N60508.AR.000792
NAS WHITING FIELD
5090.3a

REMEDIAL INVESTIGATION AND FEASIBILITY STUDY PHASE IIA TECHNICAL MEMORANDUM NUMBER 3 FOR SOIL ASSESSMENT VOLUME III NAS WHITING FIELD FL
5/1/1995

ID-00236

REMEDIAL INVESTIGATION AND FEASIBILITY STUDY
PHASE IIA
TECHNICAL MEMORANDUM NO. 3
SOIL ASSESSMENT

VOLUME II: APPENDIX E

NAVAL AIR STATION WHITING FIELD
MILTON, FLORIDA

UNIT IDENTIFICATION CODE (UIC): N60508
CONTRACT NO. N62467-89-D-0317

MAY 1995

SOUTHERN DIVISION
NAVAL FACILITIES ENGINEERING COMMAND
NORTH CHARLESTON, SOUTH CAROLINA
29419-9010

PRINTED ON RECYCLED PAPER

APPENDIX E-1

VALIDATED ANALYTICAL RESULTS
SURFACE SOILS

SITE BACKGROUND

WHITING FIELD ANALYTICAL RESULT REPORT
SURFACE SOILS BKG SAMPLES -- PESTICIDES AND PCBS -- VALIDATED DATA

Lab Sample Number:	22440001				22440002				22440003				22440004					
Site	WHITING				WHITING				WHITING				WHITING					
Locator	BKG-SL-01				BKG-SL-02				BKG-SL-03				BKG-SL-04					
Collect Date:	10-AUG-92				10-AUG-92				10-AUG-92				10-AUG-92					
	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL		
CLP PESTICIDES/PCBS 87-SOW																		
alpha-BHC	8.5	U	ug/kg	8.5	8.7	U	ug/kg	8.7	9	U	ug/kg	9	8.8	U	ug/kg	8.8		
beta-BHC	8.5	U	ug/kg	8.5	8.7	U	ug/kg	8.7	9	U	ug/kg	9	8.8	U	ug/kg	8.8		
delta-BHC	8.5	U	ug/kg	8.5	8.7	U	ug/kg	8.7	9	U	ug/kg	9	8.8	U	ug/kg	8.8		
gamma-BHC (Lindane)	8.5	U	ug/kg	8.5	8.7	U	ug/kg	8.7	9	U	ug/kg	9	8.8	U	ug/kg	8.8		
Heptachlor	8.5	U	ug/kg	8.5	8.7	U	ug/kg	8.7	9	U	ug/kg	9	8.8	U	ug/kg	8.8		
Aldrin	8.5	U	ug/kg	8.5	8.7	U	ug/kg	8.7	9	U	ug/kg	9	8.8	U	ug/kg	8.8		
Heptachlor epoxide	8.5	U	ug/kg	8.5	8.7	U	ug/kg	8.7	9	U	ug/kg	9	8.8	U	ug/kg	8.8		
Endosulfan I	8.5	U	ug/kg	8.5	8.7	U	ug/kg	8.7	9	U	ug/kg	9	8.8	U	ug/kg	8.8		
Dieldrin	17	U	ug/kg	17	17	U	ug/kg	17	18	U	ug/kg	18	18	U	ug/kg	18		
4,4-DDE	17	U	ug/kg	17	17	U	ug/kg	17	8.7	J	ug/kg	18	18	U	ug/kg	18		
Endrin	17	U	ug/kg	17	17	U	ug/kg	17	18	U	ug/kg	18	18	U	ug/kg	18		
Endosulfan II	17	U	ug/kg	17	17	U	ug/kg	17	18	U	ug/kg	18	18	U	ug/kg	18		
4,4-DDD	17	U	ug/kg	17	17	U	ug/kg	17	18	U	ug/kg	18	18	U	ug/kg	18		
Endosulfan sulfate	17	U	ug/kg	17	17	U	ug/kg	17	18	U	ug/kg	18	18	U	ug/kg	18		
4,4-DDT	17	U	ug/kg	17	17	U	ug/kg	17	6	J	ug/kg	18	18	U	ug/kg	18		
Methoxychlor	85	U	ug/kg	85	87	U	ug/kg	87	90	U	ug/kg	90	88	U	ug/kg	88		
Endrin ketone	17	U	ug/kg	17	17	U	ug/kg	17	18	U	ug/kg	18	18	U	ug/kg	18		
alpha-Chlordane	85	U	ug/kg	85	87	U	ug/kg	87	90	U	ug/kg	90	88	U	ug/kg	88		
gamma-Chlordane	85	U	ug/kg	85	87	U	ug/kg	87	90	U	ug/kg	90	88	U	ug/kg	88		
Toxaphene	170	U	ug/kg	170	170	U	ug/kg	170	180	U	ug/kg	180	180	U	ug/kg	180		
Aroclor-1016	85	U	ug/kg	85	87	U	ug/kg	87	90	U	ug/kg	90	88	U	ug/kg	88		
Aroclor-1221	85	U	ug/kg	85	87	U	ug/kg	87	90	U	ug/kg	90	88	U	ug/kg	88		
Aroclor-1232	85	U	ug/kg	85	87	U	ug/kg	87	90	U	ug/kg	90	88	U	ug/kg	88		
Aroclor-1242	85	U	ug/kg	85	87	U	ug/kg	87	90	U	ug/kg	90	88	U	ug/kg	88		
Aroclor-1248	85	U	ug/kg	85	87	U	ug/kg	87	90	U	ug/kg	90	88	U	ug/kg	88		
Aroclor-1254	170	U	ug/kg	170	170	U	ug/kg	170	180	U	ug/kg	180	180	U	ug/kg	180		
Aroclor-1260	170	U	ug/kg	170	170	U	ug/kg	170	180	U	ug/kg	180	180	U	ug/kg	180		

U= NOT DETECTED J= ESTIMATED VALUE
UJ = REPORTED QUANTITATION LIMIT IS QUALIFIED AS ESTIMATED
R = RESULT IS REJECTED AND UNUSABLE

WHITING FIELD ANALYTICAL RESULT REPORT
SURFACE SOILS BKG SAMPLES -- PESTICIDES AND PCBS -- VALIDATED DATA

Lab Sample Number:	22440005				22440006				22440007				22440008			
Site	WHITING				WHITING				WHITING				WHITING			
Locator	BKG-SL-05				BKG-SL-06				BKG-SL-07				BKG-SL-08			
Collect Date:	10-AUG-92				10-AUG-92				10-AUG-92				10-AUG-92			
	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL
CLP PESTICIDES/PCBS 87-SOW																
alpha-BHC	9	U	ug/kg	9	8.7	U	ug/kg	8.7	86	U	ug/kg	86	8.6	U	ug/kg	8.6
beta-BHC	9	U	ug/kg	9	8.7	U	ug/kg	8.7	86	U	ug/kg	86	8.6	U	ug/kg	8.6
delta-BHC	9	U	ug/kg	9	8.7	U	ug/kg	8.7	86	U	ug/kg	86	8.6	U	ug/kg	8.6
gamma-BHC (Lindane)	9	U	ug/kg	9	8.7	U	ug/kg	8.7	86	U	ug/kg	86	8.6	U	ug/kg	8.6
Heptachlor	9	U	ug/kg	9	8.7	U	ug/kg	8.7	86	U	ug/kg	86	8.6	U	ug/kg	8.6
Aldrin	9	U	ug/kg	9	8.7	U	ug/kg	8.7	86	U	ug/kg	86	8.6	U	ug/kg	8.6
Heptachlor epoxide	3.4	J	ug/kg	9	8.7	U	ug/kg	8.7	86	U	ug/kg	86	8.6	U	ug/kg	8.6
Endosulfan I	9	U	ug/kg	9	8.7	U	ug/kg	8.7	86	U	ug/kg	86	8.6	U	ug/kg	8.6
Dieldrin	9	J	ug/kg	18	17	U	ug/kg	17	170	U	ug/kg	170	17	U	ug/kg	17
4,4-DDE	16	J	ug/kg	18	17	U	ug/kg	17	170	U	ug/kg	170	17	U	ug/kg	17
Endrin	18	U	ug/kg	18	17	U	ug/kg	17	170	U	ug/kg	170	17	U	ug/kg	17
Endosulfan II	18	U	ug/kg	18	17	U	ug/kg	17	170	U	ug/kg	170	17	U	ug/kg	17
4,4-DDD	18	U	ug/kg	18	17	U	ug/kg	17	170	U	ug/kg	170	17	U	ug/kg	17
Endosulfan sulfate	18	U	ug/kg	18	17	U	ug/kg	17	170	U	ug/kg	170	17	U	ug/kg	17
4,4-DDT	9.6	J	ug/kg	18	17	U	ug/kg	17	170	U	ug/kg	170	17	U	ug/kg	17
Methoxychlor	90	U	ug/kg	90	87	U	ug/kg	87	860	U	ug/kg	860	86	U	ug/kg	86
Endrin ketone	18	U	ug/kg	18	17	U	ug/kg	17	170	U	ug/kg	170	17	U	ug/kg	17
alpha-Chlordane	1.4	J	ug/kg	90	87	U	ug/kg	87	860	U	ug/kg	860	86	U	ug/kg	86
gamma-Chlordane	5.2	J	ug/kg	90	87	U	ug/kg	87	860	U	ug/kg	860	86	U	ug/kg	86
Toxaphene	180	U	ug/kg	180	170	U	ug/kg	170	1700	U	ug/kg	1700	170	U	ug/kg	170
Aroclor-1016	90	U	ug/kg	90	87	U	ug/kg	87	860	U	ug/kg	860	86	U	ug/kg	86
Aroclor-1221	90	U	ug/kg	90	87	U	ug/kg	87	860	U	ug/kg	860	86	U	ug/kg	86
Aroclor-1232	90	U	ug/kg	90	87	U	ug/kg	87	860	U	ug/kg	860	86	U	ug/kg	86
Aroclor-1242	90	U	ug/kg	90	87	U	ug/kg	87	860	U	ug/kg	860	86	U	ug/kg	86
Aroclor-1248	90	U	ug/kg	90	87	U	ug/kg	87	860	U	ug/kg	860	86	U	ug/kg	86
Aroclor-1254	180	U	ug/kg	180	170	U	ug/kg	170	1700	U	ug/kg	1700	170	U	ug/kg	170
Aroclor-1260	180	U	ug/kg	180	170	U	ug/kg	170	1700	U	ug/kg	1700	170	U	ug/kg	170

U= NOT DETECTED J= ESTIMATED VALUE
UJ = REPORTED QUANTITATION LIMIT IS QUALIFIED AS ESTIMATED
R = RESULT IS REJECTED AND UNUSABLE

WHITING FIELD ANALYTICAL RESULT REPORT
SURFACE SOILS BKG SAMPLES -- PESTICIDES AND PCBS -- VALIDATED DATA

Lab Sample Number:	22440009				22440010				22440011			
Site	WHITING				WHITING				WHITING			
Locator	BKG-SL-09				BKG-SL-09A				BKG-SL-10			
Collect Date:	10-AUG-92				10-AUG-92				10-AUG-92			
	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL
CLP PESTICIDES/PCBS 87-SOW												
alpha-BHC	8.5	U	ug/kg	8.5	8.5	U	ug/kg	8.5	8.5	U	ug/kg	8.5
beta-BHC	8.5	U	ug/kg	8.5	8.5	U	ug/kg	8.5	8.5	U	ug/kg	8.5
delta-BHC	8.5	U	ug/kg	8.5	8.5	U	ug/kg	8.5	8.5	U	ug/kg	8.5
gamma-BHC (Lindane)	8.5	U	ug/kg	8.5	8.5	U	ug/kg	8.5	8.5	U	ug/kg	8.5
Heptachlor	8.5	U	ug/kg	8.5	8.5	U	ug/kg	8.5	8.5	U	ug/kg	8.5
Aldrin	8.5	U	ug/kg	8.5	8.5	U	ug/kg	8.5	8.5	U	ug/kg	8.5
Heptachlor epoxide	8.5	U	ug/kg	8.5	8.5	U	ug/kg	8.5	8.5	U	ug/kg	8.5
Endosulfan I	8.5	U	ug/kg	8.5	8.5	U	ug/kg	8.5	8.5	U	ug/kg	8.5
Dieldrin	23	J	ug/kg	17	35		ug/kg	17	17	U	ug/kg	17
4,4-DDE	17	U	ug/kg	17	17	U	ug/kg	17	17	U	ug/kg	17
Endrin	17	U	ug/kg	17	17	U	ug/kg	17	17	U	ug/kg	17
Endosulfan II	17	U	ug/kg	17	17	U	ug/kg	17	17	U	ug/kg	17
4,4-DDD	17	U	ug/kg	17	17	U	ug/kg	17	17	U	ug/kg	17
Endosulfan sulfate	17	U	ug/kg	17	17	U	ug/kg	17	17	U	ug/kg	17
4,4-DDT	17	U	ug/kg	17	17	U	ug/kg	17	17	U	ug/kg	17
Methoxychlor	85	U	ug/kg	85	85	U	ug/kg	85	85	U	ug/kg	85
Endrin ketone	17	U	ug/kg	17	17	U	ug/kg	17	17	U	ug/kg	17
alpha-Chlordane	85	U	ug/kg	85	85	U	ug/kg	85	85	U	ug/kg	85
gamma-Chlordane	85	U	ug/kg	85	85	U	ug/kg	85	85	U	ug/kg	85
Toxaphene	170	U	ug/kg	170	170	U	ug/kg	170	170	U	ug/kg	170
Aroclor-1016	85	U	ug/kg	85	85	U	ug/kg	85	85	U	ug/kg	85
Aroclor-1221	85	U	ug/kg	85	85	U	ug/kg	85	85	U	ug/kg	85
Aroclor-1232	85	U	ug/kg	85	85	U	ug/kg	85	85	U	ug/kg	85
Aroclor-1242	85	U	ug/kg	85	85	U	ug/kg	85	85	U	ug/kg	85
Aroclor-1248	85	U	ug/kg	85	85	U	ug/kg	85	85	U	ug/kg	85
Aroclor-1254	170	U	ug/kg	170	170	U	ug/kg	170	170	U	ug/kg	170
Aroclor-1260	170	U	ug/kg	170	170	U	ug/kg	170	170	U	ug/kg	170

U= NOT DETECTED J= ESTIMATED VALUE
UJ = REPORTED QUANTITATION LIMIT IS QUALIFIED AS ESTIMATED
R = RESULT IS REJECTED AND UNUSABLE

WHITING FIELD ANALYTICAL RESULT REPORT
SURFACE SOILS BACKGROUND -- METALS ----- VALIDATED DATA

		Lab Sample Number:	22440001				22440002				22440003				22440004			
		Site	WHITING				WHITING				WHITING				WHITING			
		Locator	BKG-SL-01				BKG-SL-02				BKG-SL-03				BKG-SL-04			
		Collect Date:	10-AUG-92				10-AUG-92				10-AUG-92				10-AUG-92			
			VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL
CLP METALS AND CYANIDE	mg/kg																	
Aluminum			2510		mg/kg	40	5410		mg/kg	40	12400		mg/kg	40	11100		mg/kg	40
Antimony			2.6	U	mg/kg	12	2.9	J	mg/kg	12	2.8	U	mg/kg	12	2.7	U	mg/kg	12
Arsenic			.69	J	mg/kg	2	.91	J	mg/kg	2	1.9	J	mg/kg	2	2	J	mg/kg	2
Barium			2.7	J	mg/kg	40	7.8	J	mg/kg	40	33.9	J	mg/kg	40	11.9	J	mg/kg	40
Beryllium			.05	U	mg/kg	1	.09	J	mg/kg	1	.23	J	mg/kg	1	.12	J	mg/kg	1
Cadmium			.58	U	mg/kg	1	.6	U	mg/kg	1	.62	U	mg/kg	1	.6	U	mg/kg	1
Calcium			290	J	mg/kg	1000	269	J	mg/kg	1000	439	J	mg/kg	1000	327	J	mg/kg	1000
Chromium			3.4		mg/kg	2	6.2		mg/kg	2	9		mg/kg	2	7.9		mg/kg	2
Cobalt			.33	U	mg/kg	10	1.2	J	mg/kg	10	2.6	J	mg/kg	10	1.2	J	mg/kg	10
Copper			2.1	J	mg/kg	5	4.6	J	mg/kg	5	5	J	mg/kg	5	3.9	J	mg/kg	5
Iron			2260		mg/kg	20	3380		mg/kg	20	7720		mg/kg	20	5900		mg/kg	20
Lead			1.8		mg/kg	1	2.7	J	mg/kg	1	7.6		mg/kg	1	4.1	J	mg/kg	1
Magnesium			88.9	J	mg/kg	1000	149	J	mg/kg	1000	219	J	mg/kg	1000	153	J	mg/kg	1000
Manganese			44.4		mg/kg	3	66.7		mg/kg	3	976		mg/kg	3	233		mg/kg	3
Mercury			.04	U	mg/kg	.1	.04	U	mg/kg	.1	.04	J	mg/kg	.1	.04	U	mg/kg	.1
Nickel			2.3	U	mg/kg	8	2.4	U	mg/kg	8	3.1	J	mg/kg	8	2.3	U	mg/kg	8
Potassium			128	U	mg/kg	1000	132	U	mg/kg	1000	136	U	mg/kg	1000	131	U	mg/kg	1000
Selenium			.4	U	mg/kg	1	.41	U	mg/kg	1	.42	U	mg/kg	1	.41	U	mg/kg	1
Silver			.32	U	mg/kg	2	.35	J	mg/kg	2	.34	U	mg/kg	2	.33	U	mg/kg	2
Sodium			150	J	mg/kg	1000	190	J	mg/kg	1000	152	J	mg/kg	1000	141	J	mg/kg	1000
Thallium			.44	U	mg/kg	2	.45	U	mg/kg	2	.46	U	mg/kg	2	.45	U	mg/kg	2
Vanadium			6.1	J	mg/kg	10	8.7	J	mg/kg	10	20.1		mg/kg	10	15.2		mg/kg	10
Zinc			4.8		mg/kg	4	7.4		mg/kg	4	9.8	J	mg/kg	4	9.7	J	mg/kg	4
Cyanide			.23	U	mg/kg	1	.24	U	mg/kg	1	.25	U	mg/kg	1	.24	U	mg/kg	1

U= NOT DETECTED J= ESTIMATED VALUE
UJ = REPORTED QUANTITATION LIMIT IS QUALIFIED AS ESTIMATED
R = RESULT IS REJECTED AND UNUSABLE

WHITING FIELD ANALYTICAL RESULT REPORT
SURFACE SOILS BACKGROUND -- METALS ----- VALIDATED DATA

		22440009				22440010				22440011			
Lab Sample Number:													
Site		WHITING				WHITING				WHITING			
Locator		BKG-SL-09				BKG-SL-09A				BKG-SL-10			
Collect Date:		10-AUG-92				10-AUG-92				10-AUG-92			
	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL
CLP METALS AND CYANIDE	mg/kg											
Aluminum	2510		mg/kg	40	4090		mg/kg	40	5040		mg/kg	40
Antimony	2.6	U	mg/kg	12	4.1	U	mg/kg	12	2.6	U	mg/kg	12
Arsenic	.58	J	mg/kg	2	.73	J	mg/kg	2	1	J	mg/kg	2
Barium	2.4	J	mg/kg	40	3.9	J	mg/kg	40	5.2	J	mg/kg	40
Beryllium	.05	U	mg/kg	1	.08	U	mg/kg	1	.05	U	mg/kg	1
Cadmium	.58	U	mg/kg	1	.91	U	mg/kg	1	.9	J	mg/kg	1
Calcium	118	J	mg/kg	1000	240	J	mg/kg	1000	401	J	mg/kg	1000
Chromium	2.3		mg/kg	2	4.2		mg/kg	2	3.8		mg/kg	2
Cobalt	.33	U	mg/kg	10	.52	U	mg/kg	10	.75	J	mg/kg	10
Copper	1.8	J	mg/kg	5	4.3	J	mg/kg	5	3.3	J	mg/kg	5
Iron	1670		mg/kg	20	2780		mg/kg	20	2780		mg/kg	20
Lead	5.9	J	mg/kg	1	3.8	J	mg/kg	1	4.1	J	mg/kg	1
Magnesium	46.9	J	mg/kg	1000	78.8	J	mg/kg	1000	122	J	mg/kg	1000
Manganese	14		mg/kg	3	27.6		mg/kg	3	144		mg/kg	3
Mercury	.04	U	mg/kg	.1	.05	U	mg/kg	.1	.04	U	mg/kg	.1
Nickel	2.3	U	mg/kg	8	4.1	J	mg/kg	8	2.3	U	mg/kg	8
Potassium	127	U	mg/kg	1000	200	U	mg/kg	1000	128	U	mg/kg	1000
Selenium	.39	U	mg/kg	1	.62	U	mg/kg	1	.39	U	mg/kg	1
Silver	.31	U	mg/kg	2	.5	U	mg/kg	2	.32	U	mg/kg	2
Sodium	145	J	mg/kg	1000	217	J	mg/kg	1000	144	J	mg/kg	1000
Thallium	.43	U	mg/kg	2	.68	U	mg/kg	2	.44	U	mg/kg	2
Vanadium	3.7	J	mg/kg	10	6.2	J	mg/kg	10	6.7	J	mg/kg	10
Zinc	5.5	J	mg/kg	4	11.8	J	mg/kg	4	12.1	J	mg/kg	4
Cyanide	.23	U	mg/kg	1	.37	U	mg/kg	1	.23	U	mg/kg	1

U= NOT DETECTED J= ESTIMATED VALUE
UJ PORTED QUANTITATION LIMIT IS QUALIFIED AS ESTIMATED
P ULT IS REJECTED AND UNUSABLE

WHITING FIELD ANALYTICAL RESULT REPORT
SURFACE SOILS BACKGROUND -- METALS ----- VALIDATED DATA

		22440005				22440006				22440007				22440008			
Lab Sample Number:																	
Site		WHITING				WHITING				WHITING				WHITING			
Locator		BKG-SL-05				BKG-SL-06				BKG-SL-07				BKG-SL-08			
Collect Date:		10-AUG-92				10-AUG-92				10-AUG-92				10-AUG-92			
		VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL
CLP METALS AND CYANIDE	mg/kg																
Aluminum		20800		mg/kg	40	21300		mg/kg	40	6350		mg/kg	40	7900		mg/kg	40
Antimony		2.8	U	mg/kg	12	5	J	mg/kg	12	2.7	U	mg/kg	12	4.2	U	mg/kg	12
Arsenic		3.1		mg/kg	2	3.7		mg/kg	2	1.2	J	mg/kg	2	1.3	J	mg/kg	2
Barium		26.8	J	mg/kg	40	26.2	J	mg/kg	40	10.5	J	mg/kg	40	9.3	J	mg/kg	40
Beryllium		.3	J	mg/kg	1	.35	J	mg/kg	1	.11	J	mg/kg	1	.08	U	mg/kg	1
Cadmium		.62	U	mg/kg	1	.9	U	mg/kg	1	.59	U	mg/kg	1	.93	U	mg/kg	1
Calcium		3750		mg/kg	1000	262	J	mg/kg	1000	216	J	mg/kg	1000	210	J	mg/kg	1000
Chromium		16.2		mg/kg	2	16.3		mg/kg	2	4.5		mg/kg	2	5.4		mg/kg	2
Cobalt		2.5	J	mg/kg	10	2.9	J	mg/kg	10	.89	J	mg/kg	10	.97	J	mg/kg	10
Copper		6.3		mg/kg	5	8.5		mg/kg	5	3.9	J	mg/kg	5	5.4	J	mg/kg	5
Iron		12500		mg/kg	20	12400		mg/kg	20	3400		mg/kg	20	4430		mg/kg	20
Lead		8.4	J	mg/kg	1	8	J	mg/kg	1	3.3		mg/kg	1	9.8	J	mg/kg	1
Magnesium		1570		mg/kg	1000	316	J	mg/kg	1000	109	J	mg/kg	1000	119	J	mg/kg	1000
Manganese		698		mg/kg	3	236		mg/kg	3	314		mg/kg	3	149		mg/kg	3
Mercury		.04	U	mg/kg	.1	.07	J	mg/kg	.1	.03	U	mg/kg	.1	.06	U	mg/kg	.1
Nickel		4.2	J	mg/kg	8	5.9	J	mg/kg	8	2.3	U	mg/kg	8	3.6	U	mg/kg	8
Potassium		236	J	mg/kg	1000	197	U	mg/kg	1000	129	U	mg/kg	1000	203	U	mg/kg	1000
Selenium		.42	U	mg/kg	1	.61	U	mg/kg	1	.4	J	mg/kg	1	.63	U	mg/kg	1
Silver		.42	J	mg/kg	2	.49	U	mg/kg	2	.32	U	mg/kg	2	.5	U	mg/kg	2
Sodium		158	J	mg/kg	1000	227	J	mg/kg	1000	149	J	mg/kg	1000	235	J	mg/kg	1000
Thallium		.46	U	mg/kg	2	.67	U	mg/kg	2	.44	U	mg/kg	2	.69	U	mg/kg	2
Vanadium		31.9		mg/kg	10	31.1		mg/kg	10	8.8	J	mg/kg	10	10.5	J	mg/kg	10
Zinc		11.9	J	mg/kg	4	16.3	J	mg/kg	4	7.7	J	mg/kg	4	8.7	J	mg/kg	4
Cyanide		.25	U	mg/kg	1	.36	U	mg/kg	1	.23	U	mg/kg	1	.37	U	mg/kg	1

U= NOT DETECTED J= ESTIMATED VALUE
UJ = REPORTED QUANTITATION LIMIT IS QUALIFIED AS ESTIMATED
R = RESULT IS REJECTED AND UNUSABLE

WHITING FIELD ANALYTICAL RESULT REPORT
SURFACE SOILS BACKGROUND -- PNA'S ----- VALIDATED DATA

Lab Sample Number:	22440001				22440002				22440003				22440004			
Site	WHITING				WHITING				WHITING				WHITING			
Locator	BKG-SL-01				BKG-SL-02				BKG-SL-03				BKG-SL-04			
Collect Date:	10-AUG-92				10-AUG-92				10-AUG-92				10-AUG-92			
	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL
POLYNUCLEAR AROMATICS																
Naphthalene	53	U	ug/kg	53	54	U	ug/kg	54	56	U	ug/kg	56	55	U	ug/kg	55
2-Methylnaphthalene	53	U	ug/kg	53	54	U	ug/kg	54	56	U	ug/kg	56	55	U	ug/kg	55
1-Methylnaphthalene	53	U	ug/kg	53	54	U	ug/kg	54	56	U	ug/kg	56	55	U	ug/kg	55
Acenaphthylene	53	U	ug/kg	53	54	U	ug/kg	54	56	U	ug/kg	56	55	U	ug/kg	55
Acenaphthene	53	U	ug/kg	53	54	U	ug/kg	54	56	U	ug/kg	56	55	U	ug/kg	55
Fluorene	53	U	ug/kg	53	54	U	ug/kg	54	56	U	ug/kg	56	55	U	ug/kg	55
Phenanthrene	53	U	ug/kg	53	54	U	ug/kg	54	56	U	ug/kg	56	55	U	ug/kg	55
Anthracene	53	U	ug/kg	53	54	U	ug/kg	54	56	U	ug/kg	56	55	U	ug/kg	55
Fluoranthene	53	U	ug/kg	53	54	U	ug/kg	54	56	U	ug/kg	56	55	U	ug/kg	55
Pyrene	53	U	ug/kg	53	54	U	ug/kg	54	56	U	ug/kg	56	55	U	ug/kg	55
Benzo (a) anthracene	53	U	ug/kg	53	54	U	ug/kg	54	56	U	ug/kg	56	55	U	ug/kg	55
Chrysene	53	U	ug/kg	53	54	U	ug/kg	54	56	U	ug/kg	56	55	U	ug/kg	55
Benzo (b) fluoranthene	53	U	ug/kg	53	54	U	ug/kg	54	56	U	ug/kg	56	55	U	ug/kg	55
Benzo (k) fluoranthene	53	U	ug/kg	53	54	U	ug/kg	54	56	U	ug/kg	56	55	U	ug/kg	55
Benzo (a) pyrene	53	U	ug/kg	53	54	U	ug/kg	54	56	U	ug/kg	56	55	U	ug/kg	55
Indeno (1,2,3-cd) pyrene	53	U	ug/kg	53	54	U	ug/kg	54	56	U	ug/kg	56	55	U	ug/kg	55
Dibenzo (a,h) anthracene	53	U	ug/kg	53	54	U	ug/kg	54	56	U	ug/kg	56	55	U	ug/kg	55
Benzo (g,h,i) perylene	53	U	ug/kg	53	54	U	ug/kg	54	56	U	ug/kg	56	55	U	ug/kg	55

U= NOT DETECTED J= ESTIMATED VALUE
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R = RESULT IS REJECTED AND UNUSABLE

WHITING FIELD ANALYTICAL RESULT REPORT
SURFACE SOILS BACKGROUND -- PNA'S ----- VALIDATED DATA

Lab Sample Number:	22440005				22440006				22440007				22440008			
Site	WHITING				WHITING				WHITING				WHITING			
Locator	BKG-SL-05				BKG-SL-06				BKG-SL-07				BKG-SL-08			
Collect Date:	10-AUG-92				10-AUG-92				10-AUG-92				10-AUG-92			
	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL
POLYNUCLEAR AROMATICS																
Naphthalene	56	U	ug/kg	56	54	U	ug/kg	54	54	U	ug/kg	54	54	U	ug/kg	54
2-Methylnaphthalene	56	U	ug/kg	56	54	U	ug/kg	54	54	U	ug/kg	54	54	U	ug/kg	54
1-Methylnaphthalene	56	U	ug/kg	56	54	U	ug/kg	54	54	U	ug/kg	54	54	U	ug/kg	54
Acenaphthylene	56	U	ug/kg	56	54	U	ug/kg	54	54	U	ug/kg	54	54	U	ug/kg	54
Acenaphthene	56	U	ug/kg	56	54	U	ug/kg	54	54	U	ug/kg	54	54	U	ug/kg	54
Fluorene	56	U	ug/kg	56	54	U	ug/kg	54	54	U	ug/kg	54	54	U	ug/kg	54
Phenanthrene	56	U	ug/kg	56	54	U	ug/kg	54	54	U	ug/kg	54	54	U	ug/kg	54
Anthracene	56	U	ug/kg	56	54	U	ug/kg	54	54	U	ug/kg	54	54	U	ug/kg	54
Fluoranthene	56	U	ug/kg	56	54	U	ug/kg	54	54	U	ug/kg	54	54	U	ug/kg	54
Pyrene	56	U	ug/kg	56	54	U	ug/kg	54	54	U	ug/kg	54	54	U	ug/kg	54
Benzo (a) anthracene	56	U	ug/kg	56	54	U	ug/kg	54	54	U	ug/kg	54	54	U	ug/kg	54
Chrysene	56	U	ug/kg	56	54	U	ug/kg	54	54	U	ug/kg	54	54	U	ug/kg	54
Benzo (b) fluoranthene	56	U	ug/kg	56	54	U	ug/kg	54	54	U	ug/kg	54	54	U	ug/kg	54
Benzo (k) fluoranthene	56	U	ug/kg	56	54	U	ug/kg	54	54	U	ug/kg	54	54	U	ug/kg	54
Benzo (a) pyrene	56	U	ug/kg	56	54	U	ug/kg	54	54	U	ug/kg	54	54	U	ug/kg	54
Indeno (1,2,3-cd) pyrene	56	U	ug/kg	56	54	U	ug/kg	54	54	U	ug/kg	54	54	U	ug/kg	54
Dibenzo (a,h) anthracene	56	U	ug/kg	56	54	U	ug/kg	54	54	U	ug/kg	54	54	U	ug/kg	54
Benzo (g,h,i) perylene	56	U	ug/kg	56	54	U	ug/kg	54	54	U	ug/kg	54	54	U	ug/kg	54

U= NOT DETECTED J= ESTIMATED VALUE
UJ [illegible]PORTED QUANTITATION LIMIT IS QUALIFIED AS ESTIMATED
R [illegible]ULT IS REJECTED AND UNUSABLE

WHITING FIELD ANALYTICAL RESULT REPORT
SURFACE SOILS BACKGROUND -- PNA'S ----- VALIDATED DATA

Lab Sample Number:	22440009				22440010				22440011			
Site	WHITING				WHITING				WHITING			
Locator	BKG-SL-09				BKG-SL-09A				BKG-SL-10			
Collect Date:	10-AUG-92				10-AUG-92				10-AUG-92			
	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL
POLYNUCLEAR AROMATICS												
Naphthalene	53	U	ug/kg	53	53	U	ug/kg	53	53	U	ug/kg	53
2-Methylnaphthalene	53	U	ug/kg	53	53	U	ug/kg	53	53	U	ug/kg	53
1-Methylnaphthalene	53	U	ug/kg	53	53	U	ug/kg	53	53	U	ug/kg	53
Acenaphthylene	53	U	ug/kg	53	53	U	ug/kg	53	53	U	ug/kg	53
Acenaphthene	53	U	ug/kg	53	53	U	ug/kg	53	53	U	ug/kg	53
Fluorene	53	U	ug/kg	53	53	U	ug/kg	53	53	U	ug/kg	53
Phenanthrene	53	U	ug/kg	53	53	U	ug/kg	53	53	U	ug/kg	53
Anthracene	53	U	ug/kg	53	53	U	ug/kg	53	53	U	ug/kg	53
Fluoranthene	53	U	ug/kg	53	53	U	ug/kg	53	53	U	ug/kg	53
Pyrene	53	U	ug/kg	53	53	U	ug/kg	53	53	U	ug/kg	53
Benzo (a) anthracene	53	U	ug/kg	53	53	U	ug/kg	53	53	U	ug/kg	53
Chrysene	53	U	ug/kg	53	53	U	ug/kg	53	53	U	ug/kg	53
Benzo (b) fluoranthene	53	U	ug/kg	53	53	U	ug/kg	53	53	U	ug/kg	53
Benzo (k) fluoranthene	53	U	ug/kg	53	53	U	ug/kg	53	53	U	ug/kg	53
Benzo (a) pyrene	53	U	ug/kg	53	53	U	ug/kg	53	53	U	ug/kg	53
Indeno (1,2,3-cd) pyrene	53	U	ug/kg	53	53	U	ug/kg	53	53	U	ug/kg	53
Dibenzo (a,h) anthracene	53	U	ug/kg	53	53	U	ug/kg	53	53	U	ug/kg	53
Benzo (g,h,i) perylene	53	U	ug/kg	53	53	U	ug/kg	53	53	U	ug/kg	53

U= NOT DETECTED J= ESTIMATED VALUE
UJ = REPORTED QUANTITATION LIMIT IS QUALIFIED AS ESTIMATED
R = RESULT IS REJECTED AND UNUSABLE

SITE 1

Surface Soils - Whiting Field
VOLATILES / SEMIVOLATILES / PESTICIDES / PCBS --- SITE 1 - VALIDATED DATA

Lab Sample Number:	22454011				22454012				22457001				22457002			
Site	WHITING				WHITING				WHITING				WHITING			
Locator	01-SL-01				01-SL-02				01-SL-03				01-SL-03A			
Collect Date:	11-AUG-92				11-AUG-92				11-AUG-92				11-AUG-92			
	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL
CLP VOLATILES 87-SOW																
Chloromethane	11	U	ug/kg	11	12	U	ug/kg	12	11	U	ug/kg	11	11	U	ug/kg	11
Bromomethane	11	U	ug/kg	11	12	U	ug/kg	12	11	U	ug/kg	11	11	U	ug/kg	11
Vinyl chloride	11	U	ug/kg	11	12	U	ug/kg	12	11	U	ug/kg	11	11	U	ug/kg	11
Chloroethane	11	U	ug/kg	11	12	U	ug/kg	12	11	U	ug/kg	11	11	U	ug/kg	11
Methylene chloride	11	UJ	ug/kg	6	6	UJ	ug/kg	6	11	UJ	ug/kg	6	11	UJ	ug/kg	6
Acetone	11	U	ug/kg	11	12	UJ	ug/kg	12	11	UJ	ug/kg	11	11	U	ug/kg	11
Carbon disulfide	6	U	ug/kg	6	6	U	ug/kg	6	6	U	ug/kg	6	6	U	ug/kg	6
1,1-Dichloroethene	6	U	ug/kg	6	6	U	ug/kg	6	6	U	ug/kg	6	6	U	ug/kg	6
1,1-Dichloroethane	6	U	ug/kg	6	6	U	ug/kg	6	6	U	ug/kg	6	6	U	ug/kg	6
1,2-Dichloroethene (total)	6	U	ug/kg	6	6	U	ug/kg	6	6	U	ug/kg	6	6	U	ug/kg	6
Chloroform	6	U	ug/kg	6	6	U	ug/kg	6	6	U	ug/kg	6	6	U	ug/kg	6
1,2-Dichloroethane	6	U	ug/kg	6	6	U	ug/kg	6	6	U	ug/kg	6	6	U	ug/kg	6
2-Butanone	11	U	ug/kg	11	12	U	ug/kg	12	11	U	ug/kg	11	11	U	ug/kg	11
1,1,1-Trichloroethane	6	U	ug/kg	6	6	U	ug/kg	6	6	U	ug/kg	6	6	U	ug/kg	6
Carbon tetrachloride	6	U	ug/kg	6	6	U	ug/kg	6	6	U	ug/kg	6	6	U	ug/kg	6
Vinyl acetate	11	U	ug/kg	11	12	U	ug/kg	12	11	U	ug/kg	11	11	U	ug/kg	11
Bromodichloromethane	6	U	ug/kg	6	6	U	ug/kg	6	6	U	ug/kg	6	6	U	ug/kg	6
1,2-Dichloropropane	6	U	ug/kg	6	6	U	ug/kg	6	6	U	ug/kg	6	6	U	ug/kg	6
cis-1,3-Dichloropropene	6	U	ug/kg	6	6	U	ug/kg	6	6	U	ug/kg	6	6	U	ug/kg	6
Trichloroethene	6	U	ug/kg	6	6	U	ug/kg	6	6	U	ug/kg	6	6	U	ug/kg	6
Dibromochloromethane	6	U	ug/kg	6	6	U	ug/kg	6	6	U	ug/kg	6	6	U	ug/kg	6
1,1,2-Trichloroethane	6	U	ug/kg	6	6	U	ug/kg	6	6	U	ug/kg	6	6	U	ug/kg	6
Benzene	6	U	ug/kg	6	6	U	ug/kg	6	6	U	ug/kg	6	6	U	ug/kg	6
trans-1,3-Dichloropropene	6	U	ug/kg	6	6	U	ug/kg	6	6	U	ug/kg	6	6	U	ug/kg	6
Bromoform	6	U	ug/kg	6	6	U	ug/kg	6	6	U	ug/kg	6	6	U	ug/kg	6
2-Hexanone	11	U	ug/kg	11	12	U	ug/kg	12	11	U	ug/kg	11	11	U	ug/kg	11
4-Methyl-2-pentanone	11	U	ug/kg	11	12	U	ug/kg	12	11	U	ug/kg	11	11	U	ug/kg	11
Tetrachloroethene	6	U	ug/kg	6	6	U	ug/kg	6	6	U	ug/kg	6	6	U	ug/kg	6
1,1,2,2-Tetrachloroethane	6	U	ug/kg	6	6	U	ug/kg	6	6	U	ug/kg	6	6	U	ug/kg	6
Toluene	6	U	ug/kg	6	6	U	ug/kg	6	6	U	ug/kg	6	6	U	ug/kg	6
Chlorobenzene	6	U	ug/kg	6	6	U	ug/kg	6	6	U	ug/kg	6	6	U	ug/kg	6
Ethylbenzene	6	U	ug/kg	6	6	U	ug/kg	6	6	U	ug/kg	6	6	U	ug/kg	6
Styrene	6	U	ug/kg	6	6	U	ug/kg	6	6	U	ug/kg	6	6	U	ug/kg	6
Xylenes (total)	1	J	ug/kg	6	6	U	ug/kg	6	2	J	ug/kg	6	2	J	ug/kg	6
CLP PESTICIDES/PCBS 87-SOW																
alpha-BHC	9.1	U	ug/kg	9.1	9.5	U	ug/kg	9.5	9.2	U	ug/kg	9.2	9.2	U	ug/kg	9.2
beta-BHC	9.1	U	ug/kg	9.1	9.5	U	ug/kg	9.5	9.2	U	ug/kg	9.2	9.2	U	ug/kg	9.2
delta-BHC	9.1	U	ug/kg	9.1	9.5	U	ug/kg	9.5	9.2	U	ug/kg	9.2	9.2	U	ug/kg	9.2
gamma-BHC (Lindane)	9.1	U	ug/kg	9.1	9.5	U	ug/kg	9.5	9.2	U	ug/kg	9.2	9.2	U	ug/kg	9.2
Heptachlor	9.1	U	ug/kg	9.1	9.5	U	ug/kg	9.5	9.2	U	ug/kg	9.2	9.2	U	ug/kg	9.2
Aldrin	9.1	U	ug/kg	9.1	9.5	U	ug/kg	9.5	9.2	U	ug/kg	9.2	9.2	U	ug/kg	9.2
Heptachlor epoxide	9.1	U	ug/kg	9.1	9.5	U	ug/kg	9.5	9.2	U	ug/kg	9.2	9.2	U	ug/kg	9.2
Endosulfan I	9.1	U	ug/kg	9.1	9.5	U	ug/kg	9.5	9.2	U	ug/kg	9.2	9.2	U	ug/kg	9.2
Dieldrin	1.5	J	ug/kg	18	19	U	ug/kg	19	18	U	ug/kg	18	18	U	ug/kg	18
4,4-DDE	18	U	ug/kg	18	19	U	ug/kg	19	18	U	ug/kg	18	18	U	ug/kg	18
Endrin	18	U	ug/kg	18	19	U	ug/kg	19	18	U	ug/kg	18	18	U	ug/kg	18
Endosulfan II	18	U	ug/kg	18	19	U	ug/kg	19	18	U	ug/kg	18	18	U	ug/kg	18
4,4-DDD	18	U	ug/kg	18	19	U	ug/kg	19	18	U	ug/kg	18	18	U	ug/kg	18
Endosulfan sulfate	18	U	ug/kg	18	19	U	ug/kg	19	18	U	ug/kg	18	18	U	ug/kg	18
4,4-DDT	18	U	ug/kg	18	19	U	ug/kg	19	18	U	ug/kg	18	18	U	ug/kg	18
Methoxychlor	91	U	ug/kg	91	95	U	ug/kg	95	92	U	ug/kg	92	92	U	ug/kg	92
Endrin ketone	18	U	ug/kg	18	19	U	ug/kg	19	18	U	ug/kg	18	18	U	ug/kg	18

Surface Soils - Whiting Field
VOLATILES / SEMIVOLATILES / PESTICIDES / PCBS --- SITE 1 - VALIDATED DATA

Lab Sample Number:	22454011				22454012				22457001				22457002			
Site	WHITING				WHITING				WHITING				WHITING			
Locator	01-SL-01				01-SL-02				01-SL-03				01-SL-03A			
Collect Date:	11-AUG-92				11-AUG-92				11-AUG-92				11-AUG-92			
	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL
alpha-Chlordane	91	U	ug/kg	91	95	U	ug/kg	95	92	U	ug/kg	92	92	U	ug/kg	92
gamma-Chlordane	91	U	ug/kg	91	95	U	ug/kg	95	92	U	ug/kg	92	92	U	ug/kg	92
Toxaphene	180	U	ug/kg	180	190	U	ug/kg	190	180	U	ug/kg	180	180	U	ug/kg	180
Aroclor-1016	91	U	ug/kg	91	95	U	ug/kg	95	92	U	ug/kg	92	92	U	ug/kg	92
Aroclor-1221	91	U	ug/kg	91	95	U	ug/kg	95	92	U	ug/kg	92	92	U	ug/kg	92
Aroclor-1232	91	U	ug/kg	91	95	U	ug/kg	95	92	U	ug/kg	92	92	U	ug/kg	92
Aroclor-1242	91	U	ug/kg	91	95	U	ug/kg	95	92	U	ug/kg	92	92	U	ug/kg	92
Aroclor-1248	91	U	ug/kg	91	95	U	ug/kg	95	92	U	ug/kg	92	92	U	ug/kg	92
Aroclor-1254	180	U	ug/kg	180	190	U	ug/kg	190	180	U	ug/kg	180	180	U	ug/kg	180
Aroclor-1260	180	U	ug/kg	180	190	U	ug/kg	190	180	U	ug/kg	180	180	U	ug/kg	180
CLP SEMIVOLATILES 87-SOW																
Phenol	370	U	ug/kg	370	390	U	ug/kg	390	380	U	ug/kg	380	380	U	ug/kg	380
bis(2-Chloroethyl) ether	370	U	ug/kg	370	390	U	ug/kg	390	380	U	ug/kg	380	380	U	ug/kg	380
2-Chlorophenol	370	U	ug/kg	370	390	U	ug/kg	390	380	U	ug/kg	380	380	U	ug/kg	380
1,3-Dichlorobenzene	370	U	ug/kg	370	390	U	ug/kg	390	380	U	ug/kg	380	380	U	ug/kg	380
1,4-Dichlorobenzene	370	U	ug/kg	370	390	U	ug/kg	390	380	U	ug/kg	380	380	U	ug/kg	380
Benzyl alcohol	370	U	ug/kg	370	390	U	ug/kg	390	380	U	ug/kg	380	380	U	ug/kg	380
1,2-Dichlorobenzene	370	U	ug/kg	370	390	U	ug/kg	390	380	U	ug/kg	380	380	U	ug/kg	380
2-Methylphenol	370	U	ug/kg	370	390	U	ug/kg	390	380	U	ug/kg	380	380	U	ug/kg	380
Bis(2-Chloroisopropyl) ether	370	U	ug/kg	370	390	U	ug/kg	390	380	U	ug/kg	380	380	U	ug/kg	380
4-Methylphenol	370	U	ug/kg	370	390	U	ug/kg	390	380	U	ug/kg	380	380	U	ug/kg	380
N-Nitroso-di-n-propylamine	370	U	ug/kg	370	390	U	ug/kg	390	380	U	ug/kg	380	380	U	ug/kg	380
Hexachloroethane	370	U	ug/kg	370	390	U	ug/kg	390	380	U	ug/kg	380	380	U	ug/kg	380
Nitrobenzene	370	U	ug/kg	370	390	U	ug/kg	390	380	U	ug/kg	380	380	U	ug/kg	380
Isophorone	370	U	ug/kg	370	390	U	ug/kg	390	380	U	ug/kg	380	380	U	ug/kg	380
2-Nitrophenol	370	U	ug/kg	370	390	U	ug/kg	390	380	U	ug/kg	380	380	U	ug/kg	380
2,4-Dimethylphenol	370	U	ug/kg	370	390	U	ug/kg	390	380	U	ug/kg	380	380	U	ug/kg	380
Benzoic acid	1800	U	ug/kg	1800	1900	U	ug/kg	1900	1800	U	ug/kg	1800	1800	U	ug/kg	1800
bis(2-Chloroethoxy) methane	370	U	ug/kg	370	390	U	ug/kg	390	380	U	ug/kg	380	380	U	ug/kg	380
2,4-Dichlorophenol	370	U	ug/kg	370	390	U	ug/kg	390	380	U	ug/kg	380	380	U	ug/kg	380
1,2,4-Trichlorobenzene	370	U	ug/kg	370	390	U	ug/kg	390	380	U	ug/kg	380	380	U	ug/kg	380
Naphthalene	370	U	ug/kg	370	390	U	ug/kg	390	380	U	ug/kg	380	380	U	ug/kg	380
4-Chloroaniline	370	U	ug/kg	370	390	U	ug/kg	390	380	U	ug/kg	380	380	U	ug/kg	380
Hexachlorobutadiene	370	U	ug/kg	370	390	U	ug/kg	390	380	U	ug/kg	380	380	U	ug/kg	380
4-Chloro-3-methylphenol	370	U	ug/kg	370	390	U	ug/kg	390	380	U	ug/kg	380	380	U	ug/kg	380
2-Methylnaphthalene	370	U	ug/kg	370	390	U	ug/kg	390	380	U	ug/kg	380	380	U	ug/kg	380
Hexachlorocyclopentadiene	370	U	ug/kg	370	390	U	ug/kg	390	380	U	ug/kg	380	380	U	ug/kg	380
2,4,6-Trichlorophenol	370	U	ug/kg	370	390	U	ug/kg	390	380	U	ug/kg	380	380	U	ug/kg	380
2,4,5-Trichlorophenol	1800	U	ug/kg	1800	1900	U	ug/kg	1900	1800	U	ug/kg	1800	1800	U	ug/kg	1800
2-Chloronaphthalene	370	U	ug/kg	370	390	U	ug/kg	390	380	U	ug/kg	380	380	U	ug/kg	380
2-Nitroaniline	1800	UJ	ug/kg	1800	1900	UJ	ug/kg	1900	1800	U	ug/kg	1800	1800	UJ	ug/kg	1800
Dimethylphthalate	370	U	ug/kg	370	390	U	ug/kg	390	380	U	ug/kg	380	380	U	ug/kg	380
Acenaphthylene	370	U	ug/kg	370	390	U	ug/kg	390	380	U	ug/kg	380	380	U	ug/kg	380
2,6-Dinitrotoluene	370	U	ug/kg	370	390	U	ug/kg	390	380	U	ug/kg	380	380	U	ug/kg	380
3-Nitroaniline	1800	UJ	ug/kg	1800	1900	UJ	ug/kg	1900	1800	U	ug/kg	1800	1800	UJ	ug/kg	1800
Acenaphthene	370	U	ug/kg	370	390	U	ug/kg	390	380	U	ug/kg	380	380	U	ug/kg	380
2,4-Dinitrophenol	1800	U	ug/kg	1800	1900	U	ug/kg	1900	1800	U	ug/kg	1800	1800	U	ug/kg	1800
4-Nitrophenol	1800	UJ	ug/kg	1800	1900	UJ	ug/kg	1900	1800	U	ug/kg	1800	1800	UJ	ug/kg	1800
Dibenzofuran	370	U	ug/kg	370	390	U	ug/kg	390	380	U	ug/kg	380	380	U	ug/kg	380
2,4-Dinitrotoluene	370	U	ug/kg	370	390	U	ug/kg	390	380	U	ug/kg	380	380	U	ug/kg	380
Diethylphthalate	370	U	ug/kg	370	390	U	ug/kg	390	380	U	ug/kg	380	380	U	ug/kg	380
4-Chlorophenyl-phenylether	370	U	ug/kg	370	390	U	ug/kg	390	380	U	ug/kg	380	380	U	ug/kg	380
Fluorene	370	U	ug/kg	370	390	U	ug/kg	390	380	U	ug/kg	380	380	U	ug/kg	380

Surface Soils - Whiting Field
VOLATILES / SEMIVOLATILES / PESTICIDES / PCBS --- SITE 1 - VALIDATED DATA

	22454011				22454012				22457001				22457002			
Lab Sample Number:																
Site	WHITING				WHITING				WHITING				WHITING			
Locator	01-SL-01				01-SL-02				01-SL-03				01-SL-03A			
Collect Date:	11-AUG-92				11-AUG-92				11-AUG-92				11-AUG-92			
	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL
4-Nitroaniline	1800	UJ	ug/kg	1800	1900	UJ	ug/kg	1900	1800	U	ug/kg	1800	1800	UJ	ug/kg	1800
4,6-Dinitro-2-methylphenol	1800	U	ug/kg	1800	1900	U	ug/kg	1900	1800	U	ug/kg	1800	1800	U	ug/kg	1800
N-Nitrosodiphenylamine (1)	370	U	ug/kg	370	390	U	ug/kg	390	380	U	ug/kg	380	380	U	ug/kg	380
4-Bromophenyl-phenylether	370	U	ug/kg	370	390	U	ug/kg	390	380	U	ug/kg	380	380	U	ug/kg	380
Hexachlorobenzene	370	U	ug/kg	370	390	U	ug/kg	390	380	U	ug/kg	380	380	U	ug/kg	380
Pentachlorophenol	1800	U	ug/kg	1800	1900	U	ug/kg	1900	1800	U	ug/kg	1800	1800	U	ug/kg	1800
Phenanthrene	370	U	ug/kg	370	390	U	ug/kg	390	380	U	ug/kg	380	380	U	ug/kg	380
Anthracene	370	U	ug/kg	370	390	U	ug/kg	390	380	U	ug/kg	380	380	U	ug/kg	380
Di-n-butylphthalate	370	U	ug/kg	370	390	U	ug/kg	390	380	U	ug/kg	380	380	UJ	ug/kg	380
Fluoranthene	370	U	ug/kg	370	390	U	ug/kg	390	380	U	ug/kg	380	380	U	ug/kg	380
Pyrene	370	UJ	ug/kg	370	390	UJ	ug/kg	390	380	UJ	ug/kg	380	380	UJ	ug/kg	380
Butylbenzylphthalate	370	UJ	ug/kg	370	390	UJ	ug/kg	390	380	UJ	ug/kg	380	380	UJ	ug/kg	380
3,3-Dichlorobenzidine	750	U	ug/kg	750	790	U	ug/kg	790	760	U	ug/kg	760	760	U	ug/kg	760
Benzo (a) anthracene	370	U	ug/kg	370	390	U	ug/kg	390	380	U	ug/kg	380	380	U	ug/kg	380
Chrysene	370	UJ	ug/kg	370	390	UJ	ug/kg	390	380	UJ	ug/kg	380	380	UJ	ug/kg	380
bis(2-Ethylhexyl) phthalate	370	U	ug/kg	370	390	U	ug/kg	390	380	UJ	ug/kg	380	380	U	ug/kg	380
Di-n-octylphthalate	370	U	ug/kg	370	390	U	ug/kg	390	380	U	ug/kg	380	380	U	ug/kg	380
Benzo (b) fluoranthene	370	U	ug/kg	370	390	U	ug/kg	390	380	U	ug/kg	380	380	U	ug/kg	380
Benzo (k) fluoranthene	370	U	ug/kg	370	390	U	ug/kg	390	380	U	ug/kg	380	380	U	ug/kg	380
Benzo (a) pyrene	370	U	ug/kg	370	390	U	ug/kg	390	380	U	ug/kg	380	380	U	ug/kg	380
Indeno (1,2,3-cd) pyrene	370	U	ug/kg	370	390	U	ug/kg	390	380	U	ug/kg	380	380	U	ug/kg	380
Dibenz (a,h) anthracene	370	U	ug/kg	370	390	U	ug/kg	390	380	U	ug/kg	380	380	U	ug/kg	380
Benzo (g,h,i) perylene	370	U	ug/kg	370	390	U	ug/kg	390	380	U	ug/kg	380	380	U	ug/kg	380

U= NOT DETECTED J= ESTIMATED VALUE
UJ = REPORTED QUANTITATION LIMIT IS QUALIFIED AS ESTIMATED
R = RESULT IS REJECTED AND UNUSABLE

Surface Soils - Whiting Field
VOLATILES / SEMIVOLATILES / PESTICIDES / PCBS --- SITE 1 - VALIDATED DATA

Lab Sample Number:	22457M01				22457D01			
Site	WHITING				WHITING			
Locator	01-SL-03MS				01-SL-03MSD			
Collect Date:	11-AUG-92				11-AUG-92			
	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL
CLP VOLATILES 87-SOW								
Chloromethane	11	U	ug/kg	11	11	U	ug/kg	11
Bromomethane	11	U	ug/kg	11	11	U	ug/kg	11
Vinyl chloride	11	U	ug/kg	11	11	U	ug/kg	11
Chloroethane	11	U	ug/kg	11	11	U	ug/kg	11
Methylene chloride	7		ug/kg	6	6		ug/kg	6
Acetone	4	J	ug/kg	11	5	J	ug/kg	11
Carbon disulfide	6	U	ug/kg	6	6	U	ug/kg	6
1,1-Dichloroethene	6	U	ug/kg	6	6	U	ug/kg	6
1,1-Dichloroethane	6	U	ug/kg	6	6	U	ug/kg	6
1,2-Dichloroethene (total)	6	U	ug/kg	6	6	U	ug/kg	6
Chloroform	6	U	ug/kg	6	6	U	ug/kg	6
1,2-Dichloroethane	1	J	ug/kg	6	6	U	ug/kg	6
2-Butanone	11	U	ug/kg	11	11	U	ug/kg	11
1,1,1-Trichloroethane	6	U	ug/kg	6	6	U	ug/kg	6
Carbon tetrachloride	6	U	ug/kg	6	6	U	ug/kg	6
Vinyl acetate	11	U	ug/kg	11	11	U	ug/kg	11
Bromodichloromethane	6	U	ug/kg	6	6	U	ug/kg	6
1,2-Dichloropropane	6	U	ug/kg	6	6	U	ug/kg	6
cis-1,3-Dichloropropene	6	U	ug/kg	6	6	U	ug/kg	6
Trichloroethene	6	U	ug/kg	6	6	U	ug/kg	6
Dibromochloromethane	6	U	ug/kg	6	6	U	ug/kg	6
1,1,2-Trichloroethane	6	U	ug/kg	6	6	U	ug/kg	6
Benzene	6	U	ug/kg	6	6	U	ug/kg	6
trans-1,3-Dichloropropene	6	U	ug/kg	6	6	U	ug/kg	6
Bromoform	6	U	ug/kg	6	6	U	ug/kg	6
2-Hexanone	11	U	ug/kg	11	11	U	ug/kg	11
4-Methyl-2-pentanone	11	U	ug/kg	11	11	U	ug/kg	11
Tetrachloroethene	6	U	ug/kg	6	6	U	ug/kg	6
1,1,2,2-Tetrachloroethane	6	U	ug/kg	6	6	U	ug/kg	6
Toluene	6	U	ug/kg	6	6	U	ug/kg	6
Chlorobenzene	6	U	ug/kg	6	6	U	ug/kg	6
Ethylbenzene	6	U	ug/kg	6	6	U	ug/kg	6
Styrene	6	U	ug/kg	6	6	U	ug/kg	6
Xylenes (total)	2	J	ug/kg	6	2	J	ug/kg	6
CLP PESTICIDES/PCBS 87-SOW								
alpha-BHC	18	U	ug/kg	18	18	U	ug/kg	18
beta-BHC	18	U	ug/kg	18	18	U	ug/kg	18
delta-BHC	18	U	ug/kg	18	18	U	ug/kg	18
gamma-BHC (Lindane)	18	U	ug/kg	18	18	U	ug/kg	18
Heptachlor	18	U	ug/kg	18	18	U	ug/kg	18
Aldrin	18	U	ug/kg	18	18	U	ug/kg	18
Heptachlor epoxide	18	U	ug/kg	18	18	U	ug/kg	18
Endosulfan I	18	U	ug/kg	18	18	U	ug/kg	18
Dieldrin	37	U	ug/kg	37	37	U	ug/kg	37
4,4-DDE	37	U	ug/kg	37	37	U	ug/kg	37
Endrin	37	U	ug/kg	37	37	U	ug/kg	37
Endosulfan II	37	U	ug/kg	37	37	U	ug/kg	37
4,4-DDD	37	U	ug/kg	37	37	U	ug/kg	37
Endosulfan sulfate	37	U	ug/kg	37	37	U	ug/kg	37
4,4-DDT	37	U	ug/kg	37	37	U	ug/kg	37
Methoxychlor	180	U	ug/kg	180	180	U	ug/kg	180

Surface Soils - Whiting Field
VOLATILES / SEMIVOLATILES / PESTICIDES / PCBS --- SITE 1 - VALIDATED DATA

Lab Sample Number:	22457M01				22457D01			
Site	WHITING				WHITING			
Locator	01-SL-03MS				01-SL-03MSD			
Collect Date:	11-AUG-92				11-AUG-92			
	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL
Endrin ketone	37	U	ug/kg	37	37	U	ug/kg	37
alpha-Chlordane	180	U	ug/kg	180	180	U	ug/kg	180
gamma-Chlordane	180	U	ug/kg	180	180	U	ug/kg	180
Toxaphene	370	U	ug/kg	370	370	U	ug/kg	370
Aroclor-1016	180	U	ug/kg	180	180	U	ug/kg	180
Aroclor-1221	180	U	ug/kg	180	180	U	ug/kg	180
Aroclor-1232	180	U	ug/kg	180	180	U	ug/kg	180
Aroclor-1242	180	U	ug/kg	180	180	U	ug/kg	180
Aroclor-1248	180	U	ug/kg	180	180	U	ug/kg	180
Aroclor-1254	370	U	ug/kg	370	370	U	ug/kg	370
Aroclor-1260	370	U	ug/kg	370	370	U	ug/kg	370
CLP SEMIVOLATILES 87-SOW								
Phenol	380	U	ug/kg	380	380	U	ug/kg	380
bis(2-Chloroethyl) ether	380	U	ug/kg	380	380	U	ug/kg	380
2-Chlorophenol	380	U	ug/kg	380	380	U	ug/kg	380
1,3-Dichlorobenzene	380	U	ug/kg	380	380	U	ug/kg	380
1,4-Dichlorobenzene	380	U	ug/kg	380	380	U	ug/kg	380
Benzyl alcohol	380	U	ug/kg	380	380	U	ug/kg	380
1,2-Dichlorobenzene	380	U	ug/kg	380	380	U	ug/kg	380
2-Methylphenol	380	U	ug/kg	380	380	U	ug/kg	380
Bis(2-Chloroisopropyl) ether	380	U	ug/kg	380	380	U	ug/kg	380
4-Methylphenol	380	U	ug/kg	380	380	U	ug/kg	380
N-Nitroso-di-n-propylamine	380	U	ug/kg	380	380	U	ug/kg	380
Hexachloroethane	380	U	ug/kg	380	380	U	ug/kg	380
Nitrobenzene	380	U	ug/kg	380	380	U	ug/kg	380
Isophorone	380	U	ug/kg	380	380	U	ug/kg	380
2-Nitrophenol	380	U	ug/kg	380	380	U	ug/kg	380
2,4-Dimethylphenol	380	U	ug/kg	380	380	U	ug/kg	380
Benzoic acid	1800	U	ug/kg	1800	1800	U	ug/kg	1800
bis(2-Chloroethoxy) methane	380	U	ug/kg	380	380	U	ug/kg	380
2,4-Dichlorophenol	380	U	ug/kg	380	380	U	ug/kg	380
1,2,4-Trichlorobenzene	380	U	ug/kg	380	380	U	ug/kg	380
Naphthalene	380	U	ug/kg	380	380	U	ug/kg	380
4-Chloroaniline	380	U	ug/kg	380	380	U	ug/kg	380
Hexachlorobutadiene	380	U	ug/kg	380	380	U	ug/kg	380
4-Chloro-3-methylphenol	380	U	ug/kg	380	380	U	ug/kg	380
2-Methylnaphthalene	380	U	ug/kg	380	380	U	ug/kg	380
Hexachlorocyclopentadiene	380	U	ug/kg	380	380	U	ug/kg	380
2,4,6-Trichlorophenol	380	U	ug/kg	380	380	U	ug/kg	380
2,4,5-Trichlorophenol	1800	U	ug/kg	1800	1800	U	ug/kg	1800
2-Chloronaphthalene	380	U	ug/kg	380	380	U	ug/kg	380
2-Nitroaniline	1800	U	ug/kg	1800	1800	U	ug/kg	1800
Dimethylphthalate	380	U	ug/kg	380	380	U	ug/kg	380
Acenaphthylene	380	U	ug/kg	380	380	U	ug/kg	380
2,6-Dinitrotoluene	380	U	ug/kg	380	380	U	ug/kg	380
3-Nitroaniline	1800	U	ug/kg	1800	1800	U	ug/kg	1800
Acenaphthene	380	U	ug/kg	380	380	U	ug/kg	380
2,4-Dinitrophenol	1800	U	ug/kg	1800	1800	U	ug/kg	1800
4-Nitrophenol	1800	U	ug/kg	1800	1800	U	ug/kg	1800
Dibenzofuran	380	U	ug/kg	380	380	U	ug/kg	380
2,4-Dinitrotoluene	380	U	ug/kg	380	380	U	ug/kg	380
Diethylphthalate	380	U	ug/kg	380	380	U	ug/kg	380
4-Chlorophenyl-phenylether	380	U	ug/kg	380	380	U	ug/kg	380

Surface Soils - Whiting Field
VOLATILES / SEMIVOLATILES / PESTICIDES / PCBS --- SITE 1 - VALIDATED DATA

Lab Sample Number:	22457M01				22457D01			
Site	WHITING				WHITING			
Locator	01-SL-03MS				01-SL-03MSD			
Collect Date:	11-AUG-92				11-AUG-92			
	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL
Fluorene	380	U	ug/kg	380	380	U	ug/kg	380
4-Nitroaniline	1800	U	ug/kg	1800	1800	U	ug/kg	1800
4,6-Dinitro-2-methylphenol	1800	U	ug/kg	1800	1800	U	ug/kg	1800
N-Nitrosodiphenylamine (1)	380	U	ug/kg	380	380	U	ug/kg	380
4-Bromophenyl-phenylether	380	U	ug/kg	380	380	U	ug/kg	380
Hexachlorobenzene	380	U	ug/kg	380	380	U	ug/kg	380
Pentachlorophenol	1800	U	ug/kg	1800	1800	U	ug/kg	1800
Phenanthrene	380	U	ug/kg	380	380	U	ug/kg	380
Anthracene	380	U	ug/kg	380	380	U	ug/kg	380
Di-n-butylphthalate	380	U	ug/kg	380	57	J	ug/kg	380
Fluoranthene	380	U	ug/kg	380	380	U	ug/kg	380
Pyrene	380	U	ug/kg	380	380	U	ug/kg	380
Butylbenzylphthalate	380	U	ug/kg	380	380	U	ug/kg	380
3,3-Dichlorobenzidine	760	U	ug/kg	760	760	U	ug/kg	760
Benzo (a) anthracene	380	U	ug/kg	380	380	U	ug/kg	380
Chrysene	380	U	ug/kg	380	380	U	ug/kg	380
bis(2-Ethylhexyl) phthalate	380	U	ug/kg	380	380	U	ug/kg	380
Di-n-octylphthalate	380	U	ug/kg	380	380	U	ug/kg	380
Benzo (b) fluoranthene	380	U	ug/kg	380	380	U	ug/kg	380
Benzo (k) fluoranthene	380	U	ug/kg	380	380	U	ug/kg	380
Benzo (a) pyrene	380	U	ug/kg	380	380	U	ug/kg	380
Indeno (1,2,3-cd) pyrene	380	U	ug/kg	380	380	U	ug/kg	380
Dibenz (a,h) anthracene	380	U	ug/kg	380	380	U	ug/kg	380
Benzo (g,h,i) perylene	380	U	ug/kg	380	380	U	ug/kg	380

U= NOT DETECTED J= ESTIMATED VALUE
UJ = REPORTED QUANTITATION LIMIT IS QUALIFIED AS ESTIMATED
R = RESULT IS REJECTED AND UNUSABLE

WHITING FIELD ANALYTICAL RESULT REPORT
INORGANICS ---- METALS -- SITE 1 --- VALIDATED DATA

	Lab Sample Number:	S22454011				S22454012				22457001				22457002			
	Site	WHITING				WHITING				WHITING				WHITING			
	Locator	01-SL-01				01-SL-02				01-SL-03				01-SL-03A			
	Collect Date:	11-AUG-92				11-AUG-92				11-AUG-92				11-AUG-92			
		VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL
CLP METALS AND CYANIDE																	
Aluminum		5700		mg/kg	40	10500		mg/kg	40	14800		mg/kg	40	13500		mg/kg	40
Antimony		2.8	U	mg/kg	12	2.9	U	mg/kg	12	2.8	UJ	mg/kg	12	2.8	UJ	mg/kg	12
Arsenic		1.3	J	mg/kg	2	1.8	J	mg/kg	2	3.2	J	mg/kg	2	3.2	J	mg/kg	2
Barium		9.6	J	mg/kg	40	14.7	J	mg/kg	40	15.7	J	mg/kg	40	14.3	J	mg/kg	40
Beryllium		.1	J	mg/kg	1	.15	J	mg/kg	1	.14	J	mg/kg	1	.15	J	mg/kg	1
Cadmium		.62	U	mg/kg	1	.71	J	mg/kg	1	.63	U	mg/kg	1	.62	U	mg/kg	1
Calcium		321	J	mg/kg	1000	264	J	mg/kg	1000	112	UJ	mg/kg	1000	96.6	UJ	mg/kg	1000
Chromium		5.5		mg/kg	2	17.8		mg/kg	2	48	J	mg/kg	2	11.9	J	mg/kg	2
Cobalt		1.3	J	mg/kg	10	1.2	J	mg/kg	10	.87	J	mg/kg	10	.92	J	mg/kg	10
Copper		5.6	J	mg/kg	5	7.1		mg/kg	5	7.3	UJ	mg/kg	5	5.2	UJ	mg/kg	5
Iron		3960		mg/kg	20	10400		mg/kg	20	13700		mg/kg	20	9940		mg/kg	20
Lead		8.9	J	mg/kg	1	3.5	J	mg/kg	1	7	UJ	mg/kg	1	6.7	UJ	mg/kg	1
Magnesium		84.8	J	mg/kg	1000	193	J	mg/kg	1000	219	J	mg/kg	1000	153	J	mg/kg	1000
Manganese		85		mg/kg	3	5.6		mg/kg	3	20.2		mg/kg	3	20.5		mg/kg	3
Mercury		.07	U	mg/kg	.1	.09	U	mg/kg	.1	.34		mg/kg	.1	.06	U	mg/kg	.1
Nickel		2.4	U	mg/kg	8	2.5	U	mg/kg	8	3.6	J	mg/kg	8	3.4	J	mg/kg	8
Potassium		135	U	mg/kg	1000	141	U	mg/kg	1000	157	J	mg/kg	1000	137	U	mg/kg	1000
Selenium		.42	U	mg/kg	1	.44	U	mg/kg	1	.48	U	mg/kg	1	.48	U	mg/kg	1
Silver		,33	U	mg/kg	2	.35	U	mg/kg	2	.34	U	mg/kg	2	.34	U	mg/kg	2
Sodium		185	J	mg/kg	1000	219	J	mg/kg	1000	181	UJ	mg/kg	1000	173	UJ	mg/kg	1000
Thallium		.46	U	mg/kg	2	.48	U	mg/kg	2	.47	U	mg/kg	2	.47	U	mg/kg	2
Vanadium		9.9	J	mg/kg	10	33.6		mg/kg	10	38.5		mg/kg	10	27.6		mg/kg	10
Zinc		8	J	mg/kg	4	8.3	J	mg/kg	4	11.7		mg/kg	4	11.3		mg/kg	4
Cyanide		.25	U	mg/kg	1	.26	U	mg/kg	1	.25	U	mg/kg	1	.25	U	mg/kg	1

U= NOT DETECTED J= ESTIMATED VALUE
UJ = REPORTED QUANTITATION LIMIT IS QUALIFIED AS ESTIMATED
R = RESULT IS REJECTED AND UNUSABLE

SITE 10

Surface Soils - Whiting Field

VOLATILES / SEMIVOLATILES / PESTICIDES / PCBS -- SITE 10 - VALIDATED DATA

Lab Sample Number:	22462001				22462002				22462003				22462004			
Site	WHITING				WHITING				WHITING				WHITING			
Locator	10-SL-01				10-SL-02				10-SL-03				10-SL-04			
Collect Date:	12-AUG-92				12-AUG-92				12-AUG-92				12-AUG-92			
	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL
CLP VOLATILES 87-SOW																
Chloromethane	11	U	ug/kg	11	12	U	ug/kg	12	11	U	ug/kg	11	11	U	ug/kg	11
Bromomethane	11	U	ug/kg	11	12	U	ug/kg	12	11	U	ug/kg	11	11	U	ug/kg	11
Vinyl chloride	11	U	ug/kg	11	12	U	ug/kg	12	11	U	ug/kg	11	11	U	ug/kg	11
Chloroethane	11	U	ug/kg	11	12	U	ug/kg	12	11	U	ug/kg	11	11	U	ug/kg	11
Methylene chloride	10	UJ	ug/kg	6	11	UJ	ug/kg	6	5	UJ	ug/kg	5	6	UJ	ug/kg	6
Acetone	11	UJ	ug/kg	11	12	UJ	ug/kg	12	11	UJ	ug/kg	11	11	U	ug/kg	11
Carbon disulfide	6	U	ug/kg	6	6	U	ug/kg	6	5	U	ug/kg	5	6	U	ug/kg	6
1,1-Dichloroethene	6	U	ug/kg	6	6	U	ug/kg	6	5	U	ug/kg	5	6	U	ug/kg	6
1,1-Dichloroethane	6	U	ug/kg	6	6	U	ug/kg	6	5	U	ug/kg	5	6	U	ug/kg	6
1,2-Dichloroethene (total)	6	U	ug/kg	6	6	U	ug/kg	6	5	U	ug/kg	5	6	U	ug/kg	6
Chloroform	6	U	ug/kg	6	6	U	ug/kg	6	5	U	ug/kg	5	6	U	ug/kg	6
1,2-Dichloroethane	6	U	ug/kg	6	6	U	ug/kg	6	5	U	ug/kg	5	6	U	ug/kg	6
2-Butanone	11	U	ug/kg	11	12	U	ug/kg	12	11	U	ug/kg	11	11	U	ug/kg	11
1,1,1-Trichloroethane	6	U	ug/kg	6	6	U	ug/kg	6	5	U	ug/kg	5	6	U	ug/kg	6
Carbon tetrachloride	6	U	ug/kg	6	6	U	ug/kg	6	5	U	ug/kg	5	6	U	ug/kg	6
Vinyl acetate	11	U	ug/kg	11	12	U	ug/kg	12	11	U	ug/kg	11	11	U	ug/kg	11
Bromodichloromethane	6	U	ug/kg	6	6	U	ug/kg	6	5	U	ug/kg	5	6	U	ug/kg	6
1,2-Dichloropropane	6	U	ug/kg	6	6	U	ug/kg	6	5	U	ug/kg	5	6	U	ug/kg	6
cis-1,3-Dichloropropene	6	U	ug/kg	6	6	U	ug/kg	6	5	U	ug/kg	5	6	U	ug/kg	6
Trichloroethene	6	U	ug/kg	6	6	U	ug/kg	6	5	U	ug/kg	5	6	U	ug/kg	6
Dibromochloromethane	6	U	ug/kg	6	6	U	ug/kg	6	5	U	ug/kg	5	6	U	ug/kg	6
1,1,2-Trichloroethane	6	U	ug/kg	6	6	U	ug/kg	6	5	U	ug/kg	5	6	U	ug/kg	6
Benzene	6	U	ug/kg	6	6	U	ug/kg	6	5	U	ug/kg	5	6	U	ug/kg	6
trans-1,3-Dichloropropene	6	U	ug/kg	6	6	U	ug/kg	6	5	U	ug/kg	5	6	U	ug/kg	6
Bromoform	6	U	ug/kg	6	6	U	ug/kg	6	5	U	ug/kg	5	6	U	ug/kg	6
2-Hexanone	11	UJ	ug/kg	11	12	UJ	ug/kg	12	11	UJ	ug/kg	11	11	U	ug/kg	11
4-Methyl-2-pentanone	11	U	ug/kg	11	12	U	ug/kg	12	11	U	ug/kg	11	11	U	ug/kg	11
Tetrachloroethene	6	U	ug/kg	6	6	U	ug/kg	6	5	U	ug/kg	5	6	U	ug/kg	6
1,1,2,2-Tetrachloroethane	6	U	ug/kg	6	6	U	ug/kg	6	5	U	ug/kg	5	6	U	ug/kg	6
Toluene	6	U	ug/kg	6	6	U	ug/kg	6	5	U	ug/kg	5	6	U	ug/kg	6
Chlorobenzene	6	U	ug/kg	6	6	U	ug/kg	6	5	U	ug/kg	5	6	U	ug/kg	6
Ethylbenzene	6	U	ug/kg	6	6	U	ug/kg	6	5	U	ug/kg	5	6	U	ug/kg	6
Styrene	6	U	ug/kg	6	6	U	ug/kg	6	5	U	ug/kg	5	6	U	ug/kg	6
Xylenes (total)	6	U	ug/kg	6	6	U	ug/kg	6	5	U	ug/kg	5	1	J	ug/kg	6
CLP PESTICIDES/PCBS 87-SOW																
alpha-BHC	18	U	ug/kg	18	18	U	ug/kg	18	86	U	ug/kg	86	8.5	U	ug/kg	8.5
beta-BHC	18	U	ug/kg	18	18	U	ug/kg	18	86	U	ug/kg	86	8.5	U	ug/kg	8.5
delta-BHC	18	U	ug/kg	18	18	U	ug/kg	18	86	U	ug/kg	86	8.5	U	ug/kg	8.5
gamma-BHC (Lindane)	18	U	ug/kg	18	18	U	ug/kg	18	86	U	ug/kg	86	8.5	U	ug/kg	8.5
Heptachlor	18	U	ug/kg	18	18	U	ug/kg	18	86	U	ug/kg	86	8.5	U	ug/kg	8.5
Aldrin	18	U	ug/kg	18	18	U	ug/kg	18	86	U	ug/kg	86	8.5	U	ug/kg	8.5
Heptachlor epoxide	18	U	ug/kg	18	18	U	ug/kg	18	86	U	ug/kg	86	8.5	U	ug/kg	8.5
Endosulfan I	18	U	ug/kg	18	18	U	ug/kg	18	86	U	ug/kg	86	8.5	U	ug/kg	8.5
Dieldrin	36	U	ug/kg	36	36	U	ug/kg	36	170	U	ug/kg	170	17	U	ug/kg	17
4,4-DDE	36	U	ug/kg	36	36	U	ug/kg	36	170	U	ug/kg	170	17	U	ug/kg	17
Endrin	36	U	ug/kg	36	36	U	ug/kg	36	170	U	ug/kg	170	17	U	ug/kg	17
Endosulfan II	36	U	ug/kg	36	36	U	ug/kg	36	170	U	ug/kg	170	17	U	ug/kg	17
4,4-DDD	36	U	ug/kg	36	36	U	ug/kg	36	170	U	ug/kg	170	17	U	ug/kg	17
Endosulfan sulfate	36	U	ug/kg	36	36	U	ug/kg	36	170	U	ug/kg	170	17	U	ug/kg	17
4,4-DDT	15	J	ug/kg	36	14	J	ug/kg	36	33	J	ug/kg	170	17	U	ug/kg	17
Methoxychlor	180	U	ug/kg	180	180	U	ug/kg	180	860	U	ug/kg	860	85	U	ug/kg	85
Endrin ketone	36	U	ug/kg	36	36	U	ug/kg	36	170	U	ug/kg	170	17	U	ug/kg	17

Surface Soils - Whiting Field
VOLATILES / SEMIVOLATILES / PESTICIDES / PCBS -- SITE 10 - VALIDATED DATA

Lab Sample Number:	22462001				22462002				22462003				22462004			
Site	WHITING				WHITING				WHITING				WHITING			
Locator	10-SL-01				10-SL-02				10-SL-03				10-SL-04			
Collect Date:	12-AUG-92				12-AUG-92				12-AUG-92				12-AUG-92			
	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL
alpha-Chlordane	180	U	ug/kg	180	180	U	ug/kg	180	860	U	ug/kg	860	85	U	ug/kg	85
gamma-Chlordane	180	U	ug/kg	180	180	U	ug/kg	180	860	U	ug/kg	860	85	U	ug/kg	85
Toxaphene	360	U	ug/kg	360	360	U	ug/kg	360	1700	U	ug/kg	1700	170	U	ug/kg	170
Aroclor-1016	180	U	ug/kg	180	180	U	ug/kg	180	860	U	ug/kg	860	85	U	ug/kg	85
Aroclor-1221	180	U	ug/kg	180	180	U	ug/kg	180	860	U	ug/kg	860	85	U	ug/kg	85
Aroclor-1232	180	U	ug/kg	180	180	U	ug/kg	180	860	U	ug/kg	860	85	U	ug/kg	85
Aroclor-1242	180	U	ug/kg	180	180	U	ug/kg	180	860	U	ug/kg	860	85	U	ug/kg	85
Aroclor-1248	180	U	ug/kg	180	180	U	ug/kg	180	860	U	ug/kg	860	85	U	ug/kg	85
Aroclor-1254	210	J	ug/kg	360	210	J	ug/kg	360	310	J	ug/kg	1700	170	U	ug/kg	170
Aroclor-1260	49	J	ug/kg	360	60	J	ug/kg	360	1700	U	ug/kg	1700	170	U	ug/kg	170
CLP SEMIVOLATILES 87-SOW																
Phenol	370	U	ug/kg	370	370	U	ug/kg	370	350	U	ug/kg	350	350	U	ug/kg	350
bis(2-Chloroethyl) ether	370	U	ug/kg	370	370	U	ug/kg	370	350	U	ug/kg	350	350	U	ug/kg	350
2-Chlorophenol	370	U	ug/kg	370	370	U	ug/kg	370	350	U	ug/kg	350	350	U	ug/kg	350
1,3-Dichlorobenzene	370	U	ug/kg	370	370	U	ug/kg	370	350	U	ug/kg	350	350	U	ug/kg	350
1,4-Dichlorobenzene	370	U	ug/kg	370	370	U	ug/kg	370	350	U	ug/kg	350	350	U	ug/kg	350
Benzyl alcohol	370	U	ug/kg	370	370	U	ug/kg	370	350	U	ug/kg	350	350	U	ug/kg	350
1,2-Dichlorobenzene	370	U	ug/kg	370	370	U	ug/kg	370	350	U	ug/kg	350	350	U	ug/kg	350
2-Methylphenol	370	U	ug/kg	370	370	U	ug/kg	370	350	U	ug/kg	350	350	U	ug/kg	350
Bis(2-Chloroisopropyl) ether	370	U	ug/kg	370	370	U	ug/kg	370	350	U	ug/kg	350	350	U	ug/kg	350
4-Methylphenol	370	U	ug/kg	370	370	U	ug/kg	370	350	U	ug/kg	350	350	U	ug/kg	350
N-Nitroso-di-n-propylamine	370	U	ug/kg	370	370	U	ug/kg	370	350	U	ug/kg	350	350	U	ug/kg	350
Hexachloroethane	370	U	ug/kg	370	370	U	ug/kg	370	350	U	ug/kg	350	350	U	ug/kg	350
Nitrobenzene	370	U	ug/kg	370	370	U	ug/kg	370	350	U	ug/kg	350	350	U	ug/kg	350
Isophorone	370	U	ug/kg	370	370	U	ug/kg	370	350	U	ug/kg	350	350	U	ug/kg	350
2-Nitrophenol	370	U	ug/kg	370	370	U	ug/kg	370	350	U	ug/kg	350	350	U	ug/kg	350
2,4-Dimethylphenol	370	U	ug/kg	370	370	U	ug/kg	370	350	U	ug/kg	350	350	U	ug/kg	350
Benzoic acid	1800	U	ug/kg	1800	1800	U	ug/kg	1800	1700	U	ug/kg	1700	1700	U	ug/kg	1700
bis(2-Chloroethoxy) methane	370	U	ug/kg	370	370	U	ug/kg	370	350	U	ug/kg	350	350	U	ug/kg	350
2,4-Dichlorophenol	370	U	ug/kg	370	370	U	ug/kg	370	350	U	ug/kg	350	350	U	ug/kg	350
1,2,4-Trichlorobenzene	370	U	ug/kg	370	370	U	ug/kg	370	350	U	ug/kg	350	350	U	ug/kg	350
Naphthalene	370	U	ug/kg	370	370	U	ug/kg	370	350	U	ug/kg	350	350	U	ug/kg	350
4-Chloroaniline	370	U	ug/kg	370	370	U	ug/kg	370	350	U	ug/kg	350	350	U	ug/kg	350
Hexachlorobutadiene	370	U	ug/kg	370	370	U	ug/kg	370	350	U	ug/kg	350	350	U	ug/kg	350
4-Chloro-3-methylphenol	370	U	ug/kg	370	370	U	ug/kg	370	350	U	ug/kg	350	350	U	ug/kg	350
2-Methylnaphthalene	370	U	ug/kg	370	370	U	ug/kg	370	350	U	ug/kg	350	350	U	ug/kg	350
Hexachlorocyclopentadiene	370	U	ug/kg	370	370	U	ug/kg	370	350	U	ug/kg	350	350	U	ug/kg	350
2,4,6-Trichlorophenol	370	U	ug/kg	370	370	U	ug/kg	370	350	U	ug/kg	350	350	U	ug/kg	350
2,4,5-Trichlorophenol	1800	U	ug/kg	1800	1800	U	ug/kg	1800	1700	U	ug/kg	1700	1700	U	ug/kg	1700
2-Chloronaphthalene	370	U	ug/kg	370	370	U	ug/kg	370	350	U	ug/kg	350	350	U	ug/kg	350
2-Nitroaniline	1800	U	ug/kg	1800	1800	U	ug/kg	1800	1700	U	ug/kg	1700	1700	U	ug/kg	1700
Dimethylphthalate	370	U	ug/kg	370	370	U	ug/kg	370	350	U	ug/kg	350	350	U	ug/kg	350
Acenaphthylene	370	U	ug/kg	370	370	U	ug/kg	370	350	U	ug/kg	350	350	U	ug/kg	350
2,6-Dinitrotoluene	370	U	ug/kg	370	370	U	ug/kg	370	350	U	ug/kg	350	350	U	ug/kg	350
3-Nitroaniline	1800	U	ug/kg	1800	1800	U	ug/kg	1800	1700	U	ug/kg	1700	1700	U	ug/kg	1700
Acenaphthene	370	U	ug/kg	370	370	U	ug/kg	370	350	U	ug/kg	350	350	U	ug/kg	350
2,4-Dinitrophenol	1800	U	ug/kg	1800	1800	U	ug/kg	1800	1700	U	ug/kg	1700	1700	U	ug/kg	1700
4-Nitrophenol	1800	U	ug/kg	1800	1800	U	ug/kg	1800	1700	U	ug/kg	1700	1700	U	ug/kg	1700
Dibenzofuran	370	U	ug/kg	370	370	U	ug/kg	370	350	U	ug/kg	350	350	U	ug/kg	350
2,4-Dinitrotoluene	370	U	ug/kg	370	370	U	ug/kg	370	350	U	ug/kg	350	350	U	ug/kg	350
Diethylphthalate	370	U	ug/kg	370	370	U	ug/kg	370	96	J	ug/kg	350	350	U	ug/kg	350
4-Chlorophenyl-phenylether	370	U	ug/kg	370	370	U	ug/kg	370	350	U	ug/kg	350	350	U	ug/kg	350
Fluorene	370	U	ug/kg	370	370	U	ug/kg	370	350	U	ug/kg	350	350	U	ug/kg	350

Surface Soils - Whiting Field
VOLATILES / SEMIVOLATILES / PESTICIDES / PCBS -- SITE 10 - VALIDATED DATA

	22462001				22462002				22462003				22462004			
Lab Sample Number:																
Site	WHITING				WHITING				WHITING				WHITING			
Locator	10-SL-01				10-SL-02				10-SL-03				10-SL-04			
Collect Date:	12-AUG-92				12-AUG-92				12-AUG-92				12-AUG-92			
	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL
4-Nitroaniline	1800	UJ	ug/kg	1800	1800	UJ	ug/kg	1800	1700	UJ	ug/kg	1700	1700	UJ	ug/kg	1700
4,6-Dinitro-2-methylphenol	1800	U	ug/kg	1800	1800	U	ug/kg	1800	1700	U	ug/kg	1700	1700	U	ug/kg	1700
N-Nitrosodiphenylamine (1)	370	U	ug/kg	370	370	U	ug/kg	370	350	U	ug/kg	350	350	U	ug/kg	350
4-Bromophenyl-phenylether	370	U	ug/kg	370	370	U	ug/kg	370	350	U	ug/kg	350	350	U	ug/kg	350
Hexachlorobenzene	370	U	ug/kg	370	370	U	ug/kg	370	350	U	ug/kg	350	350	U	ug/kg	350
Pentachlorophenol	1800	U	ug/kg	1800	1800	U	ug/kg	1800	1700	U	ug/kg	1700	1700	U	ug/kg	1700
Phenanthrene	94	J	ug/kg	370	370	U	ug/kg	370	48	J	ug/kg	350	36	J	ug/kg	350
Anthracene	370	U	ug/kg	370	370	U	ug/kg	370	350	U	ug/kg	350	350	U	ug/kg	350
Di-n-butylphthalate	370	UJ	ug/kg	370	370	UJ	ug/kg	370	350	UJ	ug/kg	350	350	UJ	ug/kg	350
Fluoranthene	130	J	ug/kg	370	69	J	ug/kg	370	96	J	ug/kg	350	59	J	ug/kg	350
Pyrene	140	J	ug/kg	370	87	J	ug/kg	370	85	J	ug/kg	350	45	J	ug/kg	350
Butylbenzylphthalate	46	J	ug/kg	370	85	J	ug/kg	370	40	J	ug/kg	350	350	UJ	ug/kg	350
3,3-Dichlorobenzidine	740	U	ug/kg	740	730	U	ug/kg	730	710	U	ug/kg	710	700	U	ug/kg	700
Benzo (a) anthracene	81	J	ug/kg	370	57	J	ug/kg	370	59	J	ug/kg	350	42	J	ug/kg	350
Chrysene	100	J	ug/kg	370	64	J	ug/kg	370	78	J	ug/kg	350	45	J	ug/kg	350
bis(2-Ethylhexyl) phthalate	95	J	ug/kg	370	130	J	ug/kg	370	100	J	ug/kg	350	57	J	ug/kg	350
Di-n-octylphthalate	370	U	ug/kg	370	370	U	ug/kg	370	350	U	ug/kg	350	350	U	ug/kg	350
Benzo (b) fluoranthene	71	J	ug/kg	370	78	J	ug/kg	370	62	J	ug/kg	350	350	U	ug/kg	350
Benzo (k) fluoranthene	76	J	ug/kg	370	74	J	ug/kg	370	62	J	ug/kg	350	350	U	ug/kg	350
Benzo (a) pyrene	46	J	ug/kg	370	45	J	ug/kg	370	350	U	ug/kg	350	350	U	ug/kg	350
Indeno (1,2,3-cd) pyrene	370	U	ug/kg	370	370	U	ug/kg	370	350	U	ug/kg	350	350	U	ug/kg	350
Dibenz (a,h) anthracene	370	U	ug/kg	370	370	U	ug/kg	370	350	U	ug/kg	350	350	U	ug/kg	350
Benzo (g,h,i) perylene	370	U	ug/kg	370	370	U	ug/kg	370	350	U	ug/kg	350	350	U	ug/kg	350

U= NOT DETECTED J= ESTIMATED VALUE
UJ = REPORTED QUANTITATION LIMIT IS QUALIFIED AS ESTIMATED
R = RESULT IS REJECTED AND UNUSABLE

Surface Soils - Whiting Field
VOLATILES / SEMIVOLATILES / PESTICIDES / PCBS -- SITE 10 - VALIDATED DATA

Lab Sample Number:	22462005
Site	WHITING
Locator	10-SL-05
Collect Date:	12-AUG-92

	VALUE	QUAL	UNITS	DL
CLP VOLATILES 87-SOW				
Chloromethane	11	U	ug/kg	11
Bromomethane	11	U	ug/kg	11
Vinyl chloride	11	U	ug/kg	11
Chloroethane	11	U	ug/kg	11
Methylene chloride	8	UJ	ug/kg	6
Acetone	11	UJ	ug/kg	11
Carbon disulfide	6	U	ug/kg	6
1,1-Dichloroethene	6	U	ug/kg	6
1,1-Dichloroethane	6	U	ug/kg	6
1,2-Dichloroethene (total)	6	U	ug/kg	6
Chloroform	6	U	ug/kg	6
1,2-Dichloroethane	6	U	ug/kg	6
2-Butanone	11	U	ug/kg	11
1,1,1-Trichloroethane	6	U	ug/kg	6
Carbon tetrachloride	6	U	ug/kg	6
Vinyl acetate	11	U	ug/kg	11
Bromodichloromethane	6	U	ug/kg	6
1,2-Dichloropropane	6	U	ug/kg	6
cis-1,3-Dichloropropene	6	U	ug/kg	6
Trichloroethene	6	U	ug/kg	6
Dibromochloromethane	6	U	ug/kg	6
1,1,2-Trichloroethane	6	U	ug/kg	6
Benzene	6	U	ug/kg	6
trans-1,3-Dichloropropene	6	U	ug/kg	6
Bromoform	6	U	ug/kg	6
2-Hexanone	11	UJ	ug/kg	11
4-Methyl-2-pentanone	11	U	ug/kg	11
Tetrachloroethene	6	U	ug/kg	6
1,1,2,2-Tetrachloroethane	6	U	ug/kg	6
Toluene	6	U	ug/kg	6
Chlorobenzene	6	U	ug/kg	6
Ethylbenzene	6	U	ug/kg	6
Styrene	6	U	ug/kg	6
Xylenes (total)	6	U	ug/kg	6
CLP PESTICIDES/PCBS 87-SOW				
alpha-BHC	9.3	U	ug/kg	9.3
beta-BHC	9.3	U	ug/kg	9.3
delta-BHC	9.3	U	ug/kg	9.3
gamma-BHC (Lindane)	9.3	U	ug/kg	9.3
Heptachlor	9.3	U	ug/kg	9.3
Aldrin	9.3	U	ug/kg	9.3
Heptachlor epoxide	9.3	U	ug/kg	9.3
Endosulfan I	9.3	U	ug/kg	9.3
Dieldrin	19	U	ug/kg	19
4,4-DDE	19	U	ug/kg	19
Endrin	19	U	ug/kg	19
Endosulfan II	19	U	ug/kg	19
4,4-DDD	19	U	ug/kg	19
Endosulfan sulfate	19	U	ug/kg	19
4,4-DDT	19	U	ug/kg	19
Methoxychlor	93	U	ug/kg	93

Surface Soils - Whiting Field
VOLATILES / SEMIVOLATILES / PESTICIDES / PCBS -- SITE 10 - VALIDATED DATA

Lab Sample Number:	22462005
Site	WHITING
Locator	10-SL-05
Collect Date:	12-AUG-92

	VALUE	QUAL	UNITS	DL
Endrin ketone	19	U	ug/kg	19
alpha-Chlordane	93	U	ug/kg	93
gamma-Chlordane	93	U	ug/kg	93
Toxaphene	190	U	ug/kg	190
Aroclor-1016	93	U	ug/kg	93
Aroclor-1221	93	U	ug/kg	93
Aroclor-1232	93	U	ug/kg	93
Aroclor-1242	93	U	ug/kg	93
Aroclor-1248	93	U	ug/kg	93
Aroclor-1254	190	U	ug/kg	190
Aroclor-1260	190	U	ug/kg	190
CLP SEMIVOLATILES 87-SOW				
Phenol	380	U	ug/kg	380
bis(2-Chloroethyl) ether	380	U	ug/kg	380
2-Chlorophenol	380	U	ug/kg	380
1,3-Dichlorobenzene	380	U	ug/kg	380
1,4-Dichlorobenzene	380	U	ug/kg	380
Benzyl alcohol	380	U	ug/kg	380
1,2-Dichlorobenzene	380	U	ug/kg	380
2-Methylphenol	380	U	ug/kg	380
Bis(2-Chloroisopropyl) ether	380	U	ug/kg	380
4-Methylphenol	380	U	ug/kg	380
N-Nitroso-di-n-propylamine	380	U	ug/kg	380
Hexachloroethane	380	U	ug/kg	380
Nitrobenzene	380	U	ug/kg	380
Isophorone	380	U	ug/kg	380
2-Nitrophenol	380	U	ug/kg	380
2,4-Dimethylphenol	380	U	ug/kg	380
Benzoic acid	1900	U	ug/kg	1900
bis(2-Chloroethoxy) methane	380	U	ug/kg	380
2,4-Dichlorophenol	380	U	ug/kg	380
1,2,4-Trichlorobenzene	380	U	ug/kg	380
Naphthalene	380	U	ug/kg	380
4-Chloroaniline	380	U	ug/kg	380
Hexachlorobutadiene	380	U	ug/kg	380
4-Chloro-3-methylphenol	380	U	ug/kg	380
2-Methylnaphthalene	380	U	ug/kg	380
Hexachlorocyclopentadiene	380	U	ug/kg	380
2,4,6-Trichlorophenol	380	U	ug/kg	380
2,4,5-Trichlorophenol	1900	U	ug/kg	1900
2-Chloronaphthalene	380	U	ug/kg	380
2-Nitroaniline	1900	U	ug/kg	1900
Dimethylphthalate	380	U	ug/kg	380
Acenaphthylene	380	U	ug/kg	380
2,6-Dinitrotoluene	380	U	ug/kg	380
3-Nitroaniline	1900	U	ug/kg	1900
Acenaphthene	380	U	ug/kg	380
2,4-Dinitrophenol	1900	U	ug/kg	1900
4-Nitrophenol	1900	U	ug/kg	1900
Dibenzofuran	380	U	ug/kg	380
2,4-Dinitrotoluene	380	U	ug/kg	380
Diethylphthalate	380	U	ug/kg	380
4-Chlorophenyl-phenylether	380	U	ug/kg	380

Surface Soils - Whiting Field
VOLATILES / SEMIVOLATILES / PESTICIDES / PCBS -- SITE 10 - VALIDATED DATA

Lab Sample Number:	22462005
Site	WHITING
Locator	10-SL-05
Collect Date:	12-AUG-92

	VALUE	QUAL	UNITS	DL
Fluorene	380	U	ug/kg	380
4-Nitroaniline	1900	UJ	ug/kg	1900
4,6-Dinitro-2-methylphenol	1900	U	ug/kg	1900
N-Nitrosodiphenylamine (1)	380	U	ug/kg	380
4-Bromophenyl-phenylether	380	U	ug/kg	380
Hexachlorobenzene	380	U	ug/kg	380
Pentachlorophenol	1900	U	ug/kg	1900
Phenanthrene	380	U	ug/kg	380
Anthracene	380	U	ug/kg	380
Di-n-butylphthalate	380	U	ug/kg	380
Fluoranthene	380	U	ug/kg	380
Pyrene	380	UJ	ug/kg	380
Butylbenzylphthalate	380	UJ	ug/kg	380
3,3-Dichlorobenzidine	770	U	ug/kg	770
Benzo (a) anthracene	380	U	ug/kg	380
Chrysene	380	UJ	ug/kg	380
bis(2-Ethylhexyl) phthalate	380	UJ	ug/kg	380
Di-n-octylphthalate	380	U	ug/kg	380
Benzo (b) fluoranthene	380	U	ug/kg	380
Benzo (k) fluoranthene	380	U	ug/kg	380
Benzo (a) pyrene	380	U	ug/kg	380
Indeno (1,2,3-cd) pyrene	380	U	ug/kg	380
Dibenz (a,h) anthracene	380	U	ug/kg	380
Benzo (g,h,i) perylene	380	U	ug/kg	380

U= NOT DETECTED J= ESTIMATED VALUE
UJ EPORTED QUANTITATION LIMIT IS QUALIFIED AS ESTIMATED
R ULT IS REJECTED AND UNUSABLE

WHITING FIELD ANALYTICAL RESULT REPORT
INORGANICS ---- METALS -- SITE 10 --- VALIDATED DATA

	Lab Sample Number:	22462001				22462002				22462003				22462004			
	Site	WHITING				WHITING				WHITING				WHITING			
	Locator	10-SL-01				10-SL-02				10-SL-03				10-SL-04			
	Collect Date:	12-AUG-92				12-AUG-92				12-AUG-92				12-AUG-92			
		VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL
CLP METALS AND CYANIDE																	
Aluminum		11300		mg/kg	40	21600		mg/kg	40	13500		mg/kg	40	37000		mg/kg	40
Antimony		2.7	U	mg/kg	12	4.2	U	mg/kg	12	2.7	U	mg/kg	12	4.1	U	mg/kg	12
Arsenic		4.1		mg/kg	2	6.9		mg/kg	2	5.4		mg/kg	2	8.8		mg/kg	2
Barium		9	J	mg/kg	40	31.5	J	mg/kg	40	9.7	J	mg/kg	40	17.5	J	mg/kg	40
Beryllium		.14	J	mg/kg	1	.18	J	mg/kg	1	.12	J	mg/kg	1	.21	J	mg/kg	1
Cadmium		.89	J	mg/kg	1	2.4		mg/kg	1	2.3		mg/kg	1	.9	U	mg/kg	1
Calcium		620	J	mg/kg	1000	1620	J	mg/kg	1000	583	J	mg/kg	1000	1720		mg/kg	1000
Chromium		13.2		mg/kg	2	29.9		mg/kg	2	19.4		mg/kg	2	31.9		mg/kg	2
Cobalt		1.4	J	mg/kg	10	2.4	J	mg/kg	10	1.1	J	mg/kg	10	1.8	J	mg/kg	10
Copper		7.4		mg/kg	5	24.2		mg/kg	5	15.8		mg/kg	5	13		mg/kg	5
Iron		10000		mg/kg	20	19600		mg/kg	20	13200		mg/kg	20	23800		mg/kg	20
Lead		19	J	mg/kg	1	47		mg/kg	1	34.1		mg/kg	1	29.3		mg/kg	1
Magnesium		121	J	mg/kg	1000	191	J	mg/kg	1000	96.1	J	mg/kg	1000	294	J	mg/kg	1000
Manganese		41.9		mg/kg	3	70.5		mg/kg	3	389		mg/kg	3	57.1		mg/kg	3
Mercury		.08	U	mg/kg	.1	.12	U	mg/kg	.1	.2		mg/kg	.1	.09	U	mg/kg	.1
Nickel		2.3	U	mg/kg	8	4.9	J	mg/kg	8	4.2	J	mg/kg	8	3.5	J	mg/kg	8
Potassium		132	U	mg/kg	1000	205	U	mg/kg	1000	129	U	mg/kg	1000	198	U	mg/kg	1000
Selenium		.41	U	mg/kg	1	.63	U	mg/kg	1	.4	U	mg/kg	1	.61	U	mg/kg	1
Silver		.33	U	mg/kg	2	.51	U	mg/kg	2	.32	U	mg/kg	2	.49	U	mg/kg	2
Sodium		182	J	mg/kg	1000	290	J	mg/kg	1000	228	J	mg/kg	1000	387	J	mg/kg	1000
Thallium		.45	U	mg/kg	2	.7	U	mg/kg	2	.44	U	mg/kg	2	.68	U	mg/kg	2
Vanadium		25		mg/kg	10	48.1		mg/kg	10	35.7		mg/kg	10	63.4		mg/kg	10
Zinc		23.9	J	mg/kg	4	92.7	J	mg/kg	4	705		mg/kg	4	42.5	J	mg/kg	4
Cyanide		.24	U	mg/kg	1	.37	U	mg/kg	1	.24	U	mg/kg	1	.36	U	mg/kg	1

U= NOT DETECTED J= ESTIMATED VALUE
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WHITING FIELD ANALYTICAL RESULT REPORT
INORGANICS ---- METALS -- SITE 10 --- VALIDATED DATA

Lab Sample Number:	22462005
Site	WHITING
Locator	10-SL-05
Collect Date:	12-AUG-92

	VALUE	QUAL	UNITS	DL
CLP METALS AND CYANIDE				
Aluminum	23200		mg/kg	40
Antimony	4.5	U	mg/kg	12
Arsenic	6.1		mg/kg	2
Barium	7.5	J	mg/kg	40
Beryllium	.09	U	mg/kg	1
Cadmium	.99	U	mg/kg	1
Calcium	157	J	mg/kg	1000
Chromium	21.2		mg/kg	2
Cobalt	2.1	J	mg/kg	10
Copper	6.6	J	mg/kg	5
Iron	16100		mg/kg	20
Lead	12.5	J	mg/kg	1
Magnesium	106	J	mg/kg	1000
Manganese	13.1		mg/kg	3
Mercury	.14	U	mg/kg	.1
Nickel	3.9	U	mg/kg	8
Potassium	217	U	mg/kg	1000
Selenium	.67	U	mg/kg	1
Silver	.54	U	mg/kg	2
Sodium	289	J	mg/kg	1000
Thallium	.74	U	mg/kg	2
Vanadium	41.1		mg/kg	10
Zinc	11.3	J	mg/kg	4
Cyanide	.4	U	mg/kg	1

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SITE 11

Surface Soils - Whiting Field
VOLATILES -- SITE 11 - VALIDATED DATA

Lab Sample Number:	33701001				33701002				33701003				33701003RE			
Site	WHITING				WHITING				WHITING				WHITING			
Locator	11-SL-01				11-SL-01A				11-SL-02				11-SL-02RE			
Collect Date:	18-AUG-92				18-AUG-92				18-AUG-92				18-AUG-92			
	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL
CLP VOLATILES 87-SOW																
Chloromethane	11	U	ug/kg	11	11	U	ug/kg	11	13	UJ	ug/kg	13	13	UJ	ug/kg	13
Bromomethane	11	U	ug/kg	11	11	U	ug/kg	11	13	UJ	ug/kg	13	13	UJ	ug/kg	13
Vinyl chloride	11	U	ug/kg	11	11	U	ug/kg	11	13	UJ	ug/kg	13	13	UJ	ug/kg	13
Chloroethane	11	U	ug/kg	11	11	U	ug/kg	11	13	UJ	ug/kg	13	13	UJ	ug/kg	13
Methylene chloride	25	UJ	ug/kg	5	30	UJ	ug/kg	5	48	UJ	ug/kg	6	47	UJ	ug/kg	6
Acetone	11	UJ	ug/kg	11	11	UJ	ug/kg	11	13	UJ	ug/kg	13	100	J	ug/kg	13
Carbon disulfide	5	U	ug/kg	5	5	U	ug/kg	5	7	UJ	ug/kg	7	7	UJ	ug/kg	7
1,1-Dichloroethene	5	U	ug/kg	5	5	U	ug/kg	5	7	UJ	ug/kg	7	7	UJ	ug/kg	7
1,1-Dichloroethane	5	U	ug/kg	5	5	U	ug/kg	5	7	UJ	ug/kg	7	7	UJ	ug/kg	7
1,2-Dichloroethene (total)	5	U	ug/kg	5	5	U	ug/kg	5	7	UJ	ug/kg	7	7	UJ	ug/kg	7
Chloroform	5	U	ug/kg	5	5	U	ug/kg	5	7	UJ	ug/kg	7	7	UJ	ug/kg	7
1,2-Dichloroethane	5	U	ug/kg	5	5	U	ug/kg	5	7	UJ	ug/kg	7	7	UJ	ug/kg	7
2-Butanone	11	U	ug/kg	11	11	U	ug/kg	11	13	UJ	ug/kg	13	13	UJ	ug/kg	13
1,1,1-Trichloroethane	5	U	ug/kg	5	5	U	ug/kg	5	7	UJ	ug/kg	7	7	UJ	ug/kg	7
Carbon tetrachloride	5	U	ug/kg	5	5	U	ug/kg	5	7	UJ	ug/kg	7	7	UJ	ug/kg	7
Vinyl acetate	11	U	ug/kg	11	11	U	ug/kg	11	13	UJ	ug/kg	13	13	UJ	ug/kg	13
Bromodichloromethane	5	U	ug/kg	5	5	U	ug/kg	5	7	UJ	ug/kg	7	7	UJ	ug/kg	7
1,2-Dichloropropane	5	U	ug/kg	5	5	U	ug/kg	5	7	UJ	ug/kg	7	7	UJ	ug/kg	7
cis-1,3-Dichloropropene	5	U	ug/kg	5	5	U	ug/kg	5	7	UJ	ug/kg	7	7	UJ	ug/kg	7
Trichloroethene	5	U	ug/kg	5	5	U	ug/kg	5	7	UJ	ug/kg	7	7	UJ	ug/kg	7
Dibromochloromethane	5	U	ug/kg	5	5	U	ug/kg	5	7	UJ	ug/kg	7	7	UJ	ug/kg	7
1,1,2-Trichloroethane	5	U	ug/kg	5	5	U	ug/kg	5	7	UJ	ug/kg	7	7	UJ	ug/kg	7
Benzene	5	U	ug/kg	5	5	U	ug/kg	5	7	UJ	ug/kg	7	7	UJ	ug/kg	7
trans-1,3-Dichloropropene	5	U	ug/kg	5	5	U	ug/kg	5	7	UJ	ug/kg	7	7	UJ	ug/kg	7
Bromoform	5	U	ug/kg	5	5	U	ug/kg	5	7	UJ	ug/kg	7	7	UJ	ug/kg	7
2-Hexanone	11	U	ug/kg	11	11	U	ug/kg	11	13	UJ	ug/kg	13	13	UJ	ug/kg	13
4-Methyl-2-pentanone	11	U	ug/kg	11	11	U	ug/kg	11	13	UJ	ug/kg	13	13	UJ	ug/kg	13
Tetrachloroethene	5	U	ug/kg	5	5	U	ug/kg	5	7	UJ	ug/kg	7	7	UJ	ug/kg	7
1,1,2,2-Tetrachloroethane	5	U	ug/kg	5	5	U	ug/kg	5	7	UJ	ug/kg	7	7	UJ	ug/kg	7
Toluene	5	U	ug/kg	5	5	U	ug/kg	5	7	UJ	ug/kg	7	7	UJ	ug/kg	7
Chlorobenzene	5	U	ug/kg	5	5	U	ug/kg	5	7	UJ	ug/kg	7	7	UJ	ug/kg	7
Ethylbenzene	5	U	ug/kg	5	5	U	ug/kg	5	7	UJ	ug/kg	7	7	UJ	ug/kg	7
Styrene	5	U	ug/kg	5	5	U	ug/kg	5	7	UJ	ug/kg	7	7	UJ	ug/kg	7
Xylenes (total)	5	U	ug/kg	5	5	U	ug/kg	5	7	UJ	ug/kg	7	7	UJ	ug/kg	7

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Surface Soils - Whiting Field
VOLATILES -- SITE 11 - VALIDATED DATA

Lab Sample Number:	33701004				33701005				33701006			
Site	WHITING				WHITING				WHITING			
Locator	11-SL-03				11-SL-04				11-SL-05			
Collect Date:	18-AUG-92				18-AUG-92				18-AUG-92			
	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL
CLP VOLATILES 87-SOW												
Chloromethane	11	U	ug/kg	11	11	U	ug/kg	11	11	U	ug/kg	11
Bromomethane	11	U	ug/kg	11	11	U	ug/kg	11	11	U	ug/kg	11
Vinyl chloride	11	U	ug/kg	11	11	U	ug/kg	11	11	U	ug/kg	11
Chloroethane	11	U	ug/kg	11	11	U	ug/kg	11	11	U	ug/kg	11
Methylene chloride	22	UJ	ug/kg	5	13	UJ	ug/kg	5	12	UJ	ug/kg	5
Acetone	11	UJ	ug/kg	11	11	UJ	ug/kg	10	11	UJ	ug/kg	11
Carbon disulfide	5	U	ug/kg	5	5	U	ug/kg	5	5	U	ug/kg	5
1,1-Dichloroethene	5	U	ug/kg	5	5	U	ug/kg	5	5	U	ug/kg	5
1,1-Dichloroethane	5	U	ug/kg	5	5	U	ug/kg	5	5	U	ug/kg	5
1,2-Dichloroethene (total)	5	U	ug/kg	5	5	U	ug/kg	5	5	U	ug/kg	5
Chloroform	5	U	ug/kg	5	5	U	ug/kg	5	5	U	ug/kg	5
1,2-Dichloroethane	5	U	ug/kg	5	5	U	ug/kg	5	5	U	ug/kg	5
2-Butanone	11	U	ug/kg	11	11	U	ug/kg	11	11	U	ug/kg	11
1,1,1-Trichloroethane	5	U	ug/kg	5	5	U	ug/kg	5	5	U	ug/kg	5
Carbon tetrachloride	5	U	ug/kg	5	5	U	ug/kg	5	5	U	ug/kg	5
Vinyl acetate	11	U	ug/kg	11	11	U	ug/kg	11	11	U	ug/kg	11
Bromodichloromethane	5	U	ug/kg	5	5	U	ug/kg	5	5	U	ug/kg	5
1,2-Dichloropropane	5	U	ug/kg	5	5	U	ug/kg	5	5	U	ug/kg	5
cis-1,3-Dichloropropene	5	U	ug/kg	5	5	U	ug/kg	5	5	U	ug/kg	5
Trichloroethene	5	U	ug/kg	5	5	U	ug/kg	5	5	U	ug/kg	5
Dibromochloromethane	5	U	ug/kg	5	5	U	ug/kg	5	5	U	ug/kg	5
1,1,2-Trichloroethane	5	U	ug/kg	5	5	U	ug/kg	5	5	U	ug/kg	5
Benzene	5	U	ug/kg	5	5	U	ug/kg	5	5	U	ug/kg	5
trans-1,3-Dichloropropene	5	U	ug/kg	5	5	U	ug/kg	5	5	U	ug/kg	5
Bromoform	5	U	ug/kg	5	5	U	ug/kg	5	5	U	ug/kg	5
2-Hexanone	11	U	ug/kg	11	11	U	ug/kg	11	11	U	ug/kg	11
4-Methyl-2-pentanone	11	U	ug/kg	11	11	U	ug/kg	11	11	U	ug/kg	11
Tetrachloroethene	5	U	ug/kg	5	5	U	ug/kg	5	5	U	ug/kg	5
1,1,2,2-Tetrachloroethane	5	U	ug/kg	5	5	U	ug/kg	5	5	U	ug/kg	5
Toluene	5	U	ug/kg	5	5	U	ug/kg	5	5	U	ug/kg	5
Chlorobenzene	5	U	ug/kg	5	5	U	ug/kg	5	5	U	ug/kg	5
Ethylbenzene	5	U	ug/kg	5	5	U	ug/kg	5	5	U	ug/kg	5
Styrene	5	U	ug/kg	5	5	U	ug/kg	5	5	U	ug/kg	5
Xylenes (total)	5	U	ug/kg	5	5	U	ug/kg	5	5	U	ug/kg	5

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Surface Soils - Whiting Field
SEMIVOLATILES -- SITE 11 - VALIDATED DATA

Lab Sample Number:	22526001				22526002				22526003				22526004			
Site	WHITING				WHITING				WHITING				WHITING			
Locator	11-SL-01				11-SL-01A				11-SL-02				11-SL-03			
Collect Date:	18-AUG-92				18-AUG-92				18-AUG-92				18-AUG-92			
	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL
CLP SEMIVOLATILES 87-SOW																
Phenol	360	U	ug/kg	360	370	U	ug/kg	370	4000	U	ug/kg	4000	370	U	ug/kg	370
bis(2-Chloroethyl) ether	360	U	ug/kg	360	370	U	ug/kg	370	4000	U	ug/kg	4000	370	U	ug/kg	370
2-Chlorophenol	360	U	ug/kg	360	370	U	ug/kg	370	4000	U	ug/kg	4000	370	U	ug/kg	370
1,3-Dichlorobenzene	360	U	ug/kg	360	370	U	ug/kg	370	4000	U	ug/kg	4000	370	U	ug/kg	370
1,4-Dichlorobenzene	360	U	ug/kg	360	370	U	ug/kg	370	4000	U	ug/kg	4000	370	U	ug/kg	370
Benzyl alcohol	360	UJ	ug/kg	360	370	UJ	ug/kg	370	4000	UJ	ug/kg	4000	370	UJ	ug/kg	370
1,2-Dichlorobenzene	360	U	ug/kg	360	370	U	ug/kg	370	4000	U	ug/kg	4000	370	U	ug/kg	370
2-Methylphenol	360	U	ug/kg	360	370	U	ug/kg	370	4000	U	ug/kg	4000	370	U	ug/kg	370
Bis(2-Chloroisopropyl) ether	360	U	ug/kg	360	370	U	ug/kg	370	4000	U	ug/kg	4000	370	U	ug/kg	370
4-Methylphenol	360	U	ug/kg	360	370	U	ug/kg	370	4000	U	ug/kg	4000	370	U	ug/kg	370
N-Nitroso-di-n-propylamine	360	U	ug/kg	360	370	U	ug/kg	370	4000	U	ug/kg	4000	370	U	ug/kg	370
Hexachloroethane	360	U	ug/kg	360	370	U	ug/kg	370	4000	U	ug/kg	4000	370	U	ug/kg	370
Nitrobenzene	360	U	ug/kg	360	370	U	ug/kg	370	4000	U	ug/kg	4000	370	U	ug/kg	370
Isophorone	360	U	ug/kg	360	370	U	ug/kg	370	4000	U	ug/kg	4000	370	U	ug/kg	370
2-Nitrophenol	360	U	ug/kg	360	370	U	ug/kg	370	4000	U	ug/kg	4000	370	U	ug/kg	370
2,4-Dimethylphenol	360	U	ug/kg	360	370	U	ug/kg	370	4000	U	ug/kg	4000	370	U	ug/kg	370
Benzoic acid	1800	U	ug/kg	1800	1800	U	ug/kg	1800	20000	U	ug/kg	20000	1800	U	ug/kg	1800
bis(2-Chloroethoxy) methane	360	U	ug/kg	360	370	U	ug/kg	370	4000	U	ug/kg	4000	370	U	ug/kg	370
2,4-Dichlorophenol	360	U	ug/kg	360	370	U	ug/kg	370	4000	U	ug/kg	4000	370	U	ug/kg	370
1,2,4-Trichlorobenzene	360	U	ug/kg	360	370	U	ug/kg	370	4000	U	ug/kg	4000	370	U	ug/kg	370
Naphthalene	360	U	ug/kg	360	370	U	ug/kg	370	4000	U	ug/kg	4000	370	U	ug/kg	370
4-Chloroaniline	360	U	ug/kg	360	370	U	ug/kg	370	4000	U	ug/kg	4000	370	U	ug/kg	370
Hexachlorobutadiene	360	U	ug/kg	360	370	U	ug/kg	370	4000	U	ug/kg	4000	370	U	ug/kg	370
4-Chloro-3-methylphenol	360	U	ug/kg	360	370	U	ug/kg	370	4000	U	ug/kg	4000	370	U	ug/kg	370
2-Methylnaphthalene	360	U	ug/kg	360	370	U	ug/kg	370	4000	U	ug/kg	4000	370	U	ug/kg	370
Hexachlorocyclopentadiene	360	UJ	ug/kg	360	370	UJ	ug/kg	370	4000	UJ	ug/kg	4000	370	UJ	ug/kg	370
2,4,6-Trichlorophenol	360	U	ug/kg	360	370	U	ug/kg	370	4000	U	ug/kg	4000	370	U	ug/kg	370
2,4,5-Trichlorophenol	1800	U	ug/kg	1800	1800	U	ug/kg	1800	20000	U	ug/kg	20000	1800	U	ug/kg	1800
2-Chloronaphthalene	360	U	ug/kg	360	370	U	ug/kg	370	4000	U	ug/kg	4000	370	U	ug/kg	370
2-Nitroaniline	1800	U	ug/kg	1800	1800	U	ug/kg	1800	20000	U	ug/kg	20000	1800	U	ug/kg	1800
Dimethylphthalate	360	U	ug/kg	360	370	U	ug/kg	370	4000	U	ug/kg	4000	370	U	ug/kg	370
Acenaphthylene	360	U	ug/kg	360	370	U	ug/kg	370	4000	U	ug/kg	4000	370	U	ug/kg	370
2,6-Dinitrotoluene	360	U	ug/kg	360	370	U	ug/kg	370	4000	U	ug/kg	4000	370	U	ug/kg	370
3-Nitroaniline	1800	U	ug/kg	1800	1800	U	ug/kg	1800	20000	U	ug/kg	20000	1800	U	ug/kg	1800
Acenaphthene	360	U	ug/kg	360	370	U	ug/kg	370	4000	U	ug/kg	4000	370	U	ug/kg	370
2,4-Dinitrophenol	1800	U	ug/kg	1800	1800	U	ug/kg	1800	20000	U	ug/kg	20000	1800	U	ug/kg	1800
4-Nitrophenol	1800	U	ug/kg	1800	1800	U	ug/kg	1800	20000	U	ug/kg	20000	1800	U	ug/kg	1800
Dibenzofuran	360	U	ug/kg	360	370	U	ug/kg	370	4000	U	ug/kg	4000	370	U	ug/kg	370
2,4-Dinitrotoluene	360	U	ug/kg	360	370	U	ug/kg	370	4000	U	ug/kg	4000	370	U	ug/kg	370
Diethylphthalate	360	U	ug/kg	360	370	U	ug/kg	370	4000	U	ug/kg	4000	370	U	ug/kg	370
4-Chlorophenyl-phenylether	360	U	ug/kg	360	370	U	ug/kg	370	4000	U	ug/kg	4000	370	U	ug/kg	370
Fluorene	360	U	ug/kg	360	370	U	ug/kg	370	4000	U	ug/kg	4000	370	U	ug/kg	370
4-Nitroaniline	1800	U	ug/kg	1800	1800	U	ug/kg	1800	20000	U	ug/kg	20000	1800	U	ug/kg	1800
4,6-Dinitro-2-methylphenol	1800	U	ug/kg	1800	1800	U	ug/kg	1800	20000	U	ug/kg	20000	1800	U	ug/kg	1800
N-Nitrosodiphenylamine (1)	360	U	ug/kg	360	370	U	ug/kg	370	4000	U	ug/kg	4000	370	U	ug/kg	370
4-Bromophenyl-phenylether	360	U	ug/kg	360	370	U	ug/kg	370	4000	U	ug/kg	4000	370	U	ug/kg	370
Hexachlorobenzene	360	U	ug/kg	360	370	U	ug/kg	370	4000	U	ug/kg	4000	370	U	ug/kg	370
Pentachlorophenol	1800	U	ug/kg	1800	1800	U	ug/kg	1800	20000	U	ug/kg	20000	1800	U	ug/kg	1800
Phenanthrene	360	U	ug/kg	360	370	U	ug/kg	370	4000	U	ug/kg	4000	370	U	ug/kg	370
Anthracene	360	U	ug/kg	360	370	U	ug/kg	370	4000	U	ug/kg	4000	370	U	ug/kg	370
Di-n-butylphthalate	360	UJ	ug/kg	360	370	UJ	ug/kg	370	4000	U	ug/kg	4000	370	UJ	ug/kg	370
Fluoranthene	360	U	ug/kg	360	370	U	ug/kg	370	4000	U	ug/kg	4000	370	U	ug/kg	370
Pyrene	360	U	ug/kg	360	370	U	ug/kg	370	4000	U	ug/kg	4000	370	U	ug/kg	370

Surface Soils - Whiting Field
SEMIVOLATILES -- SITE 11 - VALIDATED DATA

Lab Sample Number:	22526001				22526002				22526003				22526004			
Site	WHITING				WHITING				WHITING				WHITING			
Locator	11-SL-01				11-SL-01A				11-SL-02				11-SL-03			
Collect Date:	18-AUG-92				18-AUG-92				18-AUG-92				18-AUG-92			
	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL
Butylbenzylphthalate	360	U	ug/kg	360	370	U	ug/kg	370	4000	U	ug/kg	4000	370	U	ug/kg	370
3,3-Dichlorobenzidine	730	U	ug/kg	730	730	U	ug/kg	730	8100	U	ug/kg	8100	730	U	ug/kg	730
Benzo (a) anthracene	360	U	ug/kg	360	370	U	ug/kg	370	4000	U	ug/kg	4000	370	U	ug/kg	370
Chrysene	360	U	ug/kg	360	370	U	ug/kg	370	4000	U	ug/kg	4000	370	U	ug/kg	370
bis(2-Ethylhexyl) phthalate	360	U	ug/kg	360	370	U	ug/kg	370	4000	U	ug/kg	4000	370	U	ug/kg	370
Di-n-octylphthalate	360	U	ug/kg	360	370	U	ug/kg	370	4000	U	ug/kg	4000	370	U	ug/kg	370
Benzo (b) fluoranthene	360	U	ug/kg	360	370	U	ug/kg	370	4000	U	ug/kg	4000	370	U	ug/kg	370
Benzo (k) fluoranthene	360	U	ug/kg	360	370	U	ug/kg	370	4000	U	ug/kg	4000	370	U	ug/kg	370
Benzo (a) pyrene	360	U	ug/kg	360	370	U	ug/kg	370	4000	U	ug/kg	4000	370	U	ug/kg	370
Indeno (1,2,3-cd) pyrene	360	U	ug/kg	360	370	U	ug/kg	370	4000	U	ug/kg	4000	370	U	ug/kg	370
Dibenz (a,h) anthracene	360	U	ug/kg	360	370	U	ug/kg	370	4000	U	ug/kg	4000	370	U	ug/kg	370
Benzo (g,h,i) perylene	360	U	ug/kg	360	370	U	ug/kg	370	4000	U	ug/kg	4000	370	U	ug/kg	370

U= NOT DETECTED J= ESTIMATED VALUE
UJ = REPORTED QUANTITATION LIMIT IS QUALIFIED AS ESTIMATED
R = RESULT IS REJECTED AND UNUSABLE

Surface Soils - Whiting Field
SEMIVOLATILES -- SITE 11 - VALIDATED DATA

Lab Sample Number:	22526005				22526006			
Site	WHITING				WHITING			
Locator	11-SL-04				11-SL-05			
Collect Date:	18-AUG-92				18-AUG-92			
	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL
CLP SEMIVOLATILES 87-SOW								
Phenol	350	U	ug/kg	350	350	U	ug/kg	350
bis(2-Chloroethyl) ether	350	U	ug/kg	350	350	U	ug/kg	350
2-Chlorophenol	350	U	ug/kg	350	350	U	ug/kg	350
1,3-Dichlorobenzene	350	U	ug/kg	350	350	U	ug/kg	350
1,4-Dichlorobenzene	350	U	ug/kg	350	350	U	ug/kg	350
Benzyl alcohol	350	UJ	ug/kg	350	350	UJ	ug/kg	350
1,2-Dichlorobenzene	350	U	ug/kg	350	350	U	ug/kg	350
2-Methylphenol	350	U	ug/kg	350	350	U	ug/kg	350
Bis(2-Chloroisopropyl) ether	350	U	ug/kg	350	350	U	ug/kg	350
4-Methylphenol	350	U	ug/kg	350	350	U	ug/kg	350
N-Nitroso-di-n-propylamine	350	U	ug/kg	350	350	U	ug/kg	350
Hexachloroethane	350	U	ug/kg	350	350	U	ug/kg	350
Nitrobenzene	350	U	ug/kg	350	350	U	ug/kg	350
Isophorone	350	U	ug/kg	350	350	U	ug/kg	350
2-Nitrophenol	350	U	ug/kg	350	350	U	ug/kg	350
2,4-Dimethylphenol	350	U	ug/kg	350	350	U	ug/kg	350
Benzoic acid	1700	U	ug/kg	1700	1700	U	ug/kg	1700
bis(2-Chloroethoxy) methane	350	U	ug/kg	350	350	U	ug/kg	350
2,4-Dichlorophenol	350	U	ug/kg	350	350	U	ug/kg	350
1,2,4-Trichlorobenzene	350	U	ug/kg	350	350	U	ug/kg	350
Naphthalene	350	U	ug/kg	350	350	U	ug/kg	350
4-Chloroaniline	350	U	ug/kg	350	350	U	ug/kg	350
Hexachlorobutadiene	350	U	ug/kg	350	350	U	ug/kg	350
4-Chloro-3-methylphenol	350	U	ug/kg	350	350	U	ug/kg	350
2-Methylnaphthalene	49	J	ug/kg	350	350	U	ug/kg	350
Hexachlorocyclopentadiene	350	UJ	ug/kg	350	350	UJ	ug/kg	350
2,4,6-Trichlorophenol	350	U	ug/kg	350	350	U	ug/kg	350
2,4,5-Trichlorophenol	1700	U	ug/kg	1700	1700	U	ug/kg	1700
2-Chloronaphthalene	350	U	ug/kg	350	350	U	ug/kg	350
2-Nitroaniline	1700	U	ug/kg	1700	1700	U	ug/kg	1700
Dimethylphthalate	350	U	ug/kg	350	350	U	ug/kg	350
Acenaphthylene	110	J	ug/kg	350	350	U	ug/kg	350
2,6-Dinitrotoluene	350	U	ug/kg	350	350	U	ug/kg	350
3-Nitroaniline	1700	U	ug/kg	1700	1700	U	ug/kg	1700
Acenaphthene	350	U	ug/kg	350	350	U	ug/kg	350
2,4-Dinitrophenol	1700	U	ug/kg	1700	1700	U	ug/kg	1700
4-Nitrophenol	1700	U	ug/kg	1700	1700	U	ug/kg	1700
Dibenzofuran	350	U	ug/kg	350	350	U	ug/kg	350
2,4-Dinitrotoluene	350	U	ug/kg	350	350	U	ug/kg	350
Diethylphthalate	350	U	ug/kg	350	350	U	ug/kg	350
4-Chlorophenyl-phenylether	350	U	ug/kg	350	350	U	ug/kg	350
Fluorene	350	U	ug/kg	350	350	U	ug/kg	350
4-Nitroaniline	1700	U	ug/kg	1700	1700	U	ug/kg	1700
4,6-Dinitro-2-methylphenol	1700	U	ug/kg	1700	1700	U	ug/kg	1700
N-Nitrosodiphenylamine (1)	350	U	ug/kg	350	350	U	ug/kg	350
4-Bromophenyl-phenylether	350	U	ug/kg	350	350	U	ug/kg	350
Hexachlorobenzene	350	U	ug/kg	350	350	U	ug/kg	350
Pentachlorophenol	1700	U	ug/kg	1700	1700	U	ug/kg	1700
Phenanthrene	2100		ug/kg	350	350	U	ug/kg	350
Anthracene	280	J	ug/kg	350	350	U	ug/kg	350
Di-n-butylphthalate	350	UJ	ug/kg	350	350	U	ug/kg	350
Fluoranthene	1300		ug/kg	350	350	U	ug/kg	350

Surface Soils - Whiting Field
SEMIVOLATILES -- SITE 11 - VALIDATED DATA

Lab Sample Number:	22526005				22526006			
Site	WHITING				WHITING			
Locator	11-SL-04				11-SL-05			
Collect Date:	18-AUG-92				18-AUG-92			
	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL
Pyrene	3400		ug/kg	350	350	U	ug/kg	350
Butylbenzylphthalate	350	U	ug/kg	350	350	U	ug/kg	350
3,3-Dichlorobenzidine	710	U	ug/kg	710	700	U	ug/kg	700
Benzo (a) anthracene	1800		ug/kg	350	350	U	ug/kg	350
Chrysene	2500		ug/kg	350	350	U	ug/kg	350
bis(2-Ethylhexyl) phthalate	540		ug/kg	350	350	U	ug/kg	350
Di-n-octylphthalate	350	U	ug/kg	350	350	U	ug/kg	350
Benzo (b) fluoranthene	710		ug/kg	350	350	U	ug/kg	350
Benzo (k) fluoranthene	870		ug/kg	350	350	U	ug/kg	350
Benzo (a) pyrene	910		ug/kg	350	350	U	ug/kg	350
Indeno (1,2,3-cd) pyrene	230	J	ug/kg	350	350	U	ug/kg	350
Dibenz (a,h) anthracene	350	U	ug/kg	350	350	U	ug/kg	350
Benzo (g,h,i) perylene	310	J	ug/kg	350	350	U	ug/kg	350

U= NOT DETECTED J= ESTIMATED VALUE
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R - RESULT IS REJECTED AND UNUSABLE

Surface Soils - Whiting Field
PESTICIDES / PCBS -- SITE 11 - VALIDATED DATA

	22526001				22526002				22526003				22526004			
Lab Sample Number:																
Site	WHITING				WHITING				WHITING				WHITING			
Locator	11-SL-01				11-SL-01A				11-SL-02				11-SL-03			
Collect Date:	18-AUG-92				18-AUG-92				18-AUG-92				18-AUG-92			
	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL
CLP PESTICIDES/PCBS 87-SOW																
alpha-BHC	8.8	U	ug/kg	8.8	8.9	U	ug/kg	8.9	490	UJ	ug/kg	490	18	U	ug/kg	18
beta-BHC	8.8	U	ug/kg	8.8	8.9	U	ug/kg	8.9	490	UJ	ug/kg	490	18	U	ug/kg	18
delta-BHC	8.8	U	ug/kg	8.8	8.9	U	ug/kg	8.9	490	UJ	ug/kg	490	18	U	ug/kg	18
gamma-BHC (Lindane)	8.8	U	ug/kg	8.8	8.9	U	ug/kg	8.9	490	UJ	ug/kg	490	18	U	ug/kg	18
Heptachlor	8.8	U	ug/kg	8.8	8.9	U	ug/kg	8.9	490	UJ	ug/kg	490	18	U	ug/kg	18
Aldrin	8.8	U	ug/kg	8.8	8.9	U	ug/kg	8.9	490	UJ	ug/kg	490	18	U	ug/kg	18
Heptachlor epoxide	8.8	U	ug/kg	8.8	8.9	U	ug/kg	8.9	490	UJ	ug/kg	490	18	U	ug/kg	18
Endosulfan I	8.8	U	ug/kg	8.8	8.9	U	ug/kg	8.9	490	UJ	ug/kg	490	18	U	ug/kg	18
Dieldrin	18	U	ug/kg	18	18	U	ug/kg	18	210	J	ug/kg	980	5.1	J	ug/kg	36
4,4-DDE	18	U	ug/kg	18	18	U	ug/kg	18	88	J	ug/kg	980	2.5	J	ug/kg	36
Endrin	18	U	ug/kg	18	18	U	ug/kg	18	980	UJ	ug/kg	980	36	U	ug/kg	36
Endosulfan II	18	U	ug/kg	18	18	U	ug/kg	18	980	UJ	ug/kg	980	36	U	ug/kg	36
4,4-DDD	18	U	ug/kg	18	18	U	ug/kg	18	140	J	ug/kg	980	36	U	ug/kg	36
Endosulfan sulfate	18	U	ug/kg	18	18	U	ug/kg	18	980	UJ	ug/kg	980	36	U	ug/kg	36
4,4-DDT	18	U	ug/kg	18	18	U	ug/kg	18	530	J	ug/kg	980	30	J	ug/kg	36
Methoxychlor	88	U	ug/kg	88	89	U	ug/kg	89	4900	UJ	ug/kg	4900	180	U	ug/kg	180
Endrin ketone	18	U	ug/kg	18	18	U	ug/kg	18	980	UJ	ug/kg	980	36	U	ug/kg	36
alpha-Chlordane	88	U	ug/kg	88	89	U	ug/kg	89	62	J	ug/kg	4900	180	U	ug/kg	180
gamma-Chlordane	88	U	ug/kg	88	89	U	ug/kg	89	54	J	ug/kg	4900	180	U	ug/kg	180
Toxaphene	180	U	ug/kg	180	180	U	ug/kg	180	9800	UJ	ug/kg	9800	360	U	ug/kg	360
Aroclor-1016	88	U	ug/kg	88	89	U	ug/kg	89	4900	UJ	ug/kg	4900	180	U	ug/kg	180
Aroclor-1221	88	U	ug/kg	88	89	U	ug/kg	89	4900	UJ	ug/kg	4900	180	U	ug/kg	180
Aroclor-1232	88	U	ug/kg	88	89	U	ug/kg	89	4900	UJ	ug/kg	4900	180	U	ug/kg	180
Aroclor-1242	88	U	ug/kg	88	89	U	ug/kg	89	4900	UJ	ug/kg	4900	180	U	ug/kg	180
Aroclor-1248	88	U	ug/kg	88	89	U	ug/kg	89	4900	UJ	ug/kg	4900	180	U	ug/kg	180
Aroclor-1254	180	U	ug/kg	180	180	U	ug/kg	180	9800	UJ	ug/kg	9800	360	U	ug/kg	360
Aroclor-1260	180	U	ug/kg	180	180	U	ug/kg	180	9800	UJ	ug/kg	9800	360	U	ug/kg	360

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Surface Soils - Whiting Field
PESTICIDES / PCBS -- SITE 11 - VALIDATED DATA

Lab Sample Number:	22526005				22526006			
Site	WHITING				WHITING			
Locator	11-SL-04				11-SL-05			
Collect Date:	18-AUG-92				18-AUG-92			
	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL
CLP PESTICIDES/PCBS 87-SOW								
alpha-BHC	43	U	ug/kg	43	340	U	ug/kg	340
beta-BHC	43	U	ug/kg	43	340	U	ug/kg	340
delta-BHC	43	U	ug/kg	43	340	U	ug/kg	340
gamma-BHC (Lindane)	43	U	ug/kg	43	340	U	ug/kg	340
Heptachlor	43	U	ug/kg	43	340	U	ug/kg	340
Aldrin	43	U	ug/kg	43	340	U	ug/kg	340
Heptachlor epoxide	43	U	ug/kg	43	340	U	ug/kg	340
Endosulfan I	43	U	ug/kg	43	340	U	ug/kg	340
Dieldrin	4.9	J	ug/kg	86	44	J	ug/kg	680
4,4-DDE	4.9	J	ug/kg	86	64	J	ug/kg	680
Endrin	86	U	ug/kg	86	680	U	ug/kg	680
Endosulfan II	86	U	ug/kg	86	680	U	ug/kg	680
4,4-DDD	86	U	ug/kg	86	680	U	ug/kg	680
Endosulfan sulfate	86	U	ug/kg	86	680	U	ug/kg	680
4,4-DDT	6.7	J	ug/kg	86	45	J	ug/kg	680
Methoxychlor	430	U	ug/kg	430	3400	U	ug/kg	3400
Endrin ketone	86	U	ug/kg	86	680	U	ug/kg	680
alpha-Chlordane	39	J	ug/kg	430	310	J	ug/kg	3400
gamma-Chlordane	29	J	ug/kg	430	260	J	ug/kg	3400
Toxaphene	860	U	ug/kg	860	6800	U	ug/kg	6800
Aroclor-1016	430	U	ug/kg	430	3400	U	ug/kg	3400
Aroclor-1221	430	U	ug/kg	430	3400	U	ug/kg	3400
Aroclor-1232	430	U	ug/kg	430	3400	U	ug/kg	3400
Aroclor-1242	430	U	ug/kg	430	3400	U	ug/kg	3400
Aroclor-1248	430	U	ug/kg	430	3400	U	ug/kg	3400
Aroclor-1254	860	U	ug/kg	860	6800	U	ug/kg	6800
Aroclor-1260	860	U	ug/kg	860	6800	U	ug/kg	6800

U= NOT DETECTED J= ESTIMATED VALUE
UJ - REPORTED QUANTITATION LIMIT IS QUALIFIED AS ESTIMATED
R - RESULT IS REJECTED AND UNUSABLE

WHITING FIELD ANALYTICAL RESULT REPORT
INORGANICS ---- METALS -- SITE 11 --- VALIDATED DATA

	Lab Sample Number:	22526001				22526002				22526003				22526004			
	Site	WHITING				WHITING				WHITING				WHITING			
	Locator	11-SL-01				11-SL-01A				11-SL-02				11-SL-03			
	Collect Date:	18-AUG-92				18-AUG-92				18-AUG-92				18-AUG-92			
		VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL
CLP METALS AND CYANIDE																	
Aluminum		9790		mg/kg	40	10800		mg/kg	40	10800		mg/kg	40	9380		mg/kg	40
Antimony		2.7	U	mg/kg	12	2.7	U	mg/kg	12	3.5	J	mg/kg	12	2.7	U	mg/kg	12
Arsenic		2	J	mg/kg	2	1.6	J	mg/kg	2	3.8		mg/kg	2	2.1	J	mg/kg	2
Barium		16.4	J	mg/kg	40	17.8	J	mg/kg	40	96		mg/kg	40	13.1	J	mg/kg	40
Beryllium		.13	J	mg/kg	1	.1	J	mg/kg	1	.14	J	mg/kg	1	.05	UJ	mg/kg	1
Cadmium		.6	U	mg/kg	1	.6	U	mg/kg	1	.67	U	mg/kg	1	.6	U	mg/kg	1
Calcium		183	J	mg/kg	1000	186	J	mg/kg	1000	1790		mg/kg	1000	375	J	mg/kg	1000
Chromium		6.9		mg/kg	2	7.4		mg/kg	2	19.6		mg/kg	2	7.7		mg/kg	2
Cobalt		1.2	J	mg/kg	10	1.6	J	mg/kg	10	3.4	J	mg/kg	10	1.2	J	mg/kg	10
Copper		5.2	J	mg/kg	5	5.1	J	mg/kg	5	19.4		mg/kg	5	5.3	J	mg/kg	5
Iron		5810		mg/kg	20	5860		mg/kg	20	11700		mg/kg	20	5500		mg/kg	20
Lead		5.7		mg/kg	1	5.5		mg/kg	1	2230		mg/kg	1	22.3		mg/kg	1
Magnesium		108	J	mg/kg	1000	142	J	mg/kg	1000	1260		mg/kg	1000	99.7	J	mg/kg	1000
Manganese		275		mg/kg	3	285		mg/kg	3	230		mg/kg	3	182		mg/kg	3
Mercury		.05	J	mg/kg	.1	.05	J	mg/kg	.1	.06	J	mg/kg	.1	.04	J	mg/kg	.1
Nickel		2.4	U	mg/kg	8	2.4	U	mg/kg	8	10		mg/kg	8	2.3	U	mg/kg	8
Potassium		132	U	mg/kg	1000	139	J	mg/kg	1000	166	J	mg/kg	1000	132	U	mg/kg	1000
Selenium		.46	U	mg/kg	1	.46	U	mg/kg	1	.51	U	mg/kg	1	.46	U	mg/kg	1
Silver		1.2	J	mg/kg	2	.67	J	mg/kg	2	1.9	J	mg/kg	2	.55	J	mg/kg	2
Sodium		177	J	mg/kg	1000	169	J	mg/kg	1000	307	J	mg/kg	1000	184	J	mg/kg	1000
Thallium		.35	U	mg/kg	2	.35	U	mg/kg	2	.39	U	mg/kg	2	.35	U	mg/kg	2
Vanadium		14.9		mg/kg	10	15.7		mg/kg	10	20.3		mg/kg	10	14.6		mg/kg	10
Zinc		8.8	J	mg/kg	4	9.9	J	mg/kg	4	260		mg/kg	4	47.8		mg/kg	4
Cyanide		.24	U	mg/kg	1	.24	U	mg/kg	1	.27	U	mg/kg	1	.24	U	mg/kg	1

U= NOT DETECTED J= ESTIMATED VALUE
UJ = REPORTED QUANTITATION LIMIT IS QUALIFIED AS ESTIMATED
R = RESULT IS REJECTED AND UNUSABLE

WHITING FIELD ANAL...CAL RESULT REPORT
INORGANICS ---- METALS -- SITE 11 --- VALIDATED DATA

Lab Sample Number:	22526005				22526006				
Site	WHITING				WHITING				
Locator	11-SL-04				11-SL-05				
Collect Date:	18-AUG-92				18-AUG-92				
	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	
CLP METALS AND CYANIDE									
Aluminum	6100		mg/kg	40	2110		mg/kg	40	
Antimony	2.6	U	mg/kg	12	2.6	U	mg/kg	12	
Arsenic	1.5	J	mg/kg	2	.93	J	mg/kg	2	
Barium	6.3	J	mg/kg	40	6.2	J	mg/kg	40	
Beryllium	.05	UJ	mg/kg	1	.05	UJ	mg/kg	1	
Cadmium	.58	U	mg/kg	1	.58	U	mg/kg	1	
Calcium	248	J	mg/kg	1000	331	J	mg/kg	1000	
Chromium	4.5		mg/kg	2	2.7		mg/kg	2	
Cobalt	.35	J	mg/kg	10	.33	UJ	mg/kg	10	
Copper	4	J	mg/kg	5	8.1		mg/kg	5	
Iron	3540		mg/kg	20	1500		mg/kg	20	
Lead	7.8		mg/kg	1	8.6		mg/kg	1	
Magnesium	82.7	J	mg/kg	1000	65.1	J	mg/kg	1000	
Manganese	39.4		mg/kg	3	31.4		mg/kg	3	
Mercury	.04	J	mg/kg	.1	.05	J	mg/kg	.1	
Nickel	2.3	U	mg/kg	8	2.3	U	mg/kg	8	
Potassium	128	U	mg/kg	1000	133	J	mg/kg	1000	
Selenium	.44	U	mg/kg	1	.45	U	mg/kg	1	
Silver	.93	J	mg/kg	2	.79	J	mg/kg	2	
Sodium	189	J	mg/kg	1000	177	J	mg/kg	1000	
Thallium	.34	U	mg/kg	2	.34	U	mg/kg	2	
Vanadium	9.5	J	mg/kg	10	4.4	J	mg/kg	10	
Zinc	9.4	J	mg/kg	4	21.5		mg/kg	4	
Cyanide	.23	U	mg/kg	1	.24	U	mg/kg	1	

U= NOT DETECTED J= ESTIMATED VALUE
UJ EPORTED QUANTITATION LIMIT IS QUALIFIED AS ESTIMATED
P ULT IS REJECTED AND UNUSABLE

SITE 13

Surface Soils - Whiting Field
VOLATILES -- SITE 13 - VALIDATED DATA

	Lab Sample Number:	33701007				33701008				33701009				33701010			
	Site	WHITING				WHITING				WHITING				WHITING			
	Locator	13-SL-01				13-SL-02				13-SL-03				13-SL-04			
	Collect Date:	18-AUG-92				18-AUG-92				18-AUG-92				18-AUG-92			
		VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL
CLP VOLATILES 87-SOW																	
Chloromethane		11	U	ug/kg	11	11	U	ug/kg	11	11	U	ug/kg	11	11	U	ug/kg	11
Bromomethane		11	U	ug/kg	11	11	U	ug/kg	11	11	U	ug/kg	11	11	U	ug/kg	11
Vinyl chloride		11	U	ug/kg	11	11	U	ug/kg	11	11	U	ug/kg	11	11	U	ug/kg	11
Chloroethane		11	U	ug/kg	11	11	U	ug/kg	11	11	U	ug/kg	11	11	U	ug/kg	11
Methylene chloride		15	UJ	ug/kg	5	13	UJ	ug/kg	6	12	UJ	ug/kg	5	13	UJ	ug/kg	6
Acetone		11	UJ	ug/kg	11	11	UJ	ug/kg	11	11	UJ	ug/kg	11	11	UJ	ug/kg	11
Carbon disulfide		5	U	ug/kg	5	6	U	ug/kg	6	5	U	ug/kg	5	6	U	ug/kg	6
1,1-Dichloroethene		5	U	ug/kg	5	6	U	ug/kg	6	5	U	ug/kg	5	6	U	ug/kg	6
1,1-Dichloroethane		5	U	ug/kg	5	6	U	ug/kg	6	5	U	ug/kg	5	6	U	ug/kg	6
1,2-Dichloroethene (total)		5	U	ug/kg	5	6	U	ug/kg	6	5	U	ug/kg	5	6	U	ug/kg	6
Chloroform		5	U	ug/kg	5	6	U	ug/kg	6	5	U	ug/kg	5	6	U	ug/kg	6
1,2-Dichloroethane		5	U	ug/kg	5	6	U	ug/kg	6	5	U	ug/kg	5	6	U	ug/kg	6
2-Butanone		11	U	ug/kg	11	11	U	ug/kg	11	11	U	ug/kg	11	11	U	ug/kg	11
1,1,1-Trichloroethane		5	U	ug/kg	5	6	U	ug/kg	6	5	U	ug/kg	5	6	U	ug/kg	6
Carbon tetrachloride		5	U	ug/kg	5	6	U	ug/kg	6	5	U	ug/kg	5	6	U	ug/kg	6
Vinyl acetate		11	U	ug/kg	11	11	U	ug/kg	11	11	U	ug/kg	11	11	U	ug/kg	11
Bromodichloromethane		5	U	ug/kg	5	6	U	ug/kg	6	5	U	ug/kg	5	6	U	ug/kg	6
1,2-Dichloropropane		5	U	ug/kg	5	6	U	ug/kg	6	5	U	ug/kg	5	6	U	ug/kg	6
cis-1,3-Dichloropropene		5	U	ug/kg	5	6	U	ug/kg	6	5	U	ug/kg	5	6	U	ug/kg	6
Trichloroethene		5	U	ug/kg	5	6	U	ug/kg	6	5	U	ug/kg	5	6	U	ug/kg	6
Dibromochloromethane		5	U	ug/kg	5	6	U	ug/kg	6	5	U	ug/kg	5	6	U	ug/kg	6
1,1,2-Trichloroethane		5	U	ug/kg	5	6	U	ug/kg	6	5	U	ug/kg	5	6	U	ug/kg	6
Benzene		5	U	ug/kg	5	6	U	ug/kg	6	5	U	ug/kg	5	6	U	ug/kg	6
trans-1,3-Dichloropropene		5	U	ug/kg	5	6	U	ug/kg	6	5	U	ug/kg	5	6	U	ug/kg	6
Bromoform		5	U	ug/kg	5	6	U	ug/kg	6	5	U	ug/kg	5	6	U	ug/kg	6
2-Hexanone		11	U	ug/kg	11	11	U	ug/kg	11	11	U	ug/kg	11	11	U	ug/kg	11
4-Methyl-2-pentanone		11	U	ug/kg	11	11	U	ug/kg	11	11	U	ug/kg	11	11	U	ug/kg	11
Tetrachloroethene		5	U	ug/kg	5	6	U	ug/kg	6	5	U	ug/kg	5	6	U	ug/kg	6
1,1,2,2-Tetrachloroethane		5	U	ug/kg	5	6	U	ug/kg	6	5	U	ug/kg	5	6	U	ug/kg	6
Toluene		5	U	ug/kg	5	6	U	ug/kg	6	5	U	ug/kg	5	6	U	ug/kg	6
Chlorobenzene		5	U	ug/kg	5	6	U	ug/kg	6	5	U	ug/kg	5	6	U	ug/kg	6
Ethylbenzene		5	U	ug/kg	5	6	U	ug/kg	6	5	U	ug/kg	5	6	U	ug/kg	6
Styrene		5	U	ug/kg	5	6	U	ug/kg	6	5	U	ug/kg	5	6	U	ug/kg	6
Xylenes (total)		5	U	ug/kg	5	6	U	ug/kg	6	5	U	ug/kg	5	6	U	ug/kg	6

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Surface Soils - Whiting Field
VOLATILES -- SITE 13 - VALIDATED DATA

Lab Sample Number:	33701011				33701012			
Site	WHITING				WHITING			
Locator	13-SL-05				13-SL-05A			
Collect Date:	18-AUG-92				18-AUG-92			
	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL
CLP VOLATILES 87-SOW								
Chloromethane	12	U	ug/kg	12	12	U	ug/kg	12
Bromomethane	12	U	ug/kg	12	12	U	ug/kg	12
Vinyl chloride	12	U	ug/kg	12	12	U	ug/kg	12
Chloroethane	12	U	ug/kg	12	12	U	ug/kg	12
Methylene chloride	17	UJ	ug/kg	6	13	UJ	ug/kg	6
Acetone	12	UJ	ug/kg	12	12	UJ	ug/kg	12
Carbon disulfide	6	U	ug/kg	6	6	U	ug/kg	6
1,1-Dichloroethene	6	U	ug/kg	6	6	U	ug/kg	6
1,1-Dichloroethane	6	U	ug/kg	6	6	U	ug/kg	6
1,2-Dichloroethene (total)	6	U	ug/kg	6	6	U	ug/kg	6
Chloroform	6	U	ug/kg	6	6	U	ug/kg	6
1,2-Dichloroethane	6	U	ug/kg	6	6	U	ug/kg	6
2-Butanone	12	U	ug/kg	12	12	U	ug/kg	12
1,1,1-Trichloroethane	6	U	ug/kg	6	6	U	ug/kg	6
Carbon tetrachloride	6	U	ug/kg	6	6	U	ug/kg	6
Vinyl acetate	12	U	ug/kg	12	12	U	ug/kg	12
Bromodichloromethane	6	U	ug/kg	6	6	U	ug/kg	6
1,2-Dichloropropane	6	U	ug/kg	6	6	U	ug/kg	6
cis-1,3-Dichloropropene	6	U	ug/kg	6	6	U	ug/kg	6
Trichloroethene	6	U	ug/kg	6	6	U	ug/kg	6
Dibromochloromethane	6	U	ug/kg	6	6	U	ug/kg	6
1,1,2-Trichloroethane	6	U	ug/kg	6	6	U	ug/kg	6
Benzene	6	U	ug/kg	6	6	U	ug/kg	6
trans-1,3-Dichloropropene	6	U	ug/kg	6	6	U	ug/kg	6
Bromoform	6	U	ug/kg	6	6	U	ug/kg	6
2-Hexanone	12	U	ug/kg	12	12	U	ug/kg	12
4-Methyl-2-pentanone	12	U	ug/kg	12	12	U	ug/kg	12
Tetrachloroethene	6	U	ug/kg	6	6	U	ug/kg	6
1,1,2,2-Tetrachloroethane	6	U	ug/kg	6	6	U	ug/kg	6
Toluene	6	U	ug/kg	6	6	U	ug/kg	6
Chlorobenzene	6	U	ug/kg	6	6	U	ug/kg	6
Ethylbenzene	6	U	ug/kg	6	6	U	ug/kg	6
Styrene	6	U	ug/kg	6	6	U	ug/kg	6
Xylenes (total)	6	U	ug/kg	6	6	U	ug/kg	6

U= NOT DETECTED J= ESTIMATED VALUE
UJ - REPORTED QUANTITATION LIMIT IS QUALIFIED AS ESTIMATED
P - RESULT IS REJECTED AND UNUSABLE

Surface Soils - Whiting Field
SEMIVOLATILES -- SITE 13 - VALIDATED DATA

Lab Sample Number:	22526007				22526008				22526009				22526010			
Site	WHITING				WHITING				WHITING				WHITING			
Locator	13-SL-01				13-SL-02				13-SL-03				13-SL-04			
Collect Date:	18-AUG-92				18-AUG-92				18-AUG-92				18-AUG-92			
	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL
CLP SEMIVOLATILES 87-SOW																
Phenol	370	U	ug/kg	370	370	U	ug/kg	370	370	U	ug/kg	370	380	U	ug/kg	380
bis(2-Chloroethyl) ether	370	U	ug/kg	370	370	U	ug/kg	370	370	U	ug/kg	370	380	U	ug/kg	380
2-Chlorophenol	370	U	ug/kg	370	370	U	ug/kg	370	370	U	ug/kg	370	380	U	ug/kg	380
1,3-Dichlorobenzene	370	U	ug/kg	370	370	U	ug/kg	370	370	U	ug/kg	370	380	U	ug/kg	380
1,4-Dichlorobenzene	370	U	ug/kg	370	370	U	ug/kg	370	370	U	ug/kg	370	380	U	ug/kg	380
Benzyl alcohol	370	UJ	ug/kg	370	370	UJ	ug/kg	370	370	UJ	ug/kg	370	380	U	ug/kg	380
1,2-Dichlorobenzene	370	U	ug/kg	370	370	U	ug/kg	370	370	U	ug/kg	370	380	U	ug/kg	380
2-Methylphenol	370	U	ug/kg	370	370	U	ug/kg	370	370	U	ug/kg	370	380	U	ug/kg	380
Bis(2-Chloroisopropyl) ether	370	U	ug/kg	370	370	U	ug/kg	370	370	U	ug/kg	370	380	U	ug/kg	380
4-Methylphenol	370	U	ug/kg	370	370	U	ug/kg	370	370	U	ug/kg	370	380	U	ug/kg	380
N-Nitroso-di-n-propylamine	370	U	ug/kg	370	370	U	ug/kg	370	370	U	ug/kg	370	380	U	ug/kg	380
Hexachloroethane	370	U	ug/kg	370	370	U	ug/kg	370	370	U	ug/kg	370	380	U	ug/kg	380
Nitrobenzene	370	U	ug/kg	370	370	U	ug/kg	370	370	U	ug/kg	370	380	U	ug/kg	380
Isophorone	370	U	ug/kg	370	370	U	ug/kg	370	370	U	ug/kg	370	380	U	ug/kg	380
2-Nitrophenol	370	U	ug/kg	370	370	U	ug/kg	370	370	U	ug/kg	370	380	U	ug/kg	380
2,4-Dimethylphenol	370	U	ug/kg	370	370	U	ug/kg	370	370	U	ug/kg	370	380	U	ug/kg	380
Benzoic acid	1800	U	ug/kg	1800	1800	U	ug/kg	1800	1800	U	ug/kg	1800	1800	UJ	ug/kg	1800
bis(2-Chloroethoxy) methane	370	U	ug/kg	370	370	U	ug/kg	370	370	U	ug/kg	370	380	U	ug/kg	380
2,4-Dichlorophenol	370	U	ug/kg	370	370	U	ug/kg	370	370	U	ug/kg	370	380	U	ug/kg	380
1,2,4-Trichlorobenzene	370	U	ug/kg	370	370	U	ug/kg	370	370	U	ug/kg	370	380	U	ug/kg	380
Naphthalene	370	U	ug/kg	370	370	U	ug/kg	370	370	U	ug/kg	370	380	U	ug/kg	380
4-Chloroaniline	370	U	ug/kg	370	370	U	ug/kg	370	370	U	ug/kg	370	380	UJ	ug/kg	380
Hexachlorobutadiene	370	U	ug/kg	370	370	U	ug/kg	370	370	U	ug/kg	370	380	U	ug/kg	380
4-Chloro-3-methylphenol	370	U	ug/kg	370	370	U	ug/kg	370	370	U	ug/kg	370	380	U	ug/kg	380
2-Methylnaphthalene	370	U	ug/kg	370	370	U	ug/kg	370	370	U	ug/kg	370	380	U	ug/kg	380
Hexachlorocyclopentadiene	370	UJ	ug/kg	370	370	UJ	ug/kg	370	370	UJ	ug/kg	370	380	UJ	ug/kg	380
2,4,6-Trichlorophenol	370	U	ug/kg	370	370	U	ug/kg	370	370	U	ug/kg	370	380	U	ug/kg	380
2,4,5-Trichlorophenol	1800	U	ug/kg	1800	1800	U	ug/kg	1800	1800	U	ug/kg	1800	1800	UJ	ug/kg	1800
2-Chloronaphthalene	370	U	ug/kg	370	370	U	ug/kg	370	370	U	ug/kg	370	380	U	ug/kg	380
2-Nitroaniline	1800	U	ug/kg	1800	1800	U	ug/kg	1800	1800	U	ug/kg	1800	1800	U	ug/kg	1800
Dimethylphthalate	370	U	ug/kg	370	370	U	ug/kg	370	370	U	ug/kg	370	380	U	ug/kg	380
Acenaphthylene	370	U	ug/kg	370	370	U	ug/kg	370	370	U	ug/kg	370	380	U	ug/kg	380
2,6-Dinitrotoluene	370	U	ug/kg	370	370	U	ug/kg	370	370	U	ug/kg	370	380	U	ug/kg	380
3-Nitroaniline	1800	U	ug/kg	1800	1800	U	ug/kg	1800	1800	U	ug/kg	1800	1800	UJ	ug/kg	1800
Acenaphthene	370	U	ug/kg	370	370	U	ug/kg	370	370	U	ug/kg	370	380	U	ug/kg	380
2,4-Dinitrophenol	1800	U	ug/kg	1800	1800	U	ug/kg	1800	1800	U	ug/kg	1800	1800	UJ	ug/kg	1800
4-Nitrophenol	1800	U	ug/kg	1800	1800	U	ug/kg	1800	1800	U	ug/kg	1800	1800	U	ug/kg	1800
Dibenzofuran	370	U	ug/kg	370	370	U	ug/kg	370	370	U	ug/kg	370	380	U	ug/kg	380
2,4-Dinitrotoluene	370	U	ug/kg	370	370	U	ug/kg	370	370	U	ug/kg	370	380	U	ug/kg	380
Diethylphthalate	370	U	ug/kg	370	370	U	ug/kg	370	370	U	ug/kg	370	380	U	ug/kg	380
4-Chlorophenyl-phenylether	370	U	ug/kg	370	370	U	ug/kg	370	370	U	ug/kg	370	380	U	ug/kg	380
Fluorene	370	U	ug/kg	370	370	U	ug/kg	370	370	U	ug/kg	370	380	U	ug/kg	380
4-Nitroaniline	1800	U	ug/kg	1800	1800	U	ug/kg	1800	1800	U	ug/kg	1800	1800	UJ	ug/kg	1800
4,6-Dinitro-2-methylphenol	1800	U	ug/kg	1800	1800	U	ug/kg	1800	1800	U	ug/kg	1800	1800	UJ	ug/kg	1800
N-Nitrosodiphenylamine (1)	370	U	ug/kg	370	370	U	ug/kg	370	370	U	ug/kg	370	380	U	ug/kg	380
4-Bromophenyl-phenylether	370	U	ug/kg	370	370	U	ug/kg	370	370	U	ug/kg	370	380	U	ug/kg	380
Hexachlorobenzene	370	U	ug/kg	370	370	U	ug/kg	370	370	U	ug/kg	370	380	U	ug/kg	380
Pentachlorophenol	1800	U	ug/kg	1800	1800	U	ug/kg	1800	1800	U	ug/kg	1800	1800	U	ug/kg	1800
Phenanthrene	370	U	ug/kg	370	370	U	ug/kg	370	370	U	ug/kg	370	380	U	ug/kg	380
Anthracene	370	U	ug/kg	370	370	U	ug/kg	370	370	U	ug/kg	370	380	U	ug/kg	380
Di-n-butylphthalate	370	U	ug/kg	370	370	U	ug/kg	370	370	U	ug/kg	370	380	U	ug/kg	380
Fluoranthene	51	J	ug/kg	370	370	U	ug/kg	370	370	U	ug/kg	370	380	U	ug/kg	380
Pyrene	61	J	ug/kg	370	370	U	ug/kg	370	370	U	ug/kg	370	380	U	ug/kg	380

Surface Soils - Whiting Field
SEMIVOLATILES -- SITE 13 - VALIDATED DATA

Lab Sample Number:	22526007				22526008				22526009				22526010			
Site	WHITING				WHITING				WHITING				WHITING			
Locator	13-SL-01				13-SL-02				13-SL-03				13-SL-04			
Collect Date:	18-AUG-92				18-AUG-92				18-AUG-92				18-AUG-92			
	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL
Butylbenzylphthalate	370	U	ug/kg	370	370	U	ug/kg	370	370	U	ug/kg	370	380	UJ	ug/kg	380
3,3-Dichlorobenzidine	730	U	ug/kg	730	750	U	ug/kg	750	730	U	ug/kg	730	760	U	ug/kg	760
Benzo (a) anthracene	370	U	ug/kg	370	370	U	ug/kg	370	370	U	ug/kg	370	380	U	ug/kg	380
Chrysene	370	U	ug/kg	370	370	U	ug/kg	370	370	U	ug/kg	370	380	U	ug/kg	380
bis(2-Ethylhexyl) phthalate	95	J	ug/kg	370	100	J	ug/kg	380	370	U	ug/kg	370	450		ug/kg	380
Di-n-octylphthalate	370	U	ug/kg	370	370	U	ug/kg	370	370	U	ug/kg	370	380	U	ug/kg	380
Benzo (b) fluoranthene	370	U	ug/kg	370	370	U	ug/kg	370	370	U	ug/kg	370	380	U	ug/kg	380
Benzo (k) fluoranthene	370	U	ug/kg	370	370	U	ug/kg	370	370	U	ug/kg	370	380	U	ug/kg	380
Benzo (a) pyrene	370	U	ug/kg	370	370	U	ug/kg	370	370	U	ug/kg	370	380	U	ug/kg	380
Indeno (1,2,3-cd) pyrene	370	U	ug/kg	370	370	U	ug/kg	370	370	U	ug/kg	370	380	UJ	ug/kg	380
Dibenz (a,h) anthracene	370	U	ug/kg	370	370	U	ug/kg	370	370	U	ug/kg	370	380	UJ	ug/kg	380
Benzo (g,h,i) perylene	370	U	ug/kg	370	370	U	ug/kg	370	370	U	ug/kg	370	380	UJ	ug/kg	380

U= NOT DETECTED J= ESTIMATED VALUE
UJ = REPORTED QUANTITATION LIMIT IS QUALIFIED AS ESTIMATED
R = RESULT IS REJECTED AND UNUSABLE

Surface Soils - Whiting Field
SEMIVOLATILES -- SITE 13 - VALIDATED DATA

Lab Sample Number:	22526011				22526012			
Site	WHITING				WHITING			
Locator	13-SL-05				13-SL-05A			
Collect Date:	18-AUG-92				18-AUG-92			
	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL
CLP SEMIVOLATILES 87-SOW								
Phenol	390	U	ug/kg	390	400	U	ug/kg	400
bis(2-Chloroethyl) ether	390	U	ug/kg	390	400	U	ug/kg	400
2-Chlorophenol	390	U	ug/kg	390	400	U	ug/kg	400
1,3-Dichlorobenzene	390	U	ug/kg	390	400	U	ug/kg	400
1,4-Dichlorobenzene	390	U	ug/kg	390	400	U	ug/kg	400
Benzyl alcohol	390	U	ug/kg	390	400	U	ug/kg	400
1,2-Dichlorobenzene	390	U	ug/kg	390	400	U	ug/kg	400
2-Methylphenol	390	U	ug/kg	390	400	U	ug/kg	400
Bis(2-Chloroisopropyl) ether	390	U	ug/kg	390	400	U	ug/kg	400
4-Methylphenol	390	U	ug/kg	390	400	U	ug/kg	400
N-Nitroso-di-n-propylamine	390	U	ug/kg	390	400	U	ug/kg	400
Hexachloroethane	390	U	ug/kg	390	400	U	ug/kg	400
Nitrobenzene	390	U	ug/kg	390	400	U	ug/kg	400
Isophorone	390	U	ug/kg	390	400	U	ug/kg	400
2-Nitrophenol	390	U	ug/kg	390	400	U	ug/kg	400
2,4-Dimethylphenol	390	U	ug/kg	390	400	U	ug/kg	400
Benzoic acid	1900	UJ	ug/kg	1900	1900	UJ	ug/kg	1900
bis(2-Chloroethoxy) methane	390	U	ug/kg	390	400	U	ug/kg	400
2,4-Dichlorophenol	390	U	ug/kg	390	400	U	ug/kg	400
1,2,4-Trichlorobenzene	390	U	ug/kg	390	400	U	ug/kg	400
Naphthalene	390	U	ug/kg	390	400	U	ug/kg	400
4-Chloroaniline	390	UJ	ug/kg	390	400	UJ	ug/kg	400
Hexachlorobutadiene	390	U	ug/kg	390	400	U	ug/kg	400
4-Chloro-3-methylphenol	390	U	ug/kg	390	400	U	ug/kg	400
2-Methylnaphthalene	390	U	ug/kg	390	400	U	ug/kg	400
Hexachlorocyclopentadiene	390	UJ	ug/kg	390	400	UJ	ug/kg	400
2,4,6-Trichlorophenol	390	U	ug/kg	390	400	U	ug/kg	400
2,4,5-Trichlorophenol	1900	UJ	ug/kg	1900	1900	UJ	ug/kg	1900
2-Chloronaphthalene	390	U	ug/kg	390	400	U	ug/kg	400
2-Nitroaniline	1900	U	ug/kg	1900	1900	U	ug/kg	1900
Dimethylphthalate	390	U	ug/kg	390	400	U	ug/kg	400
Acenaphthylene	390	U	ug/kg	390	400	U	ug/kg	400
2,6-Dinitrotoluene	390	U	ug/kg	390	400	U	ug/kg	400
3-Nitroaniline	1900	UJ	ug/kg	1900	1900	UJ	ug/kg	1900
Acenaphthene	390	U	ug/kg	390	400	U	ug/kg	400
2,4-Dinitrophenol	1900	UJ	ug/kg	1900	1900	UJ	ug/kg	1900
4-Nitrophenol	1900	U	ug/kg	1900	1900	U	ug/kg	1900
Dibenzofuran	390	U	ug/kg	390	400	U	ug/kg	400
2,4-Dinitrotoluene	390	U	ug/kg	390	400	U	ug/kg	400
Diethylphthalate	390	U	ug/kg	390	400	U	ug/kg	400
4-Chlorophenyl-phenylether	390	U	ug/kg	390	400	U	ug/kg	400
Fluorene	390	U	ug/kg	390	400	U	ug/kg	400
4-Nitroaniline	1900	UJ	ug/kg	1900	1900	UJ	ug/kg	1900
4,6-Dinitro-2-methylphenol	1900	UJ	ug/kg	1900	1900	UJ	ug/kg	1900
N-Nitrosodiphenylamine (1)	390	U	ug/kg	390	400	U	ug/kg	400
4-Bromophenyl-phenylether	390	U	ug/kg	390	400	U	ug/kg	400
Hexachlorobenzene	390	U	ug/kg	390	400	U	ug/kg	400
Pentachlorophenol	1900	U	ug/kg	1900	1900	U	ug/kg	1900
Phenanthrene	390	U	ug/kg	390	400	U	ug/kg	400
Anthracene	390	U	ug/kg	390	400	U	ug/kg	400
Di-n-butylphthalate	390	U	ug/kg	390	400	U	ug/kg	400
Fluoranthene	390	U	ug/kg	390	400	U	ug/kg	400

Surface Soils - Whiting Field
SEMIVOLATILES -- SITE 13 - VALIDATED DATA

Lab Sample Number:	22526011				22526012			
Site	WHITING				WHITING			
Locator	13-SL-05				13-SL-05A			
Collect Date:	18-AUG-92				18-AUG-92			
	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL
Pyrene	390	U	ug/kg	390	400	U	ug/kg	400
Butylbenzylphthalate	390	U	ug/kg	390	400	U	ug/kg	400
3,3-Dichlorobenzidine	790	UJ	ug/kg	790	800	UJ	ug/kg	800
Benzo (a) anthracene	390	U	ug/kg	390	400	U	ug/kg	400
Chrysene	390	U	ug/kg	390	400	U	ug/kg	400
bis(2-Ethylhexyl) phthalate	390	U	ug/kg	390	64	J	ug/kg	400
Di-n-octylphthalate	390	U	ug/kg	390	400	U	ug/kg	400
Benzo (b) fluoranthene	390	U	ug/kg	390	400	U	ug/kg	400
Benzo (k) fluoranthene	390	U	ug/kg	390	400	U	ug/kg	400
Benzo (a) pyrene	390	U	ug/kg	390	400	U	ug/kg	400
Indeno (1,2,3-cd) pyrene	390	UJ	ug/kg	390	400	UJ	ug/kg	400
Dibenz (a,h) anthracene	390	UJ	ug/kg	390	400	UJ	ug/kg	400
Benzo (g,h,i) perylene	390	UJ	ug/kg	390	400	UJ	ug/kg	400

U= NOT DETECTED J= ESTIMATED VALUE
U: EPORTED QUANTITATION LIMIT IS QUALIFIED AS ESTIMATED
R ULT IS REJECTED AND UNUSABLE

Surface Soils - Whiting Field
PESTICIDES / PCBS -- SITE 13 - VALIDATED DATA

Lab Sample Number:	22526007				22526008				22526009				22526010			
Site	WHITING				WHITING				WHITING				WHITING			
Locator	13-SL-01				13-SL-02				13-SL-03				13-SL-04			
Collect Date:	18-AUG-92				18-AUG-92				18-AUG-92				18-AUG-92			
	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL
CLP PESTICIDES/PCBS 87-SOW																
alpha-BHC	8.9	U	ug/kg	8.9	9.1	U	ug/kg	9.1	8.9	U	ug/kg	8.9	9.2	U	ug/kg	9.2
beta-BHC	8.9	U	ug/kg	8.9	9.1	U	ug/kg	9.1	8.9	U	ug/kg	8.9	9.2	U	ug/kg	9.2
delta-BHC	8.9	U	ug/kg	8.9	9.1	U	ug/kg	9.1	8.9	U	ug/kg	8.9	9.2	U	ug/kg	9.2
gamma-BHC (Lindane)	8.9	U	ug/kg	8.9	9.1	U	ug/kg	9.1	8.9	U	ug/kg	8.9	9.2	U	ug/kg	9.2
Heptachlor	8.9	U	ug/kg	8.9	9.1	U	ug/kg	9.1	8.9	U	ug/kg	8.9	9.2	U	ug/kg	9.2
Aldrin	8.9	U	ug/kg	8.9	9.1	U	ug/kg	9.1	8.9	U	ug/kg	8.9	9.2	U	ug/kg	9.2
Heptachlor epoxide	8.9	U	ug/kg	8.9	9.1	U	ug/kg	9.1	8.9	U	ug/kg	8.9	9.2	U	ug/kg	9.2
Endosulfan I	8.9	U	ug/kg	8.9	9.1	U	ug/kg	9.1	8.9	U	ug/kg	8.9	9.2	U	ug/kg	9.2
Dieldrin	18	U	ug/kg	18	18	U	ug/kg	18	18	U	ug/kg	18	18	U	ug/kg	18
4,4-DDE	18	U	ug/kg	18	18	U	ug/kg	18	18	U	ug/kg	18	18	U	ug/kg	18
Endrin	18	U	ug/kg	18	18	U	ug/kg	18	18	U	ug/kg	18	18	U	ug/kg	18
Endosulfan II	18	U	ug/kg	18	18	U	ug/kg	18	18	U	ug/kg	18	18	U	ug/kg	18
4,4-DDD	18	U	ug/kg	18	18	U	ug/kg	18	18	U	ug/kg	18	18	U	ug/kg	18
Endosulfan sulfate	18	U	ug/kg	18	18	U	ug/kg	18	18	U	ug/kg	18	18	U	ug/kg	18
4,4-DDT	18	U	ug/kg	18	18	U	ug/kg	18	18	U	ug/kg	18	18	U	ug/kg	18
Methoxychlor	89	U	ug/kg	89	91	U	ug/kg	91	89	U	ug/kg	89	92	U	ug/kg	92
Endrin ketone	18	U	ug/kg	18	18	U	ug/kg	18	18	U	ug/kg	18	18	U	ug/kg	18
alpha-Chlordane	89	U	ug/kg	89	91	U	ug/kg	91	89	U	ug/kg	89	92	U	ug/kg	92
gamma-Chlordane	89	U	ug/kg	89	91	U	ug/kg	91	89	U	ug/kg	89	92	U	ug/kg	92
Toxaphene	180	U	ug/kg	180	180	U	ug/kg	180	180	U	ug/kg	180	180	U	ug/kg	180
Aroclor-1016	89	U	ug/kg	89	91	U	ug/kg	91	89	U	ug/kg	89	92	U	ug/kg	92
Aroclor-1221	89	U	ug/kg	89	91	U	ug/kg	91	89	U	ug/kg	89	92	U	ug/kg	92
Aroclor-1232	89	U	ug/kg	89	91	U	ug/kg	91	89	U	ug/kg	89	92	U	ug/kg	92
Aroclor-1242	89	U	ug/kg	89	91	U	ug/kg	91	89	U	ug/kg	89	92	U	ug/kg	92
Aroclor-1248	89	U	ug/kg	89	91	U	ug/kg	91	89	U	ug/kg	89	92	U	ug/kg	92
Aroclor-1254	180	U	ug/kg	180	180	U	ug/kg	180	180	U	ug/kg	180	180	U	ug/kg	180
Aroclor-1260	180	U	ug/kg	180	180	U	ug/kg	180	180	U	ug/kg	180	180	U	ug/kg	180

U= NOT DETECTED J= ESTIMATED VALUE
UJ = REPORTED QUANTITATION LIMIT IS QUALIFIED AS ESTIMATED
R = RESULT IS REJECTED AND UNUSABLE

Surface Soils - Whiting Field
PESTICIDES / PCBS -- SITE 13 - VALIDATED DATA

Lab Sample Number:	22526011				22526012			
Site	WHITING				WHITING			
Locator	13-SL-05				13-SL-05A			
Collect Date:	18-AUG-92				18-AUG-92			
	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL
CLP PESTICIDES/PCBS 87-SOW								
alpha-BHC	9.5	U	ug/kg	9.5	9.6	U	ug/kg	9.6
beta-BHC	9.5	U	ug/kg	9.5	9.6	U	ug/kg	9.6
delta-BHC	9.5	U	ug/kg	9.5	9.6	U	ug/kg	9.6
gamma-BHC (Lindane)	9.5	U	ug/kg	9.5	9.6	U	ug/kg	9.6
Heptachlor	9.5	U	ug/kg	9.5	9.6	U	ug/kg	9.6
Aldrin	9.5	U	ug/kg	9.5	9.6	U	ug/kg	9.6
Heptachlor epoxide	9.5	U	ug/kg	9.5	9.6	U	ug/kg	9.6
Endosulfan I	9.5	U	ug/kg	9.5	9.6	U	ug/kg	9.6
Dieldrin	19	U	ug/kg	19	19	U	ug/kg	19
4,4-DDE	19	U	ug/kg	19	19	U	ug/kg	19
Endrin	19	U	ug/kg	19	19	U	ug/kg	19
Endosulfan II	19	U	ug/kg	19	19	U	ug/kg	19
4,4-DDD	19	U	ug/kg	19	19	U	ug/kg	19
Endosulfan sulfate	19	U	ug/kg	19	19	U	ug/kg	19
4,4-DDT	19	U	ug/kg	19	19	U	ug/kg	19
Methoxychlor	95	U	ug/kg	95	96	U	ug/kg	96
Endrin ketone	19	U	ug/kg	19	19	U	ug/kg	19
alpha-Chlordane	95	U	ug/kg	95	96	U	ug/kg	96
gamma-Chlordane	95	U	ug/kg	95	96	U	ug/kg	96
Toxaphene	190	U	ug/kg	190	190	U	ug/kg	190
Aroclor-1016	95	U	ug/kg	95	96	U	ug/kg	96
Aroclor-1221	95	U	ug/kg	95	96	U	ug/kg	96
Aroclor-1232	95	U	ug/kg	95	96	U	ug/kg	96
Aroclor-1242	95	U	ug/kg	95	96	U	ug/kg	96
Aroclor-1248	95	U	ug/kg	95	96	U	ug/kg	96
Aroclor-1254	190	U	ug/kg	190	190	U	ug/kg	190
Aroclor-1260	190	U	ug/kg	190	190	U	ug/kg	190

U= NOT DETECTED J= ESTIMATED VALUE
UJ) PORTED QUANTITATION LIMIT IS QUALIFIED AS ESTIMATED
R) ILT IS REJECTED AND UNUSABLE

WHITING FIELD ANALYTICAL RESULT REPORT
INORGANICS ---- METALS -- SITE 13 --- VALIDATED DATA

	Lab Sample Number:	22526007				22526008				22526009				22526010			
	Site	WHITING				WHITING				WHITING				WHITING			
	Locator	13-SL-01				13-SL-02				13-SL-03				13-SL-04			
	Collect Date:	18-AUG-92				18-AUG-92				18-AUG-92				18-AUG-92			
		VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL
CLP METALS AND CYANIDE																	
	Aluminum	14100		mg/kg	40	19300		mg/kg	40	10900		mg/kg	40	20900		mg/kg	40
	Antimony	2.7	U	mg/kg	12	2.8	U	mg/kg	12	2.7	U	mg/kg	12	2.9	U	mg/kg	12
	Arsenic	2.9		mg/kg	2	3.9		mg/kg	2	3.4		mg/kg	2	6.9		mg/kg	2
	Barium	9.5	J	mg/kg	40	7.6	J	mg/kg	40	5.9	J	mg/kg	40	9.1	J	mg/kg	40
	Beryllium	.07	J	mg/kg	1	.08	J	mg/kg	1	.06	J	mg/kg	1	.16	J	mg/kg	1
	Cadmium	.6	U	mg/kg	1	.61	U	mg/kg	1	.61	U	mg/kg	1	.64	U	mg/kg	1
	Calcium	525	J	mg/kg	1000	143	J	mg/kg	1000	350	J	mg/kg	1000	355	J	mg/kg	1000
	Chromium	11.6		mg/kg	2	18.6		mg/kg	2	11		mg/kg	2	17.7		mg/kg	2
	Cobalt	.34	UJ	mg/kg	10	.73	J	mg/kg	10	.51	J	mg/kg	10	1.3	J	mg/kg	10
	Copper	9.2		mg/kg	5	5.9		mg/kg	5	7.6		mg/kg	5	5.2	J	mg/kg	5
	Iron	8150		mg/kg	20	14900		mg/kg	20	8990		mg/kg	20	15500		mg/kg	20
	Lead	5.8		mg/kg	1	5.8		mg/kg	1	4.6		mg/kg	1	10.5		mg/kg	1
	Magnesium	172	J	mg/kg	1000	98.9	J	mg/kg	1000	107	J	mg/kg	1000	87.5	J	mg/kg	1000
	Manganese	32.8		mg/kg	3	25.4		mg/kg	3	18.7		mg/kg	3	62.1		mg/kg	3
	Mercury	.04	J	mg/kg	.1	.05	J	mg/kg	.1	.04	J	mg/kg	.1	.04	J	mg/kg	.1
	Nickel	2.4	U	mg/kg	8	2.8	J	mg/kg	8	2.4	U	mg/kg	8	2.5	U	mg/kg	8
	Potassium	132	U	mg/kg	1000	135	U	mg/kg	1000	133	U	mg/kg	1000	140	U	mg/kg	1000
	Selenium	.46	U	mg/kg	1	.47	U	mg/kg	1	.46	U	mg/kg	1	.48	U	mg/kg	1
	Silver	.74	J	mg/kg	2	.76	J	mg/kg	2	.39	J	mg/kg	2	1.2	J	mg/kg	2
	Sodium	181	J	mg/kg	1000	202	J	mg/kg	1000	173	J	mg/kg	1000	193	J	mg/kg	1000
	Thallium	.35	U	mg/kg	2	.35	U	mg/kg	2	.35	U	mg/kg	2	.37	U	mg/kg	2
	Vanadium	23.1		mg/kg	10	41.3		mg/kg	10	26.5		mg/kg	10	42		mg/kg	10
	Zinc	13.2		mg/kg	4	8.2	J	mg/kg	4	7.8	J	mg/kg	4	10.8	J	mg/kg	4
	Cyanide	.24	U	mg/kg	1	.25	U	mg/kg	1	.24	U	mg/kg	1	.25	U	mg/kg	1

U= NOT DETECTED J= ESTIMATED VALUE
UJ = REPORTED QUANTITATION LIMIT IS QUALIFIED AS ESTIMATED
R = RESULT IS REJECTED AND UNUSABLE

WHITING FIELD ANALYTICAL RESULT REPORT
INORGANICS ---- METALS -- SITE 13 --- VALIDATED DATA

Lab Sample Number:	22526011				22526012				
Site	WHITING				WHITING				
Locator	13-SL-05				13-SL-05A				
Collect Date:	18-AUG-92				18-AUG-92				
	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	
CLP METALS AND CYANIDE									
Aluminum	10500		mg/kg	40	8070		mg/kg	40	
Antimony	2.9	U	mg/kg	12	2.9	U	mg/kg	12	
Arsenic	2.4		mg/kg	2	2	J	mg/kg	2	
Barium	7.9	J	mg/kg	40	6.6	J	mg/kg	40	
Beryllium	.06	UJ	mg/kg	1	.06	UJ	mg/kg	1	
Cadmium	.65	U	mg/kg	1	.64	U	mg/kg	1	
Calcium	78.4	J	mg/kg	1000	92.4	J	mg/kg	1000	
Chromium	8.2		mg/kg	2	7.4		mg/kg	2	
Cobalt	.74	J	mg/kg	10	1	J	mg/kg	10	
Copper	4		mg/kg	5	4.2	J	mg/kg	5	
Iron	6680		mg/kg	20	4960		mg/kg	20	
Lead	3.2		mg/kg	1	4		mg/kg	1	
Magnesium	57.5	J	mg/kg	1000	50.6	J	mg/kg	1000	
Manganese	79.1		mg/kg	3	77		mg/kg	3	
Mercury	.05	J	mg/kg	.1	.05	J	mg/kg	.1	
Nickel	2.5	U	mg/kg	8	2.9	J	mg/kg	8	
Potassium	143	U	mg/kg	1000	141	U	mg/kg	1000	
Selenium	.5	U	mg/kg	1	.49	U	mg/kg	1	
Silver	.48	J	mg/kg	2	.36	J	mg/kg	2	
Sodium	176	J	mg/kg	1000	262	J	mg/kg	1000	
Thallium	.38	U	mg/kg	2	.37	U	mg/kg	2	
Vanadium	17.5		mg/kg	10	13.1		mg/kg	10	
Zinc	17.5		mg/kg	4	16.1		mg/kg	4	
Cyanide	.26	U	mg/kg	1	.26	U	mg/kg	1	

U= NOT DETECTED J= ESTIMATED VALUE
UJ [illegible]PORTED QUANTITATION LIMIT IS QUALIFIED AS ESTIMATED
P [illegible]ULT IS REJECTED AND UNUSABLE

SITE 14

Surface Soils - Whiting Field
VOLATILES / SEMIVOLATILES / PESTICIDES / PCBS -- SITE 14 - VALIDATED DATA

Lab Sample Number:	22454015				22454016				22454017			
Site	WHITING				WHITING				WHITING			
Locator	14-SL-01				14-SL-02				14-SL-03			
Collect Date:	11-AUG-92				11-AUG-92				11-AUG-92			
	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL
CLP VOLATILES 87-SOW												
Chloromethane	11	U	ug/kg	11	11	U	ug/kg	11	11	U	ug/kg	11
Bromomethane	11	U	ug/kg	11	11	U	ug/kg	11	11	U	ug/kg	11
Vinyl chloride	11	U	ug/kg	11	11	U	ug/kg	11	11	U	ug/kg	11
Chloroethane	11	U	ug/kg	11	11	U	ug/kg	11	11	U	ug/kg	11
Methylene chloride	6	UJ	ug/kg	6	6	UJ	ug/kg	6	6	UJ	ug/kg	5
Acetone	11	UJ	ug/kg	11	11	UJ	ug/kg	11	11	U	ug/kg	11
Carbon disulfide	6	U	ug/kg	6	6	U	ug/kg	6	5	U	ug/kg	5
1,1-Dichloroethene	6	U	ug/kg	6	6	U	ug/kg	6	5	U	ug/kg	5
1,1-Dichloroethane	6	U	ug/kg	6	6	U	ug/kg	6	5	U	ug/kg	5
1,2-Dichloroethene (total)	6	U	ug/kg	6	6	U	ug/kg	6	5	U	ug/kg	5
Chloroform	6	U	ug/kg	6	6	U	ug/kg	6	5	U	ug/kg	5
1,2-Dichloroethane	6	U	ug/kg	6	6	U	ug/kg	6	5	U	ug/kg	5
2-Butanone	11	U	ug/kg	11	11	U	ug/kg	11	11	U	ug/kg	11
1,1,1-Trichloroethane	6	U	ug/kg	6	6	U	ug/kg	6	5	U	ug/kg	5
Carbon tetrachloride	6	U	ug/kg	6	6	U	ug/kg	6	5	U	ug/kg	5
Vinyl acetate	11	U	ug/kg	11	11	U	ug/kg	11	11	U	ug/kg	11
Bromodichloromethane	6	U	ug/kg	6	6	U	ug/kg	6	5	U	ug/kg	5
1,2-Dichloropropane	6	U	ug/kg	6	6	U	ug/kg	6	5	U	ug/kg	5
cis-1,3-Dichloropropene	6	U	ug/kg	6	6	U	ug/kg	6	5	U	ug/kg	5
Trichloroethene	6	U	ug/kg	6	6	U	ug/kg	6	5	U	ug/kg	5
Dibromochloromethane	6	U	ug/kg	6	6	U	ug/kg	6	5	U	ug/kg	5
1,1,2-Trichloroethane	6	U	ug/kg	6	6	U	ug/kg	6	5	U	ug/kg	5
Benzene	6	U	ug/kg	6	6	U	ug/kg	6	5	U	ug/kg	5
trans-1,3-Dichloropropene	6	U	ug/kg	6	6	U	ug/kg	6	5	U	ug/kg	5
Bromoform	6	U	ug/kg	6	6	U	ug/kg	6	5	U	ug/kg	5
2-Hexanone	11	U	ug/kg	11	11	U	ug/kg	11	11	U	ug/kg	11
4-Methyl-2-pentanone	11	U	ug/kg	11	11	U	ug/kg	11	11	U	ug/kg	11
Tetrachloroethene	6	U	ug/kg	6	6	U	ug/kg	6	5	U	ug/kg	5
1,1,2,2-Tetrachloroethane	6	U	ug/kg	6	6	U	ug/kg	6	5	U	ug/kg	5
Toluene	6	U	ug/kg	6	6	U	ug/kg	6	5	U	ug/kg	5
Chlorobenzene	6	U	ug/kg	6	6	U	ug/kg	6	5	U	ug/kg	5
Ethylbenzene	6	U	ug/kg	6	6	U	ug/kg	6	5	U	ug/kg	5
Styrene	6	U	ug/kg	6	6	U	ug/kg	6	5	U	ug/kg	5
Xylenes (total)	2	J	ug/kg	6	6	U	ug/kg	6	5	U	ug/kg	5
CLP PESTICIDES/PCBS 87-SOW												
alpha-BHC	8.9	U	ug/kg	8.9	9.2	U	ug/kg	9.2	8.6	U	ug/kg	8.6
beta-BHC	8.9	U	ug/kg	8.9	9.2	U	ug/kg	9.2	8.6	U	ug/kg	8.6
delta-BHC	8.9	U	ug/kg	8.9	9.2	U	ug/kg	9.2	8.6	U	ug/kg	8.6
gamma-BHC (Lindane)	8.9	U	ug/kg	8.9	9.2	U	ug/kg	9.2	8.6	U	ug/kg	8.6
Heptachlor	8.9	U	ug/kg	8.9	9.2	U	ug/kg	9.2	8.6	U	ug/kg	8.6
Aldrin	8.9	U	ug/kg	8.9	9.2	U	ug/kg	9.2	8.6	U	ug/kg	8.6
Heptachlor epoxide	8.9	U	ug/kg	8.9	9.2	U	ug/kg	9.2	8.6	U	ug/kg	8.6
Endosulfan I	8.9	U	ug/kg	8.9	9.2	U	ug/kg	9.2	8.6	U	ug/kg	8.6
Dieldrin	18	U	ug/kg	18	18	U	ug/kg	18	17	U	ug/kg	17
4,4-DDE	18	U	ug/kg	18	18	U	ug/kg	18	17	U	ug/kg	17
Endrin	18	U	ug/kg	18	18	U	ug/kg	18	17	U	ug/kg	17
Endosulfan II	18	U	ug/kg	18	18	U	ug/kg	18	17	U	ug/kg	17
4,4-DDD	18	U	ug/kg	18	18	U	ug/kg	18	17	U	ug/kg	17
Endosulfan sulfate	18	U	ug/kg	18	18	U	ug/kg	18	17	U	ug/kg	17
4,4-DDT	18	U	ug/kg	18	18	U	ug/kg	18	17	U	ug/kg	17
Methoxychlor	89	U	ug/kg	89	92	U	ug/kg	92	86	U	ug/kg	86
Endrin ketone	18	U	ug/kg	18	18	U	ug/kg	18	17	U	ug/kg	17

Surface Soils - Whiting Field
VOLATILES / SEMIVOLATILES / PESTICIDES / PCBS -- SITE 14 - VALIDATED DATA

	Lab Sample Number:	22454015				22454016				22454017			
	Site	WHITING				WHITING				WHITING			
	Locator	14-SL-01				14-SL-02				14-SL-03			
	Collect Date:	11-AUG-92				11-AUG-92				11-AUG-92			
		VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL
alpha-Chlordane		89	U	ug/kg	89	92	U	ug/kg	92	86	U	ug/kg	86
gamma-Chlordane		89	U	ug/kg	89	92	U	ug/kg	92	86	U	ug/kg	86
Toxaphene		180	U	ug/kg	180	180	U	ug/kg	180	170	U	ug/kg	170
Aroclor-1016		89	U	ug/kg	89	92	U	ug/kg	92	86	U	ug/kg	86
Aroclor-1221		89	U	ug/kg	89	92	U	ug/kg	92	86	U	ug/kg	86
Aroclor-1232		89	U	ug/kg	89	92	U	ug/kg	92	86	U	ug/kg	86
Aroclor-1242		89	U	ug/kg	89	92	U	ug/kg	92	86	U	ug/kg	86
Aroclor-1248		89	U	ug/kg	89	92	U	ug/kg	92	86	U	ug/kg	86
Aroclor-1254		180	U	ug/kg	180	180	U	ug/kg	180	170	U	ug/kg	170
Aroclor-1260		180	U	ug/kg	180	180	U	ug/kg	180	170	U	ug/kg	170
CLP SEMIVOLATILES 87-SOW													
Phenol		370	U	ug/kg	370	380	U	ug/kg	380	350	U	ug/kg	350
bis(2-Chloroethyl) ether		370	U	ug/kg	370	380	U	ug/kg	380	350	U	ug/kg	350
2-Chlorophenol		370	U	ug/kg	370	380	U	ug/kg	380	350	U	ug/kg	350
1,3-Dichlorobenzene		370	U	ug/kg	370	380	U	ug/kg	380	350	U	ug/kg	350
1,4-Dichlorobenzene		370	U	ug/kg	370	380	U	ug/kg	380	350	U	ug/kg	350
Benzyl alcohol		370	U	ug/kg	370	380	U	ug/kg	380	350	U	ug/kg	350
1,2-Dichlorobenzene		370	U	ug/kg	370	380	U	ug/kg	380	350	U	ug/kg	350
2-Methylphenol		370	U	ug/kg	370	380	U	ug/kg	380	350	U	ug/kg	350
Bis(2-Chloroisopropyl) ether		370	U	ug/kg	370	380	U	ug/kg	380	350	U	ug/kg	350
4-Methylphenol		370	U	ug/kg	370	380	U	ug/kg	380	350	U	ug/kg	350
N-Nitroso-di-n-propylamine		370	U	ug/kg	370	380	U	ug/kg	380	350	U	ug/kg	350
Hexachloroethane		370	U	ug/kg	370	380	U	ug/kg	380	350	U	ug/kg	350
Nitrobenzene		370	U	ug/kg	370	380	U	ug/kg	380	350	U	ug/kg	350
Isophorone		370	U	ug/kg	370	380	U	ug/kg	380	350	U	ug/kg	350
2-Nitrophenol		370	U	ug/kg	370	380	U	ug/kg	380	350	U	ug/kg	350
2,4-Dimethylphenol		370	U	ug/kg	370	380	U	ug/kg	380	350	U	ug/kg	350
Benzoic acid		1800	U	ug/kg	1800	1800	U	ug/kg	1800	1700	U	ug/kg	1700
bis(2-Chloroethoxy) methane		370	U	ug/kg	370	380	U	ug/kg	380	350	U	ug/kg	350
2,4-Dichlorophenol		370	U	ug/kg	370	380	U	ug/kg	380	350	U	ug/kg	350
1,2,4-Trichlorobenzene		370	U	ug/kg	370	380	U	ug/kg	380	350	U	ug/kg	350
Naphthalene		370	U	ug/kg	370	380	U	ug/kg	380	350	U	ug/kg	350
4-Chloroaniline		370	U	ug/kg	370	380	U	ug/kg	380	350	U	ug/kg	350
Hexachlorobutadiene		370	U	ug/kg	370	380	U	ug/kg	380	350	U	ug/kg	350
4-Chloro-3-methylphenol		370	U	ug/kg	370	380	U	ug/kg	380	350	U	ug/kg	350
2-Methylnaphthalene		370	U	ug/kg	370	380	U	ug/kg	380	350	U	ug/kg	350
Hexachlorocyclopentadiene		370	U	ug/kg	370	380	U	ug/kg	380	350	U	ug/kg	350
2,4,6-Trichlorophenol		370	U	ug/kg	370	380	U	ug/kg	380	350	U	ug/kg	350
2,4,5-Trichlorophenol		1800	U	ug/kg	1800	1800	U	ug/kg	1800	1700	U	ug/kg	1700
2-Chloronaphthalene		370	U	ug/kg	370	380	U	ug/kg	380	350	U	ug/kg	350
2-Nitroaniline		1800	UJ	ug/kg	1800	1800	UJ	ug/kg	1800	1700	UJ	ug/kg	1700
Dimethylphthalate		370	U	ug/kg	370	380	U	ug/kg	380	350	U	ug/kg	350
Acenaphthylene		370	U	ug/kg	370	380	U	ug/kg	380	350	U	ug/kg	350
2,6-Dinitrotoluene		370	U	ug/kg	370	380	U	ug/kg	380	350	U	ug/kg	350
3-Nitroaniline		1800	UJ	ug/kg	1800	1800	UJ	ug/kg	1800	1700	UJ	ug/kg	1700
Acenaphthene		370	U	ug/kg	370	380	U	ug/kg	380	350	U	ug/kg	350
2,4-Dinitrophenol		1800	U	ug/kg	1800	1800	U	ug/kg	1800	1700	U	ug/kg	1700
4-Nitrophenol		1800	UJ	ug/kg	1800	1800	UJ	ug/kg	1800	1700	UJ	ug/kg	1700
Dibenzofuran		370	U	ug/kg	370	380	U	ug/kg	380	350	U	ug/kg	350
2,4-Dinitrotoluene		370	U	ug/kg	370	380	U	ug/kg	380	350	U	ug/kg	350
Diethylphthalate		370	U	ug/kg	370	380	U	ug/kg	380	350	U	ug/kg	350
4-Chlorophenyl-phenylether		370	U	ug/kg	370	380	U	ug/kg	380	350	U	ug/kg	350
Fluorene		370	U	ug/kg	370	380	U	ug/kg	380	350	U	ug/kg	350

Surface Soils - Whiting Field
VOLATILES / SEMIVOLATILES / PESTICIDES / PCBS -- SITE 14 - VALIDATED DATA

	22454015				22454016				22454017			
Lab Sample Number:												
Site	WHITING				WHITING				WHITING			
Locator	14-SL-01				14-SL-02				14-SL-03			
Collect Date:	11-AUG-92				11-AUG-92				11-AUG-92			
	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL
4-Nitroaniline	1800	UJ	ug/kg	1800	1800	UJ	ug/kg	1800	-			
4,6-Dinitro-2-methylphenol	1800	U	ug/kg	1800	1800	U	ug/kg	1800	1700	U	ug/kg	1700
N-Nitrosodiphenylamine (1)	370	U	ug/kg	370	380	U	ug/kg	380	350	U	ug/kg	350
4-Bromophenyl-phenylether	370	U	ug/kg	370	380	U	ug/kg	380	350	U	ug/kg	350
Hexachlorobenzene	370	U	ug/kg	370	380	U	ug/kg	380	350	U	ug/kg	350
Pentachlorophenol	1800	U	ug/kg	1800	1800	U	ug/kg	1800	1700	U	ug/kg	1700
Phenanthrene	370	U	ug/kg	370	380	U	ug/kg	380	350	U	ug/kg	350
Anthracene	370	U	ug/kg	370	380	U	ug/kg	380	350	U	ug/kg	350
Di-n-butylphthalate	370	U	ug/kg	370	380	UJ	ug/kg	380	350	UJ	ug/kg	350
Fluoranthene	370	U	ug/kg	370	380	U	ug/kg	380	350	U	ug/kg	350
Pyrene	370	UJ	ug/kg	370	380	UJ	ug/kg	380	350	UJ	ug/kg	350
Butylbenzylphthalate	370	UJ	ug/kg	370	380	UJ	ug/kg	380	350	UJ	ug/kg	350
3,3-Dichlorobenzidine	730	U	ug/kg	730	760	U	ug/kg	760	710	U	ug/kg	710
Benzo (a) anthracene	370	U	ug/kg	370	380	UJ	ug/kg	380	350	U	ug/kg	350
Chrysene	370	UJ	ug/kg	370	380	J	ug/kg	380	350	UJ	ug/kg	350
bis(2-Ethylhexyl) phthalate	370	U	ug/kg	370	40	J	ug/kg	380	350	U	ug/kg	350
Di-n-octylphthalate	370	U	ug/kg	370	380	U	ug/kg	380	350	U	ug/kg	350
Benzo (b) fluoranthene	370	U	ug/kg	370	380	U	ug/kg	380	350	U	ug/kg	350
Benzo (k) fluoranthene	370	U	ug/kg	370	380	U	ug/kg	380	350	U	ug/kg	350
Benzo (a) pyrene	370	U	ug/kg	370	380	U	ug/kg	380	350	U	ug/kg	350
Indeno (1,2,3-cd) pyrene	370	U	ug/kg	370	380	U	ug/kg	380	350	U	ug/kg	350
Dibenz (a,h) anthracene	370	U	ug/kg	370	380	U	ug/kg	380	350	U	ug/kg	350
Benzo (g,h,i) perylene	370	U	ug/kg	370	380	U	ug/kg	380	350	U	ug/kg	350

U= NOT DETECTED J= ESTIMATED VALUE
UJ = REPORTED QUANTITATION LIMIT IS QUALIFIED AS ESTIMATED
R = RESULT IS REJECTED AND UNUSABLE

WHITING FIELD ANALYTICAL RESULT REPORT
INORGANICS ---- METALS -- SITE 14 --- VALIDATED DATA

	S22454015				S22454016				S22454017			
Lab Sample Number:												
Site	WHITING				WHITING				WHITING			
Locator	14-SL-01				14-SL-02				14-SL-03			
Collect Date:	11-AUG-92				11-AUG-92				11-AUG-92			
	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL
CLP METALS AND CYANIDE												
Aluminum	20400		mg/kg	40	13500		mg/kg	40	11800		mg/kg	40
Antimony	2.7	U	mg/kg	12	2.8	U	mg/kg	12	2.7	U	mg/kg	12
Arsenic	4.2		mg/kg	2	2.2	J	mg/kg	2	1.8	J	mg/kg	2
Barium	12	J	mg/kg	40	6.2	J	mg/kg	40	17.1	J	mg/kg	40
Beryllium	.15	J	mg/kg	1	.13	J	mg/kg	1	.12	J	mg/kg	1
Cadmium	.61	U	mg/kg	1	.94	J	mg/kg	1	.59	U	mg/kg	1
Calcium	118	J	mg/kg	1000	80.9	J	mg/kg	1000	110	J	mg/kg	1000
Chromium	17		mg/kg	2	17.6		mg/kg	2	7.2		mg/kg	2
Cobalt	1.5	J	mg/kg	10	1.5	J	mg/kg	10	1.8	J	mg/kg	10
Copper	4.9	J	mg/kg	5	5.1	J	mg/kg	5	7.8		mg/kg	5
Iron	14300		mg/kg	20	15800		mg/kg	20	7120		mg/kg	20
Lead	5.7	J	mg/kg	1	5.1	J	mg/kg	1	4.3	J	mg/kg	1
Magnesium	87.4	J	mg/kg	1000	48.6	J	mg/kg	1000	106	J	mg/kg	1000
Manganese	62.3		mg/kg	3	33.6		mg/kg	3	113		mg/kg	3
Mercury	.08	U	mg/kg	.1	.09	U	mg/kg	.1	.08	U	mg/kg	.1
Nickel	2.4	U	mg/kg	8	2.4	U	mg/kg	8	2.3	U	mg/kg	8
Potassium	133	U	mg/kg	1000	137	U	mg/kg	1000	129	U	mg/kg	1000
Selenium	.41	U	mg/kg	1	.43	U	mg/kg	1	.4	U	mg/kg	1
Silver	.33	U	mg/kg	2	.34	U	mg/kg	2	.32	U	mg/kg	2
Sodium	170	J	mg/kg	1000	179	J	mg/kg	1000	180	J	mg/kg	1000
Thallium	.46	U	mg/kg	2	.47	U	mg/kg	2	.44	U	mg/kg	2
Vanadium	37.4		mg/kg	10	42.1		mg/kg	10	16.9		mg/kg	10
Zinc	7.7	J	mg/kg	4	11.1		mg/kg	4	7.8	J	mg/kg	4
Cyanide	.24	U	mg/kg	1	.25	U	mg/kg	1	.24	U	mg/kg	1

U= NOT DETECTED J= ESTIMATED VALUE
UJ = REPORTED QUANTITATION LIMIT IS QUALIFIED AS ESTIMATED
R = RESULT IS REJECTED AND UNUSABLE

SITE 15

Surface Soils - Whiting Field
VOLATILES / SEMIVOLATILES / PESTICIDES / PCBS -- SITE 15 - VALIDATED DATA

	22454005				22454006				22454007				22454008			
Lab Sample Number:																
Site	WHITING				WHITING				WHITING				WHITING			
Locator	15-SL-01				15-SL-02				15-SL-03				15-SL-04			
Collect Date:	11-AUG-92				11-AUG-92				11-AUG-92				11-AUG-92			
	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL
CLP VOLATILES 87-SOW																
Chloromethane	11	U	ug/kg	11	11	U	ug/kg	11	11	U	ug/kg	11	11	U	ug/kg	11
Bromomethane	11	U	ug/kg	11	11	U	ug/kg	11	11	U	ug/kg	11	11	U	ug/kg	11
Vinyl chloride	11	U	ug/kg	11	11	U	ug/kg	11	11	U	ug/kg	11	11	U	ug/kg	11
Chloroethane	11	U	ug/kg	11	11	U	ug/kg	11	11	U	ug/kg	11	11	U	ug/kg	11
Methylene chloride	5	UJ	ug/kg	5	5	UJ	ug/kg	5	7	UJ	ug/kg	6	6	UJ	ug/kg	5
Acetone	11	UJ	ug/kg	11	11	U	ug/kg	11	11	U	ug/kg	11	11	U	ug/kg	11
Carbon disulfide	5	U	ug/kg	5	5	U	ug/kg	5	6	U	ug/kg	6	5	U	ug/kg	5
1,1-Dichloroethene	5	U	ug/kg	5	5	U	ug/kg	5	6	U	ug/kg	6	5	U	ug/kg	5
1,1-Dichloroethane	5	U	ug/kg	5	5	U	ug/kg	5	6	U	ug/kg	6	5	U	ug/kg	5
1,2-Dichloroethene (total)	5	U	ug/kg	5	5	U	ug/kg	5	6	U	ug/kg	6	5	U	ug/kg	5
Chloroform	5	U	ug/kg	5	5	U	ug/kg	5	6	U	ug/kg	6	5	U	ug/kg	5
1,2-Dichloroethane	5	U	ug/kg	5	5	U	ug/kg	5	6	U	ug/kg	6	5	U	ug/kg	5
2-Butanone	11	U	ug/kg	11	11	U	ug/kg	11	11	U	ug/kg	11	11	U	ug/kg	11
1,1,1-Trichloroethane	5	U	ug/kg	5	5	U	ug/kg	5	6	U	ug/kg	6	5	U	ug/kg	5
Carbon tetrachloride	5	U	ug/kg	5	5	U	ug/kg	5	6	U	ug/kg	6	5	U	ug/kg	5
Vinyl acetate	11	U	ug/kg	11	11	U	ug/kg	11	11	U	ug/kg	11	11	U	ug/kg	11
Bromodichloromethane	5	U	ug/kg	5	5	U	ug/kg	5	6	U	ug/kg	6	5	U	ug/kg	5
1,2-Dichloropropane	5	U	ug/kg	5	5	U	ug/kg	5	6	U	ug/kg	6	5	U	ug/kg	5
cis-1,3-Dichloropropene	5	U	ug/kg	5	5	U	ug/kg	5	6	U	ug/kg	6	5	U	ug/kg	5
Trichloroethene	5	U	ug/kg	5	5	U	ug/kg	5	6	U	ug/kg	6	5	U	ug/kg	5
Dibromochloromethane	5	U	ug/kg	5	5	U	ug/kg	5	6	U	ug/kg	6	5	U	ug/kg	5
1,1,2-Trichloroethane	5	U	ug/kg	5	5	U	ug/kg	5	6	U	ug/kg	6	5	U	ug/kg	5
Benzene	5	U	ug/kg	5	5	U	ug/kg	5	6	U	ug/kg	6	5	U	ug/kg	5
trans-1,3-Dichloropropene	5	U	ug/kg	5	5	U	ug/kg	5	6	U	ug/kg	6	5	U	ug/kg	5
Bromoform	5	U	ug/kg	5	5	U	ug/kg	5	6	U	ug/kg	6	5	U	ug/kg	5
2-Hexanone	11	U	ug/kg	11	11	U	ug/kg	11	11	U	ug/kg	11	11	U	ug/kg	11
4-Methyl-2-pentanone	11	U	ug/kg	11	11	U	ug/kg	11	11	U	ug/kg	11	11	U	ug/kg	11
Tetrachloroethene	5	U	ug/kg	5	5	U	ug/kg	5	6	U	ug/kg	6	5	U	ug/kg	5
1,1,2,2-Tetrachloroethane	5	U	ug/kg	5	5	U	ug/kg	5	6	U	ug/kg	6	5	U	ug/kg	5
Toluene	5	U	ug/kg	5	5	U	ug/kg	5	6	U	ug/kg	6	5	U	ug/kg	5
Chlorobenzene	5	U	ug/kg	5	5	U	ug/kg	5	6	U	ug/kg	6	5	U	ug/kg	5
Ethylbenzene	5	U	ug/kg	5	5	U	ug/kg	5	6	U	ug/kg	6	5	U	ug/kg	5
Styrene	5	U	ug/kg	5	5	U	ug/kg	5	6	U	ug/kg	6	5	U	ug/kg	5
Xylenes (total)	5	U	ug/kg	5	1	J	ug/kg	5	2	J	ug/kg	6	4	J	ug/kg	5
CLP PESTICIDES/PCBS 87-SOW																
alpha-BHC	8.7	U	ug/kg	8.7	8.6	U	ug/kg	8.6	8.9	U	ug/kg	8.9	8.6	U	ug/kg	8.6
beta-BHC	8.7	U	ug/kg	8.7	8.6	U	ug/kg	8.6	8.9	U	ug/kg	8.9	8.6	U	ug/kg	8.6
delta-BHC	8.7	U	ug/kg	8.7	8.6	U	ug/kg	8.6	8.9	U	ug/kg	8.9	8.6	U	ug/kg	8.6
gamma-BHC (Lindane)	8.7	U	ug/kg	8.7	8.6	U	ug/kg	8.6	8.9	U	ug/kg	8.9	8.6	U	ug/kg	8.6
Heptachlor	8.7	U	ug/kg	8.7	8.6	U	ug/kg	8.6	8.9	U	ug/kg	8.9	8.6	U	ug/kg	8.6
Aldrin	8.7	U	ug/kg	8.7	8.6	U	ug/kg	8.6	8.9	U	ug/kg	8.9	8.6	U	ug/kg	8.6
Heptachlor epoxide	8.7	U	ug/kg	8.7	8.6	U	ug/kg	8.6	8.9	U	ug/kg	8.9	8.6	U	ug/kg	8.6
Endosulfan I	8.7	U	ug/kg	8.7	8.6	U	ug/kg	8.6	8.9	U	ug/kg	8.9	8.6	U	ug/kg	8.6
Dieldrin	17	U	ug/kg	17	17	U	ug/kg	17	18	U	ug/kg	18	17	U	ug/kg	17
4,4-DDE	17	U	ug/kg	17	17	U	ug/kg	17	18	U	ug/kg	18	17	U	ug/kg	17
Endrin	17	U	ug/kg	17	17	U	ug/kg	17	18	U	ug/kg	18	17	U	ug/kg	17
Endosulfan II	17	U	ug/kg	17	17	U	ug/kg	17	18	U	ug/kg	18	17	U	ug/kg	17
4,4-DDD	17	U	ug/kg	17	17	U	ug/kg	17	18	U	ug/kg	18	17	U	ug/kg	17
Endosulfan sulfate	17	U	ug/kg	17	17	U	ug/kg	17	18	U	ug/kg	18	17	U	ug/kg	17
4,4-DDT	17	U	ug/kg	17	17	U	ug/kg	17	18	U	ug/kg	18	17	U	ug/kg	17
Methoxychlor	87	U	ug/kg	87	86	U	ug/kg	86	89	U	ug/kg	89	86	U	ug/kg	86
Endrin ketone	17	U	ug/kg	17	17	U	ug/kg	17	18	U	ug/kg	18	17	U	ug/kg	17

Surface Soils - Whiting Field
VOLATILES / SEMIVOLATILES / PESTICIDES / PCBS -- SITE 15 - VALIDATED DATA

Lab Sample Number:	22454005				22454006				22454007				22454008			
Site	WHITING				WHITING				WHITING				WHITING			
Locator	15-SL-01				15-SL-02				15-SL-03				15-SL-04			
Collect Date:	11-AUG-92				11-AUG-92				11-AUG-92				11-AUG-92			
	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL
alpha-Chlordane	87	U	ug/kg	87	86	U	ug/kg	86	89	U	ug/kg	89	86	U	ug/kg	86
gamma-Chlordane	87	U	ug/kg	87	86	U	ug/kg	86	89	U	ug/kg	89	86	U	ug/kg	86
Toxaphene	170	U	ug/kg	170	170	U	ug/kg	170	180	U	ug/kg	180	170	U	ug/kg	170
Aroclor-1016	87	U	ug/kg	87	86	U	ug/kg	86	89	U	ug/kg	89	86	U	ug/kg	86
Aroclor-1221	87	U	ug/kg	87	86	U	ug/kg	86	89	U	ug/kg	89	86	U	ug/kg	86
Aroclor-1232	87	U	ug/kg	87	86	U	ug/kg	86	89	U	ug/kg	89	86	U	ug/kg	86
Aroclor-1242	87	U	ug/kg	87	86	U	ug/kg	86	89	U	ug/kg	89	86	U	ug/kg	86
Aroclor-1248	87	U	ug/kg	87	86	U	ug/kg	86	89	U	ug/kg	89	86	U	ug/kg	86
Aroclor-1254	170	U	ug/kg	170	170	U	ug/kg	170	180	U	ug/kg	180	170	U	ug/kg	170
Aroclor-1260	170	U	ug/kg	170	170	U	ug/kg	170	180	U	ug/kg	180	170	U	ug/kg	170
CLP SEMIVOLATILES 87-SOW																
Phenol	360	U	ug/kg	360	350	U	ug/kg	350	370	U	ug/kg	370	350	U	ug/kg	350
bis(2-Chloroethyl) ether	360	U	ug/kg	360	350	U	ug/kg	350	370	U	ug/kg	370	350	U	ug/kg	350
2-Chlorophenol	360	U	ug/kg	360	350	U	ug/kg	350	370	U	ug/kg	370	350	U	ug/kg	350
1,3-Dichlorobenzene	360	U	ug/kg	360	350	U	ug/kg	350	370	U	ug/kg	370	350	U	ug/kg	350
1,4-Dichlorobenzene	360	U	ug/kg	360	350	U	ug/kg	350	370	U	ug/kg	370	350	U	ug/kg	350
Benzyl alcohol	360	U	ug/kg	360	350	U	ug/kg	350	370	U	ug/kg	370	350	U	ug/kg	350
1,2-Dichlorobenzene	360	U	ug/kg	360	350	U	ug/kg	350	370	U	ug/kg	370	350	U	ug/kg	350
2-Methylphenol	360	U	ug/kg	360	350	U	ug/kg	350	370	U	ug/kg	370	350	U	ug/kg	350
Bis(2-Chloroisopropyl) ether	360	U	ug/kg	360	350	U	ug/kg	350	370	U	ug/kg	370	350	U	ug/kg	350
4-Methylphenol	360	U	ug/kg	360	350	U	ug/kg	350	370	U	ug/kg	370	350	U	ug/kg	350
N-Nitroso-di-n-propylamine	360	U	ug/kg	360	350	U	ug/kg	350	370	U	ug/kg	370	350	U	ug/kg	350
Hexachloroethane	360	U	ug/kg	360	350	U	ug/kg	350	370	U	ug/kg	370	350	U	ug/kg	350
Nitrobenzene	360	U	ug/kg	360	350	U	ug/kg	350	370	U	ug/kg	370	350	U	ug/kg	350
Isophorone	360	U	ug/kg	360	350	U	ug/kg	350	370	U	ug/kg	370	350	U	ug/kg	350
2-Nitrophenol	360	U	ug/kg	360	350	U	ug/kg	350	370	U	ug/kg	370	350	U	ug/kg	350
2,4-Dimethylphenol	360	U	ug/kg	360	350	U	ug/kg	350	370	U	ug/kg	370	350	U	ug/kg	350
Benzoic acid	1700	U	ug/kg	1700	1700	U	ug/kg	1700	1800	U	ug/kg	1800	1700	U	ug/kg	1700
bis(2-Chloroethoxy) methane	360	U	ug/kg	360	350	U	ug/kg	350	370	U	ug/kg	370	350	U	ug/kg	350
2,4-Dichlorophenol	360	U	ug/kg	360	350	U	ug/kg	350	370	U	ug/kg	370	350	U	ug/kg	350
1,2,4-Trichlorobenzene	360	U	ug/kg	360	350	U	ug/kg	350	370	U	ug/kg	370	350	U	ug/kg	350
Naphthalene	360	U	ug/kg	360	350	U	ug/kg	350	370	U	ug/kg	370	350	U	ug/kg	350
4-Chloroaniline	360	U	ug/kg	360	350	U	ug/kg	350	370	U	ug/kg	370	350	U	ug/kg	350
Hexachlorobutadiene	360	U	ug/kg	360	350	U	ug/kg	350	370	U	ug/kg	370	350	U	ug/kg	350
4-Chloro-3-methylphenol	360	U	ug/kg	360	350	U	ug/kg	350	370	U	ug/kg	370	350	U	ug/kg	350
2-Methylnaphthalene	360	U	ug/kg	360	350	U	ug/kg	350	370	U	ug/kg	370	350	U	ug/kg	350
Hexachlorocyclopentadiene	360	U	ug/kg	360	350	U	ug/kg	350	370	U	ug/kg	370	350	U	ug/kg	350
2,4,6-Trichlorophenol	360	U	ug/kg	360	350	U	ug/kg	350	370	U	ug/kg	370	350	U	ug/kg	350
2,4,5-Trichlorophenol	1700	U	ug/kg	1700	1700	U	ug/kg	1700	1800	U	ug/kg	1800	1700	U	ug/kg	1700
2-Chloronaphthalene	360	U	ug/kg	360	350	U	ug/kg	350	370	U	ug/kg	370	350	U	ug/kg	350
2-Nitroaniline	1700	UJ	ug/kg	1700	1700	UJ	ug/kg	1700	1800	UJ	ug/kg	1800	1700	UJ	ug/kg	1700
Dimethylphthalate	360	U	ug/kg	360	350	U	ug/kg	350	370	U	ug/kg	370	350	U	ug/kg	350
Acenaphthylene	360	U	ug/kg	360	350	U	ug/kg	350	370	U	ug/kg	370	350	U	ug/kg	350
2,6-Dinitrotoluene	360	U	ug/kg	360	350	U	ug/kg	350	370	U	ug/kg	370	350	U	ug/kg	350
3-Nitroaniline	1700	UJ	ug/kg	1700	1700	UJ	ug/kg	1700	1800	UJ	ug/kg	1800	1700	UJ	ug/kg	1700
Acenaphthene	360	U	ug/kg	360	350	U	ug/kg	350	370	U	ug/kg	370	350	U	ug/kg	350
2,4-Dinitrophenol	1700	U	ug/kg	1700	1700	U	ug/kg	1700	1800	U	ug/kg	1800	1700	U	ug/kg	1700
4-Nitrophenol	1700	UJ	ug/kg	1700	1700	UJ	ug/kg	1700	1800	UJ	ug/kg	1800	1700	UJ	ug/kg	1700
Dibenzofuran	360	U	ug/kg	360	350	U	ug/kg	350	370	U	ug/kg	370	350	U	ug/kg	350
2,4-Dinitrotoluene	360	U	ug/kg	360	350	U	ug/kg	350	370	U	ug/kg	370	350	U	ug/kg	350
Diethylphthalate	360	U	ug/kg	360	350	U	ug/kg	350	370	U	ug/kg	370	350	U	ug/kg	350
4-Chlorophenyl-phenylether	360	U	ug/kg	360	350	U	ug/kg	350	370	U	ug/kg	370	350	U	ug/kg	350
Fluorene	360	U	ug/kg	360	350	U	ug/kg	350	370	U	ug/kg	370	350	U	ug/kg	350

Surface Soils - Whiting Field
VOLATILES / SEMIVOLATILES / PESTICIDES / PCBS -- SITE 15 - VALIDATED DATA

Lab Sample Number:	22454005				22454006				22454007				22454008			
Site	WHITING				WHITING				WHITING				WHITING			
Locator	15-SL-01				15-SL-02				15-SL-03				15-SL-04			
Collect Date:	11-AUG-92				11-AUG-92				11-AUG-92				11-AUG-92			
	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL
4-Nitroaniline	1700	UJ	ug/kg	1700	1700	UJ	ug/kg	1700	1800	UJ	ug/kg	1800	1700	UJ	ug/kg	1700
4,6-Dinitro-2-methylphenol	1700	U	ug/kg	1700	1700	U	ug/kg	1700	1800	U	ug/kg	1800	1700	U	ug/kg	1700
N-Nitrosodiphenylamine (1)	360	U	ug/kg	360	350	U	ug/kg	350	370	U	ug/kg	370	350	U	ug/kg	350
4-Bromophenyl-phenylether	360	U	ug/kg	360	350	U	ug/kg	350	370	U	ug/kg	370	350	U	ug/kg	350
Hexachlorobenzene	360	U	ug/kg	360	350	U	ug/kg	350	370	U	ug/kg	370	350	U	ug/kg	350
Pentachlorophenol	1700	U	ug/kg	1700	1700	U	ug/kg	1700	1800	U	ug/kg	1800	1700	U	ug/kg	1700
Phenanthrene	360	U	ug/kg	360	350	U	ug/kg	350	370	U	ug/kg	370	350	U	ug/kg	350
Anthracene	360	U	ug/kg	360	350	U	ug/kg	350	370	U	ug/kg	370	350	U	ug/kg	350
Di-n-butylphthalate	360	UJ	ug/kg	360	350	UJ	ug/kg	350	370	UJ	ug/kg	370	350	UJ	ug/kg	350
Fluoranthene	360	U	ug/kg	360	350	U	ug/kg	350	370	U	ug/kg	370	350	U	ug/kg	350
Pyrene	360	UJ	ug/kg	360	350	UJ	ug/kg	350	370	UJ	ug/kg	370	350	UJ	ug/kg	350
Butylbenzylphthalate	360	UJ	ug/kg	360	350	UJ	ug/kg	350	370	UJ	ug/kg	370	350	UJ	ug/kg	350
3,3-Dichlorobenzidine	720	U	ug/kg	720	710	U	ug/kg	710	730	U	ug/kg	730	710	U	ug/kg	710
Benzo (a) anthracene	360	U	ug/kg	360	350	U	ug/kg	350	370	U	ug/kg	370	350	U	ug/kg	350
Chrysene	360	UJ	ug/kg	360	350	UJ	ug/kg	350	370	UJ	ug/kg	370	350	UJ	ug/kg	350
bis(2-Ethylhexyl) phthalate	39	J	ug/kg	360	350	U	ug/kg	350	41	J	ug/kg	370	350	U	ug/kg	350
Di-n-octylphthalate	360	U	ug/kg	360	350	U	ug/kg	350	370	U	ug/kg	370	350	U	ug/kg	350
Benzo (b) fluoranthene	360	U	ug/kg	360	350	U	ug/kg	350	370	U	ug/kg	370	350	U	ug/kg	350
Benzo (k) fluoranthene	360	U	ug/kg	360	350	U	ug/kg	350	370	U	ug/kg	370	350	U	ug/kg	350
Benzo (a) pyrene	360	U	ug/kg	360	350	U	ug/kg	350	370	U	ug/kg	370	350	U	ug/kg	350
Indeno (1,2,3-cd) pyrene	360	U	ug/kg	360	350	U	ug/kg	350	370	U	ug/kg	370	350	U	ug/kg	350
Dibenz (a,h) anthracene	360	U	ug/kg	360	350	U	ug/kg	350	370	U	ug/kg	370	350	U	ug/kg	350
Benzo (g,h,i) perylene	360	U	ug/kg	360	350	U	ug/kg	350	370	U	ug/kg	370	350	U	ug/kg	350

U= NOT DETECTED J= ESTIMATED VALUE
UJ = REPORTED QUANTITATION LIMIT IS QUALIFIED AS ESTIMATED
R = RESULT IS REJECTED AND UNUSABLE

Surface Soils - Whiting Field
VOLATILES / SEMIVOLATILES / PESTICIDES / PCBS -- SITE 15 - VALIDATED DATA

Lab Sample Number:	22454009
Site	WHITING
Locator	15-SL-05
Collect Date:	11-AUG-92

	VALUE	QUAL	UNITS	DL
CLP VOLATILES 87-SOW				
Chloromethane	13	U	ug/kg	13
Bromomethane	13	U	ug/kg	13
Vinyl chloride	13	U	ug/kg	13
Chloroethane	13	U	ug/kg	13
Methylene chloride	7	UJ	ug/kg	7
Acetone	13	U	ug/kg	13
Carbon disulfide	7	U	ug/kg	7
1,1-Dichloroethene	7	U	ug/kg	7
1,1-Dichloroethane	7	U	ug/kg	7
1,2-Dichloroethene (total)	7	U	ug/kg	7
Chloroform	7	U	ug/kg	7
1,2-Dichloroethane	7	U	ug/kg	7
2-Butanone	13	U	ug/kg	13
1,1,1-Trichloroethane	7	U	ug/kg	7
Carbon tetrachloride	7	U	ug/kg	7
Vinyl acetate	13	U	ug/kg	13
Bromodichloromethane	7	U	ug/kg	7
1,2-Dichloropropane	7	U	ug/kg	7
cis-1,3-Dichloropropene	7	U	ug/kg	7
Trichloroethene	7	U	ug/kg	7
Dibromochloromethane	7	U	ug/kg	7
1,1,2-Trichloroethane	7	U	ug/kg	7
Benzene	7	U	ug/kg	7
trans-1,3-Dichloropropene	7	U	ug/kg	7
Bromoform	7	U	ug/kg	7
2-Hexanone	13	U	ug/kg	13
4-Methyl-2-pentanone	13	U	ug/kg	13
Tetrachloroethene	7	U	ug/kg	7
1,1,2,2-Tetrachloroethane	7	U	ug/kg	7
Toluene	7	U	ug/kg	7
Chlorobenzene	7	U	ug/kg	7
Ethylbenzene	7	U	ug/kg	7
Styrene	7	U	ug/kg	7
Xylenes (total)	7	U	ug/kg	7
CLP PESTICIDES/PCBS 87-SOW				
alpha-BHC	8.5	U	ug/kg	8.5
beta-BHC	8.5	U	ug/kg	8.5
delta-BHC	8.5	U	ug/kg	8.5
gamma-BHC (Lindane)	8.5	U	ug/kg	8.5
Heptachlor	8.5	U	ug/kg	8.5
Aldrin	8.5	U	ug/kg	8.5
Heptachlor epoxide	8.5	U	ug/kg	8.5
Endosulfan I	8.5	U	ug/kg	8.5
Dieldrin	17	U	ug/kg	17
4,4-DDE	17	U	ug/kg	17
Endrin	17	U	ug/kg	17
Endosulfan II	17	U	ug/kg	17
4,4-DDD	17	U	ug/kg	17
Endosulfan sulfate	17	U	ug/kg	17
4,4-DDT	17	U	ug/kg	17
Methoxychlor	85	U	ug/kg	85

Surface Soils - Whiting Field
VOLATILES / SEMIVOLATILES / PESTICIDES / PCBS -- SITE 15 - VALIDATED DATA

Lab Sample Number:	22454009			
Site	WHITING			
Locator	15-SL-05			
Collect Date:	11-AUG-92			
	VALUE	QUAL	UNITS	DL
Endrin ketone	17	U	ug/kg	17
alpha-Chlordane	85	U	ug/kg	85
gamma-Chlordane	85	U	ug/kg	85
Toxaphene	170	U	ug/kg	170
Aroclor-1016	85	U	ug/kg	85
Aroclor-1221	85	U	ug/kg	85
Aroclor-1232	85	U	ug/kg	85
Aroclor-1242	85	U	ug/kg	85
Aroclor-1248	85	U	ug/kg	85
Aroclor-1254	170	U	ug/kg	170
Aroclor-1260	170	U	ug/kg	170
CLP SEMIVOLATILES 87-SOW				
Phenol	350	U	ug/kg	350
bis(2-Chloroethyl) ether	350	U	ug/kg	350
2-Chlorophenol	350	U	ug/kg	350
1,3-Dichlorobenzene	350	U	ug/kg	350
1,4-Dichlorobenzene	350	U	ug/kg	350
Benzyl alcohol	350	U	ug/kg	350
1,2-Dichlorobenzene	350	U	ug/kg	350
2-Methylphenol	350	U	ug/kg	350
Bis(2-Chloroisopropyl) ether	350	U	ug/kg	350
4-Methylphenol	350	U	ug/kg	350
N-Nitroso-di-n-propylamine	350	U	ug/kg	350
Hexachloroethane	350	U	ug/kg	350
Nitrobenzene	350	U	ug/kg	350
Isophorone	350	U	ug/kg	350
2-Nitrophenol	350	U	ug/kg	350
2,4-Dimethylphenol	350	U	ug/kg	350
Benzoic acid	1700	U	ug/kg	1700
bis(2-Chloroethoxy) methane	350	U	ug/kg	350
2,4-Dichlorophenol	350	U	ug/kg	350
1,2,4-Trichlorobenzene	350	U	ug/kg	350
Naphthalene	350	U	ug/kg	350
4-Chloroaniline	350	U	ug/kg	350
Hexachlorobutadiene	350	U	ug/kg	350
4-Chloro-3-methylphenol	350	U	ug/kg	350
2-Methylnaphthalene	350	U	ug/kg	350
Hexachlorocyclopentadiene	350	U	ug/kg	350
2,4,6-Trichlorophenol	350	U	ug/kg	350
2,4,5-Trichlorophenol	1700	U	ug/kg	1700
2-Chloronaphthalene	350	U	ug/kg	350
2-Nitroaniline	1700	UJ	ug/kg	1700
Dimethylphthalate	350	U	ug/kg	350
Acenaphthylene	350	U	ug/kg	350
2,6-Dinitrotoluene	350	U	ug/kg	350
3-Nitroaniline	1700	UJ	ug/kg	1700
Acenaphthene	350	U	ug/kg	350
2,4-Dinitrophenol	1700	U	ug/kg	1700
4-Nitrophenol	1700	UJ	ug/kg	1700
Dibenzofuran	350	U	ug/kg	350
2,4-Dinitrotoluene	350	U	ug/kg	350
Diethylphthalate	350	U	ug/kg	350
4-Chlorophenyl-phenylether	350	U	ug/kg	350

Surface Soils - Whiting Field
VOLATILES / SEMIVOLATILES / PESTICIDES / PCBS -- SITE 15 - VALIDATED DATA

Lab Sample Number:	22454009
Site	WHITING
Locator	15-SL-05
Collect Date:	11-AUG-92

	VALUE	QUAL	UNITS	DL
Fluorene	350	U	ug/kg	350
4-Nitroaniline	1700	UJ	ug/kg	1700
4,6-Dinitro-2-methylphenol	1700	U	ug/kg	1700
N-Nitrosodiphenylamine (1)	350	U	ug/kg	350
4-Bromophenyl-phenylether	350	U	ug/kg	350
Hexachlorobenzene	350	U	ug/kg	350
Pentachlorophenol	1700	U	ug/kg	1700
Phenanthrene	350	U	ug/kg	350
Anthracene	350	U	ug/kg	350
Di-n-butylphthalate	350	U	ug/kg	350
Fluoranthene	350	U	ug/kg	350
Pyrene	350	UJ	ug/kg	350
Butylbenzylphthalate	350	UJ	ug/kg	350
3,3-Dichlorobenzidine	700	U	ug/kg	700
Benzo (a) anthracene	350	U	ug/kg	350
Chrysene	350	U	ug/kg	350
bis(2-Ethylhexyl) phthalate	350	U	ug/kg	350
Di-n-octylphthalate	350	U	ug/kg	350
Benzo (b) fluoranthene	350	U	ug/kg	350
Benzo (k) fluoranthene	350	U	ug/kg	350
Benzo (a) pyrene	350	U	ug/kg	350
Indeno (1,2,3-cd) pyrene	350	U	ug/kg	350
Dibenz (a,h) anthracene	350	U	ug/kg	350
Benzo (g,h,i) perylene	350	U	ug/kg	350

U= NOT DETECTED J= ESTIMATED VALUE
UJ - ~~PORTED QUANTITATION LIMIT IS QUALIFIED AS ESTIMATED
R)ILT IS REJECTED AND UNUSABLE

WHITING FIELD ANALYTICAL RESULT REPORT
INORGANICS ---- METALS -- SITE 15 --- VALIDATED DATA

	Lab Sample Number:	S22454005				S22454006				S22454007				S22454008			
	Site	WHITING				WHITING				WHITING				WHITING			
	Locator	15-SL-01				15-SL-02				15-SL-03				15-SL-04			
	Collect Date:	11-AUG-92				11-AUG-92				11-AUG-92				11-AUG-92			
		VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL
CLP METALS AND CYANIDE																	
Aluminum		11800		mg/kg	40	5160		mg/kg	40	7450		mg/kg	40	6790		mg/kg	40
Antimony		2.7	U	mg/kg	12	2.6	U	mg/kg	12	2.7	U	mg/kg	12	2.7	U	mg/kg	12
Arsenic		1.6	J	mg/kg	2	.93	J	mg/kg	2	2.2	J	mg/kg	2	1	J	mg/kg	2
Barium		5.3	J	mg/kg	40	7	J	mg/kg	40	4.3	J	mg/kg	40	9	J	mg/kg	40
Beryllium		.07	J	mg/kg	1	.05	U	mg/kg	1	.08	J	mg/kg	1	.09	J	mg/kg	1
Cadmium		.59	U	mg/kg	1	.59	U	mg/kg	1	.61	U	mg/kg	1	.59	U	mg/kg	1
Calcium		75.6	J	mg/kg	1000	137	J	mg/kg	1000	79.6	J	mg/kg	1000	78.9	J	mg/kg	1000
Chromium		10.8		mg/kg	2	3.3		mg/kg	2	6.3		mg/kg	2	3.9		mg/kg	2
Cobalt		1.2	J	mg/kg	10	.73	J	mg/kg	10	.85	J	mg/kg	10	1	J	mg/kg	10
Copper		4.1	J	mg/kg	5	4.2	J	mg/kg	5	1.6	J	mg/kg	5	5.1	J	mg/kg	5
Iron		7760		mg/kg	20	3040		mg/kg	20	4980		mg/kg	20	3460		mg/kg	20
Lead		2.8	J	mg/kg	1	4.4	J	mg/kg	1	4.4	J	mg/kg	1	10.7	J	mg/kg	1
Magnesium		54.3	J	mg/kg	1000	74.3	J	mg/kg	1000	43	J	mg/kg	1000	93.9	J	mg/kg	1000
Manganese		23.1		mg/kg	3	25.7		mg/kg	3	9.3		mg/kg	3	143		mg/kg	3
Mercury		.06	U	mg/kg	.1	.07	U	mg/kg	.1	.08	U	mg/kg	.1	.08	U	mg/kg	.1
Nickel		2.3	U	mg/kg	8	2.3	U	mg/kg	8	2.4	U	mg/kg	8	2.3	U	mg/kg	8
Potassium		130	U	mg/kg	1000	129	U	mg/kg	1000	133	U	mg/kg	1000	130	U	mg/kg	1000
Selenium		.4	U	mg/kg	1	.4	U	mg/kg	1	.41	U	mg/kg	1	.4	U	mg/kg	1
Silver		.32	U	mg/kg	2	.32	U	mg/kg	2	.33	U	mg/kg	2	.32	U	mg/kg	2
Sodium		170	J	mg/kg	1000	174	J	mg/kg	1000	172	J	mg/kg	1000	174	J	mg/kg	1000
Thallium		.44	U	mg/kg	2	.44	U	mg/kg	2	.45	U	mg/kg	2	.44	U	mg/kg	2
Vanadium		20.6		mg/kg	10	6.8	J	mg/kg	10	12.6		mg/kg	10	8.3	J	mg/kg	10
Zinc		11.3		mg/kg	4	6.8	J	mg/kg	4	5.4	J	mg/kg	4	7.4	J	mg/kg	4
Cyanide		.24	U	mg/kg	1	.24	U	mg/kg	1	.24	U	mg/kg	1	.24	U	mg/kg	1

U= NOT DETECTED J= ESTIMATED VALUE
UJ = REPORTED QUANTITATION LIMIT IS QUALIFIED AS ESTIMATED
R = RESULT IS REJECTED AND UNUSABLE

WHITING FIELD ANALYTICAL RESULT REPORT
INORGANICS ---- METALS -- SITE 15 --- VALIDATED DATA

Lab Sample Number:	S22454009
Site	WHITING
Locator	15-SL-05
Collect Date:	11-AUG-92

	VALUE	QUAL	UNITS	DL
CLP METALS AND CYANIDE				
Aluminum	4940		mg/kg	40
Antimony	2.6	U	mg/kg	12
Arsenic	.98	J	mg/kg	2
Barium	3.2	J	mg/kg	40
Beryllium	.05	UJ	mg/kg	1
Cadmium	.58	U	mg/kg	1
Calcium	136	J	mg/kg	1000
Chromium	3.8		mg/kg	2
Cobalt	.33	U	mg/kg	10
Copper	12.5		mg/kg	5
Iron	2810		mg/kg	20
Lead	59.9		mg/kg	1
Magnesium	57.8	J	mg/kg	1000
Manganese	13.7		mg/kg	3
Mercury	.07	U	mg/kg	.1
Nickel	2.3	U	mg/kg	8
Potassium	128	U	mg/kg	1000
Selenium	.39	U	mg/kg	1
Silver	.32	U	mg/kg	2
Sodium	179	J	mg/kg	1000
Thallium	.44	U	mg/kg	2
Vanadium	7.2	J	mg/kg	10
Zinc	8.8		mg/kg	4
Cyanide	.24	U	mg/kg	1

U= NOT DETECTED J= ESTIMATED VALUE
UJ = REPORTED QUANTITATION LIMIT IS QUALIFIED AS ESTIMATED
R = RESULT IS REJECTED AND UNUSABLE

SITE 16

Surface Soils - Whiting Field

VOLATILES / SEMIVOLATILES / PESTICIDES / PCBS -- SITE 16 - VALIDATED DATA

Lab Sample Number:	22454002				22454003				22454004			
Site	WHITING				WHITING				WHITING			
Locator	16-SL-01				16-SL-02				16-SL-03			
Collect Date:	11-AUG-92				11-AUG-92				11-AUG-92			
	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL
CLP VOLATILES 87-SOW												
Chloromethane	11	U	ug/kg	11	11	U	ug/kg	11	12	U	ug/kg	12
Bromomethane	11	U	ug/kg	11	11	U	ug/kg	11	12	U	ug/kg	12
Vinyl chloride	11	U	ug/kg	11	11	U	ug/kg	11	12	U	ug/kg	12
Chloroethane	11	U	ug/kg	11	11	U	ug/kg	11	12	U	ug/kg	12
Methylene chloride	11	UJ	ug/kg	6	6	UJ	ug/kg	6	10	UJ	ug/kg	6
Acetone	11	U	ug/kg	11	15	UJ	ug/kg	11	12	U	ug/kg	12
Carbon disulfide	6	U	ug/kg	6	6	U	ug/kg	6	6	U	ug/kg	6
1,1-Dichloroethene	6	U	ug/kg	6	6	U	ug/kg	6	6	U	ug/kg	6
1,1-Dichloroethane	6	U	ug/kg	6	6	U	ug/kg	6	6	U	ug/kg	6
1,2-Dichloroethene (total)	6	U	ug/kg	6	6	U	ug/kg	6	6	U	ug/kg	6
Chloroform	6	U	ug/kg	6	6	U	ug/kg	6	6	U	ug/kg	6
1,2-Dichloroethane	6	U	ug/kg	6	6	U	ug/kg	6	6	U	ug/kg	6
2-Butanone	11	U	ug/kg	11	11	U	ug/kg	11	12	U	ug/kg	12
1,1,1-Trichloroethane	6	U	ug/kg	6	6	U	ug/kg	6	6	U	ug/kg	6
Carbon tetrachloride	6	U	ug/kg	6	6	U	ug/kg	6	6	U	ug/kg	6
Vinyl acetate	11	U	ug/kg	11	11	U	ug/kg	11	12	U	ug/kg	12
Bromodichloromethane	6	U	ug/kg	6	6	U	ug/kg	6	6	U	ug/kg	6
1,2-Dichloropropane	6	U	ug/kg	6	6	U	ug/kg	6	6	U	ug/kg	6
cis-1,3-Dichloropropene	6	U	ug/kg	6	6	U	ug/kg	6	6	U	ug/kg	6
Trichloroethene	6	U	ug/kg	6	6	U	ug/kg	6	6	U	ug/kg	6
Dibromochloromethane	6	U	ug/kg	6	6	U	ug/kg	6	6	U	ug/kg	6
1,1,2-Trichloroethane	6	U	ug/kg	6	6	U	ug/kg	6	6	U	ug/kg	6
Benzene	6	U	ug/kg	6	6	U	ug/kg	6	6	U	ug/kg	6
trans-1,3-Dichloropropene	6	U	ug/kg	6	6	U	ug/kg	6	6	U	ug/kg	6
Bromoform	6	U	ug/kg	6	6	U	ug/kg	6	6	U	ug/kg	6
2-Hexanone	11	U	ug/kg	11	11	U	ug/kg	11	12	U	ug/kg	12
4-Methyl-2-pentanone	11	U	ug/kg	11	11	U	ug/kg	11	12	U	ug/kg	12
Tetrachloroethene	6	U	ug/kg	6	6	U	ug/kg	6	6	U	ug/kg	6
1,1,2,2-Tetrachloroethane	6	U	ug/kg	6	6	U	ug/kg	6	6	U	ug/kg	6
Toluene	6	U	ug/kg	6	6	U	ug/kg	6	6	U	ug/kg	6
Chlorobenzene	6	U	ug/kg	6	6	U	ug/kg	6	6	U	ug/kg	6
Ethylbenzene	6	U	ug/kg	6	6	U	ug/kg	6	6	U	ug/kg	6
Styrene	6	U	ug/kg	6	6	U	ug/kg	6	6	U	ug/kg	6
Xylenes (total)	5	J	ug/kg	6	2	J	ug/kg	6	1	J	ug/kg	6
CLP PESTICIDES/PCBS 87-SOW												
alpha-BHC	8.9	U	ug/kg	8.9	9.2	U	ug/kg	9.2	9.9	U	ug/kg	9.9
beta-BHC	8.9	U	ug/kg	8.9	9.2	U	ug/kg	9.2	9.9	U	ug/kg	9.9
delta-BHC	8.9	U	ug/kg	8.9	9.2	U	ug/kg	9.2	9.9	U	ug/kg	9.9
gamma-BHC (Lindane)	8.9	U	ug/kg	8.9	9.2	U	ug/kg	9.2	9.9	U	ug/kg	9.9
Heptachlor	8.9	U	ug/kg	8.9	9.2	U	ug/kg	9.2	9.9	U	ug/kg	9.9
Aldrin	8.9	U	ug/kg	8.9	9.2	U	ug/kg	9.2	9.9	U	ug/kg	9.9
Heptachlor epoxide	8.9	U	ug/kg	8.9	9.2	U	ug/kg	9.2	9.9	U	ug/kg	9.9
Endosulfan I	8.9	U	ug/kg	8.9	9.2	U	ug/kg	9.2	9.9	U	ug/kg	9.9
Dieldrin	33		ug/kg	18	18	U	ug/kg	18	20	U	ug/kg	20
4,4-DDE	18	U	ug/kg	18	5.5	J	ug/kg	18	5.5	J	ug/kg	20
Endrin	18	U	ug/kg	18	18	U	ug/kg	18	20	U	ug/kg	20
Endosulfan II	18	U	ug/kg	18	18	U	ug/kg	18	20	U	ug/kg	20
4,4-DDD	18	U	ug/kg	18	18	U	ug/kg	18	20	U	ug/kg	20
Endosulfan sulfate	18	U	ug/kg	18	18	U	ug/kg	18	20	U	ug/kg	20
4,4-DDT	18	U	ug/kg	18	9.1	J	ug/kg	18	5.2	J	ug/kg	20
Methoxychlor	89	U	ug/kg	89	92	U	ug/kg	92	99	U	ug/kg	99
Endrin ketone	18	U	ug/kg	18	18	U	ug/kg	18	20	U	ug/kg	20

Surface Soils - Whiting Field
VOLATILES / SEMIVOLATILES / PESTICIDES / PCBS -- SITE 16 - VALIDATED DATA

Lab Sample Number:	22454002				22454003				22454004			
Site	WHITING				WHITING				WHITING			
Locator	16-SL-01				16-SL-02				16-SL-03			
Collect Date:	11-AUG-92				11-AUG-92				11-AUG-92			
	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL
alpha-Chlordane	89	U	ug/kg	89	92	U	ug/kg	92	99	U	ug/kg	99
gamma-Chlordane	89	U	ug/kg	89	92	U	ug/kg	92	99	U	ug/kg	99
Toxaphene	180	U	ug/kg	180	180	U	ug/kg	180	200	U	ug/kg	200
Aroclor-1016	89	U	ug/kg	89	92	U	ug/kg	92	99	U	ug/kg	99
Aroclor-1221	89	U	ug/kg	89	92	U	ug/kg	92	99	U	ug/kg	99
Aroclor-1232	89	U	ug/kg	89	92	U	ug/kg	92	99	U	ug/kg	99
Aroclor-1242	89	U	ug/kg	89	92	U	ug/kg	92	99	U	ug/kg	99
Aroclor-1248	89	U	ug/kg	89	92	U	ug/kg	92	99	U	ug/kg	99
Aroclor-1254	180	U	ug/kg	180	180	U	ug/kg	180	200	U	ug/kg	200
Aroclor-1260	180	U	ug/kg	180	180	U	ug/kg	180	200	U	ug/kg	200
CLP SEMIVOLATILES 87-SOW												
Phenol	370	U	ug/kg	370	380	U	ug/kg	380	410	U	ug/kg	410
bis(2-Chloroethyl) ether	370	U	ug/kg	370	380	U	ug/kg	380	410	U	ug/kg	410
2-Chlorophenol	370	U	ug/kg	370	380	U	ug/kg	380	410	U	ug/kg	410
1,3-Dichlorobenzene	370	U	ug/kg	370	380	U	ug/kg	380	410	U	ug/kg	410
1,4-Dichlorobenzene	370	U	ug/kg	370	380	U	ug/kg	380	410	U	ug/kg	410
Benzyl alcohol	370	U	ug/kg	370	380	U	ug/kg	380	410	U	ug/kg	410
1,2-Dichlorobenzene	370	U	ug/kg	370	380	U	ug/kg	380	410	U	ug/kg	410
2-Methylphenol	370	U	ug/kg	370	380	U	ug/kg	380	410	U	ug/kg	410
Bis(2-Chloroisopropyl) ether	370	U	ug/kg	370	380	U	ug/kg	380	410	U	ug/kg	410
4-Methylphenol	370	U	ug/kg	370	380	U	ug/kg	380	410	U	ug/kg	410
N-Nitroso-di-n-propylamine	370	U	ug/kg	370	380	U	ug/kg	380	410	U	ug/kg	410
Hexachloroethane	370	U	ug/kg	370	380	U	ug/kg	380	410	U	ug/kg	410
Nitrobenzene	370	U	ug/kg	370	380	U	ug/kg	380	410	U	ug/kg	410
Isophorone	370	U	ug/kg	370	380	U	ug/kg	380	410	U	ug/kg	410
2-Nitrophenol	370	U	ug/kg	370	380	U	ug/kg	380	410	U	ug/kg	410
2,4-Dimethylphenol	370	U	ug/kg	370	380	U	ug/kg	380	410	U	ug/kg	410
Benzoic acid	1800	U	ug/kg	1800	1800	U	ug/kg	1800	2000	U	ug/kg	2000
bis(2-Chloroethoxy) methane	370	U	ug/kg	370	380	U	ug/kg	380	410	U	ug/kg	410
2,4-Dichlorophenol	370	U	ug/kg	370	380	U	ug/kg	380	410	U	ug/kg	410
1,2,4-Trichlorobenzene	370	U	ug/kg	370	380	U	ug/kg	380	410	U	ug/kg	410
Naphthalene	370	U	ug/kg	370	380	U	ug/kg	380	410	U	ug/kg	410
4-Chloroaniline	370	U	ug/kg	370	380	U	ug/kg	380	410	U	ug/kg	410
Hexachlorobutadiene	370	U	ug/kg	370	380	U	ug/kg	380	410	U	ug/kg	410
4-Chloro-3-methylphenol	370	U	ug/kg	370	380	U	ug/kg	380	410	U	ug/kg	410
2-Methylnaphthalene	370	U	ug/kg	370	380	U	ug/kg	380	410	U	ug/kg	410
Hexachlorocyclopentadiene	370	U	ug/kg	370	380	U	ug/kg	380	410	U	ug/kg	410
2,4,6-Trichlorophenol	370	U	ug/kg	370	380	U	ug/kg	380	410	U	ug/kg	410
2,4,5-Trichlorophenol	1800	U	ug/kg	1800	1800	U	ug/kg	1800	2000	U	ug/kg	2000
2-Chloronaphthalene	370	U	ug/kg	370	380	U	ug/kg	380	410	U	ug/kg	410
2-Nitroaniline	1800	U	ug/kg	1800	1800	UJ	ug/kg	1800	2000	UJ	ug/kg	2000
Dimethylphthalate	370	U	ug/kg	370	380	U	ug/kg	380	410	U	ug/kg	410
Acenaphthylene	370	U	ug/kg	370	380	U	ug/kg	380	410	U	ug/kg	410
2,6-Dinitrotoluene	370	U	ug/kg	370	380	U	ug/kg	380	410	U	ug/kg	410
3-Nitroaniline	1800	U	ug/kg	1800	1800	UJ	ug/kg	1800	2000	UJ	ug/kg	2000
Acenaphthene	370	U	ug/kg	370	380	U	ug/kg	380	410	U	ug/kg	410
2,4-Dinitrophenol	1800	U	ug/kg	1800	1800	U	ug/kg	1800	2000	U	ug/kg	2000
4-Nitrophenol	1800	U	ug/kg	1800	1800	UJ	ug/kg	1800	2000	UJ	ug/kg	2000
Dibenzofuran	370	U	ug/kg	370	380	U	ug/kg	380	410	U	ug/kg	410
2,4-Dinitrotoluene	370	U	ug/kg	370	380	U	ug/kg	380	410	U	ug/kg	410
Diethylphthalate	370	U	ug/kg	370	380	U	ug/kg	380	410	U	ug/kg	410
4-Chlorophenyl-phenylether	370	U	ug/kg	370	380	U	ug/kg	380	410	U	ug/kg	410
Fluorene	370	U	ug/kg	370	380	U	ug/kg	380	410	U	ug/kg	410

Surface Soils - Whiting Field

VOLATILES / SEMIVOLATILES / PESTICIDES / PCBS -- SITE 16 - VALIDATED DATA

	22454002				22454003				22454004			
Lab Sample Number:												
Site	WHITING				WHITING				WHITING			
Locator	16-SL-01				16-SL-02				16-SL-03			
Collect Date:	11-AUG-92				11-AUG-92				11-AUG-92			
	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL
4-Nitroaniline	1800	UJ	ug/kg	1800	1800	UJ	ug/kg	1800	2000	UJ	ug/kg	2000
4,6-Dinitro-2-methylphenol	1800	U	ug/kg	1800	1800	U	ug/kg	1800	2000	U	ug/kg	2000
N-Nitrosodiphenylamine (1)	370	U	ug/kg	370	380	U	ug/kg	380	410	U	ug/kg	410
4-Bromophenyl-phenylether	370	U	ug/kg	370	380	U	ug/kg	380	410	U	ug/kg	410
Hexachlorobenzene	370	U	ug/kg	370	380	U	ug/kg	380	410	U	ug/kg	410
Pentachlorophenol	1800	U	ug/kg	1800	1800	U	ug/kg	1800	2000	U	ug/kg	2000
Phenanthrene	370	U	ug/kg	370	380	U	ug/kg	380	410	U	ug/kg	410
Anthracene	370	U	ug/kg	370	380	U	ug/kg	380	410	U	ug/kg	410
Di-n-butylphthalate	370	U	ug/kg	370	380	UJ	ug/kg	380	410	UJ	ug/kg	410
Fluoranthene	370	U	ug/kg	370	380	U	ug/kg	380	410	U	ug/kg	410
Pyrene	370	UJ	ug/kg	370	380	UJ	ug/kg	380	410	UJ	ug/kg	410
Butylbenzylphthalate	370	UJ	ug/kg	370	380	UJ	ug/kg	380	410	UJ	ug/kg	410
3,3-Dichlorobenzidine	730	U	ug/kg	730	760	U	ug/kg	760	820	U	ug/kg	820
Benzo (a) anthracene	370	U	ug/kg	370	380	U	ug/kg	380	410	U	ug/kg	410
Chrysene	370	UJ	ug/kg	370	380	UJ	ug/kg	380	410	UJ	ug/kg	410
bis(2-Ethylhexyl) phthalate	370	UJ	ug/kg	370	380	U	ug/kg	380	43	J	ug/kg	410
Di-n-octylphthalate	370	U	ug/kg	370	380	U	ug/kg	380	410	U	ug/kg	410
Benzo (b) fluoranthene	370	U	ug/kg	370	380	U	ug/kg	380	410	U	ug/kg	410
Benzo (k) fluoranthene	370	U	ug/kg	370	380	U	ug/kg	380	410	U	ug/kg	410
Benzo (a) pyrene	370	U	ug/kg	370	380	U	ug/kg	380	410	U	ug/kg	410
Indeno (1,2,3-cd) pyrene	370	U	ug/kg	370	380	U	ug/kg	380	410	U	ug/kg	410
Dibenz (a,h) anthracene	370	U	ug/kg	370	380	U	ug/kg	380	410	U	ug/kg	410
Benzo (g,h,i) perylene	370	U	ug/kg	370	380	U	ug/kg	380	410	U	ug/kg	410

U= NOT DETECTED J= ESTIMATED VALUE
UJ = REPORTED QUANTITATION LIMIT IS QUALIFIED AS ESTIMATED
R = RESULT IS REJECTED AND UNUSABLE

WHITING FIELD ANALYTICAL RESULT REPORT
INORGANICS ---- METALS -- SITE 16 --- VALIDATED DATA

Lab Sample Number:	S22454002				S22454003				S22454004			
Site	WHITING				WHITING				WHITING			
Locator	16-SL-01				16-SL-02				16-SL-03			
Collect Date:	11-AUG-92				11-AUG-92				11-AUG-92			
	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL
CLP METALS AND CYANIDE												
Aluminum	10900		mg/kg	40	18600		mg/kg	40	14200		mg/kg	40
Antimony	2.8	U	mg/kg	12	2.7	U	mg/kg	12	3	U	mg/kg	12
Arsenic	1.9	J	mg/kg	2	1.4	J	mg/kg	2	3.1		mg/kg	2
Barium	19.4	J	mg/kg	40	14.7	J	mg/kg	40	42.9	J	mg/kg	40
Beryllium	.12	J	mg/kg	1	.12	J	mg/kg	1	.12	J	mg/kg	1
Cadmium	.63	U	mg/kg	1	.61	U	mg/kg	1	1.6		mg/kg	1
Calcium	427	J	mg/kg	1000	345	J	mg/kg	1000	1180	J	mg/kg	1000
Chromium	10.5		mg/kg	2	14.7		mg/kg	2	14.9		mg/kg	2
Cobalt	1.3	J	mg/kg	10	.95	J	mg/kg	10	1.7	J	mg/kg	10
Copper	9.7		mg/kg	5	8.3		mg/kg	5	50.8		mg/kg	5
Iron	6300		mg/kg	20	8150		mg/kg	20	13600		mg/kg	20
Lead	76		mg/kg	1	6.7	J	mg/kg	1	121		mg/kg	1
Magnesium	106	J	mg/kg	1000	134	J	mg/kg	1000	228	J	mg/kg	1000
Manganese	80.3		mg/kg	3	19.2		mg/kg	3	228		mg/kg	3
Mercury	.08	U	mg/kg	.1	.08	U	mg/kg	.1	.1		mg/kg	.1
Nickel	2.4	U	mg/kg	8	2.4	U	mg/kg	8	5.5	J	mg/kg	8
Potassium	137	U	mg/kg	1000	133	U	mg/kg	1000	230	J	mg/kg	1000
Selenium	.42	U	mg/kg	1	.41	U	mg/kg	1	.46	U	mg/kg	1
Silver	.34	U	mg/kg	2	.33	U	mg/kg	2	.87	J	mg/kg	2
Sodium	196	J	mg/kg	1000	189	J	mg/kg	1000	232	J	mg/kg	1000
Thallium	.47	U	mg/kg	2	.46	U	mg/kg	2	.5	U	mg/kg	2
Vanadium	23.2		mg/kg	10	28.9		mg/kg	10	22.7		mg/kg	10
Zinc	22.7		mg/kg	4	12.5		mg/kg	4	128		mg/kg	4
Cyanide	.25	U	mg/kg	1	.24	U	mg/kg	1	.27	U	mg/kg	1

U= NOT DETECTED J= ESTIMATED VALUE
UJ = REPORTED QUANTITATION LIMIT IS QUALIFIED AS ESTIMATED
R = RESULT IS REJECTED AND UNUSABLE

SITE 17

WHITING FIELD ANALYTICAL RESULT REPORT
ORGANICS -- VOLATILES --- VALIDATED DATA

	22505001				22505002				22505003				22505004			
Lab Sample Number:																
Site	WHITING				WHITING				WHITING				WHITING			
Locator	17-SL-01				17-SL-02				17-SL-03				17-SL-04			
Collect Date:	15-AUG-92				15-AUG-92				15-AUG-92				15-AUG-92			
	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL
CLP VOLATILES 87-SOW																
Chloromethane	12	U	ug/kg	12	1500	U	ug/kg	1500	12	UJ	ug/kg	12	12	UJ	ug/kg	12
Bromomethane	12	U	ug/kg	12	1500	U	ug/kg	1500	12	U	ug/kg	12	12	U	ug/kg	12
Vinyl chloride	12	U	ug/kg	12	1500	U	ug/kg	1500	12	U	ug/kg	12	12	U	ug/kg	12
Chloroethane	12	U	ug/kg	12	1500	U	ug/kg	1500	12	U	ug/kg	12	12	U	ug/kg	12
Methylene chloride	51	UJ	ug/kg	6	730	UJ	ug/kg	730	8	UJ	ug/kg	6	7	UJ	ug/kg	6
Acetone	12	U	ug/kg	12	1500	UJ	ug/kg	1500	36	UJ	ug/kg	12	12	U	ug/kg	12
Carbon disulfide	2	J	ug/kg	6	730	U	ug/kg	730	6	U	ug/kg	6	1	J	ug/kg	6
1,1-Dichloroethene	6	U	ug/kg	6	730	U	ug/kg	730	6	U	ug/kg	6	6	U	ug/kg	6
1,1-Dichloroethane	6	UJ	ug/kg	6	730	U	ug/kg	730	6	U	ug/kg	6	6	U	ug/kg	6
1,2-Dichloroethene (total)	6	U	ug/kg	6	730	U	ug/kg	730	6	U	ug/kg	6	6	U	ug/kg	6
Chloroform	6	U	ug/kg	6	730	U	ug/kg	730	6	U	ug/kg	6	6	U	ug/kg	6
1,2-Dichloroethane	6	U	ug/kg	6	730	U	ug/kg	730	6	U	ug/kg	6	6	U	ug/kg	6
2-Butanone	12	UJ	ug/kg	12	1500	U	ug/kg	1500	12	U	ug/kg	12	12	U	ug/kg	12
1,1,1-Trichloroethane	6	U	ug/kg	6	730	U	ug/kg	730	6	U	ug/kg	6	6	U	ug/kg	6
Carbon tetrachloride	6	U	ug/kg	6	730	U	ug/kg	730	6	U	ug/kg	6	6	U	ug/kg	6
Vinyl acetate	12	UJ	ug/kg	12	1500	U	ug/kg	1500	12	U	ug/kg	12	12	U	ug/kg	12
Bromodichloromethane	6	U	ug/kg	6	730	U	ug/kg	730	6	U	ug/kg	6	6	U	ug/kg	6
1,2-Dichloropropane	6	U	ug/kg	6	730	U	ug/kg	730	6	U	ug/kg	6	6	U	ug/kg	6
cis-1,3-Dichloropropene	6	U	ug/kg	6	730	U	ug/kg	730	6	U	ug/kg	6	6	U	ug/kg	6
Trichloroethene	6	U	ug/kg	6	160	J	ug/kg	730	6	U	ug/kg	6	6	U	ug/kg	6
Dibromochloromethane	6	U	ug/kg	6	730	U	ug/kg	730	6	U	ug/kg	6	6	U	ug/kg	6
1,1,2-Trichloroethane	6	U	ug/kg	6	730	U	ug/kg	730	6	U	ug/kg	6	6	U	ug/kg	6
Benzene	6	U	ug/kg	6	730	U	ug/kg	730	6	U	ug/kg	6	6	U	ug/kg	6
trans-1,3-Dichloropropene	6	U	ug/kg	6	730	U	ug/kg	730	6	U	ug/kg	6	6	U	ug/kg	6
Bromoform	6	U	ug/kg	6	730	U	ug/kg	730	6	U	ug/kg	6	6	U	ug/kg	6
2-Hexanone	12	UJ	ug/kg	12	1500	U	ug/kg	1500	12	U	ug/kg	12	12	U	ug/kg	12
4-Methyl-2-pentanone	12	U	ug/kg	12	1500	U	ug/kg	1500	12	U	ug/kg	12	12	U	ug/kg	12
Tetrachloroethene	6	U	ug/kg	6	730	U	ug/kg	730	6	U	ug/kg	6	6	U	ug/kg	6
1,1,2,2-Tetrachloroethane	6	U	ug/kg	6	730	UJ	ug/kg	730	6	U	ug/kg	6	6	U	ug/kg	6
Toluene	6	U	ug/kg	6	730	U	ug/kg	730	6	U	ug/kg	6	6	U	ug/kg	6
Chlorobenzene	6	U	ug/kg	6	730	U	ug/kg	730	6	U	ug/kg	6	6	U	ug/kg	6
Ethylbenzene	6	U	ug/kg	6	730	U	ug/kg	730	6	U	ug/kg	6	6	U	ug/kg	6
Styrene	6	U	ug/kg	6	730	U	ug/kg	730	6	U	ug/kg	6	6	U	ug/kg	6
Xylenes (total)	5	J	ug/kg	6	730	U	ug/kg	730	6	U	ug/kg	6	6	U	ug/kg	6

U= NOT DETECTED J= ESTIMATED VALUE
UJ = REPORTED QUANTITATION LIMIT IS QUALIFIED AS ESTIMATED
R = RESULT IS REJECTED AND UNUSABLE

WHITING FIELD ANALYTICAL RESULT REPORT
ORGANICS -- VOLATILES --- VALIDATED DATA

	22505005				22505006				22505007				22505008			
Lab Sample Number:																
Site	WHITING				WHITING				WHITING				WHITING			
Locator	17-SL-05				17-SL-06				17-SL-07				17-SL-08			
Collect Date:	15-AUG-92				15-AUG-92				15-AUG-92				15-AUG-92			
	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL
CLP VOLATILES 87-SOW																
Chloromethane	12	UJ	ug/kg	12	11	UJ	ug/kg	11	13	UJ	ug/kg	13	12	UJ	ug/kg	12
Bromomethane	12	U	ug/kg	12	11	U	ug/kg	11	13	U	ug/kg	13	12	U	ug/kg	12
Vinyl chloride	12	U	ug/kg	12	11	U	ug/kg	11	13	U	ug/kg	13	12	U	ug/kg	12
Chloroethane	12	U	ug/kg	12	11	U	ug/kg	11	13	U	ug/kg	13	12	U	ug/kg	12
Methylene chloride	12	UJ	ug/kg	6	96	UJ	ug/kg	5	9	UJ	ug/kg	6	61	UJ	ug/kg	6
Acetone	36	UJ	ug/kg	12	88	UJ	ug/kg	11	13	UJ	ug/kg	13	12	UJ	ug/kg	12
Carbon disulfide	6	U	ug/kg	6	11		ug/kg	5	1	J	ug/kg	6	1	J	ug/kg	6
1,1-Dichloroethene	6	U	ug/kg	6	5	U	ug/kg	5	7	U	ug/kg	7	6	U	ug/kg	6
1,1-Dichloroethane	6	U	ug/kg	6	5	U	ug/kg	5	7	U	ug/kg	7	6	U	ug/kg	6
1,2-Dichloroethene (total)	6	U	ug/kg	6	5	U	ug/kg	5	7	U	ug/kg	7	6	U	ug/kg	6
Chloroform	6	U	ug/kg	6	5	U	ug/kg	5	7	U	ug/kg	7	6	U	ug/kg	6
1,2-Dichloroethane	6	U	ug/kg	6	5	U	ug/kg	5	7	U	ug/kg	7	6	U	ug/kg	6
2-Butanone	12	U	ug/kg	12	11	U	ug/kg	11	13	U	ug/kg	13	12	U	ug/kg	12
1,1,1-Trichloroethane	6	U	ug/kg	6	5	U	ug/kg	5	7	U	ug/kg	7	6	U	ug/kg	6
Carbon tetrachloride	6	U	ug/kg	6	5	U	ug/kg	5	7	U	ug/kg	7	6	U	ug/kg	6
Vinyl acetate	12	U	ug/kg	12	11	U	ug/kg	11	13	U	ug/kg	13	12	U	ug/kg	12
Bromodichloromethane	6	U	ug/kg	6	5	U	ug/kg	5	7	U	ug/kg	7	6	U	ug/kg	6
1,2-Dichloropropane	6	U	ug/kg	6	5	U	ug/kg	5	7	U	ug/kg	7	6	U	ug/kg	6
cis-1,3-Dichloropropene	6	U	ug/kg	6	5	U	ug/kg	5	7	U	ug/kg	7	6	U	ug/kg	6
Trichloroethene	6	U	ug/kg	6	5	U	ug/kg	5	7	U	ug/kg	7	2	J	ug/kg	6
Dibromochloromethane	6	U	ug/kg	6	5	U	ug/kg	5	7	U	ug/kg	7	6	U	ug/kg	6
1,1,2-Trichloroethane	6	U	ug/kg	6	5	U	ug/kg	5	7	U	ug/kg	7	6	U	ug/kg	6
Benzene	6	U	ug/kg	6	5	U	ug/kg	5	7	U	ug/kg	7	6	U	ug/kg	6
trans-1,3-Dichloropropene	6	U	ug/kg	6	5	U	ug/kg	5	7	U	ug/kg	7	6	U	ug/kg	6
Bromoform	6	U	ug/kg	6	5	U	ug/kg	5	7	U	ug/kg	7	6	U	ug/kg	6
2-Hexanone	12	U	ug/kg	12	11	U	ug/kg	11	13	U	ug/kg	13	12	U	ug/kg	12
4-Methyl-2-pentanone	12	U	ug/kg	12	11	U	ug/kg	11	13	U	ug/kg	13	12	U	ug/kg	12
Tetrachloroethene	6	U	ug/kg	6	5	U	ug/kg	5	7	U	ug/kg	7	6	U	ug/kg	6
1,1,2,2-Tetrachloroethane	6	U	ug/kg	6	5	U	ug/kg	5	7	U	ug/kg	7	6	U	ug/kg	6
Toluene	6	U	ug/kg	6	2	J	ug/kg	5	7	U	ug/kg	7	6	U	ug/kg	6
Chlorobenzene	6	U	ug/kg	6	5	U	ug/kg	5	7	U	ug/kg	7	6	U	ug/kg	6
Ethylbenzene	6	U	ug/kg	6	3	J	ug/kg	5	7	U	ug/kg	7	6	U	ug/kg	6
Styrene	6	U	ug/kg	6	5	U	ug/kg	5	7	U	ug/kg	7	6	U	ug/kg	6
Xylenes (total)	6	U	ug/kg	6	11		ug/kg	5	7	U	ug/kg	7	4	J	ug/kg	6

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WHITING FIELD ANALYTICAL RESULT REPORT
ORGANICS -- VOLATILES --- VALIDATED DATA

Lab Sample Number:	22505009				22505010				22520001				22520002					
Site	WHITING				WHITING				WHITING				WHITING					
Locator	17-SL-09				17-SL-10				17-SL-15				17-SL-16					
Collect Date:	15-AUG-92				15-AUG-92				15-AUG-92				15-AUG-92					
	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL		
CLP VOLATILES 87-SOW																		
Chloromethane	12	UJ	ug/kg	12	12	UJ	ug/kg	12	11	U	ug/kg	11	12	UJ	ug/kg	12		
Bromomethane	12	U	ug/kg	12	12	U	ug/kg	12	11	U	ug/kg	11	12	UJ	ug/kg	12		
Vinyl chloride	12	U	ug/kg	12	12	U	ug/kg	12	11	U	ug/kg	11	12	UJ	ug/kg	12		
Chloroethane	12	U	ug/kg	12	12	U	ug/kg	12	11	U	ug/kg	11	12	UJ	ug/kg	12		
Methylene chloride	33	UJ	ug/kg	6	34	UJ	ug/kg	6	15	UJ	ug/kg	6	130	J	ug/kg	6		
Acetone	11	UJ	ug/kg	12	12	U	ug/kg	12	19	UJ	ug/kg	11	12	UJ	ug/kg	12		
Carbon disulfide	1	J	ug/kg	6	6	U	ug/kg	6	6	U	ug/kg	6	5	J	ug/kg	6		
1,1-Dichloroethene	6	U	ug/kg	6	6	U	ug/kg	6	6	U	ug/kg	6	6	UJ	ug/kg	6		
1,1-Dichloroethane	6	U	ug/kg	6	6	U	ug/kg	6	6	UJ	ug/kg	6	6	UJ	ug/kg	6		
1,2-Dichloroethene (total)	6	U	ug/kg	6	6	U	ug/kg	6	6	U	ug/kg	6	6	UJ	ug/kg	6		
Chloroform	6	U	ug/kg	6	6	U	ug/kg	6	6	U	ug/kg	6	6	UJ	ug/kg	6		
1,2-Dichloroethane	6	U	ug/kg	6	6	U	ug/kg	6	6	U	ug/kg	6	6	UJ	ug/kg	6		
2-Butanone	12	U	ug/kg	12	12	U	ug/kg	12	11	UJ	ug/kg	11	12	UJ	ug/kg	12		
1,1,1-Trichloroethane	6	U	ug/kg	6	6	U	ug/kg	6	6	U	ug/kg	6	6	UJ	ug/kg	6		
Carbon tetrachloride	6	U	ug/kg	6	6	U	ug/kg	6	6	U	ug/kg	6	6	UJ	ug/kg	6		
Vinyl acetate	12	U	ug/kg	12	12	U	ug/kg	12	11	UJ	ug/kg	11	12	UJ	ug/kg	12		
Bromodichloromethane	6	U	ug/kg	6	6	U	ug/kg	6	6	U	ug/kg	6	6	UJ	ug/kg	6		
1,2-Dichloropropane	6	U	ug/kg	6	6	U	ug/kg	6	6	U	ug/kg	6	6	UJ	ug/kg	6		
cis-1,3-Dichloropropene	6	U	ug/kg	6	6	U	ug/kg	6	6	U	ug/kg	6	6	UJ	ug/kg	6		
Trichloroethene	6	U	ug/kg	6	6	U	ug/kg	6	6	U	ug/kg	6	6	UJ	ug/kg	6		
Dibromochloromethane	6	U	ug/kg	6	6	U	ug/kg	6	6	U	ug/kg	6	6	UJ	ug/kg	6		
1,1,2-Trichloroethane	6	U	ug/kg	6	6	U	ug/kg	6	6	U	ug/kg	6	6	UJ	ug/kg	6		
Benzene	6	U	ug/kg	6	6	U	ug/kg	6	6	U	ug/kg	6	6	UJ	ug/kg	6		
trans-1,3-Dichloropropene	6	U	ug/kg	6	6	U	ug/kg	6	6	U	ug/kg	6	6	UJ	ug/kg	6		
Bromoform	6	U	ug/kg	6	6	U	ug/kg	6	6	UJ	ug/kg	6	6	UJ	ug/kg	6		
2-Hexanone	12	U	ug/kg	12	12	U	ug/kg	12	11	U	ug/kg	11	12	UJ	ug/kg	12		
4-Methyl-2-pentanone	12	U	ug/kg	12	12	U	ug/kg	12	11	U	ug/kg	11	12	UJ	ug/kg	12		
Tetrachloroethene	6	U	ug/kg	6	6	U	ug/kg	6	6	U	ug/kg	6	6	UJ	ug/kg	6		
1,1,2,2-Tetrachloroethane	6	U	ug/kg	6	6	U	ug/kg	6	6	U	ug/kg	6	6	UJ	ug/kg	6		
Toluene	6	U	ug/kg	6	6	U	ug/kg	6	6	U	ug/kg	6	6	UJ	ug/kg	6		
Chlorobenzene	6	U	ug/kg	6	6	U	ug/kg	6	6	U	ug/kg	6	6	UJ	ug/kg	6		
Ethylbenzene	6	U	ug/kg	6	6	U	ug/kg	6	6	U	ug/kg	6	6	UJ	ug/kg	6		
Styrene	6	U	ug/kg	6	6	U	ug/kg	6	6	U	ug/kg	6	6	UJ	ug/kg	6		
Xylenes (total)	4	J	ug/kg	6	3	J	ug/kg	6	6	U	ug/kg	6	3	J	ug/kg	6		

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WHITING FIELD ANALYTICAL RESULT REPORT
ORGANICS -- VOLATILES --- VALIDATED DATA

	22520002R				22520004				22520003				22520003R			
Lab Sample Number:																
Site	WHITING				WHITING				WHITING				WHITING			
Locator	17-SL-16_R				17-SL-18				17-SL-19				17-SL-19_R			
Collect Date:	15-AUG-92				15-AUG-92				15-AUG-92				15-AUG-92			
	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL
CLP VOLATILES 87-SOW																
Chloromethane	12	UJ	ug/kg	12	12	U	ug/kg	12	6000	UJ	ug/kg	6000	6000	UJ	ug/kg	6000
Bromomethane	12	UJ	ug/kg	12	12	U	ug/kg	12	6000	UJ	ug/kg	6000	6000	UJ	ug/kg	6000
Vinyl chloride	12	UJ	ug/kg	12	12	U	ug/kg	12	6000	UJ	ug/kg	6000	6000	UJ	ug/kg	6000
Chloroethane	12	UJ	ug/kg	12	12	U	ug/kg	12	6000	UJ	ug/kg	6000	6000	UJ	ug/kg	6000
Methylene chloride	57	J	ug/kg	6	9	UJ	ug/kg	6	3000	UJ	ug/kg	3000	4600	UJ	ug/kg	3000
Acetone	14	UJ	ug/kg	12	56	UJ	ug/kg	12	6000	UJ	ug/kg	6000	6600	UJ	ug/kg	6000
Carbon disulfide	7	J	ug/kg	6	6	U	ug/kg	6	3000	UJ	ug/kg	3000	3000	UJ	ug/kg	3000
1,1-Dichloroethene	6	UJ	ug/kg	6	6	U	ug/kg	6	3000	UJ	ug/kg	3000	3000	UJ	ug/kg	3000
1,1-Dichloroethane	6	UJ	ug/kg	6	6	UJ	ug/kg	6	3000	UJ	ug/kg	3000	3000	UJ	ug/kg	3000
1,2-Dichloroethene (total)	6	UJ	ug/kg	6	6	U	ug/kg	6	3000	UJ	ug/kg	3000	3000	UJ	ug/kg	3000
Chloroform	6	UJ	ug/kg	6	6	U	ug/kg	6	3000	UJ	ug/kg	3000	3000	UJ	ug/kg	3000
1,2-Dichloroethane	6	UJ	ug/kg	6	6	U	ug/kg	6	3000	UJ	ug/kg	3000	3000	UJ	ug/kg	3000
2-Butanone	12	UJ	ug/kg	12	12	UJ	ug/kg	12	6000	UJ	ug/kg	6000	6000	UJ	ug/kg	6000
1,1,1-Trichloroethane	6	UJ	ug/kg	6	6	U	ug/kg	6	3000	UJ	ug/kg	3000	3000	UJ	ug/kg	3000
Carbon tetrachloride	6	UJ	ug/kg	6	6	U	ug/kg	6	3000	UJ	ug/kg	3000	3000	UJ	ug/kg	3000
Vinyl acetate	12	UJ	ug/kg	12	12	UJ	ug/kg	12	6000	UJ	ug/kg	6000	6000	UJ	ug/kg	6000
Bromodichloromethane	6	UJ	ug/kg	6	6	U	ug/kg	6	3000	UJ	ug/kg	3000	3000	UJ	ug/kg	3000
1,2-Dichloropropane	6	UJ	ug/kg	6	6	U	ug/kg	6	3000	UJ	ug/kg	3000	3000	UJ	ug/kg	3000
cis-1,3-Dichloropropene	6	UJ	ug/kg	6	6	U	ug/kg	6	3000	UJ	ug/kg	3000	3000	UJ	ug/kg	3000
Trichloroethene	6	UJ	ug/kg	6	6	U	ug/kg	6	3000	UJ	ug/kg	3000	3000	UJ	ug/kg	3000
Dibromochloromethane	6	UJ	ug/kg	6	6	U	ug/kg	6	3000	UJ	ug/kg	3000	3000	UJ	ug/kg	3000
1,1,2-Trichloroethane	6	UJ	ug/kg	6	6	U	ug/kg	6	3000	UJ	ug/kg	3000	3000	UJ	ug/kg	3000
Benzene	6	UJ	ug/kg	6	6	U	ug/kg	6	3000	UJ	ug/kg	3000	3000	UJ	ug/kg	3000
trans-1,3-Dichloropropene	6	UJ	ug/kg	6	6	U	ug/kg	6	3000	UJ	ug/kg	3000	3000	UJ	ug/kg	3000
Bromoform	6	UJ	ug/kg	6	6	U	ug/kg	6	3000	UJ	ug/kg	3000	3000	UJ	ug/kg	3000
2-Hexanone	12	UJ	ug/kg	12	12	UJ	ug/kg	12	6000	UJ	ug/kg	6000	6000	UJ	ug/kg	6000
4-Methyl-2-pentanone	12	UJ	ug/kg	12	12	U	ug/kg	12	6000	UJ	ug/kg	6000	6000	UJ	ug/kg	6000
Tetrachloroethene	6	UJ	ug/kg	6	6	U	ug/kg	6	3000	UJ	ug/kg	3000	3000	UJ	ug/kg	3000
1,1,2,2-Tetrachloroethane	6	UJ	ug/kg	6	6	U	ug/kg	6	3000	UJ	ug/kg	3000	3000	UJ	ug/kg	3000
Toluene	6	UJ	ug/kg	6	6	U	ug/kg	6	23000	J	ug/kg	3000	11000	J	ug/kg	3000
Chlorobenzene	6	UJ	ug/kg	6	6	U	ug/kg	6	3000	UJ	ug/kg	3000	3000	UJ	ug/kg	3000
Ethylbenzene	6	UJ	ug/kg	6	6	U	ug/kg	6	14000	J	ug/kg	3000	6900	J	ug/kg	3000
Styrene	6	UJ	ug/kg	6	6	U	ug/kg	6	3000	UJ	ug/kg	3000	3000	UJ	ug/kg	3000
Xylenes (total)	5	J	ug/kg	6	6	U	ug/kg	6	130000	J	ug/kg	3000	70000	J	ug/kg	3000

U= NOT DETECTED J= ESTIMATED VALUE
UJ = REPORTED QUANTITATION LIMIT IS QUALIFIED AS ESTIMATED
R = RESULT IS REJECTED AND UNUSABLE

WHITING FIELD ANALYTICAL RESULT REPORT
ORGANICS -- VOLATILES --- VALIDATED DATA

Lab Sample Number:	22520005				22520005R				22520006				22520007			
Site	WHITING				WHITING				WHITING				WHITING			
Locator	17-SL-29				17-SL-29 R				17-SL-30				17-SL-31			
Collect Date:	15-AUG-92				15-AUG-92				15-AUG-92				15-AUG-92			
	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL
CLP VOLATILES 87-SOW																
Chloromethane	12	UJ	ug/kg	12	12	UJ	ug/kg	12	11	U	ug/kg	11	12	U	ug/kg	12
Bromomethane	12	UJ	ug/kg	12	12	UJ	ug/kg	12	11	U	ug/kg	11	12	U	ug/kg	12
Vinyl chloride	12	UJ	ug/kg	12	12	UJ	ug/kg	12	11	U	ug/kg	11	12	U	ug/kg	12
Chloroethane	12	UJ	ug/kg	12	12	UJ	ug/kg	12	11	U	ug/kg	11	12	U	ug/kg	12
Methylene chloride	69	J	ug/kg	6	39	UJ	ug/kg	6	11	UJ	ug/kg	5	32	UJ	ug/kg	6
Acetone	12	UJ	ug/kg	12	14	UJ	ug/kg	12	11	UJ	ug/kg	11	34	UJ	ug/kg	12
Carbon disulfide	2	J	ug/kg	6	4	J	ug/kg	6	5	U	ug/kg	5	6	U	ug/kg	6
1,1-Dichloroethene	6	UJ	ug/kg	6	6	UJ	ug/kg	6	5	U	ug/kg	5	6	U	ug/kg	6
1,1-Dichloroethane	6	UJ	ug/kg	6	6	UJ	ug/kg	6	5	UJ	ug/kg	5	6	U	ug/kg	6
1,2-Dichloroethene (total)	6	UJ	ug/kg	6	6	UJ	ug/kg	6	5	U	ug/kg	5	6	U	ug/kg	6
Chloroform	6	UJ	ug/kg	6	6	UJ	ug/kg	6	5	U	ug/kg	5	6	U	ug/kg	6
1,2-Dichloroethane	6	UJ	ug/kg	6	6	UJ	ug/kg	6	5	U	ug/kg	5	6	U	ug/kg	6
2-Butanone	12	UJ	ug/kg	12	12	UJ	ug/kg	12	11	UJ	ug/kg	11	12	U	ug/kg	12
1,1,1-Trichloroethane	6	UJ	ug/kg	6	6	UJ	ug/kg	6	5	U	ug/kg	5	6	U	ug/kg	6
Carbon tetrachloride	6	UJ	ug/kg	6	6	UJ	ug/kg	6	5	U	ug/kg	5	6	U	ug/kg	6
Vinyl acetate	12	UJ	ug/kg	12	12	UJ	ug/kg	12	11	UJ	ug/kg	11	12	U	ug/kg	12
Bromodichloromethane	6	UJ	ug/kg	6	6	UJ	ug/kg	6	5	U	ug/kg	5	6	U	ug/kg	6
1,2-Dichloropropane	6	UJ	ug/kg	6	6	UJ	ug/kg	6	5	U	ug/kg	5	6	U	ug/kg	6
cis-1,3-Dichloropropene	6	UJ	ug/kg	6	6	UJ	ug/kg	6	5	U	ug/kg	5	6	U	ug/kg	6
Trichloroethene	6	UJ	ug/kg	6	6	UJ	ug/kg	6	5	U	ug/kg	5	6	U	ug/kg	6
Dibromochloromethane	6	UJ	ug/kg	6	6	UJ	ug/kg	6	5	U	ug/kg	5	6	U	ug/kg	6
1,1,2-Trichloroethane	6	UJ	ug/kg	6	6	UJ	ug/kg	6	5	U	ug/kg	5	6	U	ug/kg	6
Benzene	6	UJ	ug/kg	6	6	UJ	ug/kg	6	5	U	ug/kg	5	6	U	ug/kg	6
trans-1,3-Dichloropropene	6	UJ	ug/kg	6	6	UJ	ug/kg	6	5	U	ug/kg	5	6	U	ug/kg	6
Bromoform	6	UJ	ug/kg	6	6	UJ	ug/kg	6	5	U	ug/kg	5	6	U	ug/kg	6
2-Hexanone	12	UJ	ug/kg	12	12	UJ	ug/kg	12	11	U	ug/kg	11	12	U	ug/kg	12
4-Methyl-2-pentanone	12	UJ	ug/kg	12	12	UJ	ug/kg	12	11	UJ	ug/kg	11	12	U	ug/kg	12
Tetrachloroethene	6	UJ	ug/kg	6	6	UJ	ug/kg	6	5	U	ug/kg	5	6	U	ug/kg	6
1,1,2,2-Tetrachloroethane	6	UJ	ug/kg	6	6	UJ	ug/kg	6	5	U	ug/kg	5	6	U	ug/kg	6
Toluene	1	J	ug/kg	6	6	UJ	ug/kg	6	5	U	ug/kg	5	6	U	ug/kg	6
Chlorobenzene	6	UJ	ug/kg	6	6	UJ	ug/kg	6	5	U	ug/kg	5	6	U	ug/kg	6
Ethylbenzene	6	UJ	ug/kg	6	6	UJ	ug/kg	6	5	U	ug/kg	5	6	U	ug/kg	6
Styrene	6	UJ	ug/kg	6	6	UJ	ug/kg	6	5	U	ug/kg	5	6	U	ug/kg	6
Xylenes (total)	2	J	ug/kg	6	2	J	ug/kg	6	1	J	ug/kg	5	3	J	ug/kg	6

U= NOT DETECTED J= ESTIMATED VALUE
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WHITING FIELD ANALYTICAL RESULT REPORT
ORGANICS -- VOLATILES --- VALIDATED DATA

Lab Sample Number:	22520008				22520009				22520010				22516001			
Site	WHITING				WHITING				WHITING				WHITING			
Locator	17-SL-32				17-SL-33				17-SL-34				17-SL-11			
Collect Date:	15-AUG-92				15-AUG-92				15-AUG-92				16-AUG-92			
	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL
CLP VOLATILES 87-SOW																
Chloromethane	11	U	ug/kg	11	11	U	ug/kg	11	11	U	ug/kg	11	1500	U	ug/kg	1500
Bromomethane	11	U	ug/kg	11	11	U	ug/kg	11	11	U	ug/kg	11	1500	U	ug/kg	1500
Vinyl chloride	11	U	ug/kg	11	11	U	ug/kg	11	11	U	ug/kg	11	1500	U	ug/kg	1500
Chloroethane	11	U	ug/kg	11	11	U	ug/kg	11	11	U	ug/kg	11	1500	U	ug/kg	1500
Methylene chloride	39	UJ	ug/kg	6	25	UJ	ug/kg	6	37	UJ	ug/kg	6	730	UJ	ug/kg	730
Acetone	11	UJ	ug/kg	11	11	UJ	ug/kg	11	11	UJ	ug/kg	11	1500	UJ	ug/kg	1500
Carbon disulfide	2	J	ug/kg	6	2	J	ug/kg	6	3	J	ug/kg	6	730	U	ug/kg	730
1,1-Dichloroethene	6	U	ug/kg	6	6	U	ug/kg	6	6	U	ug/kg	6	730	U	ug/kg	730
1,1-Dichloroethane	6	U	ug/kg	6	6	U	ug/kg	6	6	U	ug/kg	6	730	U	ug/kg	730
1,2-Dichloroethene (total)	6	U	ug/kg	6	6	U	ug/kg	6	6	U	ug/kg	6	730	U	ug/kg	730
Chloroform	6	U	ug/kg	6	6	U	ug/kg	6	6	U	ug/kg	6	730	U	ug/kg	730
1,2-Dichloroethane	6	U	ug/kg	6	6	U	ug/kg	6	6	U	ug/kg	6	730	U	ug/kg	730
2-Butanone	11	U	ug/kg	11	11	U	ug/kg	11	11	U	ug/kg	11	1500	U	ug/kg	1500
1,1,1-Trichloroethane	6	U	ug/kg	6	6	U	ug/kg	6	6	U	ug/kg	6	730	U	ug/kg	730
Carbon tetrachloride	6	U	ug/kg	6	6	U	ug/kg	6	6	U	ug/kg	6	730	U	ug/kg	730
Vinyl acetate	11	U	ug/kg	11	11	U	ug/kg	11	11	U	ug/kg	11	1500	U	ug/kg	1500
Bromodichloromethane	6	U	ug/kg	6	6	U	ug/kg	6	6	U	ug/kg	6	730	U	ug/kg	730
1,2-Dichloropropane	6	U	ug/kg	6	6	U	ug/kg	6	6	U	ug/kg	6	730	U	ug/kg	730
cis-1,3-Dichloropropene	6	U	ug/kg	6	6	U	ug/kg	6	6	U	ug/kg	6	730	U	ug/kg	730
Trichloroethene	6	U	ug/kg	6	6	U	ug/kg	6	6	U	ug/kg	6	730	U	ug/kg	730
Dibromochloromethane	6	U	ug/kg	6	6	U	ug/kg	6	6	U	ug/kg	6	730	U	ug/kg	730
1,1,2-Trichloroethane	6	U	ug/kg	6	6	U	ug/kg	6	6	U	ug/kg	6	730	U	ug/kg	730
Benzene	6	U	ug/kg	6	6	U	ug/kg	6	6	U	ug/kg	6	730	U	ug/kg	730
trans-1,3-Dichloropropene	6	U	ug/kg	6	6	U	ug/kg	6	6	U	ug/kg	6	730	U	ug/kg	730
Bromoform	6	U	ug/kg	6	6	U	ug/kg	6	6	U	ug/kg	6	730	U	ug/kg	730
2-Hexanone	11	U	ug/kg	11	11	U	ug/kg	11	11	U	ug/kg	11	1500	U	ug/kg	1500
4-Methyl-2-pentanone	11	U	ug/kg	11	11	U	ug/kg	11	11	U	ug/kg	11	1500	U	ug/kg	1500
Tetrachloroethene	6	U	ug/kg	6	6	U	ug/kg	6	6	U	ug/kg	6	730	U	ug/kg	730
1,1,2,2-Tetrachloroethane	6	U	ug/kg	6	6	U	ug/kg	6	6	U	ug/kg	6	730	UJ	ug/kg	730
Toluene	6	U	ug/kg	6	6	U	ug/kg	6	6	U	ug/kg	6	730	U	ug/kg	730
Chlorobenzene	6	U	ug/kg	6	6	U	ug/kg	6	6	U	ug/kg	6	730	U	ug/kg	730
Ethylbenzene	6	U	ug/kg	6	6	U	ug/kg	6	6	U	ug/kg	6	5000		ug/kg	730
Styrene	6	U	ug/kg	6	6	U	ug/kg	6	6	U	ug/kg	6	730	U	ug/kg	730
Xylenes (total)	5	J	ug/kg	6	5	J	ug/kg	6	2	J	ug/kg	6	30000	E	ug/kg	730

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WHITING FIELD ANALYTICAL RESULT REPORT
ORGANICS -- VOLATILES --- VALIDATED DATA

	22516002				22514011				22514012				22514012R			
Lab Sample Number:																
Site	WHITING				WHITING				WHITING				WHITING			
Locator	17-SL-11A				17-SL-12				17-SL-13				17-SL-13_R			
Collect Date:	16-AUG-92				16-AUG-92				16-AUG-92				16-AUG-92			
	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL
CLP VOLATILES 87-SOW																
Chloromethane	15000	U	ug/kg	15000	15	UJ	ug/kg	15	58	UJ	ug/kg	58	58	UJ	ug/kg	58
Bromomethane	15000	U	ug/kg	15000	15	U	ug/kg	15	58	UJ	ug/kg	58	58	UJ	ug/kg	58
Vinyl chloride	15000	U	ug/kg	15000	15	U	ug/kg	15	58	UJ	ug/kg	58	58	UJ	ug/kg	58
Chloroethane	15000	U	ug/kg	15000	15	U	ug/kg	15	58	UJ	ug/kg	58	58	UJ	ug/kg	58
Methylene chloride	7300	UJ	ug/kg	7300	48	UJ	ug/kg	9	62	UJ	ug/kg	140	90	UJ	ug/kg	140
Acetone	15000	UJ	ug/kg	15000	270	UJ	ug/kg	18	140	UJ	ug/kg	290	120	UJ	ug/kg	290
Carbon disulfide	7300	U	ug/kg	7300	2	J	ug/kg	9	29	UJ	ug/kg	29	29	UJ	ug/kg	29
1,1-Dichloroethene	7300	U	ug/kg	7300	7	U	ug/kg	7	29	UJ	ug/kg	29	29	UJ	ug/kg	29
1,1-Dichloroethane	7300	U	ug/kg	7300	7	U	ug/kg	7	29	UJ	ug/kg	29	29	UJ	ug/kg	29
1,2-Dichloroethene (total)	7300	U	ug/kg	7300	7	U	ug/kg	7	29	UJ	ug/kg	29	29	UJ	ug/kg	29
Chloroform	7300	U	ug/kg	7300	7	U	ug/kg	7	29	UJ	ug/kg	29	29	UJ	ug/kg	29
1,2-Dichloroethane	7300	U	ug/kg	7300	7	U	ug/kg	7	29	UJ	ug/kg	29	29	UJ	ug/kg	29
2-Butanone	15000	U	ug/kg	15000	55		ug/kg	18	58	UJ	ug/kg	58	58	UJ	ug/kg	58
1,1,1-Trichloroethane	7300	U	ug/kg	7300	7	U	ug/kg	7	29	UJ	ug/kg	29	29	UJ	ug/kg	29
Carbon tetrachloride	7300	U	ug/kg	7300	7	U	ug/kg	7	29	UJ	ug/kg	29	29	UJ	ug/kg	29
Vinyl acetate	15000	U	ug/kg	15000	15	U	ug/kg	15	58	UJ	ug/kg	58	58	UJ	ug/kg	58
Bromodichloromethane	7300	U	ug/kg	7300	7	U	ug/kg	7	29	UJ	ug/kg	29	29	UJ	ug/kg	29
1,2-Dichloropropane	7300	U	ug/kg	7300	7	U	ug/kg	7	29	UJ	ug/kg	29	29	UJ	ug/kg	29
cis-1,3-Dichloropropene	7300	U	ug/kg	7300	7	U	ug/kg	7	29	UJ	ug/kg	29	29	UJ	ug/kg	29
Trichloroethene	7300	U	ug/kg	7300	7	U	ug/kg	7	29	UJ	ug/kg	29	29	UJ	ug/kg	29
Dibromochloromethane	7300	U	ug/kg	7300	7	U	ug/kg	7	29	UJ	ug/kg	29	29	UJ	ug/kg	29
1,1,2-Trichloroethane	7300	U	ug/kg	7300	7	U	ug/kg	7	29	UJ	ug/kg	29	29	UJ	ug/kg	29
Benzene	7300	U	ug/kg	7300	7	U	ug/kg	7	29	UJ	ug/kg	29	29	UJ	ug/kg	29
trans-1,3-Dichloropropene	7300	U	ug/kg	7300	7	U	ug/kg	7	29	UJ	ug/kg	29	29	UJ	ug/kg	29
Bromoform	7300	U	ug/kg	7300	7	UJ	ug/kg	7	29	UJ	ug/kg	29	29	UJ	ug/kg	29
2-Hexanone	15000	U	ug/kg	15000	15	U	ug/kg	15	58	UJ	ug/kg	58	58	UJ	ug/kg	58
4-Methyl-2-pentanone	15000	U	ug/kg	15000	15	U	ug/kg	15	58	UJ	ug/kg	58	58	UJ	ug/kg	58
Tetrachloroethene	7300	U	ug/kg	7300	7	U	ug/kg	7	29	UJ	ug/kg	29	29	UJ	ug/kg	29
1,1,2,2-Tetrachloroethane	7300	UJ	ug/kg	7300	7	U	ug/kg	7	29	UJ	ug/kg	29	29	UJ	ug/kg	29
Toluene	7300	U	ug/kg	7300	7	U	ug/kg	7	29	UJ	ug/kg	29	29	UJ	ug/kg	29
Chlorobenzene	7300	U	ug/kg	7300	7	U	ug/kg	7	29	UJ	ug/kg	29	29	UJ	ug/kg	29
Ethylbenzene	12000		ug/kg	7300	2	J	ug/kg	9	29	UJ	ug/kg	29	29	UJ	ug/kg	29
Styrene	7300	U	ug/kg	7300	7	U	ug/kg	7	29	UJ	ug/kg	29	29	UJ	ug/kg	29
Xylenes (total)	84000		ug/kg	7300	38		ug/kg	9	29	UJ	ug/kg	29	29	UJ	ug/kg	29

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WHITING FIELD ANALYTICAL RESULT REPORT
ORGANICS -- VOLATILES --- VALIDATED DATA

	22514013				22514013R				22514014				22514008			
Lab Sample Number:																
Site	WHITING				WHITING				WHITING				WHITING			
Locator	17-SL-14				17-SL-14_R				17-SL-17				17-SL-17A			
Collect Date:	16-AUG-92				16-AUG-92				16-AUG-92				16-AUG-92			
	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL
CLP VOLATILES 87-SOW																
Chloromethane	57	UJ	ug/kg	57	57	UJ	ug/kg	57	1500	U	ug/kg	1500	1500	U	ug/kg	1500
Bromomethane	57	UJ	ug/kg	57	57	UJ	ug/kg	57	1500	U	ug/kg	1500	1500	U	ug/kg	1500
Vinyl chloride	57	UJ	ug/kg	57	57	UJ	ug/kg	57	1500	U	ug/kg	1500	1500	U	ug/kg	1500
Chloroethane	57	UJ	ug/kg	57	57	UJ	ug/kg	57	1500	U	ug/kg	1500	1500	U	ug/kg	1500
Methylene chloride	160	UJ	ug/kg	140	91	UJ	ug/kg	140	740	UJ	ug/kg	7	730	UJ	ug/kg	7
Acetone	390	UJ	ug/kg	280	270	UJ	ug/kg	280	1500	UJ	ug/kg	15	1500	UJ	ug/kg	14
Carbon disulfide	26	J	ug/kg	140	9	J	ug/kg	140	740	U	ug/kg	740	730	U	ug/kg	730
1,1-Dichloroethene	28	UJ	ug/kg	28	28	UJ	ug/kg	28	740	U	ug/kg	740	730	U	ug/kg	730
1,1-Dichloroethane	28	UJ	ug/kg	28	28	UJ	ug/kg	28	740	U	ug/kg	740	730	U	ug/kg	730
1,2-Dichloroethene (total)	28	UJ	ug/kg	28	28	UJ	ug/kg	28	740	U	ug/kg	740	730	U	ug/kg	730
Chloroform	28	UJ	ug/kg	28	28	UJ	ug/kg	28	740	U	ug/kg	740	730	U	ug/kg	730
1,2-Dichloroethane	28	UJ	ug/kg	28	28	UJ	ug/kg	28	740	U	ug/kg	740	730	UJ	ug/kg	730
2-Butanone	80	J	ug/kg	280	52	J	ug/kg	280	1500	UJ	ug/kg	1500	1500	U	ug/kg	1500
1,1,1-Trichloroethane	28	UJ	ug/kg	28	28	UJ	ug/kg	28	740	U	ug/kg	740	730	U	ug/kg	730
Carbon tetrachloride	28	UJ	ug/kg	28	28	UJ	ug/kg	28	740	U	ug/kg	740	730	U	ug/kg	730
Vinyl acetate	57	UJ	ug/kg	57	57	UJ	ug/kg	57	1500	UJ	ug/kg	1500	1500	UJ	ug/kg	1500
Bromodichloromethane	28	UJ	ug/kg	28	28	UJ	ug/kg	28	740	U	ug/kg	740	730	U	ug/kg	730
1,2-Dichloropropane	28	UJ	ug/kg	28	28	UJ	ug/kg	28	740	U	ug/kg	740	730	U	ug/kg	730
cis-1,3-Dichloropropene	28	UJ	ug/kg	28	28	UJ	ug/kg	28	740	U	ug/kg	740	730	U	ug/kg	730
Trichloroethene	28	UJ	ug/kg	28	28	UJ	ug/kg	28	740	U	ug/kg	740	730	U	ug/kg	730
Dibromochloromethane	28	UJ	ug/kg	28	28	UJ	ug/kg	28	740	U	ug/kg	740	730	U	ug/kg	730
1,1,2-Trichloroethane	28	UJ	ug/kg	28	28	UJ	ug/kg	28	740	U	ug/kg	740	730	U	ug/kg	730
Benzene	28	UJ	ug/kg	28	28	UJ	ug/kg	28	740	U	ug/kg	740	730	U	ug/kg	730
trans-1,3-Dichloropropene	28	UJ	ug/kg	28	28	UJ	ug/kg	28	740	U	ug/kg	740	730	U	ug/kg	730
Bromoform	28	UJ	ug/kg	28	28	UJ	ug/kg	28	740	U	ug/kg	740	730	U	ug/kg	730
2-Hexanone	57	UJ	ug/kg	57	57	UJ	ug/kg	57	1500	UJ	ug/kg	1500	1500	UJ	ug/kg	1500
4-Methyl-2-pentanone	57	UJ	ug/kg	57	57	R	ug/kg	57	1500	UJ	ug/kg	1500	1500	UJ	ug/kg	1500
Tetrachloroethene	28	UJ	ug/kg	28	28	UJ	ug/kg	28	740	U	ug/kg	740	730	U	ug/kg	730
1,1,2,2-Tetrachloroethane	28	UJ	ug/kg	28	28	UJ	ug/kg	28	740	UJ	ug/kg	740	730	UJ	ug/kg	730
Toluene	38	J	ug/kg	140	31	J	ug/kg	140	740	U	ug/kg	740	730	U	ug/kg	730
Chlorobenzene	28	UJ	ug/kg	28	28	UJ	ug/kg	28	740	U	ug/kg	740	730	U	ug/kg	730
Ethylbenzene	28	UJ	ug/kg	28	28	UJ	ug/kg	28	740	U	ug/kg	740	730	U	ug/kg	730
Styrene	28	UJ	ug/kg	28	28	UJ	ug/kg	28	740	U	ug/kg	740	730	U	ug/kg	730
Xylenes (total)	570	J	ug/kg	140	500	J	ug/kg	140	340	J	ug/kg	7	730	U	ug/kg	730

U= NOT DETECTED J= ESTIMATED VALUE
UJ = REPORTED QUANTITATION LIMIT IS QUALIFIED AS ESTIMATED
R = RESULT IS REJECTED AND UNUSABLE

WHITING FIELD ANALYTICAL RESULT REPORT
ORGANICS -- VOLATILES --- VALIDATED DATA

Lab Sample Number:	22514015				22516003				22516004				22514001					
Site	WHITING				WHITING				WHITING				WHITING					
Locator	17-SL-20				17-SL-21				17-SL-21A				17-SL-22					
Collect Date:	16-AUG-92				16-AUG-92				16-AUG-92				16-AUG-92					
	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL		
CLP VOLATILES 87-SOW																		
Chloromethane	60	U	ug/kg	60	1500	U	ug/kg	1500	1400	U	ug/kg	1400	11	U	ug/kg	11		
Bromomethane	60	U	ug/kg	60	1500	U	ug/kg	1500	1400	U	ug/kg	1400	11	U	ug/kg	11		
Vinyl chloride	60	U	ug/kg	60	1500	U	ug/kg	1500	1400	U	ug/kg	1400	11	U	ug/kg	11		
Chloroethane	60	U	ug/kg	60	1500	U	ug/kg	1500	1400	U	ug/kg	1400	11	U	ug/kg	11		
Methylene chloride	61	UJ	ug/kg	150	740	UJ	ug/kg	740	720	UJ	ug/kg	720	21	UJ	ug/kg	6		
Acetone	110	UJ	ug/kg	300	1500	UJ	ug/kg	1500	1400	UJ	ug/kg	1400	55	UJ	ug/kg	11		
Carbon disulfide	30	U	ug/kg	30	740	U	ug/kg	740	720	U	ug/kg	720	6	U	ug/kg	6		
1,1-Dichloroethene	30	U	ug/kg	30	740	U	ug/kg	740	720	U	ug/kg	720	6	U	ug/kg	6		
1,1-Dichloroethane	30	U	ug/kg	30	740	U	ug/kg	740	720	U	ug/kg	720	6	U	ug/kg	6		
1,2-Dichloroethene (total)	30	U	ug/kg	30	740	U	ug/kg	740	720	U	ug/kg	720	6	U	ug/kg	6		
Chloroform	30	U	ug/kg	30	740	U	ug/kg	740	720	U	ug/kg	720	6	U	ug/kg	6		
1,2-Dichloroethane	30	UJ	ug/kg	30	740	U	ug/kg	740	720	U	ug/kg	720	6	U	ug/kg	6		
2-Butanone	60	U	ug/kg	60	1500	U	ug/kg	1500	1400	U	ug/kg	1400	11	U	ug/kg	11		
1,1,1-Trichloroethane	30	U	ug/kg	30	740	U	ug/kg	740	720	U	ug/kg	720	6	U	ug/kg	6		
Carbon tetrachloride	30	U	ug/kg	30	740	U	ug/kg	740	720	U	ug/kg	720	6	U	ug/kg	6		
Vinyl acetate	60	U	ug/kg	60	1500	U	ug/kg	1500	1400	U	ug/kg	1400	11	U	ug/kg	11		
Bromodichloromethane	30	U	ug/kg	30	740	U	ug/kg	740	720	U	ug/kg	720	6	U	ug/kg	6		
1,2-Dichloropropane	30	U	ug/kg	30	740	U	ug/kg	740	720	U	ug/kg	720	6	U	ug/kg	6		
cis-1,3-Dichloropropene	30	U	ug/kg	30	740	U	ug/kg	740	720	U	ug/kg	720	6	U	ug/kg	6		
Trichloroethene	30	U	ug/kg	30	740	U	ug/kg	740	720	U	ug/kg	720	6	U	ug/kg	6		
Dibromochloromethane	30	U	ug/kg	30	740	U	ug/kg	740	720	U	ug/kg	720	6	U	ug/kg	6		
1,1,2-Trichloroethane	30	U	ug/kg	30	740	U	ug/kg	740	720	U	ug/kg	720	6	U	ug/kg	6		
Benzene	30	U	ug/kg	30	740	U	ug/kg	740	720	U	ug/kg	720	6	U	ug/kg	6		
trans-1,3-Dichloropropene	30	U	ug/kg	30	740	U	ug/kg	740	720	U	ug/kg	720	6	U	ug/kg	6		
Bromoform	30	U	ug/kg	30	740	U	ug/kg	740	720	U	ug/kg	720	6	U	ug/kg	6		
2-Hexanone	60	UJ	ug/kg	60	1500	U	ug/kg	1500	1400	U	ug/kg	1400	11	U	ug/kg	11		
4-Methyl-2-pentanone	60	R	ug/kg	60	1500	U	ug/kg	1500	1400	U	ug/kg	1400	11	U	ug/kg	11		
Tetrachloroethene	30	U	ug/kg	30	740	U	ug/kg	740	720	U	ug/kg	720	6	U	ug/kg	6		
1,1,2,2-Tetrachloroethane	30	UJ	ug/kg	30	740	UJ	ug/kg	740	720	UJ	ug/kg	720	6	U	ug/kg	6		
Toluene	30	U	ug/kg	30	740	U	ug/kg	740	720	U	ug/kg	720	6	U	ug/kg	6		
Chlorobenzene	30	U	ug/kg	30	740	U	ug/kg	740	720	U	ug/kg	720	6	U	ug/kg	6		
Ethylbenzene	6	J	ug/kg	150	1100		ug/kg	740	510	J	ug/kg	720	6	U	ug/kg	6		
Styrene	30	U	ug/kg	30	740	U	ug/kg	740	720	U	ug/kg	720	6	U	ug/kg	6		
Xylenes (total)	19	J	ug/kg	150	9600		ug/kg	740	3700		ug/kg	720	6	U	ug/kg	6		

U= NOT DETECTED J= ESTIMATED VALUE
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WHITING FIELD ANALYTICAL RESULT REPORT
ORGANICS -- VOLATILES --- VALIDATED DATA

	22514002				22514003				22514004				22514005			
Lab Sample Number:																
Site	WHITING				WHITING				WHITING				WHITING			
Locator	17-SL-23				17-SL-24				17-SL-25				17-SL-26			
Collect Date:	16-AUG-92				16-AUG-92				16-AUG-92				16-AUG-92			
	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL
CLP VOLATILES 87-SOW																
Chloromethane	11	U	ug/kg	11	11	UJ	ug/kg	11	12	UJ	ug/kg	12	11	UJ	ug/kg	11
Bromomethane	11	U	ug/kg	11	11	U	ug/kg	11	12	U	ug/kg	12	11	U	ug/kg	11
Vinyl chloride	11	U	ug/kg	11	11	U	ug/kg	11	12	U	ug/kg	12	11	U	ug/kg	11
Chloroethane	11	U	ug/kg	11	11	U	ug/kg	11	12	U	ug/kg	12	11	U	ug/kg	11
Methylene chloride	15	UJ	ug/kg	6	13	UJ	ug/kg	6	31	UJ	ug/kg	6	19	UJ	ug/kg	6
Acetone	36	UJ	ug/kg	11	17	UJ	ug/kg	11	41	UJ	ug/kg	12	20	UJ	ug/kg	11
Carbon disulfide	6	U	ug/kg	6	6	U	ug/kg	6	1	J	ug/kg	6	6	U	ug/kg	6
1,1-Dichloroethene	6	U	ug/kg	6	6	U	ug/kg	6	6	U	ug/kg	6	6	U	ug/kg	6
1,1-Dichloroethane	6	U	ug/kg	6	6	U	ug/kg	6	6	U	ug/kg	6	6	U	ug/kg	6
1,2-Dichloroethene (total)	6	U	ug/kg	6	6	U	ug/kg	6	6	U	ug/kg	6	6	U	ug/kg	6
Chloroform	6	U	ug/kg	6	6	U	ug/kg	6	6	U	ug/kg	6	6	U	ug/kg	6
1,2-Dichloroethane	6	U	ug/kg	6	6	U	ug/kg	6	6	U	ug/kg	6	6	U	ug/kg	6
2-Butanone	11	UJ	ug/kg	11	11	U	ug/kg	11	12	U	ug/kg	12	11	U	ug/kg	11
1,1,1-Trichloroethane	6	U	ug/kg	6	6	U	ug/kg	6	6	U	ug/kg	6	6	U	ug/kg	6
Carbon tetrachloride	6	U	ug/kg	6	6	U	ug/kg	6	6	U	ug/kg	6	6	U	ug/kg	6
Vinyl acetate	11	U	ug/kg	11	11	U	ug/kg	11	12	U	ug/kg	12	11	U	ug/kg	11
Bromodichloromethane	6	U	ug/kg	6	6	U	ug/kg	6	6	U	ug/kg	6	6	U	ug/kg	6
1,2-Dichloropropane	6	U	ug/kg	6	6	U	ug/kg	6	6	U	ug/kg	6	6	U	ug/kg	6
cis-1,3-Dichloropropene	6	U	ug/kg	6	6	U	ug/kg	6	6	U	ug/kg	6	6	U	ug/kg	6
Trichloroethene	6	U	ug/kg	6	6	U	ug/kg	6	6	U	ug/kg	6	6	U	ug/kg	6
Dibromochloromethane	6	U	ug/kg	6	6	U	ug/kg	6	6	U	ug/kg	6	6	U	ug/kg	6
1,1,2-Trichloroethane	6	U	ug/kg	6	6	U	ug/kg	6	6	U	ug/kg	6	6	U	ug/kg	6
Benzene	6	U	ug/kg	6	6	U	ug/kg	6	6	U	ug/kg	6	6	U	ug/kg	6
trans-1,3-Dichloropropene	6	U	ug/kg	6	6	U	ug/kg	6	6	U	ug/kg	6	6	U	ug/kg	6
Bromoform	6	U	ug/kg	6	6	UJ	ug/kg	6	6	UJ	ug/kg	6	6	UJ	ug/kg	6
2-Hexanone	11	UJ	ug/kg	11	11	U	ug/kg	11	12	U	ug/kg	12	11	U	ug/kg	11
4-Methyl-2-pentanone	11	R	ug/kg	11	11	U	ug/kg	11	12	U	ug/kg	12	11	U	ug/kg	11
Tetrachloroethene	6	U	ug/kg	6	6	U	ug/kg	6	6	U	ug/kg	6	6	U	ug/kg	6
1,1,2,2-Tetrachloroethane	6	UJ	ug/kg	6	6	U	ug/kg	6	6	U	ug/kg	6	6	U	ug/kg	6
Toluene	6	U	ug/kg	6	6	U	ug/kg	6	6	U	ug/kg	6	6	U	ug/kg	6
Chlorobenzene	6	U	ug/kg	6	6	U	ug/kg	6	6	U	ug/kg	6	6	U	ug/kg	6
Ethylbenzene	6	U	ug/kg	6	6	U	ug/kg	6	6	U	ug/kg	6	6	U	ug/kg	6
Styrene	6	U	ug/kg	6	6	U	ug/kg	6	6	U	ug/kg	6	6	U	ug/kg	6
Xylenes (total)	27		ug/kg	6	6	U	ug/kg	6	6	U	ug/kg	6	6	U	ug/kg	6

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WHITING FIELD ANALYTICAL RESULT REPORT
ORGANICS -- VOLATILES --- VALIDATED DATA

Lab Sample Number:	22514006				22514007			
Site	WHITING				WHITING			
Locator	17-SL-27				17-SL-28			
Collect Date:	16-AUG-92				16-AUG-92			
	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL
CLP VOLATILES 87-SOW								
Chloromethane	12	U	ug/kg	12	11	UJ	ug/kg	11
Bromomethane	12	U	ug/kg	12	11	U	ug/kg	11
Vinyl chloride	12	U	ug/kg	12	11	U	ug/kg	11
Chloroethane	12	U	ug/kg	12	11	U	ug/kg	11
Methylene chloride	22	UJ	ug/kg	6	26	UJ	ug/kg	6
Acetone	32	UJ	ug/kg	12	59	UJ	ug/kg	11
Carbon disulfide	6	U	ug/kg	6	6	U	ug/kg	6
1,1-Dichloroethene	6	U	ug/kg	6	6	U	ug/kg	6
1,1-Dichloroethane	6	U	ug/kg	6	6	U	ug/kg	6
1,2-Dichloroethene (total)	6	U	ug/kg	6	6	U	ug/kg	6
Chloroform	6	U	ug/kg	6	6	U	ug/kg	6
1,2-Dichloroethane	6	U	ug/kg	6	6	U	ug/kg	6
2-Butanone	6	J	ug/kg	12	11	U	ug/kg	11
1,1,1-Trichloroethane	6	U	ug/kg	6	6	U	ug/kg	6
Carbon tetrachloride	6	U	ug/kg	6	6	U	ug/kg	6
Vinyl acetate	12	U	ug/kg	12	11	U	ug/kg	11
Bromodichloromethane	6	U	ug/kg	6	6	U	ug/kg	6
1,2-Dichloropropane	6	U	ug/kg	6	6	U	ug/kg	6
cis-1,3-Dichloropropene	6	U	ug/kg	6	6	U	ug/kg	6
Trichloroethene	6	U	ug/kg	6	6	U	ug/kg	6
Dibromochloromethane	6	U	ug/kg	6	6	U	ug/kg	6
1,1,2-Trichloroethane	6	U	ug/kg	6	6	U	ug/kg	6
Benzene	6	U	ug/kg	6	6	U	ug/kg	6
trans-1,3-Dichloropropene	6	U	ug/kg	6	6	U	ug/kg	6
Bromoform	6	U	ug/kg	6	6	U	ug/kg	6
2-Hexanone	12	UJ	ug/kg	12	11	U	ug/kg	11
4-Methyl-2-pentanone	12	R	ug/kg	12	11	UJ	ug/kg	11
Tetrachloroethene	6	U	ug/kg	6	6	U	ug/kg	6
1,1,2,2-Tetrachloroethane	6	UJ	ug/kg	6	6	U	ug/kg	6
Toluene	6	U	ug/kg	6	6	U	ug/kg	6
Chlorobenzene	6	U	ug/kg	6	6	U	ug/kg	6
Ethylbenzene	6	U	ug/kg	6	6	U	ug/kg	6
Styrene	6	U	ug/kg	6	6	U	ug/kg	6
Xylenes (total)	6	U	ug/kg	6	6	U	ug/kg	6

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WHITING FIELD ANALYTICAL RESULT REPORT
SEMIVOLATILE COMPOUNDS ---- VALIDATED DATA

Lab Sample Number:	22505001				22505002				22505003				22505004			
Site	WHITING				WHITING				WHITING				WHITING			
Locator	17-SL-01				17-SL-02				17-SL-03				17-SL-04			
Collect Date:	15-AUG-92				15-AUG-92				15-AUG-92				15-AUG-92			
	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL
CLP SEMIVOLATILES 87-SOW																
Phenol	380	U	ug/kg	380	390	U	ug/kg	390	390	U	ug/kg	390	390	U	ug/kg	390
bis(2-Chloroethyl) ether	380	U	ug/kg	380	390	U	ug/kg	390	390	U	ug/kg	390	390	U	ug/kg	390
2-Chlorophenol	380	U	ug/kg	380	390	U	ug/kg	390	390	U	ug/kg	390	390	U	ug/kg	390
1,3-Dichlorobenzene	380	U	ug/kg	380	390	U	ug/kg	390	390	U	ug/kg	390	390	U	ug/kg	390
1,4-Dichlorobenzene	380	U	ug/kg	380	390	U	ug/kg	390	390	U	ug/kg	390	390	U	ug/kg	390
Benzyl alcohol	380	U	ug/kg	380	390	U	ug/kg	390	390	U	ug/kg	390	390	U	ug/kg	390
1,2-Dichlorobenzene	380	U	ug/kg	380	390	U	ug/kg	390	390	U	ug/kg	390	390	U	ug/kg	390
2-Methylphenol	380	U	ug/kg	380	390	U	ug/kg	390	390	U	ug/kg	390	390	U	ug/kg	390
Bis(2-Chloroisopropyl) ether	380	U	ug/kg	380	390	U	ug/kg	390	390	U	ug/kg	390	390	U	ug/kg	390
4-Methylphenol	380	U	ug/kg	380	390	U	ug/kg	390	390	U	ug/kg	390	390	U	ug/kg	390
N-Nitroso-di-n-propylamine	380	U	ug/kg	380	390	U	ug/kg	390	390	U	ug/kg	390	390	U	ug/kg	390
Hexachloroethane	380	U	ug/kg	380	390	U	ug/kg	390	390	U	ug/kg	390	390	U	ug/kg	390
Nitrobenzene	380	U	ug/kg	380	390	U	ug/kg	390	390	U	ug/kg	390	390	U	ug/kg	390
Isophorone	380	U	ug/kg	380	390	U	ug/kg	390	390	U	ug/kg	390	390	U	ug/kg	390
2-Nitrophenol	380	U	ug/kg	380	390	U	ug/kg	390	390	U	ug/kg	390	390	U	ug/kg	390
2,4-Dimethylphenol	380	U	ug/kg	380	390	U	ug/kg	390	390	U	ug/kg	390	390	U	ug/kg	390
Benzoic acid	1900	U	ug/kg	1900	1900	U	ug/kg	1900	1900	U	ug/kg	1900	1900	U	ug/kg	1900
bis(2-Chloroethoxy) methane	380	U	ug/kg	380	390	U	ug/kg	390	390	U	ug/kg	390	390	U	ug/kg	390
2,4-Dichlorophenol	380	U	ug/kg	380	390	U	ug/kg	390	390	U	ug/kg	390	390	U	ug/kg	390
1,2,4-Trichlorobenzene	380	U	ug/kg	380	390	U	ug/kg	390	390	U	ug/kg	390	390	U	ug/kg	390
Naphthalene	380	U	ug/kg	380	390	U	ug/kg	390	390	U	ug/kg	390	390	U	ug/kg	390
4-Chloroaniline	380	U	ug/kg	380	390	U	ug/kg	390	390	U	ug/kg	390	390	U	ug/kg	390
Hexachlorobutadiene	380	U	ug/kg	380	390	U	ug/kg	390	390	U	ug/kg	390	390	U	ug/kg	390
4-Chloro-3-methylphenol	380	U	ug/kg	380	390	U	ug/kg	390	390	U	ug/kg	390	390	U	ug/kg	390
2-Methylnaphthalene	380	U	ug/kg	380	390	U	ug/kg	390	390	U	ug/kg	390	390	U	ug/kg	390
Hexachlorocyclopentadiene	380	U	ug/kg	380	390	U	ug/kg	390	390	U	ug/kg	390	390	U	ug/kg	390
2,4,6-Trichlorophenol	380	U	ug/kg	380	390	U	ug/kg	390	390	U	ug/kg	390	390	U	ug/kg	390
2,4,5-Trichlorophenol	1900	U	ug/kg	1900	1900	U	ug/kg	1900	1900	U	ug/kg	1900	1900	U	ug/kg	1900
2-Chloronaphthalene	380	U	ug/kg	380	390	U	ug/kg	390	390	U	ug/kg	390	390	U	ug/kg	390
2-Nitroaniline	1900	U	ug/kg	1900	1900	U	ug/kg	1900	1900	U	ug/kg	1900	1900	U	ug/kg	1900
Dimethylphthalate	380	U	ug/kg	380	390	U	ug/kg	390	390	U	ug/kg	390	390	U	ug/kg	390
Acenaphthylene	380	U	ug/kg	380	390	U	ug/kg	390	390	U	ug/kg	390	390	U	ug/kg	390
2,6-Dinitrotoluene	380	U	ug/kg	380	390	U	ug/kg	390	390	U	ug/kg	390	390	U	ug/kg	390
3-Nitroaniline	1900	U	ug/kg	1900	1900	U	ug/kg	1900	1900	U	ug/kg	1900	1900	UJ	ug/kg	1900
Acenaphthene	380	U	ug/kg	380	390	U	ug/kg	390	390	U	ug/kg	390	390	U	ug/kg	390
2,4-Dinitrophenol	1900	U	ug/kg	1900	1900	U	ug/kg	1900	1900	U	ug/kg	1900	1900	UJ	ug/kg	1900
4-Nitrophenol	1900	U	ug/kg	1900	1900	U	ug/kg	1900	1900	U	ug/kg	1900	1900	U	ug/kg	1900
Dibenzofuran	380	U	ug/kg	380	390	U	ug/kg	390	390	U	ug/kg	390	390	U	ug/kg	390
2,4-Dinitrotoluene	380	U	ug/kg	380	390	U	ug/kg	390	390	U	ug/kg	390	390	U	ug/kg	390
Diethylphthalate	380	U	ug/kg	380	390	U	ug/kg	390	390	U	ug/kg	390	390	U	ug/kg	390
4-Chlorophenyl-phenylether	380	U	ug/kg	380	390	U	ug/kg	390	390	U	ug/kg	390	390	U	ug/kg	390
Fluorene	380	UJ	ug/kg	380	390	UJ	ug/kg	390	390	UJ	ug/kg	390	390	U	ug/kg	390
4-Nitroaniline	1900	U	ug/kg	1900	1900	U	ug/kg	1900	1900	U	ug/kg	1900	1900	UJ	ug/kg	1900
4,6-Dinitro-2-methylphenol	1900	U	ug/kg	1900	1900	U	ug/kg	1900	1900	U	ug/kg	1900	1900	UJ	ug/kg	1900
N-Nitrosodiphenylamine (1)	380	U	ug/kg	380	390	U	ug/kg	390	390	U	ug/kg	390	390	U	ug/kg	390
4-Bromophenyl-phenylether	380	U	ug/kg	380	390	U	ug/kg	390	390	U	ug/kg	390	390	U	ug/kg	390
Hexachlorobenzene	380	U	ug/kg	380	390	U	ug/kg	390	390	U	ug/kg	390	390	U	ug/kg	390
Pentachlorophenol	1900	U	ug/kg	1900	1900	U	ug/kg	1900	1900	U	ug/kg	1900	1900	U	ug/kg	1900
Phenanthrene	380	U	ug/kg	380	390	U	ug/kg	390	390	U	ug/kg	390	390	U	ug/kg	390
Anthracene	380	U	ug/kg	380	390	U	ug/kg	390	390	U	ug/kg	390	390	U	ug/kg	390
Di-n-butylphthalate	380	UJ	ug/kg	380	390	UJ	ug/kg	390	390	UJ	ug/kg	390	390	UJ	ug/kg	390
Fluoranthene	380	U	ug/kg	380	390	U	ug/kg	390	390	U	ug/kg	390	390	U	ug/kg	390
Pyrene	380	U	ug/kg	380	390	U	ug/kg	390	390	U	ug/kg	390	390	U	ug/kg	390

WHITING FIELD ANALYTICAL RESULT REPORT
SEMIVOLATILE COMPOUNDS ---- VALIDATED DATA

	22505001				22505002				22505003				22505004			
Lab Sample Number:																
Site	WHITING				WHITING				WHITING				WHITING			
Locator	17-SL-01				17-SL-02				17-SL-03				17-SL-04			
Collect Date:	15-AUG-92				15-AUG-92				15-AUG-92				15-AUG-92			
	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL
Butylbenzylphthalate	360	J	ug/kg	380	390	U	ug/kg	390	490		ug/kg	390	390	U	ug/kg	390
3,3-Dichlorobenzidine	770	U	ug/kg	770	780	U	ug/kg	780	790	U	ug/kg	790	790	UJ	ug/kg	790
Benzo (a) anthracene	380	U	ug/kg	380	390	U	ug/kg	390	390	U	ug/kg	390	390	U	ug/kg	390
Chrysene	380	U	ug/kg	380	390	U	ug/kg	390	390	U	ug/kg	390	390	U	ug/kg	390
bis(2-Ethylhexyl) phthalate	49	J	ug/kg	380	390	U	ug/kg	390	390	U	ug/kg	390	390	U	ug/kg	390
Di-n-octylphthalate	380	U	ug/kg	380	390	U	ug/kg	390	390	U	ug/kg	390	390	U	ug/kg	390
Benzo (b) fluoranthene	380	U	ug/kg	380	390	U	ug/kg	390	390	U	ug/kg	390	390	U	ug/kg	390
Benzo (k) fluoranthene	380	U	ug/kg	380	390	U	ug/kg	390	390	U	ug/kg	390	390	U	ug/kg	390
Benzo (a) pyrene	380	U	ug/kg	380	390	U	ug/kg	390	390	U	ug/kg	390	390	U	ug/kg	390
Indeno (1,2,3-cd) pyrene	380	UJ	ug/kg	380	390	UJ	ug/kg	390	390	UJ	ug/kg	390	390	U	ug/kg	390
Dibenz (a,h) anthracene	380	UJ	ug/kg	380	390	UJ	ug/kg	390	390	UJ	ug/kg	390	390	U	ug/kg	390
Benzo (g,h,i) perylene	380	UJ	ug/kg	380	390	UJ	ug/kg	390	390	UJ	ug/kg	390	390	U	ug/kg	390

U= NOT DETECTED J= ESTIMATED VALUE
UJ = REPORTED QUANTITATION LIMIT IS QUALIFIED AS ESTIMATED
R = RESULT IS REJECTED AND UNUSABLE

WHITING FIELD ANALYTICAL RESULT REPORT
SEMIVOLATILE COMPOUNDS ---- VALIDATED DATA

Lab Sample Number:	22505005			22505006			22505007			22505008		
Site	WHITING			WHITING			WHITING			WHITING		
Locator	17-SL-05			17-SL-06			17-SL-07			17-SL-08		
Collect Date:	15-AUG-92			15-AUG-92			15-AUG-92			15-AUG-92		
	VALUE QUAL	UNITS	DL	VALUE QUAL	UNITS	DL	VALUE QUAL	UNITS	DL	VALUE QUAL	UNITS	DL
CLP SEMIVOLATILES 87-SOW												
Phenol	400 U	ug/kg	400	730 U	ug/kg	730	400 U	ug/kg	400	410 U	ug/kg	410
bis(2-Chloroethyl) ether	400 U	ug/kg	400	730 U	ug/kg	730	400 U	ug/kg	400	410 U	ug/kg	410
2-Chlorophenol	400 U	ug/kg	400	730 U	ug/kg	730	400 U	ug/kg	400	410 U	ug/kg	410
1,3-Dichlorobenzene	400 U	ug/kg	400	730 U	ug/kg	730	400 U	ug/kg	400	410 U	ug/kg	410
1,4-Dichlorobenzene	400 U	ug/kg	400	730 U	ug/kg	730	400 U	ug/kg	400	410 U	ug/kg	410
Benzyl alcohol	400 U	ug/kg	400	730 U	ug/kg	730	400 U	ug/kg	400	410 U	ug/kg	410
1,2-Dichlorobenzene	400 U	ug/kg	400	730 U	ug/kg	730	400 U	ug/kg	400	410 U	ug/kg	410
2-Methylphenol	400 U	ug/kg	400	730 U	ug/kg	730	400 U	ug/kg	400	410 U	ug/kg	410
Bis(2-Chloroisopropyl) ether	400 U	ug/kg	400	730 U	ug/kg	730	400 U	ug/kg	400	410 U	ug/kg	410
4-Methylphenol	400 U	ug/kg	400	730 U	ug/kg	730	400 U	ug/kg	400	410 U	ug/kg	410
N-Nitroso-di-n-propylamine	400 U	ug/kg	400	730 U	ug/kg	730	400 U	ug/kg	400	410 U	ug/kg	410
Hexachloroethane	400 U	ug/kg	400	730 U	ug/kg	730	400 U	ug/kg	400	410 U	ug/kg	410
Nitrobenzene	400 U	ug/kg	400	730 U	ug/kg	730	400 U	ug/kg	400	410 U	ug/kg	410
Isophorone	400 U	ug/kg	400	730 U	ug/kg	730	400 U	ug/kg	400	410 U	ug/kg	410
2-Nitrophenol	400 U	ug/kg	400	730 U	ug/kg	730	400 U	ug/kg	400	410 U	ug/kg	410
2,4-Dimethylphenol	400 U	ug/kg	400	730 U	ug/kg	730	400 U	ug/kg	400	410 U	ug/kg	410
Benzoic acid	2000 U	ug/kg	2000	3500 U	ug/kg	3500	1900 U	ug/kg	1900	2000 U	ug/kg	2000
bis(2-Chloroethoxy) methane	400 U	ug/kg	400	730 U	ug/kg	730	400 U	ug/kg	400	410 U	ug/kg	410
2,4-Dichlorophenol	400 U	ug/kg	400	730 U	ug/kg	730	400 U	ug/kg	400	410 U	ug/kg	410
1,2,4-Trichlorobenzene	400 U	ug/kg	400	730 U	ug/kg	730	400 U	ug/kg	400	410 U	ug/kg	410
Naphthalene	400 U	ug/kg	400	730 U	ug/kg	730	400 U	ug/kg	400	410 U	ug/kg	410
4-Chloroaniline	400 U	ug/kg	400	730 U	ug/kg	730	400 U	ug/kg	400	410 U	ug/kg	410
Hexachlorobutadiene	400 U	ug/kg	400	730 U	ug/kg	730	400 U	ug/kg	400	410 U	ug/kg	410
4-Chloro-3-methylphenol	400 U	ug/kg	400	730 U	ug/kg	730	400 U	ug/kg	400	410 U	ug/kg	410
2-Methylnaphthalene	400 U	ug/kg	400	190 J	ug/kg	720	400 U	ug/kg	400	410 U	ug/kg	410
Hexachlorocyclopentadiene	400 U	ug/kg	400	730 U	ug/kg	730	400 U	ug/kg	400	410 U	ug/kg	410
2,4,6-Trichlorophenol	400 U	ug/kg	400	730 U	ug/kg	730	400 U	ug/kg	400	410 U	ug/kg	410
2,4,5-Trichlorophenol	2000 U	ug/kg	2000	3500 U	ug/kg	3500	1900 U	ug/kg	1900	2000 U	ug/kg	2000
2-Chloronaphthalene	400 U	ug/kg	400	730 U	ug/kg	730	400 U	ug/kg	400	410 U	ug/kg	410
2-Nitroaniline	2000 U	ug/kg	2000	3500 U	ug/kg	3500	1900 U	ug/kg	1900	2000 U	ug/kg	2000
Dimethylphthalate	400 U	ug/kg	400	730 U	ug/kg	730	400 U	ug/kg	400	410 U	ug/kg	410
Acenaphthylene	400 U	ug/kg	400	730 U	ug/kg	730	400 U	ug/kg	400	410 U	ug/kg	410
2,6-Dinitrotoluene	400 U	ug/kg	400	730 U	ug/kg	730	400 U	ug/kg	400	410 U	ug/kg	410
3-Nitroaniline	2000 UJ	ug/kg	2000	3500 UJ	ug/kg	3500	1900 UJ	ug/kg	1900	2000 UJ	ug/kg	2000
Acenaphthene	400 U	ug/kg	400	730 U	ug/kg	730	400 U	ug/kg	400	410 U	ug/kg	410
2,4-Dinitrophenol	2000 UJ	ug/kg	2000	3500 UJ	ug/kg	3500	1900 UJ	ug/kg	1900	2000 UJ	ug/kg	2000
4-Nitrophenol	2000 U	ug/kg	2000	3500 U	ug/kg	3500	1900 U	ug/kg	1900	2000 U	ug/kg	2000
Dibenzofuran	400 U	ug/kg	400	730 U	ug/kg	730	400 U	ug/kg	400	410 U	ug/kg	410
2,4-Dinitrotoluene	400 U	ug/kg	400	730 U	ug/kg	730	400 U	ug/kg	400	410 U	ug/kg	410
Diethylphthalate	400 U	ug/kg	400	730 U	ug/kg	730	400 U	ug/kg	400	410 U	ug/kg	410
4-Chlorophenyl-phenylether	400 U	ug/kg	400	730 U	ug/kg	730	400 U	ug/kg	400	410 U	ug/kg	410
Fluorene	400 U	ug/kg	400	730 U	ug/kg	730	400 U	ug/kg	400	410 U	ug/kg	410
4-Nitroaniline	2000 UJ	ug/kg	2000	3500 UJ	ug/kg	3500	1900 UJ	ug/kg	1900	2000 UJ	ug/kg	2000
4,6-Dinitro-2-methylphenol	2000 UJ	ug/kg	2000	3500 UJ	ug/kg	3500	1900 UJ	ug/kg	1900	2000 UJ	ug/kg	2000
N-Nitrosodiphenylamine (1)	400 U	ug/kg	400	730 U	ug/kg	730	400 U	ug/kg	400	410 U	ug/kg	410
4-Bromophenyl-phenylether	400 U	ug/kg	400	730 U	ug/kg	730	400 U	ug/kg	400	410 U	ug/kg	410
Hexachlorobenzene	400 U	ug/kg	400	730 U	ug/kg	730	400 U	ug/kg	400	410 U	ug/kg	410
Pentachlorophenol	2000 U	ug/kg	2000	3500 U	ug/kg	3500	1900 U	ug/kg	1900	2000 U	ug/kg	2000
Phenanthrene	400 U	ug/kg	400	730 U	ug/kg	730	400 U	ug/kg	400	410 U	ug/kg	410
Anthracene	400 U	ug/kg	400	730 U	ug/kg	730	400 U	ug/kg	400	410 U	ug/kg	410
Di-n-butylphthalate	400 UJ	ug/kg	400	730 U	ug/kg	730	400 UJ	ug/kg	400	410 UJ	ug/kg	410
Fluoranthene	400 U	ug/kg	400	730 U	ug/kg	730	400 U	ug/kg	400	410 U	ug/kg	410

WHITING FIELD ANALYTICAL RESULT REPORT
SEMIVOLATILE COMPOUNDS ---- VALIDATED DATA

	22505005				22505006				22505007				22505008			
Lab Sample Number:																
Site	WHITING				WHITING				WHITING				WHITING			
Locator	17-SL-05				17-SL-06				17-SL-07				17-SL-08			
Collect Date:	15-AUG-92				15-AUG-92				15-AUG-92				15-AUG-92			
	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL
Pyrene	400	U	ug/kg	400	730	U	ug/kg	730	400	U	ug/kg	400	410	U	ug/kg	410
Butylbenzylphthalate	400	U	ug/kg	400	730	U	ug/kg	730	400	U	ug/kg	400	410	U	ug/kg	410
3,3-Dichlorobenzidine	810	UJ	ug/kg	810	1500	UJ	ug/kg	1500	800	UJ	ug/kg	800	820	UJ	ug/kg	820
Benzo (a) anthracene	400	U	ug/kg	400	730	U	ug/kg	730	400	U	ug/kg	400	410	U	ug/kg	410
Chrysene	400	U	ug/kg	400	730	U	ug/kg	730	400	U	ug/kg	400	410	U	ug/kg	410
bis(2-Ethylhexyl) phthalate	400	U	ug/kg	400	730	U	ug/kg	730	400	U	ug/kg	400	410	U	ug/kg	410
Di-n-octylphthalate	400	U	ug/kg	400	730	U	ug/kg	730	400	U	ug/kg	400	410	U	ug/kg	410
Benzo (b) fluoranthene	400	U	ug/kg	400	730	U	ug/kg	730	400	U	ug/kg	400	410	U	ug/kg	410
Benzo (k) fluoranthene	400	U	ug/kg	400	730	U	ug/kg	730	400	U	ug/kg	400	410	U	ug/kg	410
Benzo (a) pyrene	400	U	ug/kg	400	730	U	ug/kg	730	400	U	ug/kg	400	410	U	ug/kg	410
Indeno (1,2,3-cd) pyrene	400	U	ug/kg	400	730	U	ug/kg	730	400	U	ug/kg	400	410	U	ug/kg	410
Dibenz (a,h) anthracene	400	U	ug/kg	400	730	U	ug/kg	730	400	U	ug/kg	400	410	U	ug/kg	410
Benzo (g,h,i) perylene	400	U	ug/kg	400	730	U	ug/kg	730	400	U	ug/kg	400	410	U	ug/kg	410

U= NOT DETECTED J= ESTIMATED VALUE
UJ = REPORTED QUANTITATION LIMIT IS QUALIFIED AS ESTIMATED
R = RESULT IS REJECTED AND UNUSABLE

WHITING FIELD ANALYTICAL RESULT REPORT
SEMIVOLATILE COMPOUNDS ---- VALIDATED DATA

Lab Sample Number:	22505009				22505010				22520001				22520002			
Site	WHITING				WHITING				WHITING				WHITING			
Locator	17-SL-09				17-SL-10				17-SL-15				17-SL-16			
Collect Date:	15-AUG-92				15-AUG-92				15-AUG-92				15-AUG-92			
	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL
CLP SEMIVOLATILES 87-SOW																
Phenol	390	U	ug/kg	390	380	U	ug/kg	380	370	U	ug/kg	370	400	U	ug/kg	400
bis(2-Chloroethyl) ether	390	U	ug/kg	390	380	U	ug/kg	380	370	U	ug/kg	370	400	U	ug/kg	400
2-Chlorophenol	390	U	ug/kg	390	380	U	ug/kg	380	370	U	ug/kg	370	400	U	ug/kg	400
1,3-Dichlorobenzene	390	U	ug/kg	390	380	U	ug/kg	380	370	U	ug/kg	370	400	U	ug/kg	400
1,4-Dichlorobenzene	390	U	ug/kg	390	380	U	ug/kg	380	370	U	ug/kg	370	400	U	ug/kg	400
Benzyl alcohol	390	U	ug/kg	390	380	U	ug/kg	380	370	U	ug/kg	370	400	U	ug/kg	400
1,2-Dichlorobenzene	390	U	ug/kg	390	380	U	ug/kg	380	370	U	ug/kg	370	400	U	ug/kg	400
2-Methylphenol	390	U	ug/kg	390	380	U	ug/kg	380	370	U	ug/kg	370	400	U	ug/kg	400
Bis(2-Chloroisopropyl) ether	390	U	ug/kg	390	380	U	ug/kg	380	370	U	ug/kg	370	400	U	ug/kg	400
4-Methylphenol	390	U	ug/kg	390	380	U	ug/kg	380	370	U	ug/kg	370	400	U	ug/kg	400
N-Nitroso-di-n-propylamine	390	U	ug/kg	390	380	U	ug/kg	380	370	U	ug/kg	370	400	U	ug/kg	400
Hexachloroethane	390	U	ug/kg	390	380	U	ug/kg	380	370	U	ug/kg	370	400	U	ug/kg	400
Nitrobenzene	390	U	ug/kg	390	380	U	ug/kg	380	370	U	ug/kg	370	400	U	ug/kg	400
Isophorone	390	U	ug/kg	390	380	U	ug/kg	380	370	U	ug/kg	370	400	U	ug/kg	400
2-Nitrophenol	390	U	ug/kg	390	380	U	ug/kg	380	370	U	ug/kg	370	400	U	ug/kg	400
2,4-Dimethylphenol	390	U	ug/kg	390	380	U	ug/kg	380	370	U	ug/kg	370	400	U	ug/kg	400
Benzoic acid	1900	U	ug/kg	1900	1900	U	ug/kg	1900	1800	U	ug/kg	1800	2000	UJ	ug/kg	2000
bis(2-Chloroethoxy) methane	390	U	ug/kg	390	380	U	ug/kg	380	370	U	ug/kg	370	400	U	ug/kg	400
2,4-Dichlorophenol	390	U	ug/kg	390	380	U	ug/kg	380	370	U	ug/kg	370	400	U	ug/kg	400
1,2,4-Trichlorobenzene	390	U	ug/kg	390	380	U	ug/kg	380	370	U	ug/kg	370	400	U	ug/kg	400
Naphthalene	390	U	ug/kg	390	380	U	ug/kg	380	370	U	ug/kg	370	400	U	ug/kg	400
4-Chloroaniline	390	U	ug/kg	390	380	U	ug/kg	380	370	U	ug/kg	370	400	U	ug/kg	400
Hexachlorobutadiene	390	U	ug/kg	390	380	U	ug/kg	380	370	U	ug/kg	370	400	U	ug/kg	400
4-Chloro-3-methylphenol	390	U	ug/kg	390	380	U	ug/kg	380	370	U	ug/kg	370	400	U	ug/kg	400
2-Methylnaphthalene	390	U	ug/kg	390	380	U	ug/kg	380	370	U	ug/kg	370	400	U	ug/kg	400
Hexachlorocyclopentadiene	390	U	ug/kg	390	380	U	ug/kg	380	370	U	ug/kg	370	400	U	ug/kg	400
2,4,6-Trichlorophenol	390	U	ug/kg	390	380	U	ug/kg	380	370	U	ug/kg	370	400	U	ug/kg	400
2,4,5-Trichlorophenol	1900	U	ug/kg	1900	1900	U	ug/kg	1900	1800	U	ug/kg	1800	2000	U	ug/kg	2000
2-Chloronaphthalene	390	U	ug/kg	390	380	U	ug/kg	380	370	U	ug/kg	370	400	U	ug/kg	400
2-Nitroaniline	1900	U	ug/kg	1900	1900	U	ug/kg	1900	1800	U	ug/kg	1800	2000	U	ug/kg	2000
Dimethylphthalate	390	U	ug/kg	390	380	U	ug/kg	380	370	U	ug/kg	370	400	U	ug/kg	400
Acenaphthylene	390	U	ug/kg	390	380	U	ug/kg	380	370	U	ug/kg	370	400	U	ug/kg	400
2,6-Dinitrotoluene	390	U	ug/kg	390	380	U	ug/kg	380	370	U	ug/kg	370	400	U	ug/kg	400
3-Nitroaniline	1900	UJ	ug/kg	1900	1900	UJ	ug/kg	1900	1800	U	ug/kg	1800	2000	U	ug/kg	2000
Acenaphthene	390	U	ug/kg	390	380	U	ug/kg	380	370	U	ug/kg	370	400	U	ug/kg	400
2,4-Dinitrophenol	1900	UJ	ug/kg	1900	1900	U	ug/kg	1900	1800	U	ug/kg	1800	2000	U	ug/kg	2000
4-Nitrophenol	1900	U	ug/kg	1900	1900	U	ug/kg	1900	1800	U	ug/kg	1800	2000	U	ug/kg	2000
Dibenzofuran	390	U	ug/kg	390	380	U	ug/kg	380	370	U	ug/kg	370	400	U	ug/kg	400
2,4-Dinitrotoluene	390	U	ug/kg	390	380	U	ug/kg	380	370	U	ug/kg	370	400	U	ug/kg	400
Diethylphthalate	390	U	ug/kg	390	380	U	ug/kg	380	370	U	ug/kg	370	400	U	ug/kg	400
4-Chlorophenyl-phenylether	390	U	ug/kg	390	380	U	ug/kg	380	370	U	ug/kg	370	400	U	ug/kg	400
Fluorene	390	U	ug/kg	390	380	U	ug/kg	380	370	UJ	ug/kg	370	400	UJ	ug/kg	400
4-Nitroaniline	1900	UJ	ug/kg	1900	1900	UJ	ug/kg	1900	1800	U	ug/kg	1800	2000	U	ug/kg	2000
4,6-Dinitro-2-methylphenol	1900	UJ	ug/kg	1900	1900	U	ug/kg	1900	1800	U	ug/kg	1800	2000	U	ug/kg	2000
N-Nitrosodiphenylamine (1)	390	U	ug/kg	390	380	U	ug/kg	380	370	U	ug/kg	370	400	U	ug/kg	400
4-Bromophenyl-phenylether	390	U	ug/kg	390	380	U	ug/kg	380	370	U	ug/kg	370	400	U	ug/kg	400
Hexachlorobenzene	390	U	ug/kg	390	380	U	ug/kg	380	370	U	ug/kg	370	400	U	ug/kg	400
Pentachlorophenol	1900	U	ug/kg	1900	1900	U	ug/kg	1900	1800	U	ug/kg	1800	2000	U	ug/kg	2000
Phenanthrene	390	U	ug/kg	390	380	U	ug/kg	380	370	U	ug/kg	370	400	U	ug/kg	400
Anthracene	390	U	ug/kg	390	380	U	ug/kg	380	370	U	ug/kg	370	400	U	ug/kg	400
Di-n-butylphthalate	390	U	ug/kg	390	380	UJ	ug/kg	380	370	UJ	ug/kg	380	400	UJ	ug/kg	400
Fluoranthene	390	U	ug/kg	390	380	U	ug/kg	380	370	U	ug/kg	370	400	U	ug/kg	400

WHITING FIELD ANALYTICAL RESULT REPORT
SEMIVOLATILE COMPOUNDS ---- VALIDATED DATA

	22505009				22505010				22520001				22520002			
Lab Sample Number:																
Site	WHITING				WHITING				WHITING				WHITING			
Locator	17-SL-09				17-SL-10				17-SL-15				17-SL-16			
Collect Date:	15-AUG-92				15-AUG-92				15-AUG-92				15-AUG-92			
	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL
Pyrene	390	U	ug/kg	390	380	U	ug/kg	380	370	U	ug/kg	370	400	U	ug/kg	400
Butylbenzylphthalate	390	U	ug/kg	390	380	U	ug/kg	380	370	U	ug/kg	370	400	U	ug/kg	400
3,3-Dichlorobenzidine	780	UJ	ug/kg	780	770	UJ	ug/kg	770	750	U	ug/kg	750	810	U	ug/kg	810
Benzo (a) anthracene	390	U	ug/kg	390	380	U	ug/kg	380	370	U	ug/kg	370	400	U	ug/kg	400
Chrysene	390	U	ug/kg	390	380	U	ug/kg	380	370	U	ug/kg	370	400	U	ug/kg	400
bis(2-Ethylhexyl) phthalate	390	U	ug/kg	390	380	U	ug/kg	380	370	U	ug/kg	370	400	U	ug/kg	400
Di-n-octylphthalate	390	U	ug/kg	390	380	U	ug/kg	380	370	U	ug/kg	370	400	U	ug/kg	400
Benzo (b) fluoranthene	390	U	ug/kg	390	380	U	ug/kg	380	370	U	ug/kg	370	400	U	ug/kg	400
Benzo (k) fluoranthene	390	U	ug/kg	390	380	U	ug/kg	380	370	U	ug/kg	370	400	U	ug/kg	400
Benzo (a) pyrene	390	U	ug/kg	390	380	U	ug/kg	380	370	U	ug/kg	370	400	U	ug/kg	400
Indeno (1,2,3-cd) pyrene	390	U	ug/kg	390	380	U	ug/kg	380	370	UJ	ug/kg	370	400	UJ	ug/kg	400
Dibenz (a,h) anthracene	390	U	ug/kg	390	380	U	ug/kg	380	370	UJ	ug/kg	370	400	UJ	ug/kg	400
Benzo (g,h,i) perylene	390	U	ug/kg	390	380	U	ug/kg	380	370	UJ	ug/kg	370	400	UJ	ug/kg	400

U= NOT DETECTED J= ESTIMATED VALUE
UJ = REPORTED QUANTITATION LIMIT IS QUALIFIED AS ESTIMATED
R = RESULT IS REJECTED AND UNUSABLE

WHITING FIELD ANALYTICAL RESULT REPORT
SEMIVOLATILE COMPOUNDS ---- VALIDATED DATA

Lab Sample Number:	22520004				22520003				22520005				22520006			
Site	WHITING				WHITING				WHITING				WHITING			
Locator	17-SL-18				17-SL-19				17-SL-29				17-SL-30			
Collect Date:	15-AUG-92				15-AUG-92				15-AUG-92				15-AUG-92			
	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL
CLP SEMIVOLATILES 87-SOW																
Phenol	390	U	ug/kg	390	2000	U	ug/kg	2000	390	U	ug/kg	390	360	U	ug/kg	360
bis(2-Chloroethyl) ether	390	U	ug/kg	390	2000	U	ug/kg	2000	390	U	ug/kg	390	360	U	ug/kg	360
2-Chlorophenol	390	U	ug/kg	390	2000	U	ug/kg	2000	390	U	ug/kg	390	360	U	ug/kg	360
1,3-Dichlorobenzene	390	U	ug/kg	390	2000	U	ug/kg	2000	390	U	ug/kg	390	360	U	ug/kg	360
1,4-Dichlorobenzene	390	U	ug/kg	390	2000	U	ug/kg	2000	390	U	ug/kg	390	360	U	ug/kg	360
Benzyl alcohol	390	U	ug/kg	390	2000	U	ug/kg	2000	390	U	ug/kg	390	360	U	ug/kg	360
1,2-Dichlorobenzene	390	U	ug/kg	390	2000	U	ug/kg	2000	390	U	ug/kg	390	360	U	ug/kg	360
2-Methylphenol	390	U	ug/kg	390	2000	U	ug/kg	2000	390	U	ug/kg	390	360	U	ug/kg	360
Bis(2-Chloroisopropyl) ether	390	U	ug/kg	390	2000	U	ug/kg	2000	390	U	ug/kg	390	360	U	ug/kg	360
4-Methylphenol	390	U	ug/kg	390	2000	U	ug/kg	2000	390	U	ug/kg	390	360	U	ug/kg	360
N-Nitroso-di-n-propylamine	390	U	ug/kg	390	2000	U	ug/kg	2000	390	U	ug/kg	390	360	U	ug/kg	360
Hexachloroethane	390	U	ug/kg	390	2000	U	ug/kg	2000	390	U	ug/kg	390	360	U	ug/kg	360
Nitrobenzene	390	U	ug/kg	390	2000	U	ug/kg	2000	390	U	ug/kg	390	360	U	ug/kg	360
Isophorone	390	U	ug/kg	390	2000	U	ug/kg	2000	390	U	ug/kg	390	360	U	ug/kg	360
2-Nitrophenol	390	U	ug/kg	390	2000	U	ug/kg	2000	390	U	ug/kg	390	360	U	ug/kg	360
2,4-Dimethylphenol	390	U	ug/kg	390	2000	U	ug/kg	2000	390	U	ug/kg	390	360	U	ug/kg	360
Benzoic acid	1900	UJ	ug/kg	1900	9600	UJ	ug/kg	9600	1900	UJ	ug/kg	1900	1700	UJ	ug/kg	1700
bis(2-Chloroethoxy) methane	390	U	ug/kg	390	2000	U	ug/kg	2000	390	U	ug/kg	390	360	U	ug/kg	360
2,4-Dichlorophenol	390	U	ug/kg	390	2000	U	ug/kg	2000	390	U	ug/kg	390	360	U	ug/kg	360
1,2,4-Trichlorobenzene	390	U	ug/kg	390	2000	U	ug/kg	2000	390	U	ug/kg	390	360	U	ug/kg	360
Naphthalene	390	U	ug/kg	390	1500	J	ug/kg	2000	390	U	ug/kg	390	360	U	ug/kg	360
4-Chloroaniline	390	U	ug/kg	390	2000	U	ug/kg	2000	390	U	ug/kg	390	360	U	ug/kg	360
Hexachlorobutadiene	390	U	ug/kg	390	2000	U	ug/kg	2000	390	U	ug/kg	390	360	U	ug/kg	360
4-Chloro-3-methylphenol	390	U	ug/kg	390	2000	U	ug/kg	2000	390	U	ug/kg	390	360	U	ug/kg	360
2-Methylnaphthalene	390	U	ug/kg	390	4100		ug/kg	2000	390	U	ug/kg	390	360	U	ug/kg	360
Hexachlorocyclopentadiene	390	U	ug/kg	390	2000	U	ug/kg	2000	390	U	ug/kg	390	360	U	ug/kg	360
2,4,6-Trichlorophenol	390	U	ug/kg	390	2000	U	ug/kg	2000	390	U	ug/kg	390	360	U	ug/kg	360
2,4,5-Trichlorophenol	1900	U	ug/kg	1900	9600	U	ug/kg	9600	1900	U	ug/kg	1900	1700	U	ug/kg	1700
2-Chloronaphthalene	390	U	ug/kg	390	2000	U	ug/kg	2000	390	U	ug/kg	390	360	U	ug/kg	360
2-Nitroaniline	1900	U	ug/kg	1900	9600	U	ug/kg	9600	1900	U	ug/kg	1900	1700	U	ug/kg	1700
Dimethylphthalate	390	U	ug/kg	390	2000	U	ug/kg	2000	390	U	ug/kg	390	360	U	ug/kg	360
Acenaphthylene	390	U	ug/kg	390	2000	U	ug/kg	2000	390	U	ug/kg	390	360	U	ug/kg	360
2,6-Dinitrotoluene	390	U	ug/kg	390	2000	U	ug/kg	2000	390	U	ug/kg	390	360	U	ug/kg	360
3-Nitroaniline	1900	UJ	ug/kg	1900	9600	UJ	ug/kg	9600	1900	U	ug/kg	1900	1700	UJ	ug/kg	1700
Acenaphthene	390	U	ug/kg	390	2000	U	ug/kg	2000	390	U	ug/kg	390	360	U	ug/kg	360
2,4-Dinitrophenol	1900	UJ	ug/kg	1900	9600	UJ	ug/kg	9600	1900	U	ug/kg	1900	1700	UJ	ug/kg	1700
4-Nitrophenol	1900	U	ug/kg	1900	9600	UJ	ug/kg	9600	1900	U	ug/kg	1900	1700	U	ug/kg	1700
Dibenzofuran	390	U	ug/kg	390	2000	U	ug/kg	2000	390	U	ug/kg	390	360	U	ug/kg	360
2,4-Dinitrotoluene	390	U	ug/kg	390	2000	U	ug/kg	2000	390	U	ug/kg	390	360	U	ug/kg	360
Diethylphthalate	390	U	ug/kg	390	2000	U	ug/kg	2000	390	U	ug/kg	390	360	U	ug/kg	360
4-Chlorophenyl-phenylether	390	U	ug/kg	390	2000	U	ug/kg	2000	390	U	ug/kg	390	360	U	ug/kg	360
Fluorene	390	U	ug/kg	390	2000	U	ug/kg	2000	390	UJ	ug/kg	390	360	U	ug/kg	360
4-Nitroaniline	1900	UJ	ug/kg	1900	9600	U	ug/kg	9600	1900	U	ug/kg	1900	1700	UJ	ug/kg	1700
4,6-Dinitro-2-methylphenol	1900	U	ug/kg	1900	9600	U	ug/kg	9600	1900	U	ug/kg	1900	1700	U	ug/kg	1700
N-Nitrosodiphenylamine (1)	390	U	ug/kg	390	2000	U	ug/kg	2000	390	U	ug/kg	390	360	U	ug/kg	360
4-Bromophenyl-phenylether	390	U	ug/kg	390	2000	U	ug/kg	2000	390	U	ug/kg	390	360	U	ug/kg	360
Hexachlorobenzene	390	U	ug/kg	390	2000	U	ug/kg	2000	390	U	ug/kg	390	360	U	ug/kg	360
Pentachlorophenol	1900	U	ug/kg	1900	9600	U	ug/kg	9600	1900	U	ug/kg	1900	1700	U	ug/kg	1700
Phenanthrene	390	U	ug/kg	390	2000	U	ug/kg	2000	390	U	ug/kg	390	360	U	ug/kg	360
Anthracene	390	U	ug/kg	390	2000	U	ug/kg	2000	390	U	ug/kg	390	360	U	ug/kg	360
Di-n-butylphthalate	390	UJ	ug/kg	390	2000	U	ug/kg	2000	390	UJ	ug/kg	390	360	U	ug/kg	360
Fluoranthene	390	U	ug/kg	390	2000	U	ug/kg	2000	390	U	ug/kg	390	360	U	ug/kg	360

WHITING FIELD ANALYTICAL RESULT REPORT
SEMIVOLATILE COMPOUNDS ---- VALIDATED DATA

	22520004				22520003				22520005				22520006			
Lab Sample Number:																
Site	WHITING				WHITING				WHITING				WHITING			
Locator	17-SL-18				17-SL-19				17-SL-29				17-SL-30			
Collect Date:	15-AUG-92				15-AUG-92				15-AUG-92				15-AUG-92			
	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL
Pyrene	390	U	ug/kg	390	2000	U	ug/kg	2000	390	U	ug/kg	390	360	U	ug/kg	360
Butylbenzylphthalate	390	U	ug/kg	390	2000	U	ug/kg	2000	420		ug/kg	390	360	U	ug/kg	360
3,3-Dichlorobenzidine	790	UJ	ug/kg	790	4000	UJ	ug/kg	4000	790	U	ug/kg	790	720	UJ	ug/kg	720
Benzo (a) anthracene	390	U	ug/kg	390	2000	U	ug/kg	2000	390	U	ug/kg	390	360	U	ug/kg	360
Chrysene	390	U	ug/kg	390	2000	U	ug/kg	2000	390	U	ug/kg	390	360	U	ug/kg	360
bis(2-Ethylhexyl) phthalate	390	U	ug/kg	390	750	J	ug/kg	2000	75	J	ug/kg	390	360	U	ug/kg	360
Di-n-octylphthalate	390	U	ug/kg	390	2000	U	ug/kg	2000	390	U	ug/kg	390	360	U	ug/kg	360
Benzo (b) fluoranthene	390	U	ug/kg	390	2000	U	ug/kg	2000	390	U	ug/kg	390	360	U	ug/kg	360
Benzo (k) fluoranthene	390	U	ug/kg	390	2000	U	ug/kg	2000	390	U	ug/kg	390	360	U	ug/kg	360
Benzo (a) pyrene	390	U	ug/kg	390	2000	U	ug/kg	2000	390	U	ug/kg	390	360	U	ug/kg	360
Indeno (1,2,3-cd) pyrene	390	U	ug/kg	390	2000	U	ug/kg	2000	390	UJ	ug/kg	390	360	U	ug/kg	360
Dibenz (a,h) anthracene	390	U	ug/kg	390	2000	U	ug/kg	2000	390	UJ	ug/kg	390	360	U	ug/kg	360
Benzo (g,h,i) perylene	390	U	ug/kg	390	2000	U	ug/kg	2000	390	UJ	ug/kg	390	360	U	ug/kg	360

U= NOT DETECTED J= ESTIMATED VALUE
UJ = REPORTED QUANTITATION LIMIT IS QUALIFIED AS ESTIMATED
R = RESULT IS REJECTED AND UNUSABLE

WHITING FIELD ANALYTICAL RESULT REPORT
SEMIVOLATILE COMPOUNDS ---- VALIDATED DATA

Lab Sample Number:	22520007				22520008				22520009				22520010			
Site	WHITING				WHITING				WHITING				WHITING			
Locator	17-SL-31				17-SL-32				17-SL-33				17-SL-34			
Collect Date:	15-AUG-92				15-AUG-92				15-AUG-92				15-AUG-92			
	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL
CLP SEMIVOLATILES 87-SOW																
Phenol	420	U	ug/kg	420	380	U	ug/kg	380	370	U	ug/kg	370	360	U	ug/kg	360
bis(2-Chloroethyl) ether	420	U	ug/kg	420	380	U	ug/kg	380	370	U	ug/kg	370	360	U	ug/kg	360
2-Chlorophenol	420	U	ug/kg	420	380	U	ug/kg	380	370	U	ug/kg	370	360	U	ug/kg	360
1,3-Dichlorobenzene	420	U	ug/kg	420	380	U	ug/kg	380	370	U	ug/kg	370	360	U	ug/kg	360
1,4-Dichlorobenzene	420	U	ug/kg	420	380	U	ug/kg	380	370	U	ug/kg	370	360	U	ug/kg	360
Benzyl alcohol	420	U	ug/kg	420	380	U	ug/kg	380	370	U	ug/kg	370	360	U	ug/kg	360
1,2-Dichlorobenzene	420	U	ug/kg	420	380	U	ug/kg	380	370	U	ug/kg	370	360	U	ug/kg	360
2-Methylphenol	420	U	ug/kg	420	380	U	ug/kg	380	370	U	ug/kg	370	360	U	ug/kg	360
Bis(2-Chloroisopropyl) ether	420	U	ug/kg	420	380	U	ug/kg	380	370	U	ug/kg	370	360	U	ug/kg	360
4-Methylphenol	420	U	ug/kg	420	380	U	ug/kg	380	370	U	ug/kg	370	360	U	ug/kg	360
N-Nitroso-di-n-propylamine	420	U	ug/kg	420	380	U	ug/kg	380	370	U	ug/kg	370	360	U	ug/kg	360
Hexachloroethane	420	U	ug/kg	420	380	U	ug/kg	380	370	U	ug/kg	370	360	U	ug/kg	360
Nitrobenzene	420	U	ug/kg	420	380	U	ug/kg	380	370	U	ug/kg	370	360	U	ug/kg	360
Isophorone	420	U	ug/kg	420	380	U	ug/kg	380	370	U	ug/kg	370	360	U	ug/kg	360
2-Nitrophenol	420	U	ug/kg	420	380	U	ug/kg	380	370	U	ug/kg	370	360	U	ug/kg	360
2,4-Dimethylphenol	420	U	ug/kg	420	380	U	ug/kg	380	370	U	ug/kg	370	360	U	ug/kg	360
Benzoic acid	2000	UJ	ug/kg	2000	1900	UJ	ug/kg	1900	1800	UJ	ug/kg	1800	1800	UJ	ug/kg	1800
bis(2-Chloroethoxy) methane	420	U	ug/kg	420	380	U	ug/kg	380	370	U	ug/kg	370	360	U	ug/kg	360
2,4-Dichlorophenol	420	U	ug/kg	420	380	U	ug/kg	380	370	U	ug/kg	370	360	U	ug/kg	360
1,2,4-Trichlorobenzene	420	U	ug/kg	420	380	U	ug/kg	380	370	U	ug/kg	370	360	U	ug/kg	360
Naphthalene	420	U	ug/kg	420	380	U	ug/kg	380	370	U	ug/kg	370	360	U	ug/kg	360
4-Chloroaniline	420	U	ug/kg	420	380	U	ug/kg	380	370	U	ug/kg	370	360	U	ug/kg	360
Hexachlorobutadiene	420	U	ug/kg	420	380	U	ug/kg	380	370	U	ug/kg	370	360	U	ug/kg	360
4-Chloro-3-methylphenol	420	U	ug/kg	420	380	U	ug/kg	380	370	U	ug/kg	370	360	U	ug/kg	360
2-Methylnaphthalene	420	U	ug/kg	420	380	U	ug/kg	380	370	U	ug/kg	370	360	U	ug/kg	360
Hexachlorocyclopentadiene	420	U	ug/kg	420	380	U	ug/kg	380	370	U	ug/kg	370	360	U	ug/kg	360
2,4,6-Trichlorophenol	420	U	ug/kg	420	380	U	ug/kg	380	370	U	ug/kg	370	360	U	ug/kg	360
2,4,5-Trichlorophenol	2000	U	ug/kg	2000	1900	U	ug/kg	1900	1800	U	ug/kg	1800	1800	U	ug/kg	1800
2-Chloronaphthalene	420	U	ug/kg	420	380	U	ug/kg	380	370	U	ug/kg	370	360	U	ug/kg	360
2-Nitroaniline	2000	U	ug/kg	2000	1900	U	ug/kg	1900	1800	U	ug/kg	1800	1800	U	ug/kg	1800
Dimethylphthalate	420	U	ug/kg	420	380	U	ug/kg	380	370	U	ug/kg	370	360	U	ug/kg	360
Acenaphthylene	420	U	ug/kg	420	380	U	ug/kg	380	370	U	ug/kg	370	360	U	ug/kg	360
2,6-Dinitrotoluene	420	U	ug/kg	420	380	U	ug/kg	380	370	U	ug/kg	370	360	U	ug/kg	360
3-Nitroaniline	2000	UJ	ug/kg	2000	1900	UJ	ug/kg	1900	1800	UJ	ug/kg	1800	1800	UJ	ug/kg	1800
Acenaphthene	420	U	ug/kg	420	380	U	ug/kg	380	370	U	ug/kg	370	360	U	ug/kg	360
2,4-Dinitrophenol	2000	UJ	ug/kg	2000	1900	UJ	ug/kg	1900	1800	UJ	ug/kg	1800	1800	UJ	ug/kg	1800
4-Nitrophenol	2000	U	ug/kg	2000	1900	U	ug/kg	1900	1800	U	ug/kg	1800	1800	U	ug/kg	1800
Dibenzofuran	420	U	ug/kg	420	380	U	ug/kg	380	370	U	ug/kg	370	360	U	ug/kg	360
2,4-Dinitrotoluene	420	U	ug/kg	420	380	U	ug/kg	380	370	U	ug/kg	370	360	U	ug/kg	360
Diethylphthalate	420	U	ug/kg	420	380	U	ug/kg	380	370	U	ug/kg	370	360	U	ug/kg	360
4-Chlorophenyl-phenylether	420	U	ug/kg	420	380	U	ug/kg	380	370	U	ug/kg	370	360	U	ug/kg	360
Fluorene	420	U	ug/kg	420	380	U	ug/kg	380	370	U	ug/kg	370	360	U	ug/kg	360
4-Nitroaniline	2000	UJ	ug/kg	2000	1900	UJ	ug/kg	1900	1800	UJ	ug/kg	1800	1800	UJ	ug/kg	1800
4,6-Dinitro-2-methylphenol	2000	U	ug/kg	2000	1900	U	ug/kg	1900	1800	U	ug/kg	1800	1800	U	ug/kg	1800
N-Nitrosodiphenylamine (1)	420	U	ug/kg	420	380	U	ug/kg	380	370	U	ug/kg	370	360	U	ug/kg	360
4-Bromophenyl-phenylether	420	U	ug/kg	420	380	U	ug/kg	380	370	U	ug/kg	370	360	U	ug/kg	360
Hexachlorobenzene	420	U	ug/kg	420	380	U	ug/kg	380	370	U	ug/kg	370	360	U	ug/kg	360
Pentachlorophenol	2000	U	ug/kg	2000	1900	U	ug/kg	1900	1800	U	ug/kg	1800	1800	U	ug/kg	1800
Phenanthrene	420	U	ug/kg	420	380	U	ug/kg	380	370	U	ug/kg	370	360	U	ug/kg	360
Anthracene	420	U	ug/kg	420	380	U	ug/kg	380	370	U	ug/kg	370	360	U	ug/kg	360
Di-n-butylphthalate	420	UJ	ug/kg	420	380	U	ug/kg	380	370	U	ug/kg	370	360	U	ug/kg	360
Fluoranthene	420	U	ug/kg	420	380	U	ug/kg	380	370	U	ug/kg	370	360	U	ug/kg	360

WHITING FIELD ANALYTICAL RESULT REPORT
SEMIVOLATILE COMPOUNDS ---- VALIDATED DATA

Lab Sample Number:	22520007				22520008				22520009				22520010			
Site	WHITING				WHITING				WHITING				WHITING			
Locator	17-SL-31				17-SL-32				17-SL-33				17-SL-34			
Collect Date:	15-AUG-92				15-AUG-92				15-AUG-92				15-AUG-92			
	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL
Pyrene	420	U	ug/kg	420	380	U	ug/kg	380	370	U	ug/kg	370	360	U	ug/kg	360
Butylbenzylphthalate	420	U	ug/kg	420	380	U	ug/kg	380	370	U	ug/kg	370	360	U	ug/kg	360
3,3-Dichlorobenzidine	840	UJ	ug/kg	840	770	UJ	ug/kg	770	740	UJ	ug/kg	740	730	UJ	ug/kg	730
Benzo (a) anthracene	420	U	ug/kg	420	380	U	ug/kg	380	370	U	ug/kg	370	360	U	ug/kg	360
Chrysene	420	U	ug/kg	420	380	U	ug/kg	380	370	U	ug/kg	370	360	U	ug/kg	360
bis(2-Ethylhexyl) phthalate	420	U	ug/kg	420	380	U	ug/kg	380	370	U	ug/kg	370	360	U	ug/kg	360
Di-n-octylphthalate	420	U	ug/kg	420	380	U	ug/kg	380	370	U	ug/kg	370	360	U	ug/kg	360
Benzo (b) fluoranthene	420	U	ug/kg	420	380	U	ug/kg	380	370	U	ug/kg	370	360	U	ug/kg	360
Benzo (k) fluoranthene	420	U	ug/kg	420	380	U	ug/kg	380	370	U	ug/kg	370	360	U	ug/kg	360
Benzo (a) pyrene	420	U	ug/kg	420	380	U	ug/kg	380	370	U	ug/kg	370	360	U	ug/kg	360
Indeno (1,2,3-cd) pyrene	420	U	ug/kg	420	380	U	ug/kg	380	370	U	ug/kg	370	360	U	ug/kg	360
Dibenz (a,h) anthracene	420	U	ug/kg	420	380	U	ug/kg	380	370	U	ug/kg	370	360	U	ug/kg	360
Benzo (g,h,i) perylene	420	U	ug/kg	420	380	U	ug/kg	380	370	U	ug/kg	370	360	U	ug/kg	360

U= NOT DETECTED J= ESTIMATED VALUE
UJ = REPORTED QUANTITATION LIMIT IS QUALIFIED AS ESTIMATED
R = RESULT IS REJECTED AND UNUSABLE

WHITING FIELD ANALYTICAL RESULT REPORT
SEMIVOLATILE COMPOUNDS ---- VALIDATED DATA

Lab Sample Number:	22516001			22516002			22516M01			22516D01		
Site	WHITING			WHITING			WHITING			WHITING		
Locator	17-SL-11			17-SL-11A			17-SL-11MS			17-SL-11MSD		
Collect Date:	16-AUG-92			16-AUG-92			16-AUG-92			16-AUG-92		
	VALUE QUAL	UNITS	DL	VALUE QUAL	UNITS	DL	VALUE QUAL	UNITS	DL	VALUE QUAL	UNITS	DL
CLP SEMIVOLATILES 87-SOW												
Phenol	1200 U	ug/kg	1200	1500 U	ug/kg	1500	1200 U	ug/kg	1200	1200 U	ug/kg	1200
bis(2-Chloroethyl) ether	1200 U	ug/kg	1200	1500 U	ug/kg	1500	1200 U	ug/kg	1200	1200 U	ug/kg	1200
2-Chlorophenol	1200 U	ug/kg	1200	1500 U	ug/kg	1500	1200 U	ug/kg	1200	1200 U	ug/kg	1200
1,3-Dichlorobenzene	1200 U	ug/kg	1200	1500 U	ug/kg	1500	1200 U	ug/kg	1200	1200 U	ug/kg	1200
1,4-Dichlorobenzene	1200 U	ug/kg	1200	1500 U	ug/kg	1500	1200 U	ug/kg	1200	1200 U	ug/kg	1200
Benzyl alcohol	1200 U	ug/kg	1200	1500 U	ug/kg	1500	1200 U	ug/kg	1200	1200 U	ug/kg	1200
1,2-Dichlorobenzene	1200 U	ug/kg	1200	1500 U	ug/kg	1500	1200 U	ug/kg	1200	1200 U	ug/kg	1200
2-Methylphenol	1200 U	ug/kg	1200	1500 U	ug/kg	1500	1200 U	ug/kg	1200	1200 U	ug/kg	1200
Bis(2-Chloroisopropyl) ether	1200 U	ug/kg	1200	1500 U	ug/kg	1500	1200 U	ug/kg	1200	1200 U	ug/kg	1200
4-Methylphenol	1200 U	ug/kg	1200	1500 U	ug/kg	1500	1200 U	ug/kg	1200	1200 U	ug/kg	1200
N-Nitroso-di-n-propylamine	1200 U	ug/kg	1200	1500 U	ug/kg	1500	1200 U	ug/kg	1200	1200 U	ug/kg	1200
Hexachloroethane	1200 U	ug/kg	1200	1500 U	ug/kg	1500	1200 U	ug/kg	1200	1200 U	ug/kg	1200
Nitrobenzene	1200 U	ug/kg	1200	1500 U	ug/kg	1500	1200 U	ug/kg	1200	1200 U	ug/kg	1200
Isophorone	1200 U	ug/kg	1200	1500 U	ug/kg	1500	1200 U	ug/kg	1200	1200 U	ug/kg	1200
2-Nitrophenol	1200 U	ug/kg	1200	1500 U	ug/kg	1500	1200 U	ug/kg	1200	1200 U	ug/kg	1200
2,4-Dimethylphenol	1200 U	ug/kg	1200	1500 U	ug/kg	1500	1200 U	ug/kg	1200	1200 U	ug/kg	1200
Benzoic acid	5600 UJ	ug/kg	5600	7400 UJ	ug/kg	7400	5600 U	ug/kg	5600	5600 U	ug/kg	5600
bis(2-Chloroethoxy) methane	1200 U	ug/kg	1200	1500 U	ug/kg	1500	1200 U	ug/kg	1200	1200 U	ug/kg	1200
2,4-Dichlorophenol	1200 U	ug/kg	1200	1500 U	ug/kg	1500	1200 U	ug/kg	1200	1200 U	ug/kg	1200
1,2,4-Trichlorobenzene	1200 U	ug/kg	1200	1500 U	ug/kg	1500	1200 U	ug/kg	1200	1200 U	ug/kg	1200
Naphthalene	1100 J	ug/kg	1200	1700	ug/kg	1500	1500	ug/kg	1200	1500	ug/kg	1200
4-Chloroaniline	1200 U	ug/kg	1200	1500 U	ug/kg	1500	1200 U	ug/kg	1200	1200 U	ug/kg	1200
Hexachlorobutadiene	1200 U	ug/kg	1200	1500 U	ug/kg	1500	1200 U	ug/kg	1200	1200 U	ug/kg	1200
4-Chloro-3-methylphenol	1200 U	ug/kg	1200	1500 U	ug/kg	1500	1200 U	ug/kg	1200	1200 U	ug/kg	1200
2-Methylnaphthalene	1400	ug/kg	1200	3100	ug/kg	1500	2700	ug/kg	1200	2700	ug/kg	1200
Hexachlorocyclopentadiene	1200 U	ug/kg	1200	1500 U	ug/kg	1500	1200 U	ug/kg	1200	1200 U	ug/kg	1200
2,4,6-Trichlorophenol	1200 U	ug/kg	1200	1500 U	ug/kg	1500	1200 U	ug/kg	1200	1200 U	ug/kg	1200
2,4,5-Trichlorophenol	5600 U	ug/kg	5600	7400 U	ug/kg	7400	5600 U	ug/kg	5600	5600 U	ug/kg	5600
2-Chloronaphthalene	1200 U	ug/kg	1200	1500 U	ug/kg	1500	1200 U	ug/kg	1200	1200 U	ug/kg	1200
2-Nitroaniline	5600 U	ug/kg	5600	7400 U	ug/kg	7400	5600 U	ug/kg	5600	5600 U	ug/kg	5600
Dimethylphthalate	1200 U	ug/kg	1200	1500 U	ug/kg	1500	1200 U	ug/kg	1200	1200 U	ug/kg	1200
Acenaphthylene	1200 U	ug/kg	1200	1500 U	ug/kg	1500	1200 U	ug/kg	1200	1200 U	ug/kg	1200
2,6-Dinitrotoluene	1200 U	ug/kg	1200	1500 U	ug/kg	1500	1200 U	ug/kg	1200	1200 U	ug/kg	1200
3-Nitroaniline	5600 U	ug/kg	5600	7400 U	ug/kg	7400	5600 U	ug/kg	5600	5600 U	ug/kg	5600
Acenaphthene	1200 U	ug/kg	1200	1500 U	ug/kg	1500	1200 U	ug/kg	1200	1200 U	ug/kg	1200
2,4-Dinitrophenol	5600 UJ	ug/kg	5600	7400 UJ	ug/kg	7400	5600 U	ug/kg	5600	5600 U	ug/kg	5600
4-Nitrophenol	5600 U	ug/kg	5600	7400 U	ug/kg	7400	5600 U	ug/kg	5600	5600 U	ug/kg	5600
Dibenzofuran	1200 U	ug/kg	1200	1500 U	ug/kg	1500	1200 U	ug/kg	1200	1200 U	ug/kg	1200
2,4-Dinitrotoluene	1200 U	ug/kg	1200	1500 U	ug/kg	1500	1200 U	ug/kg	1200	1200 U	ug/kg	1200
Diethylphthalate	1200 U	ug/kg	1200	1500 U	ug/kg	1500	1200 U	ug/kg	1200	1200 U	ug/kg	1200
4-Chlorophenyl-phenylether	1200 U	ug/kg	1200	1500 U	ug/kg	1500	1200 U	ug/kg	1200	1200 U	ug/kg	1200
Fluorene	1200 U	ug/kg	1200	1500 U	ug/kg	1500	1200 U	ug/kg	1200	1200 U	ug/kg	1200
4-Nitroaniline	5600 U	ug/kg	5600	7400 U	ug/kg	7400	5600 U	ug/kg	5600	5600 U	ug/kg	5600
4,6-Dinitro-2-methylphenol	5600 U	ug/kg	5600	7400 U	ug/kg	7400	5600 U	ug/kg	5600	5600 U	ug/kg	5600
N-Nitrosodiphenylamine (1)	1200 U	ug/kg	1200	1500 U	ug/kg	1500	1200 U	ug/kg	1200	1200 U	ug/kg	1200
4-Bromophenyl-phenylether	1200 U	ug/kg	1200	1500 U	ug/kg	1500	1200 U	ug/kg	1200	1200 U	ug/kg	1200
Hexachlorobenzene	1200 U	ug/kg	1200	1500 U	ug/kg	1500	1200 U	ug/kg	1200	1200 U	ug/kg	1200
Pentachlorophenol	5600 U	ug/kg	5600	7400 U	ug/kg	7400	5600 U	ug/kg	5600	5600 U	ug/kg	5600
Phenanthrene	1200 U	ug/kg	1200	1500 U	ug/kg	1500	1200 U	ug/kg	1200	1200 U	ug/kg	1200
Anthracene	1200 U	ug/kg	1200	1500 U	ug/kg	1500	1200 U	ug/kg	1200	1200 U	ug/kg	1200
Di-n-butylphthalate	1200 U	ug/kg	1200	1500 U	ug/kg	1500	1200 U	ug/kg	1200	1200 U	ug/kg	1200
Fluoranthene	1200 U	ug/kg	1200	1500 U	ug/kg	1500	200 J	ug/kg	1200	200 J	ug/kg	1200

WHITING FIELD ANALYTICAL RESULT REPORT
SEMIVOLATILE COMPOUNDS ---- VALIDATED DATA

Lab Sample Number:	22516001				22516002				22516M01				22516D01			
Site	WHITING				WHITING				WHITING				WHITING			
Locator	17-SL-11				17-SL-11A				17-SL-11MS				17-SL-11MSD			
Collect Date:	16-AUG-92				16-AUG-92				16-AUG-92				16-AUG-92			
	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL
Pyrene	1200	U	ug/kg	1200	1500	U	ug/kg	1500	1200	U	ug/kg	1200	1200	U	ug/kg	1200
Butylbenzylphthalate	1200	U	ug/kg	1200	1500	U	ug/kg	1500	1200	U	ug/kg	1200	1200	U	ug/kg	1200
3,3-Dichlorobenzidine	2300	U	ug/kg	2300	3100	U	ug/kg	3100	2300	U	ug/kg	2300	2300	U	ug/kg	2300
Benzo (a) anthracene	1200	U	ug/kg	1200	1500	U	ug/kg	1500	1200	U	ug/kg	1200	1200	U	ug/kg	1200
Chrysene	1200	U	ug/kg	1200	1500	U	ug/kg	1500	1200	U	ug/kg	1200	1200	U	ug/kg	1200
bis(2-Ethylhexyl) phthalate	430	J	ug/kg	1200	400	J	ug/kg	1500	480	J	ug/kg	1200	500	J	ug/kg	1200
Di-n-octylphthalate	1200	U	ug/kg	1200	1500	U	ug/kg	1500	1200	U	ug/kg	1200	1200	U	ug/kg	1200
Benzo (b) fluoranthene	1200	U	ug/kg	1200	1500	U	ug/kg	1500	1200	U	ug/kg	1200	1200	U	ug/kg	1200
Benzo (k) fluoranthene	1200	U	ug/kg	1200	1500	U	ug/kg	1500	1200	U	ug/kg	1200	1200	U	ug/kg	1200
Benzo (a) pyrene	1200	U	ug/kg	1200	1500	U	ug/kg	1500	1200	U	ug/kg	1200	1200	U	ug/kg	1200
Indeno (1,2,3-cd) pyrene	1200	U	ug/kg	1200	1500	U	ug/kg	1500	1200	U	ug/kg	1200	1200	U	ug/kg	1200
Dibenz (a,h) anthracene	1200	U	ug/kg	1200	1500	U	ug/kg	1500	1200	U	ug/kg	1200	1200	U	ug/kg	1200
Benzo (g,h,i) perylene	1200	U	ug/kg	1200	1500	U	ug/kg	1500	1200	U	ug/kg	1200	1200	U	ug/kg	1200

U= NOT DETECTED J= ESTIMATED VALUE
UJ = REPORTED QUANTITATION LIMIT IS QUALIFIED AS ESTIMATED
R = RESULT IS REJECTED AND UNUSABLE

WHITING FIELD ANAL,,ICAL RESULT REPORT
SEMIVOLATILE COMPOUNDS ---- VALIDATED DATA

Lab Sample Number:	22514011				22514012				22514013				22514014			
Site	WHITING				WHITING				WHITING				WHITING			
Locator	17-SL-12				17-SL-13				17-SL-14				17-SL-17			
Collect Date:	16-AUG-92				16-AUG-92				16-AUG-92				16-AUG-92			
	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL
CLP SEMIVOLATILES 87-SOW																
Phenol	1500	U	ug/kg	1500	1200	U	ug/kg	1200	6100	U	ug/kg	6100	400	U	ug/kg	400
bis(2-Chloroethyl) ether	1500	U	ug/kg	1500	1200	U	ug/kg	1200	6100	U	ug/kg	6100	400	U	ug/kg	400
2-Chlorophenol	1500	U	ug/kg	1500	1200	U	ug/kg	1200	6100	U	ug/kg	6100	400	U	ug/kg	400
1,3-Dichlorobenzene	1500	U	ug/kg	1500	1200	U	ug/kg	1200	6100	U	ug/kg	6100	400	U	ug/kg	400
1,4-Dichlorobenzene	1500	U	ug/kg	1500	1200	U	ug/kg	1200	6100	U	ug/kg	6100	400	U	ug/kg	400
Benzyl alcohol	1500	UJ	ug/kg	1500	1200	U	ug/kg	1200	6100	U	ug/kg	6100	400	U	ug/kg	400
1,2-Dichlorobenzene	1500	U	ug/kg	1500	1200	U	ug/kg	1200	6100	U	ug/kg	6100	400	U	ug/kg	400
2-Methylphenol	1500	U	ug/kg	1500	1200	U	ug/kg	1200	6100	U	ug/kg	6100	400	U	ug/kg	400
Bis(2-Chloroisopropyl) ether	1500	U	ug/kg	1500	1200	U	ug/kg	1200	6100	U	ug/kg	6100	400	U	ug/kg	400
4-Methylphenol	1500	U	ug/kg	1500	1200	U	ug/kg	1200	6100	U	ug/kg	6100	400	U	ug/kg	400
N-Nitroso-di-n-propylamine	1500	U	ug/kg	1500	1200	U	ug/kg	1200	6100	U	ug/kg	6100	400	U	ug/kg	400
Hexachloroethane	1500	U	ug/kg	1500	1200	U	ug/kg	1200	6100	U	ug/kg	6100	400	U	ug/kg	400
Nitrobenzene	1500	U	ug/kg	1500	1200	U	ug/kg	1200	6100	U	ug/kg	6100	400	U	ug/kg	400
Isophorone	1500	U	ug/kg	1500	1200	U	ug/kg	1200	6100	U	ug/kg	6100	400	U	ug/kg	400
2-Nitrophenol	1500	U	ug/kg	1500	1200	U	ug/kg	1200	6100	U	ug/kg	6100	400	U	ug/kg	400
2,4-Dimethylphenol	1500	U	ug/kg	1500	1200	U	ug/kg	1200	6100	U	ug/kg	6100	400	U	ug/kg	400
Benzoic acid	7400	U	ug/kg	7400	5600	UJ	ug/kg	5600	30000	UJ	ug/kg	30000	1900	UJ	ug/kg	1900
bis(2-Chloroethoxy) methane	1500	U	ug/kg	1500	1200	U	ug/kg	1200	6100	U	ug/kg	6100	400	U	ug/kg	400
2,4-Dichlorophenol	1500	U	ug/kg	1500	1200	U	ug/kg	1200	6100	U	ug/kg	6100	400	U	ug/kg	400
1,2,4-Trichlorobenzene	1500	U	ug/kg	1500	1200	U	ug/kg	1200	6100	U	ug/kg	6100	400	U	ug/kg	400
Naphthalene	1500	U	ug/kg	1500	1200	U	ug/kg	1200	7200		ug/kg	6100	400	U	ug/kg	400
4-Chloroaniline	1500	UJ	ug/kg	1500	1200	U	ug/kg	1200	6100	U	ug/kg	6100	400	U	ug/kg	400
Hexachlorobutadiene	1500	U	ug/kg	1500	1200	U	ug/kg	1200	6100	U	ug/kg	6100	400	U	ug/kg	400
4-Chloro-3-methylphenol	1500	U	ug/kg	1500	1200	U	ug/kg	1200	6100	U	ug/kg	6100	400	U	ug/kg	400
2-Methylnaphthalene	1500	U	ug/kg	1500	1200	U	ug/kg	1200	6100	U	ug/kg	6100	400	U	ug/kg	400
Hexachlorocyclopentadiene	1500	U	ug/kg	1500	1200	U	ug/kg	1200	6100	U	ug/kg	6100	400	U	ug/kg	400
2,4,6-Trichlorophenol	1500	U	ug/kg	1500	1200	U	ug/kg	1200	6100	U	ug/kg	6100	400	U	ug/kg	400
2,4,5-Trichlorophenol	7400	U	ug/kg	7400	5600	U	ug/kg	5600	30000	U	ug/kg	30000	1900	U	ug/kg	1900
2-Chloronaphthalene	1500	U	ug/kg	1500	1200	U	ug/kg	1200	6100	U	ug/kg	6100	400	U	ug/kg	400
2-Nitroaniline	7400	U	ug/kg	7400	5600	U	ug/kg	5600	30000	U	ug/kg	30000	1900	U	ug/kg	1900
Dimethylphthalate	1500	U	ug/kg	1500	1200	U	ug/kg	1200	6100	U	ug/kg	6100	400	U	ug/kg	400
Acenaphthylene	1500	U	ug/kg	1500	1200	U	ug/kg	1200	6100	U	ug/kg	6100	400	U	ug/kg	400
2,6-Dinitrotoluene	1500	U	ug/kg	1500	1200	U	ug/kg	1200	6100	U	ug/kg	6100	400	U	ug/kg	400
3-Nitroaniline	7400	UJ	ug/kg	7400	5600	U	ug/kg	5600	30000	U	ug/kg	30000	1900	U	ug/kg	1900
Acenaphthene	1500	U	ug/kg	1500	1200	U	ug/kg	1200	6100	U	ug/kg	6100	400	U	ug/kg	400
2,4-Dinitrophenol	7400	UJ	ug/kg	7400	5600	U	ug/kg	5600	30000	UJ	ug/kg	30000	1900	UJ	ug/kg	1900
4-Nitrophenol	7400	U	ug/kg	7400	5600	UJ	ug/kg	5600	30000	U	ug/kg	30000	1900	U	ug/kg	1900
Dibenzofuran	1500	U	ug/kg	1500	1200	U	ug/kg	1200	6100	U	ug/kg	6100	400	U	ug/kg	400
2,4-Dinitrotoluene	1500	U	ug/kg	1500	1200	U	ug/kg	1200	6100	U	ug/kg	6100	400	U	ug/kg	400
Diethylphthalate	1500	U	ug/kg	1500	1200	U	ug/kg	1200	6100	U	ug/kg	6100	400	U	ug/kg	400
4-Chlorophenyl-phenylether	1500	U	ug/kg	1500	1200	U	ug/kg	1200	6100	U	ug/kg	6100	400	U	ug/kg	400
Fluorene	1500	U	ug/kg	1500	1200	U	ug/kg	1200	6100	U	ug/kg	6100	400	U	ug/kg	400
4-Nitroaniline	7400	UJ	ug/kg	7400	5600	UJ	ug/kg	5600	30000	U	ug/kg	30000	1900	UJ	ug/kg	1900
4,6-Dinitro-2-methylphenol	7400	UJ	ug/kg	7400	5600	U	ug/kg	5600	30000	U	ug/kg	30000	1900	UJ	ug/kg	1900
N-Nitrosodiphenylamine (1)	1500	U	ug/kg	1500	1200	U	ug/kg	1200	6100	U	ug/kg	6100	400	U	ug/kg	400
4-Bromophenyl-phenylether	1500	U	ug/kg	1500	1200	U	ug/kg	1200	6100	U	ug/kg	6100	400	U	ug/kg	400
Hexachlorobenzene	1500	U	ug/kg	1500	1200	U	ug/kg	1200	6100	U	ug/kg	6100	400	U	ug/kg	400
Pentachlorophenol	7400	U	ug/kg	7400	5600	U	ug/kg	5600	30000	U	ug/kg	30000	1900	U	ug/kg	1900
Phenanthrene	1500	U	ug/kg	1500	1200	U	ug/kg	1200	6100	U	ug/kg	6100	400	U	ug/kg	400
Anthracene	1500	U	ug/kg	1500	1200	U	ug/kg	1200	6100	U	ug/kg	6100	400	U	ug/kg	400
Di-n-butylphthalate	1500	U	ug/kg	1500	1200	UJ	ug/kg	1200	6100	U	ug/kg	6100	400	UJ	ug/kg	400
Fluoranthene	1500	U	ug/kg	1500	1200	U	ug/kg	1200	6100	U	ug/kg	6100	400	U	ug/kg	400

WHITING FIELD ANALYTICAL RESULT REPORT
SEMIVOLATILE COMPOUNDS ---- VALIDATED DATA

	22514011				22514012				22514013				22514014			
Lab Sample Number:																
Site	WHITING				WHITING				WHITING				WHITING			
Locator	17-SL-12				17-SL-13				17-SL-14				17-SL-17			
Collect Date:	16-AUG-92				16-AUG-92				16-AUG-92				16-AUG-92			
	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL
Pyrene	1500	U	ug/kg	1500	1200	U	ug/kg	1200	6100	U	ug/kg	6100	400	U	ug/kg	400
Butylbenzylphthalate	1500	U	ug/kg	1500	1200	U	ug/kg	1200	6100	U	ug/kg	6100	400	U	ug/kg	400
3,3-Dichlorobenzidine	3100	UJ	ug/kg	3100	2300	U	ug/kg	2300	12000	U	ug/kg	12000	800	UJ	ug/kg	800
Benzo (a) anthracene	1500	U	ug/kg	1500	1200	U	ug/kg	1200	6100	U	ug/kg	6100	400	U	ug/kg	400
Chrysene	1500	U	ug/kg	1500	1200	U	ug/kg	1200	6100	U	ug/kg	6100	400	U	ug/kg	400
bis(2-Ethylhexyl) phthalate	1500	U	ug/kg	1500	210	J	ug/kg	1200	6100	U	ug/kg	6100	400	U	ug/kg	400
Di-n-octylphthalate	1500	U	ug/kg	1500	1200	U	ug/kg	1200	6100	U	ug/kg	6100	400	U	ug/kg	400
Benzo (b) fluoranthene	1500	U	ug/kg	1500	1200	U	ug/kg	1200	6100	U	ug/kg	6100	400	U	ug/kg	400
Benzo (k) fluoranthene	1500	U	ug/kg	1500	1200	U	ug/kg	1200	6100	U	ug/kg	6100	400	U	ug/kg	400
Benzo (a) pyrene	1500	U	ug/kg	1500	1200	U	ug/kg	1200	6100	U	ug/kg	6100	400	U	ug/kg	400
Indeno (1,2,3-cd) pyrene	1500	U	ug/kg	1500	1200	U	ug/kg	1200	6100	U	ug/kg	6100	400	U	ug/kg	400
Dibenz (a,h) anthracene	1500	U	ug/kg	1500	1200	U	ug/kg	1200	6100	U	ug/kg	6100	400	U	ug/kg	400
Benzo (g,h,i) perylene	1500	U	ug/kg	1500	1200	U	ug/kg	1200	6100	U	ug/kg	6100	400	U	ug/kg	400

U= NOT DETECTED J= ESTIMATED VALUE
UJ = REPORTED QUANTITATION LIMIT IS QUALIFIED AS ESTIMATED
R = RESULT IS REJECTED AND UNUSABLE

WHITING FIELD ANALYTICAL RESULT REPORT
SEMIVOLATILE COMPOUNDS ---- VALIDATED DATA

Lab Sample Number:	22514008				22514015				22516003				22516004			
Site	WHITING				WHITING				WHITING				WHITING			
Locator	17-SL-17A				17-SL-20				17-SL-21				17-SL-21A			
Collect Date:	16-AUG-92				16-AUG-92				16-AUG-92				16-AUG-92			
	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL
CLP SEMIVOLATILES 87-SOW																
Phenol	400	U	ug/kg	400	400	U	ug/kg	400	2000	U	ug/kg	2000	2300	U	ug/kg	2300
bis(2-Chloroethyl) ether	400	U	ug/kg	400	400	U	ug/kg	400	2000	U	ug/kg	2000	2300	U	ug/kg	2300
2-Chlorophenol	400	U	ug/kg	400	400	U	ug/kg	400	2000	U	ug/kg	2000	2300	U	ug/kg	2300
1,3-Dichlorobenzene	400	U	ug/kg	400	400	U	ug/kg	400	2000	U	ug/kg	2000	2300	U	ug/kg	2300
1,4-Dichlorobenzene	400	U	ug/kg	400	400	U	ug/kg	400	2000	U	ug/kg	2000	2300	U	ug/kg	2300
Benzyl alcohol	400	U	ug/kg	400	400	U	ug/kg	400	2000	U	ug/kg	2000	2300	U	ug/kg	2300
1,2-Dichlorobenzene	400	U	ug/kg	400	400	U	ug/kg	400	2000	U	ug/kg	2000	2300	U	ug/kg	2300
2-Methylphenol	400	U	ug/kg	400	400	U	ug/kg	400	2000	U	ug/kg	2000	2300	U	ug/kg	2300
Bis(2-Chloroisopropyl) ether	400	U	ug/kg	400	400	U	ug/kg	400	2000	U	ug/kg	2000	2300	U	ug/kg	2300
4-Methylphenol	400	U	ug/kg	400	400	U	ug/kg	400	2000	U	ug/kg	2000	2300	U	ug/kg	2300
N-Nitroso-di-n-propylamine	400	U	ug/kg	400	400	U	ug/kg	400	2000	U	ug/kg	2000	2300	U	ug/kg	2300
Hexachloroethane	400	U	ug/kg	400	400	U	ug/kg	400	2000	U	ug/kg	2000	2300	U	ug/kg	2300
Nitrobenzene	400	U	ug/kg	400	400	U	ug/kg	400	2000	U	ug/kg	2000	2300	U	ug/kg	2300
Isophorone	400	U	ug/kg	400	400	U	ug/kg	400	2000	U	ug/kg	2000	2300	U	ug/kg	2300
2-Nitrophenol	400	U	ug/kg	400	400	U	ug/kg	400	2000	U	ug/kg	2000	2300	U	ug/kg	2300
2,4-Dimethylphenol	400	U	ug/kg	400	400	U	ug/kg	400	2000	U	ug/kg	2000	2300	U	ug/kg	2300
Benzoic acid	1900	UJ	ug/kg	1900	2000	UJ	ug/kg	2000	9600	UJ	ug/kg	9600	11000	UJ	ug/kg	11000
bis(2-Chloroethoxy) methane	400	U	ug/kg	400	400	U	ug/kg	400	2000	U	ug/kg	2000	2300	U	ug/kg	2300
2,4-Dichlorophenol	400	U	ug/kg	400	400	U	ug/kg	400	2000	U	ug/kg	2000	2300	U	ug/kg	2300
1,2,4-Trichlorobenzene	400	U	ug/kg	400	400	U	ug/kg	400	2000	U	ug/kg	2000	2300	U	ug/kg	2300
Naphthalene	400	U	ug/kg	400	81	J	ug/kg	400	620	J	ug/kg	2000	520	J	ug/kg	2300
4-Chloroaniline	400	U	ug/kg	400	400	U	ug/kg	400	2000	U	ug/kg	2000	2300	U	ug/kg	2300
Hexachlorobutadiene	400	U	ug/kg	400	400	U	ug/kg	400	2000	U	ug/kg	2000	2300	U	ug/kg	2300
4-Chloro-3-methylphenol	400	U	ug/kg	400	400	U	ug/kg	400	2000	U	ug/kg	2000	2300	U	ug/kg	2300
2-Methylnaphthalene	400	U	ug/kg	400	400	U	ug/kg	400	1500	J	ug/kg	2000	1400	J	ug/kg	2300
Hexachlorocyclopentadiene	400	U	ug/kg	400	400	U	ug/kg	400	2000	U	ug/kg	2000	2300	U	ug/kg	2300
2,4,6-Trichlorophenol	400	U	ug/kg	400	400	U	ug/kg	400	2000	U	ug/kg	2000	2300	U	ug/kg	2300
2,4,5-Trichlorophenol	1900	U	ug/kg	1900	2000	U	ug/kg	2000	9600	U	ug/kg	9600	11000	U	ug/kg	11000
2-Chloronaphthalene	400	U	ug/kg	400	400	U	ug/kg	400	2000	U	ug/kg	2000	2300	U	ug/kg	2300
2-Nitroaniline	1900	U	ug/kg	1900	2000	U	ug/kg	2000	9600	U	ug/kg	9600	11000	U	ug/kg	11000
Dimethylphthalate	400	U	ug/kg	400	400	U	ug/kg	400	2000	U	ug/kg	2000	2300	U	ug/kg	2300
Acenaphthylene	400	U	ug/kg	400	400	U	ug/kg	400	2000	U	ug/kg	2000	2300	U	ug/kg	2300
2,6-Dinitrotoluene	400	U	ug/kg	400	400	U	ug/kg	400	2000	U	ug/kg	2000	2300	U	ug/kg	2300
3-Nitroaniline	1900	U	ug/kg	1900	2000	U	ug/kg	2000	9600	U	ug/kg	9600	11000	U	ug/kg	11000
Acenaphthene	400	U	ug/kg	400	400	U	ug/kg	400	2000	U	ug/kg	2000	2300	U	ug/kg	2300
2,4-Dinitrophenol	1900	UJ	ug/kg	1900	2000	UJ	ug/kg	2000	9600	UJ	ug/kg	9600	11000	UJ	ug/kg	11000
4-Nitrophenol	1900	U	ug/kg	1900	2000	U	ug/kg	2000	9600	U	ug/kg	9600	11000	U	ug/kg	11000
Dibenzofuran	400	U	ug/kg	400	400	U	ug/kg	400	2000	U	ug/kg	2000	2300	U	ug/kg	2300
2,4-Dinitrotoluene	400	U	ug/kg	400	400	U	ug/kg	400	2000	U	ug/kg	2000	2300	U	ug/kg	2300
Diethylphthalate	400	U	ug/kg	400	400	U	ug/kg	400	2000	U	ug/kg	2000	2300	U	ug/kg	2300
4-Chlorophenyl-phenylether	400	U	ug/kg	400	400	U	ug/kg	400	2000	U	ug/kg	2000	2300	U	ug/kg	2300
Fluorene	400	U	ug/kg	400	400	U	ug/kg	400	2000	U	ug/kg	2000	2300	U	ug/kg	2300
4-Nitroaniline	1900	UJ	ug/kg	1900	2000	UJ	ug/kg	2000	9600	U	ug/kg	9600	11000	U	ug/kg	11000
4,6-Dinitro-2-methylphenol	1900	UJ	ug/kg	1900	2000	UJ	ug/kg	2000	9600	U	ug/kg	9600	11000	U	ug/kg	11000
N-Nitrosodiphenylamine (1)	400	U	ug/kg	400	400	U	ug/kg	400	2000	U	ug/kg	2000	2300	U	ug/kg	2300
4-Bromophenyl-phenylether	400	U	ug/kg	400	400	U	ug/kg	400	2000	U	ug/kg	2000	2300	U	ug/kg	2300
Hexachlorobenzene	400	U	ug/kg	400	400	U	ug/kg	400	2000	U	ug/kg	2000	2300	U	ug/kg	2300
Pentachlorophenol	1900	U	ug/kg	1900	2000	U	ug/kg	2000	9600	U	ug/kg	9600	11000	U	ug/kg	11000
Phenanthrene	400	U	ug/kg	400	400	U	ug/kg	400	2000	U	ug/kg	2000	2300	U	ug/kg	2300
Anthracene	400	U	ug/kg	400	400	U	ug/kg	400	2000	U	ug/kg	2000	2300	U	ug/kg	2300
Di-n-butylphthalate	400	UJ	ug/kg	400	400	UJ	ug/kg	400	2000	U	ug/kg	2000	2300	U	ug/kg	2300
Fluoranthene	400	U	ug/kg	400	400	U	ug/kg	400	2000	U	ug/kg	2000	2300	U	ug/kg	2300

WHITING FIELD ANALYTICAL RESULT REPORT
SEMIVOLATILE COMPOUNDS ---- VALIDATED DATA

Lab Sample Number:	22514008				22514015				22516003				22516004			
Site	WHITING				WHITING				WHITING				WHITING			
Locator	17-SL-17A				17-SL-20				17-SL-21				17-SL-21A			
Collect Date:	16-AUG-92				16-AUG-92				16-AUG-92				16-AUG-92			
	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL
Pyrene	400	U	ug/kg	400	400	U	ug/kg	400	2000	U	ug/kg	2000	2300	U	ug/kg	2300
Butylbenzylphthalate	400	U	ug/kg	400	400	U	ug/kg	400	2000	U	ug/kg	2000	2300	U	ug/kg	2300
3,3-Dichlorobenzidine	800	UJ	ug/kg	800	810	UJ	ug/kg	810	4000	U	ug/kg	4000	4600	U	ug/kg	4600
Benzo (a) anthracene	400	U	ug/kg	400	400	U	ug/kg	400	2000	U	ug/kg	2000	2300	U	ug/kg	2300
Chrysene	400	U	ug/kg	400	400	U	ug/kg	400	2000	U	ug/kg	2000	2300	U	ug/kg	2300
bis(2-Ethylhexyl) phthalate	400	U	ug/kg	400	160	J	ug/kg	400	450	J	ug/kg	2000	2300	U	ug/kg	2300
Di-n-octylphthalate	400	U	ug/kg	400	400	U	ug/kg	400	2000	U	ug/kg	2000	2300	U	ug/kg	2300
Benzo (b) fluoranthene	400	U	ug/kg	400	400	U	ug/kg	400	2000	U	ug/kg	2000	2300	U	ug/kg	2300
Benzo (k) fluoranthene	400	U	ug/kg	400	400	U	ug/kg	400	2000	U	ug/kg	2000	2300	U	ug/kg	2300
Benzo (a) pyrene	400	U	ug/kg	400	400	U	ug/kg	400	2000	U	ug/kg	2000	2300	U	ug/kg	2300
Indeno (1,2,3-cd) pyrene	400	U	ug/kg	400	400	U	ug/kg	400	2000	U	ug/kg	2000	2300	U	ug/kg	2300
Dibenz (a,h) anthracene	400	U	ug/kg	400	400	U	ug/kg	400	2000	U	ug/kg	2000	2300	U	ug/kg	2300
Benzo (g,h,i) perylene	400	U	ug/kg	400	400	U	ug/kg	400	2000	U	ug/kg	2000	2300	U	ug/kg	2300

U= NOT DETECTED J= ESTIMATED VALUE
UJ - REPORTED QUANTITATION LIMIT IS QUALIFIED AS ESTIMATED
P SULT IS REJECTED AND UNUSABLE

WHITING FIELD ANALYTICAL RESULT REPORT
SEMIVOLATILE COMPOUNDS ---- VALIDATED DATA

Lab Sample Number:	22516M03				22516D03				22514001				22514002			
Site	WHITING				WHITING				WHITING				WHITING			
Locator	17-SL-21MS				17-SL-21MSD				17-SL-22				17-SL-23			
Collect Date:	16-AUG-92				16-AUG-92				16-AUG-92				16-AUG-92			
	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL
CLP SEMIVOLATILES 87-SOW																
Phenol	2000	U	ug/kg	2000	2000	U	ug/kg	2000	1200	U	ug/kg	1200	2300	U	ug/kg	2300
bis(2-Chloroethyl) ether	2000	U	ug/kg	2000	2000	U	ug/kg	2000	1200	U	ug/kg	1200	2300	U	ug/kg	2300
2-Chlorophenol	2000	U	ug/kg	2000	2000	U	ug/kg	2000	1200	U	ug/kg	1200	2300	U	ug/kg	2300
1,3-Dichlorobenzene	2000	U	ug/kg	2000	2000	U	ug/kg	2000	1200	U	ug/kg	1200	2300	U	ug/kg	2300
1,4-Dichlorobenzene	2000	U	ug/kg	2000	2000	U	ug/kg	2000	1200	U	ug/kg	1200	2300	U	ug/kg	2300
Benzyl alcohol	2000	U	ug/kg	2000	2000	U	ug/kg	2000	1200	UJ	ug/kg	1200	2300	UJ	ug/kg	2300
1,2-Dichlorobenzene	2000	U	ug/kg	2000	2000	U	ug/kg	2000	1200	U	ug/kg	1200	2300	U	ug/kg	2300
2-Methylphenol	2000	U	ug/kg	2000	2000	U	ug/kg	2000	1200	U	ug/kg	1200	2300	U	ug/kg	2300
Bis(2-Chloroisopropyl) ether	2000	U	ug/kg	2000	2000	U	ug/kg	2000	1200	U	ug/kg	1200	2300	U	ug/kg	2300
4-Methylphenol	2000	U	ug/kg	2000	2000	U	ug/kg	2000	1200	U	ug/kg	1200	2300	U	ug/kg	2300
N-Nitroso-di-n-propylamine	2000	U	ug/kg	2000	2000	U	ug/kg	2000	1200	U	ug/kg	1200	2300	U	ug/kg	2300
Hexachloroethane	2000	U	ug/kg	2000	2000	U	ug/kg	2000	1200	U	ug/kg	1200	2300	U	ug/kg	2300
Nitrobenzene	2000	U	ug/kg	2000	2000	U	ug/kg	2000	1200	U	ug/kg	1200	2300	U	ug/kg	2300
Isophorone	2000	U	ug/kg	2000	2000	U	ug/kg	2000	1200	U	ug/kg	1200	2300	U	ug/kg	2300
2-Nitrophenol	2000	U	ug/kg	2000	2000	U	ug/kg	2000	1200	U	ug/kg	1200	2300	U	ug/kg	2300
2,4-Dimethylphenol	2000	U	ug/kg	2000	2000	U	ug/kg	2000	1200	U	ug/kg	1200	2300	U	ug/kg	2300
Benzoic acid	9600	U	ug/kg	9600	9600	U	ug/kg	9600	5900	U	ug/kg	5900	11000	U	ug/kg	11000
bis(2-Chloroethoxy) methane	2000	U	ug/kg	2000	2000	U	ug/kg	2000	1200	U	ug/kg	1200	2300	U	ug/kg	2300
2,4-Dichlorophenol	2000	U	ug/kg	2000	2000	U	ug/kg	2000	1200	U	ug/kg	1200	2300	U	ug/kg	2300
1,2,4-Trichlorobenzene	2000	U	ug/kg	2000	2000	U	ug/kg	2000	1200	U	ug/kg	1200	2300	U	ug/kg	2300
Naphthalene	490	J	ug/kg	2000	680	J	ug/kg	2000	1200	U	ug/kg	1200	1000	J	ug/kg	2300
4-Chloroaniline	2000	U	ug/kg	2000	2000	U	ug/kg	2000	1200	UJ	ug/kg	1200	2300	UJ	ug/kg	2300
Hexachlorobutadiene	2000	U	ug/kg	2000	2000	U	ug/kg	2000	1200	U	ug/kg	1200	2300	U	ug/kg	2300
4-Chloro-3-methylphenol	2000	U	ug/kg	2000	2000	U	ug/kg	2000	1200	U	ug/kg	1200	2300	U	ug/kg	2300
2-Methylnaphthalene	1600	J	ug/kg	2000	2000		ug/kg	2000	1200	U	ug/kg	1200	4900		ug/kg	2300
Hexachlorocyclopentadiene	2000	U	ug/kg	2000	2000	U	ug/kg	2000	1200	U	ug/kg	1200	2300	U	ug/kg	2300
2,4,6-Trichlorophenol	2000	U	ug/kg	2000	2000	U	ug/kg	2000	1200	U	ug/kg	1200	2300	U	ug/kg	2300
2,4,5-Trichlorophenol	9600	U	ug/kg	9600	9600	U	ug/kg	9600	5900	U	ug/kg	5900	11000	U	ug/kg	11000
2-Chloronaphthalene	2000	U	ug/kg	2000	2000	U	ug/kg	2000	1200	U	ug/kg	1200	2300	U	ug/kg	2300
2-Nitroaniline	9600	U	ug/kg	9600	9600	U	ug/kg	9600	5900	U	ug/kg	5900	11000	U	ug/kg	11000
Dimethylphthalate	2000	U	ug/kg	2000	2000	U	ug/kg	2000	1200	U	ug/kg	1200	2300	U	ug/kg	2300
Acenaphthylene	2000	U	ug/kg	2000	2000	U	ug/kg	2000	1200	U	ug/kg	1200	2300	U	ug/kg	2300
2,6-Dinitrotoluene	2000	U	ug/kg	2000	2000	U	ug/kg	2000	1200	U	ug/kg	1200	2300	U	ug/kg	2300
3-Nitroaniline	9600	U	ug/kg	9600	9600	U	ug/kg	9600	5900	UJ	ug/kg	5900	11000	UJ	ug/kg	11000
Acenaphthene	2000	U	ug/kg	2000	2000	U	ug/kg	2000	1200	U	ug/kg	1200	2300	U	ug/kg	2300
2,4-Dinitrophenol	9600	U	ug/kg	9600	9600	U	ug/kg	9600	5900	UJ	ug/kg	5900	11000	UJ	ug/kg	11000
4-Nitrophenol	9600	U	ug/kg	9600	9600	U	ug/kg	9600	5900	U	ug/kg	5900	11000	U	ug/kg	11000
Dibenzofuran	2000	U	ug/kg	2000	2000	U	ug/kg	2000	1200	U	ug/kg	1200	2300	U	ug/kg	2300
2,4-Dinitrotoluene	2000	U	ug/kg	2000	2000	U	ug/kg	2000	1200	U	ug/kg	1200	2300	U	ug/kg	2300
Diethylphthalate	2000	U	ug/kg	2000	2000	U	ug/kg	2000	1200	U	ug/kg	1200	2300	U	ug/kg	2300
4-Chlorophenyl-phenylether	2000	U	ug/kg	2000	2000	U	ug/kg	2000	1200	U	ug/kg	1200	2300	U	ug/kg	2300
Fluorene	2000	U	ug/kg	2000	2000	U	ug/kg	2000	1200	U	ug/kg	1200	2300	U	ug/kg	2300
4-Nitroaniline	9600	U	ug/kg	9600	9600	U	ug/kg	9600	5900	UJ	ug/kg	5900	11000	UJ	ug/kg	11000
4,6-Dinitro-2-methylphenol	9600	U	ug/kg	9600	9600	U	ug/kg	9600	5900	UJ	ug/kg	5900	11000	UJ	ug/kg	11000
N-Nitrosodiphenylamine (1)	2000	U	ug/kg	2000	2000	U	ug/kg	2000	1200	U	ug/kg	1200	2300	U	ug/kg	2300
4-Bromophenyl-phenylether	2000	U	ug/kg	2000	2000	U	ug/kg	2000	1200	U	ug/kg	1200	2300	U	ug/kg	2300
Hexachlorobenzene	2000	U	ug/kg	2000	2000	U	ug/kg	2000	1200	U	ug/kg	1200	2300	U	ug/kg	2300
Pentachlorophenol	9600	U	ug/kg	9600	9600	U	ug/kg	9600	5900	U	ug/kg	5900	11000	U	ug/kg	11000
Phenanthrene	2000	U	ug/kg	2000	2000	U	ug/kg	2000	1200	U	ug/kg	1200	2300	U	ug/kg	2300
Anthracene	2000	U	ug/kg	2000	2000	U	ug/kg	2000	1200	U	ug/kg	1200	2300	U	ug/kg	2300
Di-n-butylphthalate	2000	U	ug/kg	2000	2000	U	ug/kg	2000	1200	UJ	ug/kg	1200	2300	U	ug/kg	2300
Fluoranthene	2000	U	ug/kg	2000	2000	U	ug/kg	2000	1200	U	ug/kg	1200	2300	U	ug/kg	2300

WHITING FIELD ANALYTICAL RESULT REPORT
SEMIVOLATILE COMPOUNDS ---- VALIDATED DATA

Lab Sample Number:	22516M03				22516D03				22514001				22514002			
Site	WHITING				WHITING				WHITING				WHITING			
Locator	17-SL-21MS				17-SL-21MSD				17-SL-22				17-SL-23			
Collect Date:	16-AUG-92				16-AUG-92				16-AUG-92				16-AUG-92			
	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL
Pyrene	2000	U	ug/kg	2000	2000	U	ug/kg	2000	1200	U	ug/kg	1200	2300	U	ug/kg	2300
Butylbenzylphthalate	2000	U	ug/kg	2000	2000	U	ug/kg	2000	1200	U	ug/kg	1200	2300	U	ug/kg	2300
3,3-Dichlorobenzidine	4000	U	ug/kg	4000	4000	U	ug/kg	4000	2400	UJ	ug/kg	2400	4600	UJ	ug/kg	4600
Benzo (a) anthracene	2000	U	ug/kg	2000	2000	U	ug/kg	2000	1200	U	ug/kg	1200	2300	U	ug/kg	2300
Chrysene	2000	U	ug/kg	2000	2000	U	ug/kg	2000	1200	U	ug/kg	1200	2300	U	ug/kg	2300
bis(2-Ethylhexyl) phthalate	480	J	ug/kg	2000	580	J	ug/kg	2000	1200	U	ug/kg	1200	2300	U	ug/kg	2300
Di-n-octylphthalate	2000	U	ug/kg	2000	2000	U	ug/kg	2000	1200	U	ug/kg	1200	2300	U	ug/kg	2300
Benzo (b) fluoranthene	2000	U	ug/kg	2000	2000	U	ug/kg	2000	1200	U	ug/kg	1200	2300	U	ug/kg	2300
Benzo (k) fluoranthene	2000	U	ug/kg	2000	2000	U	ug/kg	2000	1200	U	ug/kg	1200	2300	U	ug/kg	2300
Benzo (a) pyrene	2000	U	ug/kg	2000	2000	U	ug/kg	2000	1200	U	ug/kg	1200	2300	U	ug/kg	2300
Indeno (1,2,3-cd) pyrene	2000	U	ug/kg	2000	2000	U	ug/kg	2000	1200	U	ug/kg	1200	2300	U	ug/kg	2300
Dibenz (a,h) anthracene	2000	U	ug/kg	2000	2000	U	ug/kg	2000	1200	U	ug/kg	1200	2300	U	ug/kg	2300
Benzo (g,h,i) perylene	2000	U	ug/kg	2000	2000	U	ug/kg	2000	1200	U	ug/kg	1200	2300	U	ug/kg	2300

U= NOT DETECTED J= ESTIMATED VALUE
UJ = REPORTED QUANTITATION LIMIT IS QUALIFIED AS ESTIMATED
R = RESULT IS REJECTED AND UNUSABLE

WHITING FIELD ANALYTICAL RESULT REPORT
SEMIVOLATILE COMPOUNDS ---- VALIDATED DATA

Lab Sample Number:	22514003				22514004				22514005				22514006			
Site	WHITING				WHITING				WHITING				WHITING			
Locator	17-SL-24				17-SL-25				17-SL-26				17-SL-27			
Collect Date:	16-AUG-92				16-AUG-92				16-AUG-92				16-AUG-92			
	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL
CLP SEMIVOLATILES 87-SOW																
Phenol	4800	U	ug/kg	4800	780	U	ug/kg	780	400	U	ug/kg	400	1200	U	ug/kg	1200
bis(2-Chloroethyl) ether	4800	U	ug/kg	4800	780	U	ug/kg	780	400	U	ug/kg	400	1200	U	ug/kg	1200
2-Chlorophenol	4800	U	ug/kg	4800	780	U	ug/kg	780	400	U	ug/kg	400	1200	U	ug/kg	1200
1,3-Dichlorobenzene	4800	U	ug/kg	4800	780	U	ug/kg	780	400	U	ug/kg	400	1200	U	ug/kg	1200
1,4-Dichlorobenzene	4800	U	ug/kg	4800	780	U	ug/kg	780	400	U	ug/kg	400	1200	U	ug/kg	1200
Benzyl alcohol	4800	UJ	ug/kg	4800	780	UJ	ug/kg	780	400	UJ	ug/kg	400	1200	U	ug/kg	1200
1,2-Dichlorobenzene	4800	U	ug/kg	4800	780	U	ug/kg	780	400	U	ug/kg	400	1200	U	ug/kg	1200
2-Methylphenol	4800	U	ug/kg	4800	780	U	ug/kg	780	400	U	ug/kg	400	1200	U	ug/kg	1200
Bis(2-Chloroisopropyl) ether	4800	U	ug/kg	4800	780	U	ug/kg	780	400	U	ug/kg	400	1200	U	ug/kg	1200
4-Methylphenol	4800	U	ug/kg	4800	780	U	ug/kg	780	400	U	ug/kg	400	1200	U	ug/kg	1200
N-Nitroso-di-n-propylamine	4800	U	ug/kg	4800	780	U	ug/kg	780	400	U	ug/kg	400	1200	U	ug/kg	1200
Hexachloroethane	4800	U	ug/kg	4800	780	U	ug/kg	780	400	U	ug/kg	400	1200	U	ug/kg	1200
Nitrobenzene	4800	U	ug/kg	4800	780	U	ug/kg	780	400	U	ug/kg	400	1200	U	ug/kg	1200
Isophorone	4800	U	ug/kg	4800	780	U	ug/kg	780	400	U	ug/kg	400	1200	U	ug/kg	1200
2-Nitrophenol	4800	U	ug/kg	4800	780	U	ug/kg	780	400	U	ug/kg	400	1200	U	ug/kg	1200
2,4-Dimethylphenol	4800	U	ug/kg	4800	780	U	ug/kg	780	400	U	ug/kg	400	1200	U	ug/kg	1200
Benzoic acid	23000	U	ug/kg	23000	3800	U	ug/kg	3800	2000	U	ug/kg	2000	5800	UJ	ug/kg	5800
bis(2-Chloroethoxy) methane	4800	U	ug/kg	4800	780	U	ug/kg	780	400	U	ug/kg	400	1200	U	ug/kg	1200
2,4-Dichlorophenol	4800	U	ug/kg	4800	780	U	ug/kg	780	400	U	ug/kg	400	1200	U	ug/kg	1200
1,2,4-Trichlorobenzene	4800	U	ug/kg	4800	780	U	ug/kg	780	400	U	ug/kg	400	1200	U	ug/kg	1200
Naphthalene	4800	U	ug/kg	4800	780	U	ug/kg	780	400	U	ug/kg	400	1200	U	ug/kg	1200
4-Chloroaniline	4800	UJ	ug/kg	4800	780	UJ	ug/kg	780	400	UJ	ug/kg	400	1200	U	ug/kg	1200
Hexachlorobutadiene	4800	U	ug/kg	4800	780	U	ug/kg	780	400	U	ug/kg	400	1200	U	ug/kg	1200
4-Chloro-3-methylphenol	4800	U	ug/kg	4800	780	U	ug/kg	780	400	U	ug/kg	400	1200	U	ug/kg	1200
2-Methylnaphthalene	4800	U	ug/kg	4800	780	U	ug/kg	780	400	U	ug/kg	400	1200	U	ug/kg	1200
Hexachlorocyclopentadiene	4800	U	ug/kg	4800	780	U	ug/kg	780	400	U	ug/kg	400	1200	U	ug/kg	1200
2,4,6-Trichlorophenol	4800	U	ug/kg	4800	780	U	ug/kg	780	400	U	ug/kg	400	1200	U	ug/kg	1200
2,4,5-Trichlorophenol	23000	U	ug/kg	23000	3800	U	ug/kg	3800	2000	U	ug/kg	2000	5800	U	ug/kg	5800
2-Chloronaphthalene	4800	U	ug/kg	4800	780	U	ug/kg	780	400	U	ug/kg	400	1200	U	ug/kg	1200
2-Nitroaniline	23000	U	ug/kg	23000	3800	U	ug/kg	3800	2000	U	ug/kg	2000	5800	U	ug/kg	5800
Dimethylphthalate	4800	U	ug/kg	4800	780	U	ug/kg	780	400	U	ug/kg	400	1200	U	ug/kg	1200
Acenaphthylene	4800	U	ug/kg	4800	780	U	ug/kg	780	400	U	ug/kg	400	1200	U	ug/kg	1200
2,6-Dinitrotoluene	4800	U	ug/kg	4800	780	U	ug/kg	780	400	U	ug/kg	400	1200	U	ug/kg	1200
3-Nitroaniline	23000	UJ	ug/kg	23000	3800	UJ	ug/kg	3800	2000	UJ	ug/kg	2000	5800	U	ug/kg	5800
Acenaphthene	4800	U	ug/kg	4800	780	U	ug/kg	780	400	U	ug/kg	400	1200	U	ug/kg	1200
2,4-Dinitrophenol	23000	UJ	ug/kg	23000	3800	UJ	ug/kg	3800	2000	UJ	ug/kg	2000	5800	UJ	ug/kg	5800
4-Nitrophenol	23000	U	ug/kg	23000	3800	U	ug/kg	3800	2000	U	ug/kg	2000	5800	U	ug/kg	5800
Dibenzofuran	4800	U	ug/kg	4800	780	U	ug/kg	780	400	U	ug/kg	400	1200	U	ug/kg	1200
2,4-Dinitrotoluene	4800	U	ug/kg	4800	780	U	ug/kg	780	400	U	ug/kg	400	1200	U	ug/kg	1200
Diethylphthalate	4800	U	ug/kg	4800	780	U	ug/kg	780	400	U	ug/kg	400	1200	U	ug/kg	1200
4-Chlorophenyl-phenylether	4800	U	ug/kg	4800	780	U	ug/kg	780	400	U	ug/kg	400	1200	U	ug/kg	1200
Fluorene	4800	U	ug/kg	4800	780	U	ug/kg	780	400	U	ug/kg	400	1200	U	ug/kg	1200
4-Nitroaniline	23000	UJ	ug/kg	23000	3800	UJ	ug/kg	3800	2000	UJ	ug/kg	2000	5800	UJ	ug/kg	5800
4,6-Dinitro-2-methylphenol	23000	UJ	ug/kg	23000	3800	UJ	ug/kg	3800	2000	UJ	ug/kg	2000	5800	UJ	ug/kg	5800
N-Nitrosodiphenylamine (1)	4800	U	ug/kg	4800	780	U	ug/kg	780	400	U	ug/kg	400	1200	U	ug/kg	1200
4-Bromophenyl-phenylether	4800	U	ug/kg	4800	780	U	ug/kg	780	400	U	ug/kg	400	1200	U	ug/kg	1200
Hexachlorobenzene	4800	U	ug/kg	4800	780	U	ug/kg	780	400	U	ug/kg	400	1200	U	ug/kg	1200
Pentachlorophenol	23000	U	ug/kg	23000	3800	U	ug/kg	3800	2000	U	ug/kg	2000	5800	U	ug/kg	5800
Phenanthrene	4800	U	ug/kg	4800	780	U	ug/kg	780	400	U	ug/kg	400	1200	U	ug/kg	1200
Anthracene	4800	U	ug/kg	4800	780	U	ug/kg	780	400	U	ug/kg	400	1200	U	ug/kg	1200
Di-n-butylphthalate	4800	U	ug/kg	4800	780	U	ug/kg	780	400	UJ	ug/kg	400	1200	U	ug/kg	1200
Fluoranthene	4800	U	ug/kg	4800	780	U	ug/kg	780	400	U	ug/kg	400	1200	U	ug/kg	1200

WHITING FIELD ANALYTICAL RESULT REPORT
SEMIVOLATILE COMPOUNDS ---- VALIDATED DATA

	22514003				22514004				22514005				22514006			
Lab Sample Number:																
Site	WHITING				WHITING				WHITING				WHITING			
Locator	17-SL-24				17-SL-25				17-SL-26				17-SL-27			
Collect Date:	16-AUG-92				16-AUG-92				16-AUG-92				16-AUG-92			
	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL
Pyrene	4800	U	ug/kg	4800	780	U	ug/kg	780	400	U	ug/kg	400	1200	U	ug/kg	1200
Butylbenzylphthalate	4800	U	ug/kg	4800	780	U	ug/kg	780	400	U	ug/kg	400	1200	U	ug/kg	1200
3,3-Dichlorobenzidine	9700	UJ	ug/kg	9700	1600	UJ	ug/kg	1600	810	UJ	ug/kg	810	2400	UJ	ug/kg	2400
Benzo (a) anthracene	4800	U	ug/kg	4800	780	U	ug/kg	780	400	U	ug/kg	400	1200	U	ug/kg	1200
Chrysene	4800	U	ug/kg	4800	780	U	ug/kg	780	400	U	ug/kg	400	1200	U	ug/kg	1200
bis(2-Ethylhexyl) phthalate	4800	U	ug/kg	4800	780	U	ug/kg	780	400	U	ug/kg	400	1200	U	ug/kg	1200
Di-n-octylphthalate	4800	U	ug/kg	4800	780	U	ug/kg	780	400	U	ug/kg	400	1200	U	ug/kg	1200
Benzo (b) fluoranthene	4800	U	ug/kg	4800	780	U	ug/kg	780	400	U	ug/kg	400	1200	U	ug/kg	1200
Benzo (k) fluoranthene	4800	U	ug/kg	4800	780	U	ug/kg	780	400	U	ug/kg	400	1200	U	ug/kg	1200
Benzo (a) pyrene	4800	U	ug/kg	4800	780	U	ug/kg	780	400	U	ug/kg	400	1200	U	ug/kg	1200
Indeno (1,2,3-cd) pyrene	4800	U	ug/kg	4800	780	U	ug/kg	780	400	U	ug/kg	400	1200	U	ug/kg	1200
Dibenz (a,h) anthracene	4800	U	ug/kg	4800	780	U	ug/kg	780	400	U	ug/kg	400	1200	U	ug/kg	1200
Benzo (g,h,i) perylene	4800	U	ug/kg	4800	780	U	ug/kg	780	400	U	ug/kg	400	1200	U	ug/kg	1200

U= NOT DETECTED J= ESTIMATED VALUE
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WHITING FIELD ANAL..ICAL RESULT REPORT
SEMIVOLATILE COMPOUNDS ---- VALIDATED DATA

Lab Sample Number:	22514007
Site	WHITING
Locator	17-SL-28
Collect Date:	16-AUG-92

	VALUE	QUAL	UNITS	DL
CLP SEMIVOLATILES 87-SOW				
Phenol	9900	UJ	ug/kg	9900
bis(2-Chloroethyl) ether	9900	UJ	ug/kg	9900
2-Chlorophenol	9900	UJ	ug/kg	9900
1,3-Dichlorobenzene	9900	UJ	ug/kg	9900
1,4-Dichlorobenzene	9900	UJ	ug/kg	9900
Benzyl alcohol	9900	UJ	ug/kg	9900
1,2-Dichlorobenzene	9900	UJ	ug/kg	9900
2-Methylphenol	9900	UJ	ug/kg	9900
Bis(2-Chloroisopropyl) ether	9900	UJ	ug/kg	9900
4-Methylphenol	9900	UJ	ug/kg	9900
N-Nitroso-di-n-propylamine	9900	UJ	ug/kg	9900
Hexachloroethane	9900	UJ	ug/kg	9900
Nitrobenzene	9900	UJ	ug/kg	9900
Isophorone	9900	UJ	ug/kg	9900
2-Nitrophenol	9900	UJ	ug/kg	9900
2,4-Dimethylphenol	9900	UJ	ug/kg	9900
Benzoic acid	48000	UJ	ug/kg	48000
bis(2-Chloroethoxy) methane	9900	UJ	ug/kg	9900
2,4-Dichlorophenol	9900	UJ	ug/kg	9900
1,2,4-Trichlorobenzene	9900	UJ	ug/kg	9900
Naphthalene	9900	UJ	ug/kg	9900
4-Chloroaniline	9900	UJ	ug/kg	9900
Hexachlorobutadiene	9900	UJ	ug/kg	9900
4-Chloro-3-methylphenol	9900	UJ	ug/kg	9900
2-Methylnaphthalene	9900	UJ	ug/kg	9900
Hexachlorocyclopentadiene	9900	UJ	ug/kg	9900
2,4,6-Trichlorophenol	9900	UJ	ug/kg	9900
2,4,5-Trichlorophenol	48000	UJ	ug/kg	48000
2-Chloronaphthalene	9900	UJ	ug/kg	9900
2-Nitroaniline	48000	UJ	ug/kg	48000
Dimethylphthalate	9900	UJ	ug/kg	9900
Acenaphthylene	9900	UJ	ug/kg	9900
2,6-Dinitrotoluene	9900	UJ	ug/kg	9900
3-Nitroaniline	48000	UJ	ug/kg	48000
Acenaphthene	9900	UJ	ug/kg	9900
2,4-Dinitrophenol	48000	UJ	ug/kg	48000
4-Nitrophenol	48000	UJ	ug/kg	48000
Dibenzofuran	9900	UJ	ug/kg	9900
2,4-Dinitrotoluene	9900	UJ	ug/kg	9900
Diethylphthalate	9900	UJ	ug/kg	9900
4-Chlorophenyl-phenylether	9900	UJ	ug/kg	9900
Fluorene	9900	UJ	ug/kg	9900
4-Nitroaniline	48000	UJ	ug/kg	48000
4,6-Dinitro-2-methylphenol	48000	UJ	ug/kg	48000
N-Nitrosodiphenylamine (1)	9900	UJ	ug/kg	9900
4-Bromophenyl-phenylether	9900	UJ	ug/kg	9900
Hexachlorobenzene	9900	UJ	ug/kg	9900
Pentachlorophenol	48000	UJ	ug/kg	48000
Phenanthrene	9900	UJ	ug/kg	9900
Anthracene	9900	UJ	ug/kg	9900
Di-n-butylphthalate	9900	UJ	ug/kg	9900
Fluoranthene	9900	UJ	ug/kg	9900

WHITING FIELD ANAL...ICAL RESULT REPORT
SEMIVOLATILE COMPOUNDS ---- VALIDATED DATA

Lab Sample Number:	22514007
Site	WHITING
Locator	17-SL-28
Collect Date:	16-AUG-92

	VALUE	QUAL	UNITS	DL
Pyrene	9900	UJ	ug/kg	9900
Butylbenzylphthalate	9900	UJ	ug/kg	9900
3,3-Dichlorobenzidine	20000	UJ	ug/kg	20000
Benzo (a) anthracene	9900	UJ	ug/kg	9900
Chrysene	9900	UJ	ug/kg	9900
bis(2-Ethylhexyl) phthalate	9900	UJ	ug/kg	9900
Di-n-octylphthalate	9900	UJ	ug/kg	9900
Benzo (b) fluoranthene	9900	UJ	ug/kg	9900
Benzo (k) fluoranthene	9900	UJ	ug/kg	9900
Benzo (a) pyrene	9900	UJ	ug/kg	9900
Indeno (1,2,3-cd) pyrene	9900	UJ	ug/kg	9900
Dibenz (a,h) anthracene	9900	UJ	ug/kg	9900
Benzo (g,h,i) perylene	9900	UJ	ug/kg	9900

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R ... ULT IS REJECTED AND UNUSABLE

WHITING FIELD ANALYTICAL RESULT REPORT
PESTICIDES AND PCBS ---- VALIDATED DATA

Lab Sample Number:	22505002				22505007				22505009				22520001					
Site	WHITING				WHITING				WHITING				WHITING					
Locator	17-SL-02				17-SL-07				17-SL-09				17-SL-15					
Collect Date:	15-AUG-92				15-AUG-92				15-AUG-92				15-AUG-92					
	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL		
CLP PESTICIDES/PCBS 87-SOW																		
alpha-BHC	9.4	U	ug/kg	9.4	9.6	U	ug/kg	9.6	9.4	U	ug/kg	9.4	9.1	U	ug/kg	9.1		
beta-BHC	9.4	U	ug/kg	9.4	9.6	U	ug/kg	9.6	9.4	U	ug/kg	9.4	9.1	U	ug/kg	9.1		
delta-BHC	9.4	U	ug/kg	9.4	9.6	U	ug/kg	9.6	9.4	U	ug/kg	9.4	9.1	U	ug/kg	9.1		
gamma-BHC (Lindane)	9.4	U	ug/kg	9.4	9.6	U	ug/kg	9.6	9.4	U	ug/kg	9.4	9.1	U	ug/kg	9.1		
Heptachlor	9.4	U	ug/kg	9.4	9.6	U	ug/kg	9.6	9.4	U	ug/kg	9.4	9.1	U	ug/kg	9.1		
Aldrin	9.4	U	ug/kg	9.4	9.6	U	ug/kg	9.6	9.4	U	ug/kg	9.4	9.1	U	ug/kg	9.1		
Heptachlor epoxide	9.4	U	ug/kg	9.4	9.6	U	ug/kg	9.6	9.4	U	ug/kg	9.4	9.1	U	ug/kg	9.1		
Endosulfan I	9.4	U	ug/kg	9.4	9.6	U	ug/kg	9.6	9.4	U	ug/kg	9.4	9.1	U	ug/kg	9.1		
Dieldrin	19	U	ug/kg	19	19	U	ug/kg	19	19	U	ug/kg	19	18	U	ug/kg	18		
4,4-DDE	19	U	ug/kg	19	19	U	ug/kg	19	19	U	ug/kg	19	18	U	ug/kg	18		
Endrin	19	U	ug/kg	19	19	U	ug/kg	19	19	U	ug/kg	19	18	U	ug/kg	18		
Endosulfan II	19	U	ug/kg	19	19	U	ug/kg	19	19	U	ug/kg	19	18	U	ug/kg	18		
4,4-DDD	19	U	ug/kg	19	19	U	ug/kg	19	19	U	ug/kg	19	18	U	ug/kg	18		
Endosulfan sulfate	19	U	ug/kg	19	19	U	ug/kg	19	19	U	ug/kg	19	18	U	ug/kg	18		
4,4-DDT	19	U	ug/kg	19	19	U	ug/kg	19	19	U	ug/kg	19	18	U	ug/kg	18		
Methoxychlor	94	U	ug/kg	94	96	U	ug/kg	96	94	U	ug/kg	94	91	U	ug/kg	91		
Endrin ketone	19	U	ug/kg	19	19	U	ug/kg	19	19	U	ug/kg	19	18	U	ug/kg	18		
alpha-Chlordane	94	U	ug/kg	94	96	U	ug/kg	96	94	U	ug/kg	94	91	U	ug/kg	91		
gamma-Chlordane	94	U	ug/kg	94	96	U	ug/kg	96	94	U	ug/kg	94	91	U	ug/kg	91		
Toxaphene	190	U	ug/kg	190	190	U	ug/kg	190	190	U	ug/kg	190	180	U	ug/kg	180		
Aroclor-1016	94	U	ug/kg	94	96	U	ug/kg	96	94	U	ug/kg	94	91	U	ug/kg	91		
Aroclor-1221	94	U	ug/kg	94	96	U	ug/kg	96	94	U	ug/kg	94	91	U	ug/kg	91		
Aroclor-1232	94	U	ug/kg	94	96	U	ug/kg	96	94	U	ug/kg	94	91	U	ug/kg	91		
Aroclor-1242	94	U	ug/kg	94	96	U	ug/kg	96	94	U	ug/kg	94	91	U	ug/kg	91		
Aroclor-1248	94	U	ug/kg	94	96	U	ug/kg	96	94	U	ug/kg	94	91	U	ug/kg	91		
Aroclor-1254	190	U	ug/kg	190	190	U	ug/kg	190	190	U	ug/kg	190	180	U	ug/kg	180		
Aroclor-1260	190	U	ug/kg	190	190	U	ug/kg	190	190	U	ug/kg	190	180	U	ug/kg	180		

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WHITING FIELD ANALYTICAL RESULT REPORT
PESTICIDES AND PCBS ---- VALIDATED DATA

Lab Sample Number:	22516001				22516002				22516M01				22516001			
Site	WHITING				WHITING				WHITING				WHITING			
Locator	17-SL-11				17-SL-11A				17-SL-11MS				17-SL-11MSD			
Collect Date:	19-AUG-92				19-AUG-92				19-AUG-92				19-AUG-92			
	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL
CLP PESTICIDES/PCBS 87-SOW																
alpha-BHC	47	U	ug/kg	47	47	U	ug/kg	47	47	U	ug/kg	47	47	U	ug/kg	47
beta-BHC	47	U	ug/kg	47	47	U	ug/kg	47	47	U	ug/kg	47	47	U	ug/kg	47
delta-BHC	47	U	ug/kg	47	47	U	ug/kg	47	47	U	ug/kg	47	47	U	ug/kg	47
gamma-BHC (Lindane)	47	U	ug/kg	47	47	U	ug/kg	47	47	U	ug/kg	47	47	U	ug/kg	47
Heptachlor	47	U	ug/kg	47	47	U	ug/kg	47	47	U	ug/kg	47	47	U	ug/kg	47
Aldrin	47	U	ug/kg	47	47	U	ug/kg	47	47	U	ug/kg	47	47	U	ug/kg	47
Heptachlor epoxide	47	U	ug/kg	47	47	U	ug/kg	47	47	U	ug/kg	47	47	U	ug/kg	47
Endosulfan I	47	U	ug/kg	47	47	U	ug/kg	47	47	U	ug/kg	47	47	U	ug/kg	47
Dieldrin	93	U	ug/kg	93	93	U	ug/kg	93	93	U	ug/kg	93	93	U	ug/kg	93
4,4-DDE	93	U	ug/kg	93	93	U	ug/kg	93	93	U	ug/kg	93	93	U	ug/kg	93
Endrin	93	U	ug/kg	93	93	U	ug/kg	93	93	U	ug/kg	93	93	U	ug/kg	93
Endosulfan II	93	U	ug/kg	93	93	U	ug/kg	93	93	U	ug/kg	93	93	U	ug/kg	93
4,4-DDD	93	U	ug/kg	93	93	U	ug/kg	93	93	U	ug/kg	93	93	U	ug/kg	93
Endosulfan sulfate	93	U	ug/kg	93	93	U	ug/kg	93	93	U	ug/kg	93	93	U	ug/kg	93
4,4-DDT	93	UJ	ug/kg	93	93	UJ	ug/kg	93	93	U	ug/kg	93	93	U	ug/kg	93
Methoxychlor	470	UJ	ug/kg	470	470	UJ	ug/kg	470	470	U	ug/kg	470	470	U	ug/kg	470
Endrin ketone	93	U	ug/kg	93	93	U	ug/kg	93	93	U	ug/kg	93	93	U	ug/kg	93
alpha-Chlordane	470	U	ug/kg	470	470	U	ug/kg	470	470	U	ug/kg	470	470	U	ug/kg	470
gamma-Chlordane	470	U	ug/kg	470	470	U	ug/kg	470	470	U	ug/kg	470	470	U	ug/kg	470
Toxaphene	930	U	ug/kg	930	930	U	ug/kg	930	930	U	ug/kg	930	930	U	ug/kg	930
Aroclor-1016	470	U	ug/kg	470	470	U	ug/kg	470	470	U	ug/kg	470	470	U	ug/kg	470
Aroclor-1221	470	U	ug/kg	470	470	U	ug/kg	470	470	U	ug/kg	470	470	U	ug/kg	470
Aroclor-1232	470	U	ug/kg	470	470	U	ug/kg	470	470	U	ug/kg	470	470	U	ug/kg	470
Aroclor-1242	470	U	ug/kg	470	470	U	ug/kg	470	470	U	ug/kg	470	470	U	ug/kg	470
Aroclor-1248	470	U	ug/kg	470	470	U	ug/kg	470	470	U	ug/kg	470	470	U	ug/kg	470
Aroclor-1254	930	U	ug/kg	930	930	U	ug/kg	930	930	U	ug/kg	930	930	U	ug/kg	930
Aroclor-1260	930	U	ug/kg	930	930	U	ug/kg	930	930	U	ug/kg	930	930	U	ug/kg	930

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WHITING FIELD ANALYTICAL RESULT REPORT
PESTICIDES AND PCBS ---- VALIDATED DATA

Lab Sample Number:	22514014				22514008				22516003				22516004			
Site	WHITING				WHITING				WHITING				WHITING			
Locator	17-SL-17				17-SL-17A				17-SL-21				17-SL-21A			
Collect Date:	16-AUG-92				16-AUG-92				19-AUG-92				19-AUG-92			
	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL
CLP PESTICIDES/PCBS 87-SOW																
alpha-BHC	9.6	U	ug/kg	9.6	9.6	U	ug/kg	9.6	19	U	ug/kg	19	19	U	ug/kg	19
beta-BHC	9.6	U	ug/kg	9.6	9.6	U	ug/kg	9.6	19	U	ug/kg	19	19	U	ug/kg	19
delta-BHC	9.6	U	ug/kg	9.6	9.6	U	ug/kg	9.6	19	U	ug/kg	19	19	U	ug/kg	19
gamma-BHC (Lindane)	9.6	U	ug/kg	9.6	9.6	U	ug/kg	9.6	19	U	ug/kg	19	19	U	ug/kg	19
Heptachlor	9.6	U	ug/kg	9.6	9.6	U	ug/kg	9.6	19	U	ug/kg	19	19	U	ug/kg	19
Aldrin	9.6	U	ug/kg	9.6	9.6	U	ug/kg	9.6	19	U	ug/kg	19	19	U	ug/kg	19
Heptachlor epoxide	9.6	U	ug/kg	9.6	9.6	U	ug/kg	9.6	19	U	ug/kg	19	19	U	ug/kg	19
Endosulfan I	9.6	U	ug/kg	9.6	9.6	U	ug/kg	9.6	19	U	ug/kg	19	19	U	ug/kg	19
Dieldrin	19	U	ug/kg	19	19	U	ug/kg	19	39	U	ug/kg	39	39	U	ug/kg	39
4,4-DDE	19	U	ug/kg	19	19	U	ug/kg	19	39	U	ug/kg	39	39	U	ug/kg	39
Endrin	19	U	ug/kg	19	19	U	ug/kg	19	39	U	ug/kg	39	39	U	ug/kg	39
Endosulfan II	19	U	ug/kg	19	19	U	ug/kg	19	39	U	ug/kg	39	39	U	ug/kg	39
4,4-DDD	19	U	ug/kg	19	19	U	ug/kg	19	39	U	ug/kg	39	39	U	ug/kg	39
Endosulfan sulfate	19	U	ug/kg	19	19	U	ug/kg	19	39	U	ug/kg	39	39	U	ug/kg	39
4,4-DDT	19	U	ug/kg	19	19	U	ug/kg	19	39	UJ	ug/kg	39	39	UJ	ug/kg	39
Methoxychlor	96	U	ug/kg	96	96	U	ug/kg	96	190	UJ	ug/kg	190	190	UJ	ug/kg	190
Endrin ketone	19	U	ug/kg	19	19	U	ug/kg	19	39	U	ug/kg	39	39	U	ug/kg	39
alpha-Chlordane	96	U	ug/kg	96	96	U	ug/kg	96	190	U	ug/kg	190	190	U	ug/kg	190
gamma-Chlordane	96	U	ug/kg	96	96	U	ug/kg	96	190	U	ug/kg	190	190	U	ug/kg	190
Toxaphene	190	U	ug/kg	190	190	U	ug/kg	190	390	U	ug/kg	390	390	U	ug/kg	390
Aroclor-1016	96	U	ug/kg	96	96	U	ug/kg	96	190	U	ug/kg	190	190	U	ug/kg	190
Aroclor-1221	96	U	ug/kg	96	96	U	ug/kg	96	190	U	ug/kg	190	190	U	ug/kg	190
Aroclor-1232	96	U	ug/kg	96	96	U	ug/kg	96	190	U	ug/kg	190	190	U	ug/kg	190
Aroclor-1242	96	U	ug/kg	96	96	U	ug/kg	96	190	U	ug/kg	190	190	U	ug/kg	190
Aroclor-1248	96	U	ug/kg	96	96	U	ug/kg	96	190	U	ug/kg	190	190	U	ug/kg	190
Aroclor-1254	190	U	ug/kg	190	190	U	ug/kg	190	390	U	ug/kg	390	390	U	ug/kg	390
Aroclor-1260	190	U	ug/kg	190	190	U	ug/kg	190	390	U	ug/kg	390	390	U	ug/kg	390

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WHITING FIELD ANALYTICAL RESULT REPORT
PESTICIDES AND PCBS ---- VALIDATED DATA

Lab Sample Number:	22516M03				22516D03				22514004			
Site	WHITING				WHITING				WHITING			
Locator	17-SL-21MS				17-SL-21MSD				17-SL-25			
Collect Date:	19-AUG-92				19-AUG-92				16-AUG-92			
	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL
CLP PESTICIDES/PCBS 87-SOW												
alpha-BHC	19	U	ug/kg	19	19	U	ug/kg	19	9.4	U	ug/kg	9.4
beta-BHC	19	U	ug/kg	19	19	U	ug/kg	19	9.4	U	ug/kg	9.4
delta-BHC	19	U	ug/kg	19	19	U	ug/kg	19	9.4	U	ug/kg	9.4
gamma-BHC (Lindane)	19	U	ug/kg	19	19	U	ug/kg	19	9.4	U	ug/kg	9.4
Heptachlor	19	U	ug/kg	19	19	U	ug/kg	19	9.4	U	ug/kg	9.4
Aldrin	19	U	ug/kg	19	19	U	ug/kg	19	9.4	U	ug/kg	9.4
Heptachlor epoxide	19	U	ug/kg	19	19	U	ug/kg	19	9.4	U	ug/kg	9.4
Endosulfan I	19	U	ug/kg	19	19	U	ug/kg	19	9.4	U	ug/kg	9.4
Dieldrin	39	U	ug/kg	39	39	U	ug/kg	39	19	U	ug/kg	19
4,4-DDE	39	U	ug/kg	39	39	U	ug/kg	39	19	U	ug/kg	19
Endrin	39	U	ug/kg	39	39	U	ug/kg	39	19	U	ug/kg	19
Endosulfan II	39	U	ug/kg	39	39	U	ug/kg	39	19	U	ug/kg	19
4,4-DDD	39	U	ug/kg	39	39	U	ug/kg	39	19	U	ug/kg	19
Endosulfan sulfate	39	U	ug/kg	39	39	U	ug/kg	39	19	U	ug/kg	19
4,4-DDT	39	U	ug/kg	39	39	U	ug/kg	39	19	U	ug/kg	19
Methoxychlor	190	U	ug/kg	190	190	U	ug/kg	190	94	U	ug/kg	94
Endrin ketone	39	U	ug/kg	39	39	U	ug/kg	39	19	U	ug/kg	19
alpha-Chlordane	190	U	ug/kg	190	190	U	ug/kg	190	94	U	ug/kg	94
gamma-Chlordane	190	U	ug/kg	190	190	U	ug/kg	190	94	U	ug/kg	94
Toxaphene	390	U	ug/kg	390	390	U	ug/kg	390	190	U	ug/kg	190
Aroclor-1016	190	U	ug/kg	190	190	U	ug/kg	190	94	U	ug/kg	94
Aroclor-1221	190	U	ug/kg	190	190	U	ug/kg	190	94	U	ug/kg	94
Aroclor-1232	190	U	ug/kg	190	190	U	ug/kg	190	94	U	ug/kg	94
Aroclor-1242	190	U	ug/kg	190	190	U	ug/kg	190	94	U	ug/kg	94
Aroclor-1248	190	U	ug/kg	190	190	U	ug/kg	190	94	U	ug/kg	94
Aroclor-1254	390	U	ug/kg	390	390	U	ug/kg	390	190	U	ug/kg	190
Aroclor-1260	390	U	ug/kg	390	390	U	ug/kg	390	190	U	ug/kg	190

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WHITING FIELD ANAL..ICAL RESULT REPORT
INORGANICS -- METALS ----- VALIDATED DATA

		22505001				22505002				22505003				22505004			
Lab Sample Number:		WHITING				WHITING				WHITING				WHITING			
Site		17-SL-01				17-SL-02				17-SL-03				17-SL-04			
Locator		15-AUG-92				15-AUG-92				15-AUG-92				15-AUG-92			
Collect Date:		VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL
CLP METALS AND CYANIDE	mg/kg																
Aluminum		9610		mg/kg	40	5950		mg/kg	40	5970		mg/kg	40	6310		mg/kg	40
Antimony		3.3	J	mg/kg	12	2.9	U	mg/kg	12	3.1	U	mg/kg	12	3.1	U	mg/kg	12
Arsenic		1.3	J	mg/kg	2	.72		mg/kg	2	.53	J	mg/kg	2	.7	J	mg/kg	2
Barium		11.8	J	mg/kg	40	9.1	J	mg/kg	40	11	J	mg/kg	40	9	J	mg/kg	40
Beryllium		.09	J	mg/kg	1	.07	J	mg/kg	1	.06	J	mg/kg	1	.06	U	mg/kg	1
Cadmium		1.8		mg/kg	1	1.6		mg/kg	1	1.7		mg/kg	1	.69	U	mg/kg	1
Calcium		279	J	mg/kg	1000	106	J	mg/kg	1000	94.9	J	mg/kg	1000	125	J	mg/kg	1000
Chromium		17.4		mg/kg	2	9.8		mg/kg	2	15.1		mg/kg	2	6.2		mg/kg	2
Cobalt		2.4	J	mg/kg	10	2	J	mg/kg	10	2	J	mg/kg	10	1.8	J	mg/kg	10
Copper		6.4	J	mg/kg	5	9.8		mg/kg	5	8.9		mg/kg	5	7.1		mg/kg	5
Iron		4920		mg/kg	20	3970		mg/kg	20	3120		mg/kg	20	3370		mg/kg	20
Lead		6.3		mg/kg	1	54.8		mg/kg	1	18.2		mg/kg	1	11.8		mg/kg	1
Magnesium		178	J	mg/kg	1000	114	J	mg/kg	1000	124	J	mg/kg	1000	125	J	mg/kg	1000
Manganese		198		mg/kg	3	34.4		mg/kg	3	17.1		mg/kg	3	28.2		mg/kg	3
Mercury		.08	U	mg/kg	.1	.06	U	mg/kg	.1	.08	U	mg/kg	.1	.1	U	mg/kg	.1
Nickel		4	J	mg/kg	8	5.2	J	mg/kg	8	2.8	J	mg/kg	8	3.8	J	mg/kg	8
Potassium		140	U	mg/kg	1000	252	J	mg/kg	1000	157	J	mg/kg	1000	198	J	mg/kg	1000
Selenium		.49	U	mg/kg	1	.49	U	mg/kg	1	.52	U	mg/kg	1	.53	U	mg/kg	1
Silver		.35	U	mg/kg	2	.35	U	mg/kg	2	.37	U	mg/kg	2	.38	U	mg/kg	2
Sodium		204	J	mg/kg	1000	245	J	mg/kg	1000	217	J	mg/kg	1000	157	J	mg/kg	1000
Thallium		.37	U	mg/kg	2	.37	U	mg/kg	2	.4	U	mg/kg	2	.4	U	mg/kg	2
Vanadium		13.7		mg/kg	10	7.9	J	mg/kg	10	8	J	mg/kg	10	8.7	J	mg/kg	10
Zinc		13.4	J	mg/kg	4	22.2		mg/kg	4	21.6		mg/kg	4	13	J	mg/kg	4
Cyanide		.26	U	mg/kg	1	.26	U	mg/kg	1	.28	U	mg/kg	1	.28	U	mg/kg	1

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WHITING FIELD ANAL..ICAL RESULT REPORT
INORGANICS -- METALS ----- VALIDATED DATA

		22505005				22505006				22505007				22505008			
Lab Sample Number:																	
Site		WHITING				WHITING				WHITING				WHITING			
Locator		17-SL-05				17-SL-06				17-SL-07				17-SL-08			
Collect Date:		15-AUG-92				15-AUG-92				15-AUG-92				15-AUG-92			
		VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL
CLP METALS AND CYANIDE	mg/kg																
Aluminum		4500		mg/kg	40	7560		mg/kg	40	29700		mg/kg	40	6380		mg/kg	40
Antimony		3	U	mg/kg	12	2.7	U	mg/kg	12	3	U	mg/kg	12	3.2	U	mg/kg	12
Arsenic		.29	J	mg/kg	2	.55	J	mg/kg	2	4.6		mg/kg	2	1.6	J	mg/kg	2
Barium		8.5	J	mg/kg	40	11.1	J	mg/kg	40	6.8	J	mg/kg	40	3.6	J	mg/kg	40
Beryllium		.06	U	mg/kg	1	.05	U	mg/kg	1	.16	J	mg/kg	1	.06	U	mg/kg	1
Cadmium		.76	J	mg/kg	1	6.8		mg/kg	1	.66	U	mg/kg	1	.7	U	mg/kg	1
Calcium		129	J	mg/kg	1000	208	J	mg/kg	1000	97.5	J	mg/kg	1000	111	J	mg/kg	1000
Chromium		4.1		mg/kg	2	19.2		mg/kg	2	26.9		mg/kg	2	6.4		mg/kg	2
Cobalt		1.5	J	mg/kg	10	1.8	J	mg/kg	10	2	J	mg/kg	10	1.1	J	mg/kg	10
Copper		5.1	J	mg/kg	5	44.2		mg/kg	5	9.8		mg/kg	5	6.1	J	mg/kg	5
Iron		2730		mg/kg	20	3430		mg/kg	20	23800		mg/kg	20	4550		mg/kg	20
Lead		7.7		mg/kg	1	70.1		mg/kg	1	6.8		mg/kg	1	4		mg/kg	1
Magnesium		93.3	J	mg/kg	1000	172	J	mg/kg	1000	106	J	mg/kg	1000	59.1	J	mg/kg	1000
Manganese		19.6		mg/kg	3	31.8		mg/kg	3	13.9		mg/kg	3	5.1		mg/kg	3
Mercury		.1	U	mg/kg	.1	.07	U	mg/kg	.1	.1	U	mg/kg	.1	.1	U	mg/kg	.1
Nickel		3.2	J	mg/kg	8	5.7	J	mg/kg	8	4.7	J	mg/kg	8	3.2	J	mg/kg	8
Potassium		147	U	mg/kg	1000	288	J	mg/kg	1000	145	U	mg/kg	1000	154	U	mg/kg	1000
Selenium		.51	U	mg/kg	1	.45	U	mg/kg	1	.5	U	mg/kg	1	.53	U	mg/kg	1
Silver		.36	U	mg/kg	2	.32	U	mg/kg	2	.36	U	mg/kg	2	.38	U	mg/kg	2
Sodium		209	J	mg/kg	1000	186	J	mg/kg	1000	279	J	mg/kg	1000	172	J	mg/kg	1000
Thallium		.39	U	mg/kg	2	.34	U	mg/kg	2	.38	U	mg/kg	2	.41	U	mg/kg	2
Vanadium		6.4	J	mg/kg	10	9.5	J	mg/kg	10	71.3		mg/kg	10	12.8		mg/kg	10
Zinc		7.3		mg/kg	4	69.1		mg/kg	4	11		mg/kg	4	8.7	J	mg/kg	4
Cyanide		.26	U	mg/kg	1	.24	U	mg/kg	1	.27	U	mg/kg	1	.28	U	mg/kg	1

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WHITING FIELD ANAL...ICAL RESULT REPORT
INORGANICS -- METALS ----- VALIDATED DATA

Lab Sample Number:	22505009				22505010				22520001				22520002			
Site	WHITING				WHITING				WHITING				WHITING			
Locator	17-SL-09				17-SL-10				17-SL-15				17-SL-16			
Collect Date:	15-AUG-92				15-AUG-92				15-AUG-92				15-AUG-92			
	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL
CLP METALS AND CYANIDE mg/kg																
Aluminum	5420		mg/kg	40	29900		mg/kg	40	16500		mg/kg	40	8400		mg/kg	40
Antimony	2.8	U	mg/kg	12	2.9	U	mg/kg	12	2.8	U	mg/kg	12	3	U	mg/kg	12
Arsenic	.81	J	mg/kg	2	3.1		mg/kg	2	3.4		mg/kg	2	1	J	mg/kg	2
Barium	8.3	J	mg/kg	40	12	J	mg/kg	40	17	J	mg/kg	40	145		mg/kg	40
Beryllium	.06	U	mg/kg	1	.07	J	mg/kg	1	.16	J	mg/kg	1	.08	J	mg/kg	1
Cadmium	1.2		mg/kg	1	.63	U	mg/kg	1	.87	J	mg/kg	1	13.9		mg/kg	1
Calcium	97	J	mg/kg	1000	199	J	mg/kg	1000	150	J	mg/kg	1000	357	J	mg/kg	1000
Chromium	4		mg/kg	2	24.7		mg/kg	2	16.5		mg/kg	2	64.7		mg/kg	2
Cobalt	1.3	J	mg/kg	10	.85	J	mg/kg	10	1.3	J	mg/kg	10	.98	J	mg/kg	10
Copper	2.4	J	mg/kg	5	6.4	J	mg/kg	5	7.3		mg/kg	5	128		mg/kg	5
Iron	3020		mg/kg	20	12300		mg/kg	20	10100		mg/kg	20	4270		mg/kg	20
Lead	3		mg/kg	1	4.3		mg/kg	1	9		mg/kg	1	207		mg/kg	1
Magnesium	106	J	mg/kg	1000	143	J	mg/kg	1000	183	J	mg/kg	1000	358	J	mg/kg	1000
Manganese	32.4		mg/kg	3	18		mg/kg	3	26.1		mg/kg	3	63.7		mg/kg	3
Mercury	.07	U	mg/kg	.1	.09	U	mg/kg	.1	.08	U	mg/kg	.1	.09	U	mg/kg	.1
Nickel	3.1	J	mg/kg	8	4.6	J	mg/kg	8	2.4	U	mg/kg	8	2.6	U	mg/kg	8
Potassium	137	U	mg/kg	1000	139	U	mg/kg	1000	248	J	mg/kg	1000	248	J	mg/kg	1000
Selenium	.47	U	mg/kg	1	.48	U	mg/kg	1	.48	U	mg/kg	1	.5	U	mg/kg	1
Silver	.34	U	mg/kg	2	.34	U	mg/kg	2	.34	U	mg/kg	2	.36	U	mg/kg	2
Sodium	186	J	mg/kg	1000	184	J	mg/kg	1000	209	J	mg/kg	1000	198	J	mg/kg	1000
Thallium	.36	U	mg/kg	2	.37	U	mg/kg	2	.36	U	mg/kg	2	.38	U	mg/kg	2
Vanadium	7.6	J	mg/kg	10	37		mg/kg	10	25		mg/kg	10	10.3	J	mg/kg	10
Zinc	7.2	J	mg/kg	4	8.9	J	mg/kg	4	10.2		mg/kg	4	179		mg/kg	4
Cyanide	.25	U	mg/kg	1	.26	U	mg/kg	1	.25	U	mg/kg	1	.27	U	mg/kg	1

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WHITING FIELD ANAL...ICAL RESULT REPORT
INORGANICS -- METALS ----- VALIDATED DATA

		Lab Sample Number:	22520004			22520003			22520005			22520006		
		Site	WHITING			WHITING			WHITING			WHITING		
		Locator	17-SL-18			17-SL-19			17-SL-29			17-SL-30		
		Collect Date:	15-AUG-92			15-AUG-92			15-AUG-92			15-AUG-92		
		VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL
CLP METALS AND CYANIDE	mg/kg																
Aluminum		11700		mg/kg	40	27900		mg/kg	40	14500		mg/kg	40	20000		mg/kg	40
Antimony		3	U	mg/kg	12	3	U	mg/kg	12	2.9	U	mg/kg	12	2.7	U	mg/kg	12
Arsenic		1.8	J	mg/kg	2	5.9		mg/kg	2	1.8	J	mg/kg	2	3.1		mg/kg	2
Barium		17	J	mg/kg	40	22.6	J	mg/kg	40	27.9	J	mg/kg	40	8.3	J	mg/kg	40
Beryllium		.12	J	mg/kg	1	.22	J	mg/kg	1	.17	J	mg/kg	1	.16	J	mg/kg	1
Cadmium		.66	U	mg/kg	1	.65	U	mg/kg	1	7.4		mg/kg	1	.59	U	mg/kg	1
Calcium		123	J	mg/kg	1000	262	J	mg/kg	1000	532	J	mg/kg	1000	151	J	mg/kg	1000
Chromium		8.9		mg/kg	2	21.6		mg/kg	2	82.1		mg/kg	2	15		mg/kg	2
Cobalt		1.1	J	mg/kg	10	1.4	J	mg/kg	10	1.8	J	mg/kg	10	1.3	J	mg/kg	10
Copper		10		mg/kg	5	18.1		mg/kg	5	139		mg/kg	5	5.1	J	mg/kg	5
Iron		5780		mg/kg	2	13500		mg/kg	20	6980		mg/kg	20	10900		mg/kg	20
Lead		9.7		mg/kg	1	64.7		mg/kg	1	19.9		mg/kg	1	8.6		mg/kg	1
Magnesium		175	J	mg/kg	1000	238	J	mg/kg	1000	302	J	mg/kg	1000	97.4	J	mg/kg	1000
Manganese		20		mg/kg	3	30		mg/kg	3	194		mg/kg	3	27.3		mg/kg	3
Mercury		.07	U	mg/kg	.1	.07	U	mg/kg	.1	.09	U	mg/kg	.1	.08	U	mg/kg	.1
Nickel		5.2	J	mg/kg	8	3.5	J	mg/kg	8	4	J	mg/kg	8	2.3	U	mg/kg	8
Potassium		196	J	mg/kg	1000	875	J	mg/kg	1000	153	J	mg/kg	1000	184	J	mg/kg	1000
Selenium		.51	U	mg/kg	1	.5	U	mg/kg	1	.49	U	mg/kg	1	.45	U	mg/kg	1
Silver		.36	U	mg/kg	2	.36	U	mg/kg	2	.35	U	mg/kg	2	.32	U	mg/kg	2
Sodium		178	J	mg/kg	1000	193	J	mg/kg	1000	179	J	mg/kg	1000	186	J	mg/kg	1000
Thallium		.38	U	mg/kg	2	.38	U	mg/kg	2	.37	U	mg/kg	2	.34	U	mg/kg	2
Vanadium		15.2		mg/kg	10	37.8		mg/kg	10	19.6		mg/kg	10	33		mg/kg	10
Zinc		11.1		mg/kg	4	21.9		mg/kg	4	54.6		mg/kg	4	11.1		mg/kg	4
Cyanide		.27	U	mg/kg	1	.26	U	mg/kg	1	.26	U	mg/kg	1	.24	U	mg/kg	1

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WHITING FIELD ANAL...CAL RESULT REPORT
INORGANICS -- METALS ----- VALIDATED DATA

		22520007				22520008				22520009				22520010			
Lab Sample Number:																	
Site		WHITING				WHITING				WHITING				WHITING			
Locator		17-SL-31				17-SL-32				17-SL-33				17-SL-34			
Collect Date:		15-AUG-92				15-AUG-92				15-AUG-92				15-AUG-92			
		VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL
CLP METALS AND CYANIDE	mg/kg																
Aluminum		7130		mg/kg	40	8510		mg/kg	40	26200		mg/kg	40	17700		mg/kg	40
Antimony		10.3	J	mg/kg	12	2.8	U	mg/kg	12	2.8	U	mg/kg	12	2.7	U	mg/kg	12
Arsenic		1.1	J	mg/kg	2	2	J	mg/kg	2	5		mg/kg	2	1.8	J	mg/kg	2
Barium		26.3	J	mg/kg	40	19.9	J	mg/kg	40	14.8	J	mg/kg	40	14.5	J	mg/kg	40
Beryllium		.08	J	mg/kg	1	.06	U	mg/kg	1	.21	J	mg/kg	1	.19	J	mg/kg	1
Cadmium		1.8		mg/kg	1	.62	U	mg/kg	1	.61	U	mg/kg	1	.6	U	mg/kg	1
Calcium		280	J	mg/kg	1000	340	J	mg/kg	1000	439	J	mg/kg	1000	411	J	mg/kg	1000
Chromium		15.7		mg/kg	2	12.6		mg/kg	2	17.9		mg/kg	2	12.4		mg/kg	2
Cobalt		.67	J	mg/kg	10	.59	J	mg/kg	10	1.3	J	mg/kg	10	1.5	J	mg/kg	10
Copper		14.5		mg/kg	5	8.7		mg/kg	5	11.9		mg/kg	5	7		mg/kg	5
Iron		3900		mg/kg	20	4930		mg/kg	20	13900		mg/kg	20	9180		mg/kg	20
Lead		98		mg/kg	1	25.9		mg/kg	1	59.6		mg/kg	1	8.7		mg/kg	1
Magnesium		95.1	J	mg/kg	1000	123	J	mg/kg	1000	194	J	mg/kg	1000	140	J	mg/kg	1000
Manganese		17.9		mg/kg	3	35.7		mg/kg	3	80.1		mg/kg	3	187		mg/kg	3
Mercury		.08	U	mg/kg	.1	.08	U	mg/kg	.1	.07	U	mg/kg	.1	.08	U	mg/kg	.1
Nickel		2.8	U	mg/kg	8	2.4	U	mg/kg	8	4.6	J	mg/kg	8	2.9	J	mg/kg	8
Potassium		155	U	mg/kg	1000	155	J	mg/kg	1000	134	U	mg/kg	1000	131	U	mg/kg	1000
Selenium		.54	U	mg/kg	1	.47	U	mg/kg	1	.46	U	mg/kg	1	.46	U	mg/kg	1
Silver		.38	U	mg/kg	2	.34	U	mg/kg	2	.33	U	mg/kg	2	.33	U	mg/kg	2
Sodium		206	J	mg/kg	1000	133	J	mg/kg	1000	136	J	mg/kg	1000	151	J	mg/kg	1000
Thallium		.41	U	mg/kg	2	.36	U	mg/kg	2	.35	U	mg/kg	2	.35	U	mg/kg	2
Vanadium		10.8	J	mg/kg	10	14.1		mg/kg	10	39.4		mg/kg	10	24.8		mg/kg	10
Zinc		43		mg/kg	4	20.5		mg/kg	4	19.7		mg/kg	4	10.1		mg/kg	4
Cyanide		.28	U	mg/kg	1	.25	U	mg/kg	1	.25	U	mg/kg	1	.24	U	mg/kg	1

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WHITING FIELD ANAL...CAL RESULT REPORT
INORGANICS -- METALS ----- VALIDATED DATA

		22516001				22516002				22514011				22514012			
Lab Sample Number:																	
Site		WHITING				WHITING				WHITING				WHITING			
Locator		17-SL-11				17-SL-11A				17-SL-12				17-SL-13			
Collect Date:		16-AUG-92				16-AUG-92				16-AUG-92				16-AUG-92			
		VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL
CLP METALS AND CYANIDE	mg/kg																
Aluminum		7190		mg/kg	40	7390		mg/kg	40	5410		mg/kg	40	7340		mg/kg	40
Antimony		3	U	mg/kg	12	3	UJ	mg/kg	12	2.9	U	mg/kg	12	3	U	mg/kg	12
Arsenic		1.5	UJ	mg/kg	2	1.6	UJ	mg/kg	2	.84	J	mg/kg	2	1.2	J	mg/kg	2
Barium		24	J	mg/kg	40	10.6	J	mg/kg	40	26.9	J	mg/kg	40	20.7	J	mg/kg	40
Beryllium		.06	U	mg/kg	1	.1	J	mg/kg	1	.06	UJ	mg/kg	1	.06	UJ	mg/kg	1
Cadmium		.67	UJ	mg/kg	1	.66	UJ	mg/kg	1	.65	U	mg/kg	1	1.1	J	mg/kg	1
Calcium		312	UJ	mg/kg	1000	520	UJ	mg/kg	1000	136	J	mg/kg	1000	415	J	mg/kg	1000
Chromium		12	J	mg/kg	2	16.1	J	mg/kg	2	6		mg/kg	2	12.9		mg/kg	2
Cobalt		2	UJ	mg/kg	10	4.7	UJ	mg/kg	10	.37	U	mg/kg	10	1	J	mg/kg	10
Copper		24.3	J	mg/kg	5	44.9	J	mg/kg	5	9.2		mg/kg	5	15.9		mg/kg	5
Iron		10100		mg/kg	20	21000		mg/kg	20	2870		mg/kg	20	4640		mg/kg	20
Lead		156		mg/kg	1	136		mg/kg	1	36.1		mg/kg	1	95.4		mg/kg	1
Magnesium		180	J	mg/kg	1000	205	J	mg/kg	1000	80.8	J	mg/kg	1000	148	J	mg/kg	1000
Manganese		56.1	J	mg/kg	3	117	J	mg/kg	3	11		mg/kg	3	50.4		mg/kg	3
Mercury		.08	UJ	mg/kg	.1	.12	UJ	mg/kg	.1	.04	U	mg/kg	.1	.04	U	mg/kg	.1
Nickel		8.5	J	mg/kg	8	14.7		mg/kg	8	2.5	U	mg/kg	8	2.6	U	mg/kg	8
Potassium		264	J	mg/kg	1000	277	J	mg/kg	1000	185	J	mg/kg	1000	384	J	mg/kg	1000
Selenium		.51	U	mg/kg	1	.5	UJ	mg/kg	1	.5	U	mg/kg	1	.51	U	mg/kg	1
Silver		.36	U	mg/kg	2	.36	U	mg/kg	2	.35	U	mg/kg	2	.47	J	mg/kg	2
Sodium		211	UJ	mg/kg	1000	191	UJ	mg/kg	1000	157	J	mg/kg	1000	167	J	mg/kg	1000
Thallium		.39	U	mg/kg	2	.38	UJ	mg/kg	2	.38	U	mg/kg	2	.39	U	mg/kg	2
Vanadium		9.2	J	mg/kg	10	9.3	J	mg/kg	10	8.4	J	mg/kg	10	10	J	mg/kg	10
Zinc		74.1	J	mg/kg	4	96.2	J	mg/kg	4	18.8		mg/kg	4	56.4		mg/kg	4
Cyanide		.27	U	mg/kg	1	.27	U	mg/kg	1	.26	U	mg/kg	1	.27	U	mg/kg	1

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WHITING FIELD ANAL..ICAL RESULT REPORT
INORGANICS -- METALS ----- VALIDATED DATA

		22514013				22514014				22514015				22516003			
Lab Sample Number:																	
Site		WHITING				WHITING				WHITING				WHITING			
Locator		17-SL-14				17-SL-17				17-SL-20				17-SL-21			
Collect Date:		16-AUG-92				16-AUG-92				16-AUG-92				16-AUG-92			
		VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL
CLP METALS AND CYANIDE	mg/kg																
Aluminum		5750		mg/kg	40	12000		mg/kg	40	23800		mg/kg	40	21400		mg/kg	40
Antimony		3.1	U	mg/kg	12	3	U	mg/kg	12	3	U	mg/kg	12	5.1	J	mg/kg	12
Arsenic		1.1	J	mg/kg	2	1.6	J	mg/kg	2	2.2	J	mg/kg	2	2.8		mg/kg	2
Barium		11.8	J	mg/kg	40	9.6	J	mg/kg	40	49.5		mg/kg	40	91.2		mg/kg	40
Beryllium		.06	UJ	mg/kg	1	.08	J	mg/kg	1	.09	J	mg/kg	1	.21	J	mg/kg	1
Cadmium		.68	U	mg/kg	1	.66	U	mg/kg	1	8.4		mg/kg	1	22.4	J	mg/kg	1
Calcium		107	J	mg/kg	1000	197	J	mg/kg	1000	253	J	mg/kg	1000	359	UJ	mg/kg	1000
Chromium		5.4		mg/kg	2	10.1		mg/kg	2	40		mg/kg	2	58.1	J	mg/kg	2
Cobalt		.38	U	mg/kg	10	.86	J	mg/kg	10	1.5	J	mg/kg	10	3.6	UJ	mg/kg	10
Copper		22.3		mg/kg	5	10.3		mg/kg	5	124		mg/kg	5	75.6	J	mg/kg	5
Iron		2550		mg/kg	20	5900		mg/kg	20	11500		mg/kg	20	11900		mg/kg	20
Lead		15.7		mg/kg	1	56.9		mg/kg	1	79.9		mg/kg	1	80.8		mg/kg	1
Magnesium		105	J	mg/kg	1000	121	J	mg/kg	1000	267	J	mg/kg	1000	484	J	mg/kg	1000
Manganese		10		mg/kg	3	18.3		mg/kg	3	42.5		mg/kg	3	93.3		mg/kg	3
Mercury		.04	U	mg/kg	.1	.04	U	mg/kg	.1	.04	U	mg/kg	.1	.15	UJ	mg/kg	.1
Nickel		2.6	U	mg/kg	8	2.6	U	mg/kg	8	3.2	J	mg/kg	8	8.8	J	mg/kg	8
Potassium		197	J	mg/kg	1000	397	J	mg/kg	1000	460	J	mg/kg	1000	805	J	mg/kg	1000
Selenium		.52	U	mg/kg	1	.5	U	mg/kg	1	.5	U	mg/kg	1	.51	UJ	mg/kg	1
Silver		.44	J	mg/kg	2	.36	U	mg/kg	2	.5	J	mg/kg	2	.36	U	mg/kg	2
Sodium		199	J	mg/kg	1000	257	J	mg/kg	1000	157	J	mg/kg	1000	209	UJ	mg/kg	1000
Thallium		.39	U	mg/kg	2	.38	U	mg/kg	2	.38	U	mg/kg	2	.39	U	mg/kg	2
Vanadium		8.4	J	mg/kg	10	16.1		mg/kg	10	30.8		mg/kg	10	30.7		mg/kg	10
Zinc		20.7		mg/kg	4	13.8		mg/kg	4	73		mg/kg	4	131	J	mg/kg	4
Cyanide		.27	U	mg/kg	1	.27	U	mg/kg	1	.26	U	mg/kg	1	.27	U	mg/kg	1

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WHITING FIELD ANAL..ICAL RESULT REPORT
INORGANICS -- METALS ----- VALIDATED DATA

		22516004				22514001				22514002				22514003		
Lab Sample Number:																
Site		WHITING				WHITING				WHITING				WHITING		
Locator		17-SL-21A				17-SL-22				17-SL-23				17-SL-24		
Collect Date:		16-AUG-92				16-AUG-92				16-AUG-92				16-AUG-92		
		VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL
CLP METALS AND CYANIDE	mg/kg																
Aluminum		24800		mg/kg	40	19200		mg/kg	40	17200		mg/kg	40	20900		mg/kg	40
Antimony		3.1	J	mg/kg	12	2.9	U	mg/kg	12	2.9	U	mg/kg	12	3	U	mg/kg	12
Arsenic		3.1		mg/kg	2	3.7		mg/kg	2	2.1	J	mg/kg	2	3.8		mg/kg	2
Barium		168		mg/kg	40	37.9	J	mg/kg	40	34.8	J	mg/kg	40	46.7	J	mg/kg	40
Beryllium		.2	J	mg/kg	1	.15	J	mg/kg	1	.06	J	mg/kg	1	.16	J	mg/kg	1
Cadmium		30.6	J	mg/kg	1	.64	U	mg/kg	1	.64	U	mg/kg	1	2.8		mg/kg	1
Calcium		328	UJ	mg/kg	1000	270	J	mg/kg	1000	333	J	mg/kg	1000	518	J	mg/kg	1000
Chromium		64.1	J	mg/kg	2	18.5		mg/kg	2	18.7		mg/kg	2	30.3		mg/kg	2
Cobalt		2.7	UJ	mg/kg	10	1.8	J	mg/kg	10	1.8	J	mg/kg	10	2.1	J	mg/kg	10
Copper		235	J	mg/kg	5	18.2		mg/kg	5	218		mg/kg	5	14.1		mg/kg	5
Iron		11300		mg/kg	20	11700		mg/kg	20	7520		mg/kg	20	11200		mg/kg	20
Lead		117		mg/kg	1	31.7		mg/kg	1	87.2		mg/kg	1	48.4		mg/kg	1
Magnesium		520	J	mg/kg	1000	256	J	mg/kg	1000	378	J	mg/kg	1000	461	J	mg/kg	1000
Manganese		117	J	mg/kg	3	94.4		mg/kg	3	144		mg/kg	3	95.4		mg/kg	3
Mercury		.03	U	mg/kg	.1	.04	U	mg/kg	.1	.04	U	mg/kg	.1	.04	U	mg/kg	.1
Nickel		8.8	J	mg/kg	8	3.1	J	mg/kg	8	2.5	U	mg/kg	8	4.9	J	mg/kg	8
Potassium		816	J	mg/kg	1000	1090	J	mg/kg	1000	1350		mg/kg	1000	641	J	mg/kg	1000
Selenium		.52	UJ	mg/kg	1	.49	U	mg/kg	1	.49	U	mg/kg	1	.5	U	mg/kg	1
Silver		.53	J	mg/kg	2	.35	U	mg/kg	2	.35	U	mg/kg	2	.36	U	mg/kg	2
Sodium		187	UJ	mg/kg	1000	162	J	mg/kg	1000	181	J	mg/kg	1000	167	J	mg/kg	1000
Thallium		.4	U	mg/kg	2	.37	U	mg/kg	2	.37	U	mg/kg	2	.38	U	mg/kg	2
Vanadium		30.9		mg/kg	10	31.7		mg/kg	10	20.1		mg/kg	10	30.9		mg/kg	10
Zinc		158	J	mg/kg	4	25.1		mg/kg	4	35.5		mg/kg	4	52.8		mg/kg	4
Cyanide		.28	U	mg/kg	1	.26	U	mg/kg	1	.26	U	mg/kg	1	.26	U	mg/kg	1

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AR01 - Trend Report
TCLP VOLATILES AND METALS ---- VALIDATED DATA

Lab Sample Number:	22505002TC				TC22505002				22505007TC				TC22505007			
Site	WHITING				WHITING				WHITING				WHITING			
Locator	17-SL-02TCLP				17-SL-02TCLP				17-SL-07TCLP				17-SL-07TCLP			
Collect Date:	15-AUG-92				15-AUG-92				15-AUG-92				15-AUG-92			
	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL
CLP METALS TCLP																
Arsenic	-				25.3	U	ug/l	10	-				25.3	U	ug/l	10
Barium	-				740		ug/l	200	-				724		ug/l	200
Cadmium	-				27.7		ug/l	5	-				2.7	U	ug/l	5
Chromium	-				1.9	U	ug/l	10	-				2.3	J	ug/l	10
Lead	-				430		ug/l	5	-				11.8	U	ug/l	5
Mercury	-				.16	U	ug/l	.2	-				.16	U	ug/l	.2
Selenium	-				31.3	U	ug/l	5	-				31.3	U	ug/l	5
Silver	-				1.5	UJ	ug/l	10	-				1.5	U	ug/l	10
VOLATILE TCLP COMPOUNDS																
Vinyl Chloride	50	U	ug/l	50	-				50	U	ug/l	50	-			
1,1-Dichloroethene	25	U	ug/l	25	-				25	U	ug/l	25	-			
Chloroform	25	U	ug/l	25	-				25	U	ug/l	25	-			
1,2-Dichloroethane	25	U	ug/l	25	-				25	U	ug/l	25	-			
2-Butanone	50	U	ug/l	50	-				50	U	ug/l	50	-			
Carbon Tetrachloride	25	U	ug/l	25	-				25	U	ug/l	25	-			
Trichloroethene	25	U	ug/l	25	-				25	U	ug/l	25	-			
Benzene	25	U	ug/l	25	-				25	U	ug/l	25	-			
Tetrachloroethene	25	U	ug/l	25	-				25	U	ug/l	25	-			
Chlorobenzene	25	U	ug/l	25	-				25	U	ug/l	25	-			

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AR01 - Trend Report
TCLP VOLATILES AND METALS ---- VALIDATED DATA

Lab Sample Number:	22505009TC				TC22505009				22520001TC				22516001TC			
Site	WHITING				WHITING				WHITING				WHITING			
Locator	17-SL-09TCLP				17-SL-09TCLP				17-SL-15TCLP				17-SL-11TCLP			
Collect Date:	15-AUG-92				15-AUG-92				15-AUG-92				16-AUG-92			
	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL
CLP METALS TCLP																
Arsenic	-				25.3	U	ug/l	10	25.3	U	ug/l	10	25.3	UJ	ug/l	10
Barium	-				618		ug/l	200	966		ug/l	200	980		ug/l	200
Cadmium	-				2.7	U	ug/l	5	3.6	J	ug/l	5	5.6		ug/l	5
Chromium	-				1.9	U	ug/l	10	1.9	U	ug/l	10	2.4	J	ug/l	10
Lead	-				11.8	U	ug/l	5	11.8	U	ug/l	3	1780		ug/l	5
Mercury	-				.16	U	ug/l	.2	.16	U	ug/l	.2	.12	UJ	ug/l	.2
Selenium	-				31.3	U	ug/l	5	31.3	U	ug/l	5	31.3	U	ug/l	5
Silver	-				1.5	UJ	ug/l	10	1.5	U	ug/l	10	1.5	U	ug/l	10
VOLATILE TCLP COMPOUNDS																
Vinyl Chloride	50	U	ug/l	50	-				50	U	ug/l	50	50	U	ug/l	50
1,1-Dichloroethene	25	U	ug/l	25	-				25	U	ug/l	25	25	U	ug/l	25
Chloroform	25	U	ug/l	25	-				25	U	ug/l	25	25	U	ug/l	25
1,2-Dichloroethane	25	U	ug/l	25	-				25	U	ug/l	25	25	U	ug/l	25
2-Butanone	50	U	ug/l	50	-				50	U	ug/l	50	50	U	ug/l	50
Carbon Tetrachloride	25	U	ug/l	25	-				25	U	ug/l	25	25	U	ug/l	25
Trichloroethene	25	U	ug/l	25	-				25	U	ug/l	25	25	U	ug/l	25
Benzene	25	U	ug/l	25	-				25	U	ug/l	25	25	U	ug/l	25
Tetrachloroethene	25	U	ug/l	25	-				25	U	ug/l	25	25	U	ug/l	25
Chlorobenzene	25	U	ug/l	25	-				25	U	ug/l	25	25	U	ug/l	25

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AR01 - Trend Report
TCLP VOLATILES AND METALS ---- VALIDATED DATA

	22514014TC				22516003TC				22514004TC			
Lab Sample Number:												
Site	WHITING				WHITING				WHITING			
Locator	17-SL-17TCLP				17-SL-21TCLP				17-SL-25TCLP			
Collect Date:	16-AUG-92				16-AUG-92				16-AUG-92			
	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL
CLP METALS TCLP												
Arsenic	25.3	U	ug/l	10	25.3	UJ	ug/l	10	25.3	U	ug/l	10
Barium	1130		ug/l	200	1350		ug/l	200	1100		ug/l	200
Cadmium	12.3		ug/l	5	136		ug/l	5	14.9		ug/l	5
Chromium	2.7	J	ug/l	10	3.1	J	ug/l	10	3.1	J	ug/l	10
Lead	366		ug/l	5	488		ug/l	5	79.3		ug/l	5
Mercury	.19	J	ug/l	.2	.39	UJ	ug/l	.2	.14	J	ug/l	.2
Selenium	31.3	U	ug/l	5	31.3	U	ug/l	5	31.3	U	ug/l	5
Silver	1.5	U	ug/l	10	1.5	U	ug/l	10	1.5	U	ug/l	10
VOLATILE TCLP COMPOUNDS												
Vinyl Chloride	50	U	ug/l	50	50	U	ug/l	50	50	U	ug/l	50
1,1-Dichloroethene	25	U	ug/l	25	25	U	ug/l	25	25	U	ug/l	25
Chloroform	25	U	ug/l	25	25	U	ug/l	25	25	U	ug/l	25
1,2-Dichloroethane	25	U	ug/l	25	25	U	ug/l	25	25	U	ug/l	25
2-Butanone	50	U	ug/l	50	50	U	ug/l	50	50	U	ug/l	50
Carbon Tetrachloride	25	U	ug/l	25	25	U	ug/l	25	25	U	ug/l	25
Trichloroethene	25	U	ug/l	25	25	U	ug/l	25	25	U	ug/l	25
Benzene	25	U	ug/l	25	25	U	ug/l	25	25	U	ug/l	25
Tetrachloroethene	25	U	ug/l	25	25	U	ug/l	25	25	U	ug/l	25
Chlorobenzene	25	U	ug/l	25	25	U	ug/l	25	25	U	ug/l	25

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WHITING FIELD ANALYTICAL RESULT REPORT
TOTAL PETROLEUM HYDROCARBON ---- VALIDATED DATA

Lab Sample Number:		22505001				22505002				22505003				22505004	
Site		WHITING				WHITING				WHITING				WHITING	
Locator		17-SL-01				17-SL-02				17-SL-03				17-SL-04	
Collect Date:		15-AUG-92				15-AUG-92				15-AUG-92				15-AUG-92	
	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL
TOTAL PETROLEUM HYDROCARBON																
Total petroleum hydrocarbon	1.9	U	mg/kg	1.9	616		mg/kg		81.6		mg/kg		19		mg/kg	

U= NOT DETECTED J= ESTIMATED VALUE
UJ = REPORTED QUANTITATION LIMIT IS QUALIFIED AS ESTIMATED
R = RESULT IS REJECTED AND UNUSABLE

WHITING FIELD ANALYTICAL RESULT REPORT
TOTAL PETROLEUM HYDROCARBON ---- VALIDATED DATA

Lab Sample Number:	22505005				22505006				22505007				22505008	
Site	WHITING				WHITING				WHITING				WHITING	
Locator	17-SL-05				17-SL-06				17-SL-07				17-SL-08	
Collect Date:	15-AUG-92				15-AUG-92				15-AUG-92				15-AUG-92	
	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL UNITS DL
TOTAL PETROLEUM HYDROCARBON														
Total petroleum hydrocarbon	1.8	U	mg/kg	1.8	19300		mg/kg		2	U	mg/kg	2	2.5	mg/kg

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WHITING FIELD ANALYTICAL RESULT REPORT
TOTAL PETROLEUM HYDROCARBON ---- VALIDATED DATA

Lab Sample Number:		22505009				22505010				22520001				22520002	
Site		WHITING				WHITING				WHITING				WHITING	
Locator		17-SL-09				17-SL-10				17-SL-15				17-SL-16	
Collect Date:		15-AUG-92				15-AUG-92				15-AUG-92				15-AUG-92	
	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL
TOTAL PETROLEUM HYDROCARBON																
Total petroleum hydrocarbon	2.3		mg/kg		4.2		mg/kg		3.2		mg/kg		410		mg/kg	

U= NOT DETECTED J= ESTIMATED VALUE
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WHITING FIELD ANALYTICAL RESULT REPORT
TOTAL PETROLEUM HYDROCARBON ---- VALIDATED DATA

Lab Sample Number:	22520004			22520003			22520005			22520006		
Site	WHITING			WHITING			WHITING			WHITING		
Locator	17-SL-18			17-SL-19			17-SL-29			17-SL-30		
Collect Date:	15-AUG-92			15-AUG-92			15-AUG-92			15-AUG-92		
	VALUE	QUAL UNITS	DL	VALUE	QUAL UNITS	DL	VALUE	QUAL UNITS	DL	VALUE	QUAL UNITS	DL
TOTAL PETROLEUM HYDROCARBON												
Total petroleum hydrocarbon	33.3	mg/kg		7510	mg/kg		14.4	mg/kg		5.6	mg/kg	

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WHITING FIELD ANALYTICAL RESULT REPORT
TOTAL PETROLEUM HYDROCARBON ---- VALIDATED DATA

Lab Sample Number:	22520007			22520008			22520009			22520010		
Site	WHITING			WHITING			WHITING			WHITING		
Locator	17-SL-31			17-SL-32			17-SL-33			17-SL-34		
Collect Date:	15-AUG-92			15-AUG-92			15-AUG-92			15-AUG-92		
	VALUE	QUAL UNITS	DL	VALUE	QUAL UNITS	DL	VALUE	QUAL UNITS	DL	VALUE	QUAL UNITS	DL
TOTAL PETROLEUM HYDROCARBON												
Total petroleum hydrocarbon	208	mg/kg		1.9 U	mg/kg	1.9	563	mg/kg		13.2	mg/kg	

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WHITING FIELD ANALYTICAL RESULT REPORT
TOTAL PETROLEUM HYDROCARBON ---- VALIDATED DATA

Lab Sample Number:	22516001			22516002			22514011			22514012		
Site	WHITING			WHITING			WHITING			WHITING		
Locator	17-SL-11			17-SL-11A			17-SL-12			17-SL-13		
Collect Date:	16-AUG-92			16-AUG-92			16-AUG-92			16-AUG-92		
	VALUE	QUAL UNITS	DL	VALUE	QUAL UNITS	DL	VALUE	QUAL UNITS	DL	VALUE	QUAL UNITS	DL
TOTAL PETROLEUM HYDROCARBON												
Total petroleum hydrocarbon	7690	mg/kg		7840	mg/kg		11700	mg/kg		9720	mg/kg	

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WHITING FIELD ANALYTICAL RESULT REPORT
TOTAL PETROLEUM HYDROCARBON ---- VALIDATED DATA

Lab Sample Number:	22514013			22514014			22514008			22514015		
Site	WHITING			WHITING			WHITING			WHITING		
Locator	17-SL-14			17-SL-17			17-SL-17A			17-SL-20		
Collect Date:	16-AUG-92			16-AUG-92			16-AUG-92			16-AUG-92		
	VALUE	QUAL UNITS	DL	VALUE	QUAL UNITS	DL	VALUE	QUAL UNITS	DL	VALUE	QUAL UNITS	DL
TOTAL PETROLEUM HYDROCARBON												
Total petroleum hydrocarbon	6790	mg/kg		768	mg/kg		647	mg/kg		949	mg/kg	

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WHITING FIELD ANALYTICAL RESULT REPORT
TOTAL PETROLEUM HYDROCARBON ---- VALIDATED DATA

Lab Sample Number:	22516003			22516004			22514001			22514002		
Site	WHITING			WHITING			WHITING			WHITING		
Locator	17-SL-21			17-SL-21A			17-SL-22			17-SL-23		
Collect Date:	16-AUG-92			16-AUG-92			16-AUG-92			16-AUG-92		
	VALUE	QUAL UNITS	DL	VALUE	QUAL UNITS	DL	VALUE	QUAL UNITS	DL	VALUE	QUAL UNITS	DL
TOTAL PETROLEUM HYDROCARBON												
Total petroleum hydrocarbon	8180	mg/kg		8550	mg/kg		1040	mg/kg		5540	mg/kg	

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WHITING FIELD ANALYTICAL RESULT REPORT
TOTAL PETROLEUM HYDROCARBON ---- VALIDATED DATA

Lab Sample Number:	22514003			22514004			22514005			22514006		
Site	WHITING			WHITING			WHITING			WHITING		
Locator	17-SL-24			17-SL-25			17-SL-26			17-SL-27		
Collect Date:	16-AUG-92			16-AUG-92			16-AUG-92			16-AUG-92		
	VALUE	QUAL UNITS	DL	VALUE	QUAL UNITS	DL	VALUE	QUAL UNITS	DL	VALUE	QUAL UNITS	DL
TOTAL PETROLEUM HYDROCARBON												
Total petroleum hydrocarbon	2340	mg/kg		160	mg/kg		208	mg/kg		2820	mg/kg	

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WHITING FIELD ANALYTICAL RESULT REPORT
TOTAL PETROLEUM HYDROCARBON ---- VALIDATED DATA

Lab Sample Number:	22514007
Site	WHITING
Locator	17-SL-28
Collect Date:	16-AUG-92

	VALUE	QUAL	UNITS	DL
TOTAL PETROLEUM HYDROCARBON				
Total petroleum hydrocarbon	5940		mg/kg	

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SITE 18

WHITING FIELD ANALYTICAL RESULT REPORT
VOLATILE ORGANICS ---- SITE 18 ---- VALIDATD DATA

	22481001				22481002				22481M01				22481D01			
Lab Sample Number:																
Site	WHITING				WHITING				WHITING				WHITING			
Locator	18-SL-01				18-SL-01A				18-SL-01MS				18-SL-01MSD			
Collect Date:	12-AUG-92				12-AUG-92				12-AUG-92				12-AUG-92			
	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL
CLP VOLATILES 87-SOW																
Chloromethane	11	U	ug/kg	11	12	U	ug/kg	12	11	U	ug/kg	11	11	U	ug/kg	11
Bromomethane	11	U	ug/kg	11	12	U	ug/kg	12	11	U	ug/kg	11	11	U	ug/kg	11
Vinyl chloride	11	U	ug/kg	11	12	U	ug/kg	12	11	U	ug/kg	11	11	U	ug/kg	11
Chloroethane	11	U	ug/kg	11	12	U	ug/kg	12	11	U	ug/kg	11	11	U	ug/kg	11
Methylene chloride	64	J	ug/kg	6	20	UJ	ug/kg	6	63		ug/kg	6	61		ug/kg	6
Acetone	19	UJ	ug/kg	11	12	UJ	ug/kg	12	22		ug/kg	11	17		ug/kg	11
Carbon disulfide	6		ug/kg	6	6	U	ug/kg	6	6		ug/kg	6	6		ug/kg	6
1,1-Dichloroethene	6	U	ug/kg	6	6	U	ug/kg	6	6	U	ug/kg	6	6	U	ug/kg	6
1,1-Dichloroethane	6	U	ug/kg	6	6	U	ug/kg	6	6	U	ug/kg	6	6	U	ug/kg	6
1,2-Dichloroethene (total)	6	U	ug/kg	6	6	U	ug/kg	6	6	U	ug/kg	6	6	U	ug/kg	6
Chloroform	6	U	ug/kg	6	6	U	ug/kg	6	6	U	ug/kg	6	6	U	ug/kg	6
1,2-Dichloroethane	6	U	ug/kg	6	6	U	ug/kg	6	6	U	ug/kg	6	6	U	ug/kg	6
2-Butanone	11	U	ug/kg	11	12	U	ug/kg	12	11	U	ug/kg	11	11	U	ug/kg	11
1,1,1-Trichloroethane	6	U	ug/kg	6	6	U	ug/kg	6	6	U	ug/kg	6	6	U	ug/kg	6
Carbon tetrachloride	6	U	ug/kg	6	6	U	ug/kg	6	6	U	ug/kg	6	6	U	ug/kg	6
Vinyl acetate	11	U	ug/kg	11	12	U	ug/kg	12	11	U	ug/kg	11	11	U	ug/kg	11
Bromodichloromethane	6	U	ug/kg	6	6	U	ug/kg	6	6	U	ug/kg	6	6	U	ug/kg	6
1,2-Dichloropropane	6	U	ug/kg	6	6	U	ug/kg	6	6	U	ug/kg	6	6	U	ug/kg	6
cis-1,3-Dichloropropene	6	U	ug/kg	6	6	U	ug/kg	6	6	U	ug/kg	6	6	U	ug/kg	6
Trichloroethene	6	U	ug/kg	6	6	U	ug/kg	6	6	U	ug/kg	6	6	U	ug/kg	6
Dibromochloromethane	6	U	ug/kg	6	6	U	ug/kg	6	6	U	ug/kg	6	6	U	ug/kg	6
1,1,2-Trichloroethane	6	U	ug/kg	6	6	U	ug/kg	6	6	U	ug/kg	6	6	U	ug/kg	6
Benzene	6	U	ug/kg	6	6	U	ug/kg	6	6	U	ug/kg	6	6	U	ug/kg	6
trans-1,3-Dichloropropene	6	U	ug/kg	6	6	U	ug/kg	6	6	U	ug/kg	6	6	U	ug/kg	6
Bromoform	6	U	ug/kg	6	6	U	ug/kg	6	6	U	ug/kg	6	6	U	ug/kg	6
2-Hexanone	11	U	ug/kg	11	12	U	ug/kg	12	11	U	ug/kg	11	11	U	ug/kg	11
4-Methyl-2-pentanone	11	U	ug/kg	11	12	U	ug/kg	12	11	U	ug/kg	11	11	U	ug/kg	11
Tetrachloroethene	6	U	ug/kg	6	6	U	ug/kg	6	6	U	ug/kg	6	6	U	ug/kg	6
1,1,2,2-Tetrachloroethane	6	U	ug/kg	6	6	U	ug/kg	6	6	U	ug/kg	6	6	U	ug/kg	6
Toluene	6	U	ug/kg	6	6	U	ug/kg	6	6	U	ug/kg	6	6	U	ug/kg	6
Chlorobenzene	6	U	ug/kg	6	6	U	ug/kg	6	6	U	ug/kg	6	6	U	ug/kg	6
Ethylbenzene	6	U	ug/kg	6	6	U	ug/kg	6	6	U	ug/kg	6	6	U	ug/kg	6
Styrene	6	U	ug/kg	6	6	U	ug/kg	6	6	U	ug/kg	6	6	U	ug/kg	6
Xylenes (total)	6	U	ug/kg	6	6	U	ug/kg	6	6	U	ug/kg	6	6	U	ug/kg	6

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WHITING FIELD ANAL. .CAL RESULT REPORT
VOLATILE ORGANICS ---- SITE 18 ---- VALIDATD DATA

Lab Sample Number:	22462010				22462011				22462012				22488001			
Site	WHITING				WHITING				WHITING				WHITING			
Locator	18-SL-02				18-SL-03				18-SL-04				18-SL-07			
Collect Date:	12-AUG-92				12-AUG-92				12-AUG-92				13-AUG-92			
	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL
CLP VOLATILES 87-SOW																
Chloromethane	11	U	ug/kg	11	11	U	ug/kg	11	63	U	ug/kg	63	11	U	ug/kg	11
Bromomethane	11	U	ug/kg	11	11	U	ug/kg	11	63	U	ug/kg	63	11	U	ug/kg	11
Vinyl chloride	11	U	ug/kg	11	11	U	ug/kg	11	63	U	ug/kg	63	11	U	ug/kg	11
Chloroethane	11	U	ug/kg	11	11	U	ug/kg	11	63	U	ug/kg	63	11	U	ug/kg	11
Methylene chloride	52	UJ	ug/kg	6	74	J	ug/kg	5	32	UJ	ug/kg	160	57	UJ	ug/kg	6
Acetone	34	UJ	ug/kg	11	11	UJ	ug/kg	11	63	UJ	ug/kg	320	17	UJ	ug/kg	11
Carbon disulfide	4	J	ug/kg	6	7		ug/kg	5	32	U	ug/kg	32	6	UJ	ug/kg	6
1,1-Dichloroethene	6	U	ug/kg	6	5	U	ug/kg	5	32	U	ug/kg	32	6	U	ug/kg	6
1,1-Dichloroethane	6	U	ug/kg	6	5	U	ug/kg	5	32	U	ug/kg	32	6	U	ug/kg	6
1,2-Dichloroethene (total)	6	U	ug/kg	6	5	U	ug/kg	5	32	U	ug/kg	32	6	U	ug/kg	6
Chloroform	6	U	ug/kg	6	5	U	ug/kg	5	32	U	ug/kg	32	6	U	ug/kg	6
1,2-Dichloroethane	6	U	ug/kg	6	5	U	ug/kg	5	32	U	ug/kg	32	6	U	ug/kg	6
2-Butanone	11	U	ug/kg	11	11	U	ug/kg	11	63	U	ug/kg	63	11	U	ug/kg	11
1,1,1-Trichloroethane	6	U	ug/kg	6	5	U	ug/kg	5	32	U	ug/kg	32	6	U	ug/kg	6
Carbon tetrachloride	6	U	ug/kg	6	5	U	ug/kg	5	32	U	ug/kg	32	6	U	ug/kg	6
Vinyl acetate	11	U	ug/kg	11	11	U	ug/kg	11	63	U	ug/kg	63	11	U	ug/kg	11
Bromodichloromethane	6	U	ug/kg	6	5	U	ug/kg	5	32	U	ug/kg	32	6	U	ug/kg	6
1,2-Dichloropropane	6	U	ug/kg	6	5	U	ug/kg	5	32	U	ug/kg	32	6	U	ug/kg	6
cis-1,3-Dichloropropene	6	U	ug/kg	6	5	U	ug/kg	5	32	U	ug/kg	32	6	U	ug/kg	6
Trichloroethene	6	U	ug/kg	6	5	U	ug/kg	5	32	U	ug/kg	32	6	U	ug/kg	6
Dibromochloromethane	6	U	ug/kg	6	5	U	ug/kg	5	32	U	ug/kg	32	6	U	ug/kg	6
1,1,2-Trichloroethane	6	U	ug/kg	6	5	U	ug/kg	5	32	U	ug/kg	32	6	U	ug/kg	6
Benzene	6	U	ug/kg	6	5	U	ug/kg	5	32	U	ug/kg	32	6	U	ug/kg	6
trans-1,3-Dichloropropene	6	U	ug/kg	6	5	U	ug/kg	5	32	U	ug/kg	32	6	U	ug/kg	6
Bromoform	6	U	ug/kg	6	5	U	ug/kg	5	32	U	ug/kg	32	6	U	ug/kg	6
2-Hexanone	11	U	ug/kg	11	11	U	ug/kg	11	63	UJ	ug/kg	63	11	U	ug/kg	11
4-Methyl-2-pentanone	11	U	ug/kg	11	11	U	ug/kg	11	63	U	ug/kg	63	11	U	ug/kg	11
Tetrachloroethene	6	U	ug/kg	6	5	U	ug/kg	5	32	U	ug/kg	32	6	U	ug/kg	6
1,1,2,2-Tetrachloroethane	6	U	ug/kg	6	5	U	ug/kg	5	32	U	ug/kg	32	6	U	ug/kg	6
Toluene	9		ug/kg	6	1	J	ug/kg	5	32	U	ug/kg	32	6	U	ug/kg	6
Chlorobenzene	6	U	ug/kg	6	5	U	ug/kg	5	32	U	ug/kg	32	6	U	ug/kg	6
Ethylbenzene	6	U	ug/kg	6	5	U	ug/kg	5	32	U	ug/kg	32	6	U	ug/kg	6
Styrene	6	U	ug/kg	6	5	U	ug/kg	5	32	U	ug/kg	32	6	U	ug/kg	6
Xylenes (total)	6	U	ug/kg	6	5	J	ug/kg	5	32	U	ug/kg	32	3	J	ug/kg	6

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WHITING FIELD ANAL. .CAL RESULT REPORT
VOLATILE ORGANICS ---- SITE 18 ---- VALIDATD DATA

Lab Sample Number:	22488002				22488003				22489001				22489002			
Site	WHITING				WHITING				WHITING				WHITING			
Locator	18-SL-08				18-SL-09				18-SL-10				18-SL-10A			
Collect Date:	13-AUG-92				13-AUG-92				13-AUG-92				13-AUG-92			
	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL
CLP VOLATILES 87-SOW																
Chloromethane	11	U	ug/kg	11	61	U	ug/kg	61	53	U	ug/kg	53	54	U	ug/kg	54
Bromomethane	11	U	ug/kg	11	61	U	ug/kg	61	53	U	ug/kg	53	54	U	ug/kg	54
Vinyl chloride	11	U	ug/kg	11	61	U	ug/kg	61	53	U	ug/kg	53	54	U	ug/kg	54
Chloroethane	11	U	ug/kg	11	61	U	ug/kg	61	53	U	ug/kg	53	54	U	ug/kg	54
Methylene chloride	5	UJ	ug/kg	5	36	UJ	ug/kg	150	29	UJ	ug/kg	130	47	UJ	ug/kg	140
Acetone	11	UJ	ug/kg	11	61	UJ	ug/kg	300	150	UJ	ug/kg	260	180	UJ	ug/kg	270
Carbon disulfide	5	U	ug/kg	5	30	U	ug/kg	30	27	U	ug/kg	27	27	U	ug/kg	27
1,1-Dichloroethene	5	U	ug/kg	5	30	U	ug/kg	30	27	U	ug/kg	27	27	U	ug/kg	27
1,1-Dichloroethane	5	U	ug/kg	5	30	U	ug/kg	30	27	U	ug/kg	27	27	U	ug/kg	27
1,2-Dichloroethene (total)	5	U	ug/kg	5	30	U	ug/kg	30	27	U	ug/kg	27	27	U	ug/kg	27
Chloroform	5	U	ug/kg	5	30	U	ug/kg	30	27	U	ug/kg	27	27	U	ug/kg	27
1,2-Dichloroethane	5	U	ug/kg	5	30	U	ug/kg	30	27	U	ug/kg	27	27	U	ug/kg	27
2-Butanone	11	U	ug/kg	11	61	U	ug/kg	61	36	J	ug/kg	260	35	J	ug/kg	270
1,1,1-Trichloroethane	5	U	ug/kg	5	30	U	ug/kg	30	27	U	ug/kg	27	27	U	ug/kg	27
Carbon tetrachloride	5	U	ug/kg	5	30	U	ug/kg	30	27	U	ug/kg	27	27	U	ug/kg	27
Vinyl acetate	11	U	ug/kg	11	61	U	ug/kg	61	53	U	ug/kg	53	54	U	ug/kg	54
Bromodichloromethane	5	U	ug/kg	5	30	U	ug/kg	30	27	U	ug/kg	27	27	U	ug/kg	27
1,2-Dichloropropane	5	U	ug/kg	5	30	U	ug/kg	30	27	U	ug/kg	27	27	U	ug/kg	27
cis-1,3-Dichloropropene	5	U	ug/kg	5	30	U	ug/kg	30	27	U	ug/kg	27	27	U	ug/kg	27
Trichloroethene	5	U	ug/kg	5	30	U	ug/kg	30	27	U	ug/kg	27	27	U	ug/kg	27
Dibromochloromethane	5	U	ug/kg	5	30	U	ug/kg	30	27	U	ug/kg	27	27	U	ug/kg	27
1,1,2-Trichloroethane	5	U	ug/kg	5	30	U	ug/kg	30	27	U	ug/kg	27	27	U	ug/kg	27
Benzene	5	U	ug/kg	5	30	U	ug/kg	30	27	U	ug/kg	27	27	U	ug/kg	27
trans-1,3-Dichloropropene	5	U	ug/kg	5	30	U	ug/kg	30	27	U	ug/kg	27	27	U	ug/kg	27
Bromoform	5	U	ug/kg	5	30	U	ug/kg	30	27	U	ug/kg	27	27	U	ug/kg	27
2-Hexanone	11	UJ	ug/kg	11	61	UJ	ug/kg	61	53	U	ug/kg	53	54	U	ug/kg	54
4-Methyl-2-pentanone	11	U	ug/kg	11	61	U	ug/kg	61	53	U	ug/kg	53	54	U	ug/kg	54
Tetrachloroethene	5	U	ug/kg	5	30	U	ug/kg	30	27	U	ug/kg	27	27	U	ug/kg	27
1,1,2,2-Tetrachloroethane	5	U	ug/kg	5	30	U	ug/kg	30	27	U	ug/kg	27	27	U	ug/kg	27
Toluene	5	U	ug/kg	5	30	U	ug/kg	30	10	J	ug/kg	130	28		ug/kg	140
Chlorobenzene	5	U	ug/kg	5	30	U	ug/kg	30	27	U	ug/kg	27	27	U	ug/kg	27
Ethylbenzene	5	U	ug/kg	5	30	U	ug/kg	30	23	J	ug/kg	130	70		ug/kg	140
Styrene	5	U	ug/kg	5	30	U	ug/kg	30	27	U	ug/kg	27	27	U	ug/kg	27
Xylenes (total)	5	U	ug/kg	5	30	U	ug/kg	30	160		ug/kg	130	430		ug/kg	140

U = NOT DETECTED J = ESTIMATED VALUE
UJ = REPORTED QUANTITATION LIMIT IS QUALIFIED AS ESTIMATED
R = RESULT IS REJECTED AND UNUSABLE

WHITING FIELD ANAL...CAL RESULT REPORT
VOLATILE ORGANICS ---- SITE 18 ---- VALIDATD DATA

Lab Sample Number:	22489M01				22489D01				22488004				22488005			
Site	WHITING				WHITING				WHITING				WHITING			
Locator	18-SL-10MS				18-SL-10MSD				18-SL-11				18-SL-12			
Collect Date:	13-AUG-92				13-AUG-92				13-AUG-92				13-AUG-92			
	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL
CLP VOLATILES 87-SOW																
Chloromethane	53	U	ug/kg	53	53	U	ug/kg	53	11	U	ug/kg	11	12	U	ug/kg	12
Bromomethane	53	U	ug/kg	53	53	U	ug/kg	53	11	U	ug/kg	11	12	U	ug/kg	12
Vinyl chloride	53	U	ug/kg	53	53	U	ug/kg	53	11	U	ug/kg	11	12	U	ug/kg	12
Chloroethane	53	U	ug/kg	53	53	U	ug/kg	53	11	U	ug/kg	11	12	U	ug/kg	12
Methylene chloride	44	J	ug/kg	130	38	J	ug/kg	130	7	UJ	ug/kg	5	49	UJ	ug/kg	6
Acetone	130	J	ug/kg	260	110	J	ug/kg	260	15	UJ	ug/kg	11	32	UJ	ug/kg	12
Carbon disulfide	27	U	ug/kg	27	27	U	ug/kg	27	5	U	ug/kg	5	6	UJ	ug/kg	6
1,1-Dichloroethene	27	U	ug/kg	27	27	U	ug/kg	27	5	U	ug/kg	5	6	U	ug/kg	6
1,1-Dichloroethane	27	U	ug/kg	27	27	U	ug/kg	27	5	U	ug/kg	5	6	U	ug/kg	6
1,2-Dichloroethene (total)	27	U	ug/kg	27	27	U	ug/kg	27	5	U	ug/kg	5	6	U	ug/kg	6
Chloroform	27	U	ug/kg	27	27	U	ug/kg	27	5	U	ug/kg	5	6	U	ug/kg	6
1,2-Dichloroethane	27	U	ug/kg	27	27	U	ug/kg	27	5	U	ug/kg	5	6	U	ug/kg	6
2-Butanone	32	J	ug/kg	260	32	J	ug/kg	260	11	U	ug/kg	11	12	U	ug/kg	12
1,1,1-Trichloroethane	27	U	ug/kg	27	27	U	ug/kg	27	5	U	ug/kg	5	6	U	ug/kg	6
Carbon tetrachloride	27	U	ug/kg	27	27	U	ug/kg	27	5	U	ug/kg	5	6	U	ug/kg	6
Vinyl acetate	53	U	ug/kg	53	53	U	ug/kg	53	11	U	ug/kg	11	12	U	ug/kg	12
Bromodichloromethane	27	U	ug/kg	27	27	U	ug/kg	27	5	U	ug/kg	5	6	U	ug/kg	6
1,2-Dichloropropane	27	U	ug/kg	27	27	U	ug/kg	27	5	U	ug/kg	5	6	U	ug/kg	6
cis-1,3-Dichloropropene	27	U	ug/kg	27	27	U	ug/kg	27	5	U	ug/kg	5	6	U	ug/kg	6
Trichloroethene	27	U	ug/kg	27	27	U	ug/kg	27	5	U	ug/kg	5	6	U	ug/kg	6
Dibromochloromethane	27	U	ug/kg	27	27	U	ug/kg	27	5	U	ug/kg	5	6	U	ug/kg	6
1,1,2-Trichloroethane	27	U	ug/kg	27	27	U	ug/kg	27	5	U	ug/kg	5	6	U	ug/kg	6
Benzene	27	U	ug/kg	27	27	U	ug/kg	27	5	U	ug/kg	5	6	U	ug/kg	6
trans-1,3-Dichloropropene	27	U	ug/kg	27	27	U	ug/kg	27	5	U	ug/kg	5	6	U	ug/kg	6
Bromoform	27	U	ug/kg	27	27	U	ug/kg	27	5	U	ug/kg	5	6	U	ug/kg	6
2-Hexanone	53	U	ug/kg	53	53	U	ug/kg	53	11	UJ	ug/kg	11	12	U	ug/kg	12
4-Methyl-2-pentanone	53	U	ug/kg	53	53	U	ug/kg	53	11	U	ug/kg	11	12	U	ug/kg	12
Tetrachloroethene	27	U	ug/kg	27	27	U	ug/kg	27	5	U	ug/kg	5	6	U	ug/kg	6
1,1,2,2-Tetrachloroethane	27	U	ug/kg	27	27	U	ug/kg	27	5	U	ug/kg	5	6	U	ug/kg	6
Toluene	27	U	ug/kg	27	27	U	ug/kg	27	5	U	ug/kg	5	6	U	ug/kg	6
Chlorobenzene	27	U	ug/kg	27	27	U	ug/kg	27	5	U	ug/kg	5	6	U	ug/kg	6
Ethylbenzene	28		ug/kg	130	31		ug/kg	130	5	U	ug/kg	5	6	U	ug/kg	6
Styrene	27	U	ug/kg	27	27	U	ug/kg	27	5	U	ug/kg	5	6	U	ug/kg	6
Xylenes (total)	220		ug/kg	130	210		ug/kg	130	2	J	ug/kg	5	6	U	ug/kg	6

U = NOT DETECTED J = ESTIMATED VALUE
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R = ...ULT IS REJECTED AND UNUSABLE

WHITING FIELD ANAL..CAL RESULT REPORT
VOLATILE ORGANICS ---- SITE 18 ---- VALIDATD DATA

Lab Sample Number:	22488006				22488008				22488009				22488010			
Site	WHITING				WHITING				WHITING				WHITING			
Locator	18-SL-13				18-SL-14				18-SL-15				18-SL-16			
Collect Date:	13-AUG-92				13-AUG-92				13-AUG-92				13-AUG-92			
	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL
CLP VOLATILES 87-SOW																
Chloromethane	54	U	ug/kg	54	11	U	ug/kg	11	55	U	ug/kg	55	54	U	ug/kg	54
Bromomethane	54	U	ug/kg	54	11	U	ug/kg	11	55	U	ug/kg	55	54	U	ug/kg	54
Vinyl chloride	54	U	ug/kg	54	11	U	ug/kg	11	55	U	ug/kg	55	54	U	ug/kg	54
Chloroethane	54	U	ug/kg	54	11	U	ug/kg	11	55	U	ug/kg	55	54	U	ug/kg	54
Methylene chloride	47	UJ	ug/kg	140	23	UJ	ug/kg	5	100	UJ	ug/kg	140	57	UJ	ug/kg	130
Acetone	150	UJ	ug/kg	270	34	UJ	ug/kg	11	230	UJ	ug/kg	270	160	UJ	ug/kg	270
Carbon disulfide	27	U	ug/kg	27	5	U	ug/kg	5	27	UJ	ug/kg	140	27	U	ug/kg	27
1,1-Dichloroethene	27	U	ug/kg	27	5	U	ug/kg	5	27	U	ug/kg	27	27	U	ug/kg	27
1,1-Dichloroethane	27	U	ug/kg	27	5	U	ug/kg	5	27	U	ug/kg	27	27	U	ug/kg	27
1,2-Dichloroethene (total)	27	U	ug/kg	27	5	U	ug/kg	5	27	U	ug/kg	27	27	U	ug/kg	27
Chloroform	27	U	ug/kg	27	5	U	ug/kg	5	27	U	ug/kg	27	27	U	ug/kg	27
1,2-Dichloroethane	27	U	ug/kg	27	5	U	ug/kg	5	27	U	ug/kg	27	27	U	ug/kg	27
2-Butanone	30	J	ug/kg	270	11	U	ug/kg	11	55	U	ug/kg	55	36	J	ug/kg	270
1,1,1-Trichloroethane	27	U	ug/kg	27	5	U	ug/kg	5	27	U	ug/kg	27	27	U	ug/kg	27
Carbon tetrachloride	27	U	ug/kg	27	5	U	ug/kg	5	27	U	ug/kg	27	27	U	ug/kg	27
Vinyl acetate	54	U	ug/kg	54	11	U	ug/kg	11	55	U	ug/kg	55	54	U	ug/kg	54
Bromodichloromethane	27	U	ug/kg	27	5	U	ug/kg	5	27	U	ug/kg	27	27	U	ug/kg	27
1,2-Dichloropropane	27	U	ug/kg	27	5	U	ug/kg	5	27	U	ug/kg	27	27	U	ug/kg	27
cis-1,3-Dichloropropene	27	U	ug/kg	27	5	U	ug/kg	5	27	U	ug/kg	27	27	U	ug/kg	27
Trichloroethene	27	U	ug/kg	27	5	U	ug/kg	5	27	U	ug/kg	27	27	U	ug/kg	27
Dibromochloromethane	27	U	ug/kg	27	5	U	ug/kg	5	27	U	ug/kg	27	27	U	ug/kg	27
1,1,2-Trichloroethane	27	U	ug/kg	27	5	U	ug/kg	5	27	U	ug/kg	27	27	U	ug/kg	27
Benzene	27	U	ug/kg	27	5	U	ug/kg	5	27	U	ug/kg	27	27	U	ug/kg	27
trans-1,3-Dichloropropene	27	U	ug/kg	27	5	U	ug/kg	5	27	U	ug/kg	27	27	U	ug/kg	27
Bromoform	27	U	ug/kg	27	5	U	ug/kg	5	27	U	ug/kg	27	27	U	ug/kg	27
2-Hexanone	54	U	ug/kg	54	11	U	ug/kg	11	55	U	ug/kg	55	54	U	ug/kg	54
4-Methyl-2-pentanone	54	U	ug/kg	54	11	U	ug/kg	11	55	U	ug/kg	55	54	U	ug/kg	54
Tetrachloroethene	27	U	ug/kg	27	5	U	ug/kg	5	27	U	ug/kg	27	27	U	ug/kg	27
1,1,2,2-Tetrachloroethane	27	U	ug/kg	27	5	U	ug/kg	5	27	U	ug/kg	27	27	U	ug/kg	27
Toluene	14	J	ug/kg	140	5	U	ug/kg	5	34		ug/kg	140	27	U	ug/kg	27
Chlorobenzene	27	U	ug/kg	27	5	U	ug/kg	5	27	U	ug/kg	27	27	U	ug/kg	27
Ethylbenzene	27	U	ug/kg	27	5	U	ug/kg	5	120		ug/kg	140	15	J	ug/kg	130
Styrene	27	U	ug/kg	27	5	U	ug/kg	5	27	U	ug/kg	27	27	U	ug/kg	27
Xylenes (total)	67		ug/kg	140	3	J	ug/kg	5	1000		ug/kg	140	76		ug/kg	130

U = NOT DETECTED J = ESTIMATED VALUE
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R = RESULT IS REJECTED AND UNUSABLE

WHITING FIELD ANALYTICAL RESULT REPORT
VOLATILE ORGANICS ---- SITE 18 ---- VALIDATD DATA

Lab Sample Number:	22488011				22495001				22495002				22495003			
Site	WHITING				WHITING				WHITING				WHITING			
Locator	18-SL-17				18-SL-18				18-SL-19				18-SL-20			
Collect Date:	13-AUG-92				13-AUG-92				13-AUG-92				13-AUG-92			
	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL
CLP VOLATILES 87-SOW																
Chloromethane	27	U	ug/kg	27	12	U	ug/kg	12	12	U	ug/kg	12	12	U	ug/kg	12
Bromomethane	27	U	ug/kg	27	12	U	ug/kg	12	12	U	ug/kg	12	12	U	ug/kg	12
Vinyl chloride	27	U	ug/kg	27	12	U	ug/kg	12	12	U	ug/kg	12	12	U	ug/kg	12
Chloroethane	27	U	ug/kg	27	12	U	ug/kg	12	12	U	ug/kg	12	12	U	ug/kg	12
Methylene chloride	46	UJ	ug/kg	34	9	UJ	ug/kg	6	29	UJ	ug/kg	6	17	UJ	ug/kg	6
Acetone	84	UJ	ug/kg	69	20	UJ	ug/kg	12	39	UJ	ug/kg	12	71	UJ	ug/kg	12
Carbon disulfide	14	U	ug/kg	14	6	U	ug/kg	6	6	UJ	ug/kg	6	6	U	ug/kg	6
1,1-Dichloroethene	14	U	ug/kg	14	6	U	ug/kg	6	6	U	ug/kg	6	6	U	ug/kg	6
1,1-Dichloroethane	14	U	ug/kg	14	6	U	ug/kg	6	6	U	ug/kg	6	6	U	ug/kg	6
1,2-Dichloroethene (total)	14	U	ug/kg	14	6	U	ug/kg	6	6	U	ug/kg	6	6	U	ug/kg	6
Chloroform	14	U	ug/kg	14	6	U	ug/kg	6	6	U	ug/kg	6	6	U	ug/kg	6
1,2-Dichloroethane	14	U	ug/kg	14	6	U	ug/kg	6	6	U	ug/kg	6	6	U	ug/kg	6
2-Butanone	17	J	ug/kg	69	12	U	ug/kg	12	12	U	ug/kg	12	12	U	ug/kg	12
1,1,1-Trichloroethane	14	U	ug/kg	14	6	U	ug/kg	6	6	U	ug/kg	6	6	U	ug/kg	6
Carbon tetrachloride	14	U	ug/kg	14	6	U	ug/kg	6	6	U	ug/kg	6	6	U	ug/kg	6
Vinyl acetate	27	U	ug/kg	27	12	U	ug/kg	12	12	U	ug/kg	12	12	U	ug/kg	12
Bromodichloromethane	14	U	ug/kg	14	6	U	ug/kg	6	6	U	ug/kg	6	6	U	ug/kg	6
1,2-Dichloropropane	14	U	ug/kg	14	6	U	ug/kg	6	6	U	ug/kg	6	6	U	ug/kg	6
cis-1,3-Dichloropropene	14	U	ug/kg	14	6	U	ug/kg	6	6	U	ug/kg	6	6	U	ug/kg	6
Trichloroethene	14	U	ug/kg	14	6	U	ug/kg	6	6	U	ug/kg	6	6	U	ug/kg	6
Dibromochloromethane	14	U	ug/kg	14	6	U	ug/kg	6	6	U	ug/kg	6	6	U	ug/kg	6
1,1,2-Trichloroethane	14	U	ug/kg	14	6	U	ug/kg	6	6	U	ug/kg	6	6	U	ug/kg	6
Benzene	14	U	ug/kg	14	6	U	ug/kg	6	6	U	ug/kg	6	6	U	ug/kg	6
trans-1,3-Dichloropropene	14	U	ug/kg	14	6	U	ug/kg	6	6	U	ug/kg	6	6	U	ug/kg	6
Bromoform	14	U	ug/kg	14	6	U	ug/kg	6	6	U	ug/kg	6	6	U	ug/kg	6
2-Hexanone	27	U	ug/kg	27	12	U	ug/kg	12	12	U	ug/kg	12	12	U	ug/kg	12
4-Methyl-2-pentanone	27	U	ug/kg	27	12	U	ug/kg	12	12	U	ug/kg	12	12	U	ug/kg	12
Tetrachloroethene	14	U	ug/kg	14	6	U	ug/kg	6	6	U	ug/kg	6	6	U	ug/kg	6
1,1,2,2-Tetrachloroethane	14	U	ug/kg	14	6	UJ	ug/kg	6	6	UJ	ug/kg	6	6	U	ug/kg	6
Toluene	14	U	ug/kg	14	6	U	ug/kg	6	6	U	ug/kg	6	6	U	ug/kg	6
Chlorobenzene	14	U	ug/kg	14	6	U	ug/kg	6	6	U	ug/kg	6	6	U	ug/kg	6
Ethylbenzene	14	U	ug/kg	14	6	U	ug/kg	6	6	U	ug/kg	6	6	U	ug/kg	6
Styrene	14	U	ug/kg	14	6	U	ug/kg	6	6	U	ug/kg	6	6	U	ug/kg	6
Xylenes (total)	14	U	ug/kg	14	6	U	ug/kg	6	3	J	ug/kg	6	4	J	ug/kg	6

U = NOT DETECTED J = ESTIMATED VALUE
UJ - REPORTED QUANTITATION LIMIT IS QUALIFIED AS ESTIMATED
R - RESULT IS REJECTED AND UNUSABLE

WHITING FIELD ANALYTICAL RESULT REPORT
VOLATILE ORGANICS ---- SITE 18 ---- VALIDATD DATA

	22495004				22495005				22489003				22489004			
Lab Sample Number:																
Site	WHITING				WHITING				WHITING				WHITING			
Locator	18-SL-21				18-SL-22				18-SL-23				18-SL-23A			
Collect Date:	13-AUG-92				13-AUG-92				13-AUG-92				13-AUG-92			
	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL
CLP VOLATILES 87-SOW																
Chloromethane	12	U	ug/kg	12	13	U	ug/kg	13	12	U	ug/kg	12	11	U	ug/kg	11
Bromomethane	12	U	ug/kg	12	13	U	ug/kg	13	12	U	ug/kg	12	11	U	ug/kg	11
Vinyl chloride	12	U	ug/kg	12	13	U	ug/kg	13	12	U	ug/kg	12	11	U	ug/kg	11
Chloroethane	12	U	ug/kg	12	13	U	ug/kg	13	12	U	ug/kg	12	11	U	ug/kg	11
Methylene chloride	12	UJ	ug/kg	6	25	UJ	ug/kg	6	32	UJ	ug/kg	6	56	UJ	ug/kg	6
Acetone	200	UJ	ug/kg	12	180	UJ	ug/kg	13	12	UJ	ug/kg	12	14	UJ	ug/kg	11
Carbon disulfide	6	U	ug/kg	6	6	U	ug/kg	6	6	UJ	ug/kg	6	6	UJ	ug/kg	6
1,1-Dichloroethene	6	U	ug/kg	6	6	U	ug/kg	6	6	U	ug/kg	6	6	U	ug/kg	6
1,1-Dichloroethane	6	U	ug/kg	6	6	U	ug/kg	6	6	U	ug/kg	6	6	U	ug/kg	6
1,2-Dichloroethene (total)	6	U	ug/kg	6	6	U	ug/kg	6	6	U	ug/kg	6	6	U	ug/kg	6
Chloroform	6	U	ug/kg	6	6	U	ug/kg	6	6	U	ug/kg	6	6	U	ug/kg	6
1,2-Dichloroethane	6	U	ug/kg	6	6	U	ug/kg	6	6	U	ug/kg	6	6	U	ug/kg	6
2-Butanone	12	U	ug/kg	12	13	U	ug/kg	13	12	U	ug/kg	12	11	U	ug/kg	11
1,1,1-Trichloroethane	6	U	ug/kg	6	6	U	ug/kg	6	6	U	ug/kg	6	6	UJ	ug/kg	6
Carbon tetrachloride	6	U	ug/kg	6	6	U	ug/kg	6	6	U	ug/kg	6	6	UJ	ug/kg	6
Vinyl acetate	12	U	ug/kg	12	13	U	ug/kg	13	12	U	ug/kg	12	11	UJ	ug/kg	11
Bromodichloromethane	6	U	ug/kg	6	6	U	ug/kg	6	6	U	ug/kg	6	6	UJ	ug/kg	6
1,2-Dichloropropane	6	U	ug/kg	6	6	U	ug/kg	6	6	U	ug/kg	6	6	UJ	ug/kg	6
cis-1,3-Dichloropropene	6	U	ug/kg	6	6	U	ug/kg	6	6	U	ug/kg	6	6	UJ	ug/kg	6
Trichloroethene	6	U	ug/kg	6	6	U	ug/kg	6	6	U	ug/kg	6	6	UJ	ug/kg	6
Dibromochloromethane	6	U	ug/kg	6	6	U	ug/kg	6	6	U	ug/kg	6	6	UJ	ug/kg	6
1,1,2-Trichloroethane	6	U	ug/kg	6	6	U	ug/kg	6	6	U	ug/kg	6	6	UJ	ug/kg	6
Benzene	6	U	ug/kg	6	6	U	ug/kg	6	6	U	ug/kg	6	6	UJ	ug/kg	6
trans-1,3-Dichloropropene	6	U	ug/kg	6	6	U	ug/kg	6	6	U	ug/kg	6	6	UJ	ug/kg	6
Bromoform	6	U	ug/kg	6	6	U	ug/kg	6	6	U	ug/kg	6	6	UJ	ug/kg	6
2-Hexanone	12	U	ug/kg	12	13	U	ug/kg	13	12	UJ	ug/kg	12	11	UJ	ug/kg	11
4-Methyl-2-pentanone	12	U	ug/kg	12	13	U	ug/kg	13	12	UJ	ug/kg	12	11	UJ	ug/kg	11
Tetrachloroethene	6	U	ug/kg	6	6	U	ug/kg	6	6	UJ	ug/kg	6	6	UJ	ug/kg	6
1,1,2,2-Tetrachloroethane	6	UJ	ug/kg	6	6	UJ	ug/kg	6	6	UJ	ug/kg	6	6	UJ	ug/kg	6
Toluene	6	U	ug/kg	6	6	U	ug/kg	6	6	UJ	ug/kg	6	6	UJ	ug/kg	6
Chlorobenzene	6	U	ug/kg	6	6	U	ug/kg	6	6	UJ	ug/kg	6	6	UJ	ug/kg	6
Ethylbenzene	6	U	ug/kg	6	6	U	ug/kg	6	6	UJ	ug/kg	6	6	UJ	ug/kg	6
Styrene	6	U	ug/kg	6	6	U	ug/kg	6	6	UJ	ug/kg	6	6	UJ	ug/kg	6
Xylenes (total)	4	J	ug/kg	6	2	J	ug/kg	6	6	UJ	ug/kg	6	2	J	ug/kg	6

U = NOT DETECTED J = ESTIMATED VALUE
UJ = REPORTED QUANTITATION LIMIT IS QUALIFIED AS ESTIMATED
R = RESULT IS REJECTED AND UNUSABLE

WHITING FIELD ANALYTICAL RESULT REPORT
VOLATILE ORGANICS ---- SITE 18 ---- VALIDATD DATA

	22489004R				22489M03				22489D03				22495006			
Lab Sample Number:																
Site	WHITING				WHITING				WHITING				WHITING			
Locator	18-SL-23A_R				18-SL-23MS				18-SL-23MSD				18-SL-24			
Collect Date:	13-AUG-92				13-AUG-92				13-AUG-92				13-AUG-92			
	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL
CLP VOLATILES 87-SOW																
Chloromethane	11	UJ	ug/kg	11	12	U	ug/kg	12	12	U	ug/kg	12	11	U	ug/kg	11
Bromomethane	11	UJ	ug/kg	11	12	U	ug/kg	12	12	U	ug/kg	12	11	U	ug/kg	11
Vinyl chloride	11	UJ	ug/kg	11	12	U	ug/kg	12	12	U	ug/kg	12	11	U	ug/kg	11
Chloroethane	11	UJ	ug/kg	11	12	U	ug/kg	12	12	U	ug/kg	12	11	U	ug/kg	11
Methylene chloride	30	UJ	ug/kg	6	50		ug/kg	6	45		ug/kg	6	34	UJ	ug/kg	6
Acetone	11	UJ	ug/kg	11	21		ug/kg	12	15		ug/kg	12	43	UJ	ug/kg	11
Carbon disulfide	6	UJ	ug/kg	6	3	J	ug/kg	6	2	J	ug/kg	6	6	UJ	ug/kg	6
1,1-Dichloroethene	6	UJ	ug/kg	6	6	U	ug/kg	6	6	U	ug/kg	6	6	U	ug/kg	6
1,1-Dichloroethane	6	UJ	ug/kg	6	6	U	ug/kg	6	6	U	ug/kg	6	6	U	ug/kg	6
1,2-Dichloroethene (total)	6	UJ	ug/kg	6	6	U	ug/kg	6	6	U	ug/kg	6	6	U	ug/kg	6
Chloroform	6	UJ	ug/kg	6	6	U	ug/kg	6	6	U	ug/kg	6	6	U	ug/kg	6
1,2-Dichloroethane	6	UJ	ug/kg	6	6	U	ug/kg	6	6	U	ug/kg	6	6	U	ug/kg	6
2-Butanone	11	UJ	ug/kg	11	12	U	ug/kg	12	12	U	ug/kg	12	11	U	ug/kg	11
1,1,1-Trichloroethane	6	UJ	ug/kg	6	6	U	ug/kg	6	6	U	ug/kg	6	6	U	ug/kg	6
Carbon tetrachloride	6	UJ	ug/kg	6	6	U	ug/kg	6	6	U	ug/kg	6	6	U	ug/kg	6
Vinyl acetate	11	UJ	ug/kg	11	12	U	ug/kg	12	12	U	ug/kg	12	11	U	ug/kg	11
Bromodichloromethane	6	UJ	ug/kg	6	6	U	ug/kg	6	6	U	ug/kg	6	6	U	ug/kg	6
1,2-Dichloropropane	6	UJ	ug/kg	6	6	U	ug/kg	6	6	U	ug/kg	6	6	U	ug/kg	6
cis-1,3-Dichloropropene	6	UJ	ug/kg	6	6	U	ug/kg	6	6	U	ug/kg	6	6	U	ug/kg	6
Trichloroethene	6	UJ	ug/kg	6	6	U	ug/kg	6	6	U	ug/kg	6	6	U	ug/kg	6
Dibromochloromethane	6	UJ	ug/kg	6	6	U	ug/kg	6	6	U	ug/kg	6	6	U	ug/kg	6
1,1,2-Trichloroethane	6	UJ	ug/kg	6	6	U	ug/kg	6	6	U	ug/kg	6	6	U	ug/kg	6
Benzene	6	UJ	ug/kg	6	6	U	ug/kg	6	6	U	ug/kg	6	6	U	ug/kg	6
trans-1,3-Dichloropropene	6	UJ	ug/kg	6	6	U	ug/kg	6	6	U	ug/kg	6	6	U	ug/kg	6
Bromoform	6	UJ	ug/kg	6	6	U	ug/kg	6	6	U	ug/kg	6	6	U	ug/kg	6
2-Hexanone	11	UJ	ug/kg	11	12	U	ug/kg	12	12	U	ug/kg	12	11	U	ug/kg	11
4-Methyl-2-pentanone	11	UJ	ug/kg	11	12	U	ug/kg	12	12	U	ug/kg	12	11	U	ug/kg	11
Tetrachloroethene	6	UJ	ug/kg	6	6	U	ug/kg	6	6	U	ug/kg	6	6	U	ug/kg	6
1,1,2,2-Tetrachloroethane	6	UJ	ug/kg	6	6	U	ug/kg	6	6	U	ug/kg	6	6	UJ	ug/kg	6
Toluene	6	UJ	ug/kg	6	6	U	ug/kg	6	6	U	ug/kg	6	6	U	ug/kg	6
Chlorobenzene	6	UJ	ug/kg	6	6	U	ug/kg	6	6	U	ug/kg	6	6	U	ug/kg	6
Ethylbenzene	6	UJ	ug/kg	6	6	U	ug/kg	6	6	U	ug/kg	6	6	U	ug/kg	6
Styrene	6	UJ	ug/kg	6	6	U	ug/kg	6	6	U	ug/kg	6	6	U	ug/kg	6
Xylenes (total)	2	J	ug/kg	6	3	J	ug/kg	6	6	U	ug/kg	6	6	U	ug/kg	6

U = NOT DETECTED J = ESTIMATED VALUE
UJ = REPORTED QUANTITATION LIMIT IS QUALIFIED AS ESTIMATED
R = ULT IS REJECTED AND UNUSABLE

WHITING FIELD ANALYTICAL RESULT REPORT
VOLATILE ORGANICS ---- SITE 18 ---- VALIDATD DATA

Lab Sample Number:	22495007				22495008				22495009				22495M09					
Site	WHITING				WHITING				WHITING				WHITING					
Locator	18-SL-25				18-SL-26				18-SL-27				18-SL-27MS					
Collect Date:	13-AUG-92				13-AUG-92				13-AUG-92				13-AUG-92					
	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL		
CLP VOLATILES 87-SOW																		
Chloromethane	54	U	ug/kg	54	12	U	ug/kg	12	1400	U	ug/kg	1400	1400	U	ug/kg	1400		
Bromomethane	54	U	ug/kg	54	12	U	ug/kg	12	1400	U	ug/kg	1400	1400	U	ug/kg	1400		
Vinyl chloride	54	U	ug/kg	54	12	U	ug/kg	12	1400	U	ug/kg	1400	1400	U	ug/kg	1400		
Chloroethane	54	U	ug/kg	54	12	U	ug/kg	12	1400	U	ug/kg	1400	1400	U	ug/kg	1400		
Methylene chloride	57	UJ	ug/kg	27	24	UJ	ug/kg	6	680	UJ	ug/kg	680	440	J	ug/kg	680		
Acetone	250	UJ	ug/kg	54	110	UJ	ug/kg	12	1400	UJ	ug/kg	1400	710	J	ug/kg	1400		
Carbon disulfide	27	UJ	ug/kg	27	6	UJ	ug/kg	6	680	U	ug/kg	680	680	U	ug/kg	680		
1,1-Dichloroethene	27	U	ug/kg	27	6	U	ug/kg	6	680	U	ug/kg	680	680	U	ug/kg	680		
1,1-Dichloroethane	27	U	ug/kg	27	6	U	ug/kg	6	680	U	ug/kg	680	680	U	ug/kg	680		
1,2-Dichloroethene (total)	27	U	ug/kg	27	6	U	ug/kg	6	680	U	ug/kg	680	680	U	ug/kg	680		
Chloroform	27	U	ug/kg	27	6	U	ug/kg	6	680	U	ug/kg	680	680	U	ug/kg	680		
1,2-Dichloroethane	27	U	ug/kg	27	6	U	ug/kg	6	680	U	ug/kg	680	680	U	ug/kg	680		
2-Butanone	54	U	ug/kg	54	12	U	ug/kg	12	1700		ug/kg	1400	1400	U	ug/kg	1400		
1,1,1-Trichloroethane	27	U	ug/kg	27	6	U	ug/kg	6	680	U	ug/kg	680	680	U	ug/kg	680		
Carbon tetrachloride	27	U	ug/kg	27	6	U	ug/kg	6	680	U	ug/kg	680	680	U	ug/kg	680		
Vinyl acetate	54	U	ug/kg	54	12	U	ug/kg	12	1400	U	ug/kg	1400	1400	U	ug/kg	1400		
Bromodichloromethane	27	U	ug/kg	27	6	U	ug/kg	6	680	U	ug/kg	680	680	U	ug/kg	680		
1,2-Dichloropropane	27	U	ug/kg	27	6	U	ug/kg	6	680	U	ug/kg	680	680	U	ug/kg	680		
cis-1,3-Dichloropropene	27	U	ug/kg	27	6	U	ug/kg	6	680	U	ug/kg	680	680	U	ug/kg	680		
Trichloroethene	27	U	ug/kg	27	6	U	ug/kg	6	680	U	ug/kg	680	680	U	ug/kg	680		
Dibromochloromethane	27	U	ug/kg	27	6	U	ug/kg	6	680	U	ug/kg	680	680	U	ug/kg	680		
1,1,2-Trichloroethane	27	U	ug/kg	27	6	U	ug/kg	6	680	U	ug/kg	680	680	U	ug/kg	680		
Benzene	27	U	ug/kg	27	6	U	ug/kg	6	680	U	ug/kg	680	680	U	ug/kg	680		
trans-1,3-Dichloropropene	27	U	ug/kg	27	6	U	ug/kg	6	680	U	ug/kg	680	680	U	ug/kg	680		
Bromoform	27	U	ug/kg	27	6	U	ug/kg	6	680	U	ug/kg	680	680	U	ug/kg	680		
2-Hexanone	54	U	ug/kg	54	12	U	ug/kg	12	1400	U	ug/kg	1400	1400	U	ug/kg	1400		
4-Methyl-2-pentanone	54	U	ug/kg	54	12	U	ug/kg	12	1400	U	ug/kg	1400	1400	U	ug/kg	1400		
Tetrachloroethene	27	U	ug/kg	27	6	U	ug/kg	6	680	U	ug/kg	680	680	U	ug/kg	680		
1,1,2,2-Tetrachloroethane	27	UJ	ug/kg	27	6	UJ	ug/kg	6	680	UJ	ug/kg	680	680	U	ug/kg	680		
Toluene	47		ug/kg	140	6	U	ug/kg	6	190	J	ug/kg	7	680	U	ug/kg	680		
Chlorobenzene	27	U	ug/kg	27	6	U	ug/kg	6	680	U	ug/kg	680	680	U	ug/kg	680		
Ethylbenzene	190		ug/kg	140	6	U	ug/kg	6	430	J	ug/kg	7	460	J	ug/kg	680		
Styrene	27	U	ug/kg	27	6	U	ug/kg	6	680	U	ug/kg	680	680	U	ug/kg	680		
Xylenes (total)	670		ug/kg	140	1	J	ug/kg	6	3300		ug/kg	7	3700		ug/kg	680		

U = NOT DETECTED J = ESTIMATED VALUE
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R = RESULT IS REJECTED AND UNUSABLE

WHITING FIELD ANALYTICAL RESULT REPORT
VOLATILE ORGANICS ---- SITE 18 ---- VALIDATD DATA

	22495D09				22495010				22495011				22495012			
Lab Sample Number:																
Site	WHITING				WHITING				WHITING				WHITING			
Locator	18-SL-27MSD				18-SL-28				18-SL-29				18-SL-30			
Collect Date:	13-AUG-92				13-AUG-92				13-AUG-92				13-AUG-92			
	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL
CLP VOLATILES 87-SOW																
Chloromethane	1400	U	ug/kg	1400	11	U	ug/kg	11	61	U	ug/kg	61	55	U	ug/kg	55
Bromomethane	1400	U	ug/kg	1400	11	U	ug/kg	11	61	U	ug/kg	61	55	U	ug/kg	55
Vinyl chloride	1400	U	ug/kg	1400	11	U	ug/kg	11	61	U	ug/kg	61	55	U	ug/kg	55
Chloroethane	1400	U	ug/kg	1400	11	U	ug/kg	11	61	U	ug/kg	61	55	U	ug/kg	55
Methylene chloride	330	J	ug/kg	680	10	UJ	ug/kg	6	85	UJ	ug/kg	30	38	UJ	ug/kg	27
Acetone	520	J	ug/kg	1400	19	UJ	ug/kg	11	82	UJ	ug/kg	61	55	UJ	ug/kg	55
Carbon disulfide	680	U	ug/kg	680	6	U	ug/kg	6	30	UJ	ug/kg	30	27	U	ug/kg	27
1,1-Dichloroethene	680	U	ug/kg	680	6	U	ug/kg	6	30	U	ug/kg	30	27	U	ug/kg	27
1,1-Dichloroethane	680	U	ug/kg	680	6	U	ug/kg	6	30	U	ug/kg	30	27	U	ug/kg	27
1,2-Dichloroethene (total)	680	U	ug/kg	680	6	U	ug/kg	6	30	U	ug/kg	30	27	U	ug/kg	27
Chloroform	680	U	ug/kg	680	6	U	ug/kg	6	30	U	ug/kg	30	27	U	ug/kg	27
1,2-Dichloroethane	680	U	ug/kg	680	6	U	ug/kg	6	30	U	ug/kg	30	27	U	ug/kg	27
2-Butanone	1400	U	ug/kg	1400	11	U	ug/kg	11	61	U	ug/kg	61	55	U	ug/kg	55
1,1,1-Trichloroethane	680	U	ug/kg	680	6	U	ug/kg	6	30	U	ug/kg	30	27	U	ug/kg	27
Carbon tetrachloride	680	U	ug/kg	680	6	U	ug/kg	6	30	U	ug/kg	30	27	U	ug/kg	27
Vinyl acetate	1400	U	ug/kg	1400	11	U	ug/kg	11	61	U	ug/kg	61	55	U	ug/kg	55
Bromodichloromethane	680	U	ug/kg	680	6	U	ug/kg	6	30	U	ug/kg	30	27	U	ug/kg	27
1,2-Dichloropropane	680	U	ug/kg	680	6	U	ug/kg	6	30	U	ug/kg	30	27	U	ug/kg	27
cis-1,3-Dichloropropene	680	U	ug/kg	680	6	U	ug/kg	6	30	U	ug/kg	30	27	U	ug/kg	27
Trichloroethene	680	U	ug/kg	680	6	U	ug/kg	6	30	U	ug/kg	30	27	U	ug/kg	27
Dibromochloromethane	680	U	ug/kg	680	6	U	ug/kg	6	30	U	ug/kg	30	27	U	ug/kg	27
1,1,2-Trichloroethane	680	U	ug/kg	680	6	U	ug/kg	6	30	U	ug/kg	30	27	U	ug/kg	27
Benzene	680	U	ug/kg	680	6	U	ug/kg	6	30	U	ug/kg	30	27	U	ug/kg	27
trans-1,3-Dichloropropene	680	U	ug/kg	680	6	U	ug/kg	6	30	U	ug/kg	30	27	U	ug/kg	27
Bromoform	680	U	ug/kg	680	6	U	ug/kg	6	30	U	ug/kg	30	27	U	ug/kg	27
2-Hexanone	1400	U	ug/kg	1400	11	U	ug/kg	11	61	U	ug/kg	61	55	U	ug/kg	55
4-Methyl-2-pentanone	1400	U	ug/kg	1400	11	U	ug/kg	11	61	U	ug/kg	61	55	U	ug/kg	55
Tetrachloroethene	680	U	ug/kg	680	6	U	ug/kg	6	30	U	ug/kg	30	27	U	ug/kg	27
1,1,2,2-Tetrachloroethane	680	U	ug/kg	680	6	UJ	ug/kg	6	30	UJ	ug/kg	30	27	UJ	ug/kg	27
Toluene	680	U	ug/kg	680	6	U	ug/kg	6	30	U	ug/kg	30	27	U	ug/kg	27
Chlorobenzene	680	U	ug/kg	680	6	U	ug/kg	6	30	U	ug/kg	30	27	U	ug/kg	27
Ethylbenzene	440	J	ug/kg	680	6	U	ug/kg	6	30	U	ug/kg	30	27	U	ug/kg	27
Styrene	680	U	ug/kg	680	6	U	ug/kg	6	30	U	ug/kg	30	27	U	ug/kg	27
Xylenes (total)	3500		ug/kg	680	1	J	ug/kg	6	30	U	ug/kg	30	12	J	ug/kg	27

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UJ = REPORTED QUANTITATION LIMIT IS QUALIFIED AS ESTIMATED
R = RESULT IS REJECTED AND UNUSABLE

WHITING FIELD ANALYTICAL RESULT REPORT
VOLATILE ORGANICS ---- SITE 18 ---- VALIDATD DATA

Lab Sample Number:	22507005				22507006				22506002				22507003					
Site	WHITING				WHITING				WHITING				WHITING					
Locator	18-SL-05				18-SL-06				18-SL-31				18-SL-31A					
Collect Date:	14-AUG-92				14-AUG-92				14-AUG-92				14-AUG-92					
	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL		
CLP VOLATILES 87-SOW																		
Chloromethane	11	U	ug/kg	11	11	U	ug/kg	11	1400	U	ug/kg	1400	56	U	ug/kg	56		
Bromomethane	11	U	ug/kg	11	11	U	ug/kg	11	1400	U	ug/kg	1400	56	U	ug/kg	56		
Vinyl chloride	11	U	ug/kg	11	11	U	ug/kg	11	1400	U	ug/kg	1400	56	U	ug/kg	56		
Chloroethane	11	U	ug/kg	11	11	U	ug/kg	11	1400	U	ug/kg	1400	56	U	ug/kg	56		
Methylene chloride	9	UJ	ug/kg	5	9	UJ	ug/kg	5	710	UJ	ug/kg	710	74	UJ	ug/kg	140		
Acetone	24	UJ	ug/kg	11	52	UJ	ug/kg	11	1400	UJ	ug/kg	1400	60	UJ	ug/kg	280		
Carbon disulfide	5	U	ug/kg	5	5	U	ug/kg	5	710	U	ug/kg	710	11	J	ug/kg	140		
1,1-Dichloroethene	5	U	ug/kg	5	5	U	ug/kg	5	710	U	ug/kg	710	28	U	ug/kg	28		
1,1-Dichloroethane	5	U	ug/kg	5	5	U	ug/kg	5	710	U	ug/kg	710	28	U	ug/kg	28		
1,2-Dichloroethene (total)	5	U	ug/kg	5	5	U	ug/kg	5	710	U	ug/kg	710	28	U	ug/kg	28		
Chloroform	5	U	ug/kg	5	5	U	ug/kg	5	710	U	ug/kg	710	28	U	ug/kg	28		
1,2-Dichloroethane	5	U	ug/kg	5	5	U	ug/kg	5	710	U	ug/kg	710	28	U	ug/kg	28		
2-Butanone	11	U	ug/kg	11	11	U	ug/kg	11	1400	UJ	ug/kg	1400	56	U	ug/kg	56		
1,1,1-Trichloroethane	5	U	ug/kg	5	5	U	ug/kg	5	710	U	ug/kg	710	28	U	ug/kg	28		
Carbon tetrachloride	5	U	ug/kg	5	5	U	ug/kg	5	710	U	ug/kg	710	28	U	ug/kg	28		
Vinyl acetate	11	U	ug/kg	11	11	U	ug/kg	11	1400	U	ug/kg	1400	56	U	ug/kg	56		
Bromodichloromethane	5	U	ug/kg	5	5	U	ug/kg	5	710	U	ug/kg	710	28	U	ug/kg	28		
1,2-Dichloropropane	5	U	ug/kg	5	5	U	ug/kg	5	710	U	ug/kg	710	28	U	ug/kg	28		
cis-1,3-Dichloropropene	5	U	ug/kg	5	5	U	ug/kg	5	710	U	ug/kg	710	28	U	ug/kg	28		
Trichloroethene	5	U	ug/kg	5	5	U	ug/kg	5	710	U	ug/kg	710	28	U	ug/kg	28		
Dibromochloromethane	5	U	ug/kg	5	5	U	ug/kg	5	710	U	ug/kg	710	28	U	ug/kg	28		
1,1,2-Trichloroethane	5	U	ug/kg	5	5	U	ug/kg	5	710	U	ug/kg	710	28	U	ug/kg	28		
Benzene	5	U	ug/kg	5	5	U	ug/kg	5	710	U	ug/kg	710	28	U	ug/kg	28		
trans-1,3-Dichloropropene	5	U	ug/kg	5	5	U	ug/kg	5	710	U	ug/kg	710	28	U	ug/kg	28		
Bromoform	5	U	ug/kg	5	5	U	ug/kg	5	710	U	ug/kg	710	28	U	ug/kg	28		
2-Hexanone	11	U	ug/kg	11	11	U	ug/kg	11	1400	U	ug/kg	1400	56	U	ug/kg	56		
4-Methyl-2-pentanone	11	U	ug/kg	11	11	U	ug/kg	11	1400	U	ug/kg	1400	56	U	ug/kg	56		
Tetrachloroethene	5	U	ug/kg	5	5	U	ug/kg	5	710	U	ug/kg	710	28	U	ug/kg	28		
1,1,2,2-Tetrachloroethane	5	U	ug/kg	5	5	U	ug/kg	5	710	UJ	ug/kg	710	28	U	ug/kg	28		
Toluene	5	U	ug/kg	5	5	U	ug/kg	5	180	J	ug/kg	7	28	U	ug/kg	28		
Chlorobenzene	5	U	ug/kg	5	5	U	ug/kg	5	710	U	ug/kg	710	28	U	ug/kg	28		
Ethylbenzene	5	U	ug/kg	5	5	U	ug/kg	5	290	J	ug/kg	7	28	U	ug/kg	28		
Styrene	5	U	ug/kg	5	5	U	ug/kg	5	710	U	ug/kg	710	28	U	ug/kg	28		
Xylenes (total)	5	U	ug/kg	5	5	U	ug/kg	5	1800		ug/kg	7	54		ug/kg	140		

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R = RESULT IS REJECTED AND UNUSABLE

WHITING FIELD ANALYTICAL RESULT REPORT
VOLATILE ORGANICS ---- SITE 18 ---- VALIDATD DATA

Lab Sample Number:	22506003				22506004				22506005				22506006					
Site	WHITING				WHITING				WHITING				WHITING					
Locator	18-SL-32				18-SL-33				18-SL-34				18-SL-35					
Collect Date:	14-AUG-92				14-AUG-92				14-AUG-92				14-AUG-92					
	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL		
CLP VOLATILES 87-SOW																		
Chloromethane	57	U	ug/kg	57	1500	U	ug/kg	1500	1400	U	ug/kg	1400	59	U	ug/kg	59		
Bromomethane	57	U	ug/kg	57	1500	U	ug/kg	1500	1400	U	ug/kg	1400	59	U	ug/kg	59		
Vinyl chloride	57	U	ug/kg	57	1500	U	ug/kg	1500	1400	U	ug/kg	1400	59	U	ug/kg	59		
Chloroethane	57	U	ug/kg	57	1500	U	ug/kg	1500	1400	U	ug/kg	1400	59	U	ug/kg	59		
Methylene chloride	86	J	ug/kg	140	740	UJ	ug/kg	740	800	UJ	ug/kg	690	76	UJ	ug/kg	29		
Acetone	340	J	ug/kg	290	1500	UJ	ug/kg	1500	1400	UJ	ug/kg	1400	59	UJ	ug/kg	59		
Carbon disulfide	7	J	ug/kg	140	740	U	ug/kg	740	690	U	ug/kg	690	29	U	ug/kg	29		
1,1-Dichloroethene	29	U	ug/kg	29	740	U	ug/kg	740	690	U	ug/kg	690	29	U	ug/kg	29		
1,1-Dichloroethane	29	U	ug/kg	29	740	U	ug/kg	740	690	U	ug/kg	690	29	U	ug/kg	29		
1,2-Dichloroethene (total)	29	U	ug/kg	29	740	U	ug/kg	740	690	U	ug/kg	690	29	U	ug/kg	29		
Chloroform	29	U	ug/kg	29	740	U	ug/kg	740	690	U	ug/kg	690	29	U	ug/kg	29		
1,2-Dichloroethane	29	U	ug/kg	29	740	U	ug/kg	740	690	U	ug/kg	690	29	U	ug/kg	29		
2-Butanone	140		ug/kg	290	1500	UJ	ug/kg	1500	1400	UJ	ug/kg	1400	59	U	ug/kg	59		
1,1,1-Trichloroethane	29	U	ug/kg	29	740	U	ug/kg	740	690	U	ug/kg	690	29	U	ug/kg	29		
Carbon tetrachloride	29	U	ug/kg	29	740	U	ug/kg	740	690	U	ug/kg	690	29	U	ug/kg	29		
Vinyl acetate	57	U	ug/kg	57	1500	U	ug/kg	1500	1400	U	ug/kg	1400	59	U	ug/kg	59		
Bromodichloromethane	29	U	ug/kg	29	740	U	ug/kg	740	690	U	ug/kg	690	29	U	ug/kg	29		
1,2-Dichloropropane	29	U	ug/kg	29	740	U	ug/kg	740	690	U	ug/kg	690	29	U	ug/kg	29		
cis-1,3-Dichloropropene	29	U	ug/kg	29	740	U	ug/kg	740	690	U	ug/kg	690	29	U	ug/kg	29		
Trichloroethene	29	U	ug/kg	29	740	U	ug/kg	740	690	U	ug/kg	690	29	U	ug/kg	29		
Dibromochloromethane	29	U	ug/kg	29	740	U	ug/kg	740	690	U	ug/kg	690	29	U	ug/kg	29		
1,1,2-Trichloroethane	29	U	ug/kg	29	740	U	ug/kg	740	690	U	ug/kg	690	29	U	ug/kg	29		
Benzene	29	U	ug/kg	29	740	U	ug/kg	740	690	U	ug/kg	690	29	U	ug/kg	29		
trans-1,3-Dichloropropene	29	U	ug/kg	29	740	U	ug/kg	740	690	U	ug/kg	690	29	U	ug/kg	29		
Bromoform	29	U	ug/kg	29	740	U	ug/kg	740	690	U	ug/kg	690	29	U	ug/kg	29		
2-Hexanone	57	U	ug/kg	57	1500	U	ug/kg	1500	1400	U	ug/kg	1400	59	U	ug/kg	59		
4-Methyl-2-pentanone	57	U	ug/kg	57	1500	U	ug/kg	1500	1400	U	ug/kg	1400	59	U	ug/kg	59		
Tetrachloroethene	29	U	ug/kg	29	740	U	ug/kg	740	690	U	ug/kg	690	29	U	ug/kg	29		
1,1,2,2-Tetrachloroethane	29	U	ug/kg	29	740	UJ	ug/kg	740	690	UJ	ug/kg	690	29	U	ug/kg	29		
Toluene	170		ug/kg	140	390	J	ug/kg	740	690	U	ug/kg	690	29	U	ug/kg	29		
Chlorobenzene	29	U	ug/kg	29	740	U	ug/kg	740	690	U	ug/kg	690	29	U	ug/kg	29		
Ethylbenzene	73		ug/kg	140	800		ug/kg	7	240	J	ug/kg	690	29	U	ug/kg	29		
Styrene	29	U	ug/kg	29	740	U	ug/kg	740	690	U	ug/kg	690	29	U	ug/kg	29		
Xylenes (total)	530		ug/kg	140	7000		ug/kg	7	2500		ug/kg	690	7	J	ug/kg	150		

U = NOT DETECTED J = ESTIMATED VALUE
UJ - REPORTED QUANTITATION LIMIT IS QUALIFIED AS ESTIMATED
R - RESULT IS REJECTED AND UNUSABLE

WHITING FIELD ANALYTICAL RESULT REPORT
VOLATILE ORGANICS ---- SITE 18 ---- VALIDATD DATA

Lab Sample Number:	22506007				22506008				22507001				22506008DL			
Site	WHITING				WHITING				WHITING				WHITING			
Locator	18-SL-36				18-SL-37				18-SL-37A				18-SL-37 DL			
Collect Date:	14-AUG-92				14-AUG-92				14-AUG-92				14-AUG-92			
	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL
CLP VOLATILES 87-SOW																
Chloromethane	1400	U	ug/kg	1400	54	U	ug/kg	54	53	U	ug/kg	53	1300	U	ug/kg	1300
Bromomethane	1400	U	ug/kg	1400	54	U	ug/kg	54	53	U	ug/kg	53	1300	U	ug/kg	1300
Vinyl chloride	1400	U	ug/kg	1400	54	U	ug/kg	54	53	U	ug/kg	53	1300	U	ug/kg	1300
Chloroethane	1400	U	ug/kg	1400	54	U	ug/kg	54	53	U	ug/kg	53	1300	U	ug/kg	1300
Methylene chloride	680	UJ	ug/kg	680	52	J	ug/kg	27	74	UJ	ug/kg	130	400	UJ	ug/kg	670
Acetone	1400	UJ	ug/kg	1400	1400	J	ug/kg	54	67	UJ	ug/kg	260	1100	UJ	ug/kg	1300
Carbon disulfide	680	U	ug/kg	680	27	U	ug/kg	27	27	U	ug/kg	27	670	U	ug/kg	670
1,1-Dichloroethene	680	U	ug/kg	680	27	U	ug/kg	27	27	U	ug/kg	27	670	U	ug/kg	670
1,1-Dichloroethane	680	U	ug/kg	680	27	U	ug/kg	27	27	U	ug/kg	27	670	U	ug/kg	670
1,2-Dichloroethene (total)	680	U	ug/kg	680	27	U	ug/kg	27	27	U	ug/kg	27	670	U	ug/kg	670
Chloroform	680	U	ug/kg	680	27	U	ug/kg	27	27	U	ug/kg	27	670	U	ug/kg	670
1,2-Dichloroethane	680	U	ug/kg	680	27	U	ug/kg	27	27	U	ug/kg	27	670	U	ug/kg	670
2-Butanone	1400	UJ	ug/kg	1400	54	U	ug/kg	54	53	U	ug/kg	53	1300	UJ	ug/kg	1300
1,1,1-Trichloroethane	680	U	ug/kg	680	27	U	ug/kg	27	27	U	ug/kg	27	670	U	ug/kg	670
Carbon tetrachloride	680	U	ug/kg	680	27	U	ug/kg	27	27	U	ug/kg	27	670	U	ug/kg	670
Vinyl acetate	1400	U	ug/kg	1400	54	U	ug/kg	54	53	U	ug/kg	53	1300	U	ug/kg	1300
Bromodichloromethane	680	U	ug/kg	680	27	U	ug/kg	27	27	U	ug/kg	27	670	U	ug/kg	670
1,2-Dichloropropane	680	U	ug/kg	680	27	U	ug/kg	27	27	U	ug/kg	27	670	U	ug/kg	670
cis-1,3-Dichloropropene	680	U	ug/kg	680	27	U	ug/kg	27	27	U	ug/kg	27	670	U	ug/kg	670
Trichloroethene	680	U	ug/kg	680	27	U	ug/kg	27	27	U	ug/kg	27	670	U	ug/kg	670
Dibromochloromethane	680	U	ug/kg	680	27	U	ug/kg	27	27	U	ug/kg	27	670	U	ug/kg	670
1,1,2-Trichloroethane	680	U	ug/kg	680	27	U	ug/kg	27	27	U	ug/kg	27	670	U	ug/kg	670
Benzene	680	U	ug/kg	680	27	U	ug/kg	27	27	U	ug/kg	27	670	U	ug/kg	670
trans-1,3-Dichloropropene	680	U	ug/kg	680	27	U	ug/kg	27	27	U	ug/kg	27	670	U	ug/kg	670
Bromoform	680	U	ug/kg	680	27	U	ug/kg	27	27	U	ug/kg	27	670	U	ug/kg	670
2-Hexanone	1400	U	ug/kg	1400	54	U	ug/kg	54	53	U	ug/kg	53	1300	U	ug/kg	1300
4-Methyl-2-pentanone	1400	U	ug/kg	1400	54	U	ug/kg	54	53	U	ug/kg	53	1300	U	ug/kg	1300
Tetrachloroethene	680	U	ug/kg	680	27	U	ug/kg	27	27	U	ug/kg	27	670	U	ug/kg	670
1,1,2,2-Tetrachloroethane	680	UJ	ug/kg	680	27	U	ug/kg	27	27	U	ug/kg	27	670	UJ	ug/kg	670
Toluene	210	J	ug/kg	680	27	U	ug/kg	27	27	U	ug/kg	27	670	U	ug/kg	670
Chlorobenzene	680	U	ug/kg	680	27	U	ug/kg	27	27	U	ug/kg	27	670	U	ug/kg	670
Ethylbenzene	320	J	ug/kg	680	27	U	ug/kg	27	27	U	ug/kg	27	670	U	ug/kg	670
Styrene	680	U	ug/kg	680	27	U	ug/kg	27	27	U	ug/kg	27	670	U	ug/kg	670
Xylenes (total)	2700		ug/kg	680	16	J	ug/kg	27	27	U	ug/kg	27	670	U	ug/kg	670

U = NOT DETECTED J = ESTIMATED VALUE
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R = RESULT IS REJECTED AND UNUSABLE

WHITING FIELD ANALYTICAL RESULT REPORT
VOLATILE ORGANICS ---- SITE 18 ---- VALIDATD DATA

Lab Sample Number:	22506009				22506010				22506011				22507002			
Site	WHITING				WHITING				WHITING				WHITING			
Locator	18-SL-38				18-SL-39				18-SL-40				18-SL-41			
Collect Date:	14-AUG-92				14-AUG-92				14-AUG-92				14-AUG-92			
	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL
CLP VOLATILES 87-SOW																
Chloromethane	11	U	ug/kg	11	11	U	ug/kg	11	11	U	ug/kg	11	11	U	ug/kg	11
Bromomethane	11	U	ug/kg	11	11	U	ug/kg	11	11	U	ug/kg	11	11	U	ug/kg	11
Vinyl chloride	11	U	ug/kg	11	11	U	ug/kg	11	11	U	ug/kg	11	11	U	ug/kg	11
Chloroethane	11	U	ug/kg	11	11	U	ug/kg	11	11	U	ug/kg	11	11	U	ug/kg	11
Methylene chloride	49	J	ug/kg	5	18	UJ	ug/kg	5	26	UJ	ug/kg	6	16	UJ	ug/kg	6
Acetone	16	UJ	ug/kg	11	11	UJ	ug/kg	11	11	UJ	ug/kg	11	11	UJ	ug/kg	11
Carbon disulfide	5	U	ug/kg	5	5	U	ug/kg	5	6	U	ug/kg	6	6	U	ug/kg	6
1,1-Dichloroethene	5	U	ug/kg	5	5	U	ug/kg	5	6	U	ug/kg	6	6	U	ug/kg	6
1,1-Dichloroethane	5	U	ug/kg	5	5	U	ug/kg	5	6	U	ug/kg	6	6	U	ug/kg	6
1,2-Dichloroethene (total)	5	U	ug/kg	5	5	U	ug/kg	5	6	U	ug/kg	6	6	U	ug/kg	6
Chloroform	5	U	ug/kg	5	5	U	ug/kg	5	6	U	ug/kg	6	6	U	ug/kg	6
1,2-Dichloroethane	5	U	ug/kg	5	5	U	ug/kg	5	6	U	ug/kg	6	6	U	ug/kg	6
2-Butanone	11	U	ug/kg	11	11	U	ug/kg	11	11	U	ug/kg	11	11	U	ug/kg	11
1,1,1-Trichloroethane	5	U	ug/kg	5	5	U	ug/kg	5	6	U	ug/kg	6	6	U	ug/kg	6
Carbon tetrachloride	5	U	ug/kg	5	5	U	ug/kg	5	6	U	ug/kg	6	6	U	ug/kg	6
Vinyl acetate	11	U	ug/kg	11	11	U	ug/kg	11	11	U	ug/kg	11	11	U	ug/kg	11
Bromodichloromethane	5	U	ug/kg	5	5	U	ug/kg	5	6	U	ug/kg	6	6	U	ug/kg	6
1,2-Dichloropropane	5	U	ug/kg	5	5	U	ug/kg	5	6	U	ug/kg	6	6	U	ug/kg	6
cis-1,3-Dichloropropene	5	U	ug/kg	5	5	U	ug/kg	5	6	U	ug/kg	6	6	U	ug/kg	6
Trichloroethene	5	U	ug/kg	5	5	U	ug/kg	5	6	U	ug/kg	6	6	U	ug/kg	6
Dibromochloromethane	5	U	ug/kg	5	5	U	ug/kg	5	6	U	ug/kg	6	6	U	ug/kg	6
1,1,2-Trichloroethane	5	U	ug/kg	5	5	U	ug/kg	5	6	U	ug/kg	6	6	U	ug/kg	6
Benzene	5	U	ug/kg	5	5	U	ug/kg	5	6	U	ug/kg	6	6	U	ug/kg	6
trans-1,3-Dichloropropene	5	U	ug/kg	5	5	U	ug/kg	5	6	U	ug/kg	6	6	U	ug/kg	6
Bromoform	5	U	ug/kg	5	5	U	ug/kg	5	6	U	ug/kg	6	6	U	ug/kg	6
2-Hexanone	11	U	ug/kg	11	11	U	ug/kg	11	11	U	ug/kg	11	11	U	ug/kg	11
4-Methyl-2-pentanone	11	U	ug/kg	11	11	U	ug/kg	11	11	U	ug/kg	11	11	U	ug/kg	11
Tetrachloroethene	5	U	ug/kg	5	5	U	ug/kg	5	6	U	ug/kg	6	6	U	ug/kg	6
1,1,2,2-Tetrachloroethane	5	U	ug/kg	5	5	U	ug/kg	5	6	U	ug/kg	6	6	U	ug/kg	6
Toluene	5	U	ug/kg	5	5	U	ug/kg	5	6	U	ug/kg	6	6	U	ug/kg	6
Chlorobenzene	5	U	ug/kg	5	5	U	ug/kg	5	6	U	ug/kg	6	6	U	ug/kg	6
Ethylbenzene	5	U	ug/kg	5	5	U	ug/kg	5	6	U	ug/kg	6	6	U	ug/kg	6
Styrene	5	U	ug/kg	5	5	U	ug/kg	5	6	U	ug/kg	6	6	U	ug/kg	6
Xylenes (total)	3	J	ug/kg	5	5	U	ug/kg	5	2	J	ug/kg	6	2	J	ug/kg	6

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WHITING FIELD ANALYTICAL RESULT REPORT
VOLATILE ORGANICS ---- SITE 18 ---- VALIDATD DATA

	22507007				22507008				22507009				22507009R			
Lab Sample Number:																
Site	WHITING				WHITING				WHITING				WHITING			
Locator	18-SL-42				18-SL-43				18-SL-44				18-SL-44_R			
Collect Date:	14-AUG-92				14-AUG-92				14-AUG-92				14-AUG-92			
	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL
CLP VOLATILES 87-SOW																
Chloromethane	11	U	ug/kg	11	11	U	ug/kg	11	11	UJ	ug/kg	11	11	U	ug/kg	11
Bromomethane	11	U	ug/kg	11	11	U	ug/kg	11	11	U	ug/kg	11	11	U	ug/kg	11
Vinyl chloride	11	U	ug/kg	11	11	U	ug/kg	11	11	U	ug/kg	11	11	U	ug/kg	11
Chloroethane	11	U	ug/kg	11	11	U	ug/kg	11	11	U	ug/kg	11	11	U	ug/kg	11
Methylene chloride	41	UJ	ug/kg	5	28	UJ	ug/kg	5	27	UJ	ug/kg	5	34	UJ	ug/kg	5
Acetone	11	UJ	ug/kg	11	21	UJ	ug/kg	11	17	UJ	ug/kg	11	16	UJ	ug/kg	11
Carbon disulfide	1	J	ug/kg	5	5	U	ug/kg	5	1	J	ug/kg	5	4	J	ug/kg	5
1,1-Dichloroethene	5	U	ug/kg	5	5	U	ug/kg	5	5	U	ug/kg	5	5	U	ug/kg	5
1,1-Dichloroethane	5	U	ug/kg	5	5	U	ug/kg	5	5	U	ug/kg	5	5	U	ug/kg	5
1,2-Dichloroethene (total)	5	U	ug/kg	5	5	U	ug/kg	5	5	U	ug/kg	5	5	U	ug/kg	5
Chloroform	5	U	ug/kg	5	5	U	ug/kg	5	5	U	ug/kg	5	5	U	ug/kg	5
1,2-Dichloroethane	5	U	ug/kg	5	5	U	ug/kg	5	5	U	ug/kg	5	5	U	ug/kg	5
2-Butanone	11	U	ug/kg	11	11	U	ug/kg	11	11	U	ug/kg	11	11	U	ug/kg	11
1,1,1-Trichloroethane	5	U	ug/kg	5	5	U	ug/kg	5	5	U	ug/kg	5	5	U	ug/kg	5
Carbon tetrachloride	5	U	ug/kg	5	5	U	ug/kg	5	5	U	ug/kg	5	5	U	ug/kg	5
Vinyl acetate	11	U	ug/kg	11	11	U	ug/kg	11	11	U	ug/kg	11	11	U	ug/kg	11
Bromodichloromethane	5	U	ug/kg	5	5	U	ug/kg	5	5	U	ug/kg	5	5	U	ug/kg	5
1,2-Dichloropropane	5	U	ug/kg	5	5	U	ug/kg	5	5	U	ug/kg	5	5	U	ug/kg	5
cis-1,3-Dichloropropene	5	U	ug/kg	5	5	U	ug/kg	5	5	U	ug/kg	5	5	U	ug/kg	5
Trichloroethene	5	U	ug/kg	5	5	U	ug/kg	5	5	U	ug/kg	5	5	U	ug/kg	5
Dibromochloromethane	5	U	ug/kg	5	5	U	ug/kg	5	5	U	ug/kg	5	5	U	ug/kg	5
1,1,2-Trichloroethane	5	U	ug/kg	5	5	U	ug/kg	5	5	U	ug/kg	5	5	U	ug/kg	5
Benzene	5	U	ug/kg	5	5	U	ug/kg	5	5	U	ug/kg	5	5	U	ug/kg	5
trans-1,3-Dichloropropene	5	U	ug/kg	5	5	U	ug/kg	5	5	U	ug/kg	5	5	U	ug/kg	5
Bromoform	5	U	ug/kg	5	5	U	ug/kg	5	5	U	ug/kg	5	5	U	ug/kg	5
2-Hexanone	11	U	ug/kg	11	11	U	ug/kg	11	11	U	ug/kg	11	11	U	ug/kg	11
4-Methyl-2-pentanone	11	U	ug/kg	11	11	U	ug/kg	11	11	U	ug/kg	11	11	U	ug/kg	11
Tetrachloroethene	5	U	ug/kg	5	5	U	ug/kg	5	5	U	ug/kg	5	5	U	ug/kg	5
1,1,2,2-Tetrachloroethane	5	U	ug/kg	5	5	U	ug/kg	5	5	U	ug/kg	5	5	U	ug/kg	5
Toluene	5	U	ug/kg	5	5	U	ug/kg	5	5	U	ug/kg	5	5	U	ug/kg	5
Chlorobenzene	5	U	ug/kg	5	5	U	ug/kg	5	5	U	ug/kg	5	5	U	ug/kg	5
Ethylbenzene	5	U	ug/kg	5	5	U	ug/kg	5	5	U	ug/kg	5	5	U	ug/kg	5
Styrene	5	U	ug/kg	5	5	U	ug/kg	5	5	U	ug/kg	5	5	U	ug/kg	5
Xylenes (total)	3	J	ug/kg	5	3	J	ug/kg	5	5	U	ug/kg	5	3	J	ug/kg	5

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WHITING FIELD ANALYTICAL RESULT REPORT
VOLATILE ORGANICS ---- SITE 18 ---- VALIDATD DATA

Lab Sample Number:	22507010				22507011				22507012			
Site	WHITING				WHITING				WHITING			
Locator	18-SL-45				18-SL-46				18-SL-47			
Collect Date:	14-AUG-92				14-AUG-92				14-AUG-92			
	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL
CLP VOLATILES 87-SOW												
Chloromethane	11	UJ	ug/kg	11	11	U	ug/kg	11	11	U	ug/kg	11
Bromomethane	11	U	ug/kg	11	11	U	ug/kg	11	11	U	ug/kg	11
Vinyl chloride	11	U	ug/kg	11	11	U	ug/kg	11	11	U	ug/kg	11
Chloroethane	11	U	ug/kg	11	11	U	ug/kg	11	11	U	ug/kg	11
Methylene chloride	30	UJ	ug/kg	5	27	UJ	ug/kg	6	17	UJ	ug/kg	6
Acetone	11	U	ug/kg	11	11	U	ug/kg	11	11	U	ug/kg	11
Carbon disulfide	2	J	ug/kg	5	6	U	ug/kg	6	6	U	ug/kg	6
1,1-Dichloroethene	5	U	ug/kg	5	6	U	ug/kg	6	6	U	ug/kg	6
1,1-Dichloroethane	5	U	ug/kg	5	6	UJ	ug/kg	6	6	UJ	ug/kg	6
1,2-Dichloroethene (total)	5	U	ug/kg	5	6	U	ug/kg	6	6	U	ug/kg	6
Chloroform	5	U	ug/kg	5	6	U	ug/kg	6	6	U	ug/kg	6
1,2-Dichloroethane	5	U	ug/kg	5	6	U	ug/kg	6	6	U	ug/kg	6
2-Butanone	11	U	ug/kg	11	11	UJ	ug/kg	11	11	UJ	ug/kg	11
1,1,1-Trichloroethane	5	U	ug/kg	5	6	U	ug/kg	6	6	U	ug/kg	6
Carbon tetrachloride	5	U	ug/kg	5	6	U	ug/kg	6	6	U	ug/kg	6
Vinyl acetate	11	U	ug/kg	11	11	UJ	ug/kg	11	11	UJ	ug/kg	11
Bromodichloromethane	5	U	ug/kg	5	6	U	ug/kg	6	6	U	ug/kg	6
1,2-Dichloropropane	5	U	ug/kg	5	6	U	ug/kg	6	6	U	ug/kg	6
cis-1,3-Dichloropropene	5	U	ug/kg	5	6	U	ug/kg	6	6	U	ug/kg	6
Trichloroethene	5	U	ug/kg	5	6	U	ug/kg	6	6	U	ug/kg	6
Dibromochloromethane	5	U	ug/kg	5	6	U	ug/kg	6	6	U	ug/kg	6
1,1,2-Trichloroethane	5	U	ug/kg	5	6	U	ug/kg	6	6	U	ug/kg	6
Benzene	5	U	ug/kg	5	6	U	ug/kg	6	6	U	ug/kg	6
trans-1,3-Dichloropropene	5	U	ug/kg	5	6	U	ug/kg	6	6	U	ug/kg	6
Bromoform	5	U	ug/kg	5	6	U	ug/kg	6	6	U	ug/kg	6
2-Hexanone	11	U	ug/kg	11	11	UJ	ug/kg	11	11	UJ	ug/kg	11
4-Methyl-2-pentanone	11	U	ug/kg	11	11	U	ug/kg	11	11	U	ug/kg	11
Tetrachloroethene	5	U	ug/kg	5	6	U	ug/kg	6	6	U	ug/kg	6
1,1,2,2-Tetrachloroethane	5	U	ug/kg	5	6	U	ug/kg	6	6	U	ug/kg	6
Toluene	5	U	ug/kg	5	6	U	ug/kg	6	6	U	ug/kg	6
Chlorobenzene	5	U	ug/kg	5	6	U	ug/kg	6	6	U	ug/kg	6
Ethylbenzene	5	U	ug/kg	5	6	U	ug/kg	6	6	U	ug/kg	6
Styrene	5	U	ug/kg	5	6	U	ug/kg	6	6	U	ug/kg	6
Xylenes (total)	5	U	ug/kg	5	2	J	ug/kg	6	6	U	ug/kg	6

U = NOT DETECTED J = ESTIMATED VALUE
UJ = REPORTED QUANTITATION LIMIT IS QUALIFIED AS ESTIMATED
R = RESULT IS REJECTED AND UNUSABLE

WHITING FIELD ANAL..ICAL RESULT REPORT
SEMIVOLATILE COMPOUNDS ---- SITE 18 ---- VALIDATD DATA

Lab Sample Number:	22481001				22481002				22481M01				22481D01	
Site	WHITING				WHITING				WHITING				WHITING	
Locator	18-SL-01				18-SL-01A				18-SL-01MS				18-SL-01MSD	
Collect Date:	12-AUG-92				12-AUG-92				12-AUG-92				12-AUG-92	
	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL
CLP SEMIVOLATILES 87-SOW																
Phenol	3000	U	ug/kg	3000	3100	U	ug/kg	3100	3000	U	ug/kg	3000	3000	U	ug/kg	3000
bis(2-Chloroethyl) ether	3000	U	ug/kg	3000	3100	U	ug/kg	3100	3000	U	ug/kg	3000	3000	U	ug/kg	3000
2-Chlorophenol	3000	U	ug/kg	3000	3100	U	ug/kg	3100	3000	U	ug/kg	3000	3000	U	ug/kg	3000
1,3-Dichlorobenzene	3000	U	ug/kg	3000	3100	U	ug/kg	3100	3000	U	ug/kg	3000	3000	U	ug/kg	3000
1,4-Dichlorobenzene	3000	U	ug/kg	3000	3100	U	ug/kg	3100	3000	U	ug/kg	3000	3000	U	ug/kg	3000
Benzyl alcohol	3000	U	ug/kg	3000	3100	U	ug/kg	3100	3000	U	ug/kg	3000	3000	U	ug/kg	3000
1,2-Dichlorobenzene	3000	U	ug/kg	3000	3100	U	ug/kg	3100	3000	U	ug/kg	3000	3000	U	ug/kg	3000
2-Methylphenol	3000	U	ug/kg	3000	3100	U	ug/kg	3100	3000	U	ug/kg	3000	3000	U	ug/kg	3000
Bis(2-Chloroisopropyl) ether	3000	U	ug/kg	3000	3100	U	ug/kg	3100	3000	U	ug/kg	3000	3000	U	ug/kg	3000
4-Methylphenol	3000	U	ug/kg	3000	3100	U	ug/kg	3100	3000	U	ug/kg	3000	3000	U	ug/kg	3000
N-Nitroso-di-n-propylamine	3000	U	ug/kg	3000	3100	U	ug/kg	3100	3000	U	ug/kg	3000	3000	U	ug/kg	3000
Hexachloroethane	3000	U	ug/kg	3000	3100	U	ug/kg	3100	3000	U	ug/kg	3000	3000	U	ug/kg	3000
Nitrobenzene	3000	U	ug/kg	3000	3100	U	ug/kg	3100	3000	U	ug/kg	3000	3000	U	ug/kg	3000
Isophorone	3000	U	ug/kg	3000	3100	U	ug/kg	3100	3000	U	ug/kg	3000	3000	U	ug/kg	3000
2-Nitrophenol	3000	U	ug/kg	3000	3100	U	ug/kg	3100	3000	U	ug/kg	3000	3000	U	ug/kg	3000
2,4-Dimethylphenol	3000	U	ug/kg	3000	3100	U	ug/kg	3100	3000	U	ug/kg	3000	3000	U	ug/kg	3000
Benzoic acid	15000	U	ug/kg	15000	15000	U	ug/kg	15000	15000	U	ug/kg	15000	15000	U	ug/kg	15000
bis(2-Chloroethoxy) methane	3000	U	ug/kg	3000	3100	U	ug/kg	3100	3000	U	ug/kg	3000	3000	U	ug/kg	3000
2,4-Dichlorophenol	3000	U	ug/kg	3000	3100	U	ug/kg	3100	3000	U	ug/kg	3000	3000	U	ug/kg	3000
1,2,4-Trichlorobenzene	3000	U	ug/kg	3000	3100	U	ug/kg	3100	3000	U	ug/kg	3000	3000	U	ug/kg	3000
Naphthalene	3000	U	ug/kg	3000	3100	U	ug/kg	3100	3000	U	ug/kg	3000	3000	U	ug/kg	3000
4-Chloroaniline	3000	U	ug/kg	3000	3100	U	ug/kg	3100	3000	U	ug/kg	3000	3000	U	ug/kg	3000
Hexachlorobutadiene	3000	U	ug/kg	3000	3100	U	ug/kg	3100	3000	U	ug/kg	3000	3000	U	ug/kg	3000
4-Chloro-3-methylphenol	3000	U	ug/kg	3000	3100	U	ug/kg	3100	3000	U	ug/kg	3000	3000	U	ug/kg	3000
2-Methylnaphthalene	3000	U	ug/kg	3000	3100	U	ug/kg	3100	3000	U	ug/kg	3000	3000	U	ug/kg	3000
Hexachlorocyclopentadiene	3000	U	ug/kg	3000	3100	U	ug/kg	3100	3000	U	ug/kg	3000	3000	U	ug/kg	3000
2,4,6-Trichlorophenol	3000	U	ug/kg	3000	3100	U	ug/kg	3100	3000	U	ug/kg	3000	3000	U	ug/kg	3000
2,4,5-Trichlorophenol	15000	U	ug/kg	15000	15000	U	ug/kg	15000	15000	U	ug/kg	15000	15000	U	ug/kg	15000
2-Chloronaphthalene	3000	U	ug/kg	3000	3100	U	ug/kg	3100	3000	U	ug/kg	3000	3000	U	ug/kg	3000
2-Nitroaniline	15000	UJ	ug/kg	15000	15000	UJ	ug/kg	15000	15000	U	ug/kg	15000	15000	U	ug/kg	15000
Dimethylphthalate	3000	U	ug/kg	3000	3100	U	ug/kg	3100	3000	U	ug/kg	3000	3000	U	ug/kg	3000
Acenaphthylene	3000	U	ug/kg	3000	3100	U	ug/kg	3100	3000	U	ug/kg	3000	3000	U	ug/kg	3000
2,6-Dinitrotoluene	3000	UJ	ug/kg	3000	3100	UJ	ug/kg	3100	3000	U	ug/kg	3000	3000	U	ug/kg	3000
3-Nitroaniline	15000	U	ug/kg	15000	15000	U	ug/kg	15000	15000	U	ug/kg	15000	15000	U	ug/kg	15000
Acenaphthene	3000	U	ug/kg	3000	3100	U	ug/kg	3100	3000	U	ug/kg	3000	3000	U	ug/kg	3000
2,4-Dinitrophenol	15000	UJ	ug/kg	15000	15000	UJ	ug/kg	15000	15000	U	ug/kg	15000	15000	U	ug/kg	15000
4-Nitrophenol	15000	UJ	ug/kg	15000	15000	UJ	ug/kg	15000	15000	U	ug/kg	15000	15000	U	ug/kg	15000
Dibenzofuran	3000	U	ug/kg	3000	3100	U	ug/kg	3100	3000	U	ug/kg	3000	3000	U	ug/kg	3000
2,4-Dinitrotoluene	3000	U	ug/kg	3000	3100	U	ug/kg	3100	3000	U	ug/kg	3000	3000	U	ug/kg	3000
Diethylphthalate	3000	U	ug/kg	3000	3100	U	ug/kg	3100	3000	U	ug/kg	3000	3000	U	ug/kg	3000
4-Chlorophenyl-phenylether	3000	U	ug/kg	3000	3100	U	ug/kg	3100	3000	U	ug/kg	3000	3000	U	ug/kg	3000
Fluorene	3000	U	ug/kg	3000	3100	U	ug/kg	3100	3000	U	ug/kg	3000	3000	U	ug/kg	3000
4-Nitroaniline	15000	UJ	ug/kg	15000	15000	UJ	ug/kg	15000	15000	U	ug/kg	15000	15000	U	ug/kg	15000
4,6-Dinitro-2-methylphenol	15000	U	ug/kg	15000	15000	U	ug/kg	15000	15000	U	ug/kg	15000	15000	U	ug/kg	15000
N-Nitrosodiphenylamine (1)	3000	U	ug/kg	3000	3100	U	ug/kg	3100	3000	U	ug/kg	3000	3000	U	ug/kg	3000
4-Bromophenyl-phenylether	3000	U	ug/kg	3000	3100	U	ug/kg	3100	3000	U	ug/kg	3000	3000	U	ug/kg	3000
Hexachlorobenzene	3000	U	ug/kg	3000	3100	U	ug/kg	3100	3000	U	ug/kg	3000	3000	U	ug/kg	3000
Pentachlorophenol	15000	U	ug/kg	15000	15000	U	ug/kg	15000	15000	U	ug/kg	15000	15000	U	ug/kg	15000
Phenanthrene	3000	U	ug/kg	3000	3100	U	ug/kg	3100	3000	U	ug/kg	3000	3000	U	ug/kg	3000
Anthracene	3000	U	ug/kg	3000	3100	U	ug/kg	3100	3000	U	ug/kg	3000	3000	U	ug/kg	3000
Di-n-butylphthalate	3000	U	ug/kg	3000	3100	U	ug/kg	3100	3000	U	ug/kg	3000	3000	U	ug/kg	3000
Fluoranthene	3000	U	ug/kg	3000	3100	U	ug/kg	3100	3000	U	ug/kg	3000	3000	U	ug/kg	3000
Pyrene	3000	U	ug/kg	3000	3100	U	ug/kg	3100	3000	U	ug/kg	3000	3000	U	ug/kg	3000

WHITING FIELD ANAL...CAL RESULT REPORT
SEMIVOLATILE COMPOUNDS ---- SITE 18 ---- VALIDATD DATA

Lab Sample Number:	22481001				22481002				22481M01				22481D01			
Site	WHITING				WHITING				WHITING				WHITING			
Locator	18-SL-01				18-SL-01A				18-SL-01MS				18-SL-01MSD			
Collect Date:	12-AUG-92				12-AUG-92				12-AUG-92				12-AUG-92			
	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL
Butylbenzylphthalate	3000	U	ug/kg	3000	3100	U	ug/kg	3100	3000	U	ug/kg	3000	3000	U	ug/kg	3000
3,3-Dichlorobenzidine	6000	U	ug/kg	6000	6200	U	ug/kg	6200	6000	U	ug/kg	6000	6000	U	ug/kg	6000
Benzo (a) anthracene	3000	U	ug/kg	3000	3100	U	ug/kg	3100	3000	U	ug/kg	3000	3000	U	ug/kg	3000
Chrysene	3000	U	ug/kg	3000	3100	U	ug/kg	3100	3000	U	ug/kg	3000	3000	U	ug/kg	3000
bis(2-Ethylhexyl) phthalate	700	J	ug/kg	3000	1200	J	ug/kg	3100	660	J	ug/kg	3000	780	J	ug/kg	3000
Di-n-octylphthalate	3000	U	ug/kg	3000	3100	U	ug/kg	3100	3000	U	ug/kg	3000	3000	U	ug/kg	3000
Benzo (b) fluoranthene	3000	U	ug/kg	3000	3100	U	ug/kg	3100	3000	U	ug/kg	3000	3000	U	ug/kg	3000
Benzo (k) fluoranthene	3000	U	ug/kg	3000	3100	U	ug/kg	3100	3000	U	ug/kg	3000	3000	U	ug/kg	3000
Benzo (a) pyrene	3000	U	ug/kg	3000	3100	U	ug/kg	3100	3000	U	ug/kg	3000	3000	U	ug/kg	3000
Indeno (1,2,3-cd) pyrene	3000	U	ug/kg	3000	3100	U	ug/kg	3100	3000	U	ug/kg	3000	3000	U	ug/kg	3000
Dibenz (a,h) anthracene	3000	U	ug/kg	3000	3100	U	ug/kg	3100	3000	U	ug/kg	3000	3000	U	ug/kg	3000
Benzo (g,h,i) perylene	3000	U	ug/kg	3000	3100	U	ug/kg	3100	3000	U	ug/kg	3000	3000	U	ug/kg	3000

U = NOT DETECTED J = ESTIMATED VALUE
UJ = REPORTED QUANTITATION LIMIT IS QUALIFIED AS ESTIMATED
R = ULT IS REJECTED AND UNUSABLE

WHITING FIELD ANAL...CAL RESULT REPORT
SEMIVOLATILE COMPOUNDS ---- SITE 18 ---- VALIDATD DATA

Lab Sample Number:	22462010				22462011				22462012				22488001			
Site	WHITING				WHITING				WHITING				WHITING			
Locator	18-SL-02				18-SL-03				18-SL-04				18-SL-07			
Collect Date:	12-AUG-92				12-AUG-92				12-AUG-92				13-AUG-92			
	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL
CLP SEMIVOLATILES 87-SOW																
Phenol	380	U	ug/kg	380	350	U	ug/kg	350	3300	U	ug/kg	3300	380	U	ug/kg	380
bis(2-Chloroethyl) ether	380	U	ug/kg	380	350	U	ug/kg	350	3300	U	ug/kg	3300	380	U	ug/kg	380
2-Chlorophenol	380	U	ug/kg	380	350	U	ug/kg	350	3300	U	ug/kg	3300	380	U	ug/kg	380
1,3-Dichlorobenzene	380	U	ug/kg	380	350	U	ug/kg	350	3300	U	ug/kg	3300	380	U	ug/kg	380
1,4-Dichlorobenzene	380	U	ug/kg	380	350	U	ug/kg	350	3300	U	ug/kg	3300	380	U	ug/kg	380
Benzyl alcohol	380	U	ug/kg	380	350	U	ug/kg	350	3300	U	ug/kg	3300	380	U	ug/kg	380
1,2-Dichlorobenzene	380	U	ug/kg	380	350	U	ug/kg	350	3300	U	ug/kg	3300	380	U	ug/kg	380
2-Methylphenol	380	U	ug/kg	380	350	U	ug/kg	350	3300	U	ug/kg	3300	380	U	ug/kg	380
Bis(2-Chloroisopropyl) ether	380	U	ug/kg	380	350	U	ug/kg	350	3300	U	ug/kg	3300	380	UJ	ug/kg	380
4-Methylphenol	380	U	ug/kg	380	350	U	ug/kg	350	3300	U	ug/kg	3300	380	U	ug/kg	380
N-Nitroso-di-n-propylamine	380	U	ug/kg	380	350	U	ug/kg	350	3300	U	ug/kg	3300	380	U	ug/kg	380
Hexachloroethane	380	U	ug/kg	380	350	U	ug/kg	350	3300	U	ug/kg	3300	380	U	ug/kg	380
Nitrobenzene	380	U	ug/kg	380	350	U	ug/kg	350	3300	U	ug/kg	3300	380	U	ug/kg	380
Isophorone	380	U	ug/kg	380	350	U	ug/kg	350	3300	U	ug/kg	3300	380	U	ug/kg	380
2-Nitrophenol	380	U	ug/kg	380	350	U	ug/kg	350	3300	U	ug/kg	3300	380	U	ug/kg	380
2,4-Dimethylphenol	380	U	ug/kg	380	350	U	ug/kg	350	3300	U	ug/kg	3300	380	U	ug/kg	380
Benzoic acid	1900	U	ug/kg	1900	1700	U	ug/kg	1700	16000	U	ug/kg	16000	1800	U	ug/kg	1800
bis(2-Chloroethoxy) methane	380	U	ug/kg	380	350	U	ug/kg	350	3300	U	ug/kg	3300	380	U	ug/kg	380
2,4-Dichlorophenol	380	U	ug/kg	380	350	U	ug/kg	350	3300	U	ug/kg	3300	380	U	ug/kg	380
1,2,4-Trichlorobenzene	380	U	ug/kg	380	350	U	ug/kg	350	3300	U	ug/kg	3300	380	U	ug/kg	380
Naphthalene	380	U	ug/kg	380	350	U	ug/kg	350	3300	U	ug/kg	3300	380	U	ug/kg	380
4-Chloroaniline	380	U	ug/kg	380	350	U	ug/kg	350	3300	U	ug/kg	3300	380	U	ug/kg	380
Hexachlorobutadiene	380	U	ug/kg	380	350	U	ug/kg	350	3300	U	ug/kg	3300	380	U	ug/kg	380
4-Chloro-3-methylphenol	380	U	ug/kg	380	350	U	ug/kg	350	3300	U	ug/kg	3300	380	U	ug/kg	380
2-Methylnaphthalene	380	U	ug/kg	380	350	U	ug/kg	350	3300	U	ug/kg	3300	380	U	ug/kg	380
Hexachlorocyclopentadiene	380	U	ug/kg	380	350	U	ug/kg	350	3300	U	ug/kg	3300	380	U	ug/kg	380
2,4,6-Trichlorophenol	380	U	ug/kg	380	350	U	ug/kg	350	3300	U	ug/kg	3300	380	U	ug/kg	380
2,4,5-Trichlorophenol	1900	U	ug/kg	1900	1700	U	ug/kg	1700	16000	U	ug/kg	16000	1800	U	ug/kg	1800
2-Chloronaphthalene	380	U	ug/kg	380	350	U	ug/kg	350	3300	U	ug/kg	3300	380	U	ug/kg	380
2-Nitroaniline	1900	U	ug/kg	1900	1700	U	ug/kg	1700	16000	UJ	ug/kg	16000	1800	UJ	ug/kg	1800
Dimethylphthalate	380	U	ug/kg	380	350	U	ug/kg	350	3300	U	ug/kg	3300	380	U	ug/kg	380
Acenaphthylene	380	U	ug/kg	380	350	U	ug/kg	350	3300	U	ug/kg	3300	380	U	ug/kg	380
2,6-Dinitrotoluene	380	U	ug/kg	380	350	U	ug/kg	350	3300	UJ	ug/kg	3300	380	UJ	ug/kg	380
3-Nitroaniline	1900	U	ug/kg	1900	1700	U	ug/kg	1700	16000	U	ug/kg	16000	1800	U	ug/kg	1800
Acenaphthene	380	U	ug/kg	380	350	U	ug/kg	350	3300	U	ug/kg	3300	380	U	ug/kg	380
2,4-Dinitrophenol	1900	U	ug/kg	1900	1700	U	ug/kg	1700	16000	UJ	ug/kg	16000	1800	UJ	ug/kg	1800
4-Nitrophenol	1900	U	ug/kg	1900	1700	U	ug/kg	1700	16000	UJ	ug/kg	16000	1800	UJ	ug/kg	1800
Dibenzofuran	380	U	ug/kg	380	350	U	ug/kg	350	3300	U	ug/kg	3300	380	U	ug/kg	380
2,4-Dinitrotoluene	380	U	ug/kg	380	350	U	ug/kg	350	3300	U	ug/kg	3300	380	U	ug/kg	380
Diethylphthalate	380	U	ug/kg	380	350	U	ug/kg	350	3300	U	ug/kg	3300	380	U	ug/kg	380
4-Chlorophenyl-phenylether	380	U	ug/kg	380	350	U	ug/kg	350	3300	U	ug/kg	3300	380	U	ug/kg	380
Fluorene	380	U	ug/kg	380	350	U	ug/kg	350	3300	U	ug/kg	3300	380	U	ug/kg	380
4-Nitroaniline	1900	UJ	ug/kg	1900	1700	UJ	ug/kg	1700	16000	UJ	ug/kg	16000	1800	U	ug/kg	1800
4,6-Dinitro-2-methylphenol	1900	U	ug/kg	1900	1700	U	ug/kg	1700	16000	U	ug/kg	16000	1800	U	ug/kg	1800
N-Nitrosodiphenylamine (1)	380	U	ug/kg	380	350	U	ug/kg	350	3300	U	ug/kg	3300	380	U	ug/kg	380
4-Bromophenyl-phenylether	380	U	ug/kg	380	350	U	ug/kg	350	3300	U	ug/kg	3300	380	U	ug/kg	380
Hexachlorobenzene	380	U	ug/kg	380	350	U	ug/kg	350	3300	U	ug/kg	3300	380	U	ug/kg	380
Pentachlorophenol	1900	U	ug/kg	1900	1700	U	ug/kg	1700	16000	U	ug/kg	16000	1800	U	ug/kg	1800
Phenanthrene	380	U	ug/kg	380	350	U	ug/kg	350	3300	U	ug/kg	3300	380	U	ug/kg	380
Anthracene	380	U	ug/kg	380	350	U	ug/kg	350	3300	U	ug/kg	3300	380	U	ug/kg	380
Di-n-butylphthalate	380	UJ	ug/kg	380	350	UJ	ug/kg	350	3300	U	ug/kg	3300	380	U	ug/kg	380
Fluoranthene	380	U	ug/kg	380	350	U	ug/kg	350	3300	U	ug/kg	3300	380	U	ug/kg	380

WHITING FIELD ANAL..CAL RESULT REPORT
SEMIVOLATILE COMPOUNDS ---- SITE 18 ---- VALIDATD DATA

Lab Sample Number:	22462010				22462011				22462012				22488001			
Site	WHITING				WHITING				WHITING				WHITING			
Locator	18-SL-02				18-SL-03				18-SL-04				18-SL-07			
Collect Date:	12-AUG-92				12-AUG-92				12-AUG-92				13-AUG-92			
	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL
Pyrene	380	UJ	ug/kg	380	350	UJ	ug/kg	350	3300	U	ug/kg	3300	380	U	ug/kg	380
Butylbenzylphthalate	380	UJ	ug/kg	380	350	UJ	ug/kg	350	3300	U	ug/kg	3300	380	UJ	ug/kg	380
3,3-Dichlorobenzidine	770	U	ug/kg	770	690	U	ug/kg	690	6500	U	ug/kg	6500	760	U	ug/kg	760
Benzo (a) anthracene	380	U	ug/kg	380	350	U	ug/kg	350	3300	U	ug/kg	3300	380	U	ug/kg	380
Chrysene	380	UJ	ug/kg	380	350	UJ	ug/kg	350	3300	U	ug/kg	3300	380	U	ug/kg	380
bis(2-Ethylhexyl) phthalate	380	UJ	ug/kg	380	350	UJ	ug/kg	350	1000	J	ug/kg	3200	56	J	ug/kg	380
Di-n-octylphthalate	380	U	ug/kg	380	350	U	ug/kg	350	3300	U	ug/kg	3300	380	U	ug/kg	380
Benzo (b) fluoranthene	380	U	ug/kg	380	350	U	ug/kg	350	3300	U	ug/kg	3300	380	UJ	ug/kg	380
Benzo (k) fluoranthene	380	U	ug/kg	380	350	U	ug/kg	350	3300	U	ug/kg	3300	380	U	ug/kg	380
Benzo (a) pyrene	380	U	ug/kg	380	350	U	ug/kg	350	3300	U	ug/kg	3300	380	U	ug/kg	380
Indeno (1,2,3-cd) pyrene	380	U	ug/kg	380	350	U	ug/kg	350	3300	U	ug/kg	3300	380	U	ug/kg	380
Dibenz (a,h) anthracene	380	U	ug/kg	380	350	U	ug/kg	350	3300	U	ug/kg	3300	380	U	ug/kg	380
Benzo (g,h,i) perylene	380	U	ug/kg	380	350	U	ug/kg	350	3300	U	ug/kg	3300	380	U	ug/kg	380

U = NOT DETECTED J = ESTIMATED VALUE
UJ = REPORTED QUANTITATION LIMIT IS QUALIFIED AS ESTIMATED
R - ULT IS REJECTED AND UNUSABLE

WHITING FIELD ANAL...CAL RESULT REPORT
SEMIVOLATILE COMPOUNDS ---- SITE 18 ---- VALIDATD DATA

Lab Sample Number:	22488002				22488003				22489001				22489002			
Site	WHITING				WHITING				WHITING				WHITING			
Locator	18-SL-08				18-SL-09				18-SL-10				18-SL-10A			
Collect Date:	13-AUG-92				13-AUG-92				13-AUG-92				13-AUG-92			
	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL
CLP SEMIVOLATILES 87-SOW																
Phenol	360	U	ug/kg	360	1900	U	ug/kg	1900	3700	U	ug/kg	3700	3700	U	ug/kg	3700
bis(2-Chloroethyl) ether	360	U	ug/kg	360	1900	U	ug/kg	1900	3700	U	ug/kg	3700	3700	U	ug/kg	3700
2-Chlorophenol	360	U	ug/kg	360	1900	U	ug/kg	1900	3700	U	ug/kg	3700	3700	U	ug/kg	3700
1,3-Dichlorobenzene	360	U	ug/kg	360	1900	U	ug/kg	1900	3700	U	ug/kg	3700	3700	U	ug/kg	3700
1,4-Dichlorobenzene	360	U	ug/kg	360	1900	U	ug/kg	1900	3700	U	ug/kg	3700	3700	U	ug/kg	3700
Benzyl alcohol	360	U	ug/kg	360	1900	U	ug/kg	1900	3700	U	ug/kg	3700	3700	U	ug/kg	3700
1,2-Dichlorobenzene	360	U	ug/kg	360	1900	U	ug/kg	1900	3700	U	ug/kg	3700	3700	U	ug/kg	3700
2-Methylphenol	360	U	ug/kg	360	1900	U	ug/kg	1900	3700	U	ug/kg	3700	3700	U	ug/kg	3700
Bis(2-Chloroisopropyl) ether	360	U	ug/kg	360	1900	U	ug/kg	1900	3700	U	ug/kg	3700	3700	U	ug/kg	3700
4-Methylphenol	360	U	ug/kg	360	1900	U	ug/kg	1900	3700	U	ug/kg	3700	3700	U	ug/kg	3700
N-Nitroso-di-n-propylamine	360	U	ug/kg	360	1900	U	ug/kg	1900	3700	U	ug/kg	3700	3700	U	ug/kg	3700
Hexachloroethane	360	U	ug/kg	360	1900	U	ug/kg	1900	3700	U	ug/kg	3700	3700	U	ug/kg	3700
Nitrobenzene	360	U	ug/kg	360	1900	U	ug/kg	1900	3700	U	ug/kg	3700	3700	U	ug/kg	3700
Isophorone	360	U	ug/kg	360	1900	U	ug/kg	1900	3700	U	ug/kg	3700	3700	U	ug/kg	3700
2-Nitrophenol	360	U	ug/kg	360	1900	U	ug/kg	1900	3700	U	ug/kg	3700	3700	U	ug/kg	3700
2,4-Dimethylphenol	360	U	ug/kg	360	1900	U	ug/kg	1900	3700	U	ug/kg	3700	3700	U	ug/kg	3700
Benzoic acid	1800	U	ug/kg	1800	9300	U	ug/kg	9300	18000	U	ug/kg	18000	18000	U	ug/kg	18000
bis(2-Chloroethoxy) methane	360	U	ug/kg	360	1900	U	ug/kg	1900	3700	U	ug/kg	3700	3700	U	ug/kg	3700
2,4-Dichlorophenol	360	U	ug/kg	360	1900	U	ug/kg	1900	3700	U	ug/kg	3700	3700	U	ug/kg	3700
1,2,4-Trichlorobenzene	360	U	ug/kg	360	1900	U	ug/kg	1900	3700	U	ug/kg	3700	3700	U	ug/kg	3700
Naphthalene	360	U	ug/kg	360	2200		ug/kg	1900	3700	U	ug/kg	3700	3700	U	ug/kg	3700
4-Chloroaniline	360	U	ug/kg	360	1900	U	ug/kg	1900	3700	U	ug/kg	3700	3700	U	ug/kg	3700
Hexachlorobutadiene	360	U	ug/kg	360	1900	U	ug/kg	1900	3700	U	ug/kg	3700	3700	U	ug/kg	3700
4-Chloro-3-methylphenol	360	U	ug/kg	360	1900	U	ug/kg	1900	3700	U	ug/kg	3700	3700	U	ug/kg	3700
2-Methylnaphthalene	360	U	ug/kg	360	8100		ug/kg	1900	1100	J	ug/kg	3800	3700	U	ug/kg	3700
Hexachlorocyclopentadiene	360	U	ug/kg	360	1900	U	ug/kg	1900	3700	U	ug/kg	3700	3700	U	ug/kg	3700
2,4,6-Trichlorophenol	360	U	ug/kg	360	1900	U	ug/kg	1900	3700	U	ug/kg	3700	3700	U	ug/kg	3700
2,4,5-Trichlorophenol	1800	U	ug/kg	1800	9300	U	ug/kg	9300	18000	U	ug/kg	18000	18000	U	ug/kg	18000
2-Chloronaphthalene	360	U	ug/kg	360	1900	U	ug/kg	1900	3700	U	ug/kg	3700	3700	U	ug/kg	3700
2-Nitroaniline	1800	U	ug/kg	1800	9300	U	ug/kg	9300	18000	UJ	ug/kg	18000	18000	UJ	ug/kg	18000
Dimethylphthalate	360	U	ug/kg	360	1900	U	ug/kg	1900	3700	U	ug/kg	3700	3700	U	ug/kg	3700
Acenaphthylene	360	U	ug/kg	360	1900	U	ug/kg	1900	3700	U	ug/kg	3700	3700	U	ug/kg	3700
2,6-Dinitrotoluene	360	U	ug/kg	360	1900	U	ug/kg	1900	3700	UJ	ug/kg	3700	3700	UJ	ug/kg	3700
3-Nitroaniline	1800	U	ug/kg	1800	9300	U	ug/kg	9300	18000	U	ug/kg	18000	18000	U	ug/kg	18000
Acenaphthene	360	U	ug/kg	360	1900	U	ug/kg	1900	3700	U	ug/kg	3700	3700	U	ug/kg	3700
2,4-Dinitrophenol	1800	U	ug/kg	1800	9300	U	ug/kg	9300	18000	UJ	ug/kg	18000	18000	UJ	ug/kg	18000
4-Nitrophenol	1800	U	ug/kg	1800	9300	U	ug/kg	9300	18000	UJ	ug/kg	18000	18000	UJ	ug/kg	18000
Dibenzofuran	360	U	ug/kg	360	1900	U	ug/kg	1900	3700	U	ug/kg	3700	3700	U	ug/kg	3700
2,4-Dinitrotoluene	360	U	ug/kg	360	1900	U	ug/kg	1900	3700	U	ug/kg	3700	3700	U	ug/kg	3700
Diethylphthalate	360	U	ug/kg	360	1900	U	ug/kg	1900	3700	U	ug/kg	3700	3700	U	ug/kg	3700
4-Chlorophenyl-phenylether	360	U	ug/kg	360	1900	U	ug/kg	1900	3700	U	ug/kg	3700	3700	U	ug/kg	3700
Fluorene	360	UJ	ug/kg	360	1900	UJ	ug/kg	1900	3700	U	ug/kg	3700	3700	U	ug/kg	3700
4-Nitroaniline	1800	U	ug/kg	1800	9300	U	ug/kg	9300	18000	UJ	ug/kg	18000	18000	UJ	ug/kg	18000
4,6-Dinitro-2-methylphenol	1800	U	ug/kg	1800	9300	U	ug/kg	9300	18000	U	ug/kg	18000	18000	U	ug/kg	18000
N-Nitrosodiphenylamine (1)	360	U	ug/kg	360	1900	U	ug/kg	1900	3700	U	ug/kg	3700	3700	U	ug/kg	3700
4-Bromophenyl-phenylether	360	U	ug/kg	360	1900	U	ug/kg	1900	3700	U	ug/kg	3700	3700	U	ug/kg	3700
Hexachlorobenzene	360	U	ug/kg	360	1900	U	ug/kg	1900	3700	U	ug/kg	3700	3700	U	ug/kg	3700
Pentachlorophenol	1800	U	ug/kg	1800	9300	U	ug/kg	9300	18000	U	ug/kg	18000	18000	U	ug/kg	18000
Phenanthrene	360	U	ug/kg	360	1900	U	ug/kg	1900	3700	U	ug/kg	3700	3700	U	ug/kg	3700
Anthracene	360	U	ug/kg	360	1900	U	ug/kg	1900	3700	U	ug/kg	3700	3700	U	ug/kg	3700
Di-n-butylphthalate	360	UJ	ug/kg	360	1900	U	ug/kg	1900	3700	U	ug/kg	3700	3700	U	ug/kg	3700
Fluoranthene	360	U	ug/kg	360	1900	U	ug/kg	1900	3700	U	ug/kg	3700	3700	U	ug/kg	3700

WHITING FIELD ANAL...CAL RESULT REPORT
SEMIVOLATILE COMPOUNDS ---- SITE 18 ---- VALIDATD DATA

Lab Sample Number:	22488002				22488003				22489001				22489002			
Site	WHITING				WHITING				WHITING				WHITING			
Locator	18-SL-08				18-SL-09				18-SL-10				18-SL-10A			
Collect Date:	13-AUG-92				13-AUG-92				13-AUG-92				13-AUG-92			
	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL
Pyrene	360	U	ug/kg	360	1900	U	ug/kg	1900	3700	U	ug/kg	3700	3700	U	ug/kg	3700
Butylbenzylphthalate	360	U	ug/kg	360	1900	U	ug/kg	1900	3700	U	ug/kg	3700	3700	U	ug/kg	3700
3,3-Dichlorobenzidine	730	U	ug/kg	730	3800	U	ug/kg	3800	7500	U	ug/kg	7500	7400	U	ug/kg	7400
Benzo (a) anthracene	360	U	ug/kg	360	1900	U	ug/kg	1900	3700	U	ug/kg	3700	3700	U	ug/kg	3700
Chrysene	360	U	ug/kg	360	1900	U	ug/kg	1900	3700	U	ug/kg	3700	3700	U	ug/kg	3700
bis(2-Ethylhexyl) phthalate	360	U	ug/kg	360	340	J	ug/kg	1900	3700	U	ug/kg	3700	3700	U	ug/kg	3700
Di-n-octylphthalate	360	U	ug/kg	360	1900	U	ug/kg	1900	3700	U	ug/kg	3700	3700	U	ug/kg	3700
Benzo (b) fluoranthene	360	U	ug/kg	360	1900	U	ug/kg	1900	3700	U	ug/kg	3700	3700	U	ug/kg	3700
Benzo (k) fluoranthene	360	U	ug/kg	360	1900	U	ug/kg	1900	3700	U	ug/kg	3700	3700	U	ug/kg	3700
Benzo (a) pyrene	360	U	ug/kg	360	1900	U	ug/kg	1900	3700	U	ug/kg	3700	3700	U	ug/kg	3700
Indeno (1,2,3-cd) pyrene	360	UJ	ug/kg	360	1900	UJ	ug/kg	1900	3700	U	ug/kg	3700	3700	U	ug/kg	3700
Dibenz (a,h) anthracene	360	UJ	ug/kg	360	1900	UJ	ug/kg	1900	3700	U	ug/kg	3700	3700	U	ug/kg	3700
Benzo (g,h,i) perylene	360	UJ	ug/kg	360	1900	UJ	ug/kg	1900	3700	U	ug/kg	3700	3700	U	ug/kg	3700

U = NOT DETECTED J = ESTIMATED VALUE
UJ = REPORTED QUANTITATION LIMIT IS QUALIFIED AS ESTIMATED
R = RESULT IS REJECTED AND UNUSABLE

WHITING FIELD ANAL. .CAL RESULT REPORT
SEMIVOLATILE COMPOUNDS ---- SITE 18 ---- VALIDATD DATA

Lab Sample Number:	22489M01				22489D01				22488004				22488005			
Site	WHITING				WHITING				WHITING				WHITING			
Locator	18-SL-10MS				18-SL-10MSD				18-SL-11				18-SL-12			
Collect Date:	13-AUG-92				13-AUG-92				13-AUG-92				13-AUG-92			
	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL
CLP SEMIVOLATILES 87-SOW																
Phenol	3700	U	ug/kg	3700	3700	U	ug/kg	3700	360	U	ug/kg	360	360	U	ug/kg	360
bis(2-Chloroethyl) ether	3700	U	ug/kg	3700	3700	U	ug/kg	3700	360	U	ug/kg	360	360	U	ug/kg	360
2-Chlorophenol	3700	U	ug/kg	3700	3700	U	ug/kg	3700	360	U	ug/kg	360	360	U	ug/kg	360
1,3-Dichlorobenzene	3700	U	ug/kg	3700	3700	U	ug/kg	3700	360	U	ug/kg	360	360	U	ug/kg	360
1,4-Dichlorobenzene	3700	U	ug/kg	3700	3700	U	ug/kg	3700	360	U	ug/kg	360	360	U	ug/kg	360
Benzyl alcohol	3700	U	ug/kg	3700	3700	U	ug/kg	3700	360	U	ug/kg	360	360	U	ug/kg	360
1,2-Dichlorobenzene	3700	U	ug/kg	3700	3700	U	ug/kg	3700	360	U	ug/kg	360	360	U	ug/kg	360
2-Methylphenol	3700	U	ug/kg	3700	3700	U	ug/kg	3700	360	U	ug/kg	360	360	U	ug/kg	360
Bis(2-Chloroisopropyl) ether	3700	U	ug/kg	3700	3700	U	ug/kg	3700	360	UJ	ug/kg	360	360	UJ	ug/kg	360
4-Methylphenol	3700	U	ug/kg	3700	3700	U	ug/kg	3700	360	U	ug/kg	360	360	U	ug/kg	360
N-Nitroso-di-n-propylamine	3700	U	ug/kg	3700	3700	U	ug/kg	3700	360	U	ug/kg	360	360	U	ug/kg	360
Hexachloroethane	3700	U	ug/kg	3700	3700	U	ug/kg	3700	360	U	ug/kg	360	360	U	ug/kg	360
Nitrobenzene	3700	U	ug/kg	3700	3700	U	ug/kg	3700	360	U	ug/kg	360	360	U	ug/kg	360
Isophorone	3700	U	ug/kg	3700	3700	U	ug/kg	3700	360	U	ug/kg	360	360	U	ug/kg	360
2-Nitrophenol	3700	U	ug/kg	3700	3700	U	ug/kg	3700	360	U	ug/kg	360	360	U	ug/kg	360
2,4-Dimethylphenol	3700	U	ug/kg	3700	3700	U	ug/kg	3700	360	U	ug/kg	360	360	U	ug/kg	360
Benzoic acid	18000	U	ug/kg	18000	18000	U	ug/kg	18000	1800	U	ug/kg	1800	1800	U	ug/kg	1800
bis(2-Chloroethoxy) methane	3700	U	ug/kg	3700	3700	U	ug/kg	3700	360	U	ug/kg	360	360	U	ug/kg	360
2,4-Dichlorophenol	3700	U	ug/kg	3700	3700	U	ug/kg	3700	360	U	ug/kg	360	360	U	ug/kg	360
1,2,4-Trichlorobenzene	3700	U	ug/kg	3700	3700	U	ug/kg	3700	360	U	ug/kg	360	360	U	ug/kg	360
Naphthalene	3700	U	ug/kg	3700	3700	U	ug/kg	3700	360	U	ug/kg	360	360	U	ug/kg	360
4-Chloroaniline	3700	U	ug/kg	3700	3700	U	ug/kg	3700	360	U	ug/kg	360	360	U	ug/kg	360
Hexachlorobutadiene	3700	U	ug/kg	3700	3700	U	ug/kg	3700	360	U	ug/kg	360	360	U	ug/kg	360
4-Chloro-3-methylphenol	3700	U	ug/kg	3700	3700	U	ug/kg	3700	360	U	ug/kg	360	360	U	ug/kg	360
2-Methylnaphthalene	3700	U	ug/kg	3700	3700	U	ug/kg	3700	360	U	ug/kg	360	360	U	ug/kg	360
Hexachlorocyclopentadiene	3700	U	ug/kg	3700	3700	U	ug/kg	3700	360	U	ug/kg	360	360	U	ug/kg	360
2,4,6-Trichlorophenol	3700	U	ug/kg	3700	3700	U	ug/kg	3700	360	U	ug/kg	360	360	U	ug/kg	360
2,4,5-Trichlorophenol	18000	U	ug/kg	18000	18000	U	ug/kg	18000	1800	U	ug/kg	1800	1800	U	ug/kg	1800
2-Chloronaphthalene	3700	U	ug/kg	3700	3700	U	ug/kg	3700	360	U	ug/kg	360	360	U	ug/kg	360
2-Nitroaniline	18000	U	ug/kg	18000	18000	U	ug/kg	18000	1800	UJ	ug/kg	1800	1800	UJ	ug/kg	1800
Dimethylphthalate	3700	U	ug/kg	3700	3700	U	ug/kg	3700	360	U	ug/kg	360	360	U	ug/kg	360
Acenaphthylene	3700	U	ug/kg	3700	3700	U	ug/kg	3700	360	U	ug/kg	360	360	U	ug/kg	360
2,6-Dinitrotoluene	3700	U	ug/kg	3700	3700	U	ug/kg	3700	360	UJ	ug/kg	360	360	UJ	ug/kg	360
3-Nitroaniline	18000	U	ug/kg	18000	18000	U	ug/kg	18000	1800	U	ug/kg	1800	1800	U	ug/kg	1800
Acenaphthene	3700	U	ug/kg	3700	3700	U	ug/kg	3700	360	U	ug/kg	360	360	U	ug/kg	360
2,4-Dinitrophenol	18000	U	ug/kg	18000	18000	U	ug/kg	18000	1800	UJ	ug/kg	1800	1800	UJ	ug/kg	1800
4-Nitrophenol	18000	U	ug/kg	18000	18000	U	ug/kg	18000	1800	UJ	ug/kg	1800	1800	UJ	ug/kg	1800
Dibenzofuran	3700	U	ug/kg	3700	3700	U	ug/kg	3700	360	U	ug/kg	360	360	U	ug/kg	360
2,4-Dinitrotoluene	3700	U	ug/kg	3700	3700	U	ug/kg	3700	360	U	ug/kg	360	360	U	ug/kg	360
Diethylphthalate	3700	U	ug/kg	3700	3700	U	ug/kg	3700	360	U	ug/kg	360	360	U	ug/kg	360
4-Chlorophenyl-phenylether	3700	U	ug/kg	3700	3700	U	ug/kg	3700	360	U	ug/kg	360	360	U	ug/kg	360
Fluorene	3700	U	ug/kg	3700	3700	U	ug/kg	3700	360	U	ug/kg	360	360	U	ug/kg	360
4-Nitroaniline	18000	U	ug/kg	18000	18000	U	ug/kg	18000	1800	U	ug/kg	1800	1800	UJ	ug/kg	1800
4,6-Dinitro-2-methylphenol	18000	U	ug/kg	18000	18000	U	ug/kg	18000	1800	U	ug/kg	1800	1800	U	ug/kg	1800
N-Nitrosodiphenylamine (1)	3700	U	ug/kg	3700	3700	U	ug/kg	3700	360	U	ug/kg	360	360	U	ug/kg	360
4-Bromophenyl-phenylether	3700	U	ug/kg	3700	3700	U	ug/kg	3700	360	U	ug/kg	360	360	U	ug/kg	360
Hexachlorobenzene	3700	U	ug/kg	3700	3700	U	ug/kg	3700	360	U	ug/kg	360	360	U	ug/kg	360
Pentachlorophenol	18000	U	ug/kg	18000	18000	U	ug/kg	18000	1800	U	ug/kg	1800	1800	U	ug/kg	1800
Phenanthrene	3700	U	ug/kg	3700	3700	U	ug/kg	3700	360	U	ug/kg	360	360	U	ug/kg	360
Anthracene	3700	U	ug/kg	3700	3700	U	ug/kg	3700	360	U	ug/kg	360	360	U	ug/kg	360
Di-n-butylphthalate	3700	U	ug/kg	3700	3700	U	ug/kg	3700	360	UJ	ug/kg	360	360	UJ	ug/kg	360
Fluoranthene	3700	U	ug/kg	3700	3700	U	ug/kg	3700	360	U	ug/kg	360	360	U	ug/kg	360

WHITING FIELD ANAL...CAL RESULT REPORT
SEMIVOLATILE COMPOUNDS ---- SITE 18 ---- VALIDATD DATA

Lab Sample Number:	22489M01				22489D01				22488004				22488005			
Site	WHITING				WHITING				WHITING				WHITING			
Locator	18-SL-10MS				18-SL-10MSD				18-SL-11				18-SL-12			
Collect Date:	13-AUG-92				13-AUG-92				13-AUG-92				13-AUG-92			
	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL
Pyrene	3700	U	ug/kg	3700	3700	U	ug/kg	3700	360	U	ug/kg	360	360	U	ug/kg	360
Butylbenzylphthalate	3700	U	ug/kg	3700	3700	U	ug/kg	3700	360	UJ	ug/kg	360	360	UJ	ug/kg	360
3,3-Dichlorobenzidine	7500	U	ug/kg	7500	7500	U	ug/kg	7500	730	U	ug/kg	730	730	U	ug/kg	730
Benzo (a) anthracene	3700	U	ug/kg	3700	3700	U	ug/kg	3700	360	U	ug/kg	360	360	U	ug/kg	360
Chrysene	3700	U	ug/kg	3700	3700	U	ug/kg	3700	360	U	ug/kg	360	360	U	ug/kg	360
bis(2-Ethylhexyl) phthalate	3700	U	ug/kg	3700	3700	U	ug/kg	3700	110	J	ug/kg	360	360	U	ug/kg	360
Di-n-octylphthalate	3700	U	ug/kg	3700	3700	U	ug/kg	3700	360	U	ug/kg	360	360	U	ug/kg	360
Benzo (b) fluoranthene	3700	U	ug/kg	3700	3700	U	ug/kg	3700	360	UJ	ug/kg	360	360	UJ	ug/kg	360
Benzo (k) fluoranthene	3700	U	ug/kg	3700	3700	U	ug/kg	3700	360	U	ug/kg	360	360	U	ug/kg	360
Benzo (a) pyrene	3700	U	ug/kg	3700	3700	U	ug/kg	3700	360	U	ug/kg	360	360	U	ug/kg	360
Indeno (1,2,3-cd) pyrene	3700	U	ug/kg	3700	3700	U	ug/kg	3700	360	U	ug/kg	360	360	U	ug/kg	360
Dibenz (a,h) anthracene	3700	U	ug/kg	3700	3700	U	ug/kg	3700	360	U	ug/kg	360	360	U	ug/kg	360
Benzo (g,h,i) perylene	3700	U	ug/kg	3700	3700	U	ug/kg	3700	360	U	ug/kg	360	360	U	ug/kg	360

U = NOT DETECTED J = ESTIMATED VALUE
UJ = REPORTED QUANTITATION LIMIT IS QUALIFIED AS ESTIMATED
R - ULT IS REJECTED AND UNUSABLE

WHITING FIELD ANAL...CAL RESULT REPORT
SEMIVOLATILE COMPOUNDS ---- SITE 18 ---- VALIDATD DATA

Lab Sample Number:	22488006				22488008				22488009				22488010			
Site	WHITING				WHITING				WHITING				WHITING			
Locator	18-SL-13				18-SL-14				18-SL-15				18-SL-16			
Collect Date:	13-AUG-92				13-AUG-92				13-AUG-92				13-AUG-92			
	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL
CLP SEMIVOLATILES 87-SOW																
Phenol	350	U	ug/kg	350	360	U	ug/kg	360	7300	UJ	ug/kg	7300	8900	UJ	ug/kg	8900
bis(2-Chloroethyl) ether	350	U	ug/kg	350	360	U	ug/kg	360	7300	UJ	ug/kg	7300	8900	UJ	ug/kg	8900
2-Chlorophenol	350	U	ug/kg	350	360	U	ug/kg	360	7300	UJ	ug/kg	7300	8900	UJ	ug/kg	8900
1,3-Dichlorobenzene	350	U	ug/kg	350	360	U	ug/kg	360	7300	UJ	ug/kg	7300	8900	UJ	ug/kg	8900
1,4-Dichlorobenzene	350	U	ug/kg	350	360	U	ug/kg	360	7300	UJ	ug/kg	7300	8900	UJ	ug/kg	8900
Benzyl alcohol	350	U	ug/kg	350	360	U	ug/kg	360	7300	UJ	ug/kg	7300	8900	UJ	ug/kg	8900
1,2-Dichlorobenzene	350	U	ug/kg	350	360	U	ug/kg	360	7300	UJ	ug/kg	7300	8900	UJ	ug/kg	8900
2-Methylphenol	350	U	ug/kg	350	360	U	ug/kg	360	7300	UJ	ug/kg	7300	8900	UJ	ug/kg	8900
Bis(2-Chloroisopropyl) ether	350	UJ	ug/kg	350	360	UJ	ug/kg	360	7300	UJ	ug/kg	7300	8900	UJ	ug/kg	8900
4-Methylphenol	350	U	ug/kg	350	360	U	ug/kg	360	7300	UJ	ug/kg	7300	8900	UJ	ug/kg	8900
N-Nitroso-di-n-propylamine	350	U	ug/kg	350	360	U	ug/kg	360	7300	UJ	ug/kg	7300	8900	UJ	ug/kg	8900
Hexachloroethane	350	U	ug/kg	350	360	U	ug/kg	360	7300	UJ	ug/kg	7300	8900	UJ	ug/kg	8900
Nitrobenzene	350	U	ug/kg	350	360	U	ug/kg	360	7300	UJ	ug/kg	7300	8900	UJ	ug/kg	8900
Isophorone	350	U	ug/kg	350	360	U	ug/kg	360	7300	UJ	ug/kg	7300	8900	UJ	ug/kg	8900
2-Nitrophenol	350	U	ug/kg	350	360	U	ug/kg	360	7300	UJ	ug/kg	7300	8900	UJ	ug/kg	8900
2,4-Dimethylphenol	350	U	ug/kg	350	360	U	ug/kg	360	7300	UJ	ug/kg	7300	8900	UJ	ug/kg	8900
Benzoic acid	1700	U	ug/kg	1700	1700	U	ug/kg	1700	35000	UJ	ug/kg	35000	43000	UJ	ug/kg	43000
bis(2-Chloroethoxy) methane	350	U	ug/kg	350	360	U	ug/kg	360	7300	UJ	ug/kg	7300	8900	UJ	ug/kg	8900
2,4-Dichlorophenol	350	U	ug/kg	350	360	U	ug/kg	360	7300	UJ	ug/kg	7300	8900	UJ	ug/kg	8900
1,2,4-Trichlorobenzene	350	U	ug/kg	350	360	U	ug/kg	360	7300	UJ	ug/kg	7300	8900	UJ	ug/kg	8900
Naphthalene	990		ug/kg	350	360	U	ug/kg	360	3000	J	ug/kg	7200	3500	J	ug/kg	8900
4-Chloroaniline	350	U	ug/kg	350	360	U	ug/kg	360	7300	UJ	ug/kg	7300	8900	UJ	ug/kg	8900
Hexachlorobutadiene	350	U	ug/kg	350	360	U	ug/kg	360	7300	UJ	ug/kg	7300	8900	UJ	ug/kg	8900
4-Chloro-3-methylphenol	350	U	ug/kg	350	360	U	ug/kg	360	7300	UJ	ug/kg	7300	8900	UJ	ug/kg	8900
2-Methylnaphthalene	350	U	ug/kg	350	360	U	ug/kg	360	11000	J	ug/kg	7200	15000	J	ug/kg	8900
Hexachlorocyclopentadiene	350	U	ug/kg	350	360	U	ug/kg	360	7300	UJ	ug/kg	7300	8900	UJ	ug/kg	8900
2,4,6-Trichlorophenol	350	U	ug/kg	350	360	U	ug/kg	360	7300	UJ	ug/kg	7300	8900	UJ	ug/kg	8900
2,4,5-Trichlorophenol	1700	U	ug/kg	1700	1700	U	ug/kg	1700	35000	UJ	ug/kg	35000	43000	UJ	ug/kg	43000
2-Chloronaphthalene	350	U	ug/kg	350	360	U	ug/kg	360	7300	UJ	ug/kg	7300	8900	UJ	ug/kg	8900
2-Nitroaniline	1700	UJ	ug/kg	1700	1700	UJ	ug/kg	1700	35000	UJ	ug/kg	35000	43000	UJ	ug/kg	43000
Dimethylphthalate	350	U	ug/kg	350	360	U	ug/kg	360	7300	UJ	ug/kg	7300	8900	UJ	ug/kg	8900
Acenaphthylene	350	U	ug/kg	350	360	U	ug/kg	360	7300	UJ	ug/kg	7300	8900	UJ	ug/kg	8900
2,6-Dinitrotoluene	350	UJ	ug/kg	350	360	UJ	ug/kg	360	7300	UJ	ug/kg	7300	8900	UJ	ug/kg	8900
3-Nitroaniline	1700	U	ug/kg	1700	1700	U	ug/kg	1700	35000	UJ	ug/kg	35000	43000	UJ	ug/kg	43000
Acenaphthene	350	U	ug/kg	350	360	U	ug/kg	360	7300	UJ	ug/kg	7300	8900	UJ	ug/kg	8900
2,4-Dinitrophenol	1700	UJ	ug/kg	1700	1700	UJ	ug/kg	1700	35000	UJ	ug/kg	35000	43000	UJ	ug/kg	43000
4-Nitrophenol	1700	UJ	ug/kg	1700	1700	UJ	ug/kg	1700	35000	UJ	ug/kg	35000	43000	UJ	ug/kg	43000
Dibenzofuran	350	U	ug/kg	350	360	U	ug/kg	360	7300	UJ	ug/kg	7300	8900	UJ	ug/kg	8900
2,4-Dinitrotoluene	350	U	ug/kg	350	360	U	ug/kg	360	7300	UJ	ug/kg	7300	8900	UJ	ug/kg	8900
Diethylphthalate	350	U	ug/kg	350	360	U	ug/kg	360	7300	UJ	ug/kg	7300	8900	UJ	ug/kg	8900
4-Chlorophenyl-phenylether	350	U	ug/kg	350	360	U	ug/kg	360	7300	UJ	ug/kg	7300	8900	UJ	ug/kg	8900
Fluorene	440		ug/kg	350	360	U	ug/kg	360	7300	UJ	ug/kg	7300	8900	UJ	ug/kg	8900
4-Nitroaniline	1700	UJ	ug/kg	1700	1700	UJ	ug/kg	1700	35000	UJ	ug/kg	35000	43000	UJ	ug/kg	43000
4,6-Dinitro-2-methylphenol	1700	U	ug/kg	1700	1700	U	ug/kg	1700	35000	UJ	ug/kg	35000	43000	UJ	ug/kg	43000
N-Nitrosodiphenylamine (1)	350	U	ug/kg	350	360	U	ug/kg	360	7300	UJ	ug/kg	7300	8900	UJ	ug/kg	8900
4-Bromophenyl-phenylether	350	U	ug/kg	350	360	U	ug/kg	360	7300	UJ	ug/kg	7300	8900	UJ	ug/kg	8900
Hexachlorobenzene	350	U	ug/kg	350	360	U	ug/kg	360	7300	UJ	ug/kg	7300	8900	UJ	ug/kg	8900
Pentachlorophenol	1700	U	ug/kg	1700	1700	U	ug/kg	1700	35000	UJ	ug/kg	35000	43000	UJ	ug/kg	43000
Phenanthrene	120	J	ug/kg	350	360	U	ug/kg	360	7300	UJ	ug/kg	7300	8900	UJ	ug/kg	8900
Anthracene	350	U	ug/kg	350	360	U	ug/kg	360	7300	UJ	ug/kg	7300	8900	UJ	ug/kg	8900
Di-n-butylphthalate	350	U	ug/kg	350	360	UJ	ug/kg	360	7300	UJ	ug/kg	7300	8900	UJ	ug/kg	8900
Fluoranthene	350	U	ug/kg	350	360	U	ug/kg	360	7300	UJ	ug/kg	7300	8900	UJ	ug/kg	8900

WHITING FIELD ANAL...CAL RESULT REPORT
SEMIVOLATILE COMPOUNDS ---- SITE 18 ---- VALIDATD DATA

	22488006				22488008				22488009				22488010			
Lab Sample Number:																
Site	WHITING				WHITING				WHITING				WHITING			
Locator	18-SL-13				18-SL-14				18-SL-15				18-SL-16			
Collect Date:	13-AUG-92				13-AUG-92				13-AUG-92				13-AUG-92			
	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL
Pyrene	350	U	ug/kg	350	360	U	ug/kg	360	7300	UJ	ug/kg	7300	8900	UJ	ug/kg	8900
Butylbenzylphthalate	350	UJ	ug/kg	350	360	UJ	ug/kg	360	7300	UJ	ug/kg	7300	8900	UJ	ug/kg	8900
3,3-Dichlorobenzidine	710	U	ug/kg	710	720	U	ug/kg	720	15000	UJ	ug/kg	15000	18000	UJ	ug/kg	18000
Benzo (a) anthracene	350	U	ug/kg	350	360	U	ug/kg	360	7300	UJ	ug/kg	7300	8900	UJ	ug/kg	8900
Chrysene	350	U	ug/kg	350	360	U	ug/kg	360	7300	UJ	ug/kg	7300	8900	UJ	ug/kg	8900
bis(2-Ethylhexyl) phthalate	76	J	ug/kg	350	360	U	ug/kg	360	7300	UJ	ug/kg	7300	8900	UJ	ug/kg	8900
Di-n-octylphthalate	350	U	ug/kg	350	360	U	ug/kg	360	7300	UJ	ug/kg	7300	8900	UJ	ug/kg	8900
Benzo (b) fluoranthene	350	UJ	ug/kg	350	360	UJ	ug/kg	360	7300	UJ	ug/kg	7300	8900	UJ	ug/kg	8900
Benzo (k) fluoranthene	350	U	ug/kg	350	360	U	ug/kg	360	7300	UJ	ug/kg	7300	8900	UJ	ug/kg	8900
Benzo (a) pyrene	350	U	ug/kg	350	360	U	ug/kg	360	7300	UJ	ug/kg	7300	8900	UJ	ug/kg	8900
Indeno (1,2,3-cd) pyrene	350	U	ug/kg	350	360	U	ug/kg	360	7300	UJ	ug/kg	7300	8900	UJ	ug/kg	8900
Dibenz (a,h) anthracene	350	U	ug/kg	350	360	U	ug/kg	360	7300	UJ	ug/kg	7300	8900	UJ	ug/kg	8900
Benzo (g,h,i) perylene	350	U	ug/kg	350	360	U	ug/kg	360	7300	UJ	ug/kg	7300	8900	UJ	ug/kg	8900

U = NOT DETECTED J = ESTIMATED VALUE
UJ = REPORTED QUANTITATION LIMIT IS QUALIFIED AS ESTIMATED
R = ULT IS REJECTED AND UNUSABLE

WHITING FIELD ANAL..,CAL RESULT REPORT
SEMIVOLATILE COMPOUNDS ---- SITE 18 ---- VALIDATD DATA

Lab Sample Number:	22488011			22495001			22495002			22495003		
Site	WHITING			WHITING			WHITING			WHITING		
Locator	18-SL-17			18-SL-18			18-SL-19			18-SL-20		
Collect Date:	13-AUG-92			13-AUG-92			13-AUG-92			13-AUG-92		
	VALUE QUAL	UNITS	DL	VALUE QUAL	UNITS	DL	VALUE QUAL	UNITS	DL	VALUE QUAL	UNITS	DL
CLP SEMIVOLATILES 87-SOW												
Phenol	1900 U	ug/kg	1900	3800 U	ug/kg	3800	1900 U	ug/kg	1900	380 U	ug/kg	380
bis(2-Chloroethyl) ether	1900 U	ug/kg	1900	3800 U	ug/kg	3800	1900 U	ug/kg	1900	380 U	ug/kg	380
2-Chlorophenol	1900 U	ug/kg	1900	3800 U	ug/kg	3800	1900 U	ug/kg	1900	380 U	ug/kg	380
1,3-Dichlorobenzene	1900 U	ug/kg	1900	3800 U	ug/kg	3800	1900 U	ug/kg	1900	380 U	ug/kg	380
1,4-Dichlorobenzene	1900 U	ug/kg	1900	3800 U	ug/kg	3800	1900 U	ug/kg	1900	380 U	ug/kg	380
Benzyl alcohol	1900 U	ug/kg	1900	3800 U	ug/kg	3800	1900 U	ug/kg	1900	380 U	ug/kg	380
1,2-Dichlorobenzene	1900 U	ug/kg	1900	3800 U	ug/kg	3800	1900 U	ug/kg	1900	380 U	ug/kg	380
2-Methylphenol	1900 U	ug/kg	1900	3800 U	ug/kg	3800	1900 U	ug/kg	1900	380 U	ug/kg	380
Bis(2-Chloroisopropyl) ether	1900 U	ug/kg	1900	3800 U	ug/kg	3800	1900 U	ug/kg	1900	380 UJ	ug/kg	380
4-Methylphenol	1900 U	ug/kg	1900	3800 U	ug/kg	3800	1900 U	ug/kg	1900	380 U	ug/kg	380
N-Nitroso-di-n-propylamine	1900 U	ug/kg	1900	3800 U	ug/kg	3800	1900 U	ug/kg	1900	380 U	ug/kg	380
Hexachloroethane	1900 U	ug/kg	1900	3800 U	ug/kg	3800	1900 U	ug/kg	1900	380 U	ug/kg	380
Nitrobenzene	1900 U	ug/kg	1900	3800 U	ug/kg	3800	1900 U	ug/kg	1900	380 U	ug/kg	380
Isophorone	1900 U	ug/kg	1900	3800 U	ug/kg	3800	1900 U	ug/kg	1900	380 U	ug/kg	380
2-Nitrophenol	1900 U	ug/kg	1900	3800 U	ug/kg	3800	1900 U	ug/kg	1900	380 U	ug/kg	380
2,4-Dimethylphenol	1900 U	ug/kg	1900	3800 U	ug/kg	3800	1900 U	ug/kg	1900	380 U	ug/kg	380
Benzoic acid	9000 U	ug/kg	9000	19000 U	ug/kg	19000	9200 U	ug/kg	9200	1900 U	ug/kg	1900
bis(2-Chloroethoxy) methane	1900 U	ug/kg	1900	3800 U	ug/kg	3800	1900 U	ug/kg	1900	380 U	ug/kg	380
2,4-Dichlorophenol	1900 U	ug/kg	1900	3800 U	ug/kg	3800	1900 U	ug/kg	1900	380 U	ug/kg	380
1,2,4-Trichlorobenzene	1900 U	ug/kg	1900	3800 U	ug/kg	3800	1900 U	ug/kg	1900	380 U	ug/kg	380
Naphthalene	1900 U	ug/kg	1900	3800 U	ug/kg	3800	1900 U	ug/kg	1900	380 U	ug/kg	380
4-Chloroaniline	1900 U	ug/kg	1900	3800 U	ug/kg	3800	1900 U	ug/kg	1900	380 U	ug/kg	380
Hexachlorobutadiene	1900 U	ug/kg	1900	3800 U	ug/kg	3800	1900 U	ug/kg	1900	380 U	ug/kg	380
4-Chloro-3-methylphenol	1900 U	ug/kg	1900	3800 U	ug/kg	3800	1900 U	ug/kg	1900	380 U	ug/kg	380
2-Methylnaphthalene	1900 U	ug/kg	1900	3800 U	ug/kg	3800	1900 U	ug/kg	1900	380 U	ug/kg	380
Hexachlorocyclopentadiene	1900 U	ug/kg	1900	3800 U	ug/kg	3800	1900 U	ug/kg	1900	380 U	ug/kg	380
2,4,6-Trichlorophenol	1900 U	ug/kg	1900	3800 U	ug/kg	3800	1900 U	ug/kg	1900	380 U	ug/kg	380
2,4,5-Trichlorophenol	9000 U	ug/kg	9000	19000 U	ug/kg	19000	9200 U	ug/kg	9200	1900 U	ug/kg	1900
2-Chloronaphthalene	1900 U	ug/kg	1900	3800 U	ug/kg	3800	1900 U	ug/kg	1900	380 U	ug/kg	380
2-Nitroaniline	9000 U	ug/kg	9000	19000 U	ug/kg	19000	9200 U	ug/kg	9200	1900 UJ	ug/kg	1900
Dimethylphthalate	1900 U	ug/kg	1900	3800 U	ug/kg	3800	1900 U	ug/kg	1900	380 U	ug/kg	380
Acenaphthylene	1900 U	ug/kg	1900	3800 U	ug/kg	3800	1900 U	ug/kg	1900	380 U	ug/kg	380
2,6-Dinitrotoluene	1900 U	ug/kg	1900	3800 U	ug/kg	3800	1900 U	ug/kg	1900	380 UJ	ug/kg	380
3-Nitroaniline	9000 U	ug/kg	9000	19000 U	ug/kg	19000	9200 U	ug/kg	9200	1900 U	ug/kg	1900
Acenaphthene	1900 U	ug/kg	1900	3800 U	ug/kg	3800	1900 U	ug/kg	1900	380 U	ug/kg	380
2,4-Dinitrophenol	9000 U	ug/kg	9000	19000 U	ug/kg	19000	9200 U	ug/kg	9200	1900 UJ	ug/kg	1900
4-Nitrophenol	9000 U	ug/kg	9000	19000 U	ug/kg	19000	9200 U	ug/kg	9200	1900 UJ	ug/kg	1900
Dibenzofuran	1900 U	ug/kg	1900	3800 U	ug/kg	3800	1900 U	ug/kg	1900	380 U	ug/kg	380
2,4-Dinitrotoluene	1900 U	ug/kg	1900	3800 U	ug/kg	3800	1900 U	ug/kg	1900	380 U	ug/kg	380
Diethylphthalate	1900 U	ug/kg	1900	3800 U	ug/kg	3800	1900 U	ug/kg	1900	380 U	ug/kg	380
4-Chlorophenyl-phenylether	1900 U	ug/kg	1900	3800 U	ug/kg	3800	1900 U	ug/kg	1900	380 U	ug/kg	380
Fluorene	1900 UJ	ug/kg	1900	3800 UJ	ug/kg	3800	1900 UJ	ug/kg	1900	380 UJ	ug/kg	380
4-Nitroaniline	9000 U	ug/kg	9000	19000 U	ug/kg	19000	9200 U	ug/kg	9200	1900 U	ug/kg	1900
4,6-Dinitro-2-methylphenol	9000 U	ug/kg	9000	19000 U	ug/kg	19000	9200 U	ug/kg	9200	1900 U	ug/kg	1900
N-Nitrosodiphenylamine (1)	1900 U	ug/kg	1900	3800 U	ug/kg	3800	1900 U	ug/kg	1900	380 U	ug/kg	380
4-Bromophenyl-phenylether	1900 U	ug/kg	1900	3800 U	ug/kg	3800	1900 U	ug/kg	1900	380 U	ug/kg	380
Hexachlorobenzene	1900 U	ug/kg	1900	3800 U	ug/kg	3800	1900 U	ug/kg	1900	380 U	ug/kg	380
Pentachlorophenol	9000 U	ug/kg	9000	19000 U	ug/kg	19000	9200 U	ug/kg	9200	1900 U	ug/kg	1900
Phenanthrene	1900 U	ug/kg	1900	3800 U	ug/kg	3800	1900 U	ug/kg	1900	380 U	ug/kg	380
Anthracene	1900 U	ug/kg	1900	3800 U	ug/kg	3800	1900 U	ug/kg	1900	380 U	ug/kg	380
Di-n-butylphthalate	1900 U	ug/kg	1900	3800 U	ug/kg	3800	1900 U	ug/kg	1900	380 U	ug/kg	380
Fluoranthene	1900 U	ug/kg	1900	3800 U	ug/kg	3800	1900 U	ug/kg	1900	380 U	ug/kg	380

WHITING FIELD ANAL..ICAL RESULT REPORT
SEMIVOLATILE COMPOUNDS ---- SITE 18 ---- VALIDATD DATA

	22488011				22495001				22495002				22495003			
Lab Sample Number:																
Site	WHITING				WHITING				WHITING				WHITING			
Locator	18-SL-17				18-SL-18				18-SL-19				18-SL-20			
Collect Date:	13-AUG-92				13-AUG-92				13-AUG-92				13-AUG-92			
	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL
Pyrene	1900	U	ug/kg	1900	3800	U	ug/kg	3800	1900	U	ug/kg	1900	380	UJ	ug/kg	380
Butylbenzylphthalate	1900	U	ug/kg	1900	3800	U	ug/kg	3800	1900	U	ug/kg	1900	380	U	ug/kg	380
3,3-Dichlorobenzidine	3700	U	ug/kg	3700	7700	U	ug/kg	7700	3800	U	ug/kg	3800	770	U	ug/kg	770
Benzo (a) anthracene	1900	U	ug/kg	1900	3800	U	ug/kg	3800	1900	U	ug/kg	1900	380	U	ug/kg	380
Chrysene	1900	U	ug/kg	1900	3800	U	ug/kg	3800	1900	U	ug/kg	1900	380	U	ug/kg	380
bis(2-Ethylhexyl) phthalate	320	J	ug/kg	1800	3800	U	ug/kg	3800	1900	U	ug/kg	1900	380	U	ug/kg	380
Di-n-octylphthalate	1900	U	ug/kg	1900	3800	U	ug/kg	3800	1900	U	ug/kg	1900	380	U	ug/kg	380
Benzo (b) fluoranthene	1900	U	ug/kg	1900	3800	U	ug/kg	3800	1900	U	ug/kg	1900	380	UJ	ug/kg	380
Benzo (k) fluoranthene	1900	U	ug/kg	1900	3800	U	ug/kg	3800	1900	U	ug/kg	1900	380	U	ug/kg	380
Benzo (a) pyrene	1900	U	ug/kg	1900	3800	U	ug/kg	3800	1900	U	ug/kg	1900	380	U	ug/kg	380
Indeno (1,2,3-cd) pyrene	1900	UJ	ug/kg	1900	3800	UJ	ug/kg	3800	1900	UJ	ug/kg	1900	380	U	ug/kg	380
Dibenz (a,h) anthracene	1900	UJ	ug/kg	1900	3800	UJ	ug/kg	3800	1900	UJ	ug/kg	1900	380	U	ug/kg	380
Benzo (g,h,i) perylene	1900	UJ	ug/kg	1900	3800	UJ	ug/kg	3800	1900	UJ	ug/kg	1900	380	U	ug/kg	380

U = NOT DETECTED J = ESTIMATED VALUE
UJ = REPORTED QUANTITATION LIMIT IS QUALIFIED AS ESTIMATED
R = RESULT IS REJECTED AND UNUSABLE

WHITING FIELD ANAL...CAL RESULT REPORT
SEMIVOLATILE COMPOUNDS ---- SITE 18 ---- VALIDATD DATA

Lab Sample Number:	22495004				22495005				22489003				22489004			
Site	WHITING				WHITING				WHITING				WHITING			
Locator	18-SL-21				18-SL-22				18-SL-23				18-SL-23A			
Collect Date:	13-AUG-92				13-AUG-92				13-AUG-92				13-AUG-92			
	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL
CLP SEMIVOLATILES 87-SOW																
Phenol	390	U	ug/kg	390	390	U	ug/kg	390	9500	UJ	ug/kg	9500	9500	UJ	ug/kg	9500
bis(2-Chloroethyl) ether	390	U	ug/kg	390	390	U	ug/kg	390	9500	UJ	ug/kg	9500	9500	UJ	ug/kg	9500
2-Chlorophenol	390	U	ug/kg	390	390	U	ug/kg	390	9500	UJ	ug/kg	9500	9500	UJ	ug/kg	9500
1,3-Dichlorobenzene	390	U	ug/kg	390	390	U	ug/kg	390	9500	UJ	ug/kg	9500	9500	UJ	ug/kg	9500
1,4-Dichlorobenzene	390	U	ug/kg	390	390	U	ug/kg	390	9500	UJ	ug/kg	9500	9500	UJ	ug/kg	9500
Benzyl alcohol	390	U	ug/kg	390	390	U	ug/kg	390	9500	UJ	ug/kg	9500	9500	UJ	ug/kg	9500
1,2-Dichlorobenzene	390	U	ug/kg	390	390	U	ug/kg	390	9500	UJ	ug/kg	9500	9500	UJ	ug/kg	9500
2-Methylphenol	390	U	ug/kg	390	390	U	ug/kg	390	9500	UJ	ug/kg	9500	9500	UJ	ug/kg	9500
Bis(2-Chloroisopropyl) ether	390	UJ	ug/kg	390	390	UJ	ug/kg	390	9500	UJ	ug/kg	9500	9500	UJ	ug/kg	9500
4-Methylphenol	390	U	ug/kg	390	390	U	ug/kg	390	9500	UJ	ug/kg	9500	9500	UJ	ug/kg	9500
N-Nitroso-di-n-propylamine	390	U	ug/kg	390	390	U	ug/kg	390	9500	UJ	ug/kg	9500	9500	UJ	ug/kg	9500
Hexachloroethane	390	U	ug/kg	390	390	U	ug/kg	390	9500	UJ	ug/kg	9500	9500	UJ	ug/kg	9500
Nitrobenzene	390	U	ug/kg	390	390	U	ug/kg	390	9500	UJ	ug/kg	9500	9500	UJ	ug/kg	9500
Isophorone	390	U	ug/kg	390	390	U	ug/kg	390	9500	UJ	ug/kg	9500	9500	UJ	ug/kg	9500
2-Nitrophenol	390	U	ug/kg	390	390	U	ug/kg	390	9500	UJ	ug/kg	9500	9500	UJ	ug/kg	9500
2,4-Dimethylphenol	390	U	ug/kg	390	390	U	ug/kg	390	9500	UJ	ug/kg	9500	9500	UJ	ug/kg	9500
Benzoic acid	1900	U	ug/kg	1900	1900	U	ug/kg	1900	46000	UJ	ug/kg	46000	46000	UJ	ug/kg	46000
bis(2-Chloroethoxy) methane	390	U	ug/kg	390	390	U	ug/kg	390	9500	UJ	ug/kg	9500	9500	UJ	ug/kg	9500
2,4-Dichlorophenol	390	U	ug/kg	390	390	U	ug/kg	390	9500	UJ	ug/kg	9500	9500	UJ	ug/kg	9500
1,2,4-Trichlorobenzene	390	U	ug/kg	390	390	U	ug/kg	390	9500	UJ	ug/kg	9500	9500	UJ	ug/kg	9500
Naphthalene	390	U	ug/kg	390	390	U	ug/kg	390	9500	UJ	ug/kg	9500	9500	UJ	ug/kg	9500
4-Chloroaniline	390	U	ug/kg	390	390	U	ug/kg	390	9500	UJ	ug/kg	9500	9500	UJ	ug/kg	9500
Hexachlorobutadiene	390	U	ug/kg	390	390	U	ug/kg	390	9500	UJ	ug/kg	9500	9500	UJ	ug/kg	9500
4-Chloro-3-methylphenol	390	U	ug/kg	390	390	U	ug/kg	390	9500	UJ	ug/kg	9500	9500	UJ	ug/kg	9500
2-Methylnaphthalene	390	U	ug/kg	390	390	U	ug/kg	390	9500	UJ	ug/kg	9500	9500	UJ	ug/kg	9500
Hexachlorocyclopentadiene	390	U	ug/kg	390	390	U	ug/kg	390	9500	UJ	ug/kg	9500	9500	UJ	ug/kg	9500
2,4,6-Trichlorophenol	390	U	ug/kg	390	390	U	ug/kg	390	9500	UJ	ug/kg	9500	9500	UJ	ug/kg	9500
2,4,5-Trichlorophenol	1900	U	ug/kg	1900	1900	U	ug/kg	1900	46000	UJ	ug/kg	46000	46000	UJ	ug/kg	46000
2-Chloronaphthalene	390	U	ug/kg	390	390	U	ug/kg	390	9500	UJ	ug/kg	9500	9500	UJ	ug/kg	9500
2-Nitroaniline	1900	UJ	ug/kg	1900	1900	UJ	ug/kg	1900	46000	UJ	ug/kg	46000	46000	UJ	ug/kg	46000
Dimethylphthalate	390	U	ug/kg	390	390	U	ug/kg	390	9500	UJ	ug/kg	9500	9500	UJ	ug/kg	9500
Acenaphthylene	390	U	ug/kg	390	390	U	ug/kg	390	9500	UJ	ug/kg	9500	9500	UJ	ug/kg	9500
2,6-Dinitrotoluene	390	UJ	ug/kg	390	390	UJ	ug/kg	390	9500	UJ	ug/kg	9500	9500	UJ	ug/kg	9500
3-Nitroaniline	1900	U	ug/kg	1900	1900	U	ug/kg	1900	46000	UJ	ug/kg	46000	46000	UJ	ug/kg	46000
Acenaphthene	390	U	ug/kg	390	390	U	ug/kg	390	9500	UJ	ug/kg	9500	9500	UJ	ug/kg	9500
2,4-Dinitrophenol	1900	UJ	ug/kg	1900	1900	UJ	ug/kg	1900	46000	UJ	ug/kg	46000	46000	UJ	ug/kg	46000
4-Nitrophenol	1900	UJ	ug/kg	1900	1900	UJ	ug/kg	1900	46000	UJ	ug/kg	46000	46000	UJ	ug/kg	46000
Dibenzofuran	390	U	ug/kg	390	390	U	ug/kg	390	9500	UJ	ug/kg	9500	9500	UJ	ug/kg	9500
2,4-Dinitrotoluene	390	U	ug/kg	390	390	U	ug/kg	390	9500	UJ	ug/kg	9500	9500	UJ	ug/kg	9500
Diethylphthalate	390	U	ug/kg	390	390	U	ug/kg	390	9500	UJ	ug/kg	9500	9500	UJ	ug/kg	9500
4-Chlorophenyl-phenylether	390	U	ug/kg	390	390	U	ug/kg	390	9500	UJ	ug/kg	9500	9500	UJ	ug/kg	9500
Fluorene	390	U	ug/kg	390	390	U	ug/kg	390	9500	UJ	ug/kg	9500	9500	UJ	ug/kg	9500
4-Nitroaniline	1900	UJ	ug/kg	1900	1900	UJ	ug/kg	1900	46000	UJ	ug/kg	46000	46000	UJ	ug/kg	46000
4,6-Dinitro-2-methylphenol	1900	U	ug/kg	1900	1900	U	ug/kg	1900	46000	UJ	ug/kg	46000	46000	UJ	ug/kg	46000
N-Nitrosodiphenylamine (1)	390	U	ug/kg	390	390	U	ug/kg	390	9500	UJ	ug/kg	9500	9500	UJ	ug/kg	9500
4-Bromophenyl-phenylether	390	U	ug/kg	390	390	U	ug/kg	390	9500	UJ	ug/kg	9500	9500	UJ	ug/kg	9500
Hexachlorobenzene	390	U	ug/kg	390	390	U	ug/kg	390	9500	UJ	ug/kg	9500	9500	UJ	ug/kg	9500
Pentachlorophenol	1900	U	ug/kg	1900	1900	U	ug/kg	1900	46000	UJ	ug/kg	46000	46000	UJ	ug/kg	46000
Phenanthrene	390	U	ug/kg	390	390	U	ug/kg	390	9500	UJ	ug/kg	9500	9500	UJ	ug/kg	9500
Anthracene	390	U	ug/kg	390	390	U	ug/kg	390	9500	UJ	ug/kg	9500	9500	UJ	ug/kg	9500
Di-n-butylphthalate	390	U	ug/kg	390	390	U	ug/kg	390	9500	UJ	ug/kg	9500	9500	UJ	ug/kg	9500
Fluoranthene	390	U	ug/kg	390	390	U	ug/kg	390	3500	J	ug/kg	9500	9500	UJ	ug/kg	9500

WHITING FIELD ANAL..ICAL RESULT REPORT
SEMIVOLATILE COMPOUNDS ---- SITE 18 ---- VALIDATD DATA

	22495004 WHITING 18-SL-21 13-AUG-92				22495005 WHITING 18-SL-22 13-AUG-92				22489003 WHITING 18-SL-23 13-AUG-92				22489004 WHITING 18-SL-23A 13-AUG-92			
Lab Sample Number: / Site / Locator / Collect Date:	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL
Pyrene	390	U	ug/kg	390	390	U	ug/kg	390	7700	J	ug/kg	9500	6200	J	ug/kg	9500
Butylbenzylphthalate	390	UJ	ug/kg	390	390	UJ	ug/kg	390	9500	UJ	ug/kg	9500	9500	UJ	ug/kg	9500
3,3-Dichlorobenzidine	790	U	ug/kg	790	790	U	ug/kg	790	19000	UJ	ug/kg	19000	19000	UJ	ug/kg	19000
Benzo (a) anthracene	390	U	ug/kg	390	390	U	ug/kg	390	1300	J	ug/kg	9500	9500	UJ	ug/kg	9500
Chrysene	390	U	ug/kg	390	390	U	ug/kg	390	1400	J	ug/kg	9500	9500	UJ	ug/kg	9500
bis(2-Ethylhexyl) phthalate	390	U	ug/kg	390	390	U	ug/kg	390	5600	J	ug/kg	9500	4100	J	ug/kg	9500
Di-n-octylphthalate	390	U	ug/kg	390	390	U	ug/kg	390	9500	UJ	ug/kg	9500	9500	UJ	ug/kg	9500
Benzo (b) fluoranthene	390	UJ	ug/kg	390	390	UJ	ug/kg	390	9500	UJ	ug/kg	9500	9500	UJ	ug/kg	9500
Benzo (k) fluoranthene	390	U	ug/kg	390	390	U	ug/kg	390	9500	UJ	ug/kg	9500	9500	UJ	ug/kg	9500
Benzo (a) pyrene	390	U	ug/kg	390	390	U	ug/kg	390	1200	J	ug/kg	9500	9500	UJ	ug/kg	9500
Indeno (1,2,3-cd) pyrene	390	U	ug/kg	390	390	U	ug/kg	390	9500	UJ	ug/kg	9500	9500	UJ	ug/kg	9500
Dibenz (a,h) anthracene	390	U	ug/kg	390	390	U	ug/kg	390	9500	UJ	ug/kg	9500	9500	UJ	ug/kg	9500
Benzo (g,h,i) perylene	390	U	ug/kg	390	390	U	ug/kg	390	9500	UJ	ug/kg	9500	9500	UJ	ug/kg	9500

U = NOT DETECTED J = ESTIMATED VALUE
UJ = REPORTED QUANTITATION LIMIT IS QUALIFIED AS ESTIMATED
R = RESULT IS REJECTED AND UNUSABLE

WHITING FIELD ANAL...CAL RESULT REPORT
SEMIVOLATILE COMPOUNDS ---- SITE 18 ---- VALIDATD DATA

Lab Sample Number:	22489M03				22489D03				22495006				22495007			
Site	WHITING				WHITING				WHITING				WHITING			
Locator	18-SL-23MS				18-SL-23MSD				18-SL-24				18-SL-25			
Collect Date:	13-AUG-92				13-AUG-92				13-AUG-92				13-AUG-92			
	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL
CLP SEMIVOLATILES 87-SOW																
Phenol	9500	U	ug/kg	9500	9500	U	ug/kg	9500	370	U	ug/kg	370	5400	U	ug/kg	5400
bis(2-Chloroethyl) ether	9500	U	ug/kg	9500	9500	U	ug/kg	9500	370	U	ug/kg	370	5400	U	ug/kg	5400
2-Chlorophenol	9500	U	ug/kg	9500	9500	U	ug/kg	9500	370	U	ug/kg	370	5400	U	ug/kg	5400
1,3-Dichlorobenzene	9500	U	ug/kg	9500	9500	U	ug/kg	9500	370	U	ug/kg	370	5400	U	ug/kg	5400
1,4-Dichlorobenzene	9500	U	ug/kg	9500	9500	U	ug/kg	9500	370	U	ug/kg	370	5400	U	ug/kg	5400
Benzyl alcohol	9500	U	ug/kg	9500	9500	U	ug/kg	9500	370	U	ug/kg	370	5400	U	ug/kg	5400
1,2-Dichlorobenzene	9500	U	ug/kg	9500	9500	U	ug/kg	9500	370	U	ug/kg	370	5400	U	ug/kg	5400
2-Methylphenol	9500	U	ug/kg	9500	9500	U	ug/kg	9500	370	U	ug/kg	370	5400	U	ug/kg	5400
Bis(2-Chloroisopropyl) ether	9500	U	ug/kg	9500	9500	U	ug/kg	9500	370	UJ	ug/kg	370	5400	U	ug/kg	5400
4-Methylphenol	9500	U	ug/kg	9500	9500	U	ug/kg	9500	370	U	ug/kg	370	5400	U	ug/kg	5400
N-Nitroso-di-n-propylamine	9500	U	ug/kg	9500	9500	U	ug/kg	9500	370	U	ug/kg	370	5400	U	ug/kg	5400
Hexachloroethane	9500	U	ug/kg	9500	9500	U	ug/kg	9500	370	U	ug/kg	370	5400	U	ug/kg	5400
Nitrobenzene	9500	U	ug/kg	9500	9500	U	ug/kg	9500	370	U	ug/kg	370	5400	U	ug/kg	5400
Isophorone	9500	U	ug/kg	9500	9500	U	ug/kg	9500	370	U	ug/kg	370	5400	U	ug/kg	5400
2-Nitrophenol	9500	U	ug/kg	9500	9500	U	ug/kg	9500	370	U	ug/kg	370	5400	U	ug/kg	5400
2,4-Dimethylphenol	9500	U	ug/kg	9500	9500	U	ug/kg	9500	370	U	ug/kg	370	5400	U	ug/kg	5400
Benzoic acid	46000	U	ug/kg	46000	46000	U	ug/kg	46000	1800	U	ug/kg	1800	26000	U	ug/kg	26000
bis(2-Chloroethoxy) methane	9500	U	ug/kg	9500	9500	U	ug/kg	9500	370	U	ug/kg	370	5400	U	ug/kg	5400
2,4-Dichlorophenol	9500	U	ug/kg	9500	9500	U	ug/kg	9500	370	U	ug/kg	370	5400	U	ug/kg	5400
1,2,4-Trichlorobenzene	9500	U	ug/kg	9500	9500	U	ug/kg	9500	370	U	ug/kg	370	5400	U	ug/kg	5400
Naphthalene	9500	U	ug/kg	9500	9500	U	ug/kg	9500	370	U	ug/kg	370	4100	J	ug/kg	5400
4-Chloroaniline	9500	U	ug/kg	9500	9500	U	ug/kg	9500	370	U	ug/kg	370	5400	U	ug/kg	5400
Hexachlorobutadiene	9500	U	ug/kg	9500	9500	U	ug/kg	9500	370	U	ug/kg	370	5400	U	ug/kg	5400
4-Chloro-3-methylphenol	9500	U	ug/kg	9500	9500	U	ug/kg	9500	370	U	ug/kg	370	5400	U	ug/kg	5400
2-Methylnaphthalene	9500	U	ug/kg	9500	9500	U	ug/kg	9500	370	U	ug/kg	370	14000		ug/kg	5400
Hexachlorocyclopentadiene	9500	U	ug/kg	9500	9500	U	ug/kg	9500	370	U	ug/kg	370	5400	U	ug/kg	5400
2,4,6-Trichlorophenol	9500	U	ug/kg	9500	9500	U	ug/kg	9500	370	U	ug/kg	370	5400	U	ug/kg	5400
2,4,5-Trichlorophenol	46000	U	ug/kg	46000	46000	U	ug/kg	46000	1800	U	ug/kg	1800	26000	U	ug/kg	26000
2-Chloronaphthalene	9500	U	ug/kg	9500	9500	U	ug/kg	9500	370	U	ug/kg	370	5400	U	ug/kg	5400
2-Nitroaniline	46000	U	ug/kg	46000	46000	U	ug/kg	46000	1800	UJ	ug/kg	1800	26000	U	ug/kg	26000
Dimethylphthalate	9500	U	ug/kg	9500	9500	U	ug/kg	9500	370	U	ug/kg	370	5400	U	ug/kg	5400
Acenaphthylene	9500	U	ug/kg	9500	9500	U	ug/kg	9500	370	U	ug/kg	370	5400	U	ug/kg	5400
2,6-Dinitrotoluene	9500	U	ug/kg	9500	9500	U	ug/kg	9500	370	UJ	ug/kg	370	5400	U	ug/kg	5400
3-Nitroaniline	46000	U	ug/kg	46000	46000	U	ug/kg	46000	1800	U	ug/kg	1800	26000	U	ug/kg	26000
Acenaphthene	9500	U	ug/kg	9500	9500	U	ug/kg	9500	370	U	ug/kg	370	5400	U	ug/kg	5400
2,4-Dinitrophenol	46000	U	ug/kg	46000	46000	U	ug/kg	46000	1800	UJ	ug/kg	1800	26000	U	ug/kg	26000
4-Nitrophenol	46000	U	ug/kg	46000	46000	U	ug/kg	46000	1800	UJ	ug/kg	1800	26000	U	ug/kg	26000
Dibenzofuran	9500	U	ug/kg	9500	9500	U	ug/kg	9500	370	U	ug/kg	370	5400	U	ug/kg	5400
2,4-Dinitrotoluene	9500	U	ug/kg	9500	9500	U	ug/kg	9500	370	U	ug/kg	370	5400	U	ug/kg	5400
Diethylphthalate	9500	U	ug/kg	9500	9500	U	ug/kg	9500	370	U	ug/kg	370	5400	U	ug/kg	5400
4-Chlorophenyl-phenylether	9500	U	ug/kg	9500	9500	U	ug/kg	9500	370	U	ug/kg	370	5400	U	ug/kg	5400
Fluorene	9500	U	ug/kg	9500	9500	U	ug/kg	9500	370	U	ug/kg	370	5400	UJ	ug/kg	5400
4-Nitroaniline	46000	U	ug/kg	46000	46000	U	ug/kg	46000	1800	UJ	ug/kg	1800	26000	U	ug/kg	26000
4,6-Dinitro-2-methylphenol	46000	U	ug/kg	46000	46000	U	ug/kg	46000	1800	U	ug/kg	1800	26000	U	ug/kg	26000
N-Nitrosodiphenylamine (1)	9500	U	ug/kg	9500	9500	U	ug/kg	9500	370	U	ug/kg	370	5400	U	ug/kg	5400
4-Bromophenyl-phenylether	9500	U	ug/kg	9500	9500	U	ug/kg	9500	370	U	ug/kg	370	5400	U	ug/kg	5400
Hexachlorobenzene	9500	U	ug/kg	9500	9500	U	ug/kg	9500	370	U	ug/kg	370	5400	U	ug/kg	5400
Pentachlorophenol	46000	U	ug/kg	46000	46000	U	ug/kg	46000	1800	U	ug/kg	1800	26000	U	ug/kg	26000
Phenanthrene	9500	U	ug/kg	9500	9500	U	ug/kg	9500	370	U	ug/kg	370	730	J	ug/kg	5400
Anthracene	9500	U	ug/kg	9500	9500	U	ug/kg	9500	370	U	ug/kg	370	5400	U	ug/kg	5400
Di-n-butylphthalate	9500	U	ug/kg	9500	9500	U	ug/kg	9500	370	UJ	ug/kg	370	5400	U	ug/kg	5400
Fluoranthene	3000	J	ug/kg	9500	3000	J	ug/kg	9500	370	U	ug/kg	370	5400	U	ug/kg	5400

WHITING FIELD ANAL..ICAL RESULT REPORT
SEMIVOLATILE COMPOUNDS ---- SITE 18 ---- VALIDATD DATA

Lab Sample Number:	22489M03				22489D03				22495006				22495007			
Site	WHITING				WHITING				WHITING				WHITING			
Locator	18-SL-23MS				18-SL-23MSD				18-SL-24				18-SL-25			
Collect Date:	13-AUG-92				13-AUG-92				13-AUG-92				13-AUG-92			
	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL
Pyrene	9500	U	ug/kg	9500	9500	U	ug/kg	9500	370	U	ug/kg	370	5400	U	ug/kg	5400
Butylbenzylphthalate	9500	U	ug/kg	9500	9500	U	ug/kg	9500	370	UJ	ug/kg	370	5400	U	ug/kg	5400
3,3-Dichlorobenzidine	19000	U	ug/kg	19000	19000	U	ug/kg	19000	750	U	ug/kg	750	11000	U	ug/kg	11000
Benzo (a) anthracene	9500	U	ug/kg	9500	1300	J	ug/kg	9500	370	U	ug/kg	370	5400	U	ug/kg	5400
Chrysene	1400	J	ug/kg	9500	9500	U	ug/kg	9500	370	U	ug/kg	370	5400	U	ug/kg	5400
bis(2-Ethylhexyl) phthalate	4400	J	ug/kg	9500	3600	J	ug/kg	9500	68	J	ug/kg	380	5400	U	ug/kg	5400
Di-n-octylphthalate	9500	U	ug/kg	9500	9500	U	ug/kg	9500	370	U	ug/kg	370	5400	U	ug/kg	5400
Benzo (b) fluoranthene	9500	U	ug/kg	9500	9500	U	ug/kg	9500	370	UJ	ug/kg	370	5400	U	ug/kg	5400
Benzo (k) fluoranthene	9500	U	ug/kg	9500	9500	U	ug/kg	9500	370	U	ug/kg	370	5400	U	ug/kg	5400
Benzo (a) pyrene	9500	U	ug/kg	9500	9500	U	ug/kg	9500	370	U	ug/kg	370	5400	U	ug/kg	5400
Indeno (1,2,3-cd) pyrene	9500	U	ug/kg	9500	9500	U	ug/kg	9500	370	U	ug/kg	370	5400	UJ	ug/kg	5400
Dibenz (a,h) anthracene	9500	U	ug/kg	9500	9500	U	ug/kg	9500	370	U	ug/kg	370	5400	UJ	ug/kg	5400
Benzo (g,h,i) perylene	9500	U	ug/kg	9500	9500	U	ug/kg	9500	370	U	ug/kg	370	5400	UJ	ug/kg	5400

U = NOT DETECTED J = ESTIMATED VALUE
UJ - REPORTED QUANTITATION LIMIT IS QUALIFIED AS ESTIMATED
R ULT IS REJECTED AND UNUSABLE

WHITING FIELD ANAL..ICAL RESULT REPORT
SEMIVOLATILE COMPOUNDS ---- SITE 18 ---- VALIDATD DATA

Lab Sample Number:	22495008			22495009			22495010			22495011		
Site	WHITING			WHITING			WHITING			WHITING		
Locator	18-SL-26			18-SL-27			18-SL-28			18-SL-29		
Collect Date:	13-AUG-92			13-AUG-92			13-AUG-92			13-AUG-92		
	VALUE QUAL UNITS		DL	VALUE QUAL UNITS		DL	VALUE QUAL UNITS		DL	VALUE QUAL UNITS		DL
CLP SEMIVOLATILES 87-SOW												
Phenol	370 U	ug/kg	370	8900 UJ	ug/kg	8900	360 U	ug/kg	360	4000 U	ug/kg	4000
bis(2-Chloroethyl) ether	370 U	ug/kg	370	8900 UJ	ug/kg	8900	360 U	ug/kg	360	4000 U	ug/kg	4000
2-Chlorophenol	370 U	ug/kg	370	8900 UJ	ug/kg	8900	360 U	ug/kg	360	4000 U	ug/kg	4000
1,3-Dichlorobenzene	370 U	ug/kg	370	8900 UJ	ug/kg	8900	360 U	ug/kg	360	4000 U	ug/kg	4000
1,4-Dichlorobenzene	370 U	ug/kg	370	8900 UJ	ug/kg	8900	360 U	ug/kg	360	4000 U	ug/kg	4000
Benzyl alcohol	370 U	ug/kg	370	8900 UJ	ug/kg	8900	360 U	ug/kg	360	4000 U	ug/kg	4000
1,2-Dichlorobenzene	370 U	ug/kg	370	8900 UJ	ug/kg	8900	360 U	ug/kg	360	4000 U	ug/kg	4000
2-Methylphenol	370 U	ug/kg	370	8900 UJ	ug/kg	8900	360 U	ug/kg	360	4000 U	ug/kg	4000
Bis(2-Chloroisopropyl) ether	370 UJ	ug/kg	370	8900 UJ	ug/kg	8900	360 UJ	ug/kg	360	4000 U	ug/kg	4000
4-Methylphenol	370 U	ug/kg	370	8900 UJ	ug/kg	8900	360 U	ug/kg	360	4000 U	ug/kg	4000
N-Nitroso-di-n-propylamine	370 U	ug/kg	370	8900 UJ	ug/kg	8900	360 U	ug/kg	360	4000 U	ug/kg	4000
Hexachloroethane	370 U	ug/kg	370	8900 UJ	ug/kg	8900	360 U	ug/kg	360	4000 U	ug/kg	4000
Nitrobenzene	370 U	ug/kg	370	8900 UJ	ug/kg	8900	360 U	ug/kg	360	4000 U	ug/kg	4000
Isophorone	370 U	ug/kg	370	8900 UJ	ug/kg	8900	360 U	ug/kg	360	4000 U	ug/kg	4000
2-Nitrophenol	370 U	ug/kg	370	8900 UJ	ug/kg	8900	360 U	ug/kg	360	4000 U	ug/kg	4000
2,4-Dimethylphenol	370 U	ug/kg	370	8900 UJ	ug/kg	8900	360 U	ug/kg	360	4000 U	ug/kg	4000
Benzoic acid	1800 U	ug/kg	1800	43000 UJ	ug/kg	43000	1800 U	ug/kg	1800	20000 U	ug/kg	20000
bis(2-Chloroethoxy) methane	370 U	ug/kg	370	8900 UJ	ug/kg	8900	360 U	ug/kg	360	4000 U	ug/kg	4000
2,4-Dichlorophenol	370 U	ug/kg	370	8900 UJ	ug/kg	8900	360 U	ug/kg	360	4000 U	ug/kg	4000
1,2,4-Trichlorobenzene	370 U	ug/kg	370	8900 UJ	ug/kg	8900	360 U	ug/kg	360	4000 U	ug/kg	4000
Naphthalene	370 U	ug/kg	370	7500 J	ug/kg	8900	360 U	ug/kg	360	4000 U	ug/kg	4000
4-Chloroaniline	370 U	ug/kg	370	8900 UJ	ug/kg	8900	360 U	ug/kg	360	4000 U	ug/kg	4000
Hexachlorobutadiene	370 U	ug/kg	370	8900 UJ	ug/kg	8900	360 U	ug/kg	360	4000 U	ug/kg	4000
4-Chloro-3-methylphenol	370 U	ug/kg	370	8900 UJ	ug/kg	8900	360 U	ug/kg	360	4000 U	ug/kg	4000
2-Methylnaphthalene	370 U	ug/kg	370	33000 J	ug/kg	8900	360 U	ug/kg	360	4000 U	ug/kg	4000
Hexachlorocyclopentadiene	370 U	ug/kg	370	8900 UJ	ug/kg	8900	360 U	ug/kg	360	4000 U	ug/kg	4000
2,4,6-Trichlorophenol	370 U	ug/kg	370	8900 UJ	ug/kg	8900	360 U	ug/kg	360	4000 U	ug/kg	4000
2,4,5-Trichlorophenol	1800 U	ug/kg	1800	43000 UJ	ug/kg	43000	1800 U	ug/kg	1800	20000 U	ug/kg	20000
2-Chloronaphthalene	370 U	ug/kg	370	8900 UJ	ug/kg	8900	360 U	ug/kg	360	4000 U	ug/kg	4000
2-Nitroaniline	1800 UJ	ug/kg	1800	43000 UJ	ug/kg	43000	1800 UJ	ug/kg	1800	20000 U	ug/kg	20000
Dimethylphthalate	370 U	ug/kg	370	8900 UJ	ug/kg	8900	360 U	ug/kg	360	4000 U	ug/kg	4000
Acenaphthylene	370 U	ug/kg	370	8900 UJ	ug/kg	8900	360 U	ug/kg	360	4000 U	ug/kg	4000
2,6-Dinitrotoluene	370 UJ	ug/kg	370	8900 UJ	ug/kg	8900	360 UJ	ug/kg	360	4000 U	ug/kg	4000
3-Nitroaniline	1800 U	ug/kg	1800	43000 UJ	ug/kg	43000	1800 U	ug/kg	1800	20000 U	ug/kg	20000
Acenaphthene	370 U	ug/kg	370	8900 UJ	ug/kg	8900	360 U	ug/kg	360	4000 U	ug/kg	4000
2,4-Dinitrophenol	1800 UJ	ug/kg	1800	43000 UJ	ug/kg	43000	1800 UJ	ug/kg	1800	20000 U	ug/kg	20000
4-Nitrophenol	1800 UJ	ug/kg	1800	43000 UJ	ug/kg	43000	1800 UJ	ug/kg	1800	20000 U	ug/kg	20000
Dibenzofuran	370 U	ug/kg	370	8900 UJ	ug/kg	8900	360 U	ug/kg	360	4000 U	ug/kg	4000
2,4-Dinitrotoluene	370 U	ug/kg	370	8900 UJ	ug/kg	8900	360 U	ug/kg	360	4000 U	ug/kg	4000
Diethylphthalate	370 U	ug/kg	370	8900 UJ	ug/kg	8900	360 U	ug/kg	360	4000 U	ug/kg	4000
4-Chlorophenyl-phenylether	370 U	ug/kg	370	8900 UJ	ug/kg	8900	360 U	ug/kg	360	4000 U	ug/kg	4000
Fluorene	370 U	ug/kg	370	8900 UJ	ug/kg	8900	360 U	ug/kg	360	4000 UJ	ug/kg	4000
4-Nitroaniline	1800 U	ug/kg	1800	43000 UJ	ug/kg	43000	1800 UJ	ug/kg	1800	20000 U	ug/kg	20000
4,6-Dinitro-2-methylphenol	1800 U	ug/kg	1800	43000 UJ	ug/kg	43000	1800 U	ug/kg	1800	20000 U	ug/kg	20000
N-Nitrosodiphenylamine (1)	370 U	ug/kg	370	8900 UJ	ug/kg	8900	360 U	ug/kg	360	4000 U	ug/kg	4000
4-Bromophenyl-phenylether	370 U	ug/kg	370	8900 UJ	ug/kg	8900	360 U	ug/kg	360	4000 U	ug/kg	4000
Hexachlorobenzene	370 U	ug/kg	370	8900 UJ	ug/kg	8900	360 U	ug/kg	360	4000 U	ug/kg	4000
Pentachlorophenol	1800 U	ug/kg	1800	43000 UJ	ug/kg	43000	1800 U	ug/kg	1800	20000 U	ug/kg	20000
Phenanthrene	370 U	ug/kg	370	2200 J	ug/kg	8900	360 U	ug/kg	360	4000 U	ug/kg	4000
Anthracene	370 U	ug/kg	370	8900 UJ	ug/kg	8900	360 U	ug/kg	360	4000 U	ug/kg	4000
Di-n-butylphthalate	370 UJ	ug/kg	370	8900 UJ	ug/kg	8900	360 U	ug/kg	360	4000 U	ug/kg	4000
Fluoranthene	370 U	ug/kg	370	8900 UJ	ug/kg	8900	360 U	ug/kg	360	4000 U	ug/kg	4000

WHITING FIELD ANAL...CAL RESULT REPORT
SEMIVOLATILE COMPOUNDS ---- SITE 18 ---- VALIDATD DATA

	22495008				22495009				22495010				22495011			
Lab Sample Number:																
Site	WHITING				WHITING				WHITING				WHITING			
Locator	18-SL-26				18-SL-27				18-SL-28				18-SL-29			
Collect Date:	13-AUG-92				13-AUG-92				13-AUG-92				13-AUG-92			
	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL
Pyrene	370	U	ug/kg	370	8900	UJ	ug/kg	8900	360	U	ug/kg	360	4000	U	ug/kg	4000
Butylbenzylphthalate	370	UJ	ug/kg	370	8900	UJ	ug/kg	8900	360	UJ	ug/kg	360	4000	U	ug/kg	4000
3,3-Dichlorobenzidine	750	U	ug/kg	750	18000	UJ	ug/kg	18000	730	U	ug/kg	730	8100	U	ug/kg	8100
Benzo (a) anthracene	370	U	ug/kg	370	8900	UJ	ug/kg	8900	360	U	ug/kg	360	4000	U	ug/kg	4000
Chrysene	370	U	ug/kg	370	8900	UJ	ug/kg	8900	360	U	ug/kg	360	4000	U	ug/kg	4000
bis(2-Ethylhexyl) phthalate	370	U	ug/kg	370	8900	UJ	ug/kg	8900	360	U	ug/kg	360	790	J	ug/kg	4000
Di-n-octylphthalate	370	U	ug/kg	370	8900	UJ	ug/kg	8900	360	U	ug/kg	360	4000	U	ug/kg	4000
Benzo (b) fluoranthene	370	UJ	ug/kg	370	8900	UJ	ug/kg	8900	360	UJ	ug/kg	360	4000	U	ug/kg	4000
Benzo (k) fluoranthene	370	U	ug/kg	370	8900	UJ	ug/kg	8900	360	U	ug/kg	360	4000	U	ug/kg	4000
Benzo (a) pyrene	370	U	ug/kg	370	8900	UJ	ug/kg	8900	360	U	ug/kg	360	4000	U	ug/kg	4000
Indeno (1,2,3-cd) pyrene	370	U	ug/kg	370	8900	UJ	ug/kg	8900	360	U	ug/kg	360	4000	UJ	ug/kg	4000
Dibenz (a,h) anthracene	370	U	ug/kg	370	8900	UJ	ug/kg	8900	360	U	ug/kg	360	4000	UJ	ug/kg	4000
Benzo (g,h,i) perylene	370	U	ug/kg	370	8900	UJ	ug/kg	8900	360	U	ug/kg	360	4000	UJ	ug/kg	4000

U = NOT DETECTED J = ESTIMATED VALUE
UJ = REPORTED QUANTITATION LIMIT IS QUALIFIED AS ESTIMATED
R = ULT IS REJECTED AND UNUSABLE

WHITING FIELD ANAL..CAL RESULT REPORT
SEMIVOLATILE COMPOUNDS ---- SITE 18 ---- VALIDATD DATA

Lab Sample Number:	22495012				22507005				22507006				22506002			
Site	WHITING				WHITING				WHITING				WHITING			
Locator	18-SL-30				18-SL-05				18-SL-06				18-SL-31			
Collect Date:	13-AUG-92				14-AUG-92				14-AUG-92				14-AUG-92			
	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL
CLP SEMIVOLATILES 87-SOW																
Phenol	1500	U	ug/kg	1500	360	U	ug/kg	360	1800	U	ug/kg	1800	4600	U	ug/kg	4600
bis(2-Chloroethyl) ether	1500	U	ug/kg	1500	360	U	ug/kg	360	1800	U	ug/kg	1800	4600	U	ug/kg	4600
2-Chlorophenol	1500	U	ug/kg	1500	360	U	ug/kg	360	1800	U	ug/kg	1800	4600	U	ug/kg	4600
1,3-Dichlorobenzene	1500	U	ug/kg	1500	360	U	ug/kg	360	1800	U	ug/kg	1800	4600	U	ug/kg	4600
1,4-Dichlorobenzene	1500	U	ug/kg	1500	360	U	ug/kg	360	1800	U	ug/kg	1800	4600	U	ug/kg	4600
Benzyl alcohol	1500	U	ug/kg	1500	360	U	ug/kg	360	1800	U	ug/kg	1800	4600	U	ug/kg	4600
1,2-Dichlorobenzene	1500	U	ug/kg	1500	360	U	ug/kg	360	1800	U	ug/kg	1800	4600	U	ug/kg	4600
2-Methylphenol	1500	U	ug/kg	1500	360	U	ug/kg	360	1800	U	ug/kg	1800	4600	U	ug/kg	4600
Bis(2-Chloroisopropyl) ether	1500	U	ug/kg	1500	360	U	ug/kg	360	1800	U	ug/kg	1800	4600	U	ug/kg	4600
4-Methylphenol	1500	U	ug/kg	1500	360	U	ug/kg	360	1800	U	ug/kg	1800	4600	U	ug/kg	4600
N-Nitroso-di-n-propylamine	1500	U	ug/kg	1500	360	U	ug/kg	360	1800	U	ug/kg	1800	4600	U	ug/kg	4600
Hexachloroethane	1500	U	ug/kg	1500	360	U	ug/kg	360	1800	U	ug/kg	1800	4600	U	ug/kg	4600
Nitrobenzene	1500	U	ug/kg	1500	360	U	ug/kg	360	1800	U	ug/kg	1800	4600	U	ug/kg	4600
Isophorone	1500	U	ug/kg	1500	360	U	ug/kg	360	1800	U	ug/kg	1800	4600	U	ug/kg	4600
2-Nitrophenol	1500	U	ug/kg	1500	360	U	ug/kg	360	1800	U	ug/kg	1800	4600	U	ug/kg	4600
2,4-Dimethylphenol	1500	U	ug/kg	1500	360	U	ug/kg	360	1800	U	ug/kg	1800	4600	U	ug/kg	4600
Benzoic acid	7400	U	ug/kg	7400	1800	UJ	ug/kg	1800	8900	UJ	ug/kg	8900	22000	UJ	ug/kg	22000
bis(2-Chloroethoxy) methane	1500	U	ug/kg	1500	360	U	ug/kg	360	440	J	ug/kg	1800	4600	U	ug/kg	4600
2,4-Dichlorophenol	1500	U	ug/kg	1500	360	U	ug/kg	360	1800	U	ug/kg	1800	4600	U	ug/kg	4600
1,2,4-Trichlorobenzene	1500	U	ug/kg	1500	360	U	ug/kg	360	1800	U	ug/kg	1800	4600	U	ug/kg	4600
Naphthalene	1500	U	ug/kg	1500	360	U	ug/kg	360	1800	U	ug/kg	1800	4600	U	ug/kg	4600
4-Chloroaniline	1500	U	ug/kg	1500	360	U	ug/kg	360	1800	U	ug/kg	1800	4600	U	ug/kg	4600
Hexachlorobutadiene	1500	U	ug/kg	1500	360	U	ug/kg	360	1800	U	ug/kg	1800	4600	U	ug/kg	4600
4-Chloro-3-methylphenol	1500	U	ug/kg	1500	360	U	ug/kg	360	1800	U	ug/kg	1800	4600	U	ug/kg	4600
2-Methylnaphthalene	1500	U	ug/kg	1500	360	U	ug/kg	360	1800	U	ug/kg	1800	1200	J	ug/kg	4600
Hexachlorocyclopentadiene	1500	U	ug/kg	1500	360	U	ug/kg	360	1800	U	ug/kg	1800	4600	U	ug/kg	4600
2,4,6-Trichlorophenol	1500	U	ug/kg	1500	360	U	ug/kg	360	1800	U	ug/kg	1800	4600	U	ug/kg	4600
2,4,5-Trichlorophenol	7400	U	ug/kg	7400	1800	U	ug/kg	1800	8900	U	ug/kg	8900	22000	U	ug/kg	22000
2-Chloronaphthalene	1500	U	ug/kg	1500	360	U	ug/kg	360	1800	U	ug/kg	1800	4600	U	ug/kg	4600
2-Nitroaniline	7400	U	ug/kg	7400	1800	U	ug/kg	1800	8900	U	ug/kg	8900	22000	U	ug/kg	22000
Dimethylphthalate	1500	U	ug/kg	1500	360	U	ug/kg	360	1800	U	ug/kg	1800	4600	U	ug/kg	4600
Acenaphthylene	1500	U	ug/kg	1500	360	U	ug/kg	360	1800	U	ug/kg	1800	4600	U	ug/kg	4600
2,6-Dinitrotoluene	1500	U	ug/kg	1500	360	U	ug/kg	360	1800	U	ug/kg	1800	4600	U	ug/kg	4600
3-Nitroaniline	7400	U	ug/kg	7400	1800	U	ug/kg	1800	8900	U	ug/kg	8900	22000	U	ug/kg	22000
Acenaphthene	1500	U	ug/kg	1500	360	U	ug/kg	360	1800	U	ug/kg	1800	4600	U	ug/kg	4600
2,4-Dinitrophenol	7400	U	ug/kg	7400	1800	U	ug/kg	1800	8900	UJ	ug/kg	8900	22000	U	ug/kg	22000
4-Nitrophenol	7400	U	ug/kg	7400	1800	U	ug/kg	1800	8900	U	ug/kg	8900	22000	U	ug/kg	22000
Dibenzofuran	1500	U	ug/kg	1500	360	U	ug/kg	360	1800	U	ug/kg	1800	4600	U	ug/kg	4600
2,4-Dinitrotoluene	1500	U	ug/kg	1500	360	U	ug/kg	360	1800	U	ug/kg	1800	4600	U	ug/kg	4600
Diethylphthalate	1500	U	ug/kg	1500	360	U	ug/kg	360	1800	U	ug/kg	1800	4600	U	ug/kg	4600
4-Chlorophenyl-phenylether	1500	U	ug/kg	1500	360	U	ug/kg	360	1800	U	ug/kg	1800	4600	U	ug/kg	4600
Fluorene	1500	UJ	ug/kg	1500	360	U	ug/kg	360	1800	U	ug/kg	1800	4600	U	ug/kg	4600
4-Nitroaniline	7400	U	ug/kg	7400	1800	U	ug/kg	1800	8900	U	ug/kg	8900	22000	U	ug/kg	22000
4,6-Dinitro-2-methylphenol	7400	U	ug/kg	7400	1800	U	ug/kg	1800	8900	U	ug/kg	8900	22000	U	ug/kg	22000
N-Nitrosodiphenylamine (1)	1500	U	ug/kg	1500	360	U	ug/kg	360	1800	U	ug/kg	1800	4600	U	ug/kg	4600
4-Bromophenyl-phenylether	1500	U	ug/kg	1500	360	U	ug/kg	360	1800	U	ug/kg	1800	4600	U	ug/kg	4600
Hexachlorobenzene	1500	U	ug/kg	1500	360	U	ug/kg	360	1800	U	ug/kg	1800	4600	U	ug/kg	4600
Pentachlorophenol	7400	U	ug/kg	7400	1800	U	ug/kg	1800	8900	U	ug/kg	8900	22000	U	ug/kg	22000
Phenanthrene	1500	U	ug/kg	1500	360	U	ug/kg	360	1800	U	ug/kg	1800	4600	U	ug/kg	4600
Anthracene	1500	U	ug/kg	1500	360	U	ug/kg	360	1800	U	ug/kg	1800	4600	U	ug/kg	4600
Di-n-butylphthalate	1500	U	ug/kg	1500	360	UJ	ug/kg	360	1800	U	ug/kg	1800	4600	U	ug/kg	4600
Fluoranthene	1500	U	ug/kg	1500	360	U	ug/kg	360	1800	U	ug/kg	1800	4600	U	ug/kg	4600

WHITING FIELD ANAL..ICAL RESULT REPORT
SEMIVOLATILE COMPOUNDS ---- SITE 18 ---- VALIDATD DATA

Lab Sample Number:	22495012				22507005				22507006				22506002			
Site	WHITING				WHITING				WHITING				WHITING			
Locator	18-SL-30				18-SL-05				18-SL-06				18-SL-31			
Collect Date:	13-AUG-92				14-AUG-92				14-AUG-92				14-AUG-92			
	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL
Pyrene	1500	U	ug/kg	1500	360	U	ug/kg	360	1800	U	ug/kg	1800	4600	U	ug/kg	4600
Butylbenzylphthalate	1500	U	ug/kg	1500	360	U	ug/kg	360	1800	U	ug/kg	1800	4600	U	ug/kg	4600
3,3-Dichlorobenzidine	3100	U	ug/kg	3100	730	UJ	ug/kg	730	3700	U	ug/kg	3700	9100	U	ug/kg	9100
Benzo (a) anthracene	1500	U	ug/kg	1500	360	U	ug/kg	360	1800	U	ug/kg	1800	4600	U	ug/kg	4600
Chrysene	1500	U	ug/kg	1500	360	U	ug/kg	360	1800	U	ug/kg	1800	4600	U	ug/kg	4600
bis(2-Ethylhexyl) phthalate	600	J	ug/kg	1500	360	U	ug/kg	360	1800	U	ug/kg	1800	4600	U	ug/kg	4600
Di-n-octylphthalate	1500	U	ug/kg	1500	360	U	ug/kg	360	1800	U	ug/kg	1800	4600	U	ug/kg	4600
Benzo (b) fluoranthene	1500	U	ug/kg	1500	360	U	ug/kg	360	1800	U	ug/kg	1800	4600	U	ug/kg	4600
Benzo (k) fluoranthene	1500	U	ug/kg	1500	360	U	ug/kg	360	1800	U	ug/kg	1800	4600	U	ug/kg	4600
Benzo (a) pyrene	1500	U	ug/kg	1500	360	U	ug/kg	360	1800	U	ug/kg	1800	4600	U	ug/kg	4600
Indeno (1,2,3-cd) pyrene	1500	UJ	ug/kg	1500	360	U	ug/kg	360	1800	U	ug/kg	1800	4600	U	ug/kg	4600
Dibenz (a,h) anthracene	1500	UJ	ug/kg	1500	360	U	ug/kg	360	1800	U	ug/kg	1800	4600	U	ug/kg	4600
Benzo (g,h,i) perylene	1500	UJ	ug/kg	1500	360	U	ug/kg	360	1800	U	ug/kg	1800	4600	U	ug/kg	4600

U = NOT DETECTED J = ESTIMATED VALUE
UJ = REPORTED QUANTITATION LIMIT IS QUALIFIED AS ESTIMATED
R = RESULT IS REJECTED AND UNUSABLE

WHITING FIELD ANAL..ICAL RESULT REPORT
SEMIVOLATILE COMPOUNDS ---- SITE 18 ---- VALIDATD DATA

Lab Sample Number:	22507003				22506003				22506004				22506005			
Site	WHITING				WHITING				WHITING				WHITING			
Locator	18-SL-31A				18-SL-32				18-SL-33				18-SL-34			
Collect Date:	14-AUG-92				14-AUG-92				14-AUG-92				14-AUG-92			
	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL
CLP SEMIVOLATILES 87-SOW																
Phenol	4600	U	ug/kg	4600	19000	U	ug/kg	19000	20000	U	ug/kg	20000	11000	U	ug/kg	11000
bis(2-Chloroethyl) ether	4600	U	ug/kg	4600	19000	U	ug/kg	19000	20000	U	ug/kg	20000	11000	U	ug/kg	11000
2-Chlorophenol	4600	U	ug/kg	4600	19000	U	ug/kg	19000	20000	U	ug/kg	20000	11000	U	ug/kg	11000
1,3-Dichlorobenzene	4600	U	ug/kg	4600	19000	U	ug/kg	19000	20000	U	ug/kg	20000	11000	U	ug/kg	11000
1,4-Dichlorobenzene	4600	U	ug/kg	4600	19000	U	ug/kg	19000	20000	U	ug/kg	20000	11000	U	ug/kg	11000
Benzyl alcohol	4600	U	ug/kg	4600	19000	U	ug/kg	19000	20000	U	ug/kg	20000	11000	U	ug/kg	11000
1,2-Dichlorobenzene	4600	U	ug/kg	4600	19000	U	ug/kg	19000	20000	U	ug/kg	20000	11000	U	ug/kg	11000
2-Methylphenol	4600	U	ug/kg	4600	19000	U	ug/kg	19000	20000	U	ug/kg	20000	11000	U	ug/kg	11000
Bis(2-Chloroisopropyl) ether	4600	U	ug/kg	4600	19000	U	ug/kg	19000	20000	U	ug/kg	20000	11000	U	ug/kg	11000
4-Methylphenol	4600	U	ug/kg	4600	19000	U	ug/kg	19000	20000	U	ug/kg	20000	11000	U	ug/kg	11000
N-Nitroso-di-n-propylamine	4600	U	ug/kg	4600	19000	U	ug/kg	19000	20000	U	ug/kg	20000	11000	U	ug/kg	11000
Hexachloroethane	4600	U	ug/kg	4600	19000	U	ug/kg	19000	20000	U	ug/kg	20000	11000	U	ug/kg	11000
Nitrobenzene	4600	U	ug/kg	4600	19000	U	ug/kg	19000	20000	U	ug/kg	20000	11000	U	ug/kg	11000
Isophorone	4600	U	ug/kg	4600	19000	U	ug/kg	19000	20000	U	ug/kg	20000	11000	U	ug/kg	11000
2-Nitrophenol	4600	U	ug/kg	4600	19000	U	ug/kg	19000	20000	U	ug/kg	20000	11000	U	ug/kg	11000
2,4-Dimethylphenol	4600	U	ug/kg	4600	19000	U	ug/kg	19000	20000	U	ug/kg	20000	11000	U	ug/kg	11000
Benzoic acid	22000	UJ	ug/kg	22000	91000	U	ug/kg	91000	99000	U	ug/kg	99000	54000	U	ug/kg	54000
bis(2-Chloroethoxy) methane	4600	U	ug/kg	4600	19000	U	ug/kg	19000	20000	U	ug/kg	20000	11000	U	ug/kg	11000
2,4-Dichlorophenol	4600	U	ug/kg	4600	19000	U	ug/kg	19000	20000	U	ug/kg	20000	11000	U	ug/kg	11000
1,2,4-Trichlorobenzene	4600	U	ug/kg	4600	19000	U	ug/kg	19000	20000	U	ug/kg	20000	11000	U	ug/kg	11000
Naphthalene	4600	U	ug/kg	4600	5700	J	ug/kg	19000	8000	J	ug/kg	20000	11000	U	ug/kg	11000
4-Chloroaniline	4600	U	ug/kg	4600	19000	U	ug/kg	19000	20000	U	ug/kg	20000	11000	U	ug/kg	11000
Hexachlorobutadiene	4600	U	ug/kg	4600	19000	U	ug/kg	19000	20000	U	ug/kg	20000	11000	U	ug/kg	11000
4-Chloro-3-methylphenol	4600	U	ug/kg	4600	19000	U	ug/kg	19000	20000	U	ug/kg	20000	11000	U	ug/kg	11000
2-Methylnaphthalene	4600	U	ug/kg	4600	19000	U	ug/kg	19000	24000		ug/kg	20000	11000	U	ug/kg	11000
Hexachlorocyclopentadiene	4600	U	ug/kg	4600	19000	U	ug/kg	19000	20000	U	ug/kg	20000	11000	U	ug/kg	11000
2,4,6-Trichlorophenol	4600	U	ug/kg	4600	19000	U	ug/kg	19000	20000	U	ug/kg	20000	11000	U	ug/kg	11000
2,4,5-Trichlorophenol	22000	U	ug/kg	22000	91000	U	ug/kg	91000	99000	U	ug/kg	99000	54000	U	ug/kg	54000
2-Chloronaphthalene	4600	U	ug/kg	4600	19000	U	ug/kg	19000	20000	U	ug/kg	20000	11000	U	ug/kg	11000
2-Nitroaniline	22000	U	ug/kg	22000	91000	U	ug/kg	91000	99000	U	ug/kg	99000	54000	U	ug/kg	54000
Dimethylphthalate	4600	U	ug/kg	4600	19000	U	ug/kg	19000	20000	U	ug/kg	20000	11000	U	ug/kg	11000
Acenaphthylene	4600	U	ug/kg	4600	19000	U	ug/kg	19000	20000	U	ug/kg	20000	11000	U	ug/kg	11000
2,6-Dinitrotoluene	4600	U	ug/kg	4600	19000	U	ug/kg	19000	20000	U	ug/kg	20000	11000	U	ug/kg	11000
3-Nitroaniline	22000	U	ug/kg	22000	91000	U	ug/kg	91000	99000	U	ug/kg	99000	54000	U	ug/kg	54000
Acenaphthene	4600	U	ug/kg	4600	19000	U	ug/kg	19000	20000	U	ug/kg	20000	11000	U	ug/kg	11000
2,4-Dinitrophenol	22000	U	ug/kg	22000	91000	U	ug/kg	91000	99000	U	ug/kg	99000	54000	U	ug/kg	54000
4-Nitrophenol	22000	U	ug/kg	22000	91000	U	ug/kg	91000	99000	U	ug/kg	99000	54000	U	ug/kg	54000
Dibenzofuran	4600	U	ug/kg	4600	19000	U	ug/kg	19000	20000	U	ug/kg	20000	11000	U	ug/kg	11000
2,4-Dinitrotoluene	4600	U	ug/kg	4600	19000	U	ug/kg	19000	20000	U	ug/kg	20000	11000	U	ug/kg	11000
Diethylphthalate	4600	U	ug/kg	4600	19000	U	ug/kg	19000	20000	U	ug/kg	20000	11000	U	ug/kg	11000
4-Chlorophenyl-phenylether	4600	U	ug/kg	4600	19000	U	ug/kg	19000	20000	U	ug/kg	20000	11000	U	ug/kg	11000
Fluorene	4600	U	ug/kg	4600	19000	U	ug/kg	19000	20000	U	ug/kg	20000	11000	U	ug/kg	11000
4-Nitroaniline	22000	U	ug/kg	22000	91000	U	ug/kg	91000	99000	U	ug/kg	99000	54000	U	ug/kg	54000
4,6-Dinitro-2-methylphenol	22000	U	ug/kg	22000	91000	U	ug/kg	91000	99000	U	ug/kg	99000	54000	U	ug/kg	54000
N-Nitrosodiphenylamine (1)	4600	U	ug/kg	4600	19000	U	ug/kg	19000	20000	U	ug/kg	20000	11000	U	ug/kg	11000
4-Bromophenyl-phenylether	4600	U	ug/kg	4600	19000	U	ug/kg	19000	20000	U	ug/kg	20000	11000	U	ug/kg	11000
Hexachlorobenzene	4600	U	ug/kg	4600	19000	U	ug/kg	19000	20000	U	ug/kg	20000	11000	U	ug/kg	11000
Pentachlorophenol	22000	U	ug/kg	22000	91000	U	ug/kg	91000	99000	U	ug/kg	99000	54000	U	ug/kg	54000
Phenanthrene	4600	U	ug/kg	4600	19000	U	ug/kg	19000	20000	U	ug/kg	20000	11000	U	ug/kg	11000
Anthracene	4600	U	ug/kg	4600	19000	U	ug/kg	19000	20000	U	ug/kg	20000	11000	U	ug/kg	11000
Di-n-butylphthalate	4600	U	ug/kg	4600	19000	U	ug/kg	19000	20000	U	ug/kg	20000	11000	U	ug/kg	11000
Fluoranthene	4600	U	ug/kg	4600	19000	U	ug/kg	19000	20000	U	ug/kg	20000	11000	U	ug/kg	11000

WHITING FIELD ANAL..CAL RESULT REPORT
SEMIVOLATILE COMPOUNDS ---- SITE 18 ---- VALIDATD DATA

Lab Sample Number:	22507003				22506003				22506004				22506005			
Site	WHITING				WHITING				WHITING				WHITING			
Locator	18-SL-31A				18-SL-32				18-SL-33				18-SL-34			
Collect Date:	14-AUG-92				14-AUG-92				14-AUG-92				14-AUG-92			
	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL
Pyrene	730	J	ug/kg	4600	2100	J	ug/kg	19000	20000	U	ug/kg	20000	11000	U	ug/kg	11000
Butylbenzylphthalate	4600	U	ug/kg	4600	19000	U	ug/kg	19000	20000	U	ug/kg	20000	11000	U	ug/kg	11000
3,3-Dichlorobenzidine	9100	UJ	ug/kg	9100	38000	U	ug/kg	38000	41000	U	ug/kg	41000	22000	U	ug/kg	22000
Benzo (a) anthracene	4600	U	ug/kg	4600	19000	U	ug/kg	19000	20000	U	ug/kg	20000	11000	U	ug/kg	11000
Chrysene	4600	U	ug/kg	4600	19000	U	ug/kg	19000	20000	U	ug/kg	20000	11000	U	ug/kg	11000
bis(2-Ethylhexyl) phthalate	4600	U	ug/kg	4600	19000	U	ug/kg	19000	20000	U	ug/kg	20000	11000	U	ug/kg	11000
Di-n-octylphthalate	4600	U	ug/kg	4600	19000	U	ug/kg	19000	20000	U	ug/kg	20000	11000	U	ug/kg	11000
Benzo (b) fluoranthene	4600	U	ug/kg	4600	19000	U	ug/kg	19000	20000	U	ug/kg	20000	11000	U	ug/kg	11000
Benzo (k) fluoranthene	4600	U	ug/kg	4600	19000	U	ug/kg	19000	20000	U	ug/kg	20000	11000	U	ug/kg	11000
Benzo (a) pyrene	4600	U	ug/kg	4600	19000	U	ug/kg	19000	20000	U	ug/kg	20000	11000	U	ug/kg	11000
Indeno (1,2,3-cd) pyrene	4600	U	ug/kg	4600	19000	U	ug/kg	19000	20000	U	ug/kg	20000	11000	U	ug/kg	11000
Dibenz (a,h) anthracene	4600	U	ug/kg	4600	19000	U	ug/kg	19000	20000	U	ug/kg	20000	11000	U	ug/kg	11000
Benzo (g,h,i) perylene	4600	U	ug/kg	4600	19000	U	ug/kg	19000	20000	U	ug/kg	20000	11000	U	ug/kg	11000

U = NOT DETECTED J = ESTIMATED VALUE
UJ = REPORTED QUANTITATION LIMIT IS QUALIFIED AS ESTIMATED
R = RESULT IS REJECTED AND UNUSABLE

WHITING FIELD ANAL...CAL RESULT REPORT
SEMIVOLATILE COMPOUNDS ---- SITE 18 ---- VALIDATD DATA

Lab Sample Number:	22506006			22506007			22506008			22507001		
Site	WHITING			WHITING			WHITING			WHITING		
Locator	18-SL-35			18-SL-36			18-SL-37			18-SL-37A		
Collect Date:	14-AUG-92			14-AUG-92			14-AUG-92			14-AUG-92		
	VALUE QUAL	UNITS	DL	VALUE QUAL	UNITS	DL	VALUE QUAL	UNITS	DL	VALUE QUAL	UNITS	DL
CLP SEMIVOLATILES 87-SOW												
Phenol	1200 U	ug/kg	1200	13000 U	ug/kg	13000	2500 U	ug/kg	2500	1500 U	ug/kg	1500
bis(2-Chloroethyl) ether	1200 U	ug/kg	1200	13000 U	ug/kg	13000	2500 U	ug/kg	2500	1500 U	ug/kg	1500
2-Chlorophenol	1200 U	ug/kg	1200	13000 U	ug/kg	13000	2500 U	ug/kg	2500	1500 U	ug/kg	1500
1,3-Dichlorobenzene	1200 U	ug/kg	1200	13000 U	ug/kg	13000	2500 U	ug/kg	2500	1500 U	ug/kg	1500
1,4-Dichlorobenzene	1200 U	ug/kg	1200	13000 U	ug/kg	13000	2500 U	ug/kg	2500	1500 U	ug/kg	1500
Benzyl alcohol	1200 U	ug/kg	1200	13000 U	ug/kg	13000	2500 U	ug/kg	2500	1500 U	ug/kg	1500
1,2-Dichlorobenzene	1200 U	ug/kg	1200	13000 U	ug/kg	13000	2500 U	ug/kg	2500	1500 U	ug/kg	1500
2-Methylphenol	1200 U	ug/kg	1200	13000 U	ug/kg	13000	2500 U	ug/kg	2500	1500 U	ug/kg	1500
Bis(2-Chloroisopropyl) ether	1200 U	ug/kg	1200	13000 U	ug/kg	13000	2500 U	ug/kg	2500	1500 U	ug/kg	1500
4-Methylphenol	1200 U	ug/kg	1200	13000 U	ug/kg	13000	2500 U	ug/kg	2500	1500 U	ug/kg	1500
N-Nitroso-di-n-propylamine	1200 U	ug/kg	1200	13000 U	ug/kg	13000	2500 U	ug/kg	2500	1500 U	ug/kg	1500
Hexachloroethane	1200 U	ug/kg	1200	13000 U	ug/kg	13000	2500 U	ug/kg	2500	1500 U	ug/kg	1500
Nitrobenzene	1200 U	ug/kg	1200	13000 U	ug/kg	13000	2500 U	ug/kg	2500	1500 U	ug/kg	1500
Isophorone	1200 U	ug/kg	1200	13000 U	ug/kg	13000	2500 U	ug/kg	2500	1500 U	ug/kg	1500
2-Nitrophenol	1200 U	ug/kg	1200	13000 U	ug/kg	13000	2500 U	ug/kg	2500	1500 U	ug/kg	1500
2,4-Dimethylphenol	1200 U	ug/kg	1200	13000 U	ug/kg	13000	2500 U	ug/kg	2500	1500 U	ug/kg	1500
Benzoic acid	5900 U	ug/kg	5900	62000 U	ug/kg	62000	12000 UJ	ug/kg	12000	7100 UJ	ug/kg	7100
bis(2-Chloroethoxy) methane	1200 U	ug/kg	1200	13000 U	ug/kg	13000	2500 U	ug/kg	2500	1500 U	ug/kg	1500
2,4-Dichlorophenol	1200 U	ug/kg	1200	13000 U	ug/kg	13000	2500 U	ug/kg	2500	1500 U	ug/kg	1500
1,2,4-Trichlorobenzene	1200 U	ug/kg	1200	13000 U	ug/kg	13000	2500 U	ug/kg	2500	1500 U	ug/kg	1500
Naphthalene	1200 U	ug/kg	1200	4200 J	ug/kg	13000	2500 U	ug/kg	2500	1500 U	ug/kg	1500
4-Chloroaniline	1200 U	ug/kg	1200	13000 U	ug/kg	13000	2500 U	ug/kg	2500	1500 U	ug/kg	1500
Hexachlorobutadiene	1200 U	ug/kg	1200	13000 U	ug/kg	13000	2500 U	ug/kg	2500	1500 U	ug/kg	1500
4-Chloro-3-methylphenol	1200 U	ug/kg	1200	13000 U	ug/kg	13000	2500 U	ug/kg	2500	1500 U	ug/kg	1500
2-Methylnaphthalene	1200 U	ug/kg	1200	19000	ug/kg	13000	2500 U	ug/kg	2500	1500 U	ug/kg	1500
Hexachlorocyclopentadiene	1200 U	ug/kg	1200	13000 U	ug/kg	13000	2500 U	ug/kg	2500	1500 U	ug/kg	1500
2,4,6-Trichlorophenol	1200 U	ug/kg	1200	13000 U	ug/kg	13000	2500 U	ug/kg	2500	1500 U	ug/kg	1500
2,4,5-Trichlorophenol	5900 U	ug/kg	5900	62000 U	ug/kg	62000	12000 U	ug/kg	12000	7100 U	ug/kg	7100
2-Chloronaphthalene	1200 U	ug/kg	1200	13000 U	ug/kg	13000	2500 U	ug/kg	2500	1500 U	ug/kg	1500
2-Nitroaniline	5900 U	ug/kg	5900	62000 U	ug/kg	62000	12000 U	ug/kg	12000	7100 U	ug/kg	7100
Dimethylphthalate	1200 U	ug/kg	1200	13000 U	ug/kg	13000	2500 U	ug/kg	2500	1500 U	ug/kg	1500
Acenaphthylene	1200 U	ug/kg	1200	13000 U	ug/kg	13000	2500 U	ug/kg	2500	1500 U	ug/kg	1500
2,6-Dinitrotoluene	1200 U	ug/kg	1200	13000 U	ug/kg	13000	2500 U	ug/kg	2500	1500 U	ug/kg	1500
3-Nitroaniline	5900 U	ug/kg	5900	62000 U	ug/kg	62000	12000 U	ug/kg	12000	7100 U	ug/kg	7100
Acenaphthene	1200 U	ug/kg	1200	13000 U	ug/kg	13000	2500 U	ug/kg	2500	1500 U	ug/kg	1500
2,4-Dinitrophenol	5900 U	ug/kg	5900	62000 U	ug/kg	62000	12000 U	ug/kg	12000	7100 U	ug/kg	7100
4-Nitrophenol	5900 U	ug/kg	5900	62000 U	ug/kg	62000	12000 U	ug/kg	12000	7100 U	ug/kg	7100
Dibenzofuran	1200 U	ug/kg	1200	13000 U	ug/kg	13000	2500 U	ug/kg	2500	1500 U	ug/kg	1500
2,4-Dinitrotoluene	1200 U	ug/kg	1200	13000 U	ug/kg	13000	2500 U	ug/kg	2500	1500 U	ug/kg	1500
Diethylphthalate	1200 U	ug/kg	1200	13000 U	ug/kg	13000	2500 U	ug/kg	2500	1500 U	ug/kg	1500
4-Chlorophenyl-phenylether	1200 U	ug/kg	1200	13000 U	ug/kg	13000	2500 U	ug/kg	2500	1500 U	ug/kg	1500
Fluorene	1200 U	ug/kg	1200	13000 U	ug/kg	13000	2500 U	ug/kg	2500	1500 U	ug/kg	1500
4-Nitroaniline	5900 U	ug/kg	5900	62000 U	ug/kg	62000	12000 U	ug/kg	12000	7100 U	ug/kg	7100
4,6-Dinitro-2-methylphenol	5900 U	ug/kg	5900	62000 U	ug/kg	62000	12000 U	ug/kg	12000	7100 U	ug/kg	7100
N-Nitrosodiphenylamine (1)	1200 U	ug/kg	1200	13000 U	ug/kg	13000	2500 U	ug/kg	2500	1500 U	ug/kg	1500
4-Bromophenyl-phenylether	1200 U	ug/kg	1200	13000 U	ug/kg	13000	2500 U	ug/kg	2500	1500 U	ug/kg	1500
Hexachlorobenzene	1200 U	ug/kg	1200	13000 U	ug/kg	13000	2500 U	ug/kg	2500	1500 U	ug/kg	1500
Pentachlorophenol	5900 U	ug/kg	5900	62000 U	ug/kg	62000	12000 U	ug/kg	12000	7100 U	ug/kg	7100
Phenanthrene	1200 U	ug/kg	1200	13000 U	ug/kg	13000	2500 U	ug/kg	2500	1500 U	ug/kg	1500
Anthracene	1200 U	ug/kg	1200	13000 U	ug/kg	13000	2500 U	ug/kg	2500	1500 U	ug/kg	1500
Di-n-butylphthalate	1200 U	ug/kg	1200	13000 U	ug/kg	13000	2500 U	ug/kg	2500	1500 U	ug/kg	1500
Fluoranthene	1200 U	ug/kg	1200	13000 U	ug/kg	13000	2500 U	ug/kg	2500	1500 U	ug/kg	1500

WHITING FIELD ANAL...ICAL RESULT REPORT
SEMIVOLATILE COMPOUNDS ---- SITE 18 ---- VALIDATD DATA

Lab Sample Number:	22506006				22506007				22506008				22507001			
Site	WHITING				WHITING				WHITING				WHITING			
Locator	18-SL-35				18-SL-36				18-SL-37				18-SL-37A			
Collect Date:	14-AUG-92				14-AUG-92				14-AUG-92				14-AUG-92			
	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL
Pyrene	1200	U	ug/kg	1200	13000	U	ug/kg	13000	2500	U	ug/kg	2500	1500	U	ug/kg	1500
Butylbenzylphthalate	1200	U	ug/kg	1200	13000	U	ug/kg	13000	2500	U	ug/kg	2500	1500	U	ug/kg	1500
3,3-Dichlorobenzidine	2400	U	ug/kg	2400	26000	U	ug/kg	26000	5000	U	ug/kg	5000	2900	UJ	ug/kg	2900
Benzo (a) anthracene	1200	U	ug/kg	1200	13000	U	ug/kg	13000	2500	U	ug/kg	2500	1500	U	ug/kg	1500
Chrysene	1200	U	ug/kg	1200	13000	U	ug/kg	13000	2500	U	ug/kg	2500	1500	U	ug/kg	1500
bis(2-Ethylhexyl) phthalate	170	J	ug/kg	1200	13000	U	ug/kg	13000	1800	J	ug/kg	2500	3500		ug/kg	1500
Di-n-octylphthalate	1200	U	ug/kg	1200	13000	U	ug/kg	13000	2500	U	ug/kg	2500	1500	U	ug/kg	1500
Benzo (b) fluoranthene	1200	U	ug/kg	1200	13000	U	ug/kg	13000	2500	U	ug/kg	2500	1500	U	ug/kg	1500
Benzo (k) fluoranthene	1200	U	ug/kg	1200	13000	U	ug/kg	13000	2500	U	ug/kg	2500	1500	U	ug/kg	1500
Benzo (a) pyrene	1200	U	ug/kg	1200	13000	U	ug/kg	13000	2500	U	ug/kg	2500	1500	U	ug/kg	1500
Indeno (1,2,3-cd) pyrene	1200	U	ug/kg	1200	13000	U	ug/kg	13000	2500	U	ug/kg	2500	1500	U	ug/kg	1500
Dibenz (a,h) anthracene	1200	U	ug/kg	1200	13000	U	ug/kg	13000	2500	U	ug/kg	2500	1500	U	ug/kg	1500
Benzo (g,h,i) perylene	1200	U	ug/kg	1200	13000	U	ug/kg	13000	2500	U	ug/kg	2500	1500	U	ug/kg	1500

U = NOT DETECTED J = ESTIMATED VALUE
UJ = REPORTED QUANTITATION LIMIT IS QUALIFIED AS ESTIMATED
R = ...ULT IS REJECTED AND UNUSABLE

WHITING FIELD ANAL...CAL RESULT REPORT
SEMIVOLATILE COMPOUNDS ---- SITE 18 ---- VALIDATD DATA

Lab Sample Number:	22506009				22506010				22506011				22507002			
Site	WHITING				WHITING				WHITING				WHITING			
Locator	18-SL-38				18-SL-39				18-SL-40				18-SL-41			
Collect Date:	14-AUG-92				14-AUG-92				14-AUG-92				14-AUG-92			
	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL
CLP SEMIVOLATILES 87-SOW																
Phenol	370	U	ug/kg	370	360	U	ug/kg	360	370	U	ug/kg	370	350	U	ug/kg	350
bis(2-Chloroethyl) ether	370	U	ug/kg	370	360	U	ug/kg	360	370	U	ug/kg	370	350	U	ug/kg	350
2-Chlorophenol	370	U	ug/kg	370	360	U	ug/kg	360	370	U	ug/kg	370	350	U	ug/kg	350
1,3-Dichlorobenzene	370	U	ug/kg	370	360	U	ug/kg	360	370	U	ug/kg	370	350	U	ug/kg	350
1,4-Dichlorobenzene	370	U	ug/kg	370	360	U	ug/kg	360	370	U	ug/kg	370	350	U	ug/kg	350
Benzyl alcohol	370	U	ug/kg	370	360	U	ug/kg	360	370	U	ug/kg	370	350	U	ug/kg	350
1,2-Dichlorobenzene	370	U	ug/kg	370	360	U	ug/kg	360	370	U	ug/kg	370	350	U	ug/kg	350
2-Methylphenol	370	U	ug/kg	370	360	U	ug/kg	360	370	U	ug/kg	370	350	U	ug/kg	350
Bis(2-Chloroisopropyl) ether	370	U	ug/kg	370	360	U	ug/kg	360	370	U	ug/kg	370	350	U	ug/kg	350
4-Methylphenol	370	U	ug/kg	370	360	U	ug/kg	360	370	U	ug/kg	370	350	U	ug/kg	350
N-Nitroso-di-n-propylamine	370	U	ug/kg	370	360	U	ug/kg	360	370	U	ug/kg	370	350	U	ug/kg	350
Hexachloroethane	370	U	ug/kg	370	360	U	ug/kg	360	370	U	ug/kg	370	350	U	ug/kg	350
Nitrobenzene	370	U	ug/kg	370	360	U	ug/kg	360	370	U	ug/kg	370	350	U	ug/kg	350
Isophorone	370	U	ug/kg	370	360	U	ug/kg	360	370	U	ug/kg	370	350	U	ug/kg	350
2-Nitrophenol	370	U	ug/kg	370	360	U	ug/kg	360	370	U	ug/kg	370	350	U	ug/kg	350
2,4-Dimethylphenol	370	U	ug/kg	370	360	U	ug/kg	360	370	U	ug/kg	370	350	U	ug/kg	350
Benzoic acid	1800	UJ	ug/kg	1800	1700	U	ug/kg	1700	1800	U	ug/kg	1800	1700	UJ	ug/kg	1700
bis(2-Chloroethoxy) methane	370	U	ug/kg	370	360	U	ug/kg	360	370	U	ug/kg	370	350	U	ug/kg	350
2,4-Dichlorophenol	370	U	ug/kg	370	360	U	ug/kg	360	370	U	ug/kg	370	350	U	ug/kg	350
1,2,4-Trichlorobenzene	370	U	ug/kg	370	360	U	ug/kg	360	370	U	ug/kg	370	350	U	ug/kg	350
Naphthalene	370	U	ug/kg	370	360	U	ug/kg	360	370	U	ug/kg	370	350	U	ug/kg	350
4-Chloroaniline	370	U	ug/kg	370	360	U	ug/kg	360	370	U	ug/kg	370	350	U	ug/kg	350
Hexachlorobutadiene	370	U	ug/kg	370	360	U	ug/kg	360	370	U	ug/kg	370	350	U	ug/kg	350
4-Chloro-3-methylphenol	370	U	ug/kg	370	360	U	ug/kg	360	370	U	ug/kg	370	350	U	ug/kg	350
2-Methylnaphthalene	370	U	ug/kg	370	360	U	ug/kg	360	370	U	ug/kg	370	350	U	ug/kg	350
Hexachlorocyclopentadiene	370	U	ug/kg	370	360	U	ug/kg	360	370	U	ug/kg	370	350	U	ug/kg	350
2,4,6-Trichlorophenol	370	U	ug/kg	370	360	U	ug/kg	360	370	U	ug/kg	370	350	U	ug/kg	350
2,4,5-Trichlorophenol	1800	U	ug/kg	1800	1700	U	ug/kg	1700	1800	U	ug/kg	1800	1700	U	ug/kg	1700
2-Chloronaphthalene	370	U	ug/kg	370	360	U	ug/kg	360	370	U	ug/kg	370	350	U	ug/kg	350
2-Nitroaniline	1800	U	ug/kg	1800	1700	U	ug/kg	1700	1800	U	ug/kg	1800	1700	U	ug/kg	1700
Dimethylphthalate	370	U	ug/kg	370	360	U	ug/kg	360	370	U	ug/kg	370	350	U	ug/kg	350
Acenaphthylene	370	U	ug/kg	370	360	U	ug/kg	360	370	U	ug/kg	370	350	U	ug/kg	350
2,6-Dinitrotoluene	370	U	ug/kg	370	360	U	ug/kg	360	370	U	ug/kg	370	350	U	ug/kg	350
3-Nitroaniline	1800	U	ug/kg	1800	1700	U	ug/kg	1700	1800	U	ug/kg	1800	1700	U	ug/kg	1700
Acenaphthene	370	U	ug/kg	370	360	U	ug/kg	360	370	U	ug/kg	370	350	U	ug/kg	350
2,4-Dinitrophenol	1800	U	ug/kg	1800	1700	U	ug/kg	1700	1800	U	ug/kg	1800	1700	U	ug/kg	1700
4-Nitrophenol	1800	U	ug/kg	1800	1700	U	ug/kg	1700	1800	U	ug/kg	1800	1700	U	ug/kg	1700
Dibenzofuran	370	U	ug/kg	370	360	U	ug/kg	360	370	U	ug/kg	370	350	U	ug/kg	350
2,4-Dinitrotoluene	370	U	ug/kg	370	360	U	ug/kg	360	370	U	ug/kg	370	350	U	ug/kg	350
Diethylphthalate	370	U	ug/kg	370	360	U	ug/kg	360	370	U	ug/kg	370	350	U	ug/kg	350
4-Chlorophenyl-phenylether	370	U	ug/kg	370	360	U	ug/kg	360	370	U	ug/kg	370	350	U	ug/kg	350
Fluorene	370	U	ug/kg	370	360	U	ug/kg	360	370	U	ug/kg	370	350	U	ug/kg	350
4-Nitroaniline	1800	U	ug/kg	1800	1700	U	ug/kg	1700	1800	U	ug/kg	1800	1700	U	ug/kg	1700
4,6-Dinitro-2-methylphenol	1800	U	ug/kg	1800	1700	U	ug/kg	1700	1800	U	ug/kg	1800	1700	U	ug/kg	1700
N-Nitrosodiphenylamine (1)	370	U	ug/kg	370	360	U	ug/kg	360	370	U	ug/kg	370	350	U	ug/kg	350
4-Bromophenyl-phenylether	370	U	ug/kg	370	360	U	ug/kg	360	370	U	ug/kg	370	350	U	ug/kg	350
Hexachlorobenzene	370	U	ug/kg	370	360	U	ug/kg	360	370	U	ug/kg	370	350	U	ug/kg	350
Pentachlorophenol	1800	U	ug/kg	1800	1700	U	ug/kg	1700	1800	U	ug/kg	1800	1700	U	ug/kg	1700
Phenanthrene	370	U	ug/kg	370	360	U	ug/kg	360	370	U	ug/kg	370	350	U	ug/kg	350
Anthracene	370	U	ug/kg	370	360	U	ug/kg	360	370	U	ug/kg	370	350	U	ug/kg	350
Di-n-butylphthalate	370	UJ	ug/kg	370	360	UJ	ug/kg	360	370	UJ	ug/kg	370	350	UJ	ug/kg	350
Fluoranthene	370	U	ug/kg	370	360	U	ug/kg	360	370	U	ug/kg	370	350	U	ug/kg	350

WHITING FIELD ANAL..CAL RESULT REPORT
SEMIVOLATILE COMPOUNDS ---- SITE 18 ---- VALIDATD DATA

Lab Sample Number:	22506009				22506010				22506011				22507002			
Site	WHITING				WHITING				WHITING				WHITING			
Locator	18-SL-38				18-SL-39				18-SL-40				18-SL-41			
Collect Date:	14-AUG-92				14-AUG-92				14-AUG-92				14-AUG-92			
	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL
Pyrene	370	U	ug/kg	370	360	U	ug/kg	360	370	U	ug/kg	370	350	U	ug/kg	350
Butylbenzylphthalate	370	U	ug/kg	370	360	U	ug/kg	360	370	U	ug/kg	370	350	U	ug/kg	350
3,3-Dichlorobenzidine	730	U	ug/kg	730	720	U	ug/kg	720	750	U	ug/kg	750	690	UJ	ug/kg	690
Benzo (a) anthracene	370	U	ug/kg	370	360	U	ug/kg	360	370	U	ug/kg	370	350	U	ug/kg	350
Chrysene	370	U	ug/kg	370	360	U	ug/kg	360	370	U	ug/kg	370	350	U	ug/kg	350
bis(2-Ethylhexyl) phthalate	220	J	ug/kg	370	360	U	ug/kg	360	370	U	ug/kg	370	350	U	ug/kg	350
Di-n-octylphthalate	370	U	ug/kg	370	360	U	ug/kg	360	370	U	ug/kg	370	350	U	ug/kg	350
Benzo (b) fluoranthene	370	U	ug/kg	370	360	U	ug/kg	360	370	U	ug/kg	370	350	U	ug/kg	350
Benzo (k) fluoranthene	370	U	ug/kg	370	360	U	ug/kg	360	370	U	ug/kg	370	350	U	ug/kg	350
Benzo (a) pyrene	370	U	ug/kg	370	360	U	ug/kg	360	370	U	ug/kg	370	350	U	ug/kg	350
Indeno (1,2,3-cd) pyrene	370	U	ug/kg	370	360	U	ug/kg	360	370	U	ug/kg	370	350	U	ug/kg	350
Dibenz (a,h) anthracene	370	U	ug/kg	370	360	U	ug/kg	360	370	U	ug/kg	370	350	U	ug/kg	350
Benzo (g,h,i) perylene	370	U	ug/kg	370	360	U	ug/kg	360	370	U	ug/kg	370	350	U	ug/kg	350

U = NOT DETECTED J = ESTIMATED VALUE
UJ = REPORTED QUANTITATION LIMIT IS QUALIFIED AS ESTIMATED
R = RESULT IS REJECTED AND UNUSABLE

WHITING FIELD ANAL...CAL RESULT REPORT
SEMIVOLATILE COMPOUNDS ---- SITE 18 ---- VALIDATD DATA

Lab Sample Number:	22507007				22507008				22507009				22507010			
Site	WHITING				WHITING				WHITING				WHITING			
Locator	18-SL-42				18-SL-43				18-SL-44				18-SL-45			
Collect Date:	14-AUG-92				14-AUG-92				14-AUG-92				14-AUG-92			
	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL
CLP SEMIVOLATILES 87-SOW																
Phenol	350	U	ug/kg	350	350	U	ug/kg	350	350	U	ug/kg	350	370	U	ug/kg	370
bis(2-Chloroethyl) ether	350	U	ug/kg	350	350	U	ug/kg	350	350	U	ug/kg	350	370	U	ug/kg	370
2-Chlorophenol	350	U	ug/kg	350	350	U	ug/kg	350	350	U	ug/kg	350	370	U	ug/kg	370
1,3-Dichlorobenzene	350	U	ug/kg	350	350	U	ug/kg	350	350	U	ug/kg	350	370	U	ug/kg	370
1,4-Dichlorobenzene	350	U	ug/kg	350	350	U	ug/kg	350	350	U	ug/kg	350	370	U	ug/kg	370
Benzyl alcohol	350	U	ug/kg	350	350	U	ug/kg	350	350	U	ug/kg	350	370	U	ug/kg	370
1,2-Dichlorobenzene	350	U	ug/kg	350	350	U	ug/kg	350	350	U	ug/kg	350	370	U	ug/kg	370
2-Methylphenol	350	U	ug/kg	350	350	U	ug/kg	350	350	U	ug/kg	350	370	U	ug/kg	370
Bis(2-Chloroisopropyl) ether	350	U	ug/kg	350	350	U	ug/kg	350	350	U	ug/kg	350	370	U	ug/kg	370
4-Methylphenol	350	U	ug/kg	350	350	U	ug/kg	350	350	U	ug/kg	350	370	U	ug/kg	370
N-Nitroso-di-n-propylamine	350	U	ug/kg	350	350	U	ug/kg	350	350	U	ug/kg	350	370	U	ug/kg	370
Hexachloroethane	350	U	ug/kg	350	350	U	ug/kg	350	350	U	ug/kg	350	370	U	ug/kg	370
Nitrobenzene	350	U	ug/kg	350	350	U	ug/kg	350	350	U	ug/kg	350	370	U	ug/kg	370
Isophorone	350	U	ug/kg	350	350	U	ug/kg	350	350	U	ug/kg	350	370	U	ug/kg	370
2-Nitrophenol	350	U	ug/kg	350	350	U	ug/kg	350	350	U	ug/kg	350	370	U	ug/kg	370
2,4-Dimethylphenol	350	U	ug/kg	350	350	U	ug/kg	350	350	U	ug/kg	350	370	U	ug/kg	370
Benzoic acid	1700	UJ	ug/kg	1700	1700	UJ	ug/kg	1700	1700	UJ	ug/kg	1700	1800	UJ	ug/kg	1800
bis(2-Chloroethoxy) methane	350	U	ug/kg	350	350	U	ug/kg	350	350	U	ug/kg	350	370	U	ug/kg	370
2,4-Dichlorophenol	350	U	ug/kg	350	350	U	ug/kg	350	350	U	ug/kg	350	370	U	ug/kg	370
1,2,4-Trichlorobenzene	350	U	ug/kg	350	350	U	ug/kg	350	350	U	ug/kg	350	370	U	ug/kg	370
Naphthalene	350	U	ug/kg	350	350	U	ug/kg	350	350	U	ug/kg	350	370	U	ug/kg	370
4-Chloroaniline	350	U	ug/kg	350	350	U	ug/kg	350	350	U	ug/kg	350	370	U	ug/kg	370
Hexachlorobutadiene	350	U	ug/kg	350	350	U	ug/kg	350	350	U	ug/kg	350	370	U	ug/kg	370
4-Chloro-3-methylphenol	350	U	ug/kg	350	350	U	ug/kg	350	350	U	ug/kg	350	370	U	ug/kg	370
2-Methylnaphthalene	350	U	ug/kg	350	350	U	ug/kg	350	350	U	ug/kg	350	370	U	ug/kg	370
Hexachlorocyclopentadiene	350	U	ug/kg	350	350	U	ug/kg	350	350	U	ug/kg	350	370	U	ug/kg	370
2,4,6-Trichlorophenol	350	U	ug/kg	350	350	U	ug/kg	350	350	U	ug/kg	350	370	U	ug/kg	370
2,4,5-Trichlorophenol	1700	U	ug/kg	1700	1700	U	ug/kg	1700	1700	U	ug/kg	1700	1800	U	ug/kg	1800
2-Chloronaphthalene	350	U	ug/kg	350	350	U	ug/kg	350	350	U	ug/kg	350	370	U	ug/kg	370
2-Nitroaniline	1700	U	ug/kg	1700	1700	U	ug/kg	1700	1700	U	ug/kg	1700	1800	U	ug/kg	1800
Dimethylphthalate	350	U	ug/kg	350	350	U	ug/kg	350	350	U	ug/kg	350	370	U	ug/kg	370
Acenaphthylene	350	U	ug/kg	350	350	U	ug/kg	350	350	U	ug/kg	350	370	U	ug/kg	370
2,6-Dinitrotoluene	350	U	ug/kg	350	350	U	ug/kg	350	350	U	ug/kg	350	370	U	ug/kg	370
3-Nitroaniline	1700	U	ug/kg	1700	1700	U	ug/kg	1700	1700	U	ug/kg	1700	1800	U	ug/kg	1800
Acenaphthene	350	U	ug/kg	350	350	U	ug/kg	350	350	U	ug/kg	350	370	U	ug/kg	370
2,4-Dinitrophenol	1700	U	ug/kg	1700	1700	U	ug/kg	1700	1700	U	ug/kg	1700	1800	U	ug/kg	1800
4-Nitrophenol	1700	U	ug/kg	1700	1700	U	ug/kg	1700	1700	U	ug/kg	1700	1800	U	ug/kg	1800
Dibenzofuran	350	U	ug/kg	350	350	U	ug/kg	350	350	U	ug/kg	350	370	U	ug/kg	370
2,4-Dinitrotoluene	350	U	ug/kg	350	350	U	ug/kg	350	350	U	ug/kg	350	370	U	ug/kg	370
Diethylphthalate	350	U	ug/kg	350	350	U	ug/kg	350	350	U	ug/kg	350	370	U	ug/kg	370
4-Chlorophenyl-phenylether	350	U	ug/kg	350	350	U	ug/kg	350	350	U	ug/kg	350	370	U	ug/kg	370
Fluorene	350	U	ug/kg	350	350	U	ug/kg	350	350	U	ug/kg	350	370	U	ug/kg	370
4-Nitroaniline	1700	U	ug/kg	1700	1700	U	ug/kg	1700	1700	U	ug/kg	1700	1800	U	ug/kg	1800
4,6-Dinitro-2-methylphenol	1700	U	ug/kg	1700	1700	U	ug/kg	1700	1700	U	ug/kg	1700	1800	U	ug/kg	1800
N-Nitrosodiphenylamine (1)	350	U	ug/kg	350	350	U	ug/kg	350	350	U	ug/kg	350	370	U	ug/kg	370
4-Bromophenyl-phenylether	350	U	ug/kg	350	350	U	ug/kg	350	350	U	ug/kg	350	370	U	ug/kg	370
Hexachlorobenzene	350	U	ug/kg	350	350	U	ug/kg	350	350	U	ug/kg	350	370	U	ug/kg	370
Pentachlorophenol	1700	U	ug/kg	1700	1700	U	ug/kg	1700	1700	U	ug/kg	1700	1800	U	ug/kg	1800
Phenanthrene	350	U	ug/kg	350	350	U	ug/kg	350	350	U	ug/kg	350	370	U	ug/kg	370
Anthracene	350	U	ug/kg	350	350	U	ug/kg	350	350	U	ug/kg	350	370	U	ug/kg	370
Di-n-butylphthalate	350	UJ	ug/kg	350	350	UJ	ug/kg	350	350	UJ	ug/kg	350	370	UJ	ug/kg	370
Fluoranthene	350	U	ug/kg	350	350	U	ug/kg	350	350	U	ug/kg	350	370	U	ug/kg	370

WHITING FIELD ANAL...CAL RESULT REPORT
SEMIVOLATILE COMPOUNDS ---- SITE 18 ---- VALIDATD DATA

Lab Sample Number:	22507007				22507008				22507009				22507010			
Site	WHITING				WHITING				WHITING				WHITING			
Locator	18-SL-42				18-SL-43				18-SL-44				18-SL-45			
Collect Date:	14-AUG-92				14-AUG-92				14-AUG-92				14-AUG-92			
	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL
Pyrene	350	U	ug/kg	350	350	U	ug/kg	350	350	U	ug/kg	350	370	U	ug/kg	370
Butylbenzylphthalate	350	U	ug/kg	350	350	U	ug/kg	350	350	U	ug/kg	350	370	U	ug/kg	370
3,3-Dichlorobenzidine	700	UJ	ug/kg	700	710	UJ	ug/kg	710	710	UJ	ug/kg	710	730	UJ	ug/kg	730
Benzo (a) anthracene	350	U	ug/kg	350	350	U	ug/kg	350	350	U	ug/kg	350	370	U	ug/kg	370
Chrysene	350	U	ug/kg	350	350	U	ug/kg	350	350	U	ug/kg	350	370	U	ug/kg	370
bis(2-Ethylhexyl) phthalate	350	U	ug/kg	350	350	U	ug/kg	350	75	J	ug/kg	350	370	U	ug/kg	370
Di-n-octylphthalate	350	U	ug/kg	350	350	U	ug/kg	350	350	U	ug/kg	350	370	U	ug/kg	370
Benzo (b) fluoranthene	350	U	ug/kg	350	350	U	ug/kg	350	350	U	ug/kg	350	370	U	ug/kg	370
Benzo (k) fluoranthene	350	U	ug/kg	350	350	U	ug/kg	350	350	U	ug/kg	350	370	U	ug/kg	370
Benzo (a) pyrene	350	U	ug/kg	350	350	U	ug/kg	350	350	U	ug/kg	350	370	U	ug/kg	370
Indeno (1,2,3-cd) pyrene	350	U	ug/kg	350	350	U	ug/kg	350	350	U	ug/kg	350	370	U	ug/kg	370
Dibenz (a,h) anthracene	350	U	ug/kg	350	350	U	ug/kg	350	350	U	ug/kg	350	370	U	ug/kg	370
Benzo (g,h,i) perylene	350	U	ug/kg	350	350	U	ug/kg	350	350	U	ug/kg	350	370	U	ug/kg	370

U = NOT DETECTED J = ESTIMATED VALUE
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R = ...ULT IS REJECTED AND UNUSABLE

WHITING FIELD ANAL..ICAL RESULT REPORT
SEMIVOLATILE COMPOUNDS ---- SITE 18 ---- VALIDATD DATA

Lab Sample Number:	22507011				22507012			
Site	WHITING				WHITING			
Locator	18-SL-46				18-SL-47			
Collect Date:	14-AUG-92				14-AUG-92			
	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL
CLP SEMIVOLATILES 87-SOW								
Phenol	380	U	ug/kg	380	350	U	ug/kg	350
bis(2-Chloroethyl) ether	380	U	ug/kg	380	350	U	ug/kg	350
2-Chlorophenol	380	U	ug/kg	380	350	U	ug/kg	350
1,3-Dichlorobenzene	380	U	ug/kg	380	350	U	ug/kg	350
1,4-Dichlorobenzene	380	U	ug/kg	380	350	U	ug/kg	350
Benzyl alcohol	380	U	ug/kg	380	350	U	ug/kg	350
1,2-Dichlorobenzene	380	U	ug/kg	380	350	U	ug/kg	350
2-Methylphenol	380	U	ug/kg	380	350	U	ug/kg	350
Bis(2-Chloroisopropyl) ether	380	U	ug/kg	380	350	U	ug/kg	350
4-Methylphenol	380	U	ug/kg	380	350	U	ug/kg	350
N-Nitroso-di-n-propylamine	380	U	ug/kg	380	350	U	ug/kg	350
Hexachloroethane	380	U	ug/kg	380	350	U	ug/kg	350
Nitrobenzene	380	U	ug/kg	380	350	U	ug/kg	350
Isophorone	380	U	ug/kg	380	350	U	ug/kg	350
2-Nitrophenol	380	U	ug/kg	380	350	U	ug/kg	350
2,4-Dimethylphenol	380	U	ug/kg	380	350	U	ug/kg	350
Benzoic acid	1900	UJ	ug/kg	1900	1700	UJ	ug/kg	1700
bis(2-Chloroethoxy) methane	380	U	ug/kg	380	350	U	ug/kg	350
2,4-Dichlorophenol	380	U	ug/kg	380	350	U	ug/kg	350
1,2,4-Trichlorobenzene	380	U	ug/kg	380	350	U	ug/kg	350
Naphthalene	380	U	ug/kg	380	350	U	ug/kg	350
4-Chloroaniline	380	U	ug/kg	380	350	U	ug/kg	350
Hexachlorobutadiene	380	U	ug/kg	380	350	U	ug/kg	350
4-Chloro-3-methylphenol	380	U	ug/kg	380	350	U	ug/kg	350
2-Methylnaphthalene	380	U	ug/kg	380	350	U	ug/kg	350
Hexachlorocyclopentadiene	380	U	ug/kg	380	350	U	ug/kg	350
2,4,6-Trichlorophenol	380	U	ug/kg	380	350	U	ug/kg	350
2,4,5-Trichlorophenol	1900	U	ug/kg	1900	1700	U	ug/kg	1700
2-Chloronaphthalene	380	U	ug/kg	380	350	U	ug/kg	350
2-Nitroaniline	1900	U	ug/kg	1900	1700	U	ug/kg	1700
Dimethylphthalate	380	U	ug/kg	380	350	U	ug/kg	350
Acenaphthylene	380	U	ug/kg	380	350	U	ug/kg	350
2,6-Dinitrotoluene	380	U	ug/kg	380	350	U	ug/kg	350
3-Nitroaniline	1900	U	ug/kg	1900	1700	U	ug/kg	1700
Acenaphthene	380	U	ug/kg	380	350	U	ug/kg	350
2,4-Dinitrophenol	1900	UJ	ug/kg	1900	1700	UJ	ug/kg	1700
4-Nitrophenol	1900	U	ug/kg	1900	1700	U	ug/kg	1700
Dibenzofuran	380	U	ug/kg	380	350	U	ug/kg	350
2,4-Dinitrotoluene	380	U	ug/kg	380	350	U	ug/kg	350
Diethylphthalate	380	U	ug/kg	380	350	U	ug/kg	350
4-Chlorophenyl-phenylether	380	U	ug/kg	380	350	U	ug/kg	350
Fluorene	380	U	ug/kg	380	350	U	ug/kg	350
4-Nitroaniline	1900	U	ug/kg	1900	1700	U	ug/kg	1700
4,6-Dinitro-2-methylphenol	1900	U	ug/kg	1900	1700	U	ug/kg	1700
N-Nitrosodiphenylamine (1)	380	U	ug/kg	380	350	U	ug/kg	350
4-Bromophenyl-phenylether	380	U	ug/kg	380	350	U	ug/kg	350
Hexachlorobenzene	380	U	ug/kg	380	350	U	ug/kg	350
Pentachlorophenol	1900	U	ug/kg	1900	1700	U	ug/kg	1700
Phenanthrene	380	U	ug/kg	380	350	U	ug/kg	350
Anthracene	380	U	ug/kg	380	350	U	ug/kg	350
Di-n-butylphthalate	380	UJ	ug/kg	380	350	UJ	ug/kg	350
Fluoranthene	380	U	ug/kg	380	350	U	ug/kg	350

WHITING FIELD ANAL..CAL RESULT REPORT
SEMIVOLATILE COMPOUNDS ---- SITE 18 ---- VALIDATD DATA

Lab Sample Number:	22507011				22507012			
Site	WHITING				WHITING			
Locator	18-SL-46				18-SL-47			
Collect Date:	14-AUG-92				14-AUG-92			
	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL
Pyrene	380	U	ug/kg	380	350	U	ug/kg	350
Butylbenzylphthalate	380	U	ug/kg	380	350	U	ug/kg	350
3,3-Dichlorobenzidine	770	U	ug/kg	770	710	U	ug/kg	710
Benzo (a) anthracene	380	U	ug/kg	380	350	U	ug/kg	350
Chrysene	380	U	ug/kg	380	350	U	ug/kg	350
bis(2-Ethylhexyl) phthalate	380	U	ug/kg	380	350	U	ug/kg	350
Di-n-octylphthalate	380	U	ug/kg	380	350	U	ug/kg	350
Benzo (b) fluoranthene	380	U	ug/kg	380	350	U	ug/kg	350
Benzo (k) fluoranthene	380	U	ug/kg	380	350	U	ug/kg	350
Benzo (a) pyrene	380	U	ug/kg	380	350	U	ug/kg	350
Indeno (1,2,3-cd) pyrene	380	U	ug/kg	380	350	U	ug/kg	350
Dibenz (a,h) anthracene	380	U	ug/kg	380	350	U	ug/kg	350
Benzo (g,h,i) perylene	380	U	ug/kg	380	350	U	ug/kg	350

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R - ULT IS REJECTED AND UNUSABLE

WHITING FIELD ANAL...ICAL RESULT REPORT
PESTICIDES AND PCBS ---- SITE 18 ---- VALIDATD DATA

Lab Sample Number:	22481001				22481002				22481M01				22481D01			
Site	WHITING				WHITING				WHITING				WHITING			
Locator	18-SL-01				18-SL-01A				18-SL-01MS				18-SL-01MSD			
Collect Date:	12-AUG-92				12-AUG-92				12-AUG-92				12-AUG-92			
	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL
CLP PESTICIDES/PCBS 87-SOW																
alpha-BHC	45	U	ug/kg	45	47	U	ug/kg	47	45	U	ug/kg	45	45	U	ug/kg	45
beta-BHC	45	U	ug/kg	45	47	U	ug/kg	47	45	U	ug/kg	45	45	U	ug/kg	45
delta-BHC	45	U	ug/kg	45	47	U	ug/kg	47	45	U	ug/kg	45	45	U	ug/kg	45
gamma-BHC (Lindane)	45	U	ug/kg	45	47	U	ug/kg	47	45	U	ug/kg	45	45	U	ug/kg	45
Heptachlor	45	U	ug/kg	45	47	U	ug/kg	47	45	U	ug/kg	45	45	U	ug/kg	45
Aldrin	45	U	ug/kg	45	47	U	ug/kg	47	45	U	ug/kg	45	45	U	ug/kg	45
Heptachlor epoxide	45	U	ug/kg	45	47	U	ug/kg	47	45	U	ug/kg	45	45	U	ug/kg	45
Endosulfan I	45	U	ug/kg	45	47	U	ug/kg	47	45	U	ug/kg	45	45	U	ug/kg	45
Dieldrin	91	U	ug/kg	91	94	U	ug/kg	94	91	U	ug/kg	91	91	U	ug/kg	91
4,4-DDE	91	U	ug/kg	91	94	U	ug/kg	94	91	U	ug/kg	91	91	U	ug/kg	91
Endrin	91	U	ug/kg	91	94	U	ug/kg	94	91	U	ug/kg	91	91	U	ug/kg	91
Endosulfan II	91	U	ug/kg	91	94	U	ug/kg	94	91	U	ug/kg	91	91	U	ug/kg	91
4,4-DDD	91	U	ug/kg	91	94	U	ug/kg	94	91	U	ug/kg	91	91	U	ug/kg	91
Endosulfan sulfate	91	U	ug/kg	91	94	U	ug/kg	94	91	U	ug/kg	91	91	U	ug/kg	91
4,4-DDT	91	U	ug/kg	91	94	U	ug/kg	94	91	U	ug/kg	91	91	U	ug/kg	91
Methoxychlor	450	U	ug/kg	450	470	U	ug/kg	470	450	U	ug/kg	450	450	U	ug/kg	450
Endrin ketone	91	U	ug/kg	91	94	U	ug/kg	94	91	U	ug/kg	91	91	U	ug/kg	91
alpha-Chlordane	450	U	ug/kg	450	470	U	ug/kg	470	450	U	ug/kg	450	450	U	ug/kg	450
gamma-Chlordane	450	U	ug/kg	450	470	U	ug/kg	470	450	U	ug/kg	450	450	U	ug/kg	450
Toxaphene	910	U	ug/kg	910	940	U	ug/kg	940	910	U	ug/kg	910	910	U	ug/kg	910
Aroclor-1016	450	U	ug/kg	450	470	U	ug/kg	470	450	U	ug/kg	450	450	U	ug/kg	450
Aroclor-1221	450	U	ug/kg	450	470	U	ug/kg	470	450	U	ug/kg	450	450	U	ug/kg	450
Aroclor-1232	450	U	ug/kg	450	470	U	ug/kg	470	450	U	ug/kg	450	450	U	ug/kg	450
Aroclor-1242	450	U	ug/kg	450	470	U	ug/kg	470	450	U	ug/kg	450	450	U	ug/kg	450
Aroclor-1248	450	U	ug/kg	450	470	U	ug/kg	470	450	U	ug/kg	450	450	U	ug/kg	450
Aroclor-1254	910	U	ug/kg	910	940	U	ug/kg	940	910	U	ug/kg	910	910	U	ug/kg	910
Aroclor-1260	910	U	ug/kg	910	940	U	ug/kg	940	910	U	ug/kg	910	910	U	ug/kg	910

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WHITING FIELD ANAL..CAL RESULT REPORT
PESTICIDES AND PCBS ---- SITE 18 ---- VALIDATD DATA

Lab Sample Number:	22488001				22488002				22488003				22489001			
Site	WHITING				WHITING				WHITING				WHITING			
Locator	18-SL-07				18-SL-08				18-SL-09				18-SL-10			
Collect Date:	13-AUG-92				13-AUG-92				13-AUG-92				13-AUG-92			
	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL
CLP PESTICIDES/PCBS 87-SOW																
alpha-BHC	9.2	U	ug/kg	9.2	8.8	U	ug/kg	8.8	9.3	U	ug/kg	9.3	45	U	ug/kg	45
beta-BHC	9.2	U	ug/kg	9.2	8.8	U	ug/kg	8.8	9.3	U	ug/kg	9.3	45	U	ug/kg	45
delta-BHC	9.2	U	ug/kg	9.2	8.8	U	ug/kg	8.8	9.3	U	ug/kg	9.3	45	U	ug/kg	45
gamma-BHC (Lindane)	9.2	U	ug/kg	9.2	8.8	U	ug/kg	8.8	9.3	U	ug/kg	9.3	45	U	ug/kg	45
Heptachlor	9.2	U	ug/kg	9.2	8.8	U	ug/kg	8.8	9.3	U	ug/kg	9.3	45	U	ug/kg	45
Aldrin	9.2	U	ug/kg	9.2	8.8	U	ug/kg	8.8	9.3	U	ug/kg	9.3	45	U	ug/kg	45
Heptachlor epoxide	9.2	U	ug/kg	9.2	8.8	U	ug/kg	8.8	9.3	U	ug/kg	9.3	45	U	ug/kg	45
Endosulfan I	9.2	U	ug/kg	9.2	8.8	U	ug/kg	8.8	9.3	U	ug/kg	9.3	45	U	ug/kg	45
Dieldrin	18	U	ug/kg	18	18	U	ug/kg	18	19	U	ug/kg	19	91	U	ug/kg	91
4,4-DDE	18	U	ug/kg	18	18	U	ug/kg	18	19	U	ug/kg	19	91	U	ug/kg	91
Endrin	18	U	ug/kg	18	18	U	ug/kg	18	19	U	ug/kg	19	91	U	ug/kg	91
Endosulfan II	18	U	ug/kg	18	18	U	ug/kg	18	19	U	ug/kg	19	91	U	ug/kg	91
4,4-DDD	18	U	ug/kg	18	18	U	ug/kg	18	19	U	ug/kg	19	91	U	ug/kg	91
Endosulfan sulfate	18	U	ug/kg	18	18	U	ug/kg	18	19	U	ug/kg	19	91	U	ug/kg	91
4,4-DDT	18	U	ug/kg	18	18	U	ug/kg	18	19	U	ug/kg	19	91	U	ug/kg	91
Methoxychlor	92	U	ug/kg	92	88	U	ug/kg	88	93	U	ug/kg	93	450	U	ug/kg	450
Endrin ketone	18	U	ug/kg	18	18	U	ug/kg	18	19	U	ug/kg	19	91	U	ug/kg	91
alpha-Chlordane	92	U	ug/kg	92	88	U	ug/kg	88	93	U	ug/kg	93	450	U	ug/kg	450
gamma-Chlordane	92	U	ug/kg	92	88	U	ug/kg	88	93	U	ug/kg	93	450	U	ug/kg	450
Toxaphene	180	U	ug/kg	180	180	U	ug/kg	180	190	U	ug/kg	190	910	U	ug/kg	910
Aroclor-1016	92	U	ug/kg	92	88	U	ug/kg	88	93	U	ug/kg	93	450	U	ug/kg	450
Aroclor-1221	92	U	ug/kg	92	88	U	ug/kg	88	93	U	ug/kg	93	450	U	ug/kg	450
Aroclor-1232	92	U	ug/kg	92	88	U	ug/kg	88	93	U	ug/kg	93	450	U	ug/kg	450
Aroclor-1242	92	U	ug/kg	92	88	U	ug/kg	88	93	U	ug/kg	93	450	U	ug/kg	450
Aroclor-1248	92	U	ug/kg	92	88	U	ug/kg	88	93	U	ug/kg	93	450	U	ug/kg	450
Aroclor-1254	180	U	ug/kg	180	180	U	ug/kg	180	190	U	ug/kg	190	910	U	ug/kg	910
Aroclor-1260	180	U	ug/kg	180	180	U	ug/kg	180	190	U	ug/kg	190	910	U	ug/kg	910

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WHITING FIELD ANAL..CAL RESULT REPORT
PESTICIDES AND PCBS ---- SITE 18 ---- VALIDATD DATA

Lab Sample Number:	22489002				22489M01				22489D01				22489003			
Site	WHITING				WHITING				WHITING				WHITING			
Locator	18-SL-10A				18-SL-10MS				18-SL-10MSD				18-SL-23			
Collect Date:	13-AUG-92				13-AUG-92				13-AUG-92				13-AUG-92			
	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL
CLP PESTICIDES/PCBS 87-SOW																
alpha-BHC	45	U	ug/kg	45	45	U	ug/kg	45	45	U	ug/kg	45	370	UJ	ug/kg	370
beta-BHC	45	U	ug/kg	45	45	U	ug/kg	45	45	U	ug/kg	45	370	UJ	ug/kg	370
delta-BHC	45	U	ug/kg	45	45	U	ug/kg	45	45	U	ug/kg	45	370	UJ	ug/kg	370
gamma-BHC (Lindane)	45	U	ug/kg	45	45	U	ug/kg	45	45	U	ug/kg	45	370	UJ	ug/kg	370
Heptachlor	45	U	ug/kg	45	45	U	ug/kg	45	45	U	ug/kg	45	370	UJ	ug/kg	370
Aldrin	45	U	ug/kg	45	45	U	ug/kg	45	45	U	ug/kg	45	370	UJ	ug/kg	370
Heptachlor epoxide	45	U	ug/kg	45	45	U	ug/kg	45	45	U	ug/kg	45	370	UJ	ug/kg	370
Endosulfan I	45	U	ug/kg	45	45	U	ug/kg	45	45	U	ug/kg	45	370	UJ	ug/kg	370
Dieldrin	90	U	ug/kg	90	91	U	ug/kg	91	91	U	ug/kg	91	740	UJ	ug/kg	740
4,4-DDE	90	U	ug/kg	90	91	U	ug/kg	91	91	U	ug/kg	91	740	UJ	ug/kg	740
Endrin	90	U	ug/kg	90	91	U	ug/kg	91	91	U	ug/kg	91	740	UJ	ug/kg	740
Endosulfan II	90	U	ug/kg	90	91	U	ug/kg	91	91	U	ug/kg	91	740	UJ	ug/kg	740
4,4-DDD	90	U	ug/kg	90	91	U	ug/kg	91	91	U	ug/kg	91	740	UJ	ug/kg	740
Endosulfan sulfate	90	U	ug/kg	90	91	U	ug/kg	91	91	U	ug/kg	91	740	UJ	ug/kg	740
4,4-DDT	90	U	ug/kg	90	91	U	ug/kg	91	91	U	ug/kg	91	740	UJ	ug/kg	740
Methoxychlor	450	U	ug/kg	450	450	U	ug/kg	450	450	U	ug/kg	450	3700	UJ	ug/kg	3700
Endrin ketone	90	U	ug/kg	90	91	U	ug/kg	91	91	U	ug/kg	91	740	UJ	ug/kg	740
alpha-Chlordane	450	U	ug/kg	450	450	U	ug/kg	450	450	U	ug/kg	450	3700	UJ	ug/kg	3700
gamma-Chlordane	450	U	ug/kg	450	450	U	ug/kg	450	450	U	ug/kg	450	3700	UJ	ug/kg	3700
Toxaphene	900	U	ug/kg	900	910	U	ug/kg	910	910	U	ug/kg	910	7400	UJ	ug/kg	7400
Aroclor-1016	450	U	ug/kg	450	450	U	ug/kg	450	450	U	ug/kg	450	3700	UJ	ug/kg	3700
Aroclor-1221	450	U	ug/kg	450	450	U	ug/kg	450	450	U	ug/kg	450	3700	UJ	ug/kg	3700
Aroclor-1232	450	U	ug/kg	450	450	U	ug/kg	450	450	U	ug/kg	450	3700	UJ	ug/kg	3700
Aroclor-1242	450	U	ug/kg	450	450	U	ug/kg	450	450	U	ug/kg	450	3700	UJ	ug/kg	3700
Aroclor-1248	450	U	ug/kg	450	450	U	ug/kg	450	450	U	ug/kg	450	3700	UJ	ug/kg	3700
Aroclor-1254	900	U	ug/kg	900	910	U	ug/kg	910	910	U	ug/kg	910	7400	UJ	ug/kg	7400
Aroclor-1260	900	U	ug/kg	900	910	U	ug/kg	910	910	U	ug/kg	910	7400	UJ	ug/kg	7400

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WHITING FIELD ANAL..ICAL RESULT REPORT
PESTICIDES AND PCBS ---- SITE 18 ---- VALIDATD DATA

Lab Sample Number:	22489004				22489D03				22495007				22507006			
Site	WHITING				WHITING				WHITING				WHITING			
Locator	18-SL-23A				18-SL-23MSD				18-SL-25				18-SL-06			
Collect Date:	13-AUG-92				13-AUG-92				13-AUG-92				14-AUG-92			
	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL
CLP PESTICIDES/PCBS 87-SOW																
alpha-BHC	370	UJ	ug/kg	370	370	U	ug/kg	370	35	U	ug/kg	35	18	U	ug/kg	18
beta-BHC	370	UJ	ug/kg	370	370	U	ug/kg	370	35	U	ug/kg	35	18	U	ug/kg	18
delta-BHC	370	UJ	ug/kg	370	370	U	ug/kg	370	35	U	ug/kg	35	18	U	ug/kg	18
gamma-BHC (Lindane)	370	UJ	ug/kg	370	370	U	ug/kg	370	35	U	ug/kg	35	18	U	ug/kg	18
Heptachlor	370	UJ	ug/kg	370	370	U	ug/kg	370	35	U	ug/kg	35	18	U	ug/kg	18
Aldrin	370	UJ	ug/kg	370	370	U	ug/kg	370	35	U	ug/kg	35	18	U	ug/kg	18
Heptachlor epoxide	370	UJ	ug/kg	370	370	U	ug/kg	370	35	U	ug/kg	35	18	U	ug/kg	18
Endosulfan I	370	UJ	ug/kg	370	370	U	ug/kg	370	35	U	ug/kg	35	18	U	ug/kg	18
Dieldrin	740	UJ	ug/kg	740	740	U	ug/kg	740	70	U	ug/kg	70	36	U	ug/kg	36
4,4-DDE	740	UJ	ug/kg	740	740	U	ug/kg	740	70	U	ug/kg	70	36	U	ug/kg	36
Endrin	740	UJ	ug/kg	740	740	U	ug/kg	740	70	U	ug/kg	70	36	U	ug/kg	36
Endosulfan II	740	UJ	ug/kg	740	740	U	ug/kg	740	70	U	ug/kg	70	36	U	ug/kg	36
4,4-DDD	740	UJ	ug/kg	740	740	U	ug/kg	740	70	U	ug/kg	70	36	U	ug/kg	36
Endosulfan sulfate	740	UJ	ug/kg	740	740	U	ug/kg	740	70	U	ug/kg	70	36	U	ug/kg	36
4,4-DDT	740	UJ	ug/kg	740	740	U	ug/kg	740	70	U	ug/kg	70	36	U	ug/kg	36
Methoxychlor	3700	UJ	ug/kg	3700	3700	U	ug/kg	3700	350	U	ug/kg	350	180	U	ug/kg	180
Endrin ketone	740	UJ	ug/kg	740	740	U	ug/kg	740	70	U	ug/kg	70	36	U	ug/kg	36
alpha-Chlordane	3700	UJ	ug/kg	3700	3700	U	ug/kg	3700	350	U	ug/kg	350	180	U	ug/kg	180
gamma-Chlordane	3700	UJ	ug/kg	3700	3700	U	ug/kg	3700	350	U	ug/kg	350	180	U	ug/kg	180
Toxaphene	7400	UJ	ug/kg	7400	7400	U	ug/kg	7400	700	U	ug/kg	700	360	U	ug/kg	360
Aroclor-1016	3700	UJ	ug/kg	3700	3700	U	ug/kg	3700	350	U	ug/kg	350	180	U	ug/kg	180
Aroclor-1221	3700	UJ	ug/kg	3700	3700	U	ug/kg	3700	350	U	ug/kg	350	180	U	ug/kg	180
Aroclor-1232	3700	UJ	ug/kg	3700	3700	U	ug/kg	3700	350	U	ug/kg	350	180	U	ug/kg	180
Aroclor-1242	3700	UJ	ug/kg	3700	3700	U	ug/kg	3700	350	U	ug/kg	350	180	U	ug/kg	180
Aroclor-1248	3700	UJ	ug/kg	3700	3700	U	ug/kg	3700	350	U	ug/kg	350	180	U	ug/kg	180
Aroclor-1254	7400	UJ	ug/kg	7400	7400	U	ug/kg	7400	700	U	ug/kg	700	360	U	ug/kg	360
Aroclor-1260	7400	UJ	ug/kg	7400	7400	U	ug/kg	7400	700	U	ug/kg	700	360	U	ug/kg	360

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WHITING FIELD ANAL. .CAL RESULT REPORT
PESTICIDES AND PCBS ---- SITE 18 ---- VALIDATD DATA

Lab Sample Number:	22506002				22507003				22506008				22507001			
Site	WHITING				WHITING				WHITING				WHITING			
Locator	18-SL-31				18-SL-31A				18-SL-37				18-SL-37A			
Collect Date:	14-AUG-92				14-AUG-92				14-AUG-92				14-AUG-92			
	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL
CLP PESTICIDES/PCBS 87-SOW																
alpha-BHC	46	U	ug/kg	46	37	U	ug/kg	37	43	U	ug/kg	43	18	U	ug/kg	18
beta-BHC	46	U	ug/kg	46	37	U	ug/kg	37	43	U	ug/kg	43	18	U	ug/kg	18
delta-BHC	46	U	ug/kg	46	37	U	ug/kg	37	43	U	ug/kg	43	18	U	ug/kg	18
gamma-BHC (Lindane)	46	U	ug/kg	46	37	U	ug/kg	37	43	U	ug/kg	43	18	U	ug/kg	18
Heptachlor	46	U	ug/kg	46	37	U	ug/kg	37	43	U	ug/kg	43	18	U	ug/kg	18
Aldrin	46	U	ug/kg	46	37	U	ug/kg	37	43	U	ug/kg	43	18	U	ug/kg	18
Heptachlor epoxide	46	U	ug/kg	46	37	U	ug/kg	37	43	U	ug/kg	43	18	U	ug/kg	18
Endosulfan I	46	U	ug/kg	46	37	U	ug/kg	37	43	U	ug/kg	43	18	U	ug/kg	18
Dieldrin	92	U	ug/kg	92	74	U	ug/kg	74	87	U	ug/kg	87	36	U	ug/kg	36
4,4-DDE	92	U	ug/kg	92	74	U	ug/kg	74	87	U	ug/kg	87	36	U	ug/kg	36
Endrin	92	U	ug/kg	92	74	U	ug/kg	74	87	U	ug/kg	87	36	U	ug/kg	36
Endosulfan II	92	U	ug/kg	92	74	U	ug/kg	74	87	U	ug/kg	87	36	U	ug/kg	36
4,4-DDD	92	U	ug/kg	92	74	U	ug/kg	74	87	U	ug/kg	87	36	U	ug/kg	36
Endosulfan sulfate	92	U	ug/kg	92	74	U	ug/kg	74	87	U	ug/kg	87	36	U	ug/kg	36
4,4-DDT	92	U	ug/kg	92	74	U	ug/kg	74	87	U	ug/kg	87	36	U	ug/kg	36
Methoxychlor	460	U	ug/kg	460	370	U	ug/kg	370	430	U	ug/kg	430	180	U	ug/kg	180
Endrin ketone	92	U	ug/kg	92	74	U	ug/kg	74	87	U	ug/kg	87	36	U	ug/kg	36
alpha-Chlordane	460	U	ug/kg	460	370	U	ug/kg	370	430	U	ug/kg	430	180	U	ug/kg	180
gamma-Chlordane	460	U	ug/kg	460	370	U	ug/kg	370	430	U	ug/kg	430	180	U	ug/kg	180
Toxaphene	920	U	ug/kg	920	740	U	ug/kg	740	870	U	ug/kg	870	360	U	ug/kg	360
Aroclor-1016	460	U	ug/kg	460	370	U	ug/kg	370	430	U	ug/kg	430	180	U	ug/kg	180
Aroclor-1221	460	U	ug/kg	460	370	U	ug/kg	370	430	U	ug/kg	430	180	U	ug/kg	180
Aroclor-1232	460	U	ug/kg	460	370	U	ug/kg	370	430	U	ug/kg	430	180	U	ug/kg	180
Aroclor-1242	460	U	ug/kg	460	370	U	ug/kg	370	430	U	ug/kg	430	180	U	ug/kg	180
Aroclor-1248	460	U	ug/kg	460	370	U	ug/kg	370	430	U	ug/kg	430	180	U	ug/kg	180
Aroclor-1254	920	U	ug/kg	920	740	U	ug/kg	740	870	U	ug/kg	870	360	U	ug/kg	360
Aroclor-1260	920	U	ug/kg	920	740	U	ug/kg	740	870	U	ug/kg	870	360	U	ug/kg	360

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WHITING FIELD ANAL. .CAL RESULT REPORT
PESTICIDES AND PCBS ---- SITE 18 ---- VALIDATD DATA

	22506009				22506010				22506011			
Lab Sample Number:												
Site	WHITING				WHITING				WHITING			
Locator	18-SL-38				18-SL-39				18-SL-40			
Collect Date:	14-AUG-92				14-AUG-92				14-AUG-92			
	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL
CLP PESTICIDES/PCBS 87-SOW												
alpha-BHC	8.9	U	ug/kg	8.9	8.7	U	ug/kg	8.7	9.1	U	ug/kg	9.1
beta-BHC	8.9	U	ug/kg	8.9	8.7	U	ug/kg	8.7	9.1	U	ug/kg	9.1
delta-BHC	8.9	U	ug/kg	8.9	8.7	U	ug/kg	8.7	9.1	U	ug/kg	9.1
gamma-BHC (Lindane)	8.9	U	ug/kg	8.9	8.7	U	ug/kg	8.7	9.1	U	ug/kg	9.1
Heptachlor	8.9	U	ug/kg	8.9	8.7	U	ug/kg	8.7	9.1	U	ug/kg	9.1
Aldrin	8.9	U	ug/kg	8.9	8.7	U	ug/kg	8.7	9.1	U	ug/kg	9.1
Heptachlor epoxide	8.9	U	ug/kg	8.9	8.7	U	ug/kg	8.7	9.1	U	ug/kg	9.1
Endosulfan I	8.9	U	ug/kg	8.9	8.7	U	ug/kg	8.7	9.1	U	ug/kg	9.1
Dieldrin	18	U	ug/kg	18	17	U	ug/kg	17	18	U	ug/kg	18
4,4-DDE	18	U	ug/kg	18	17	U	ug/kg	17	18	U	ug/kg	18
Endrin	18	U	ug/kg	18	17	U	ug/kg	17	18	U	ug/kg	18
Endosulfan II	18	U	ug/kg	18	17	U	ug/kg	17	18	U	ug/kg	18
4,4-DDD	18	U	ug/kg	18	17	U	ug/kg	17	18	U	ug/kg	18
Endosulfan sulfate	18	U	ug/kg	18	17	U	ug/kg	17	18	U	ug/kg	18
4,4-DDT	18	U	ug/kg	18	17	U	ug/kg	17	18	U	ug/kg	18
Methoxychlor	89	U	ug/kg	89	87	U	ug/kg	87	91	U	ug/kg	91
Endrin ketone	18	U	ug/kg	18	17	U	ug/kg	17	18	U	ug/kg	18
alpha-Chlordane	89	U	ug/kg	89	87	U	ug/kg	87	91	U	ug/kg	91
gamma-Chlordane	89	U	ug/kg	89	87	U	ug/kg	87	91	U	ug/kg	91
Toxaphene	180	U	ug/kg	180	170	U	ug/kg	170	180	U	ug/kg	180
Aroclor-1016	89	U	ug/kg	89	87	U	ug/kg	87	91	U	ug/kg	91
Aroclor-1221	89	U	ug/kg	89	87	U	ug/kg	87	91	U	ug/kg	91
Aroclor-1232	89	U	ug/kg	89	87	U	ug/kg	87	91	U	ug/kg	91
Aroclor-1242	89	U	ug/kg	89	87	U	ug/kg	87	91	U	ug/kg	91
Aroclor-1248	89	U	ug/kg	89	87	U	ug/kg	87	91	U	ug/kg	91
Aroclor-1254	180	U	ug/kg	180	170	U	ug/kg	170	180	U	ug/kg	180
Aroclor-1260	180	U	ug/kg	180	170	U	ug/kg	170	180	U	ug/kg	180

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WHITING FIELD ANALYTICAL RESULT REPORT
INORGANICS -- METALS AND CYANIDE ---- SITE 18 ---- VALIDATD DATA

Lab Sample Number:	22481001				22481002				22462010				22462011			
Site	WHITING				WHITING				WHITING				WHITING			
Locator	18-SL-01				18-SL-01A				18-SL-02				18-SL-03			
Collect Date:	12-AUG-92				12-AUG-92				12-AUG-92				12-AUG-92			
	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL
CLP METALS AND CYANIDE																
Aluminum	3850		mg/kg	40	4580		mg/kg	40	3140		mg/kg	40	3100		mg/kg	40
Antimony	2.9	UJ	mg/kg	12	5.8	J	mg/kg	12	4.4	U	mg/kg	12	2.6	U	mg/kg	12
Arsenic	.55	UJ	mg/kg	2	1.1	UJ	mg/kg	2	.59	J	mg/kg	2	.77	J	mg/kg	2
Barium	17.2	J	mg/kg	40	45.2	J	mg/kg	40	7.1	J	mg/kg	40	5.5	J	mg/kg	40
Beryllium	.06	U	mg/kg	1	.06	U	mg/kg	1	.09	U	mg/kg	1	.05	U	mg/kg	1
Cadmium	22.6	J	mg/kg	1	33.7	J	mg/kg	1	2.8		mg/kg	1	.58	U	mg/kg	1
Calcium	207	UJ	mg/kg	1000	167	UJ	mg/kg	1000	197	J	mg/kg	1000	151	J	mg/kg	1000
Chromium	16.5	J	mg/kg	2	34.3	J	mg/kg	2	5.4		mg/kg	2	2.9		mg/kg	2
Cobalt	.37	UJ	mg/kg	10	1.3	UJ	mg/kg	10	1.3	J	mg/kg	10	1	J	mg/kg	10
Copper	177		mg/kg	5	864		mg/kg	5	8.4	J	mg/kg	5	1.8	J	mg/kg	5
Iron	1710		mg/kg	20	2580		mg/kg	20	1800		mg/kg	20	1700		mg/kg	20
Lead	62.6		mg/kg	1	96.1	J	mg/kg	1	28.9	J	mg/kg	1	6.7	J	mg/kg	1
Magnesium	94.7	J	mg/kg	1000	103	J	mg/kg	1000	94.9	J	mg/kg	1000	116	J	mg/kg	1000
Manganese	18.3	J	mg/kg	3	22.6	J	mg/kg	3	24.1		mg/kg	3	102		mg/kg	3
Mercury	.08	U	mg/kg	.1	.08	U	mg/kg	.1	.12	U	mg/kg	.1	.07	U	mg/kg	.1
Nickel	2.5	U	mg/kg	8	15.9		mg/kg	8	3.8	U	mg/kg	8	2.6	J	mg/kg	8
Potassium	141	U	mg/kg	1000	216	J	mg/kg	1000	280	J	mg/kg	1000	293	J	mg/kg	1000
Selenium	.44	UJ	mg/kg	1	.43	UJ	mg/kg	1	.66	U	mg/kg	1	.39	U	mg/kg	1
Silver	.35	U	mg/kg	2	.7	UJ	mg/kg	2	.53	U	mg/kg	2	.35	J	mg/kg	2
Sodium	176	UJ	mg/kg	1000	230	UJ	mg/kg	1000	279	J	mg/kg	1000	164	J	mg/kg	1000
Thallium	.48	U	mg/kg	2	.48	U	mg/kg	2	.73	U	mg/kg	2	.43	U	mg/kg	2
Vanadium	3.5	UJ	mg/kg	10	3.6	UJ	mg/kg	10	4.4	J	mg/kg	10	4.5	J	mg/kg	10
Zinc	94.2	J	mg/kg	4	174	J	mg/kg	4	10.5	J	mg/kg	4	4.9	J	mg/kg	4
Cyanide	.26	U	mg/kg	1	.26	U	mg/kg	1	.39	U	mg/kg	1	.23	U	mg/kg	1

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WHITING FIELD ANALYTICAL RESULT REPORT
INORGANICS -- METALS AND CYANIDE ---- SITE 18 ---- VALIDATD DATA

Lab Sample Number:		22462012				22488001				22488002				22488003		
Site		WHITING				WHITING				WHITING				WHITING		
Locator		18-SL-04				18-SL-07				18-SL-08				18-SL-09		
Collect Date:		12-AUG-92				13-AUG-92				13-AUG-92				13-AUG-92		
	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL
CLP METALS AND CYANIDE																
Aluminum	4550		mg/kg	40	6530		mg/kg	40	3380		mg/kg	40	2880		mg/kg	40
Antimony	3.3	U	mg/kg	12	2.8	U	mg/kg	12	2.7	U	mg/kg	12	2.8	U	mg/kg	12
Arsenic	.72	J	mg/kg	2	.64	J	mg/kg	2	.46	J	mg/kg	2	1.1	J	mg/kg	2
Barium	27.2	J	mg/kg	40	38.6	J	mg/kg	40	5.7	J	mg/kg	40	32.4	J	mg/kg	40
Beryllium	.06	U	mg/kg	1	.06	U	mg/kg	1	.06	J	mg/kg	1	.05	U	mg/kg	1
Cadmium	9		mg/kg	1	20.6		mg/kg	1	.88	J	mg/kg	1	.61	U	mg/kg	1
Calcium	296	J	mg/kg	1000	153	J	mg/kg	1000	107	J	mg/kg	1000	115	J	mg/kg	1000
Chromium	8.3		mg/kg	2	39.8		mg/kg	2	3.6		mg/kg	2	3.6		mg/kg	2
Cobalt	.87	J	mg/kg	10	.35	U	mg/kg	10	.34	U	mg/kg	10	.76	J	mg/kg	10
Copper	32.6		mg/kg	5	201		mg/kg	5	8		mg/kg	5	13.9		mg/kg	5
Iron	2180		mg/kg	20	1990		mg/kg	20	1690		mg/kg	20	7050		mg/kg	20
Lead	35.6		mg/kg	1	76.5		mg/kg	1	32.3		mg/kg	1	55.4	J	mg/kg	1
Magnesium	126	J	mg/kg	1000	133	J	mg/kg	1000	81.8	J	mg/kg	1000	116	J	mg/kg	1000
Manganese	27.8		mg/kg	3	38.2		mg/kg	3	27.7		mg/kg	3	52.6		mg/kg	3
Mercury	.09	U	mg/kg	.1	.08	U	mg/kg	.1	.07	U	mg/kg	.1	.08	U	mg/kg	.1
Nickel	2.8	U	mg/kg	8	2.5	J	mg/kg	8	2.3	U	mg/kg	8	3.7	J	mg/kg	8
Potassium	158	U	mg/kg	1000	137	U	mg/kg	1000	132	U	mg/kg	1000	175	J	mg/kg	1000
Selenium	.49	U	mg/kg	1	.47	U	mg/kg	1	.46	U	mg/kg	1	.47	U	mg/kg	1
Silver	.39	U	mg/kg	2	.34	U	mg/kg	2	.33	U	mg/kg	2	.33	U	mg/kg	2
Sodium	220	J	mg/kg	1000	163	J	mg/kg	1000	171	J	mg/kg	1000	196	J	mg/kg	1000
Thallium	.54	U	mg/kg	2	.47	U	mg/kg	2	.45	U	mg/kg	2	.46	U	mg/kg	2
Vanadium	5.4	J	mg/kg	10	3.4	J	mg/kg	10	4.4	J	mg/kg	10	3.3	J	mg/kg	10
Zinc	50.3	J	mg/kg	4	200		mg/kg	4	9.4		mg/kg	4	32.7	J	mg/kg	4
Cyanide	.29	U	mg/kg	1	.25	U	mg/kg	1	.25	U	mg/kg	1	.25	U	mg/kg	1

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WHITING FIELD ANALYTICAL RESULT REPORT
INORGANICS -- METALS AND CYANIDE ---- SITE 18 ---- VALIDATD DATA

	22489001				22489002				22488004				22488005			
Lab Sample Number:																
Site	WHITING				WHITING				WHITING				WHITING			
Locator	18-SL-10				18-SL-10A				18-SL-11				18-SL-12			
Collect Date:	13-AUG-92				13-AUG-92				13-AUG-92				13-AUG-92			
	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL
CLP METALS AND CYANIDE																
Aluminum	3000		mg/kg	40	2520	J	mg/kg	40	3240		mg/kg	40	2480		mg/kg	40
Antimony	2.9		mg/kg	12	2.7	UJ	mg/kg	12	2.8	U	mg/kg	12	2.8	U	mg/kg	12
Arsenic	.9	UJ	mg/kg	2	2.2	UJ	mg/kg	2	.53	J	mg/kg	2	.52	J	mg/kg	2
Barium	97.7		mg/kg	40	92.3		mg/kg	40	14.1	J	mg/kg	40	4.3	J	mg/kg	40
Beryllium	.06	U	mg/kg	1	.09	J	mg/kg	1	.06	U	mg/kg	1	.05	U	mg/kg	1
Cadmium	.63	UJ	mg/kg	1	.7	J	mg/kg	1	.81	J	mg/kg	1	.62	U	mg/kg	1
Calcium	310	UJ	mg/kg	1000	322	UJ	mg/kg	1000	160	J	mg/kg	1000	112	J	mg/kg	1000
Chromium	95.7	J	mg/kg	2	10.2	J	mg/kg	2	4.5		mg/kg	2	1.5	J	mg/kg	2
Cobalt	4.3	UJ	mg/kg	10	2.2	UJ	mg/kg	10	.45	J	mg/kg	10	.35	U	mg/kg	10
Copper	65.3	J	mg/kg	5	24.9	J	mg/kg	5	6.5		mg/kg	5	2.4	J	mg/kg	5
Iron	35600	J	mg/kg	20	14100	J	mg/kg	20	1760		mg/kg	20	1600		mg/kg	20
Lead	57.4		mg/kg	1	88.5		mg/kg	1	60	J	mg/kg	1	3.2	J	mg/kg	1
Magnesium	237	J	mg/kg	1000	185	J	mg/kg	1000	92.4	J	mg/kg	1000	63.4	J	mg/kg	1000
Manganese	317	J	mg/kg	3	124	J	mg/kg	3	13.8		mg/kg	3	68.8		mg/kg	3
Mercury	.04	J	mg/kg	.1	.06	J	mg/kg	.1	.08	U	mg/kg	.1	.08	U	mg/kg	.1
Nickel	18.9	J	mg/kg	8	5.4	J	mg/kg	8	3.4	J	mg/kg	8	2.4	U	mg/kg	8
Potassium	276	J	mg/kg	1000	261	J	mg/kg	1000	318	J	mg/kg	1000	145	J	mg/kg	1000
Selenium	.48	U	mg/kg	1	.46	UJ	mg/kg	1	.47	U	mg/kg	1	.47	U	mg/kg	1
Silver	.34	UJ	mg/kg	2	.33	UJ	mg/kg	2	.34	U	mg/kg	2	.33	U	mg/kg	2
Sodium	210	UJ	mg/kg	1000	169	UJ	mg/kg	1000	182	J	mg/kg	1000	169	J	mg/kg	1000
Thallium	.37	UJ	mg/kg	2	.35	UJ	mg/kg	2	.46	U	mg/kg	2	.46	U	mg/kg	2
Vanadium	3.8	J	mg/kg	10	2.9		mg/kg	10	4	J	mg/kg	10	3.4	J	mg/kg	10
Zinc	181	J	mg/kg	4	99.3	J	mg/kg	4	21.2	J	mg/kg	4	4.3	J	mg/kg	4
Cyanide	.26	U	mg/kg	1	.24	U	mg/kg	1	.25	U	mg/kg	1	.25	U	mg/kg	1

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WHITING FIELD ANALYTICAL RESULT REPORT
INORGANICS -- METALS AND CYANIDE ---- SITE 18 ---- VALIDATD DATA

Lab Sample Number:	22488006				22488008				22488009				22488010			
Site	WHITING				WHITING				WHITING				WHITING			
Locator	18-SL-13				18-SL-14				18-SL-15				18-SL-16			
Collect Date:	13-AUG-92				13-AUG-92				13-AUG-92				13-AUG-92			
	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL
CLP METALS AND CYANIDE																
Aluminum	3990		mg/kg	40	4880		mg/kg	40	4240		mg/kg	40	3910		mg/kg	40
Antimony	2.7	U	mg/kg	12	2.7	U	mg/kg	12	2.7	U	mg/kg	12	2.7	U	mg/kg	12
Arsenic	.66	J	mg/kg	2	.78	J	mg/kg	2	.56	J	mg/kg	2	.53	J	mg/kg	2
Barium	5.7	J	mg/kg	40	6	J	mg/kg	40	10.9	J	mg/kg	40	7.2	J	mg/kg	40
Beryllium	.05	U	mg/kg	1	.07	J	mg/kg	1	.05	U	mg/kg	1	.05	U	mg/kg	1
Cadmium	.59	U	mg/kg	1	.99	J	mg/kg	1	.6	U	mg/kg	1	.59	U	mg/kg	1
Calcium	93	J	mg/kg	1000	80.1	J	mg/kg	1000	96.9	J	mg/kg	1000	151	J	mg/kg	1000
Chromium	5.4		mg/kg	2	3.1		mg/kg	2	8.6		mg/kg	2	3.8		mg/kg	2
Cobalt	.34	U	mg/kg	10	.81	J	mg/kg	10	.4	J	mg/kg	10	.4	J	mg/kg	10
Copper	3.2	J	mg/kg	5	3.5	J	mg/kg	5	3	J	mg/kg	5	8.7		mg/kg	5
Iron	2240		mg/kg	20	2810		mg/kg	20	2870		mg/kg	20	2060		mg/kg	20
Lead	29.6		mg/kg	1	3.4	J	mg/kg	1	54.5	J	mg/kg	1	19		mg/kg	1
Magnesium	122	J	mg/kg	1000	88.7	J	mg/kg	1000	106	J	mg/kg	1000	137	J	mg/kg	1000
Manganese	21.3		mg/kg	3	79.3		mg/kg	3	19.3		mg/kg	3	22.9		mg/kg	3
Mercury	.07	U	mg/kg	.1	.08	U	mg/kg	.1	.07	U	mg/kg	.1	.08	U	mg/kg	.1
Nickel	2.9	J	mg/kg	8	3.9	J	mg/kg	8	2.3	U	mg/kg	8	7	J	mg/kg	8
Potassium	247	J	mg/kg	1000	346	J	mg/kg	1000	301	J	mg/kg	1000	297	J	mg/kg	1000
Selenium	.45	U	mg/kg	1	.46	U	mg/kg	1	.46	U	mg/kg	1	.45	U	mg/kg	1
Silver	.32	U	mg/kg	2	.33	U	mg/kg	2	.32	U	mg/kg	2	.32	U	mg/kg	2
Sodium	164	J	mg/kg	1000	179	J	mg/kg	1000	195	J	mg/kg	1000	213	J	mg/kg	1000
Thallium	.44	U	mg/kg	2	.45	U	mg/kg	2	.45	U	mg/kg	2	.44	U	mg/kg	2
Vanadium	5	J	mg/kg	10	6.4	J	mg/kg	10	6.2	J	mg/kg	10	4.7	J	mg/kg	10
Zinc	9.4	J	mg/kg	4	8.9	J	mg/kg	4	9.1	J	mg/kg	4	27.5	J	mg/kg	4
Cyanide	.24	U	mg/kg	1	.24	U	mg/kg	1	.24	U	mg/kg	1	.24	U	mg/kg	1

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WHITING FIELD ANALYTICAL RESULT REPORT
INORGANICS -- METALS AND CYANIDE ---- SITE 18 ---- VALIDATD DATA

Lab Sample Number:	22488011				22495001				22495002				22495003			
Site	WHITING				WHITING				WHITING				WHITING			
Locator	18-SL-17				18-SL-18				18-SL-19				18-SL-20			
Collect Date:	13-AUG-92				13-AUG-92				13-AUG-92				13-AUG-92			
	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL
CLP METALS AND CYANIDE																
Aluminum	2260		mg/kg	40	3780		mg/kg	40	2300		mg/kg	40	4690		mg/kg	40
Antimony	2.7	U	mg/kg	12	2.8	U	mg/kg	12	2.8	U	mg/kg	12	2.9	U	mg/kg	12
Arsenic	.36	J	mg/kg	2	.73	J	mg/kg	2	.67	J	mg/kg	2	1	J	mg/kg	2
Barium	25	J	mg/kg	40	31.4	J	mg/kg	40	24	J	mg/kg	40	9.2	J	mg/kg	40
Beryllium	.05	U	mg/kg	1	.06	J	mg/kg	1	.09	J	mg/kg	1	.08	J	mg/kg	1
Cadmium	.6	U	mg/kg	1	1.2		mg/kg	1	2.5		mg/kg	1	.63	U	mg/kg	1
Calcium	96.6	J	mg/kg	1000	181	J	mg/kg	1000	353	J	mg/kg	1000	1050	J	mg/kg	1000
Chromium	2.4	J	mg/kg	2	15.5		mg/kg	2	5		mg/kg	2	3.5		mg/kg	2
Cobalt	.34	U	mg/kg	10	1.8	J	mg/kg	10	1.3	J	mg/kg	10	1.4	J	mg/kg	10
Copper	3.8	J	mg/kg	5	9.5		mg/kg	5	10.3		mg/kg	5	3	J	mg/kg	5
Iron	1750		mg/kg	20	4190		mg/kg	20	1900		mg/kg	20	3340		mg/kg	20
Lead	20		mg/kg	1	48.7		mg/kg	1	57.9		mg/kg	1	11.5		mg/kg	1
Magnesium	53.4	J	mg/kg	1000	94.6	J	mg/kg	1000	78.5	J	mg/kg	1000	87.6	J	mg/kg	1000
Manganese	15.1		mg/kg	3	20.8		mg/kg	3	35.2		mg/kg	3	47.8		mg/kg	3
Mercury	.09	U	mg/kg	.1	.07	J	mg/kg	.1	.06	J	mg/kg	.1	.06	J	mg/kg	.1
Nickel	3.1	J	mg/kg	8	2.6	J	mg/kg	8	2.4	U	mg/kg	8	3.3	J	mg/kg	8
Potassium	166	J	mg/kg	1000	181	J	mg/kg	1000	198	J	mg/kg	1000	139	U	mg/kg	1000
Selenium	.46	U	mg/kg	1	.47	U	mg/kg	1	.47	U	mg/kg	1	.48	U	mg/kg	1
Silver	.33	U	mg/kg	2	.33	UJ	mg/kg	2	.33	UJ	mg/kg	2	.34	UJ	mg/kg	2
Sodium	216	J	mg/kg	1000	155	J	mg/kg	1000	137	J	mg/kg	1000	150	J	mg/kg	1000
Thallium	.45	U	mg/kg	2	.36	U	mg/kg	2	.36	U	mg/kg	2	.37	U	mg/kg	2
Vanadium	3	J	mg/kg	10	8.4	J	mg/kg	10	2.9	J	mg/kg	10	8	J	mg/kg	10
Zinc	17.6	J	mg/kg	4	16.5	J	mg/kg	4	28.6	J	mg/kg	4	21.3	J	mg/kg	4
Cyanide	.24	U	mg/kg	1	.25	U	mg/kg	1	.25	U	mg/kg	1	.26	U	mg/kg	1

U = NOT DETECTED J = ESTIMATED VALUE
UJ = REPORTED QUANTITATION LIMIT IS QUALIFIED AS ESTIMATED
R = RESULT IS REJECTED AND UNUSABLE

WHITING FIELD ANALYTICAL RESULT REPORT
INORGANICS -- METALS AND CYANIDE ---- SITE 18 ---- VALIDATD DATA

Lab Sample Number:	22495004				22495005				22489003				22489004						
Site	WHITING				WHITING				WHITING				WHITING						
Locator	18-SL-21				18-SL-22				18-SL-23				18-SL-23A						
Collect Date:	13-AUG-92				13-AUG-92				13-AUG-92				13-AUG-92						
	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL			
CLP METALS AND CYANIDE																			
Aluminum	1510		mg/kg	40	1990		mg/kg	40	13200	J	mg/kg	40	4970	J	mg/kg	40			
Antimony	3	U	mg/kg	12	3	U	mg/kg	12	2.9	UJ	mg/kg	12	3.5	J	mg/kg	12			
Arsenic	.37	J	mg/kg	2	.51	J	mg/kg	2	1	UJ	mg/kg	2	1.6	UJ	mg/kg	2			
Barium	4.8	J	mg/kg	40	3.4	J	mg/kg	40	198		mg/kg	40	188		mg/kg	40			
Beryllium	.11	J	mg/kg	1	.06	U	mg/kg	1	.09	J	mg/kg	1	.08	J	mg/kg	1			
Cadmium	.67	U	mg/kg	1	1	J	mg/kg	1	5.5		mg/kg	1	5	J	mg/kg	1			
Calcium	367	J	mg/kg	1000	189	J	mg/kg	1000	786	UJ	mg/kg	1000	555	UJ	mg/kg	1000			
Chromium	3.1		mg/kg	2	3.4		mg/kg	2	33.9		mg/kg	2	23.4	J	mg/kg	2			
Cobalt	.77	J	mg/kg	10	1.1	J	mg/kg	10	2.3	UJ	mg/kg	10	2.9	UJ	mg/kg	10			
Copper	7.5	J	mg/kg	5	7.3	J	mg/kg	5	236	J	mg/kg	5	68.6	J	mg/kg	5			
Iron	1140		mg/kg	20	1520		mg/kg	20	12900		mg/kg	20	23500	J	mg/kg	20			
Lead	8.4		mg/kg	1	10.4		mg/kg	1	59.6		mg/kg	1	63.2		mg/kg	1			
Magnesium	67.3	J	mg/kg	1000	33.8	J	mg/kg	1000	455	J	mg/kg	1000	267	J	mg/kg	1000			
Manganese	18		mg/kg	3	15.1		mg/kg	3	131		mg/kg	3	141	J	mg/kg	3			
Mercury	.09	J	mg/kg	.1	.08	J	mg/kg	.1	.25		mg/kg	.1	.07	J	mg/kg	.1			
Nickel	2.6	J	mg/kg	8	2.6	J	mg/kg	8	6.5	J	mg/kg	8	6.7	J	mg/kg	8			
Potassium	147	U	mg/kg	1000	149	J	mg/kg	1000	1210		mg/kg	1000	1060	J	mg/kg	1000			
Selenium	.51	U	mg/kg	1	.5	U	mg/kg	1	.49	UJ	mg/kg	1	.48	U	mg/kg	1			
Silver	.36	UJ	mg/kg	2	.36	UJ	mg/kg	2	.35	UJ	mg/kg	2	.34	UJ	mg/kg	2			
Sodium	232	J	mg/kg	1000	201	J	mg/kg	1000	226	UJ	mg/kg	1000	212	UJ	mg/kg	1000			
Thallium	.39	U	mg/kg	2	.38	U	mg/kg	2	.37	UJ	mg/kg	2	.36	UJ	mg/kg	2			
Vanadium	2.6	J	mg/kg	10	4	J	mg/kg	10	4.3	J	mg/kg	10	3.8	J	mg/kg	10			
Zinc	10.1	J	mg/kg	4	9.8	J	mg/kg	4	631	J	mg/kg	4	210	J	mg/kg	4			
Cyanide	.27	U	mg/kg	1	.27	U	mg/kg	1	.26	U	mg/kg	1	.26	U	mg/kg	1			

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WHITING FIELD ANALYTICAL RESULT REPORT
INORGANICS -- METALS AND CYANIDE ---- SITE 18 ---- VALIDATD DATA

Lab Sample Number:	22495006				22495007				22495008				22495009			
Site	WHITING				WHITING				WHITING				WHITING			
Locator	18-SL-24				18-SL-25				18-SL-26				18-SL-27			
Collect Date:	13-AUG-92				13-AUG-92				13-AUG-92				13-AUG-92			
	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL
CLP METALS AND CYANIDE																
Aluminum	3480		mg/kg	40	3790		mg/kg	40	2310		mg/kg	40	4100		mg/kg	40
Antimony	2.8	U	mg/kg	12	2.7	U	mg/kg	12	2.9	U	mg/kg	12	2.7	U	mg/kg	12
Arsenic	.63	J	mg/kg	2	.58	J	mg/kg	2	.56	J	mg/kg	2	.71	J	mg/kg	2
Barium	6.9	J	mg/kg	40	5.2	J	mg/kg	40	28.8	J	mg/kg	40	4.7	J	mg/kg	40
Beryllium	.06	U	mg/kg	1	.08	J	mg/kg	1	.1	J	mg/kg	1	.08	J	mg/kg	1
Cadmium	.63	U	mg/kg	1	.6	J	mg/kg	1	1.2	J	mg/kg	1	.59	U	mg/kg	1
Calcium	185	J	mg/kg	1000	211	J	mg/kg	1000	100	J	mg/kg	1000	75.2	J	mg/kg	1000
Chromium	8.7		mg/kg	2	3.6		mg/kg	2	5.6		mg/kg	2	3.6		mg/kg	2
Cobalt	1.8	J	mg/kg	10	1.9	J	mg/kg	10	1.1	J	mg/kg	10	1.4	J	mg/kg	10
Copper	14.5		mg/kg	5	5.2	J	mg/kg	5	6.9	J	mg/kg	5	6.4	J	mg/kg	5
Iron	2070		mg/kg	20	2500		mg/kg	20	1530		mg/kg	20	2350		mg/kg	20
Lead	24.5		mg/kg	1	19.1		mg/kg	1	16.8		mg/kg	1	35.1		mg/kg	1
Magnesium	90	J	mg/kg	1000	93.2	J	mg/kg	1000	65.4	J	mg/kg	1000	106	J	mg/kg	1000
Manganese	12.2		mg/kg	3	134		mg/kg	3	45.8		mg/kg	3	21.7		mg/kg	3
Mercury	.09	J	mg/kg	.1	.06	J	mg/kg	.1	.05	J	mg/kg	.1	.08	J	mg/kg	.1
Nickel	2.5	U	mg/kg	8	2.3	U	mg/kg	8	4.5	J	mg/kg	8	2.3	U	mg/kg	8
Potassium	138	U	mg/kg	1000	301	J	mg/kg	1000	260	J	mg/kg	1000	259	J	mg/kg	1000
Selenium	.48	U	mg/kg	1	.45	U	mg/kg	1	.49	U	mg/kg	1	.45	U	mg/kg	1
Silver	.34	UJ	mg/kg	2	.32	UJ	mg/kg	2	.35	UJ	mg/kg	2	.32	UJ	mg/kg	2
Sodium	173	J	mg/kg	1000	190	J	mg/kg	1000	231	J	mg/kg	1000	169	J	mg/kg	1000
Thallium	.36	U	mg/kg	2	.34	U	mg/kg	2	.37	U	mg/kg	2	.34	U	mg/kg	2
Vanadium	5	J	mg/kg	10	5.4	J	mg/kg	10	3.7	J	mg/kg	10	5.4	J	mg/kg	10
Zinc	11.7	J	mg/kg	4	7	J	mg/kg	4	27.9	J	mg/kg	4	5.5	J	mg/kg	4
Cyanide	.26	U	mg/kg	1	.23	U	mg/kg	1	.26	U	mg/kg	1	.23	U	mg/kg	1

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WHITING FIELD ANALYTICAL RESULT REPORT
INORGANICS -- METALS AND CYANIDE ---- SITE 18 ---- VALIDATD DATA

	22495010				22495011				22495012				22507005			
Lab Sample Number:																
Site	WHITING				WHITING				WHITING				WHITING			
Locator	18-SL-28				18-SL-29				18-SL-30				18-SL-05			
Collect Date:	13-AUG-92				13-AUG-92				13-AUG-92				14-AUG-92			
	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL
CLP METALS AND CYANIDE																
Aluminum	1730		mg/kg	40	2910		mg/kg	40	3330		mg/kg	40	3260		mg/kg	40
Antimony	2.7	U	mg/kg	12	3.1	U	mg/kg	12	2.8	U	mg/kg	12	2.7	U	mg/kg	12
Arsenic	.24	J	mg/kg	2	.81	J	mg/kg	2	.74	J	mg/kg	2	.26	J	mg/kg	2
Barium	6.8	J	mg/kg	40	46.2	J	mg/kg	40	13.4	J	mg/kg	40	6.5	J	mg/kg	40
Beryllium	.05	U	mg/kg	1	.06	U	mg/kg	1	.09	J	mg/kg	1	.05	U	mg/kg	1
Cadmium	.6	U	mg/kg	1	.91	J	mg/kg	1	.63	U	mg/kg	1	.6	U	mg/kg	1
Calcium	63	J	mg/kg	1000	148	J	mg/kg	1000	167	J	mg/kg	1000	91.3	J	mg/kg	1000
Chromium	1.8	J	mg/kg	2	6.6		mg/kg	2	2.6		mg/kg	2	4		mg/kg	2
Cobalt	.34	U	mg/kg	10	2	J	mg/kg	10	.36	U	mg/kg	10	.78	J	mg/kg	10
Copper	5.6	J	mg/kg	5	27.5		mg/kg	5	7.2	J	mg/kg	5	6.8		mg/kg	5
Iron	1490		mg/kg	20	3200		mg/kg	20	1790		mg/kg	20	1790		mg/kg	20
Lead	3.2		mg/kg	1	32.1		mg/kg	1	22.2		mg/kg	1	5.1		mg/kg	1
Magnesium	35.6	J	mg/kg	1000	136	J	mg/kg	1000	83.4	J	mg/kg	1000	84.1	J	mg/kg	1000
Manganese	39.6		mg/kg	3	35.4		mg/kg	3	45		mg/kg	3	18.5		mg/kg	3
Mercury	.19		mg/kg	.1	.08	J	mg/kg	.1	.07	J	mg/kg	.1	.01	U	mg/kg	.1
Nickel	2.3	U	mg/kg	8	7.2	J	mg/kg	8	2.5	J	mg/kg	8	2.4	U	mg/kg	8
Potassium	132	U	mg/kg	1000	359	J	mg/kg	1000	168	J	mg/kg	1000	199	J	mg/kg	1000
Selenium	.46	U	mg/kg	1	.52	U	mg/kg	1	.48	U	mg/kg	1	.46	U	mg/kg	1
Silver	.33	UJ	mg/kg	2	.37	UJ	mg/kg	2	.34	UJ	mg/kg	2	.33	U	mg/kg	2
Sodium	137	J	mg/kg	1000	203	J	mg/kg	1000	156	J	mg/kg	1000	182	J	mg/kg	1000
Thallium	.35	U	mg/kg	2	.39	U	mg/kg	2	.36	U	mg/kg	2	.35	U	mg/kg	2
Vanadium	2.4	J	mg/kg	10	3.3	J	mg/kg	10	4.4	J	mg/kg	10	4.6	J	mg/kg	10
Zinc	11	J	mg/kg	4	57.7	J	mg/kg	4	9.8	J	mg/kg	4	9.1	J	mg/kg	4
Cyanide	.24	U	mg/kg	1	.27	U	mg/kg	1	.26	U	mg/kg	1	.24	U	mg/kg	1

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P [illegible]ULT IS REJECTED AND UNUSABLE

WHITING FIELD ANALYTICAL RESULT REPORT

INORGANICS -- METALS AND CYANIDE ---- SITE 18 ---- VALIDATD DATA

Lab Sample Number:	22507006				22506002				22507003				22506003			
Site	WHITING				WHITING				WHITING				WHITING			
Locator	18-SL-06				18-SL-31				18-SL-31A				18-SL-32			
Collect Date:	14-AUG-92				14-AUG-92				14-AUG-92				14-AUG-92			
	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL
CLP METALS AND CYANIDE																
Aluminum	3140		mg/kg	40	7100		mg/kg	40	13500		mg/kg	40	4590		mg/kg	40
Antimony	2.7	U	mg/kg	12	4.1	J	mg/kg	12	3	J	mg/kg	12	2.8	U	mg/kg	12
Arsenic	.22	U	mg/kg	2	3.1		mg/kg	2	2.2	J	mg/kg	2	.89	UJ	mg/kg	2
Barium	10.6	J	mg/kg	40	265		mg/kg	40	290		mg/kg	40	59.7		mg/kg	40
Beryllium	.05	U	mg/kg	1	.06	U	mg/kg	1	.14	J	mg/kg	1	.07	J	mg/kg	1
Cadmium	9.3		mg/kg	1	3.3	J	mg/kg	1	15.6		mg/kg	1	.61	U	mg/kg	1
Calcium	151	J	mg/kg	1000	512	UJ	mg/kg	1000	592	J	mg/kg	1000	181	UJ	mg/kg	1000
Chromium	10.7		mg/kg	2	23.2		mg/kg	2	43.8		mg/kg	2	7.1		mg/kg	2
Cobalt	.47	J	mg/kg	10	4.8	UJ	mg/kg	10	5.9	J	mg/kg	10	1.1	UJ	mg/kg	10
Copper	45.3		mg/kg	5	192	J	mg/kg	5	314		mg/kg	5	25.2	J	mg/kg	5
Iron	1490		mg/kg	20	41600	J	mg/kg	20	51700		mg/kg	20	2590	J	mg/kg	20
Lead	32.6		mg/kg	1	160		mg/kg	1	168		mg/kg	1	61.1		mg/kg	1
Magnesium	125	J	mg/kg	1000	518	J	mg/kg	1000	657	J	mg/kg	1000	171	J	mg/kg	1000
Manganese	16		mg/kg	3	309	J	mg/kg	3	457		mg/kg	3	34.1	J	mg/kg	3
Mercury	.01	U	mg/kg	.1	.05	U	mg/kg	.1	.01	U	mg/kg	.1	.05	U	mg/kg	.1
Nickel	2.4	U	mg/kg	8	11.4	UJ	mg/kg	8	19.7		mg/kg	8	2.4	U	mg/kg	8
Potassium	194	J	mg/kg	1000	2860		mg/kg	1000	2930		mg/kg	1000	462	J	mg/kg	1000
Selenium	.46	U	mg/kg	1	.49	UJ	mg/kg	1	.48	U	mg/kg	1	.47	U	mg/kg	1
Silver	.33	U	mg/kg	2	.44	UJ	mg/kg	2	.34	U	mg/kg	2	.37	UJ	mg/kg	2
Sodium	155	J	mg/kg	1000	270	UJ	mg/kg	1000	302	J	mg/kg	1000	175	UJ	mg/kg	1000
Thallium	.35	U	mg/kg	2	.37	UJ	mg/kg	2	.37	U	mg/kg	2	.36	U	mg/kg	2
Vanadium	4.2	J	mg/kg	10	5.7	J	mg/kg	10	5.9	J	mg/kg	10	5.9	J	mg/kg	10
Zinc	38.9		mg/kg	4	326		mg/kg	4	779		mg/kg	4	48.6	UJ	mg/kg	4
Cyanide	.24	U	mg/kg	1	.26	U	mg/kg	1	.26	U	mg/kg	1	.25	U	mg/kg	1

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WHITING FIELD ANALYTICAL RESULT REPORT
INORGANICS -- METALS AND CYANIDE ---- SITE 18 ---- VALIDATD DATA

	22506004				22506005				22506006				22506007			
Lab Sample Number:																
Site	WHITING				WHITING				WHITING				WHITING			
Locator	18-SL-33				18-SL-34				18-SL-35				18-SL-36			
Collect Date:	14-AUG-92				14-AUG-92				14-AUG-92				14-AUG-92			
	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL
CLP METALS AND CYANIDE																
Aluminum	4350		mg/kg	40	3560		mg/kg	40	3540		mg/kg	40	3790		mg/kg	40
Antimony	2.7	U	mg/kg	12	2.8	U	mg/kg	12	3.3	U	mg/kg	12	2.7	U	mg/kg	12
Arsenic	1.4	UJ	mg/kg	2	.68	UJ	mg/kg	2	.79	UJ	mg/kg	2	.49	UJ	mg/kg	2
Barium	46.1		mg/kg	40	22.6	J	mg/kg	40	15.1	J	mg/kg	40	24.6	J	mg/kg	40
Beryllium	.05	U	mg/kg	1	.05	U	mg/kg	1	.06	U	mg/kg	1	.06	J	mg/kg	1
Cadmium	.61	U	mg/kg	1	.61	U	mg/kg	1	.72	U	mg/kg	1	1.9		mg/kg	1
Calcium	205	UJ	mg/kg	1000	126	UJ	mg/kg	1000	131	UJ	mg/kg	1000	172	UJ	mg/kg	1000
Chromium	8		mg/kg	2	3.7		mg/kg	2	3.6		mg/kg	2	9		mg/kg	2
Cobalt	1.4	UJ	mg/kg	10	.8	UJ	mg/kg	10	.41	U	mg/kg	10	.99	UJ	mg/kg	10
Copper	32.7	J	mg/kg	5	9.2	J	mg/kg	5	10.9	J	mg/kg	5	106	J	mg/kg	5
Iron	5610	J	mg/kg	20	2110	J	mg/kg	20	1760	J	mg/kg	20	2090	J	mg/kg	20
Lead	44.9		mg/kg	1	23.4		mg/kg	1	15.9	UJ	mg/kg	1	99.5		mg/kg	1
Magnesium	192	J	mg/kg	1000	114	J	mg/kg	1000	97.2	J	mg/kg	1000	127	J	mg/kg	1000
Manganese	57.2	J	mg/kg	3	28.8	J	mg/kg	3	23.8	J	mg/kg	3	21.3	J	mg/kg	3
Mercury	.05	U	mg/kg	.1	.05	U	mg/kg	.1	.06	U	mg/kg	.1	.05	U	mg/kg	.1
Nickel	3	UJ	mg/kg	8	2.4	U	mg/kg	8	3.6	UJ	mg/kg	8	2.3	U	mg/kg	8
Potassium	436	J	mg/kg	1000	198	J	mg/kg	1000	170	J	mg/kg	1000	235	J	mg/kg	1000
Selenium	.46	U	mg/kg	1	.47	U	mg/kg	1	.55	UJ	mg/kg	1	.45	U	mg/kg	1
Silver	.33	UJ	mg/kg	2	.33	U	mg/kg	2	.39	U	mg/kg	2	.32	U	mg/kg	2
Sodium	192	UJ	mg/kg	1000	159	UJ	mg/kg	1000	158	UJ	mg/kg	1000	174	UJ	mg/kg	1000
Thallium	.35	U	mg/kg	2	.36	U	mg/kg	2	.42	U	mg/kg	2	.34	U	mg/kg	2
Vanadium	5	J	mg/kg	10	4.5	J	mg/kg	10	4.8	J	mg/kg	10	4.2	J	mg/kg	10
Zinc	77	UJ	mg/kg	4	29.7	UJ	mg/kg	4	15.2	UJ	mg/kg	4	45.8	UJ	mg/kg	4
Cyanide	.24	U	mg/kg	1	.24	U	mg/kg	1	.66	U	mg/kg	1	.24	U	mg/kg	1

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UJ - REPORTED QUANTITATION LIMIT IS QUALIFIED AS ESTIMATED
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WHITING FIELD ANALYTICAL RESULT REPORT
INORGANICS -- METALS AND CYANIDE ---- SITE 18 ---- VALIDATD DATA

Lab Sample Number:	22506008				22507001				22506009				22506010			
Site	WHITING				WHITING				WHITING				WHITING			
Locator	18-SL-37				18-SL-37A				18-SL-38				18-SL-39			
Collect Date:	14-AUG-92				14-AUG-92				14-AUG-92				14-AUG-92			
	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL
CLP METALS AND CYANIDE																
Aluminum	4190		mg/kg	40	3600		mg/kg	40	4100		mg/kg	40	4840		mg/kg	40
Antimony	2.7	U	mg/kg	12	2.7	U	mg/kg	12	3.2	J	mg/kg	12	2.7	U	mg/kg	12
Arsenic	.88	UJ	mg/kg	2	.67	J	mg/kg	2	1.6	UJ	mg/kg	2	1	UJ	mg/kg	2
Barium	8.2	J	mg/kg	40	7.2	J	mg/kg	40	7.7	J	mg/kg	40	5.6	J	mg/kg	40
Beryllium	.08	J	mg/kg	1	.05	U	mg/kg	1	.05	U	mg/kg	1	.06	J	mg/kg	1
Cadmium	.84	J	mg/kg	1	1.4		mg/kg	1	.6	U	mg/kg	1	.59	U	mg/kg	1
Calcium	109	UJ	mg/kg	1000	147	J	mg/kg	1000	118	UJ	mg/kg	1000	102	UJ	mg/kg	1000
Chromium	4.5		mg/kg	2	3.8		mg/kg	2	32		mg/kg	2	4.4		mg/kg	2
Cobalt	.95	UJ	mg/kg	10	.55	J	mg/kg	10	1.3	UJ	mg/kg	10	.63	UJ	mg/kg	10
Copper	4.3	UJ	mg/kg	5	5.6		mg/kg	5	4.5	UJ	mg/kg	5	2.3	UJ	mg/kg	5
Iron	2110	J	mg/kg	20	1980		mg/kg	20	3270	J	mg/kg	20	2690	J	mg/kg	20
Lead	42.8		mg/kg	1	43.1		mg/kg	1	16.1	UJ	mg/kg	1	7.1	UJ	mg/kg	1
Magnesium	119	J	mg/kg	1000	69.4	J	mg/kg	1000	122	J	mg/kg	1000	75.9	J	mg/kg	1000
Manganese	15.7	J	mg/kg	3	13.8		mg/kg	3	125	J	mg/kg	3	58.8	J	mg/kg	3
Mercury	.05	U	mg/kg	.1	.02	U	mg/kg	.1	.05	U	mg/kg	.1	.05	U	mg/kg	.1
Nickel	2.3	U	mg/kg	8	2.3	U	mg/kg	8	2.3	U	mg/kg	8	2.3	U	mg/kg	8
Potassium	129	U	mg/kg	1000	129	U	mg/kg	1000	131	U	mg/kg	1000	130	U	mg/kg	1000
Selenium	.45	U	mg/kg	1	.45	U	mg/kg	1	.46	U	mg/kg	1	.45	U	mg/kg	1
Silver	.32	U	mg/kg	2	.32	U	mg/kg	2	.33	U	mg/kg	2	.32	U	mg/kg	2
Sodium	137	UJ	mg/kg	1000	185	J	mg/kg	1000	127	UJ	mg/kg	1000	140	UJ	mg/kg	1000
Thallium	.34	UJ	mg/kg	2	.34	U	mg/kg	2	.35	UJ	mg/kg	2	.34	UJ	mg/kg	2
Vanadium	6	J	mg/kg	10	5.2	J	mg/kg	10	6.3	J	mg/kg	10	7	J	mg/kg	10
Zinc	15.6	UJ	mg/kg	4	19	J	mg/kg	4	19.1	UJ	mg/kg	4	7.6	UJ	mg/kg	4
Cyanide	.23	U	mg/kg	1	.24	U	mg/kg	1	.24	U	mg/kg	1	.24	U	mg/kg	1

U = NOT DETECTED J = ESTIMATED VALUE
UJ = REPORTED QUANTITATION LIMIT IS QUALIFIED AS ESTIMATED
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WHITING FIELD ANALYTICAL RESULT REPORT
INORGANICS -- METALS AND CYANIDE ---- SITE 18 ---- VALIDATD DATA

Lab Sample Number:	22506011				22507002				22507007				22507008			
Site	WHITING				WHITING				WHITING				WHITING			
Locator	18-SL-40				18-SL-41				18-SL-42				18-SL-43			
Collect Date:	14-AUG-92				14-AUG-92				14-AUG-92				14-AUG-92			
	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL
CLP METALS AND CYANIDE																
Aluminum	6050		mg/kg	40	4740		mg/kg	40	8390		mg/kg	40	3880		mg/kg	40
Antimony	2.8	U	mg/kg	12	2.7	U	mg/kg	12	2.6	U	mg/kg	12	2.7	U	mg/kg	12
Arsenic	1.3	UJ	mg/kg	2	.75	J	mg/kg	2	1.7	J	mg/kg	2	.49	J	mg/kg	2
Barium	5.9	J	mg/kg	40	6.4	J	mg/kg	40	7	J	mg/kg	40	5.7	J	mg/kg	40
Beryllium	.07	J	mg/kg	1	.05	U	mg/kg	1	.06	J	mg/kg	1	.05	U	mg/kg	1
Cadmium	.62	U	mg/kg	1	.61	U	mg/kg	1	38.8		mg/kg	1	.95	J	mg/kg	1
Calcium	121	UJ	mg/kg	1000	245	J	mg/kg	1000	116	J	mg/kg	1000	79.3	J	mg/kg	1000
Chromium	5.4		mg/kg	2	5.9		mg/kg	2	8		mg/kg	2	5.2		mg/kg	2
Cobalt	.92	UJ	mg/kg	10	.53	J	mg/kg	10	.88	J	mg/kg	10	.62	J	mg/kg	10
Copper	3.4	UJ	mg/kg	5	5.6		mg/kg	5	6.9		mg/kg	5	6.2		mg/kg	5
Iron	3880	J	mg/kg	20	2840		mg/kg	20	4500		mg/kg	20	2270		mg/kg	20
Lead	4.6	UJ	mg/kg	1	6.7		mg/kg	1	10.6		mg/kg	1	9.3		mg/kg	1
Magnesium	83.2	J	mg/kg	1000	140	J	mg/kg	1000	81.5	J	mg/kg	1000	77.5	J	mg/kg	1000
Manganese	67.8	J	mg/kg	3	132		mg/kg	3	77.5		mg/kg	3	58.6		mg/kg	3
Mercury	.05	U	mg/kg	.1	.02	U	mg/kg	.1	.01	U	mg/kg	.1	.01	U	mg/kg	.1
Nickel	2.4	U	mg/kg	8	2.4	U	mg/kg	8	2.9	J	mg/kg	8	3.3	J	mg/kg	8
Potassium	136	U	mg/kg	1000	145	J	mg/kg	1000	165	J	mg/kg	1000	130	U	mg/kg	1000
Selenium	.47	U	mg/kg	1	.46	U	mg/kg	1	.45	U	mg/kg	1	.45	U	mg/kg	1
Silver	.34	U	mg/kg	2	.33	U	mg/kg	2	.32	U	mg/kg	2	.32	U	mg/kg	2
Sodium	156	UJ	mg/kg	1000	171	J	mg/kg	1000	147	J	mg/kg	1000	170	J	mg/kg	1000
Thallium	.36	U	mg/kg	2	.35	U	mg/kg	2	.34	U	mg/kg	2	.53	J	mg/kg	2
Vanadium	9.5	J	mg/kg	10	7.4	J	mg/kg	10	12.1		mg/kg	10	5.6	J	mg/kg	10
Zinc	7.3	UJ	mg/kg	4	14.9	J	mg/kg	4	25.8	J	mg/kg	4	20.1	J	mg/kg	4
Cyanide	.56	U	mg/kg	1	.25	U	mg/kg	1	.23	U	mg/kg	1	.24	U	mg/kg	1

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WHITING FIELD ANAL...ICAL RESULT REPORT
INORGANICS -- METALS AND CYANIDE ---- SITE 18 ---- VALIDATD DATA

	22507009				22507010				22507011				22507012			
Lab Sample Number:																
Site	WHITING				WHITING				WHITING				WHITING			
Locator	18-SL-44				18-SL-45				18-SL-46				18-SL-47			
Collect Date:	14-AUG-92				14-AUG-92				14-AUG-92				14-AUG-92			
	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL
CLP METALS AND CYANIDE																
Aluminum	3680		mg/kg	40	3600		mg/kg	40	3330		mg/kg	40	4200		mg/kg	40
Antimony	2.7	U	mg/kg	12	2.7	U	mg/kg	12	2.8	U	mg/kg	12	2.7	U	mg/kg	12
Arsenic	.36	J	mg/kg	2	.32	J	mg/kg	2	.55	J	mg/kg	2	.31	J	mg/kg	2
Barium	10.3	J	mg/kg	40	25.4	J	mg/kg	40	2.5	J	mg/kg	40	5.3	J	mg/kg	40
Beryllium	.08	J	mg/kg	1	.07	J	mg/kg	1	.07	J	mg/kg	1	.08	J	mg/kg	1
Cadmium	.59	U	mg/kg	1	1.2		mg/kg	1	.61	U	mg/kg	1	.69	J	mg/kg	1
Calcium	98.3	J	mg/kg	1000	232	J	mg/kg	1000	157	J	mg/kg	1000	124	J	mg/kg	1000
Chromium	3.1		mg/kg	2	6.1		mg/kg	2	4.1		mg/kg	2	2.9	J	mg/kg	2
Cobalt	1	J	mg/kg	10	.74	J	mg/kg	10	.54	J	mg/kg	10	.62	J	mg/kg	10
Copper	4.6	J	mg/kg	5	13.5		mg/kg	5	1.8	J	mg/kg	5	5.7		mg/kg	5
Iron	2350		mg/kg	20	2050		mg/kg	20	2700		mg/kg	20	2370		mg/kg	20
Lead	4.9		mg/kg	1	22.6		mg/kg	1	4.3		mg/kg	1	6.6		mg/kg	1
Magnesium	84.6	J	mg/kg	1000	110	J	mg/kg	1000	39.4	J	mg/kg	1000	83.2	J	mg/kg	1000
Manganese	29.7		mg/kg	3	92.5		mg/kg	3	12.1		mg/kg	3	67.3		mg/kg	3
Mercury	.02	U	mg/kg	.1	.01	U	mg/kg	.1	.02	U	mg/kg	.1	.01	U	mg/kg	.1
Nickel	2.7	J	mg/kg	8	2.3	U	mg/kg	8	2.4	U	mg/kg	8	3.1	J	mg/kg	8
Potassium	130	U	mg/kg	1000	138	J	mg/kg	1000	135	U	mg/kg	1000	130	U	mg/kg	1000
Selenium	.45	U	mg/kg	1	.46	U	mg/kg	1	.47	U	mg/kg	1	.45	U	mg/kg	1
Silver	.32	U	mg/kg	2	.33	U	mg/kg	2	.33	U	mg/kg	2	.32	U	mg/kg	2
Sodium	227	J	mg/kg	1000	260	J	mg/kg	1000	181	J	mg/kg	1000	175	J	mg/kg	1000
Thallium	.34	U	mg/kg	2	.35	U	mg/kg	2	.36	U	mg/kg	2	.34	U	mg/kg	2
Vanadium	5.2	J	mg/kg	10	5.3	J	mg/kg	10	7.1	J	mg/kg	10	5.5	J	mg/kg	10
Zinc	5.7	J	mg/kg	4	21.9	J	mg/kg	4	7.8		mg/kg	4	9.3	J	mg/kg	4
Cyanide	.24	U	mg/kg	1	.24	U	mg/kg	1	.25	U	mg/kg	1	.24	U	mg/kg	1

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WHITING FIELD ANAL. .CAL RESULT REPORT
TCLP - VOLATILES AND METALS --- SITE 18 ---- VALIDATD DATA

Lab Sample Number:	22481001TC				22488001TC				22488002TC				22488003TC			
Site	WHITING				WHITING				WHITING				WHITING			
Locator	18-SL-01TCLP				18-SL-07TCLP				18-SL-08TCLP				18-SL-09TCLP			
Collect Date:	12-AUG-92				13-AUG-92				13-AUG-92				13-AUG-92			
	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL
CLP METALS TCLP																
Arsenic	25.3	UJ	ug/l	10	25.3	UJ	ug/l	10	25.3	UJ	ug/l	10	25.3	UJ	ug/l	10
Barium	1490		ug/l	200	1380		ug/l	200	3770		ug/l	200	1300		ug/l	200
Cadmium	2250		ug/l	5	407		ug/l	5	6.7		ug/l	5	5	J	ug/l	5
Chromium	6.2	J	ug/l	10	6.7	J	ug/l	10	1.9	U	ug/l	10	1.9	U	ug/l	10
Lead	450		ug/l	3	474		ug/l	3	152		ug/l	3	142		ug/l	3
Mercury	.2		ug/l	.2	.26		ug/l	.2	.21		ug/l	.2	.16	U	ug/l	.2
Selenium	31.3	UJ	ug/l	5	31.3	U	ug/l	5	31.3	U	ug/l	5	31.3	U	ug/l	5
Silver	1.5	UJ	ug/l	10	1.5	U	ug/l	10	1.5	U	ug/l	10	1.5	U	ug/l	10
VOLATILE TCLP COMPOUNDS																
Vinyl Chloride	50	U	ug/l	50	50	U	ug/l	50	50	U	ug/l	50	50	U	ug/l	50
1,1-Dichloroethene	25	U	ug/l	25	25	U	ug/l	25	25	U	ug/l	25	25	U	ug/l	25
Chloroform	25	U	ug/l	25	25	U	ug/l	25	25	U	ug/l	25	25	U	ug/l	25
1,2-Dichloroethane	25	U	ug/l	25	25	U	ug/l	25	25	U	ug/l	25	25	U	ug/l	25
2-Butanone	50	U	ug/l	50	50	U	ug/l	50	50	U	ug/l	50	50	U	ug/l	50
Carbon Tetrachloride	25	U	ug/l	25	25	U	ug/l	25	25	U	ug/l	25	25	U	ug/l	25
Trichloroethene	25	U	ug/l	25	25	U	ug/l	25	25	U	ug/l	25	25	U	ug/l	25
Benzene	25	U	ug/l	25	25	U	ug/l	25	25	U	ug/l	25	25	U	ug/l	25
Tetrachloroethene	25	U	ug/l	25	25	U	ug/l	25	25	U	ug/l	25	25	U	ug/l	25
Chlorobenzene	25	U	ug/l	25	25	U	ug/l	25	25	U	ug/l	25	25	U	ug/l	25

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WHITING FIELD ANAL .CAL RESULT REPORT
TCLP - VOLATILES AND METALS --- SITE 18 ---- VALIDATD DATA

	Lab Sample Number:	22489001TC				22489003TC				22495007TC				22507006TC			
	Site	WHITING				WHITING				WHITING				WHITING			
	Locator	18-SL-10TCLP				18-SL-23TCLP				18-SL-25TCLP				18-SL-06TCLP			
	Collect Date:	13-AUG-92				13-AUG-92				13-AUG-92				14-AUG-92			
		VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL
CLP METALS TCLP																	
Arsenic		25.3	U	ug/l	10	25.3	U	ug/l	10	25.3	UJ	ug/l	10	25.3	U	ug/l	10
Barium		1510		ug/l	200	1980		ug/l	200	684		ug/l	200	1000		ug/l	200
Cadmium		5.8		ug/l	5	186		ug/l	5	2.7	U	ug/l	5	136		ug/l	5
Chromium		1.9	UJ	ug/l	10	10.3	J	ug/l	10	1.9	U	ug/l	10	8.8	J	ug/l	10
Lead		599		ug/l	3	70		ug/l	3	256		ug/l	5	259		ug/l	5
Mercury		.19	UJ	ug/l	.2	.17	UJ	ug/l	.2	.14	J	ug/l	.2	.03	U	ug/l	.2
Selenium		31.3	UJ	ug/l	5	31.3	UJ	ug/l	5	31.3	U	ug/l	5	31.3	U	ug/l	5
Silver		1.5	UJ	ug/l	10	1.5	UJ	ug/l	10	1.5	U	ug/l	10	1.5	UJ	ug/l	10
VOLATILE TCLP COMPOUNDS																	
Vinyl Chloride		50	U	ug/l	50	50	U	ug/l	50	50	U	ug/l	50	50	U	ug/l	50
1,1-Dichloroethene		25	U	ug/l	25	25	U	ug/l	25	25	U	ug/l	25	25	U	ug/l	25
Chloroform		25	U	ug/l	25	25	U	ug/l	25	25	U	ug/l	25	25	U	ug/l	25
1,2-Dichloroethane		25	U	ug/l	25	25	U	ug/l	25	25	U	ug/l	25	25	U	ug/l	25
2-Butanone		50	U	ug/l	50	50	U	ug/l	50	47	J	ug/l	47	50	U	ug/l	50
Carbon Tetrachloride		25	U	ug/l	25	25	U	ug/l	25	25	U	ug/l	25	25	U	ug/l	25
Trichloroethene		25	U	ug/l	25	25	U	ug/l	25	25	U	ug/l	25	25	U	ug/l	25
Benzene		25	U	ug/l	25	25	U	ug/l	25	25	U	ug/l	25	25	U	ug/l	25
Tetrachloroethene		25	U	ug/l	25	25	U	ug/l	25	25	U	ug/l	25	25	U	ug/l	25
Chlorobenzene		25	U	ug/l	25	25	U	ug/l	25	25	U	ug/l	25	25	U	ug/l	25

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WHITING FIELD ANAL..CAL RESULT REPORT
TCLP - VOLATILES AND METALS --- SITE 18 ---- VALIDATD DATA

Lab Sample Number:	22506002TC				22506008TC				22506009TC				22506011TC			
Site	WHITING				WHITING				WHITING				WHITING			
Locator	18-SL-31TCLP				18-SL-37TCLP				18-SL-38TCLP				18-SL-40TCLP			
Collect Date:	14-AUG-92				14-AUG-92				14-AUG-92				14-AUG-92			
	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL
CLP METALS TCLP																
Arsenic	45.2	J	ug/l	10	25.3	UJ	ug/l	10	25.3	UJ	ug/l	10	25.3	UJ	ug/l	10
Barium	3380		ug/l	200	893		ug/l	200	681		ug/l	200	888		ug/l	200
Cadmium	67.8		ug/l	5	9	UJ	ug/l	5	2.7	U	ug/l	5	4.5	UJ	ug/l	5
Chromium	49.7		ug/l	10	1.9	UJ	ug/l	10	5.7	J	ug/l	10	2.7	J	ug/l	10
Lead	4630		ug/l	5	734		ug/l	5	44.7	J	ug/l	5	4610		ug/l	5
Mercury	.27	UJ	ug/l	.2	.16	UJ	ug/l	.2	.25	UJ	ug/l	.2	.29	UJ	ug/l	.2
Selenium	31.3	U	ug/l	5	31.3	U	ug/l	5	31.3	U	ug/l	5	31.3	U	ug/l	5
Silver	1.5	U	ug/l	10	1.5	U	ug/l	10	1.5	U	ug/l	10	1.5	U	ug/l	10
VOLATILE TCLP COMPOUNDS																
Vinyl Chloride	50	U	ug/l	50	50	U	ug/l	50	50	U	ug/l	50	50	U	ug/l	50
1,1-Dichloroethene	25	U	ug/l	25	25	U	ug/l	25	25	U	ug/l	25	25	U	ug/l	25
Chloroform	25	U	ug/l	25	25	U	ug/l	25	25	U	ug/l	25	25	U	ug/l	25
1,2-Dichloroethane	25	U	ug/l	25	25	U	ug/l	25	25	U	ug/l	25	25	U	ug/l	25
2-Butanone	50	U	ug/l	50	50	U	ug/l	50	50	U	ug/l	50	50	U	ug/l	50
Carbon Tetrachloride	25	U	ug/l	25	25	U	ug/l	25	25	U	ug/l	25	25	U	ug/l	25
Trichloroethene	25	U	ug/l	25	25	U	ug/l	25	25	U	ug/l	25	25	U	ug/l	25
Benzene	25	U	ug/l	25	25	U	ug/l	25	25	U	ug/l	25	25	U	ug/l	25
Tetrachloroethene	25	U	ug/l	25	25	U	ug/l	25	25	U	ug/l	25	25	U	ug/l	25
Chlorobenzene	25	U	ug/l	25	25	U	ug/l	25	25	U	ug/l	25	25	U	ug/l	25

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WHITING FIELD ANALYTICAL RESULT REPORT
TOTAL PETROLEUM HYDROCARBON ---- SITE 18 ---- VALIDATD DATA

Lab Sample Number:	22481001			22481P01			22481M01			22481002		
Site	WHITING			WHITING			WHITING			WHITING		
Locator	18-SL-01			18-SL-01 DUP			18-SL-01 MS			18-SL-01A		
Collect Date:	12-AUG-92			12-AUG-92			12-AUG-92			12-AUG-92		
	VALUE	QUAL UNITS	DL	VALUE	QUAL UNITS	DL	VALUE	QUAL UNITS	DL	VALUE	QUAL UNITS	DL
TOTAL PETROLEUM HYDROCARBON	9020	mg/kg		8876	mg/kg		9020	mg/kg		12400	mg/kg	

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WHITING FIELD ANALYTICAL RESULT REPORT
TOTAL PETROLEUM HYDROCARBON ---- SITE 18 ---- VALIDATD DATA

Lab Sample Number:		22462010				22462011				22462012				22488001	
Site		WHITING				WHITING				WHITING				WHITING	
Locator		18-SL-02				18-SL-03				18-SL-04				18-SL-07	
Collect Date:		12-AUG-92				12-AUG-92				12-AUG-92				13-AUG-92	
	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL
TOTAL PETROLEUM HYDROCARBON	195		mg/kg		1.7	U	mg/kg	1.7	13300		mg/kg		87.4		mg/kg	

U = NOT DETECTED J = ESTIMATED VALUE
UJ - REPORTED QUANTITATION LIMIT IS QUALIFIED AS ESTIMATED
R - RESULT IS REJECTED AND UNUSABLE

WHITING FIELD ANALYTICAL RESULT REPORT
TOTAL PETROLEUM HYDROCARBON ---- SITE 18 ---- VALIDATD DATA

Lab Sample Number:	22488002			22488003			22489001			22489002		
Site	WHITING			WHITING			WHITING			WHITING		
Locator	18-SL-08			18-SL-09			18-SL-10			18-SL-10A		
Collect Date:	13-AUG-92			13-AUG-92			13-AUG-92			13-AUG-92		
	VALUE	QUAL UNITS	DL	VALUE	QUAL UNITS	DL	VALUE	QUAL UNITS	DL	VALUE	QUAL UNITS	DL
TOTAL PETROLEUM HYDROCARBON	4.6	mg/kg		120	mg/kg		6210	mg/kg		4820	mg/kg	

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WHITING FIELD ANALYTICAL RESULT REPORT
TOTAL PETROLEUM HYDROCARBON ---- SITE 18 ---- VALIDATD DATA

Lab Sample Number:	22488004				22488005				22488006				22488008	
Site	WHITING				WHITING				WHITING				WHITING	
Locator	18-SL-11				18-SL-12				18-SL-13				18-SL-14	
Collect Date:	13-AUG-92				13-AUG-92				13-AUG-92				13-AUG-92	
	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL
TOTAL PETROLEUM HYDROCARBON	56.6		mg/kg		1.8	U	mg/kg	1.8	55.7		mg/kg		1.8	U	mg/kg	1.8

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WHITING FIELD ANALYTICAL RESULT REPORT
TOTAL PETROLEUM HYDROCARBON ---- SITE 18 ---- VALIDATD DATA

Lab Sample Number:	22488009			22488010			22488011			22495001		
Site	WHITING			WHITING			WHITING			WHITING		
Locator	18-SL-15			18-SL-16			18-SL-17			18-SL-18		
Collect Date:	13-AUG-92			13-AUG-92			13-AUG-92			13-AUG-92		
	VALUE	QUAL UNITS	DL	VALUE	QUAL UNITS	DL	VALUE	QUAL UNITS	DL	VALUE	QUAL UNITS	DL
TOTAL PETROLEUM HYDROCARBON	23500	mg/kg		10600	mg/kg		7040	mg/kg		1350	mg/kg	

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R = RESULT IS REJECTED AND UNUSABLE

WHITING FIELD ANAL...ICAL RESULT REPORT
TOTAL PETROLEUM HYDROCARBON ---- SITE 18 ---- VALIDATD DATA

Lab Sample Number:		22495002				22495003				22495004				22495005	
Site		WHITING				WHITING				WHITING				WHITING	
Locator		18-SL-19				18-SL-20				18-SL-21				18-SL-22	
Collect Date:		13-AUG-92				13-AUG-92				13-AUG-92				13-AUG-92	
	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL
TOTAL PETROLEUM HYDROCARBON	389		mg/kg		1.9	U	mg/kg	1.9	2.9		mg/kg		54.8		mg/kg	

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WHITING FIELD ANALYTICAL RESULT REPORT

TOTAL PETROLEUM HYDROCARBON ---- SITE 18 ---- VALIDATD DATA

Lab Sample Number:	22489003			22489004			22495006			22495007		
Site	WHITING			WHITING			WHITING			WHITING		
Locator	18-SL-23			18-SL-23A			18-SL-24			18-SL-25		
Collect Date:	13-AUG-92			13-AUG-92			13-AUG-92			13-AUG-92		
	VALUE	QUAL UNITS	DL	VALUE	QUAL UNITS	DL	VALUE	QUAL UNITS	DL	VALUE	QUAL UNITS	DL
TOTAL PETROLEUM HYDROCARBON	18800	mg/kg		17800	mg/kg		113	mg/kg		9950	mg/kg	

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WHITING FIELD ANAL..ICAL RESULT REPORT
TOTAL PETROLEUM HYDROCARBON ---- SITE 18 ---- VALIDATD DATA

Lab Sample Number:		22495008			22495009			22495010			22495011			
Site		WHITING			WHITING			WHITING			WHITING			
Locator		18-SL-26			18-SL-27			18-SL-28			18-SL-29			
Collect Date:		13-AUG-92			13-AUG-92			13-AUG-92			13-AUG-92			
	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL
TOTAL PETROLEUM HYDROCARBON	58.6		mg/kg		20500		mg/kg		1.8	U	mg/kg	1.8	8770		mg/kg	

U = NOT DETECTED J = ESTIMATED VALUE
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P = SULT IS REJECTED AND UNUSABLE

WHITING FIELD ANALYTICAL RESULT REPORT
TOTAL PETROLEUM HYDROCARBON ---- SITE 18 ---- VALIDATD DATA

Lab Sample Number:		22495012			22507005			22507006			22506002			
Site		WHITING			WHITING			WHITING			WHITING			
Locator		18-SL-30			18-SL-05			18-SL-06			18-SL-31			
Collect Date:		13-AUG-92			14-AUG-92			14-AUG-92			14-AUG-92			
	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL
TOTAL PETROLEUM HYDROCARBON	2170		mg/kg		16.7		mg/kg		7410		mg/kg		9190		mg/kg	

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WHITING FIELD ANAL...ICAL RESULT REPORT
TOTAL PETROLEUM HYDROCARBON ---- SITE 18 ---- VALIDATD DATA

Lab Sample Number:		22507003			22506003			22506004			22506005			
Site		WHITING			WHITING			WHITING			WHITING			
Locator		18-SL-31A			18-SL-32			18-SL-33			18-SL-34			
Collect Date:		14-AUG-92			14-AUG-92			14-AUG-92			14-AUG-92			
	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL
TOTAL PETROLEUM HYDROCARBON	11300		mg/kg		15600		mg/kg		17400		mg/kg		14100		mg/kg	

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R ...ULT IS REJECTED AND UNUSABLE

WHITING FIELD ANAL..ICAL RESULT REPORT
TOTAL PETROLEUM HYDROCARBON ---- SITE 18 ---- VALIDATD DATA

Lab Sample Number:	22506006			22506007			22506008			22507001		
Site	WHITING			WHITING			WHITING			WHITING		
Locator	18-SL-35			18-SL-36			18-SL-37			18-SL-37A		
Collect Date:	14-AUG-92			14-AUG-92			14-AUG-92			14-AUG-92		
	VALUE	QUAL UNITS	DL	VALUE	QUAL UNITS	DL	VALUE	QUAL UNITS	DL	VALUE	QUAL UNITS	DL
TOTAL PETROLEUM HYDROCARBON	806	mg/kg		16300	mg/kg		16000	mg/kg		19300	mg/kg	

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WHITING FIELD ANAL...ICAL RESULT REPORT
TOTAL PETROLEUM HYDROCARBON ---- SITE 18 ---- VALIDATD DATA

Lab Sample Number:	22506009				22506010				22506P10				22506M10			
Site	WHITING				WHITING				WHITING				WHITING			
Locator	18-SL-38				18-SL-39				18-SL-39 DUP				18-SL-39 MS			
Collect Date:	14-AUG-92				14-AUG-92				14-AUG-92				14-AUG-92			
	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL
TOTAL PETROLEUM HYDROCARBON	1.8	U	mg/kg	1.8	1.8	U	mg/kg	1.8	1.8	U	mg/kg	1.8	1.8	U	mg/kg	1.8

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UJ - ...PORTED QUANTITATION LIMIT IS QUALIFIED AS ESTIMATED
R ...ULT IS REJECTED AND UNUSABLE

WHITING FIELD ANAL..ICAL RESULT REPORT
TOTAL PETROLEUM HYDROCARBON ---- SITE 18 ---- VALIDATD DATA

Lab Sample Number:		22506011			22507002			22507007				22507008			
Site		WHITING			WHITING			WHITING				WHITING			
Locator		18-SL-40			18-SL-41			18-SL-42				18-SL-43			
Collect Date:		14-AUG-92			14-AUG-92			14-AUG-92				14-AUG-92			
	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL
TOTAL PETROLEUM HYDROCARBON	4.9		mg/kg		8.3		mg/kg		1.8	U	mg/kg	1.8	67.7		mg/kg	

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WHITING FIELD ANAL...ICAL RESULT REPORT
TOTAL PETROLEUM HYDROCARBON ---- SITE 18 ---- VALIDATD DATA

Lab Sample Number:	22507009				22507010				22507011				22507012		
Site	WHITING				WHITING				WHITING				WHITING		
Locator	18-SL-44				18-SL-45				18-SL-46				18-SL-47		
Collect Date:	14-AUG-92				14-AUG-92				14-AUG-92				14-AUG-92		
	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL
TOTAL PETROLEUM HYDROCARBON	842		mg/kg		19.8		mg/kg		15.8		mg/kg		1.8	U	mg/kg	1.8

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SITE 31

WHITING FIELD ANALYTICAL RESULT REPORT
VOLATILE ORGANICS ---- SITE 31 ---- VALIDATD DATA

Lab Sample Number:	22515001				22515M01				22515D01				22515001R			
Site	WHITING				WHITING				WHITING				WHITING			
Locator	31-SL-01				31-SL-01RMS				31-SL-01RMSD				31-SL-01_R			
Collect Date:	17-AUG-92				17-AUG-92				17-AUG-92				17-AUG-92			
	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL
CLP VOLATILES 87-SOW																
Chloromethane	11	U	ug/kg	11	11	U	ug/kg	11	11	U	ug/kg	11	11	UJ	ug/kg	11
Bromomethane	11	U	ug/kg	11	11	U	ug/kg	11	11	U	ug/kg	11	11	UJ	ug/kg	11
Vinyl chloride	11	U	ug/kg	11	11	U	ug/kg	11	11	U	ug/kg	11	11	UJ	ug/kg	11
Chloroethane	11	U	ug/kg	11	11	U	ug/kg	11	11	U	ug/kg	11	11	UJ	ug/kg	11
Methylene chloride	46	UJ	ug/kg	6	57		ug/kg	6	70		ug/kg	6	42	UJ	ug/kg	6
Acetone	11	UJ	ug/kg	11	11	U	ug/kg	11	11	U	ug/kg	11	19	UJ	ug/kg	11
Carbon disulfide	6	U	ug/kg	6	2	J	ug/kg	6	6	U	ug/kg	6	1	J	ug/kg	6
1,1-Dichloroethene	6	U	ug/kg	6	6	U	ug/kg	6	6	U	ug/kg	6	6	UJ	ug/kg	6
1,1-Dichloroethane	6	U	ug/kg	6	6	U	ug/kg	6	6	U	ug/kg	6	6	UJ	ug/kg	6
1,2-Dichloroethene (total)	6	U	ug/kg	6	6	U	ug/kg	6	6	U	ug/kg	6	6	UJ	ug/kg	6
Chloroform	6	U	ug/kg	6	6	U	ug/kg	6	6	U	ug/kg	6	6	UJ	ug/kg	6
1,2-Dichloroethane	6	U	ug/kg	6	6	U	ug/kg	6	6	U	ug/kg	6	6	UJ	ug/kg	6
2-Butanone	11	UJ	ug/kg	11	11	U	ug/kg	11	11	U	ug/kg	11	11	UJ	ug/kg	11
1,1,1-Trichloroethane	6	UJ	ug/kg	6	6	U	ug/kg	6	6	U	ug/kg	6	6	UJ	ug/kg	6
Carbon tetrachloride	6	UJ	ug/kg	6	6	U	ug/kg	6	6	U	ug/kg	6	6	UJ	ug/kg	6
Vinyl acetate	11	UJ	ug/kg	11	11	U	ug/kg	11	11	U	ug/kg	11	11	UJ	ug/kg	11
Bromodichloromethane	6	UJ	ug/kg	6	6	U	ug/kg	6	6	U	ug/kg	6	6	UJ	ug/kg	6
1,2-Dichloropropane	6	UJ	ug/kg	6	6	U	ug/kg	6	6	U	ug/kg	6	6	UJ	ug/kg	6
cis-1,3-Dichloropropene	6	UJ	ug/kg	6	6	U	ug/kg	6	6	U	ug/kg	6	6	UJ	ug/kg	6
Trichloroethene	6	UJ	ug/kg	6	6	U	ug/kg	6	6	U	ug/kg	6	6	UJ	ug/kg	6
Dibromochloromethane	6	UJ	ug/kg	6	6	U	ug/kg	6	6	U	ug/kg	6	6	UJ	ug/kg	6
1,1,2-Trichloroethane	6	UJ	ug/kg	6	6	U	ug/kg	6	6	U	ug/kg	6	6	UJ	ug/kg	6
Benzene	6	UJ	ug/kg	6	6	U	ug/kg	6	6	U	ug/kg	6	6	UJ	ug/kg	6
trans-1,3-Dichloropropene	6	UJ	ug/kg	6	6	U	ug/kg	6	6	U	ug/kg	6	6	UJ	ug/kg	6
Bromoform	6	UJ	ug/kg	6	6	U	ug/kg	6	6	U	ug/kg	6	6	UJ	ug/kg	6
2-Hexanone	11	UJ	ug/kg	11	11	U	ug/kg	11	11	U	ug/kg	11	11	UJ	ug/kg	11
4-Methyl-2-pentanone	11	UJ	ug/kg	11	11	U	ug/kg	11	11	U	ug/kg	11	11	UJ	ug/kg	11
Tetrachloroethene	6	UJ	ug/kg	6	6	U	ug/kg	6	6	U	ug/kg	6	6	UJ	ug/kg	6
1,1,2,2-Tetrachloroethane	6	UJ	ug/kg	6	6	U	ug/kg	6	6	U	ug/kg	6	6	UJ	ug/kg	6
Toluene	6	UJ	ug/kg	6	6	U	ug/kg	6	6	U	ug/kg	6	6	UJ	ug/kg	6
Chlorobenzene	6	UJ	ug/kg	6	6	U	ug/kg	6	6	U	ug/kg	6	6	UJ	ug/kg	6
Ethylbenzene	6	UJ	ug/kg	6	6	U	ug/kg	6	6	U	ug/kg	6	6	UJ	ug/kg	6
Styrene	6	UJ	ug/kg	6	6	U	ug/kg	6	6	U	ug/kg	6	6	UJ	ug/kg	6
Xylenes (total)	6	UJ	ug/kg	6	6	U	ug/kg	6	6	U	ug/kg	6	6	UJ	ug/kg	6

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WHITING FIELD ANALYTICAL RESULT REPORT
VOLATILE ORGANICS ---- SITE 31 ---- VALIDATD DATA

	22515004				22515003				22515005				22515007			
Lab Sample Number:																
Site	WHITING				WHITING				WHITING				WHITING			
Locator	31-SL-03				31-SL-04				31-SL-05				31-SL-07			
Collect Date:	17-AUG-92				17-AUG-92				17-AUG-92				17-AUG-92			
	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL
CLP VOLATILES 87-SOW																
Chloromethane	11	U	ug/kg	11	11	U	ug/kg	11	11	U	ug/kg	11	11	U	ug/kg	11
Bromomethane	11	U	ug/kg	11	11	U	ug/kg	11	11	U	ug/kg	11	11	U	ug/kg	11
Vinyl chloride	11	U	ug/kg	11	11	U	ug/kg	11	11	U	ug/kg	11	11	U	ug/kg	11
Chloroethane	11	U	ug/kg	11	11	U	ug/kg	11	11	U	ug/kg	11	11	U	ug/kg	11
Methylene chloride	10	UJ	ug/kg	5	16	UJ	ug/kg	5	18	UJ	ug/kg	5	16	UJ	ug/kg	5
Acetone	11	UJ	ug/kg	11	11	UJ	ug/kg	11	11	UJ	ug/kg	11	11	UJ	ug/kg	11
Carbon disulfide	5	U	ug/kg	5	5	U	ug/kg	5	5	U	ug/kg	5	5	U	ug/kg	5
1,1-Dichloroethene	5	U	ug/kg	5	5	U	ug/kg	5	5	U	ug/kg	5	5	U	ug/kg	5
1,1-Dichloroethane	5	U	ug/kg	5	5	U	ug/kg	5	5	U	ug/kg	5	5	U	ug/kg	5
1,2-Dichloroethene (total)	5	U	ug/kg	5	5	U	ug/kg	5	5	U	ug/kg	5	5	U	ug/kg	5
Chloroform	5	U	ug/kg	5	5	U	ug/kg	5	5	U	ug/kg	5	5	U	ug/kg	5
1,2-Dichloroethane	5	U	ug/kg	5	5	U	ug/kg	5	5	U	ug/kg	5	5	U	ug/kg	5
2-Butanone	11	UJ	ug/kg	11	11	UJ	ug/kg	11	11	UJ	ug/kg	11	11	UJ	ug/kg	11
1,1,1-Trichloroethane	5	U	ug/kg	5	5	U	ug/kg	5	5	U	ug/kg	5	5	U	ug/kg	5
Carbon tetrachloride	5	U	ug/kg	5	5	U	ug/kg	5	5	U	ug/kg	5	5	U	ug/kg	5
Vinyl acetate	11	U	ug/kg	11	11	U	ug/kg	11	11	U	ug/kg	11	11	U	ug/kg	11
Bromodichloromethane	5	U	ug/kg	5	5	U	ug/kg	5	5	U	ug/kg	5	5	U	ug/kg	5
1,2-Dichloropropane	5	U	ug/kg	5	5	U	ug/kg	5	5	U	ug/kg	5	5	U	ug/kg	5
cis-1,3-Dichloropropene	5	U	ug/kg	5	5	U	ug/kg	5	5	U	ug/kg	5	5	U	ug/kg	5
Trichloroethene	5	U	ug/kg	5	5	U	ug/kg	5	5	U	ug/kg	5	5	U	ug/kg	5
Dibromochloromethane	5	U	ug/kg	5	5	U	ug/kg	5	5	U	ug/kg	5	5	U	ug/kg	5
1,1,2-Trichloroethane	5	U	ug/kg	5	5	U	ug/kg	5	5	U	ug/kg	5	5	U	ug/kg	5
Benzene	5	U	ug/kg	5	5	U	ug/kg	5	5	U	ug/kg	5	5	U	ug/kg	5
trans-1,3-Dichloropropene	5	U	ug/kg	5	5	U	ug/kg	5	5	U	ug/kg	5	5	U	ug/kg	5
Bromoform	5	U	ug/kg	5	5	U	ug/kg	5	5	U	ug/kg	5	5	U	ug/kg	5
2-Hexanone	11	UJ	ug/kg	11	11	UJ	ug/kg	11	11	UJ	ug/kg	11	11	UJ	ug/kg	11
4-Methyl-2-pentanone	11	UJ	ug/kg	11	11	UJ	ug/kg	11	11	UJ	ug/kg	11	11	UJ	ug/kg	11
Tetrachloroethene	5	U	ug/kg	5	5	U	ug/kg	5	5	U	ug/kg	5	5	U	ug/kg	5
1,1,2,2-Tetrachloroethane	5	UJ	ug/kg	5	5	UJ	ug/kg	5	5	UJ	ug/kg	5	5	UJ	ug/kg	5
Toluene	5	U	ug/kg	5	5	U	ug/kg	5	5	U	ug/kg	5	5	U	ug/kg	5
Chlorobenzene	5	U	ug/kg	5	5	U	ug/kg	5	5	U	ug/kg	5	5	U	ug/kg	5
Ethylbenzene	5	U	ug/kg	5	5	U	ug/kg	5	5	U	ug/kg	5	5	U	ug/kg	5
Styrene	5	U	ug/kg	5	5	U	ug/kg	5	5	U	ug/kg	5	5	U	ug/kg	5
Xylenes (total)	5	U	ug/kg	5	2	J	ug/kg	5	5	U	ug/kg	5	2	J	ug/kg	5

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WHITING FIELD ANALYTICAL RESULT REPORT
VOLATILE ORGANICS ---- SITE 31 ---- VALIDATD DATA

Lab Sample Number:	22515008				22515009				22515011				22515012			
Site	WHITING				WHITING				WHITING				WHITING			
Locator	31-SL-07A				31-SL-08				31-SL-09				31-SL-10			
Collect Date:	17-AUG-92				17-AUG-92				17-AUG-92				17-AUG-92			
	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL
CLP VOLATILES 87-SOW																
Chloromethane	11	U	ug/kg	11	11	U	ug/kg	11	11	U	ug/kg	11	11	U	ug/kg	11
Bromomethane	11	U	ug/kg	11	11	U	ug/kg	11	11	U	ug/kg	11	11	U	ug/kg	11
Vinyl chloride	11	U	ug/kg	11	11	U	ug/kg	11	11	U	ug/kg	11	11	U	ug/kg	11
Chloroethane	11	U	ug/kg	11	11	U	ug/kg	11	11	U	ug/kg	11	11	U	ug/kg	11
Methylene chloride	18	UJ	ug/kg	5	45	UJ	ug/kg	5	16	UJ	ug/kg	5	25	UJ	ug/kg	6
Acetone	11	UJ	ug/kg	11	11	UJ	ug/kg	11	11	UJ	ug/kg	11	11	UJ	ug/kg	11
Carbon disulfide	5	U	ug/kg	5	5	U	ug/kg	5	5	U	ug/kg	5	6	U	ug/kg	6
1,1-Dichloroethene	5	U	ug/kg	5	5	U	ug/kg	5	5	U	ug/kg	5	6	U	ug/kg	6
1,1-Dichloroethane	5	U	ug/kg	5	5	U	ug/kg	5	5	U	ug/kg	5	6	U	ug/kg	6
1,2-Dichloroethene (total)	5	U	ug/kg	5	5	U	ug/kg	5	5	U	ug/kg	5	6	U	ug/kg	6
Chloroform	5	U	ug/kg	5	5	U	ug/kg	5	5	U	ug/kg	5	6	U	ug/kg	6
1,2-Dichloroethane	5	U	ug/kg	5	5	U	ug/kg	5	5	U	ug/kg	5	6	U	ug/kg	6
2-Butanone	11	UJ	ug/kg	11	11	UJ	ug/kg	11	11	UJ	ug/kg	11	11	UJ	ug/kg	11
1,1,1-Trichloroethane	5	U	ug/kg	5	5	U	ug/kg	5	5	U	ug/kg	5	6	U	ug/kg	6
Carbon tetrachloride	5	U	ug/kg	5	5	U	ug/kg	5	5	U	ug/kg	5	6	U	ug/kg	6
Vinyl acetate	11	U	ug/kg	11	11	U	ug/kg	11	11	U	ug/kg	11	11	U	ug/kg	11
Bromodichloromethane	5	U	ug/kg	5	5	U	ug/kg	5	5	U	ug/kg	5	6	U	ug/kg	6
1,2-Dichloropropane	5	U	ug/kg	5	5	U	ug/kg	5	5	U	ug/kg	5	6	U	ug/kg	6
cis-1,3-Dichloropropene	5	U	ug/kg	5	5	U	ug/kg	5	5	U	ug/kg	5	6	U	ug/kg	6
Trichloroethene	5	U	ug/kg	5	5	U	ug/kg	5	5	U	ug/kg	5	6	U	ug/kg	6
Dibromochloromethane	5	U	ug/kg	5	5	U	ug/kg	5	5	U	ug/kg	5	6	U	ug/kg	6
1,1,2-Trichloroethane	5	U	ug/kg	5	5	U	ug/kg	5	5	U	ug/kg	5	6	U	ug/kg	6
Benzene	5	U	ug/kg	5	5	U	ug/kg	5	5	U	ug/kg	5	6	U	ug/kg	6
trans-1,3-Dichloropropene	5	U	ug/kg	5	5	U	ug/kg	5	5	U	ug/kg	5	6	U	ug/kg	6
Bromoform	5	U	ug/kg	5	5	U	ug/kg	5	5	U	ug/kg	5	6	U	ug/kg	6
2-Hexanone	11	UJ	ug/kg	11	11	UJ	ug/kg	11	11	UJ	ug/kg	11	11	UJ	ug/kg	11
4-Methyl-2-pentanone	11	UJ	ug/kg	11	11	UJ	ug/kg	11	11	UJ	ug/kg	11	11	UJ	ug/kg	11
Tetrachloroethene	5	U	ug/kg	5	5	U	ug/kg	5	5	U	ug/kg	5	6	U	ug/kg	6
1,1,2,2-Tetrachloroethane	5	UJ	ug/kg	5	5	UJ	ug/kg	5	5	UJ	ug/kg	5	6	UJ	ug/kg	6
Toluene	5	U	ug/kg	5	5	U	ug/kg	5	5	U	ug/kg	5	6	U	ug/kg	6
Chlorobenzene	5	U	ug/kg	5	5	U	ug/kg	5	5	U	ug/kg	5	6	U	ug/kg	6
Ethylbenzene	5	U	ug/kg	5	5	U	ug/kg	5	5	U	ug/kg	5	6	U	ug/kg	6
Styrene	5	U	ug/kg	5	5	U	ug/kg	5	5	U	ug/kg	5	6	U	ug/kg	6
Xylenes (total)	2	J	ug/kg	5	2	J	ug/kg	5	4	J	ug/kg	5	6	U	ug/kg	6

U = NOT DETECTED J = ESTIMATED VALUE
UJ = REPORTED QUANTITATION LIMIT IS QUALIFIED AS ESTIMATED
R = RESULT IS REJECTED AND UNUSABLE

WHITING FIELD ANALYTICAL RESULT REPORT
VOLATILE ORGANICS ---- SITE 31 ---- VALIDATD DATA

Lab Sample Number:	22515013				22515014				22515014R				22515015			
Site	WHITING				WHITING				WHITING				WHITING			
Locator	31-SL-11				31-SL-12				31-SL-12_R				31-SL-13			
Collect Date:	17-AUG-92				17-AUG-92				17-AUG-92				17-AUG-92			
	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL
CLP VOLATILES 87-SOW																
Chloromethane	11	U	ug/kg	11	14	UJ	ug/kg	14	14	UJ	ug/kg	14	11	UJ	ug/kg	11
Bromomethane	11	U	ug/kg	11	14	UJ	ug/kg	14	14	UJ	ug/kg	14	11	UJ	ug/kg	11
Vinyl chloride	11	U	ug/kg	11	14	UJ	ug/kg	14	14	UJ	ug/kg	14	11	UJ	ug/kg	11
Chloroethane	11	U	ug/kg	11	14	UJ	ug/kg	14	14	UJ	ug/kg	14	11	UJ	ug/kg	11
Methylene chloride	13	UJ	ug/kg	6	160	J	ug/kg	7	130	UJ	ug/kg	7	120	J	ug/kg	6
Acetone	11	UJ	ug/kg	11	16	UJ	ug/kg	14	14	J	ug/kg	14	11	UJ	ug/kg	11
Carbon disulfide	6	U	ug/kg	6	6	J	ug/kg	7	22	J	ug/kg	7	3	J	ug/kg	6
1,1-Dichloroethene	6	U	ug/kg	6	7	UJ	ug/kg	7	7	UJ	ug/kg	7	6	UJ	ug/kg	6
1,1-Dichloroethane	6	U	ug/kg	6	7	UJ	ug/kg	7	7	UJ	ug/kg	7	6	UJ	ug/kg	6
1,2-Dichloroethene (total)	6	U	ug/kg	6	7	UJ	ug/kg	7	7	UJ	ug/kg	7	6	UJ	ug/kg	6
Chloroform	6	U	ug/kg	6	7	UJ	ug/kg	7	7	UJ	ug/kg	7	6	UJ	ug/kg	6
1,2-Dichloroethane	6	U	ug/kg	6	7	UJ	ug/kg	7	7	UJ	ug/kg	7	6	UJ	ug/kg	6
2-Butanone	11	UJ	ug/kg	11	14	UJ	ug/kg	14	14	UJ	ug/kg	14	11	UJ	ug/kg	11
1,1,1-Trichloroethane	6	U	ug/kg	6	7	UJ	ug/kg	7	7	UJ	ug/kg	7	6	UJ	ug/kg	6
Carbon tetrachloride	6	U	ug/kg	6	7	UJ	ug/kg	7	7	UJ	ug/kg	7	6	UJ	ug/kg	6
Vinyl acetate	11	U	ug/kg	11	14	UJ	ug/kg	14	14	UJ	ug/kg	14	11	UJ	ug/kg	11
Bromodichloromethane	6	U	ug/kg	6	7	UJ	ug/kg	7	7	UJ	ug/kg	7	6	UJ	ug/kg	6
1,2-Dichloropropane	6	U	ug/kg	6	7	UJ	ug/kg	7	7	UJ	ug/kg	7	6	UJ	ug/kg	6
cis-1,3-Dichloropropene	6	U	ug/kg	6	7	UJ	ug/kg	7	7	UJ	ug/kg	7	6	UJ	ug/kg	6
Trichloroethene	6	U	ug/kg	6	7	UJ	ug/kg	7	7	UJ	ug/kg	7	6	UJ	ug/kg	6
Dibromochloromethane	6	U	ug/kg	6	7	UJ	ug/kg	7	7	UJ	ug/kg	7	6	UJ	ug/kg	6
1,1,2-Trichloroethane	6	U	ug/kg	6	7	UJ	ug/kg	7	7	UJ	ug/kg	7	6	UJ	ug/kg	6
Benzene	6	U	ug/kg	6	7	UJ	ug/kg	7	7	UJ	ug/kg	7	6	UJ	ug/kg	6
trans-1,3-Dichloropropene	6	U	ug/kg	6	7	UJ	ug/kg	7	7	UJ	ug/kg	7	6	UJ	ug/kg	6
Bromoform	6	U	ug/kg	6	7	UJ	ug/kg	7	7	UJ	ug/kg	7	6	UJ	ug/kg	6
2-Hexanone	11	UJ	ug/kg	11	14	UJ	ug/kg	14	14	UJ	ug/kg	14	11	UJ	ug/kg	11
4-Methyl-2-pentanone	11	UJ	ug/kg	11	14	UJ	ug/kg	14	14	UJ	ug/kg	14	11	UJ	ug/kg	11
Tetrachloroethene	6	U	ug/kg	6	7	UJ	ug/kg	7	7	UJ	ug/kg	7	6	UJ	ug/kg	6
1,1,2,2-Tetrachloroethane	6	UJ	ug/kg	6	7	UJ	ug/kg	7	7	UJ	ug/kg	7	6	UJ	ug/kg	6
Toluene	6	U	ug/kg	6	7	UJ	ug/kg	7	7	UJ	ug/kg	7	6	UJ	ug/kg	6
Chlorobenzene	6	U	ug/kg	6	7	UJ	ug/kg	7	7	UJ	ug/kg	7	6	UJ	ug/kg	6
Ethylbenzene	6	U	ug/kg	6	7	UJ	ug/kg	7	7	UJ	ug/kg	7	6	UJ	ug/kg	6
Styrene	6	U	ug/kg	6	7	UJ	ug/kg	7	7	UJ	ug/kg	7	6	UJ	ug/kg	6
Xylenes (total)	2	J	ug/kg	6	4	J	ug/kg	7	8	J	ug/kg	7	4	J	ug/kg	6

U = NOT DETECTED J = ESTIMATED VALUE
UJ = REPORTED QUANTITATION LIMIT IS QUALIFIED AS ESTIMATED
R = RESULT IS REJECTED AND UNUSABLE

WHITING FIELD ANALYTICAL RESULT REPORT
VOLATILE ORGANICS ---- SITE 31 ---- VALIDATD DATA

	22515015R				22515016				22515016R				22515017			
Lab Sample Number:																
Site	WHITING				WHITING				WHITING				WHITING			
Locator	31-SL-13_R				31-SL-14				31-SL-14_R				31-SL-15			
Collect Date:	17-AUG-92				17-AUG-92				17-AUG-92				17-AUG-92			
	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL
CLP VOLATILES 87-SOW																
Chloromethane	11	UJ	ug/kg	11	15	U	ug/kg	15	15	UJ	ug/kg	15	14	UJ	ug/kg	14
Bromomethane	11	UJ	ug/kg	11	15	U	ug/kg	15	15	UJ	ug/kg	15	14	UJ	ug/kg	14
Vinyl chloride	11	UJ	ug/kg	11	15	U	ug/kg	15	15	UJ	ug/kg	15	14	UJ	ug/kg	14
Chloroethane	11	UJ	ug/kg	11	15	U	ug/kg	15	15	UJ	ug/kg	15	14	UJ	ug/kg	14
Methylene chloride	120	J	ug/kg	6	240	J	ug/kg	7	710	J	ug/kg	7	160	J	ug/kg	7
Acetone	11	UJ	ug/kg	11	15	UJ	ug/kg	15	15	UJ	ug/kg	15	14	UJ	ug/kg	14
Carbon disulfide	3	J	ug/kg	6	8		ug/kg	7	19	J	ug/kg	7	39	J	ug/kg	7
1,1-Dichloroethene	6	UJ	ug/kg	6	7	U	ug/kg	7	7	UJ	ug/kg	7	7	UJ	ug/kg	7
1,1-Dichloroethane	6	UJ	ug/kg	6	7	U	ug/kg	7	7	UJ	ug/kg	7	7	UJ	ug/kg	7
1,2-Dichloroethene (total)	6	UJ	ug/kg	6	7	U	ug/kg	7	7	UJ	ug/kg	7	7	UJ	ug/kg	7
Chloroform	6	UJ	ug/kg	6	7	U	ug/kg	7	7	UJ	ug/kg	7	7	UJ	ug/kg	7
1,2-Dichloroethane	6	UJ	ug/kg	6	7	U	ug/kg	7	7	UJ	ug/kg	7	7	UJ	ug/kg	7
2-Butanone	11	UJ	ug/kg	11	15	UJ	ug/kg	15	15	UJ	ug/kg	15	14	UJ	ug/kg	14
1,1,1-Trichloroethane	6	UJ	ug/kg	6	7	UJ	ug/kg	7	7	UJ	ug/kg	7	7	UJ	ug/kg	7
Carbon tetrachloride	6	UJ	ug/kg	6	7	UJ	ug/kg	7	7	UJ	ug/kg	7	7	UJ	ug/kg	7
Vinyl acetate	11	UJ	ug/kg	11	15	UJ	ug/kg	15	15	UJ	ug/kg	15	14	UJ	ug/kg	14
Bromodichloromethane	6	UJ	ug/kg	6	7	UJ	ug/kg	7	7	UJ	ug/kg	7	7	UJ	ug/kg	7
1,2-Dichloropropane	6	UJ	ug/kg	6	7	UJ	ug/kg	7	7	UJ	ug/kg	7	7	UJ	ug/kg	7
cis-1,3-Dichloropropene	6	UJ	ug/kg	6	7	UJ	ug/kg	7	7	UJ	ug/kg	7	7	UJ	ug/kg	7
Trichloroethene	6	UJ	ug/kg	6	7	UJ	ug/kg	7	7	UJ	ug/kg	7	7	UJ	ug/kg	7
Dibromochloromethane	6	UJ	ug/kg	6	7	UJ	ug/kg	7	7	UJ	ug/kg	7	7	UJ	ug/kg	7
1,1,2-Trichloroethane	6	UJ	ug/kg	6	7	UJ	ug/kg	7	7	UJ	ug/kg	7	7	UJ	ug/kg	7
Benzene	6	UJ	ug/kg	6	7	UJ	ug/kg	7	7	UJ	ug/kg	7	7	UJ	ug/kg	7
trans-1,3-Dichloropropene	6	UJ	ug/kg	6	7	UJ	ug/kg	7	7	UJ	ug/kg	7	7	UJ	ug/kg	7
Bromoform	6	UJ	ug/kg	6	7	UJ	ug/kg	7	7	UJ	ug/kg	7	7	UJ	ug/kg	7
2-Hexanone	11	UJ	ug/kg	11	15	UJ	ug/kg	15	15	UJ	ug/kg	15	14	UJ	ug/kg	14
4-Methyl-2-pentanone	11	UJ	ug/kg	11	15	UJ	ug/kg	15	15	UJ	ug/kg	15	14	UJ	ug/kg	14
Tetrachloroethene	6	UJ	ug/kg	6	7	UJ	ug/kg	7	7	UJ	ug/kg	7	7	UJ	ug/kg	7
1,1,2,2-Tetrachloroethane	6	UJ	ug/kg	6	7	UJ	ug/kg	7	7	UJ	ug/kg	7	7	UJ	ug/kg	7
Toluene	6	UJ	ug/kg	6	7	UJ	ug/kg	7	7	UJ	ug/kg	7	7	UJ	ug/kg	7
Chlorobenzene	6	UJ	ug/kg	6	7	UJ	ug/kg	7	7	UJ	ug/kg	7	7	UJ	ug/kg	7
Ethylbenzene	6	UJ	ug/kg	6	7	UJ	ug/kg	7	7	UJ	ug/kg	7	7	UJ	ug/kg	7
Styrene	6	UJ	ug/kg	6	7	UJ	ug/kg	7	7	UJ	ug/kg	7	7	UJ	ug/kg	7
Xylenes (total)	6	J	ug/kg	6	5	J	ug/kg	7	10	J	ug/kg	7	11	J	ug/kg	7

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R = RESULT IS REJECTED AND UNUSABLE

WHITING FIELD ANALYTICAL RESULT REPORT
VOLATILE ORGANICS ---- SITE 31 ---- VALIDATD DATA

Lab Sample Number:	22515017R				22527002				22527002R				22527003					
Site	WHITING				WHITING				WHITING				WHITING					
Locator	31-SL-15_R				31-SL-02				31-SL-02_R				31-SL-06					
Collect Date:	17-AUG-92				18-AUG-92				18-AUG-92				18-AUG-92					
	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL		
CLP VOLATILES 87-SOW																		
Chloromethane	14	UJ	ug/kg	14	11	UJ	ug/kg	11	11	U	ug/kg	11	11	U	ug/kg	11		
Bromomethane	14	UJ	ug/kg	14	11	UJ	ug/kg	11	11	U	ug/kg	11	11	U	ug/kg	11		
Vinyl chloride	14	UJ	ug/kg	14	11	UJ	ug/kg	11	11	U	ug/kg	11	11	U	ug/kg	11		
Chloroethane	14	UJ	ug/kg	14	11	UJ	ug/kg	11	11	U	ug/kg	11	11	U	ug/kg	11		
Methylene chloride	100	J	ug/kg	7	70	UJ	ug/kg	5	38	UJ	ug/kg	5	13	UJ	ug/kg	5		
Acetone	17	UJ	ug/kg	14	21	UJ	ug/kg	11	32	UJ	ug/kg	11	20	UJ	ug/kg	11		
Carbon disulfide	13	J	ug/kg	7	3	J	ug/kg	5	4	J	ug/kg	5	5	U	ug/kg	5		
1,1-Dichloroethene	7	UJ	ug/kg	7	5	UJ	ug/kg	5	5	U	ug/kg	5	5	U	ug/kg	5		
1,1-Dichloroethane	7	UJ	ug/kg	7	5	UJ	ug/kg	5	5	U	ug/kg	5	5	U	ug/kg	5		
1,2-Dichloroethene (total)	7	UJ	ug/kg	7	5	UJ	ug/kg	5	5	U	ug/kg	5	5	U	ug/kg	5		
Chloroform	7	UJ	ug/kg	7	5	UJ	ug/kg	5	5	U	ug/kg	5	5	U	ug/kg	5		
1,2-Dichloroethane	7	UJ	ug/kg	7	5	UJ	ug/kg	5	5	U	ug/kg	5	5	U	ug/kg	5		
2-Butanone	14	UJ	ug/kg	14	11	UJ	ug/kg	11	11	U	ug/kg	11	11	U	ug/kg	11		
1,1,1-Trichloroethane	7	UJ	ug/kg	7	5	UJ	ug/kg	5	5	UJ	ug/kg	5	5	U	ug/kg	5		
Carbon tetrachloride	7	UJ	ug/kg	7	5	UJ	ug/kg	5	5	UJ	ug/kg	5	5	U	ug/kg	5		
Vinyl acetate	14	UJ	ug/kg	14	11	UJ	ug/kg	11	11	UJ	ug/kg	11	11	U	ug/kg	11		
Bromodichloromethane	7	UJ	ug/kg	7	5	UJ	ug/kg	5	5	UJ	ug/kg	5	5	U	ug/kg	5		
1,2-Dichloropropane	7	UJ	ug/kg	7	5	UJ	ug/kg	5	5	UJ	ug/kg	5	5	U	ug/kg	5		
cis-1,3-Dichloropropene	7	UJ	ug/kg	7	5	UJ	ug/kg	5	5	UJ	ug/kg	5	5	U	ug/kg	5		
Trichloroethene	7	UJ	ug/kg	7	5	UJ	ug/kg	5	5	UJ	ug/kg	5	5	U	ug/kg	5		
Dibromochloromethane	7	UJ	ug/kg	7	5	UJ	ug/kg	5	5	UJ	ug/kg	5	5	U	ug/kg	5		
1,1,2-Trichloroethane	7	UJ	ug/kg	7	5	UJ	ug/kg	5	5	UJ	ug/kg	5	5	U	ug/kg	5		
Benzene	7	UJ	ug/kg	7	5	UJ	ug/kg	5	5	UJ	ug/kg	5	5	U	ug/kg	5		
trans-1,3-Dichloropropene	7	UJ	ug/kg	7	5	UJ	ug/kg	5	5	UJ	ug/kg	5	5	U	ug/kg	5		
Bromoform	7	UJ	ug/kg	7	5	UJ	ug/kg	5	5	UJ	ug/kg	5	5	U	ug/kg	5		
2-Hexanone	14	UJ	ug/kg	14	11	UJ	ug/kg	11	11	UJ	ug/kg	11	1	J	ug/kg	11		
4-Methyl-2-pentanone	14	UJ	ug/kg	14	11	UJ	ug/kg	11	11	UJ	ug/kg	11	11	U	ug/kg	11		
Tetrachloroethene	7	UJ	ug/kg	7	5	UJ	ug/kg	5	5	UJ	ug/kg	5	5	U	ug/kg	5		
1,1,2,2-Tetrachloroethane	7	UJ	ug/kg	7	5	UJ	ug/kg	5	5	UJ	ug/kg	5	5	U	ug/kg	5		
Toluene	7	UJ	ug/kg	7	5	UJ	ug/kg	5	5	UJ	ug/kg	5	5	U	ug/kg	5		
Chlorobenzene	7	UJ	ug/kg	7	5	UJ	ug/kg	5	5	UJ	ug/kg	5	5	U	ug/kg	5		
Ethylbenzene	7	UJ	ug/kg	7	5	UJ	ug/kg	5	5	UJ	ug/kg	5	5	U	ug/kg	5		
Styrene	7	UJ	ug/kg	7	5	UJ	ug/kg	5	5	UJ	ug/kg	5	5	U	ug/kg	5		
Xylenes (total)	9	J	ug/kg	7	3	J	ug/kg	5	4	J	ug/kg	5	3	J	ug/kg	5		

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UJ = REPORTED QUANTITATION LIMIT IS QUALIFIED AS ESTIMATED
R = RESULT IS REJECTED AND UNUSABLE

WHITING FIELD ANALYTICAL RESULT REPORT
VOLATILE ORGANICS ---- SITE 31 ---- VALIDATD DATA

	22527004				22527005				22527006				22527007			
Lab Sample Number:																
Site	WHITING				WHITING				WHITING				WHITING			
Locator	31-SL-16				31-SL-17				31-SL-18				31-SL-19			
Collect Date:	18-AUG-92				18-AUG-92				18-AUG-92				18-AUG-92			
	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL
CLP VOLATILES 87-SOW																
Chloromethane	11	U	ug/kg	11	10	U	ug/kg	10	10	U	ug/kg	10	11	U	ug/kg	11
Bromomethane	11	U	ug/kg	11	10	U	ug/kg	10	10	U	ug/kg	10	11	U	ug/kg	11
Vinyl chloride	11	U	ug/kg	11	10	U	ug/kg	10	10	U	ug/kg	10	11	U	ug/kg	11
Chloroethane	11	U	ug/kg	11	10	U	ug/kg	10	10	U	ug/kg	10	11	U	ug/kg	11
Methylene chloride	21	UJ	ug/kg	5	13	UJ	ug/kg	5	12	UJ	ug/kg	5	18	UJ	ug/kg	5
Acetone	27	UJ	ug/kg	11	22	UJ	ug/kg	10	18	UJ	ug/kg	10	24	UJ	ug/kg	11
Carbon disulfide	5	U	ug/kg	5	5	U	ug/kg	5	5	U	ug/kg	5	5	U	ug/kg	5
1,1-Dichloroethene	5	U	ug/kg	5	5	U	ug/kg	5	5	U	ug/kg	5	5	U	ug/kg	5
1,1-Dichloroethane	5	U	ug/kg	5	5	U	ug/kg	5	5	U	ug/kg	5	5	U	ug/kg	5
1,2-Dichloroethene (total)	5	U	ug/kg	5	5	U	ug/kg	5	5	U	ug/kg	5	5	U	ug/kg	5
Chloroform	5	U	ug/kg	5	5	U	ug/kg	5	5	U	ug/kg	5	5	U	ug/kg	5
1,2-Dichloroethane	5	U	ug/kg	5	5	U	ug/kg	5	5	U	ug/kg	5	5	U	ug/kg	5
2-Butanone	11	U	ug/kg	11	10	U	ug/kg	10	10	U	ug/kg	10	11	U	ug/kg	11
1,1,1-Trichloroethane	5	U	ug/kg	5	5	U	ug/kg	5	5	U	ug/kg	5	5	U	ug/kg	5
Carbon tetrachloride	5	U	ug/kg	5	5	U	ug/kg	5	5	U	ug/kg	5	5	U	ug/kg	5
Vinyl acetate	11	U	ug/kg	11	10	U	ug/kg	10	10	U	ug/kg	10	11	U	ug/kg	11
Bromodichloromethane	5	U	ug/kg	5	5	U	ug/kg	5	5	U	ug/kg	5	5	U	ug/kg	5
1,2-Dichloropropane	5	U	ug/kg	5	5	U	ug/kg	5	5	U	ug/kg	5	5	U	ug/kg	5
cis-1,3-Dichloropropene	5	U	ug/kg	5	5	U	ug/kg	5	5	U	ug/kg	5	5	U	ug/kg	5
Trichloroethene	5	U	ug/kg	5	5	U	ug/kg	5	5	U	ug/kg	5	5	U	ug/kg	5
Dibromochloromethane	5	U	ug/kg	5	5	U	ug/kg	5	5	U	ug/kg	5	5	U	ug/kg	5
1,1,2-Trichloroethane	5	U	ug/kg	5	5	U	ug/kg	5	5	U	ug/kg	5	5	U	ug/kg	5
Benzene	5	U	ug/kg	5	5	U	ug/kg	5	5	U	ug/kg	5	5	U	ug/kg	5
trans-1,3-Dichloropropene	5	U	ug/kg	5	5	U	ug/kg	5	5	U	ug/kg	5	5	U	ug/kg	5
Bromoform	5	U	ug/kg	5	5	U	ug/kg	5	5	U	ug/kg	5	5	U	ug/kg	5
2-Hexanone	11	U	ug/kg	11	10	U	ug/kg	10	10	U	ug/kg	10	11	U	ug/kg	11
4-Methyl-2-pentanone	11	U	ug/kg	11	10	U	ug/kg	10	10	U	ug/kg	10	11	U	ug/kg	11
Tetrachloroethene	5	U	ug/kg	5	5	U	ug/kg	5	5	U	ug/kg	5	5	U	ug/kg	5
1,1,2,2-Tetrachloroethane	5	U	ug/kg	5	5	U	ug/kg	5	5	U	ug/kg	5	5	U	ug/kg	5
Toluene	5	U	ug/kg	5	5	U	ug/kg	5	5	U	ug/kg	5	5	U	ug/kg	5
Chlorobenzene	5	U	ug/kg	5	5	U	ug/kg	5	5	U	ug/kg	5	5	U	ug/kg	5
Ethylbenzene	5	U	ug/kg	5	5	U	ug/kg	5	5	U	ug/kg	5	5	U	ug/kg	5
Styrene	5	U	ug/kg	5	5	U	ug/kg	5	5	U	ug/kg	5	5	U	ug/kg	5
Xylenes (total)	3	J	ug/kg	5	6		ug/kg	5	5	U	ug/kg	5	5	U	ug/kg	5

U = NOT DETECTED J = ESTIMATED VALUE
UJ = REPORTED QUANTITATION LIMIT IS QUALIFIED AS ESTIMATED
R = RESULT IS REJECTED AND UNUSABLE

WHITING FIELD ANALYTICAL RESULT REPORT
VOLATILE ORGANICS ---- SITE 31 ---- VALIDATD DATA

	22527008				22527009				22528001				22528002			
Lab Sample Number:																
Site	WHITING				WHITING				WHITING				WHITING			
Locator	31-SL-20				31-SL-21				31-SL-22				31-SL-22A			
Collect Date:	18-AUG-92				18-AUG-92				18-AUG-92				18-AUG-92			
	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL
CLP VOLATILES 87-SOW																
Chloromethane	10	U	ug/kg	10	10	U	ug/kg	10	10	U	ug/kg	10	10	U	ug/kg	10
Bromomethane	10	U	ug/kg	10	10	U	ug/kg	10	10	U	ug/kg	10	10	U	ug/kg	10
Vinyl chloride	10	U	ug/kg	10	10	U	ug/kg	10	10	U	ug/kg	10	10	U	ug/kg	10
Chloroethane	10	U	ug/kg	10	10	U	ug/kg	10	10	U	ug/kg	10	10	U	ug/kg	10
Methylene chloride	10	UJ	ug/kg	5	9	UJ	ug/kg	5	12	UJ	ug/kg	5	9	UJ	ug/kg	5
Acetone	10	UJ	ug/kg	10	40	UJ	ug/kg	10	40	UJ	ug/kg	10	27	UJ	ug/kg	10
Carbon disulfide	5	U	ug/kg	5	5	U	ug/kg	5	5	U	ug/kg	5	5	U	ug/kg	5
1,1-Dichloroethene	5	U	ug/kg	5	5	U	ug/kg	5	2	J	ug/kg	5	5	U	ug/kg	5
1,1-Dichloroethane	5	U	ug/kg	5	5	U	ug/kg	5	5	U	ug/kg	5	5	U	ug/kg	5
1,2-Dichloroethene (total)	5	U	ug/kg	5	5	U	ug/kg	5	5	U	ug/kg	5	5	U	ug/kg	5
Chloroform	5	U	ug/kg	5	5	U	ug/kg	5	5	U	ug/kg	5	5	U	ug/kg	5
1,2-Dichloroethane	5	U	ug/kg	5	5	U	ug/kg	5	5	U	ug/kg	5	5	U	ug/kg	5
2-Butanone	10	U	ug/kg	10	10	U	ug/kg	10	10	U	ug/kg	10	10	U	ug/kg	10
1,1,1-Trichloroethane	5	U	ug/kg	5	5	U	ug/kg	5	5	U	ug/kg	5	5	U	ug/kg	5
Carbon tetrachloride	5	U	ug/kg	5	5	U	ug/kg	5	5	U	ug/kg	5	5	U	ug/kg	5
Vinyl acetate	10	U	ug/kg	10	10	U	ug/kg	10	10	U	ug/kg	10	10	U	ug/kg	10
Bromodichloromethane	5	U	ug/kg	5	5	U	ug/kg	5	5	U	ug/kg	5	5	U	ug/kg	5
1,2-Dichloropropane	5	U	ug/kg	5	5	U	ug/kg	5	5	U	ug/kg	5	5	U	ug/kg	5
cis-1,3-Dichloropropene	5	U	ug/kg	5	5	U	ug/kg	5	5	U	ug/kg	5	5	U	ug/kg	5
Trichloroethene	5	U	ug/kg	5	5	U	ug/kg	5	2	J	ug/kg	5	5	U	ug/kg	5
Dibromochloromethane	5	U	ug/kg	5	5	U	ug/kg	5	5	U	ug/kg	5	5	U	ug/kg	5
1,1,2-Trichloroethane	5	U	ug/kg	5	5	U	ug/kg	5	5	U	ug/kg	5	5	U	ug/kg	5
Benzene	5	U	ug/kg	5	5	U	ug/kg	5	1	J	ug/kg	5	5	U	ug/kg	5
trans-1,3-Dichloropropene	5	U	ug/kg	5	5	U	ug/kg	5	5	U	ug/kg	5	5	U	ug/kg	5
Bromoform	5	U	ug/kg	5	5	U	ug/kg	5	5	U	ug/kg	5	5	U	ug/kg	5
2-Hexanone	10	U	ug/kg	10	10	U	ug/kg	10	10	U	ug/kg	10	10	U	ug/kg	10
4-Methyl-2-pentanone	10	U	ug/kg	10	10	U	ug/kg	10	10	U	ug/kg	10	10	U	ug/kg	10
Tetrachloroethene	5	U	ug/kg	5	5	U	ug/kg	5	5	U	ug/kg	5	5	U	ug/kg	5
1,1,2,2-Tetrachloroethane	5	U	ug/kg	5	5	U	ug/kg	5	5	U	ug/kg	5	5	U	ug/kg	5
Toluene	5	U	ug/kg	5	5	U	ug/kg	5	2	J	ug/kg	5	5	U	ug/kg	5
Chlorobenzene	5	U	ug/kg	5	5	U	ug/kg	5	1	J	ug/kg	5	5	U	ug/kg	5
Ethylbenzene	5	U	ug/kg	5	5	U	ug/kg	5	5	U	ug/kg	5	5	U	ug/kg	5
Styrene	5	U	ug/kg	5	5	U	ug/kg	5	5	U	ug/kg	5	5	U	ug/kg	5
Xylenes (total)	3	J	ug/kg	5	3	J	ug/kg	5	3	J	ug/kg	5	3	J	ug/kg	5

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WHITING FIELD ANALYTICAL RESULT REPORT
VOLATILE ORGANICS ---- SITE 31 ---- VALIDATD DATA

Lab Sample Number:	22528M01				22528D01				22527010				22527011			
Site	WHITING				WHITING				WHITING				WHITING			
Locator	31-SL-22MS				31-SL-22MSD				31-SL-23				31-SL-24			
Collect Date:	18-AUG-92				18-AUG-92				18-AUG-92				18-AUG-92			
	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL
CLP VOLATILES 87-SOW																
Chloromethane	10	U	ug/kg	10	10	U	ug/kg	10	10	U	ug/kg	10	10	U	ug/kg	10
Bromomethane	10	U	ug/kg	10	10	U	ug/kg	10	10	U	ug/kg	10	10	U	ug/kg	10
Vinyl chloride	10	U	ug/kg	10	10	U	ug/kg	10	10	U	ug/kg	10	10	U	ug/kg	10
Chloroethane	10	U	ug/kg	10	10	U	ug/kg	10	10	U	ug/kg	10	10	U	ug/kg	10
Methylene chloride	8		ug/kg	5	8		ug/kg	5	6	UJ	ug/kg	5	7	UJ	ug/kg	5
Acetone	27		ug/kg	10	31		ug/kg	10	10	UJ	ug/kg	10	15	UJ	ug/kg	10
Carbon disulfide	5	U	ug/kg	5	5	U	ug/kg	5	5	U	ug/kg	5	5	U	ug/kg	5
1,1-Dichloroethene	5	U	ug/kg	5	5	U	ug/kg	5	5	U	ug/kg	5	5	U	ug/kg	5
1,1-Dichloroethane	5	U	ug/kg	5	5	U	ug/kg	5	5	U	ug/kg	5	5	U	ug/kg	5
1,2-Dichloroethene (total)	5	U	ug/kg	5	5	U	ug/kg	5	5	U	ug/kg	5	5	U	ug/kg	5
Chloroform	5	U	ug/kg	5	5	U	ug/kg	5	5	U	ug/kg	5	5	U	ug/kg	5
1,2-Dichloroethane	5	U	ug/kg	5	5	U	ug/kg	5	5	U	ug/kg	5	5	U	ug/kg	5
2-Butanone	10	U	ug/kg	10	10	U	ug/kg	10	10	U	ug/kg	10	10	U	ug/kg	10
1,1,1-Trichloroethane	5	U	ug/kg	5	5	U	ug/kg	5	5	U	ug/kg	5	5	U	ug/kg	5
Carbon tetrachloride	5	U	ug/kg	5	5	U	ug/kg	5	5	U	ug/kg	5	5	U	ug/kg	5
Vinyl acetate	10	U	ug/kg	10	10	U	ug/kg	10	10	U	ug/kg	10	10	U	ug/kg	10
Bromodichloromethane	5	U	ug/kg	5	5	U	ug/kg	5	5	U	ug/kg	5	5	U	ug/kg	5
1,2-Dichloropropane	5	U	ug/kg	5	5	U	ug/kg	5	5	U	ug/kg	5	5	U	ug/kg	5
cis-1,3-Dichloropropene	5	U	ug/kg	5	5	U	ug/kg	5	5	U	ug/kg	5	5	U	ug/kg	5
Trichloroethene	5	U	ug/kg	5	5	U	ug/kg	5	5	U	ug/kg	5	5	U	ug/kg	5
Dibromochloromethane	5	U	ug/kg	5	5	U	ug/kg	5	5	U	ug/kg	5	5	U	ug/kg	5
1,1,2-Trichloroethane	5	U	ug/kg	5	5	U	ug/kg	5	5	U	ug/kg	5	5	U	ug/kg	5
Benzene	5	U	ug/kg	5	5	U	ug/kg	5	5	U	ug/kg	5	5	U	ug/kg	5
trans-1,3-Dichloropropene	5	U	ug/kg	5	5	U	ug/kg	5	5	U	ug/kg	5	5	U	ug/kg	5
Bromoform	5	U	ug/kg	5	5	U	ug/kg	5	5	U	ug/kg	5	5	U	ug/kg	5
2-Hexanone	10	U	ug/kg	10	10	U	ug/kg	10	10	U	ug/kg	10	10	U	ug/kg	10
4-Methyl-2-pentanone	10	U	ug/kg	10	10	U	ug/kg	10	10	U	ug/kg	10	10	U	ug/kg	10
Tetrachloroethene	5	U	ug/kg	5	5	U	ug/kg	5	5	U	ug/kg	5	5	U	ug/kg	5
1,1,2,2-Tetrachloroethane	5	U	ug/kg	5	5	U	ug/kg	5	5	U	ug/kg	5	5	U	ug/kg	5
Toluene	5	U	ug/kg	5	5	U	ug/kg	5	5	U	ug/kg	5	5	U	ug/kg	5
Chlorobenzene	5	U	ug/kg	5	5	U	ug/kg	5	5	U	ug/kg	5	5	U	ug/kg	5
Ethylbenzene	5	U	ug/kg	5	5	U	ug/kg	5	5	U	ug/kg	5	5	U	ug/kg	5
Styrene	5	U	ug/kg	5	5	U	ug/kg	5	5	U	ug/kg	5	5	U	ug/kg	5
Xylenes (total)	4	J	ug/kg	5	2	J	ug/kg	5	2	J	ug/kg	5	1	J	ug/kg	5

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WHITING FIELD ANALYTICAL RESULT REPORT
SEMIVOLATILE COMPOUNDS --- Site 31 --- VALIDATED DATA

Lab Sample Number:	22515001				22515004				22515003				22515005			
Site	WHITING				WHITING				WHITING				WHITING			
Locator	31-SL-01				31-SL-03				31-SL-04				31-SL-05			
Collect Date:	17-AUG-92				17-AUG-92				17-AUG-92				17-AUG-92			
	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL
CLP SEMIVOLATILES 87-SOW																
Phenol	370	U	ug/kg	370	360	U	ug/kg	360	360	U	ug/kg	360	360	U	ug/kg	360
bis(2-Chloroethyl) ether	370	U	ug/kg	370	360	U	ug/kg	360	360	U	ug/kg	360	360	U	ug/kg	360
2-Chlorophenol	370	U	ug/kg	370	360	U	ug/kg	360	360	U	ug/kg	360	360	U	ug/kg	360
1,3-Dichlorobenzene	370	U	ug/kg	370	360	U	ug/kg	360	360	U	ug/kg	360	360	U	ug/kg	360
1,4-Dichlorobenzene	370	U	ug/kg	370	360	U	ug/kg	360	360	U	ug/kg	360	360	U	ug/kg	360
Benzyl alcohol	370	U	ug/kg	370	360	U	ug/kg	360	360	U	ug/kg	360	360	U	ug/kg	360
1,2-Dichlorobenzene	370	U	ug/kg	370	360	U	ug/kg	360	360	U	ug/kg	360	360	U	ug/kg	360
2-Methylphenol	370	U	ug/kg	370	360	U	ug/kg	360	360	U	ug/kg	360	360	U	ug/kg	360
Bis(2-Chloroisopropyl) ether	370	U	ug/kg	370	360	U	ug/kg	360	360	U	ug/kg	360	360	U	ug/kg	360
4-Methylphenol	370	U	ug/kg	370	360	U	ug/kg	360	360	U	ug/kg	360	360	U	ug/kg	360
N-Nitroso-di-n-propylamine	370	U	ug/kg	370	360	U	ug/kg	360	360	U	ug/kg	360	360	U	ug/kg	360
Hexachloroethane	370	U	ug/kg	370	360	U	ug/kg	360	360	U	ug/kg	360	360	U	ug/kg	360
Nitrobenzene	370	U	ug/kg	370	360	U	ug/kg	360	360	U	ug/kg	360	360	U	ug/kg	360
Isophorone	370	U	ug/kg	370	360	U	ug/kg	360	360	U	ug/kg	360	360	U	ug/kg	360
2-Nitrophenol	370	U	ug/kg	370	360	U	ug/kg	360	360	U	ug/kg	360	360	U	ug/kg	360
2,4-Dimethylphenol	370	U	ug/kg	370	360	U	ug/kg	360	360	U	ug/kg	360	360	U	ug/kg	360
Benzoic acid	1800	U	ug/kg	1800	1700	U	ug/kg	1700	1700	U	ug/kg	1700	1800	U	ug/kg	1800
bis(2-Chloroethoxy) methane	370	U	ug/kg	370	360	U	ug/kg	360	360	U	ug/kg	360	360	U	ug/kg	360
2,4-Dichlorophenol	370	U	ug/kg	370	360	U	ug/kg	360	360	U	ug/kg	360	360	U	ug/kg	360
1,2,4-Trichlorobenzene	370	U	ug/kg	370	360	U	ug/kg	360	360	U	ug/kg	360	360	U	ug/kg	360
Naphthalene	370	U	ug/kg	370	360	U	ug/kg	360	360	U	ug/kg	360	360	U	ug/kg	360
4-Chloroaniline	370	UJ	ug/kg	370	360	UJ	ug/kg	360	360	UJ	ug/kg	360	360	UJ	ug/kg	360
Hexachlorobutadiene	370	U	ug/kg	370	360	U	ug/kg	360	360	U	ug/kg	360	360	U	ug/kg	360
4-Chloro-3-methylphenol	370	U	ug/kg	370	360	U	ug/kg	360	360	U	ug/kg	360	360	U	ug/kg	360
2-Methylnaphthalene	370	U	ug/kg	370	360	U	ug/kg	360	360	U	ug/kg	360	360	U	ug/kg	360
Hexachlorocyclopentadiene	370	U	ug/kg	370	360	U	ug/kg	360	360	U	ug/kg	360	360	U	ug/kg	360
2,4,6-Trichlorophenol	370	U	ug/kg	370	360	U	ug/kg	360	360	U	ug/kg	360	360	U	ug/kg	360
2,4,5-Trichlorophenol	1800	U	ug/kg	1800	1700	U	ug/kg	1700	1700	U	ug/kg	1700	1800	U	ug/kg	1800
2-Chloronaphthalene	370	U	ug/kg	370	360	U	ug/kg	360	360	U	ug/kg	360	360	U	ug/kg	360
2-Nitroaniline	1800	U	ug/kg	1800	1700	U	ug/kg	1700	1700	U	ug/kg	1700	1800	U	ug/kg	1800
Dimethylphthalate	370	U	ug/kg	370	360	U	ug/kg	360	360	U	ug/kg	360	360	U	ug/kg	360
Acenaphthylene	370	U	ug/kg	370	360	U	ug/kg	360	360	U	ug/kg	360	360	U	ug/kg	360
2,6-Dinitrotoluene	370	U	ug/kg	370	360	U	ug/kg	360	360	U	ug/kg	360	360	U	ug/kg	360
3-Nitroaniline	1800	UJ	ug/kg	1800	1700	UJ	ug/kg	1700	1700	UJ	ug/kg	1700	1800	UJ	ug/kg	1800
Acenaphthene	370	U	ug/kg	370	360	U	ug/kg	360	360	U	ug/kg	360	360	U	ug/kg	360
2,4-Dinitrophenol	1800	U	ug/kg	1800	1700	U	ug/kg	1700	1700	U	ug/kg	1700	1800	U	ug/kg	1800
4-Nitrophenol	1800	U	ug/kg	1800	1700	U	ug/kg	1700	1700	U	ug/kg	1700	1800	U	ug/kg	1800
Dibenzofuran	370	U	ug/kg	370	360	U	ug/kg	360	360	U	ug/kg	360	360	U	ug/kg	360
2,4-Dinitrotoluene	370	U	ug/kg	370	360	U	ug/kg	360	360	U	ug/kg	360	360	U	ug/kg	360
Diethylphthalate	370	U	ug/kg	370	360	U	ug/kg	360	360	U	ug/kg	360	360	U	ug/kg	360
4-Chlorophenyl-phenylether	370	U	ug/kg	370	360	U	ug/kg	360	360	U	ug/kg	360	360	U	ug/kg	360
Fluorene	370	U	ug/kg	370	360	U	ug/kg	360	360	U	ug/kg	360	360	U	ug/kg	360
4-Nitroaniline	1800	U	ug/kg	1800	1700	U	ug/kg	1700	1700	U	ug/kg	1700	1800	U	ug/kg	1800
4,6-Dinitro-2-methylphenol	1800	U	ug/kg	1800	1700	U	ug/kg	1700	1700	U	ug/kg	1700	1800	U	ug/kg	1800
N-Nitrosodiphenylamine (1)	370	U	ug/kg	370	360	U	ug/kg	360	360	U	ug/kg	360	360	U	ug/kg	360
4-Bromophenyl-phenylether	370	U	ug/kg	370	360	U	ug/kg	360	360	U	ug/kg	360	360	U	ug/kg	360
Hexachlorobenzene	370	U	ug/kg	370	360	U	ug/kg	360	360	U	ug/kg	360	360	U	ug/kg	360
Pentachlorophenol	1800	U	ug/kg	1800	1700	U	ug/kg	1700	1700	U	ug/kg	1700	1800	U	ug/kg	1800
Phenanthrene	370	U	ug/kg	370	360	U	ug/kg	360	360	U	ug/kg	360	360	U	ug/kg	360
Anthracene	370	U	ug/kg	370	360	U	ug/kg	360	360	U	ug/kg	360	360	U	ug/kg	360
Di-n-butylphthalate	370	UJ	ug/kg	370	360	U	ug/kg	360	360	UJ	ug/kg	360	360	UJ	ug/kg	360
Fluoranthene	370	U	ug/kg	370	360	U	ug/kg	360	360	U	ug/kg	360	360	U	ug/kg	360
Pyrene	370	U	ug/kg	370	360	U	ug/kg	360	360	U	ug/kg	360	360	U	ug/kg	360

WHITING FIELD ANALYTICAL RESULT REPORT
SEMIVOLATILE COMPOUNDS --- Site 31 --- VALIDATED DATA

	22515001				22515004				22515003				22515005			
Lab Sample Number:																
Site	WHITING				WHITING				WHITING				WHITING			
Locator	31-SL-01				31-SL-03				31-SL-04				31-SL-05			
Collect Date:	17-AUG-92				17-AUG-92				17-AUG-92				17-AUG-92			
	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL
Butylbenzylphthalate	370	U	ug/kg	370	360	U	ug/kg	360	360	U	ug/kg	360	360	U	ug/kg	360
3,3-Dichlorobenzidine	730	UJ	ug/kg	730	720	UJ	ug/kg	720	720	UJ	ug/kg	720	730	UJ	ug/kg	730
Benzo (a) anthracene	370	U	ug/kg	370	360	U	ug/kg	360	360	U	ug/kg	360	360	U	ug/kg	360
Chrysene	370	U	ug/kg	370	360	U	ug/kg	360	360	U	ug/kg	360	360	U	ug/kg	360
bis(2-Ethylhexyl) phthalate	370	U	ug/kg	370	81	J	ug/kg	360	230	J	ug/kg	360	190	J	ug/kg	360
Di-n-octylphthalate	370	U	ug/kg	370	360	U	ug/kg	360	360	U	ug/kg	360	360	U	ug/kg	360
Benzo (b) fluoranthene	370	U	ug/kg	370	360	U	ug/kg	360	360	U	ug/kg	360	360	U	ug/kg	360
Benzo (k) fluoranthene	370	U	ug/kg	370	360	U	ug/kg	360	360	U	ug/kg	360	360	U	ug/kg	360
Benzo (a) pyrene	370	U	ug/kg	370	360	U	ug/kg	360	360	U	ug/kg	360	360	U	ug/kg	360
Indeno (1,2,3-cd) pyrene	370	U	ug/kg	370	360	U	ug/kg	360	360	U	ug/kg	360	360	U	ug/kg	360
Dibenz (a,h) anthracene	370	U	ug/kg	370	360	U	ug/kg	360	360	U	ug/kg	360	360	U	ug/kg	360
Benzo (g,h,i) perylene	370	U	ug/kg	370	360	U	ug/kg	360	360	U	ug/kg	360	360	U	ug/kg	360

U= NOT DETECTED J= ESTIMATED VALUE
UJ = REPORTED QUANTITATION LIMIT IS QUALIFIED AS ESTIMATED
R = RESULT IS REJECTED AND UNUSABLE

WHITING FIELD ANALYTICAL RESULT REPORT
SEMIVOLATILE COMPOUNDS --- Site 31 --- VALIDATED DATA

Lab Sample Number:	22515007				22515008				22515009				22515011			
Site	WHITING				WHITING				WHITING				WHITING			
Locator	31-SL-07				31-SL-07A				31-SL-08				31-SL-09			
Collect Date:	17-AUG-92				17-AUG-92				17-AUG-92				17-AUG-92			
	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL
CLP SEMIVOLATILES 87-SOW																
Phenol	360	U	ug/kg	360	360	U	ug/kg	360	360	U	ug/kg	360	350	U	ug/kg	350
bis(2-Chloroethyl) ether	360	U	ug/kg	360	360	U	ug/kg	360	360	U	ug/kg	360	350	U	ug/kg	350
2-Chlorophenol	360	U	ug/kg	360	360	U	ug/kg	360	360	U	ug/kg	360	350	U	ug/kg	350
1,3-Dichlorobenzene	360	U	ug/kg	360	360	U	ug/kg	360	360	U	ug/kg	360	350	U	ug/kg	350
1,4-Dichlorobenzene	360	U	ug/kg	360	360	U	ug/kg	360	360	U	ug/kg	360	350	U	ug/kg	350
Benzyl alcohol	360	U	ug/kg	360	360	U	ug/kg	360	360	U	ug/kg	360	350	U	ug/kg	350
1,2-Dichlorobenzene	360	U	ug/kg	360	360	U	ug/kg	360	360	U	ug/kg	360	350	U	ug/kg	350
2-Methylphenol	360	U	ug/kg	360	360	U	ug/kg	360	360	U	ug/kg	360	350	U	ug/kg	350
Bis(2-Chloroisopropyl) ether	360	U	ug/kg	360	360	U	ug/kg	360	360	U	ug/kg	360	350	U	ug/kg	350
4-Methylphenol	360	U	ug/kg	360	360	U	ug/kg	360	360	U	ug/kg	360	350	U	ug/kg	350
N-Nitroso-di-n-propylamine	360	U	ug/kg	360	360	U	ug/kg	360	360	U	ug/kg	360	350	U	ug/kg	350
Hexachloroethane	360	U	ug/kg	360	360	U	ug/kg	360	360	U	ug/kg	360	350	U	ug/kg	350
Nitrobenzene	360	U	ug/kg	360	360	U	ug/kg	360	360	U	ug/kg	360	350	U	ug/kg	350
Isophorone	360	U	ug/kg	360	360	U	ug/kg	360	360	U	ug/kg	360	350	U	ug/kg	350
2-Nitrophenol	360	U	ug/kg	360	360	U	ug/kg	360	360	U	ug/kg	360	350	U	ug/kg	350
2,4-Dimethylphenol	360	U	ug/kg	360	360	U	ug/kg	360	360	U	ug/kg	360	350	U	ug/kg	350
Benzoic acid	1800	U	ug/kg	1800	1800	U	ug/kg	1800	1700	U	ug/kg	1700	1700	U	ug/kg	1700
bis(2-Chloroethoxy) methane	360	U	ug/kg	360	360	U	ug/kg	360	360	U	ug/kg	360	350	U	ug/kg	350
2,4-Dichlorophenol	360	U	ug/kg	360	360	U	ug/kg	360	360	U	ug/kg	360	350	U	ug/kg	350
1,2,4-Trichlorobenzene	360	U	ug/kg	360	360	U	ug/kg	360	360	U	ug/kg	360	350	U	ug/kg	350
Naphthalene	360	U	ug/kg	360	360	U	ug/kg	360	360	U	ug/kg	360	350	U	ug/kg	350
4-Chloroaniline	360	UJ	ug/kg	360	360	UJ	ug/kg	360	360	UJ	ug/kg	360	350	UJ	ug/kg	350
Hexachlorobutadiene	360	U	ug/kg	360	360	U	ug/kg	360	360	U	ug/kg	360	350	U	ug/kg	350
4-Chloro-3-methylphenol	360	U	ug/kg	360	360	U	ug/kg	360	360	U	ug/kg	360	350	U	ug/kg	350
2-Methylnaphthalene	360	U	ug/kg	360	360	U	ug/kg	360	360	U	ug/kg	360	350	U	ug/kg	350
Hexachlorocyclopentadiene	360	U	ug/kg	360	360	U	ug/kg	360	360	U	ug/kg	360	350	U	ug/kg	350
2,4,6-Trichlorophenol	360	U	ug/kg	360	360	U	ug/kg	360	360	U	ug/kg	360	350	U	ug/kg	350
2,4,5-Trichlorophenol	1800	U	ug/kg	1800	1800	U	ug/kg	1800	1700	U	ug/kg	1700	1700	U	ug/kg	1700
2-Chloronaphthalene	360	U	ug/kg	360	360	U	ug/kg	360	360	U	ug/kg	360	350	U	ug/kg	350
2-Nitroaniline	1800	U	ug/kg	1800	1800	U	ug/kg	1800	1700	U	ug/kg	1700	1700	U	ug/kg	1700
Dimethylphthalate	360	U	ug/kg	360	360	U	ug/kg	360	360	U	ug/kg	360	350	U	ug/kg	350
Acenaphthylene	360	U	ug/kg	360	360	U	ug/kg	360	360	U	ug/kg	360	350	U	ug/kg	350
2,6-Dinitrotoluene	360	U	ug/kg	360	360	U	ug/kg	360	360	U	ug/kg	360	350	U	ug/kg	350
3-Nitroaniline	1800	UJ	ug/kg	1800	1800	UJ	ug/kg	1800	1700	UJ	ug/kg	1700	1700	UJ	ug/kg	1700
Acenaphthene	360	U	ug/kg	360	360	U	ug/kg	360	360	U	ug/kg	360	350	U	ug/kg	350
2,4-Dinitrophenol	1800	U	ug/kg	1800	1800	U	ug/kg	1800	1700	U	ug/kg	1700	1700	U	ug/kg	1700
4-Nitrophenol	1800	U	ug/kg	1800	1800	U	ug/kg	1800	1700	U	ug/kg	1700	1700	U	ug/kg	1700
Dibenzofuran	360	U	ug/kg	360	360	U	ug/kg	360	360	U	ug/kg	360	350	U	ug/kg	350
2,4-Dinitrotoluene	360	U	ug/kg	360	360	U	ug/kg	360	360	U	ug/kg	360	350	U	ug/kg	350
Diethylphthalate	360	U	ug/kg	360	360	U	ug/kg	360	360	U	ug/kg	360	350	U	ug/kg	350
4-Chlorophenyl-phenylether	360	U	ug/kg	360	360	U	ug/kg	360	360	U	ug/kg	360	350	U	ug/kg	350
Fluorene	360	U	ug/kg	360	360	U	ug/kg	360	360	U	ug/kg	360	350	U	ug/kg	350
4-Nitroaniline	1800	U	ug/kg	1800	1800	U	ug/kg	1800	1700	U	ug/kg	1700	1700	U	ug/kg	1700
4,6-Dinitro-2-methylphenol	1800	U	ug/kg	1800	1800	U	ug/kg	1800	1700	U	ug/kg	1700	1700	U	ug/kg	1700
N-Nitrosodiphenylamine (1)	360	U	ug/kg	360	360	U	ug/kg	360	360	U	ug/kg	360	350	U	ug/kg	350
4-Bromophenyl-phenylether	360	U	ug/kg	360	360	U	ug/kg	360	360	U	ug/kg	360	350	U	ug/kg	350
Hexachlorobenzene	360	U	ug/kg	360	360	U	ug/kg	360	360	U	ug/kg	360	350	U	ug/kg	350
Pentachlorophenol	1800	U	ug/kg	1800	1800	U	ug/kg	1800	1700	U	ug/kg	1700	1700	U	ug/kg	1700
Phenanthrene	360	U	ug/kg	360	360	U	ug/kg	360	360	U	ug/kg	360	350	U	ug/kg	350
Anthracene	360	U	ug/kg	360	360	U	ug/kg	360	360	U	ug/kg	360	350	U	ug/kg	350
Di-n-butylphthalate	360	UJ	ug/kg	360	360	UJ	ug/kg	360	360	UJ	ug/kg	360	350	UJ	ug/kg	350
Fluoranthene	360	U	ug/kg	360	360	U	ug/kg	360	360	U	ug/kg	360	350	U	ug/kg	350

WHITING FIELD ANALYTICAL RESULT REPORT
SEMIVOLATILE COMPOUNDS --- Site 31 --- VALIDATED DATA

	22515007 WHITING 31-SL-07 17-AUG-92				22515008 WHITING 31-SL-07A 17-AUG-92				22515009 WHITING 31-SL-08 17-AUG-92				22515011 WHITING 31-SL-09 17-AUG-92			
Lab Sample Number: / Site / Locator / Collect Date:	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL
Pyrene	360	U	ug/kg	360	360	U	ug/kg	360	360	U	ug/kg	360	350	U	ug/kg	350
Butylbenzylphthalate	360	U	ug/kg	360	360	U	ug/kg	360	360	U	ug/kg	360	350	U	ug/kg	350
3,3-Dichlorobenzidine	730	UJ	ug/kg	730	730	UJ	ug/kg	730	720	UJ	ug/kg	720	710	UJ	ug/kg	710
Benzo (a) anthracene	360	U	ug/kg	360	360	U	ug/kg	360	360	U	ug/kg	360	350	U	ug/kg	350
Chrysene	360	U	ug/kg	360	360	U	ug/kg	360	360	U	ug/kg	360	350	U	ug/kg	350
bis(2-Ethylhexyl) phthalate	360	U	ug/kg	360	360	U	ug/kg	360	360	U	ug/kg	360	350	U	ug/kg	350
Di-n-octylphthalate	360	U	ug/kg	360	360	U	ug/kg	360	360	U	ug/kg	360	350	U	ug/kg	350
Benzo (b) fluoranthene	360	U	ug/kg	360	360	U	ug/kg	360	360	U	ug/kg	360	350	U	ug/kg	350
Benzo (k) fluoranthene	360	U	ug/kg	360	360	U	ug/kg	360	360	U	ug/kg	360	350	U	ug/kg	350
Benzo (a) pyrene	360	U	ug/kg	360	360	U	ug/kg	360	360	U	ug/kg	360	350	U	ug/kg	350
Indeno (1,2,3-cd) pyrene	360	U	ug/kg	360	360	U	ug/kg	360	360	U	ug/kg	360	350	U	ug/kg	350
Dibenz (a,h) anthracene	360	U	ug/kg	360	360	U	ug/kg	360	360	U	ug/kg	360	350	U	ug/kg	350
Benzo (g,h,i) perylene	360	U	ug/kg	360	360	U	ug/kg	360	360	U	ug/kg	360	350	U	ug/kg	350

U= NOT DETECTED J= ESTIMATED VALUE
UJ = REPORTED QUANTITATION LIMIT IS QUALIFIED AS ESTIMATED
R = RESULT IS REJECTED AND UNUSABLE

WHITING FIELD ANALYTICAL RESULT REPORT
SEMIVOLATILE COMPOUNDS --- Site 31 --- VALIDATED DATA

Lab Sample Number:	22515012			22515013			22515014			22515015		
Site	WHITING			WHITING			WHITING			WHITING		
Locator	31-SL-10			31-SL-11			31-SL-12			31-SL-13		
Collect Date:	17-AUG-92			17-AUG-92			17-AUG-92			17-AUG-92		
	VALUE QUAL	UNITS	DL	VALUE QUAL	UNITS	DL	VALUE QUAL	UNITS	DL	VALUE QUAL	UNITS	DL
CLP SEMIVOLATILES 87-SOW												
Phenol	360 U	ug/kg	360	350 U	ug/kg	350	370 U	ug/kg	370	370 U	ug/kg	370
bis(2-Chloroethyl) ether	360 U	ug/kg	360	350 U	ug/kg	350	370 U	ug/kg	370	370 U	ug/kg	370
2-Chlorophenol	360 U	ug/kg	360	350 U	ug/kg	350	370 U	ug/kg	370	370 U	ug/kg	370
1,3-Dichlorobenzene	360 U	ug/kg	360	350 U	ug/kg	350	370 U	ug/kg	370	370 U	ug/kg	370
1,4-Dichlorobenzene	360 U	ug/kg	360	350 U	ug/kg	350	370 U	ug/kg	370	370 U	ug/kg	370
Benzyl alcohol	360 U	ug/kg	360	350 U	ug/kg	350	370 U	ug/kg	370	370 U	ug/kg	370
1,2-Dichlorobenzene	360 U	ug/kg	360	350 U	ug/kg	350	370 U	ug/kg	370	370 U	ug/kg	370
2-Methylphenol	360 U	ug/kg	360	350 U	ug/kg	350	370 U	ug/kg	370	370 U	ug/kg	370
Bis(2-Chloroisopropyl) ether	360 U	ug/kg	360	350 U	ug/kg	350	370 U	ug/kg	370	370 U	ug/kg	370
4-Methylphenol	360 U	ug/kg	360	350 U	ug/kg	350	370 U	ug/kg	370	370 U	ug/kg	370
N-Nitroso-di-n-propylamine	360 U	ug/kg	360	350 U	ug/kg	350	370 U	ug/kg	370	370 U	ug/kg	370
Hexachloroethane	360 U	ug/kg	360	350 U	ug/kg	350	370 U	ug/kg	370	370 U	ug/kg	370
Nitrobenzene	360 U	ug/kg	360	350 U	ug/kg	350	370 U	ug/kg	370	370 U	ug/kg	370
Isophorone	360 U	ug/kg	360	350 U	ug/kg	350	370 U	ug/kg	370	370 U	ug/kg	370
2-Nitrophenol	360 U	ug/kg	360	350 U	ug/kg	350	370 U	ug/kg	370	370 U	ug/kg	370
2,4-Dimethylphenol	360 U	ug/kg	360	350 U	ug/kg	350	370 U	ug/kg	370	370 U	ug/kg	370
Benzoic acid	1800 U	ug/kg	1800	1700 U	ug/kg	1700	1800 U	ug/kg	1800	1800 U	ug/kg	1800
bis(2-Chloroethoxy) methane	360 U	ug/kg	360	350 U	ug/kg	350	370 U	ug/kg	370	370 U	ug/kg	370
2,4-Dichlorophenol	360 U	ug/kg	360	350 U	ug/kg	350	370 U	ug/kg	370	370 U	ug/kg	370
1,2,4-Trichlorobenzene	360 U	ug/kg	360	350 U	ug/kg	350	370 U	ug/kg	370	370 U	ug/kg	370
Naphthalene	360 U	ug/kg	360	350 U	ug/kg	350	370 U	ug/kg	370	370 U	ug/kg	370
4-Chloroaniline	360 UJ	ug/kg	360	350 UJ	ug/kg	350	370 UJ	ug/kg	370	370 UJ	ug/kg	370
Hexachlorobutadiene	360 U	ug/kg	360	350 U	ug/kg	350	370 U	ug/kg	370	370 U	ug/kg	370
4-Chloro-3-methylphenol	360 U	ug/kg	360	350 U	ug/kg	350	370 U	ug/kg	370	370 U	ug/kg	370
2-Methylnaphthalene	360 U	ug/kg	360	350 U	ug/kg	350	370 U	ug/kg	370	370 U	ug/kg	370
Hexachlorocyclopentadiene	360 U	ug/kg	360	350 U	ug/kg	350	370 U	ug/kg	370	370 U	ug/kg	370
2,4,6-Trichlorophenol	360 U	ug/kg	360	350 U	ug/kg	350	370 U	ug/kg	370	370 U	ug/kg	370
2,4,5-Trichlorophenol	1800 U	ug/kg	1800	1700 U	ug/kg	1700	1800 U	ug/kg	1800	1800 U	ug/kg	1800
2-Chloronaphthalene	360 U	ug/kg	360	350 U	ug/kg	350	370 U	ug/kg	370	370 U	ug/kg	370
2-Nitroaniline	1800 U	ug/kg	1800	1700 U	ug/kg	1700	1800 U	ug/kg	1800	1800 U	ug/kg	1800
Dimethylphthalate	360 U	ug/kg	360	350 U	ug/kg	350	370 U	ug/kg	370	370 U	ug/kg	370
Acenaphthylene	360 U	ug/kg	360	350 U	ug/kg	350	370 U	ug/kg	370	370 U	ug/kg	370
2,6-Dinitrotoluene	360 U	ug/kg	360	350 U	ug/kg	350	370 U	ug/kg	370	370 U	ug/kg	370
3-Nitroaniline	1800 UJ	ug/kg	1800	1700 UJ	ug/kg	1700	1800 UJ	ug/kg	1800	1800 UJ	ug/kg	1800
Acenaphthene	360 U	ug/kg	360	350 U	ug/kg	350	370 U	ug/kg	370	370 U	ug/kg	370
2,4-Dinitrophenol	1800 U	ug/kg	1800	1700 U	ug/kg	1700	1800 U	ug/kg	1800	1800 U	ug/kg	1800
4-Nitrophenol	1800 U	ug/kg	1800	1700 U	ug/kg	1700	1800 U	ug/kg	1800	1800 U	ug/kg	1800
Dibenzofuran	360 U	ug/kg	360	350 U	ug/kg	350	370 U	ug/kg	370	370 U	ug/kg	370
2,4-Dinitrotoluene	360 U	ug/kg	360	350 U	ug/kg	350	370 U	ug/kg	370	370 U	ug/kg	370
Diethylphthalate	360 U	ug/kg	360	350 U	ug/kg	350	370 U	ug/kg	370	370 U	ug/kg	370
4-Chlorophenyl-phenylether	360 U	ug/kg	360	350 U	ug/kg	350	370 U	ug/kg	370	370 U	ug/kg	370
Fluorene	360 U	ug/kg	360	350 U	ug/kg	350	370 U	ug/kg	370	370 U	ug/kg	370
4-Nitroaniline	1800 U	ug/kg	1800	1700 U	ug/kg	1700	1800 U	ug/kg	1800	1800 U	ug/kg	1800
4,6-Dinitro-2-methylphenol	1800 U	ug/kg	1800	1700 U	ug/kg	1700	1800 U	ug/kg	1800	1800 U	ug/kg	1800
N-Nitrosodiphenylamine (1)	360 U	ug/kg	360	350 U	ug/kg	350	370 U	ug/kg	370	370 U	ug/kg	370
4-Bromophenyl-phenylether	360 U	ug/kg	360	350 U	ug/kg	350	370 U	ug/kg	370	370 U	ug/kg	370
Hexachlorobenzene	360 U	ug/kg	360	350 U	ug/kg	350	370 U	ug/kg	370	370 U	ug/kg	370
Pentachlorophenol	1800 U	ug/kg	1800	1700 U	ug/kg	1700	1800 U	ug/kg	1800	1800 U	ug/kg	1800
Phenanthrene	360 U	ug/kg	360	350 U	ug/kg	350	370 U	ug/kg	370	370 U	ug/kg	370
Anthracene	360 U	ug/kg	360	350 U	ug/kg	350	370 U	ug/kg	370	370 U	ug/kg	370
Di-n-butylphthalate	360 UJ	ug/kg	360	350 UJ	ug/kg	350	370 UJ	ug/kg	370	370 UJ	ug/kg	370
Fluoranthene	360 U	ug/kg	360	350 U	ug/kg	350	370 U	ug/kg	370	370 U	ug/kg	370

WHITING FIELD ANALYTICAL RESULT REPORT
SEMIVOLATILE COMPOUNDS --- Site 31 --- VALIDATED DATA

	22515012				22515013				22515014				22515015			
Lab Sample Number:																
Site	WHITING				WHITING				WHITING				WHITING			
Locator	31-SL-10				31-SL-11				31-SL-12				31-SL-13			
Collect Date:	17-AUG-92				17-AUG-92				17-AUG-92				17-AUG-92			
	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL
Pyrene	360	U	ug/kg	360	350	U	ug/kg	350	370	U	ug/kg	370	370	U	ug/kg	370
Butylbenzylphthalate	360	U	ug/kg	360	350	U	ug/kg	350	370	U	ug/kg	370	370	U	ug/kg	370
3,3-Dichlorobenzidine	730	UJ	ug/kg	730	700	UJ	ug/kg	700	740	UJ	ug/kg	740	730	UJ	ug/kg	730
Benzo (a) anthracene	360	U	ug/kg	360	350	U	ug/kg	350	370	U	ug/kg	370	370	U	ug/kg	370
Chrysene	360	U	ug/kg	360	350	U	ug/kg	350	370	U	ug/kg	370	370	U	ug/kg	370
bis(2-Ethylhexyl) phthalate	360	U	ug/kg	360	350	U	ug/kg	350	1300		ug/kg	370	1300		ug/kg	370
Di-n-octylphthalate	360	U	ug/kg	360	350	U	ug/kg	350	370	U	ug/kg	370	370	U	ug/kg	370
Benzo (b) fluoranthene	360	U	ug/kg	360	350	U	ug/kg	350	100	J	ug/kg	370	370	U	ug/kg	370
Benzo (k) fluoranthene	360	U	ug/kg	360	350	U	ug/kg	350	110	J	ug/kg	370	370	U	ug/kg	370
Benzo (a) pyrene	360	U	ug/kg	360	350	U	ug/kg	350	370	U	ug/kg	370	370	U	ug/kg	370
Indeno (1,2,3-cd) pyrene	360	U	ug/kg	360	350	U	ug/kg	350	370	U	ug/kg	370	370	U	ug/kg	370
Dibenz (a,h) anthracene	360	U	ug/kg	360	350	U	ug/kg	350	370	U	ug/kg	370	370	U	ug/kg	370
Benzo (g,h,i) perylene	360	U	ug/kg	360	350	U	ug/kg	350	370	U	ug/kg	370	370	U	ug/kg	370

U= NOT DETECTED J= ESTIMATED VALUE
UJ = REPORTED QUANTITATION LIMIT IS QUALIFIED AS ESTIMATED
R = RESULT IS REJECTED AND UNUSABLE

WHITING FIELD ANALYTICAL RESULT REPORT
SEMIVOLATILE COMPOUNDS --- Site 31 --- VALIDATED DATA

Lab Sample Number:	22515016				22515017				22527002				22527003			
Site	WHITING				WHITING				WHITING				WHITING			
Locator	31-SL-14				31-SL-15				31-SL-02				31-SL-06			
Collect Date:	17-AUG-92				17-AUG-92				18-AUG-92				18-AUG-92			
	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL
CLP SEMIVOLATILES 87-SOW																
Phenol	11000	UJ	ug/kg	11000	6700	U	ug/kg	6700	370	U	ug/kg	370	370	U	ug/kg	370
bis(2-Chloroethyl) ether	11000	UJ	ug/kg	11000	6700	U	ug/kg	6700	370	U	ug/kg	370	370	U	ug/kg	370
2-Chlorophenol	11000	UJ	ug/kg	11000	6700	U	ug/kg	6700	370	U	ug/kg	370	370	U	ug/kg	370
1,3-Dichlorobenzene	11000	UJ	ug/kg	11000	6700	U	ug/kg	6700	370	U	ug/kg	370	370	U	ug/kg	370
1,4-Dichlorobenzene	11000	UJ	ug/kg	11000	6700	U	ug/kg	6700	370	U	ug/kg	370	370	U	ug/kg	370
Benzyl alcohol	11000	UJ	ug/kg	11000	6700	U	ug/kg	6700	370	U	ug/kg	370	370	U	ug/kg	370
1,2-Dichlorobenzene	11000	UJ	ug/kg	11000	6700	U	ug/kg	6700	370	U	ug/kg	370	370	U	ug/kg	370
2-Methylphenol	11000	UJ	ug/kg	11000	6700	U	ug/kg	6700	370	U	ug/kg	370	370	U	ug/kg	370
Bis(2-Chloroisopropyl) ether	11000	UJ	ug/kg	11000	6700	U	ug/kg	6700	370	U	ug/kg	370	370	U	ug/kg	370
4-Methylphenol	11000	UJ	ug/kg	11000	6700	U	ug/kg	6700	370	U	ug/kg	370	370	U	ug/kg	370
N-Nitroso-di-n-propylamine	11000	UJ	ug/kg	11000	6700	U	ug/kg	6700	370	U	ug/kg	370	370	U	ug/kg	370
Hexachloroethane	11000	UJ	ug/kg	11000	6700	U	ug/kg	6700	370	U	ug/kg	370	370	U	ug/kg	370
Nitrobenzene	11000	UJ	ug/kg	11000	6700	U	ug/kg	6700	370	U	ug/kg	370	370	U	ug/kg	370
Isophorone	11000	UJ	ug/kg	11000	6700	U	ug/kg	6700	370	U	ug/kg	370	370	U	ug/kg	370
2-Nitrophenol	11000	UJ	ug/kg	11000	6700	U	ug/kg	6700	370	U	ug/kg	370	370	U	ug/kg	370
2,4-Dimethylphenol	11000	UJ	ug/kg	11000	6700	U	ug/kg	6700	370	U	ug/kg	370	370	U	ug/kg	370
Benzoic acid	53000	UJ	ug/kg	53000	32000	UJ	ug/kg	32000	1800	UJ	ug/kg	1800	1800	UJ	ug/kg	1800
bis(2-Chloroethoxy) methane	11000	UJ	ug/kg	11000	6700	U	ug/kg	6700	370	U	ug/kg	370	370	U	ug/kg	370
2,4-Dichlorophenol	11000	UJ	ug/kg	11000	6700	U	ug/kg	6700	370	U	ug/kg	370	370	U	ug/kg	370
1,2,4-Trichlorobenzene	11000	UJ	ug/kg	11000	6700	U	ug/kg	6700	370	U	ug/kg	370	370	U	ug/kg	370
Naphthalene	11000	UJ	ug/kg	11000	6700	U	ug/kg	6700	370	U	ug/kg	370	370	U	ug/kg	370
4-Chloroaniline	11000	UJ	ug/kg	11000	6700	UJ	ug/kg	6700	370	UJ	ug/kg	370	370	UJ	ug/kg	370
Hexachlorobutadiene	11000	UJ	ug/kg	11000	6700	U	ug/kg	6700	370	U	ug/kg	370	370	U	ug/kg	370
4-Chloro-3-methylphenol	11000	UJ	ug/kg	11000	6700	U	ug/kg	6700	370	U	ug/kg	370	370	U	ug/kg	370
2-Methylnaphthalene	11000	UJ	ug/kg	11000	6700	U	ug/kg	6700	370	U	ug/kg	370	370	U	ug/kg	370
Hexachlorocyclopentadiene	11000	UJ	ug/kg	11000	6700	UJ	ug/kg	6700	370	U	ug/kg	370	370	U	ug/kg	370
2,4,6-Trichlorophenol	11000	UJ	ug/kg	11000	6700	U	ug/kg	6700	370	U	ug/kg	370	370	U	ug/kg	370
2,4,5-Trichlorophenol	53000	UJ	ug/kg	53000	32000	UJ	ug/kg	32000	1800	UJ	ug/kg	1800	1800	UJ	ug/kg	1800
2-Chloronaphthalene	11000	UJ	ug/kg	11000	6700	U	ug/kg	6700	370	U	ug/kg	370	370	U	ug/kg	370
2-Nitroaniline	53000	UJ	ug/kg	53000	32000	U	ug/kg	32000	1800	U	ug/kg	1800	1800	U	ug/kg	1800
Dimethylphthalate	11000	UJ	ug/kg	11000	6700	U	ug/kg	6700	370	U	ug/kg	370	370	U	ug/kg	370
Acenaphthylene	11000	UJ	ug/kg	11000	6700	U	ug/kg	6700	370	U	ug/kg	370	370	U	ug/kg	370
2,6-Dinitrotoluene	11000	UJ	ug/kg	11000	6700	U	ug/kg	6700	370	U	ug/kg	370	370	U	ug/kg	370
3-Nitroaniline	53000	UJ	ug/kg	53000	32000	UJ	ug/kg	32000	1800	UJ	ug/kg	1800	1800	UJ	ug/kg	1800
Acenaphthene	11000	UJ	ug/kg	11000	6700	U	ug/kg	6700	370	U	ug/kg	370	370	U	ug/kg	370
2,4-Dinitrophenol	53000	UJ	ug/kg	53000	32000	UJ	ug/kg	32000	1800	UJ	ug/kg	1800	1800	UJ	ug/kg	1800
4-Nitrophenol	53000	UJ	ug/kg	53000	32000	U	ug/kg	32000	1800	U	ug/kg	1800	1800	U	ug/kg	1800
Dibenzofuran	11000	UJ	ug/kg	11000	6700	U	ug/kg	6700	370	U	ug/kg	370	370	U	ug/kg	370
2,4-Dinitrotoluene	11000	UJ	ug/kg	11000	6700	U	ug/kg	6700	370	U	ug/kg	370	370	U	ug/kg	370
Diethylphthalate	11000	UJ	ug/kg	11000	6700	U	ug/kg	6700	370	U	ug/kg	370	370	U	ug/kg	370
4-Chlorophenyl-phenylether	11000	UJ	ug/kg	11000	6700	U	ug/kg	6700	370	U	ug/kg	370	370	U	ug/kg	370
Fluorene	11000	UJ	ug/kg	11000	6700	U	ug/kg	6700	370	U	ug/kg	370	370	U	ug/kg	370
4-Nitroaniline	53000	UJ	ug/kg	53000	32000	UJ	ug/kg	32000	1800	UJ	ug/kg	1800	1800	UJ	ug/kg	1800
4,6-Dinitro-2-methylphenol	53000	UJ	ug/kg	53000	32000	UJ	ug/kg	32000	1800	UJ	ug/kg	1800	1800	UJ	ug/kg	1800
N-Nitrosodiphenylamine (1)	11000	UJ	ug/kg	11000	6700	U	ug/kg	6700	370	U	ug/kg	370	370	U	ug/kg	370
4-Bromophenyl-phenylether	11000	UJ	ug/kg	11000	6700	U	ug/kg	6700	370	U	ug/kg	370	370	U	ug/kg	370
Hexachlorobenzene	11000	UJ	ug/kg	11000	6700	U	ug/kg	6700	370	U	ug/kg	370	370	U	ug/kg	370
Pentachlorophenol	53000	UJ	ug/kg	53000	32000	U	ug/kg	32000	1800	U	ug/kg	1800	1800	U	ug/kg	1800
Phenanthrene	11000	UJ	ug/kg	11000	6700	U	ug/kg	6700	370	U	ug/kg	370	370	U	ug/kg	370
Anthracene	11000	UJ	ug/kg	11000	6700	U	ug/kg	6700	370	U	ug/kg	370	370	U	ug/kg	370
Di-n-butylphthalate	11000	UJ	ug/kg	11000	6700	U	ug/kg	6700	370	U	ug/kg	370	370	U	ug/kg	370
Fluoranthene	11000	UJ	ug/kg	11000	6700	U	ug/kg	6700	370	U	ug/kg	370	370	U	ug/kg	370

WHITING FIELD ANALYTICAL RESULT REPORT
SEMIVOLATILE COMPOUNDS --- Site 31 --- VALIDATED DATA

Lab Sample Number:	22515016				22515017				22527002				22527003			
Site	WHITING				WHITING				WHITING				WHITING			
Locator	31-SL-14				31-SL-15				31-SL-02				31-SL-06			
Collect Date:	17-AUG-92				17-AUG-92				18-AUG-92				18-AUG-92			
	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL
Pyrene	11000	UJ	ug/kg	11000	6700	U	ug/kg	6700	370	U	ug/kg	370	370	U	ug/kg	370
Butylbenzylphthalate	11000	UJ	ug/kg	11000	6700	U	ug/kg	6700	370	U	ug/kg	370	370	U	ug/kg	370
3,3-Dichlorobenzidine	22000	UJ	ug/kg	22000	13000	UJ	ug/kg	13000	730	U	ug/kg	730	730	U	ug/kg	730
Benzo (a) anthracene	11000	UJ	ug/kg	11000	6700	U	ug/kg	6700	370	U	ug/kg	370	370	U	ug/kg	370
Chrysene	11000	UJ	ug/kg	11000	6700	U	ug/kg	6700	370	U	ug/kg	370	370	U	ug/kg	370
bis(2-Ethylhexyl) phthalate	2600	J	ug/kg	11000	720	J	ug/kg	6700	370	U	ug/kg	370	370	U	ug/kg	370
Di-n-octylphthalate	11000	UJ	ug/kg	11000	6700	U	ug/kg	6700	370	U	ug/kg	370	370	U	ug/kg	370
Benzo (b) fluoranthene	11000	UJ	ug/kg	11000	6700	U	ug/kg	6700	370	U	ug/kg	370	370	U	ug/kg	370
Benzo (k) fluoranthene	11000	UJ	ug/kg	11000	6700	U	ug/kg	6700	370	U	ug/kg	370	370	U	ug/kg	370
Benzo (a) pyrene	11000	UJ	ug/kg	11000	6700	U	ug/kg	6700	370	U	ug/kg	370	370	U	ug/kg	370
Indeno (1,2,3-cd) pyrene	11000	UJ	ug/kg	11000	6700	UJ	ug/kg	6700	370	U	ug/kg	370	370	U	ug/kg	370
Dibenz (a,h) anthracene	11000	UJ	ug/kg	11000	6700	UJ	ug/kg	6700	370	U	ug/kg	370	370	U	ug/kg	370
Benzo (g,h,i) perylene	11000	UJ	ug/kg	11000	6700	UJ	ug/kg	6700	370	U	ug/kg	370	370	U	ug/kg	370

U= NOT DETECTED J= ESTIMATED VALUE
UJ = REPORTED QUANTITATION LIMIT IS QUALIFIED AS ESTIMATED
R = RESULT IS REJECTED AND UNUSABLE

WHITING FIELD ANALYTICAL RESULT REPORT
SEMIVOLATILE COMPOUNDS --- Site 31 --- VALIDATED DATA

Lab Sample Number:	22527004				22527005				22527006				22527007			
Site	WHITING				WHITING				WHITING				WHITING			
Locator	31-SL-16				31-SL-17				31-SL-18				31-SL-19			
Collect Date:	18-AUG-92				18-AUG-92				18-AUG-92				18-AUG-92			
	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL
CLP SEMIVOLATILES 87-SOW																
Phenol	360	U	ug/kg	360	340	U	ug/kg	340	340	U	ug/kg	340	350	U	ug/kg	350
bis(2-Chloroethyl) ether	360	U	ug/kg	360	340	U	ug/kg	340	340	U	ug/kg	340	350	U	ug/kg	350
2-Chlorophenol	360	U	ug/kg	360	340	U	ug/kg	340	340	U	ug/kg	340	350	U	ug/kg	350
1,3-Dichlorobenzene	360	U	ug/kg	360	340	U	ug/kg	340	340	U	ug/kg	340	350	U	ug/kg	350
1,4-Dichlorobenzene	360	U	ug/kg	360	340	U	ug/kg	340	340	U	ug/kg	340	350	U	ug/kg	350
Benzyl alcohol	360	U	ug/kg	360	340	U	ug/kg	340	340	U	ug/kg	340	350	U	ug/kg	350
1,2-Dichlorobenzene	360	U	ug/kg	360	340	U	ug/kg	340	340	U	ug/kg	340	350	U	ug/kg	350
2-Methylphenol	360	U	ug/kg	360	340	U	ug/kg	340	340	U	ug/kg	340	350	U	ug/kg	350
Bis(2-Chloroisopropyl) ether	360	U	ug/kg	360	340	U	ug/kg	340	340	U	ug/kg	340	350	U	ug/kg	350
4-Methylphenol	360	U	ug/kg	360	340	U	ug/kg	340	340	U	ug/kg	340	350	U	ug/kg	350
N-Nitroso-di-n-propylamine	360	U	ug/kg	360	340	U	ug/kg	340	340	U	ug/kg	340	350	U	ug/kg	350
Hexachloroethane	360	U	ug/kg	360	340	U	ug/kg	340	340	U	ug/kg	340	350	U	ug/kg	350
Nitrobenzene	360	U	ug/kg	360	340	U	ug/kg	340	340	U	ug/kg	340	350	U	ug/kg	350
Isophorone	360	U	ug/kg	360	340	U	ug/kg	340	340	U	ug/kg	340	350	U	ug/kg	350
2-Nitrophenol	360	U	ug/kg	360	340	U	ug/kg	340	340	U	ug/kg	340	350	U	ug/kg	350
2,4-Dimethylphenol	360	U	ug/kg	360	340	U	ug/kg	340	340	U	ug/kg	340	350	U	ug/kg	350
Benzoic acid	1800	UJ	ug/kg	1800	1600	UJ	ug/kg	1600	1700	UJ	ug/kg	1700	1700	UJ	ug/kg	1700
bis(2-Chloroethoxy) methane	360	U	ug/kg	360	340	U	ug/kg	340	340	U	ug/kg	340	350	U	ug/kg	350
2,4-Dichlorophenol	360	U	ug/kg	360	340	U	ug/kg	340	340	U	ug/kg	340	350	U	ug/kg	350
1,2,4-Trichlorobenzene	360	U	ug/kg	360	340	U	ug/kg	340	340	U	ug/kg	340	350	U	ug/kg	350
Naphthalene	360	U	ug/kg	360	340	U	ug/kg	340	340	U	ug/kg	340	350	U	ug/kg	350
4-Chloroaniline	360	UJ	ug/kg	360	340	UJ	ug/kg	340	340	UJ	ug/kg	340	350	UJ	ug/kg	350
Hexachlorobutadiene	360	U	ug/kg	360	340	U	ug/kg	340	340	U	ug/kg	340	350	U	ug/kg	350
4-Chloro-3-methylphenol	360	U	ug/kg	360	340	U	ug/kg	340	340	U	ug/kg	340	350	U	ug/kg	350
2-Methylnaphthalene	360	U	ug/kg	360	340	U	ug/kg	340	340	U	ug/kg	340	350	U	ug/kg	350
Hexachlorocyclopentadiene	360	U	ug/kg	360	340	U	ug/kg	340	340	U	ug/kg	340	350	U	ug/kg	350
2,4,6-Trichlorophenol	360	U	ug/kg	360	340	U	ug/kg	340	340	U	ug/kg	340	350	U	ug/kg	350
2,4,5-Trichlorophenol	1800	UJ	ug/kg	1800	1600	UJ	ug/kg	1600	1700	UJ	ug/kg	1700	1700	UJ	ug/kg	1700
2-Chloronaphthalene	360	U	ug/kg	360	340	U	ug/kg	340	340	U	ug/kg	340	350	U	ug/kg	350
2-Nitroaniline	1800	U	ug/kg	1800	1600	U	ug/kg	1600	1700	U	ug/kg	1700	1700	U	ug/kg	1700
Dimethylphthalate	360	U	ug/kg	360	340	U	ug/kg	340	340	U	ug/kg	340	350	U	ug/kg	350
Acenaphthylene	360	U	ug/kg	360	340	U	ug/kg	340	340	U	ug/kg	340	350	U	ug/kg	350
2,6-Dinitrotoluene	360	U	ug/kg	360	340	U	ug/kg	340	340	U	ug/kg	340	350	U	ug/kg	350
3-Nitroaniline	1800	UJ	ug/kg	1800	1600	UJ	ug/kg	1600	1700	UJ	ug/kg	1700	1700	UJ	ug/kg	1700
Acenaphthene	360	U	ug/kg	360	340	U	ug/kg	340	340	U	ug/kg	340	350	U	ug/kg	350
2,4-Dinitrophenol	1800	UJ	ug/kg	1800	1600	UJ	ug/kg	1600	1700	UJ	ug/kg	1700	1700	UJ	ug/kg	1700
4-Nitrophenol	1800	U	ug/kg	1800	1600	U	ug/kg	1600	1700	U	ug/kg	1700	1700	U	ug/kg	1700
Dibenzofuran	360	U	ug/kg	360	340	U	ug/kg	340	340	U	ug/kg	340	350	U	ug/kg	350
2,4-Dinitrotoluene	360	U	ug/kg	360	340	U	ug/kg	340	340	U	ug/kg	340	350	U	ug/kg	350
Diethylphthalate	360	U	ug/kg	360	340	U	ug/kg	340	340	U	ug/kg	340	350	U	ug/kg	350
4-Chlorophenyl-phenylether	360	U	ug/kg	360	340	U	ug/kg	340	340	U	ug/kg	340	350	U	ug/kg	350
Fluorene	360	U	ug/kg	360	340	U	ug/kg	340	340	U	ug/kg	340	350	U	ug/kg	350
4-Nitroaniline	1800	UJ	ug/kg	1800	1600	UJ	ug/kg	1600	1700	UJ	ug/kg	1700	1700	UJ	ug/kg	1700
4,6-Dinitro-2-methylphenol	1800	UJ	ug/kg	1800	1600	UJ	ug/kg	1600	1700	UJ	ug/kg	1700	1700	UJ	ug/kg	1700
N-Nitrosodiphenylamine (1)	360	U	ug/kg	360	340	U	ug/kg	340	340	U	ug/kg	340	350	U	ug/kg	350
4-Bromophenyl-phenylether	360	U	ug/kg	360	340	U	ug/kg	340	340	U	ug/kg	340	350	U	ug/kg	350
Hexachlorobenzene	360	U	ug/kg	360	340	U	ug/kg	340	340	U	ug/kg	340	350	U	ug/kg	350
Pentachlorophenol	1800	U	ug/kg	1800	1600	U	ug/kg	1600	1700	U	ug/kg	1700	1700	U	ug/kg	1700
Phenanthrene	360	U	ug/kg	360	340	U	ug/kg	340	340	U	ug/kg	340	350	U	ug/kg	350
Anthracene	360	U	ug/kg	360	340	U	ug/kg	340	340	U	ug/kg	340	350	U	ug/kg	350
Di-n-butylphthalate	360	U	ug/kg	360	340	U	ug/kg	340	340	U	ug/kg	340	350	U	ug/kg	350
Fluoranthene	360	U	ug/kg	360	340	U	ug/kg	340	340	U	ug/kg	340	350	U	ug/kg	350

WHITING FIELD ANALYTICAL RESULT REPORT
SEMIVOLATILE COMPOUNDS --- Site 31 --- VALIDATED DATA

Lab Sample Number:	22527004				22527005				22527006				22527007			
Site	WHITING				WHITING				WHITING				WHITING			
Locator	31-SL-16				31-SL-17				31-SL-18				31-SL-19			
Collect Date:	18-AUG-92				18-AUG-92				18-AUG-92				18-AUG-92			
	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL
Pyrene	360	U	ug/kg	360	340	U	ug/kg	340	340	U	ug/kg	340	350	U	ug/kg	350
Butylbenzylphthalate	360	U	ug/kg	360	340	U	ug/kg	340	340	U	ug/kg	340	350	U	ug/kg	350
3,3-Dichlorobenzidine	730	U	ug/kg	730	680	U	ug/kg	680	690	U	ug/kg	690	690	U	ug/kg	690
Benzo (a) anthracene	360	U	ug/kg	360	340	U	ug/kg	340	340	U	ug/kg	340	350	U	ug/kg	350
Chrysene	360	U	ug/kg	360	340	U	ug/kg	340	340	U	ug/kg	340	350	U	ug/kg	350
bis(2-Ethylhexyl) phthalate	360	U	ug/kg	360	340	U	ug/kg	340	340	U	ug/kg	340	350	U	ug/kg	350
Di-n-octylphthalate	360	U	ug/kg	360	340	U	ug/kg	340	340	U	ug/kg	340	350	U	ug/kg	350
Benzo (b) fluoranthene	360	U	ug/kg	360	340	U	ug/kg	340	340	U	ug/kg	340	350	U	ug/kg	350
Benzo (k) fluoranthene	360	U	ug/kg	360	340	U	ug/kg	340	340	U	ug/kg	340	350	U	ug/kg	350
Benzo (a) pyrene	360	U	ug/kg	360	340	U	ug/kg	340	340	U	ug/kg	340	350	U	ug/kg	350
Indeno (1,2,3-cd) pyrene	360	U	ug/kg	360	340	U	ug/kg	340	340	U	ug/kg	340	350	U	ug/kg	350
Dibenz (a,h) anthracene	360	U	ug/kg	360	340	U	ug/kg	340	340	U	ug/kg	340	350	U	ug/kg	350
Benzo (g,h,i) perylene	360	U	ug/kg	360	340	U	ug/kg	340	340	U	ug/kg	340	350	U	ug/kg	350

U= NOT DETECTED J= ESTIMATED VALUE
UJ PORTED QUANTITATION LIMIT IS QUALIFIED AS ESTIMATED
R ULT IS REJECTED AND UNUSABLE

WHITING FIELD ANALYTICAL RESULT REPORT
SEMIVOLATILE COMPOUNDS --- Site 31 --- VALIDATED DATA

Lab Sample Number:	22527008				22527009				22528001				22528002			
Site	WHITING				WHITING				WHITING				WHITING			
Locator	31-SL-20				31-SL-21				31-SL-22				31-SL-22A			
Collect Date:	18-AUG-92				18-AUG-92				18-AUG-92				18-AUG-92			
	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL
CLP SEMIVOLATILES 87-SOW																
Phenol	340	U	ug/kg	340	340	U	ug/kg	340	340	U	ug/kg	340	340	U	ug/kg	340
bis(2-Chloroethyl) ether	340	U	ug/kg	340	340	U	ug/kg	340	340	U	ug/kg	340	340	U	ug/kg	340
2-Chlorophenol	340	U	ug/kg	340	340	U	ug/kg	340	340	U	ug/kg	340	340	U	ug/kg	340
1,3-Dichlorobenzene	340	U	ug/kg	340	340	U	ug/kg	340	340	U	ug/kg	340	340	U	ug/kg	340
1,4-Dichlorobenzene	340	U	ug/kg	340	340	U	ug/kg	340	340	U	ug/kg	340	340	U	ug/kg	340
Benzyl alcohol	340	U	ug/kg	340	340	U	ug/kg	340	340	U	ug/kg	340	340	U	ug/kg	340
1,2-Dichlorobenzene	340	U	ug/kg	340	340	U	ug/kg	340	340	U	ug/kg	340	340	U	ug/kg	340
2-Methylphenol	340	U	ug/kg	340	340	U	ug/kg	340	340	U	ug/kg	340	340	U	ug/kg	340
Bis(2-Chloroisopropyl) ether	340	U	ug/kg	340	340	U	ug/kg	340	340	U	ug/kg	340	340	U	ug/kg	340
4-Methylphenol	340	U	ug/kg	340	340	U	ug/kg	340	340	U	ug/kg	340	340	U	ug/kg	340
N-Nitroso-di-n-propylamine	340	U	ug/kg	340	340	U	ug/kg	340	340	U	ug/kg	340	340	U	ug/kg	340
Hexachloroethane	340	U	ug/kg	340	340	U	ug/kg	340	340	U	ug/kg	340	340	U	ug/kg	340
Nitrobenzene	340	U	ug/kg	340	340	U	ug/kg	340	340	U	ug/kg	340	340	U	ug/kg	340
Isophorone	340	U	ug/kg	340	340	U	ug/kg	340	340	U	ug/kg	340	340	U	ug/kg	340
2-Nitrophenol	340	U	ug/kg	340	340	U	ug/kg	340	340	U	ug/kg	340	340	U	ug/kg	340
2,4-Dimethylphenol	340	U	ug/kg	340	340	U	ug/kg	340	340	U	ug/kg	340	340	U	ug/kg	340
Benzoic acid	1700	UJ	ug/kg	1700	1700	UJ	ug/kg	1700	1600	UJ	ug/kg	1600	1600	UJ	ug/kg	1600
bis(2-Chloroethoxy) methane	340	U	ug/kg	340	340	U	ug/kg	340	340	U	ug/kg	340	340	U	ug/kg	340
2,4-Dichlorophenol	340	U	ug/kg	340	340	U	ug/kg	340	340	U	ug/kg	340	340	U	ug/kg	340
1,2,4-Trichlorobenzene	340	U	ug/kg	340	340	U	ug/kg	340	340	U	ug/kg	340	340	U	ug/kg	340
Naphthalene	340	U	ug/kg	340	340	U	ug/kg	340	340	U	ug/kg	340	340	U	ug/kg	340
4-Chloroaniline	340	UJ	ug/kg	340	340	UJ	ug/kg	340	340	UJ	ug/kg	340	340	UJ	ug/kg	340
Hexachlorobutadiene	340	U	ug/kg	340	340	U	ug/kg	340	340	U	ug/kg	340	340	U	ug/kg	340
4-Chloro-3-methylphenol	340	U	ug/kg	340	340	U	ug/kg	340	340	U	ug/kg	340	340	U	ug/kg	340
2-Methylnaphthalene	340	U	ug/kg	340	340	U	ug/kg	340	340	U	ug/kg	340	340	U	ug/kg	340
Hexachlorocyclopentadiene	340	U	ug/kg	340	340	U	ug/kg	340	340	UJ	ug/kg	340	340	UJ	ug/kg	340
2,4,6-Trichlorophenol	340	U	ug/kg	340	340	U	ug/kg	340	340	U	ug/kg	340	340	U	ug/kg	340
2,4,5-Trichlorophenol	1700	UJ	ug/kg	1700	1700	UJ	ug/kg	1700	1600	UJ	ug/kg	1600	1600	UJ	ug/kg	1600
2-Chloronaphthalene	340	U	ug/kg	340	340	U	ug/kg	340	340	U	ug/kg	340	340	U	ug/kg	340
2-Nitroaniline	1700	U	ug/kg	1700	1700	U	ug/kg	1700	1600	U	ug/kg	1600	1600	U	ug/kg	1600
Dimethylphthalate	340	U	ug/kg	340	340	U	ug/kg	340	340	U	ug/kg	340	340	U	ug/kg	340
Acenaphthylene	340	U	ug/kg	340	340	U	ug/kg	340	340	U	ug/kg	340	340	U	ug/kg	340
2,6-Dinitrotoluene	340	U	ug/kg	340	340	U	ug/kg	340	340	U	ug/kg	340	340	U	ug/kg	340
3-Nitroaniline	1700	UJ	ug/kg	1700	1700	UJ	ug/kg	1700	1600	UJ	ug/kg	1600	1600	UJ	ug/kg	1600
Acenaphthene	340	U	ug/kg	340	340	U	ug/kg	340	340	U	ug/kg	340	340	U	ug/kg	340
2,4-Dinitrophenol	1700	UJ	ug/kg	1700	1700	UJ	ug/kg	1700	1600	UJ	ug/kg	1600	1600	UJ	ug/kg	1600
4-Nitrophenol	1700	U	ug/kg	1700	1700	U	ug/kg	1700	1600	U	ug/kg	1600	1600	U	ug/kg	1600
Dibenzofuran	340	U	ug/kg	340	340	U	ug/kg	340	340	U	ug/kg	340	340	U	ug/kg	340
2,4-Dinitrotoluene	340	U	ug/kg	340	340	U	ug/kg	340	340	U	ug/kg	340	340	U	ug/kg	340
Diethylphthalate	340	U	ug/kg	340	340	U	ug/kg	340	340	U	ug/kg	340	340	U	ug/kg	340
4-Chlorophenyl-phenylether	340	U	ug/kg	340	340	U	ug/kg	340	340	U	ug/kg	340	340	U	ug/kg	340
Fluorene	340	U	ug/kg	340	340	U	ug/kg	340	340	U	ug/kg	340	340	U	ug/kg	340
4-Nitroaniline	1700	UJ	ug/kg	1700	1700	UJ	ug/kg	1700	1600	UJ	ug/kg	1600	1600	UJ	ug/kg	1600
4,6-Dinitro-2-methylphenol	1700	UJ	ug/kg	1700	1700	UJ	ug/kg	1700	1600	UJ	ug/kg	1600	1600	UJ	ug/kg	1600
N-Nitrosodiphenylamine (1)	340	U	ug/kg	340	340	U	ug/kg	340	340	U	ug/kg	340	340	U	ug/kg	340
4-Bromophenyl-phenylether	340	U	ug/kg	340	340	U	ug/kg	340	340	U	ug/kg	340	340	U	ug/kg	340
Hexachlorobenzene	340	U	ug/kg	340	340	U	ug/kg	340	340	U	ug/kg	340	340	U	ug/kg	340
Pentachlorophenol	1700	U	ug/kg	1700	1700	U	ug/kg	1700	1600	U	ug/kg	1600	1600	U	ug/kg	1600
Phenanthrene	340	U	ug/kg	340	340	U	ug/kg	340	340	U	ug/kg	340	340	U	ug/kg	340
Anthracene	340	U	ug/kg	340	340	U	ug/kg	340	340	U	ug/kg	340	340	U	ug/kg	340
Di-n-butylphthalate	340	U	ug/kg	340	340	U	ug/kg	340	340	U	ug/kg	340	340	U	ug/kg	340
Fluoranthene	340	U	ug/kg	340	340	U	ug/kg	340	340	U	ug/kg	340	340	U	ug/kg	340

WHITING FIELD ANALYTICAL RESULT REPORT
SEMIVOLATILE COMPOUNDS --- Site 31 --- VALIDATED DATA

Lab Sample Number:	22527008				22527009				22528001				22528002			
Site	WHITING				WHITING				WHITING				WHITING			
Locator	31-SL-20				31-SL-21				31-SL-22				31-SL-22A			
Collect Date:	18-AUG-92				18-AUG-92				18-AUG-92				18-AUG-92			
	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL
Pyrene	340	U	ug/kg	340	340	U	ug/kg	340	340	U	ug/kg	340	340	U	ug/kg	340
Butylbenzylphthalate	340	U	ug/kg	340	340	U	ug/kg	340	340	U	ug/kg	340	340	U	ug/kg	340
3,3-Dichlorobenzidine	690	U	ug/kg	690	690	U	ug/kg	690	680	UJ	ug/kg	680	680	UJ	ug/kg	680
Benzo (a) anthracene	340	U	ug/kg	340	340	U	ug/kg	340	340	U	ug/kg	340	340	U	ug/kg	340
Chrysene	340	U	ug/kg	340	340	U	ug/kg	340	340	U	ug/kg	340	340	U	ug/kg	340
bis(2-Ethylhexyl) phthalate	340	U	ug/kg	340	340	U	ug/kg	340	340	U	ug/kg	340	340	U	ug/kg	340
Di-n-octylphthalate	340	U	ug/kg	340	340	U	ug/kg	340	340	U	ug/kg	340	340	U	ug/kg	340
Benzo (b) fluoranthene	340	U	ug/kg	340	340	U	ug/kg	340	340	U	ug/kg	340	340	U	ug/kg	340
Benzo (k) fluoranthene	340	U	ug/kg	340	340	U	ug/kg	340	340	U	ug/kg	340	340	U	ug/kg	340
Benzo (a) pyrene	340	U	ug/kg	340	340	U	ug/kg	340	340	U	ug/kg	340	340	U	ug/kg	340
Indeno (1,2,3-cd) pyrene	340	U	ug/kg	340	340	U	ug/kg	340	340	UJ	ug/kg	340	340	UJ	ug/kg	340
Dibenz (a,h) anthracene	340	U	ug/kg	340	340	U	ug/kg	340	340	UJ	ug/kg	340	340	UJ	ug/kg	340
Benzo (g,h,i) perylene	340	U	ug/kg	340	340	U	ug/kg	340	340	UJ	ug/kg	340	340	UJ	ug/kg	340

U= NOT DETECTED J= ESTIMATED VALUE
UJ - REPORTED QUANTITATION LIMIT IS QUALIFIED AS ESTIMATED
R(SULT IS REJECTED AND UNUSABLE

WHITING FIELD ANALYTICAL RESULT REPORT
SEMIVOLATILE COMPOUNDS --- Site 31 --- VALIDATED DATA

Lab Sample Number:	22528M01				22528D01				22527010				22527011			
Site	WHITING				WHITING				WHITING				WHITING			
Locator	31-SL-22MS				31-SL-22MSD				31-SL-23				31-SL-24			
Collect Date:	18-AUG-92				18-AUG-92				18-AUG-92				18-AUG-92			
	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL
CLP SEMIVOLATILES 87-SOW																
Phenol	340	U	ug/kg	340	340	U	ug/kg	340	350	U	ug/kg	350	350	U	ug/kg	350
bis(2-Chloroethyl) ether	340	U	ug/kg	340	340	U	ug/kg	340	350	U	ug/kg	350	350	U	ug/kg	350
2-Chlorophenol	340	U	ug/kg	340	340	U	ug/kg	340	350	U	ug/kg	350	350	U	ug/kg	350
1,3-Dichlorobenzene	340	U	ug/kg	340	340	U	ug/kg	340	350	U	ug/kg	350	350	U	ug/kg	350
1,4-Dichlorobenzene	340	U	ug/kg	340	340	U	ug/kg	340	350	U	ug/kg	350	350	U	ug/kg	350
Benzyl alcohol	340	U	ug/kg	340	340	U	ug/kg	340	350	U	ug/kg	350	350	U	ug/kg	350
1,2-Dichlorobenzene	340	U	ug/kg	340	340	U	ug/kg	340	350	U	ug/kg	350	350	U	ug/kg	350
2-Methylphenol	340	U	ug/kg	340	340	U	ug/kg	340	350	U	ug/kg	350	350	U	ug/kg	350
Bis(2-Chloroisopropyl) ether	340	U	ug/kg	340	340	U	ug/kg	340	350	U	ug/kg	350	350	U	ug/kg	350
4-Methylphenol	340	U	ug/kg	340	340	U	ug/kg	340	350	U	ug/kg	350	350	U	ug/kg	350
N-Nitroso-di-n-propylamine	340	U	ug/kg	340	340	U	ug/kg	340	350	U	ug/kg	350	350	U	ug/kg	350
Hexachloroethane	340	U	ug/kg	340	340	U	ug/kg	340	350	U	ug/kg	350	350	U	ug/kg	350
Nitrobenzene	340	U	ug/kg	340	340	U	ug/kg	340	350	U	ug/kg	350	350	U	ug/kg	350
Isophorone	340	U	ug/kg	340	340	U	ug/kg	340	350	U	ug/kg	350	350	U	ug/kg	350
2-Nitrophenol	340	U	ug/kg	340	340	U	ug/kg	340	350	U	ug/kg	350	350	U	ug/kg	350
2,4-Dimethylphenol	340	U	ug/kg	340	340	U	ug/kg	340	350	U	ug/kg	350	350	U	ug/kg	350
Benzoic acid	1600	U	ug/kg	1600	1600	U	ug/kg	1600	1700	UJ	ug/kg	1700	1700	UJ	ug/kg	1700
bis(2-Chloroethoxy) methane	340	U	ug/kg	340	340	U	ug/kg	340	350	U	ug/kg	350	350	U	ug/kg	350
2,4-Dichlorophenol	340	U	ug/kg	340	340	U	ug/kg	340	350	U	ug/kg	350	350	U	ug/kg	350
1,2,4-Trichlorobenzene	340	U	ug/kg	340	340	U	ug/kg	340	350	U	ug/kg	350	350	U	ug/kg	350
Naphthalene	340	U	ug/kg	340	340	U	ug/kg	340	350	U	ug/kg	350	350	U	ug/kg	350
4-Chloroaniline	340	U	ug/kg	340	340	U	ug/kg	340	350	UJ	ug/kg	350	350	UJ	ug/kg	350
Hexachlorobutadiene	340	U	ug/kg	340	340	U	ug/kg	340	350	U	ug/kg	350	350	U	ug/kg	350
4-Chloro-3-methylphenol	340	U	ug/kg	340	340	U	ug/kg	340	350	U	ug/kg	350	350	U	ug/kg	350
2-Methylnaphthalene	340	U	ug/kg	340	340	U	ug/kg	340	350	U	ug/kg	350	350	U	ug/kg	350
Hexachlorocyclopentadiene	340	U	ug/kg	340	340	U	ug/kg	340	350	U	ug/kg	350	350	U	ug/kg	350
2,4,6-Trichlorophenol	340	U	ug/kg	340	340	U	ug/kg	340	350	U	ug/kg	350	350	U	ug/kg	350
2,4,5-Trichlorophenol	1600	U	ug/kg	1600	1600	U	ug/kg	1600	1700	UJ	ug/kg	1700	1700	UJ	ug/kg	1700
2-Chloronaphthalene	340	U	ug/kg	340	340	U	ug/kg	340	350	U	ug/kg	350	350	U	ug/kg	350
2-Nitroaniline	1600	U	ug/kg	1600	1600	U	ug/kg	1600	1700	U	ug/kg	1700	1700	U	ug/kg	1700
Dimethylphthalate	340	U	ug/kg	340	340	U	ug/kg	340	350	U	ug/kg	350	350	U	ug/kg	350
Acenaphthylene	340	U	ug/kg	340	340	U	ug/kg	340	350	U	ug/kg	350	350	U	ug/kg	350
2,6-Dinitrotoluene	340	U	ug/kg	340	340	U	ug/kg	340	350	U	ug/kg	350	350	U	ug/kg	350
3-Nitroaniline	1600	U	ug/kg	1600	1600	U	ug/kg	1600	1700	UJ	ug/kg	1700	1700	UJ	ug/kg	1700
Acenaphthene	340	U	ug/kg	340	340	U	ug/kg	340	350	U	ug/kg	350	350	U	ug/kg	350
2,4-Dinitrophenol	1600	U	ug/kg	1600	1600	U	ug/kg	1600	1700	UJ	ug/kg	1700	1700	UJ	ug/kg	1700
4-Nitrophenol	1600	U	ug/kg	1600	1600	U	ug/kg	1600	1700	U	ug/kg	1700	1700	U	ug/kg	1700
Dibenzofuran	340	U	ug/kg	340	340	U	ug/kg	340	350	U	ug/kg	350	350	U	ug/kg	350
2,4-Dinitrotoluene	340	U	ug/kg	340	340	U	ug/kg	340	350	U	ug/kg	350	350	U	ug/kg	350
Diethylphthalate	340	U	ug/kg	340	340	U	ug/kg	340	350	U	ug/kg	350	350	U	ug/kg	350
4-Chlorophenyl-phenylether	340	U	ug/kg	340	340	U	ug/kg	340	350	U	ug/kg	350	350	U	ug/kg	350
Fluorene	340	U	ug/kg	340	340	U	ug/kg	340	350	U	ug/kg	350	350	U	ug/kg	350
4-Nitroaniline	1600	U	ug/kg	1600	1600	U	ug/kg	1600	1700	UJ	ug/kg	1700	1700	UJ	ug/kg	1700
4,6-Dinitro-2-methylphenol	1600	U	ug/kg	1600	1600	U	ug/kg	1600	1700	UJ	ug/kg	1700	1700	UJ	ug/kg	1700
N-Nitrosodiphenylamine (1)	340	U	ug/kg	340	340	U	ug/kg	340	350	U	ug/kg	350	350	U	ug/kg	350
4-Bromophenyl-phenylether	340	U	ug/kg	340	340	U	ug/kg	340	350	U	ug/kg	350	350	U	ug/kg	350
Hexachlorobenzene	340	U	ug/kg	340	340	U	ug/kg	340	350	U	ug/kg	350	350	U	ug/kg	350
Pentachlorophenol	1600	U	ug/kg	1600	1600	U	ug/kg	1600	1700	U	ug/kg	1700	1700	U	ug/kg	1700
Phenanthrene	340	U	ug/kg	340	340	U	ug/kg	340	350	U	ug/kg	350	350	U	ug/kg	350
Anthracene	340	U	ug/kg	340	340	U	ug/kg	340	350	U	ug/kg	350	350	U	ug/kg	350
Di-n-butylphthalate	340	U	ug/kg	340	340	U	ug/kg	340	350	U	ug/kg	350	350	U	ug/kg	350
Fluoranthene	340	U	ug/kg	340	340	U	ug/kg	340	350	U	ug/kg	350	350	U	ug/kg	350

WHITING FIELD ANALYTICAL RESULT REPORT
SEMIVOLATILE COMPOUNDS --- Site 31 --- VALIDATED DATA

	22528M01				22528D01				22527010				22527011			
Lab Sample Number:																
Site	WHITING				WHITING				WHITING				WHITING			
Locator	31-SL-22MS				31-SL-22MSD				31-SL-23				31-SL-24			
Collect Date:	18-AUG-92				18-AUG-92				18-AUG-92				18-AUG-92			
	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL
Pyrene	340	U	ug/kg	340	340	U	ug/kg	340	350	U	ug/kg	350	350	U	ug/kg	350
Butylbenzylphthalate	340	U	ug/kg	340	340	U	ug/kg	340	350	U	ug/kg	350	350	U	ug/kg	350
3,3-Dichlorobenzidine	680	U	ug/kg	680	680	U	ug/kg	680	690	U	ug/kg	690	690	U	ug/kg	690
Benzo (a) anthracene	340	U	ug/kg	340	340	U	ug/kg	340	350	U	ug/kg	350	350	U	ug/kg	350
Chrysene	340	U	ug/kg	340	340	U	ug/kg	340	350	U	ug/kg	350	350	U	ug/kg	350
bis(2-Ethylhexyl) phthalate	340	U	ug/kg	340	340	U	ug/kg	340	350	U	ug/kg	350	350	U	ug/kg	350
Di-n-octylphthalate	340	U	ug/kg	340	340	U	ug/kg	340	350	U	ug/kg	350	350	U	ug/kg	350
Benzo (b) fluoranthene	340	U	ug/kg	340	340	U	ug/kg	340	350	U	ug/kg	350	350	U	ug/kg	350
Benzo (k) fluoranthene	340	U	ug/kg	340	340	U	ug/kg	340	350	U	ug/kg	350	350	U	ug/kg	350
Benzo (a) pyrene	340	U	ug/kg	340	340	U	ug/kg	340	350	U	ug/kg	350	350	U	ug/kg	350
Indeno (1,2,3-cd) pyrene	340	U	ug/kg	340	340	U	ug/kg	340	350	U	ug/kg	350	350	U	ug/kg	350
Dibenz (a,h) anthracene	340	U	ug/kg	340	340	U	ug/kg	340	350	U	ug/kg	350	350	U	ug/kg	350
Benzo (g,h,i) perylene	340	U	ug/kg	340	340	U	ug/kg	340	350	U	ug/kg	350	350	U	ug/kg	350

U= NOT DETECTED J= ESTIMATED VALUE
UJ = REPORTED QUANTITATION LIMIT IS QUALIFIED AS ESTIMATED
R = RESULT IS REJECTED AND UNUSABLE

WHITING FIELD ANALYTICAL RESULT REPORT
PESTICIDES AND PCBS --- Site 31 --- VALIDATED DATA

	22515001				22515004				22515003				22515005			
Lab Sample Number:																
Site	WHITING				WHITING				WHITING				WHITING			
Locator	31-SL-01				31-SL-03				31-SL-04				31-SL-05			
Collect Date:	17-AUG-93				17-AUG-93				17-AUG-93				17-AUG-93			
	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL
CLP PESTICIDES/PCBS 87-SOW																
alpha-BHC	8.9	U	ug/kg	8.9	8.7	U	ug/kg	8.7	8.7	U	ug/kg	8.7	8.8	U	ug/kg	8.8
beta-BHC	8.9	U	ug/kg	8.9	8.7	U	ug/kg	8.7	8.7	U	ug/kg	8.7	8.8	U	ug/kg	8.8
delta-BHC	8.9	U	ug/kg	8.9	8.7	U	ug/kg	8.7	8.7	U	ug/kg	8.7	8.8	U	ug/kg	8.8
gamma-BHC (Lindane)	8.9	U	ug/kg	8.9	8.7	U	ug/kg	8.7	8.7	U	ug/kg	8.7	8.8	U	ug/kg	8.8
Heptachlor	8.9	U	ug/kg	8.9	8.7	U	ug/kg	8.7	8.7	U	ug/kg	8.7	8.8	U	ug/kg	8.8
Aldrin	8.9	U	ug/kg	8.9	8.7	U	ug/kg	8.7	8.7	U	ug/kg	8.7	8.8	U	ug/kg	8.8
Heptachlor epoxide	8.9	U	ug/kg	8.9	8.7	U	ug/kg	8.7	8.7	U	ug/kg	8.7	8.8	U	ug/kg	8.8
Endosulfan I	8.9	U	ug/kg	8.9	8.7	U	ug/kg	8.7	8.7	U	ug/kg	8.7	8.8	U	ug/kg	8.8
Dieldrin	18	U	ug/kg	18	17	U	ug/kg	17	17	U	ug/kg	17	18	U	ug/kg	18
4,4-DDE	18	U	ug/kg	18	17	U	ug/kg	17	17	U	ug/kg	17	18	U	ug/kg	18
Endrin	18	U	ug/kg	18	17	U	ug/kg	17	17	U	ug/kg	17	18	U	ug/kg	18
Endosulfan II	18	U	ug/kg	18	17	U	ug/kg	17	17	U	ug/kg	17	18	U	ug/kg	18
4,4-DDD	18	U	ug/kg	18	17	U	ug/kg	17	17	U	ug/kg	17	18	U	ug/kg	18
Endosulfan sulfate	18	U	ug/kg	18	17	U	ug/kg	17	17	U	ug/kg	17	18	U	ug/kg	18
4,4-DDT	18	U	ug/kg	18	17	U	ug/kg	17	17	U	ug/kg	17	18	U	ug/kg	18
Methoxychlor	89	U	ug/kg	89	87	U	ug/kg	87	87	U	ug/kg	87	88	U	ug/kg	88
Endrin ketone	18	U	ug/kg	18	17	U	ug/kg	17	17	U	ug/kg	17	18	U	ug/kg	18
alpha-Chlordane	89	U	ug/kg	89	87	U	ug/kg	87	87	U	ug/kg	87	88	U	ug/kg	88
gamma-Chlordane	89	U	ug/kg	89	87	U	ug/kg	87	87	U	ug/kg	87	88	U	ug/kg	88
Toxaphene	180	U	ug/kg	180	170	U	ug/kg	170	170	U	ug/kg	170	180	U	ug/kg	180
Aroclor-1016	89	U	ug/kg	89	87	U	ug/kg	87	87	U	ug/kg	87	88	U	ug/kg	88
Aroclor-1221	89	U	ug/kg	89	87	U	ug/kg	87	87	U	ug/kg	87	88	U	ug/kg	88
Aroclor-1232	89	U	ug/kg	89	87	U	ug/kg	87	87	U	ug/kg	87	88	U	ug/kg	88
Aroclor-1242	89	U	ug/kg	89	87	U	ug/kg	87	87	U	ug/kg	87	88	U	ug/kg	88
Aroclor-1248	89	U	ug/kg	89	87	U	ug/kg	87	87	U	ug/kg	87	88	U	ug/kg	88
Aroclor-1254	180	U	ug/kg	180	170	U	ug/kg	170	170	U	ug/kg	170	180	U	ug/kg	180
Aroclor-1260	180	U	ug/kg	180	170	U	ug/kg	170	170	U	ug/kg	170	180	U	ug/kg	180

U= NOT DETECTED J= ESTIMATED VALUE
UJ = REPORTED QUANTITATION LIMIT IS QUALIFIED AS ESTIMATED
R = RESULT IS REJECTED AND UNUSABLE

WHITING FIELD ANALYTICAL RESULT REPORT
PESTICIDES AND PCBS --- Site 31 --- VALIDATED DATA

Lab Sample Number:	22515007				22515008				22515009				22515011			
Site	WHITING				WHITING				WHITING				WHITING			
Locator	31-SL-07				31-SL-07A				31-SL-08				31-SL-09			
Collect Date:	17-AUG-93				17-AUG-93				17-AUG-93				17-AUG-93			
	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL
CLP PESTICIDES/PCBS 87-SOW																
alpha-BHC	8.8	U	ug/kg	8.8	8.8	U	ug/kg	8.8	8.7	U	ug/kg	8.7	8.6	U	ug/kg	8.6
beta-BHC	8.8	U	ug/kg	8.8	8.8	U	ug/kg	8.8	8.7	U	ug/kg	8.7	8.6	U	ug/kg	8.6
delta-BHC	8.8	U	ug/kg	8.8	8.8	U	ug/kg	8.8	8.7	U	ug/kg	8.7	8.6	U	ug/kg	8.6
gamma-BHC (Lindane)	8.8	U	ug/kg	8.8	8.8	U	ug/kg	8.8	8.7	U	ug/kg	8.7	8.6	U	ug/kg	8.6
Heptachlor	8.8	U	ug/kg	8.8	8.8	U	ug/kg	8.8	8.7	U	ug/kg	8.7	8.6	U	ug/kg	8.6
Aldrin	8.8	U	ug/kg	8.8	8.8	U	ug/kg	8.8	8.7	U	ug/kg	8.7	8.6	U	ug/kg	8.6
Heptachlor epoxide	8.8	U	ug/kg	8.8	8.8	U	ug/kg	8.8	8.7	U	ug/kg	8.7	8.6	U	ug/kg	8.6
Endosulfan I	8.8	U	ug/kg	8.8	8.8	U	ug/kg	8.8	8.7	U	ug/kg	8.7	8.6	U	ug/kg	8.6
Dieldrin	18	U	ug/kg	18	18	U	ug/kg	18	17	U	ug/kg	17	17	U	ug/kg	17
4,4-DDE	18	U	ug/kg	18	18	U	ug/kg	18	17	U	ug/kg	17	17	U	ug/kg	17
Endrin	18	U	ug/kg	18	18	U	ug/kg	18	17	U	ug/kg	17	17	U	ug/kg	17
Endosulfan II	18	U	ug/kg	18	18	U	ug/kg	18	17	U	ug/kg	17	17	U	ug/kg	17
4,4-DDD	18	U	ug/kg	18	18	U	ug/kg	18	17	U	ug/kg	17	17	U	ug/kg	17
Endosulfan sulfate	18	U	ug/kg	18	18	U	ug/kg	18	17	U	ug/kg	17	17	U	ug/kg	17
4,4-DDT	18	U	ug/kg	18	18	U	ug/kg	18	17	U	ug/kg	17	17	U	ug/kg	17
Methoxychlor	88	U	ug/kg	88	88	U	ug/kg	88	87	U	ug/kg	87	86	U	ug/kg	86
Endrin ketone	18	U	ug/kg	18	18	U	ug/kg	18	17	U	ug/kg	17	17	U	ug/kg	17
alpha-Chlordane	88	U	ug/kg	88	88	U	ug/kg	88	87	U	ug/kg	87	86	U	ug/kg	86
gamma-Chlordane	88	U	ug/kg	88	88	U	ug/kg	88	87	U	ug/kg	87	86	U	ug/kg	86
Toxaphene	180	U	ug/kg	180	180	U	ug/kg	180	170	U	ug/kg	170	170	U	ug/kg	170
Aroclor-1016	88	U	ug/kg	88	88	U	ug/kg	88	87	U	ug/kg	87	86	U	ug/kg	86
Aroclor-1221	88	U	ug/kg	88	88	U	ug/kg	88	87	U	ug/kg	87	86	U	ug/kg	86
Aroclor-1232	88	U	ug/kg	88	88	U	ug/kg	88	87	U	ug/kg	87	86	U	ug/kg	86
Aroclor-1242	88	U	ug/kg	88	88	U	ug/kg	88	87	U	ug/kg	87	86	U	ug/kg	86
Aroclor-1248	88	U	ug/kg	88	88	U	ug/kg	88	87	U	ug/kg	87	86	U	ug/kg	86
Aroclor-1254	180	U	ug/kg	180	180	U	ug/kg	180	170	U	ug/kg	170	170	U	ug/kg	170
Aroclor-1260	180	U	ug/kg	180	180	U	ug/kg	180	170	U	ug/kg	170	170	U	ug/kg	170

U= NOT DETECTED J= ESTIMATED VALUE
UJ - REPORTED QUANTITATION LIMIT IS QUALIFIED AS ESTIMATED
R - RESULT IS REJECTED AND UNUSABLE

WHITING FIELD ANALYTICAL RESULT REPORT
PESTICIDES AND PCBS --- Site 31 --- VALIDATED DATA

	22515012				22515013				22515014				22515015			
Lab Sample Number:																
Site	WHITING				WHITING				WHITING				WHITING			
Locator	31-SL-10				31-SL-11				31-SL-12				31-SL-13			
Collect Date:	17-AUG-93				17-AUG-93				17-AUG-93				17-AUG-93			
	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL
CLP PESTICIDES/PCBS 87-SOW																
alpha-BHC	18	U	ug/kg	18	8.5	U	ug/kg	8.5	18	U	ug/kg	18	18	U	ug/kg	18
beta-BHC	18	U	ug/kg	18	8.5	U	ug/kg	8.5	18	U	ug/kg	18	18	U	ug/kg	18
delta-BHC	18	U	ug/kg	18	8.5	U	ug/kg	8.5	18	U	ug/kg	18	18	U	ug/kg	18
gamma-BHC (Lindane)	18	U	ug/kg	18	8.5	U	ug/kg	8.5	18	U	ug/kg	18	18	U	ug/kg	18
Heptachlor	18	U	ug/kg	18	8.5	U	ug/kg	8.5	18	U	ug/kg	18	18	U	ug/kg	18
Aldrin	18	U	ug/kg	18	8.5	U	ug/kg	8.5	18	U	ug/kg	18	18	U	ug/kg	18
Heptachlor epoxide	18	U	ug/kg	18	8.5	U	ug/kg	8.5	18	U	ug/kg	18	18	U	ug/kg	18
Endosulfan I	18	U	ug/kg	18	8.5	U	ug/kg	8.5	18	U	ug/kg	18	18	U	ug/kg	18
Dieldrin	35	U	ug/kg	35	17	U	ug/kg	17	27	J	ug/kg	36	33	J	ug/kg	36
4,4-DDE	35	U	ug/kg	35	17	U	ug/kg	17	28	J	ug/kg	36	28	J	ug/kg	36
Endrin	35	U	ug/kg	35	17	U	ug/kg	17	36	U	ug/kg	36	36	U	ug/kg	36
Endosulfan II	35	U	ug/kg	35	17	U	ug/kg	17	36	U	ug/kg	36	36	U	ug/kg	36
4,4-DDD	35	U	ug/kg	35	17	U	ug/kg	17	36	U	ug/kg	36	36	U	ug/kg	36
Endosulfan sulfate	35	U	ug/kg	35	17	U	ug/kg	17	36	U	ug/kg	36	36	U	ug/kg	36
4,4-DDT	35	U	ug/kg	35	17	U	ug/kg	17	36	U	ug/kg	36	36	U	ug/kg	36
Methoxychlor	180	U	ug/kg	180	85	U	ug/kg	85	180	U	ug/kg	180	180	U	ug/kg	180
Endrin ketone	35	U	ug/kg	35	17	U	ug/kg	17	36	U	ug/kg	36	36	U	ug/kg	36
alpha-Chlordane	180	U	ug/kg	180	85	U	ug/kg	85	25	J	ug/kg	180	14	J	ug/kg	180
gamma-Chlordane	180	U	ug/kg	180	85	U	ug/kg	85	27	J	ug/kg	180	17	J	ug/kg	180
Toxaphene	350	U	ug/kg	350	170	U	ug/kg	170	360	U	ug/kg	360	360	U	ug/kg	360
Aroclor-1016	180	U	ug/kg	180	85	U	ug/kg	85	180	U	ug/kg	180	180	U	ug/kg	180
Aroclor-1221	180	U	ug/kg	180	85	U	ug/kg	85	180	U	ug/kg	180	180	U	ug/kg	180
Aroclor-1232	180	U	ug/kg	180	85	U	ug/kg	85	180	U	ug/kg	180	180	U	ug/kg	180
Aroclor-1242	180	U	ug/kg	180	85	U	ug/kg	85	180	U	ug/kg	180	180	U	ug/kg	180
Aroclor-1248	180	U	ug/kg	180	85	U	ug/kg	85	180	U	ug/kg	180	180	U	ug/kg	180
Aroclor-1254	350	U	ug/kg	350	170	U	ug/kg	170	360	U	ug/kg	360	360	U	ug/kg	360
Aroclor-1260	350	U	ug/kg	350	170	U	ug/kg	170	350	J	ug/kg	360	340	J	ug/kg	360

U= NOT DETECTED J= ESTIMATED VALUE
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R = RESULT IS REJECTED AND UNUSABLE

WHITING FIELD ANALYTICAL RESULT REPORT
PESTICIDES AND PCBS --- Site 31 --- VALIDATED DATA

Lab Sample Number:	22515016				22515017				22527002				22527003			
Site	WHITING				WHITING				WHITING				WHITING			
Locator	31-SL-14				31-SL-15				31-SL-02				31-SL-06			
Collect Date:	17-AUG-93				17-AUG-93				18-AUG-92				18-AUG-92			
	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL
CLP PESTICIDES/PCBS 87-SOW																
alpha-BHC	130	U	ug/kg	130	110	U	ug/kg	110	8.9	U	ug/kg	8.9	8.9	U	ug/kg	8.9
beta-BHC	130	U	ug/kg	130	110	U	ug/kg	110	8.9	U	ug/kg	8.9	8.9	U	ug/kg	8.9
delta-BHC	130	U	ug/kg	130	110	U	ug/kg	110	8.9	U	ug/kg	8.9	8.9	U	ug/kg	8.9
gamma-BHC (Lindane)	130	U	ug/kg	130	110	U	ug/kg	110	8.9	U	ug/kg	8.9	8.9	U	ug/kg	8.9
Heptachlor	130	U	ug/kg	130	110	U	ug/kg	110	8.9	U	ug/kg	8.9	8.9	U	ug/kg	8.9
Aldrin	130	U	ug/kg	130	110	U	ug/kg	110	8.9	U	ug/kg	8.9	8.9	U	ug/kg	8.9
Heptachlor epoxide	130	U	ug/kg	130	110	U	ug/kg	110	8.9	U	ug/kg	8.9	8.9	U	ug/kg	8.9
Endosulfan I	130	U	ug/kg	130	110	U	ug/kg	110	8.9	U	ug/kg	8.9	8.9	U	ug/kg	8.9
Dieldrin	99	J	ug/kg	270	120	J	ug/kg	220	18	U	ug/kg	18	18	U	ug/kg	18
4,4-DDE	99	J	ug/kg	270	100	J	ug/kg	220	18	U	ug/kg	18	18	U	ug/kg	18
Endrin	270	U	ug/kg	270	220	U	ug/kg	220	18	U	ug/kg	18	18	U	ug/kg	18
Endosulfan II	270	U	ug/kg	270	220	U	ug/kg	220	18	U	ug/kg	18	18	U	ug/kg	18
4,4-DDD	270	U	ug/kg	270	220	U	ug/kg	220	18	U	ug/kg	18	18	U	ug/kg	18
Endosulfan sulfate	270	U	ug/kg	270	220	U	ug/kg	220	18	U	ug/kg	18	18	U	ug/kg	18
4,4-DDT	270	U	ug/kg	270	220	U	ug/kg	220	18	U	ug/kg	18	18	U	ug/kg	18
Methoxychlor	1300	U	ug/kg	1300	1100	U	ug/kg	1100	89	U	ug/kg	89	89	U	ug/kg	89
Endrin ketone	270	U	ug/kg	270	220	U	ug/kg	220	18	U	ug/kg	18	18	U	ug/kg	18
alpha-Chlordane	68	J	ug/kg	1300	65	J	ug/kg	1100	89	U	ug/kg	89	89	U	ug/kg	89
gamma-Chlordane	76	J	ug/kg	1300	49	J	ug/kg	1100	89	U	ug/kg	89	89	U	ug/kg	89
Toxaphene	2700	U	ug/kg	2700	2200	U	ug/kg	2200	180	U	ug/kg	180	180	U	ug/kg	180
Aroclor-1016	1300	U	ug/kg	1300	1100	U	ug/kg	1100	89	U	ug/kg	89	89	U	ug/kg	89
Aroclor-1221	1300	U	ug/kg	1300	1100	U	ug/kg	1100	89	U	ug/kg	89	89	U	ug/kg	89
Aroclor-1232	1300	U	ug/kg	1300	1100	U	ug/kg	1100	89	U	ug/kg	89	89	U	ug/kg	89
Aroclor-1242	1300	U	ug/kg	1300	1100	U	ug/kg	1100	89	U	ug/kg	89	89	U	ug/kg	89
Aroclor-1248	1300	U	ug/kg	1300	1100	U	ug/kg	1100	89	U	ug/kg	89	89	U	ug/kg	89
Aroclor-1254	2700	U	ug/kg	2700	2200	U	ug/kg	2200	180	U	ug/kg	180	180	U	ug/kg	180
Aroclor-1260	1400	J	ug/kg	2700	860	J	ug/kg	2200	180	U	ug/kg	180	180	U	ug/kg	180

U= NOT DETECTED J= ESTIMATED VALUE
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R = RESULT IS REJECTED AND UNUSABLE

WHITING FIELD ANALYTICAL RESULT REPORT
PESTICIDES AND PCBS --- Site 31 --- VALIDATED DATA

Lab Sample Number:	22527004				22527005				22527006				22527007			
Site	WHITING				WHITING				WHITING				WHITING			
Locator	31-SL-16				31-SL-17				31-SL-18				31-SL-19			
Collect Date:	18-AUG-92				18-AUG-92				18-AUG-92				18-AUG-92			
	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL
CLP PESTICIDES/PCBS 87-SOW																
alpha-BHC	8.8	U	ug/kg	8.8	8.2	U	ug/kg	8.2	8.3	U	ug/kg	8.3	8.4	U	ug/kg	8.4
beta-BHC	8.8	U	ug/kg	8.8	8.2	U	ug/kg	8.2	8.3	U	ug/kg	8.3	8.4	U	ug/kg	8.4
delta-BHC	8.8	U	ug/kg	8.8	8.2	U	ug/kg	8.2	8.3	U	ug/kg	8.3	8.4	U	ug/kg	8.4
gamma-BHC (Lindane)	8.8	U	ug/kg	8.8	8.2	U	ug/kg	8.2	8.3	U	ug/kg	8.3	8.4	U	ug/kg	8.4
Heptachlor	8.8	U	ug/kg	8.8	8.2	U	ug/kg	8.2	8.3	U	ug/kg	8.3	8.4	U	ug/kg	8.4
Aldrin	8.8	U	ug/kg	8.8	8.2	U	ug/kg	8.2	8.3	U	ug/kg	8.3	8.4	U	ug/kg	8.4
Heptachlor epoxide	8.8	U	ug/kg	8.8	8.2	U	ug/kg	8.2	8.3	U	ug/kg	8.3	8.4	U	ug/kg	8.4
Endosulfan I	8.8	U	ug/kg	8.8	8.2	U	ug/kg	8.2	8.3	U	ug/kg	8.3	8.4	U	ug/kg	8.4
Dieldrin	18	U	ug/kg	18	16	U	ug/kg	16	17	U	ug/kg	17	17	U	ug/kg	17
4,4-DDE	18	U	ug/kg	18	16	U	ug/kg	16	17	U	ug/kg	17	17	U	ug/kg	17
Endrin	18	U	ug/kg	18	16	U	ug/kg	16	17	U	ug/kg	17	17	U	ug/kg	17
Endosulfan II	18	U	ug/kg	18	16	U	ug/kg	16	17	U	ug/kg	17	17	U	ug/kg	17
4,4-DDD	18	U	ug/kg	18	16	U	ug/kg	16	17	U	ug/kg	17	17	U	ug/kg	17
Endosulfan sulfate	18	U	ug/kg	18	16	U	ug/kg	16	17	U	ug/kg	17	17	U	ug/kg	17
4,4-DDT	18	U	ug/kg	18	16	U	ug/kg	16	17	U	ug/kg	17	17	U	ug/kg	17
Methoxychlor	88	U	ug/kg	88	82	U	ug/kg	82	83	U	ug/kg	83	84	U	ug/kg	84
Endrin ketone	18	U	ug/kg	18	16	U	ug/kg	16	17	U	ug/kg	17	17	U	ug/kg	17
alpha-Chlordane	88	U	ug/kg	88	82	U	ug/kg	82	83	U	ug/kg	83	84	U	ug/kg	84
gamma-Chlordane	88	U	ug/kg	88	82	U	ug/kg	82	83	U	ug/kg	83	84	U	ug/kg	84
Toxaphene	180	U	ug/kg	180	160	U	ug/kg	160	170	U	ug/kg	170	170	U	ug/kg	170
Aroclor-1016	88	U	ug/kg	88	82	U	ug/kg	82	83	U	ug/kg	83	84	U	ug/kg	84
Aroclor-1221	88	U	ug/kg	88	82	U	ug/kg	82	83	U	ug/kg	83	84	U	ug/kg	84
Aroclor-1232	88	U	ug/kg	88	82	U	ug/kg	82	83	U	ug/kg	83	84	U	ug/kg	84
Aroclor-1242	88	U	ug/kg	88	82	U	ug/kg	82	83	U	ug/kg	83	84	U	ug/kg	84
Aroclor-1248	88	U	ug/kg	88	82	U	ug/kg	82	83	U	ug/kg	83	84	U	ug/kg	84
Aroclor-1254	180	U	ug/kg	180	160	U	ug/kg	160	170	U	ug/kg	170	170	U	ug/kg	170
Aroclor-1260	180	U	ug/kg	180	160	U	ug/kg	160	170	U	ug/kg	170	170	U	ug/kg	170

U= NOT DETECTED J= ESTIMATED VALUE
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R = RESULT IS REJECTED AND UNUSABLE

WHITING FIELD ANALYTICAL RESULT REPORT
PESTICIDES AND PCBS --- Site 31 --- VALIDATED DATA

Lab Sample Number:	22527008				22527009				22528001				22528002			
Site	WHITING				WHITING				WHITING				WHITING			
Locator	31-SL-20				31-SL-21				31-SL-22				31-SL-22A			
Collect Date:	18-AUG-92				18-AUG-92				18-AUG-92				18-AUG-92			
	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL
CLP PESTICIDES/PCBS 87-SOW																
alpha-BHC	8.3	U	ug/kg	8.3	8.3	U	ug/kg	8.3	8.2	U	ug/kg	8.2	8.2	U	ug/kg	8.2
beta-BHC	8.3	U	ug/kg	8.3	8.3	U	ug/kg	8.3	8.2	U	ug/kg	8.2	8.2	U	ug/kg	8.2
delta-BHC	8.3	U	ug/kg	8.3	8.3	U	ug/kg	8.3	8.2	U	ug/kg	8.2	8.2	U	ug/kg	8.2
gamma-BHC (Lindane)	8.3	U	ug/kg	8.3	8.3	U	ug/kg	8.3	8.2	U	ug/kg	8.2	8.2	U	ug/kg	8.2
Heptachlor	8.3	U	ug/kg	8.3	8.3	U	ug/kg	8.3	8.2	U	ug/kg	8.2	8.2	U	ug/kg	8.2
Aldrin	8.3	U	ug/kg	8.3	8.3	U	ug/kg	8.3	8.2	U	ug/kg	8.2	8.2	U	ug/kg	8.2
Heptachlor epoxide	8.3	U	ug/kg	8.3	8.3	U	ug/kg	8.3	8.2	U	ug/kg	8.2	8.2	U	ug/kg	8.2
Endosulfan I	8.3	U	ug/kg	8.3	8.3	U	ug/kg	8.3	8.2	U	ug/kg	8.2	8.2	U	ug/kg	8.2
Dieldrin	17	U	ug/kg	17	17	U	ug/kg	17	16	U	ug/kg	16	16	U	ug/kg	16
4,4-DDE	17	U	ug/kg	17	17	U	ug/kg	17	16	U	ug/kg	16	16	U	ug/kg	16
Endrin	17	U	ug/kg	17	17	U	ug/kg	17	16	U	ug/kg	16	16	U	ug/kg	16
Endosulfan II	17	U	ug/kg	17	17	U	ug/kg	17	16	U	ug/kg	16	16	U	ug/kg	16
4,4-DDD	17	U	ug/kg	17	17	U	ug/kg	17	16	U	ug/kg	16	16	U	ug/kg	16
Endosulfan sulfate	17	U	ug/kg	17	17	U	ug/kg	17	16	U	ug/kg	16	16	U	ug/kg	16
4,4-DDT	17	U	ug/kg	17	17	U	ug/kg	17	16	U	ug/kg	16	16	U	ug/kg	16
Methoxychlor	83	U	ug/kg	83	83	U	ug/kg	83	82	U	ug/kg	82	82	U	ug/kg	82
Endrin ketone	17	U	ug/kg	17	17	U	ug/kg	17	16	U	ug/kg	16	16	U	ug/kg	16
alpha-Chlordane	83	U	ug/kg	83	83	U	ug/kg	83	82	U	ug/kg	82	82	U	ug/kg	82
gamma-Chlordane	83	U	ug/kg	83	83	U	ug/kg	83	82	U	ug/kg	82	82	U	ug/kg	82
Toxaphene	170	U	ug/kg	170	170	U	ug/kg	170	160	U	ug/kg	160	160	U	ug/kg	160
Aroclor-1016	83	U	ug/kg	83	83	U	ug/kg	83	82	U	ug/kg	82	82	U	ug/kg	82
Aroclor-1221	83	U	ug/kg	83	83	U	ug/kg	83	82	U	ug/kg	82	82	U	ug/kg	82
Aroclor-1232	83	U	ug/kg	83	83	U	ug/kg	83	82	U	ug/kg	82	82	U	ug/kg	82
Aroclor-1242	83	U	ug/kg	83	83	U	ug/kg	83	82	U	ug/kg	82	82	U	ug/kg	82
Aroclor-1248	83	U	ug/kg	83	83	U	ug/kg	83	82	U	ug/kg	82	82	U	ug/kg	82
Aroclor-1254	170	U	ug/kg	170	170	U	ug/kg	170	160	U	ug/kg	160	160	U	ug/kg	160
Aroclor-1260	170	U	ug/kg	170	170	U	ug/kg	170	160	U	ug/kg	160	160	U	ug/kg	160

U= NOT DETECTED J= ESTIMATED VALUE
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WHITING FIELD ANALYTICAL RESULT REPORT
PESTICIDES AND PCBS --- Site 31 --- VALIDATED DATA

Lab Sample Number:	22528M01				22528D01				22527010				22527011					
Site	WHITING				WHITING				WHITING				WHITING					
Locator	31-SL-22MS				31-SL-22MSD				31-SL-23				31-SL-24					
Collect Date:	18-AUG-92				18-AUG-92				18-AUG-92				18-AUG-92					
	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL		
CLP PESTICIDES/PCBS 87-SOW																		
alpha-BHC	16	U	ug/kg	16	16	U	ug/kg	16	8.4	U	ug/kg	8.4	8.4	U	ug/kg	8.4		
beta-BHC	16	U	ug/kg	16	16	U	ug/kg	16	8.4	U	ug/kg	8.4	8.4	U	ug/kg	8.4		
delta-BHC	16	U	ug/kg	16	16	U	ug/kg	16	8.4	U	ug/kg	8.4	8.4	U	ug/kg	8.4		
gamma-BHC (Lindane)	16	U	ug/kg	16	16	U	ug/kg	16	8.4	U	ug/kg	8.4	8.4	U	ug/kg	8.4		
Heptachlor	16	U	ug/kg	16	16	U	ug/kg	16	8.4	U	ug/kg	8.4	8.4	U	ug/kg	8.4		
Aldrin	16	U	ug/kg	16	16	U	ug/kg	16	8.4	U	ug/kg	8.4	8.4	U	ug/kg	8.4		
Heptachlor epoxide	16	U	ug/kg	16	16	U	ug/kg	16	8.4	U	ug/kg	8.4	8.4	U	ug/kg	8.4		
Endosulfan I	16	U	ug/kg	16	16	U	ug/kg	16	8.4	U	ug/kg	8.4	8.4	U	ug/kg	8.4		
Dieldrin	33	U	ug/kg	33	33	U	ug/kg	33	1.3	J	ug/kg	17	17	U	ug/kg	17		
4,4-DDE	33	U	ug/kg	33	33	U	ug/kg	33	3.2	J	ug/kg	17	17	U	ug/kg	17		
Endrin	33	U	ug/kg	33	33	U	ug/kg	33	17	U	ug/kg	17	17	U	ug/kg	17		
Endosulfan II	33	U	ug/kg	33	33	U	ug/kg	33	17	U	ug/kg	17	17	U	ug/kg	17		
4,4-DDD	33	U	ug/kg	33	33	U	ug/kg	33	1.6	J	ug/kg	17	17	U	ug/kg	17		
Endosulfan sulfate	33	U	ug/kg	33	33	U	ug/kg	33	17	U	ug/kg	17	17	U	ug/kg	17		
4,4-DDT	33	U	ug/kg	33	33	U	ug/kg	33	17	U	ug/kg	17	17	U	ug/kg	17		
Methoxychlor	160	U	ug/kg	160	160	U	ug/kg	160	84	U	ug/kg	84	84	U	ug/kg	84		
Endrin ketone	33	U	ug/kg	33	33	U	ug/kg	33	17	U	ug/kg	17	17	U	ug/kg	17		
alpha-Chlordane	160	U	ug/kg	160	160	U	ug/kg	160	1.7	J	ug/kg	84	1.9	J	ug/kg	84		
gamma-Chlordane	160	U	ug/kg	160	160	U	ug/kg	160	2.3	J	ug/kg	84	4	J	ug/kg	84		
Toxaphene	330	U	ug/kg	330	330	U	ug/kg	330	170	U	ug/kg	170	170	U	ug/kg	170		
Aroclor-1016	160	U	ug/kg	160	160	U	ug/kg	160	84	U	ug/kg	84	84	U	ug/kg	84		
Aroclor-1221	160	U	ug/kg	160	160	U	ug/kg	160	84	U	ug/kg	84	84	U	ug/kg	84		
Aroclor-1232	160	U	ug/kg	160	160	U	ug/kg	160	84	U	ug/kg	84	84	U	ug/kg	84		
Aroclor-1242	160	U	ug/kg	160	160	U	ug/kg	160	84	U	ug/kg	84	84	U	ug/kg	84		
Aroclor-1248	160	U	ug/kg	160	160	U	ug/kg	160	84	U	ug/kg	84	84	U	ug/kg	84		
Aroclor-1254	330	U	ug/kg	330	330	U	ug/kg	330	170	U	ug/kg	170	170	U	ug/kg	170		
Aroclor-1260	330	U	ug/kg	330	330	U	ug/kg	330	170	U	ug/kg	170	170	U	ug/kg	170		

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WHITING FIELD ANALYTICAL RESULT REPORT
INORGANIC --- METALS AND CYANIDE --- Site 31 --- VALIDATED DATA

	Lab Sample Number:	22515001				22515004				22515003				22515005			
	Site	WHITING				WHITING				WHITING				WHITING			
	Locator	31-SL-01				31-SL-03				31-SL-04				31-SL-05			
	Collect Date:	17-AUG-92				17-AUG-92				17-AUG-92				17-AUG-92			
		VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL
CLP METALS AND CYANIDE																	
Aluminum		10700		mg/kg	40	6600		mg/kg	40	5800		mg/kg	40	9190		mg/kg	40
Antimony		2.8	U	mg/kg	12	2.6	U	mg/kg	12	2.7	U	mg/kg	12	2.7	U	mg/kg	12
Arsenic		1.9	J	mg/kg	2	.7	J	mg/kg	2	.98	J	mg/kg	2	1.6	J	mg/kg	2
Barium		24.5	J	mg/kg	40	11.2	J	mg/kg	40	13.4	J	mg/kg	40	10.7	J	mg/kg	40
Beryllium		.15	J	mg/kg	1	.08	J	mg/kg	1	.09	J	mg/kg	1	.1	J	mg/kg	1
Cadmium		.61	U	mg/kg	1	.58	U	mg/kg	1	.6	U	mg/kg	1	.6	U	mg/kg	1
Calcium		216	J	mg/kg	1000	962	J	mg/kg	1000	138	J	mg/kg	1000	107	J	mg/kg	1000
Chromium		7.1		mg/kg	2	4.6		mg/kg	2	3.9		mg/kg	2	6.6		mg/kg	2
Cobalt		1.1	J	mg/kg	10	.66	J	mg/kg	10	.93	J	mg/kg	10	.97	J	mg/kg	10
Copper		5.6	J	mg/kg	5	4.6	J	mg/kg	5	5.5		mg/kg	5	5.4	J	mg/kg	5
Iron		5380		mg/kg	20	3060		mg/kg	20	2850		mg/kg	20	4490		mg/kg	20
Lead		6.4		mg/kg	1	2.9		mg/kg	1	4.5		mg/kg	1	5.6		mg/kg	1
Magnesium		164	J	mg/kg	1000	549	J	mg/kg	1000	98.6	J	mg/kg	1000	104	J	mg/kg	1000
Manganese		456		mg/kg	3	290		mg/kg	3	295		mg/kg	3	194		mg/kg	3
Mercury		.07	U	mg/kg	.1	.06	U	mg/kg	.1	.09	U	mg/kg	.1	.08	U	mg/kg	.1
Nickel		2.4	U	mg/kg	8	2.3	U	mg/kg	8	2.3	U	mg/kg	8	2.3	U	mg/kg	8
Potassium		135	U	mg/kg	1000	128	U	mg/kg	1000	131	U	mg/kg	1000	132	U	mg/kg	1000
Selenium		.47	U	mg/kg	1	.52	J	mg/kg	1	.46	U	mg/kg	1	.46	U	mg/kg	1
Silver		2.4		mg/kg	2	4.1		mg/kg	2	3.7		mg/kg	2	2.8		mg/kg	2
Sodium		183	J	mg/kg	1000	190	J	mg/kg	1000	233	J	mg/kg	1000	180	J	mg/kg	1000
Thallium		.36	U	mg/kg	2	.34	U	mg/kg	2	.35	U	mg/kg	2	.35	U	mg/kg	2
Vanadium		14.2		mg/kg	10	8.3	J	mg/kg	10	7.3	J	mg/kg	10	12.2		mg/kg	10
Zinc		9.9		mg/kg	4	7.9	J	mg/kg	4	7.9	J	mg/kg	4	8	J	mg/kg	4
Cyanide		.25	U	mg/kg	1	.23	U	mg/kg	1	.24	U	mg/kg	1	.24	U	mg/kg	1

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WHITING FIELD ANALYTICAL RESULT REPORT
INORGANIC --- METALS AND CYANIDE --- Site 31 --- VALIDATED DATA

	Lab Sample Number:	22515007				22515008				22515009				22515011			
	Site	WHITING				WHITING				WHITING				WHITING			
	Locator	31-SL-07				31-SL-07A				31-SL-08				31-SL-09			
	Collect Date:	17-AUG-92				17-AUG-92				17-AUG-92				17-AUG-92			
		VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL
CLP METALS AND CYANIDE																	
Aluminum		6550		mg/kg	40	6480		mg/kg	40	6840		mg/kg	40	10900		mg/kg	40
Antimony		2.7	U	mg/kg	12	2.7	U	mg/kg	12	2.7	U	mg/kg	12	2.7	U	mg/kg	12
Arsenic		.89	J	mg/kg	2	.99	J	mg/kg	2	.87	J	mg/kg	2	1.9	J	mg/kg	2
Barium		12.2	J	mg/kg	40	12.5	J	mg/kg	40	11	J	mg/kg	40	12.5	J	mg/kg	40
Beryllium		.09	J	mg/kg	1	.11	J	mg/kg	1	.09	J	mg/kg	1	.15	J	mg/kg	1
Cadmium		.6	U	mg/kg	1	.6	U	mg/kg	1	.6	U	mg/kg	1	.59	U	mg/kg	1
Calcium		169	J	mg/kg	1000	188	J	mg/kg	1000	168	J	mg/kg	1000	229	J	mg/kg	1000
Chromium		4.4		mg/kg	2	5		mg/kg	2	5.2		mg/kg	2	7.8		mg/kg	2
Cobalt		.68	J	mg/kg	10	1.2	J	mg/kg	10	1.1	J	mg/kg	10	.81	J	mg/kg	10
Copper		5.4	J	mg/kg	5	4.8	J	mg/kg	5	4.4	J	mg/kg	5	5.3	J	mg/kg	5
Iron		2980		mg/kg	20	3010		mg/kg	20	3270		mg/kg	20	5980		mg/kg	20
Lead		4.2		mg/kg	1	5.7		mg/kg	1	4		mg/kg	1	4.8		mg/kg	1
Magnesium		121	J	mg/kg	1000	119	J	mg/kg	1000	109	J	mg/kg	1000	117	J	mg/kg	1000
Manganese		212		mg/kg	3	210		mg/kg	3	279		mg/kg	3	154		mg/kg	3
Mercury		.08	U	mg/kg	.1	.09	U	mg/kg	.1	.04	U	mg/kg	.1	.06	U	mg/kg	.1
Nickel		2.4	U	mg/kg	8	2.4	J	mg/kg	8	2.3	U	mg/kg	8	2.3	U	mg/kg	8
Potassium		132	U	mg/kg	1000	146	J	mg/kg	1000	131	U	mg/kg	1000	129	U	mg/kg	1000
Selenium		.46	U	mg/kg	1	.46	U	mg/kg	1	.46	U	mg/kg	1	.45	U	mg/kg	1
Silver		6.6		mg/kg	2	2.6		mg/kg	2	2.5		mg/kg	2	5.9		mg/kg	2
Sodium		142	J	mg/kg	1000	179	J	mg/kg	1000	166	J	mg/kg	1000	202	J	mg/kg	1000
Thallium		.35	U	mg/kg	2	.35	U	mg/kg	2	.35	U	mg/kg	2	.34	U	mg/kg	2
Vanadium		8.1	J	mg/kg	10	8.6	J	mg/kg	10	8.8	J	mg/kg	10	15.8		mg/kg	10
Zinc		10.6		mg/kg	4	7.8	J	mg/kg	4	8.4		mg/kg	4	12		mg/kg	4
Cyanide		.24	U	mg/kg	1	.24	U	mg/kg	1	.24	U	mg/kg	1	.24	U	mg/kg	1

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WHITING FIELD ANALYTICAL RESULT REPORT
INORGANIC --- METALS AND CYANIDE --- Site 31 --- VALIDATED DATA

Lab Sample Number:	22515012				22515013				22515014				22515015			
Site	WHITING				WHITING				WHITING				WHITING			
Locator	31-SL-10				31-SL-11				31-SL-12				31-SL-13			
Collect Date:	17-AUG-92				17-AUG-92				17-AUG-92				17-AUG-92			
	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL
CLP METALS AND CYANIDE																
Aluminum	8700		mg/kg	40	6700		mg/kg	40	6520		mg/kg	40	5030		mg/kg	40
Antimony	2.7	U	mg/kg	12	2.7	U	mg/kg	12	3.1	J	mg/kg	12	3.7	J	mg/kg	12
Arsenic	1.6	J	mg/kg	2	1.2	J	mg/kg	2	.96	J	mg/kg	2	.67	J	mg/kg	2
Barium	7.1	J	mg/kg	40	7	J	mg/kg	40	147		mg/kg	40	155		mg/kg	40
Beryllium	.08	J	mg/kg	1	.09	J	mg/kg	1	.42	J	mg/kg	1	.3	J	mg/kg	1
Cadmium	.59	U	mg/kg	1	.59	U	mg/kg	1	11.6		mg/kg	1	12		mg/kg	1
Calcium	237	J	mg/kg	1000	354	J	mg/kg	1000	2000		mg/kg	1000	1520		mg/kg	1000
Chromium	5.9		mg/kg	2	4.5		mg/kg	2	84.9		mg/kg	2	86.3		mg/kg	2
Cobalt	.67	J	mg/kg	10	1.2	J	mg/kg	10	.91	J	mg/kg	10	.83	J	mg/kg	10
Copper	4.5	J	mg/kg	5	13.1		mg/kg	5	248		mg/kg	5	279		mg/kg	5
Iron	4520		mg/kg	20	3440		mg/kg	20	7080		mg/kg	20	6220		mg/kg	20
Lead	3.7		mg/kg	1	3.4		mg/kg	1	635		mg/kg	1	344		mg/kg	1
Magnesium	97.1	J	mg/kg	1000	250	J	mg/kg	1000	493	J	mg/kg	1000	438	J	mg/kg	1000
Manganese	117		mg/kg	3	143		mg/kg	3	170		mg/kg	3	64		mg/kg	3
Mercury	.37		mg/kg	.1	.08	J	mg/kg	.1	2.6		mg/kg	.1	2.4		mg/kg	.1
Nickel	2.3	U	mg/kg	8	2.3	U	mg/kg	8	4.9	J	mg/kg	8	7.8	J	mg/kg	8
Potassium	130	U	mg/kg	1000	129	U	mg/kg	1000	134	U	mg/kg	1000	134	U	mg/kg	1000
Selenium	.45	U	mg/kg	1	.45	U	mg/kg	1	1.5	J	mg/kg	1	1.4	J	mg/kg	1
Silver	4.2		mg/kg	2	3.6		mg/kg	2	73.7		mg/kg	2	48.1		mg/kg	2
Sodium	161	J	mg/kg	1000	176	J	mg/kg	1000	193	J	mg/kg	1000	232	J	mg/kg	1000
Thallium	.34	U	mg/kg	2	.34	U	mg/kg	2	.35	U	mg/kg	2	.35	U	mg/kg	2
Vanadium	11.6		mg/kg	10	8.4	J	mg/kg	10	6.1	J	mg/kg	10	4.1	J	mg/kg	10
Zinc	11.3		mg/kg	4	9.6		mg/kg	4	276		mg/kg	4	287		mg/kg	4
Cyanide	.24	U	mg/kg	1	.24	U	mg/kg	1	.57	J	mg/kg	1	.5	J	mg/kg	1

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WHITING FIELD ANALYTICAL RESULT REPORT
INORGANIC --- METALS AND CYANIDE --- Site 31 --- VALIDATED DATA

Lab Sample Number:	22515016				22515017				22527002				22527003			
Site	WHITING				WHITING				WHITING				WHITING			
Locator	31-SL-14				31-SL-15				31-SL-02				31-SL-06			
Collect Date:	17-AUG-92				17-AUG-92				18-AUG-92				18-AUG-92			
	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL
CLP METALS AND CYANIDE																
Aluminum	16800		mg/kg	40	9260		mg/kg	40	9930		mg/kg	40	7870		mg/kg	40
Antimony	7.1	J	mg/kg	12	6.5	J	mg/kg	12	2.7	U	mg/kg	12	2.7	U	mg/kg	12
Arsenic	1.7	J	mg/kg	2	1.3	J	mg/kg	2	1.3	J	mg/kg	2	1.1	J	mg/kg	2
Barium	534		mg/kg	40	232		mg/kg	40	21.1	J	mg/kg	40	22.8	J	mg/kg	40
Beryllium	1.3	J	mg/kg	1	.56	J	mg/kg	1	.11	J	mg/kg	1	.1	J	mg/kg	1
Cadmium	26.8		mg/kg	1	13.6		mg/kg	1	.6	U	mg/kg	1	.61	U	mg/kg	1
Calcium	4160		mg/kg	1000	2320		mg/kg	1000	126	J	mg/kg	1000	281	J	mg/kg	1000
Chromium	295		mg/kg	2	130		mg/kg	2	5.8		mg/kg	2	4		mg/kg	2
Cobalt	2.2	J	mg/kg	10	1.1	J	mg/kg	10	1.4	J	mg/kg	10	.95	J	mg/kg	10
Copper	948		mg/kg	5	468		mg/kg	5	17.9	J	mg/kg	5	4	J	mg/kg	5
Iron	22500		mg/kg	20	11200		mg/kg	20	4800		mg/kg	20	3980		mg/kg	20
Lead	1890		mg/kg	1	912		mg/kg	1	5.5		mg/kg	1	4.4		mg/kg	1
Magnesium	1120	J	mg/kg	1000	695	J	mg/kg	1000	154	J	mg/kg	1000	119	J	mg/kg	1000
Manganese	76.7		mg/kg	3	46		mg/kg	3	410		mg/kg	3	399		mg/kg	3
Mercury	8.8		mg/kg	.1	6.7		mg/kg	.1	.05	U	mg/kg	.1	.05	U	mg/kg	.1
Nickel	8.6	J	mg/kg	8	3.9	J	mg/kg	8	6.9	J	mg/kg	8	3.6	J	mg/kg	8
Potassium	199	U	mg/kg	1000	156	U	mg/kg	1000	132	U	mg/kg	1000	133	U	mg/kg	1000
Selenium	4.9		mg/kg	1	2.6		mg/kg	1	.46	U	mg/kg	1	.46	U	mg/kg	1
Silver	154		mg/kg	2	128		mg/kg	2	.33	U	mg/kg	2	.33	U	mg/kg	2
Sodium	294	J	mg/kg	1000	205	J	mg/kg	1000	133	J	mg/kg	1000	135	J	mg/kg	1000
Thallium	.53	U	mg/kg	2	.41	U	mg/kg	2	.35	U	mg/kg	2	.35	U	mg/kg	2
Vanadium	12.1	J	mg/kg	10	9.6	J	mg/kg	10	12.3		mg/kg	10	9.9	J	mg/kg	10
Zinc	346		mg/kg	4	186		mg/kg	4	23.1		mg/kg	4	6		mg/kg	4
Cyanide	1.1	J	mg/kg	1	.52	J	mg/kg	1	.24	U	mg/kg	1	.24	U	mg/kg	1

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WHITING FIELD ANALYTICAL RESULT REPORT
INORGANIC --- METALS AND CYANIDE --- Site 31 --- VALIDATED DATA

	Lab Sample Number:	22527004				22527005				22527006				22527007			
	Site	WHITING				WHITING				WHITING				WHITING			
	Locator	31-SL-16				31-SL-17				31-SL-18				31-SL-19			
	Collect Date:	18-AUG-92				18-AUG-92				18-AUG-92				18-AUG-92			
		VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL
CLP METALS AND CYANIDE																	
Aluminum		4360		mg/kg	40	154		mg/kg	40	240		mg/kg	40	167		mg/kg	40
Antimony		2.7	U	mg/kg	12	2.6	U	mg/kg	12	2.6	U	mg/kg	12	2.6	U	mg/kg	12
Arsenic		.66	J	mg/kg	2	.21	U	mg/kg	2	.21	U	mg/kg	2	.21	U	mg/kg	2
Barium		4.6	J	mg/kg	40	1.2	J	mg/kg	40	2.9	J	mg/kg	40	2.6	J	mg/kg	40
Beryllium		.07	J	mg/kg	1	.05	U	mg/kg	1	.05	U	mg/kg	1	.05	U	mg/kg	1
Cadmium		.6	U	mg/kg	1	.57	U	mg/kg	1	.57	U	mg/kg	1	.58	U	mg/kg	1
Calcium		248	J	mg/kg	1000	73.8	J	mg/kg	1000	77.3	J	mg/kg	1000	90.5	J	mg/kg	1000
Chromium		3.6		mg/kg	2	.75	J	mg/kg	2	2.2		mg/kg	2	1.6	J	mg/kg	2
Cobalt		.34	U	mg/kg	10	.32	U	mg/kg	10	.32	U	mg/kg	10	.33	U	mg/kg	10
Copper		3.7	J	mg/kg	5	3.1	J	mg/kg	5	6.1		mg/kg	5	7	J	mg/kg	5
Iron		2590		mg/kg	20	576		mg/kg	20	541		mg/kg	20	284		mg/kg	20
Lead		4.4		mg/kg	1	3.4		mg/kg	1	7		mg/kg	1	4		mg/kg	1
Magnesium		86.6	J	mg/kg	1000	10	U	mg/kg	1000	14.7	J	mg/kg	1000	13.2	J	mg/kg	1000
Manganese		33.1		mg/kg	3	1.6	J	mg/kg	3	1.8	J	mg/kg	3	2.6	J	mg/kg	3
Mercury		.05	U	mg/kg	.1	.04	U	mg/kg	.1	.04	U	mg/kg	.1	.04	U	mg/kg	.1
Nickel		2.3	U	mg/kg	8	2.2	U	mg/kg	8	2.2	U	mg/kg	8	2.3	U	mg/kg	8
Potassium		131	U	mg/kg	1000	125	U	mg/kg	1000	125	U	mg/kg	1000	127	U	mg/kg	1000
Selenium		.46	U	mg/kg	1	.43	U	mg/kg	1	.43	U	mg/kg	1	.44	U	mg/kg	1
Silver		.33	U	mg/kg	2	.62	J	mg/kg	2	1.1	J	mg/kg	2	.39	J	mg/kg	2
Sodium		127	J	mg/kg	1000	134	J	mg/kg	1000	123	J	mg/kg	1000	164	J	mg/kg	1000
Thallium		.35	U	mg/kg	2	.33	U	mg/kg	2	.33	U	mg/kg	2	.36	J	mg/kg	2
Vanadium		6.6	J	mg/kg	10	.64	J	mg/kg	10	.42	J	mg/kg	10	.38	J	mg/kg	10
Zinc		8.6		mg/kg	4	4.3		mg/kg	4	5.8		mg/kg	4	8.1		mg/kg	4
Cyanide		.24	U	mg/kg	1	.23	U	mg/kg	1	.23	U	mg/kg	1	.23	U	mg/kg	1

U= NOT DETECTED J= ESTIMATED VALUE
UJ = REPORTED QUANTITATION LIMIT IS QUALIFIED AS ESTIMATED
R = RESULT IS REJECTED AND UNUSABLE

WHITING FIELD ANALYTICAL RESULT REPORT
INORGANIC --- METALS AND CYANIDE --- Site 31 --- VALIDATED DATA

Lab Sample Number:	22527008				22527009				22528001				22528002			
Site	WHITING				WHITING				WHITING				WHITING			
Locator	31-SL-20				31-SL-21				31-SL-22				31-SL-22A			
Collect Date:	18-AUG-92				18-AUG-92				18-SEP-92				18-SEP-92			
	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL
CLP METALS AND CYANIDE																
Aluminum	293		mg/kg	40	307		mg/kg	40	178		mg/kg	40	184		mg/kg	40
Antimony	2.6	U	mg/kg	12	2.6	U	mg/kg	12	2.6	U	mg/kg	12	2.6	U	mg/kg	12
Arsenic	.21	U	mg/kg	2	.21	U	mg/kg	2	.21	U	mg/kg	2	.21	U	mg/kg	2
Barium	2.1	J	mg/kg	40	2.5	J	mg/kg	40	3	J	mg/kg	40	6.9	J	mg/kg	40
Beryllium	.05	U	mg/kg	1	.05	U	mg/kg	1	.05	U	mg/kg	1	.05	U	mg/kg	1
Cadmium	.57	U	mg/kg	1	.57	U	mg/kg	1	.57	U	mg/kg	1	.57	U	mg/kg	1
Calcium	68	J	mg/kg	1000	135	J	mg/kg	1000	86.3	UJ	mg/kg	1000	132	UJ	mg/kg	1000
Chromium	1.5	J	mg/kg	2	.98	J	mg/kg	2	2.6	UJ	mg/kg	2	1.3	UJ	mg/kg	2
Cobalt	.32	U	mg/kg	10	.33	U	mg/kg	10	.32	U	mg/kg	10	.32	U	mg/kg	10
Copper	4.1	J	mg/kg	5	4.5	J	mg/kg	5	5.2		mg/kg	5	4.4	UJ	mg/kg	5
Iron	522		mg/kg	20	528		mg/kg	20	609		mg/kg	20	479		mg/kg	20
Lead	2.7		mg/kg	1	7.2		mg/kg	1	5.2	UJ	mg/kg	1	6.4	UJ	mg/kg	1
Magnesium	17	J	mg/kg	1000	13.7	J	mg/kg	1000	10	U	mg/kg	1000	26.3	J	mg/kg	1000
Manganese	1.5	J	mg/kg	3	1.4	J	mg/kg	3	1	J	mg/kg	3	.84	J	mg/kg	3
Mercury	.04	U	mg/kg	.1	.04	U	mg/kg	.1	.04	UJ	mg/kg	.1	.04	UJ	mg/kg	.1
Nickel	2.2	U	mg/kg	8	2.2	U	mg/kg	8	2.2	U	mg/kg	8	2.2	U	mg/kg	8
Potassium	125	U	mg/kg	1000	126	U	mg/kg	1000	124	U	mg/kg	1000	125	U	mg/kg	1000
Selenium	.43	U	mg/kg	1	.44	U	mg/kg	1	.43	U	mg/kg	1	.43	UJ	mg/kg	1
Silver	.82	J	mg/kg	2	.39	J	mg/kg	2	.88	UJ	mg/kg	2	.6	UJ	mg/kg	2
Sodium	180	J	mg/kg	1000	127	J	mg/kg	1000	144	UJ	mg/kg	1000	154	UJ	mg/kg	1000
Thallium	.33	U	mg/kg	2	.33	U	mg/kg	2	.33	U	mg/kg	2	.33	UJ	mg/kg	2
Vanadium	1	J	mg/kg	10	.33	J	mg/kg	10	.67	UJ	mg/kg	10	.36	UJ	mg/kg	10
Zinc	4.4		mg/kg	4	5.3		mg/kg	4	6.5	UJ	mg/kg	4	5.8	UJ	mg/kg	4
Cyanide	.23	U	mg/kg	1	.23	U	mg/kg	1	.23	U	mg/kg	1	.23	U	mg/kg	1

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WHITING FIELD ANALYTICAL RESULT REPORT
INORGANIC --- METALS AND CYANIDE --- Site 31 --- VALIDATED DATA

Lab Sample Number:	22527010				22527011			
Site	WHITING				WHITING			
Locator	31-SL-23				31-SL-24			
Collect Date:	18-AUG-92				18-AUG-92			
	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL
CLP METALS AND CYANIDE								
Aluminum	298		mg/kg	40	296		mg/kg	40
Antimony	2.6	U	mg/kg	12	2.6	U	mg/kg	12
Arsenic	.21	U	mg/kg	2	.21	U	mg/kg	2
Barium	2.9	J	mg/kg	40	2.9	J	mg/kg	40
Beryllium	.05	U	mg/kg	1	.05	U	mg/kg	1
Cadmium	.57	U	mg/kg	1	.58	U	mg/kg	1
Calcium	76.7	J	mg/kg	1000	72.3	J	mg/kg	1000
Chromium	1.5	J	mg/kg	2	1.5	J	mg/kg	2
Cobalt	.33	U	mg/kg	10	.33	U	mg/kg	10
Copper	5.9		mg/kg	5	5.1	J	mg/kg	5
Iron	536		mg/kg	20	431		mg/kg	20
Lead	10.8		mg/kg	1	4.7		mg/kg	1
Magnesium	13.2	J	mg/kg	1000	14	J	mg/kg	1000
Manganese	1.7	J	mg/kg	3	1.2	J	mg/kg	3
Mercury	.05	U	mg/kg	.1	.14		mg/kg	.1
Nickel	2.2	U	mg/kg	8	6	J	mg/kg	8
Potassium	126	U	mg/kg	1000	127	U	mg/kg	1000
Selenium	.44	U	mg/kg	1	.44	U	mg/kg	1
Silver	1.3	J	mg/kg	2	1.3	J	mg/kg	2
Sodium	189	J	mg/kg	1000	124	J	mg/kg	1000
Thallium	.33	U	mg/kg	2	.33	U	mg/kg	2
Vanadium	.38	J	mg/kg	10	.27	U	mg/kg	10
Zinc	7.4		mg/kg	4	27.1		mg/kg	4
Cyanide	.23	U	mg/kg	1	.23	U	mg/kg	1

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APPENDIX E-2

VALIDATED ANALYTICAL RESULTS
SUBSURFACE SOILS - TEST PITS

SITE 1

WHITING FIELD ANAL, .L RESULT REPORT

SITE 1 ---- TEST PITTING -- VOLATILES ---- VALIDATED RESULTS

	Lab Sample Number:	22935005				22935006				22935007			
	Site	WHITING				WHITING				WHITING			
	Locator	01SS0101				SSRB07				SSTB07			
	Collect Date:	08-OCT-92				08-OCT-92				08-OCT-92			
		VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL
CLP VOLATILES 90-SOW													
Chloromethane		11	U	ug/kg	11	10	UJ	ug/l	10	10	UJ	ug/l	10
Bromomethane		11	U	ug/kg	11	10	U	ug/l	10	10	U	ug/l	10
Vinyl chloride		11	U	ug/kg	11	10	U	ug/l	10	10	U	ug/l	10
Chloroethane		11	U	ug/kg	11	10	U	ug/l	10	10	UJ	ug/l	10
Methylene chloride		11	UJ	ug/kg	11	10	UJ	ug/l	10	10	UJ	ug/l	10
Acetone		51	J	ug/kg	11	10	UJ	ug/l	10	10	U	ug/l	10
Carbon disulfide		11	U	ug/kg	11	10	U	ug/l	10	10	U	ug/l	10
1,1-Dichloroethene		11	U	ug/kg	11	10	U	ug/l	10	10	U	ug/l	10
1,1-Dichloroethane		11	U	ug/kg	11	10	U	ug/l	10	10	U	ug/l	10
1,2-Dichloroethene (total)		11	U	ug/kg	11	10	U	ug/l	10	10	U	ug/l	10
Chloroform		11	U	ug/kg	11	10	U	ug/l	10	10	U	ug/l	10
1,2-Dichloroethane		11	U	ug/kg	11	10	U	ug/l	10	10	U	ug/l	10
2-Butanone		11	U	ug/kg	11	10	U	ug/l	10	10	U	ug/l	10
1,1,1-Trichloroethane		11	U	ug/kg	11	10	U	ug/l	10	10	U	ug/l	10
Carbon tetrachloride		11	U	ug/kg	11	10	U	ug/l	10	10	U	ug/l	10
Bromodichloromethane		11	U	ug/kg	11	10	U	ug/l	10	10	U	ug/l	10
1,2-Dichloropropane		11	U	ug/kg	11	10	U	ug/l	10	10	U	ug/l	10
cis-1,3-Dichloropropene		11	U	ug/kg	11	10	U	ug/l	10	10	U	ug/l	10
Trichloroethene		11	U	ug/kg	11	10	U	ug/l	10	10	U	ug/l	10
Dibromochloromethane		11	U	ug/kg	11	10	U	ug/l	10	10	U	ug/l	10
1,1,2-Trichloroethane		11	U	ug/kg	11	10	U	ug/l	10	10	U	ug/l	10
Benzene		11	U	ug/kg	11	10	U	ug/l	10	10	U	ug/l	10
trans-1,3-Dichloropropene		11	U	ug/kg	11	10	U	ug/l	10	10	U	ug/l	10
Bromoform		11	U	ug/kg	11	10	U	ug/l	10	10	U	ug/l	10
4-Methyl-2-pentanone		11	U	ug/kg	11	10	UJ	ug/l	10	10	UJ	ug/l	10
2-Hexanone		11	U	ug/kg	11	10	U	ug/l	10	10	U	ug/l	10
Tetrachloroethene		11	U	ug/kg	11	10	U	ug/l	10	10	U	ug/l	10
Toluene		11	U	ug/kg	11	10	U	ug/l	10	10	U	ug/l	10
1,1,2,2-Tetrachloroethane		11	U	ug/kg	11	10	U	ug/l	10	10	U	ug/l	10
Chlorobenzene		11	U	ug/kg	11	10	U	ug/l	10	10	U	ug/l	10
Ethylbenzene		11	U	ug/kg	11	10	U	ug/l	10	10	U	ug/l	10
Styrene		11	U	ug/kg	11	10	U	ug/l	10	10	U	ug/l	10
Xylenes (total)		11	U	ug/kg	11	10	U	ug/l	10	10	U	ug/l	10

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WHITING FIELD ANALYTICAL RESULT REPORT
SITE 1 ---- TEST PITTING --- SEMIVOLATILES ----- VALIDATED RESULTS

Lab Sample Number:	22935005				22935006			
Site	WHITING				WHITING			
Locator	01SS0101				SSRB07			
Collect Date:	08-OCT-92				08-OCT-92			
	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL
LP SEMIVOLATILES 90-SOW								
Phenol	370	U	ug/kg	370	10	U	ug/l	10
bis(2-Chloroethyl) ether	370	U	ug/kg	370	10	U	ug/l	10
2-Chlorophenol	370	U	ug/kg	370	10	U	ug/l	10
1,3-Dichlorobenzene	370	U	ug/kg	370	10	U	ug/l	10
1,4-Dichlorobenzene	370	U	ug/kg	370	10	U	ug/l	10
1,2-Dichlorobenzene	370	U	ug/kg	370	10	U	ug/l	10
2-Methylphenol	370	U	ug/kg	370	10	U	ug/l	10
2,2-oxybis(1-Chloropropane)	370	U	ug/kg	370	10	U	ug/l	10
4-Methylphenol	370	U	ug/kg	370	10	U	ug/l	10
N-Nitroso-di-n-propylamine	370	U	ug/kg	370	10	U	ug/l	10
Hexachloroethane	370	U	ug/kg	370	10	U	ug/l	10
Nitrobenzene	370	U	ug/kg	370	10	U	ug/l	10
Isophorone	370	U	ug/kg	370	10	U	ug/l	10
2-Nitrophenol	370	U	ug/kg	370	10	U	ug/l	10
2,4-Dimethylphenol	370	U	ug/kg	370	10	U	ug/l	10
bis(2-Chloroethoxy) methane	370	U	ug/kg	370	10	U	ug/l	10
2,4-Dichlorophenol	370	U	ug/kg	370	10	U	ug/l	10
1,2,4-Trichlorobenzene	370	U	ug/kg	370	10	U	ug/l	10
Naphthalene	370	U	ug/kg	370	10	U	ug/l	10
4-Chloroaniline	370	U	ug/kg	370	10	U	ug/l	10
Hexachlorobutadiene	370	UJ	ug/kg	370	10	U	ug/l	10
4-Chloro-3-methylphenol	370	U	ug/kg	370	10	U	ug/l	10
2-Methylnaphthalene	370	U	ug/kg	370	10	U	ug/l	10
Hexachlorocyclopentadiene	370	UJ	ug/kg	370	10	U	ug/l	10
2,4,6-Trichlorophenol	370	U	ug/kg	370	10	U	ug/l	10
2,4,5-Trichlorophenol	900	U	ug/kg	900	25	U	ug/l	25
2-Chloronaphthalene	370	U	ug/kg	370	10	U	ug/l	10
2-Nitroaniline	900	U	ug/kg	900	25	U	ug/l	25
Dimethylphthalate	370	U	ug/kg	370	10	U	ug/l	10
Acenaphthylene	370	U	ug/kg	370	10	U	ug/l	10
2,6-Dinitrotoluene	370	U	ug/kg	370	10	U	ug/l	10
3-Nitroaniline	900	U	ug/kg	900	25	U	ug/l	25
Acenaphthene	370	U	ug/kg	370	10	U	ug/l	10
2,4-Dinitrophenol	900	U	ug/kg	900	25	UJ	ug/l	25
4-Nitrophenol	900	U	ug/kg	900	25	UJ	ug/l	25
Dibenzofuran	370	U	ug/kg	370	10	U	ug/l	10
2,4-Dinitrotoluene	370	U	ug/kg	370	10	U	ug/l	10
Diethylphthalate	370	U	ug/kg	370	10	U	ug/l	10
4-Chlorophenyl-phenylether	370	U	ug/kg	370	10	U	ug/l	10
Fluorene	370	U	ug/kg	370	10	U	ug/l	10
4-Nitroaniline	900	U	ug/kg	900	25	UJ	ug/l	25
4,6-Dinitro-2-methylphenol	900	U	ug/kg	900	25	UJ	ug/l	25
N-Nitrosodiphenylamine (1)	370	U	ug/kg	370	10	U	ug/l	10
4-Bromophenyl-phenylether	370	U	ug/kg	370	10	U	ug/l	10
Hexachlorobenzene	370	UJ	ug/kg	370	10	U	ug/l	10
Pentachlorophenol	900	U	ug/kg	900	25	U	ug/l	25
Phenanthrene	370	U	ug/kg	370	10	U	ug/l	10
Anthracene	370	U	ug/kg	370	10	U	ug/l	10
Carbazole	370	U	ug/kg	370	10	U	ug/l	10
Di-n-butylphthalate	370	UJ	ug/kg	370	22	UJ	ug/l	10
Fluoranthene	370	U	ug/kg	370	10	U	ug/l	10
Pyrene	370	U	ug/kg	370	10	U	ug/l	10
Butylbenzylphth	370	U	ug/kg	370	10	U		10

WHITING FIELD ANAL..ICAL RESULT REPORT
SITE 1 ---- TEST PITTING --- SEMIVOLATILES ----- VALIDATED RESULTS

Lab Sample Number:		22935005				22935006			
Site		WHITING				WHITING			
Locator		01SS0101				SSRB07			
Collect Date:		08-OCT-92				08-OCT-92			
	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	
3,3-Dichlorobenzidine	370	UJ	ug/kg	370	10	UJ	ug/l	10	
Benzo (a) anthracene	370	U	ug/kg	370	10	U	ug/l	10	
Chrysene	370	U	ug/kg	370	10	U	ug/l	10	
bis(2-Ethylhexyl) phthalate	370	U	ug/kg	370	10	U	ug/l	10	
Di-n-octylphthalate	370	U	ug/kg	370	10	U	ug/l	10	
Benzo (b) fluoranthene	370	U	ug/kg	370	10	U	ug/l	10	
Benzo (k) fluoranthene	370	U	ug/kg	370	10	U	ug/l	10	
Benzo (a) pyrene	370	U	ug/kg	370	10	U	ug/l	10	
Indeno (1,2,3-cd) pyrene	370	U	ug/kg	370	10	U	ug/l	10	
Dibenz (a,h) anthracene	370	U	ug/kg	370	10	U	ug/l	10	
Benzo (g,h,i) perylene	370	U	ug/kg	370	10	U	ug/l	10	

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WHITING FIELD ANALYTICAL RESULT REPORT
SITE 1 --- TEST PITTING --- PESTICIDES AND PCBS ----- VALIDATED RESULTS

Lab Sample Number:	22935005RE				22935006			
Site	WHITING				WHITING			
Locator	01SS0101RE				SSRB07			
Collect Date:	08-OCT-92				08-OCT-92			
	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL
LP PESTICIDES/PCBS 90-SOW								
alpha-BHC	1.8	U	ug/kg	1.8	.05	U	ug/l	.05
beta-BHC	1.8	U	ug/kg	1.8	.05	U	ug/l	.05
delta-BHC	1.8	U	ug/kg	1.8	.05	U	ug/l	.05
gamma-BHC (Lindane)	1.8	U	ug/kg	1.8	.05	U	ug/l	.05
Heptachlor	1.8	U	ug/kg	1.8	.05	U	ug/l	.05
Aldrin	1.8	U	ug/kg	1.8	.05	U	ug/l	.05
Heptachlor epoxide	1.8	U	ug/kg	1.8	.05	U	ug/l	.05
Endosulfan I	1.8	U	ug/kg	1.8	.05	U	ug/l	.05
Dieldrin	3.6	U	ug/kg	3.6	.1	U	ug/l	.1
4,4-DDE	3.6	U	ug/kg	3.6	.1	U	ug/l	.1
Endrin	3.6	U	ug/kg	3.6	.1	U	ug/l	.1
Endosulfan II	3.6	U	ug/kg	3.6	.1	U	ug/l	.1
4,4-DDD	3.6	U	ug/kg	3.6	.1	U	ug/l	.1
Endosulfan sulfate	3.6	U	ug/kg	3.6	.1	U	ug/l	.1
4,4-DDT	3.6	U	ug/kg	3.6	.1	U	ug/l	.1
Methoxychlor	18	U	ug/kg	18	.5	U	ug/l	.5
Endrin ketone	3.6	U	ug/kg	3.6	.1	U	ug/l	.1
Endrin aldehyde	3.6	U	ug/kg	3.6	.1	U	ug/l	.1
alpha-Chlordane	1.8	U	ug/kg	1.8	.05	U	ug/l	.05
gamma-Chlordane	1.8	U	ug/kg	1.8	.05	U	ug/l	.05
Toxaphene	180	U	ug/kg	180	5	U	ug/l	5
Aroclor-1016	36	U	ug/kg	36	1	U	ug/l	1
Aroclor-1221	73	U	ug/kg	73	2	U	ug/l	2
Aroclor-1232	36	U	ug/kg	36	1	U	ug/l	1
Aroclor-1242	36	U	ug/kg	36	1	U	ug/l	1
Aroclor-1248	36	U	ug/kg	36	1	U	ug/l	1
Aroclor-1254	36	U	ug/kg	36	1	U	ug/l	1
Aroclor-1260	36	U	ug/kg	36	1	U	ug/l	1

U = NOT DETECTED J = ESTIMATED VALUE
UJ= RTED QUANTITATION LIMIT IS QUALIFIED AS ESTIMATED
R T IS REJECTED AND UNUSABLE

WHITING FIELD ANALY. . RESULT REPORT

SITE 1 -- TEST PITTING -- METALS AND CYANIDE ----- VALIDATED RESULTS

Lab Sample Number:	22935005				22935006				
Site	WHITING				WHITING				
Locator	01SS0101				SSRB07				
Collect Date:	08-OCT-92				08-OCT-92				
	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	
LP METALS AND CYANIDE									
Aluminum	4780		mg/kg	40	22.2	U	ug/l	200	
Antimony	2.3	U	mg/kg	12	10.7	U	ug/l	60	
Arsenic	1.1	J	mg/kg	2	1.6	J	ug/l	10	
Barium	6.3	J	mg/kg	40	.64	J	ug/l	200	
Beryllium	.08	J	mg/kg	1	.24	U	ug/l	5	
Cadmium	.65	U	mg/kg	1	3	U	ug/l	5	
Calcium	56.7	J	mg/kg	1000	891	J	ug/l	5000	
Chromium	6		mg/kg	2	2.9	U	ug/l	10	
Cobalt	.72	U	mg/kg	10	3.3	U	ug/l	50	
Copper	2.5	J	mg/kg	5	2.3	U	ug/l	25	
Iron	5100		mg/kg	20	37.2	J	ug/l	100	
Lead	2.6		mg/kg	1	1.4	U	ug/l	5	
Magnesium	76	J	mg/kg	1000	51	U	ug/l	5000	
Manganese	8.4		mg/kg	3	1.1	J	ug/l	15	
Mercury	.17	J	mg/kg	.1	.16	J	ug/l	.2	
Nickel	1.7	J	mg/kg	8	5.9	J	ug/l	40	
Potassium	147	U	mg/kg	1000	677	U	ug/l	5000	
Selenium	.45	U	mg/kg	1	2.1	U	ug/l	5	
Silver	.43	U	mg/kg	2	2	U	ug/l	10	
Sodium	167	J	mg/kg	1000	705	J	ug/l	5000	
Thallium	.34	U	mg/kg	2	1.6	U	ug/l	10	
Vanadium	13		mg/kg	10	2.6	U	ug/l	50	
Zinc	6.1	J	mg/kg	4	11.6	J	ug/l	20	
Cyanide	.09	U	mg/kg	1	.84	U	ug/l	10	

U = NOT DETECTED J = ESTIMATED VALUE
UJ= REPORTED QUANTITATION LIMIT IS QUALIFIED AS ESTIMATED
R = RESULT IS REJECTED AND UNUSABLE

SITE 10

WHITING FIELD ANALYTICAL RESULT REPORT
VOLATILES ----- VALIDATED RESULTS

	Lab Sample Number:	22927009				22925001				22925002				22925M01			
	Site	WHITING				WHITING				WHITING				WHITING			
	Locator	10SS0201				10SS0302				10SS0302A				10SS0302MS			
	Collect Date:	07-OCT-92				07-OCT-92				07-OCT-92				07-OCT-92			
		VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL
CLP VOLATILES 90-SOW																	
Chloromethane		12	U	ug/kg	12	12	U	ug/kg	12	12	U	ug/kg	12	25	U	ug/kg	25
Bromomethane		12	U	ug/kg	12	12	U	ug/kg	12	12	U	ug/kg	12	25	U	ug/kg	25
Vinyl chloride		12	U	ug/kg	12	12	U	ug/kg	12	12	U	ug/kg	12	25	U	ug/kg	25
Chloroethane		12	U	ug/kg	12	12	U	ug/kg	12	12	U	ug/kg	12	25	U	ug/kg	25
Methylene chloride		14	UJ	ug/kg	12	34	UJ	ug/kg	12	25	UJ	ug/kg	12	35		ug/kg	25
Acetone		25	UJ	ug/kg	12	270	UJ	ug/kg	12	190	UJ	ug/kg	12	310		ug/kg	25
Carbon disulfide		2	J	ug/kg	12	3	J	ug/kg	12	2	J	ug/kg	12	4	J	ug/kg	25
1,1-Dichloroethene		12	U	ug/kg	12	12	U	ug/kg	12	12	U	ug/kg	12	25	U	ug/kg	25
1,1-Dichloroethane		12	U	ug/kg	12	12	U	ug/kg	12	12	U	ug/kg	12	25	U	ug/kg	25
1,2-Dichloroethene (total)		12	U	ug/kg	12	12	U	ug/kg	12	12	U	ug/kg	12	25	U	ug/kg	25
Chloroform		12	U	ug/kg	12	12	U	ug/kg	12	12	U	ug/kg	12	25	U	ug/kg	25
1,2-Dichloroethane		12	U	ug/kg	12	12	U	ug/kg	12	12	U	ug/kg	12	25	U	ug/kg	25
2-Butanone		12	U	ug/kg	12	62		ug/kg	12	40		ug/kg	12	86		ug/kg	25
1,1,1-Trichloroethane		12	U	ug/kg	12	12	U	ug/kg	12	12	U	ug/kg	12	25	U	ug/kg	25
Carbon tetrachloride		12	U	ug/kg	12	12	U	ug/kg	12	12	U	ug/kg	12	25	U	ug/kg	25
Bromodichloromethane		12	U	ug/kg	12	12	U	ug/kg	12	12	U	ug/kg	12	25	U	ug/kg	25
1,2-Dichloropropane		12	U	ug/kg	12	12	U	ug/kg	12	12	U	ug/kg	12	25	U	ug/kg	25
cis-1,3-Dichloropropene		12	U	ug/kg	12	12	U	ug/kg	12	12	U	ug/kg	12	25	U	ug/kg	25
Trichloroethene		12	U	ug/kg	12	12	U	ug/kg	12	12	U	ug/kg	12	25	U	ug/kg	25
Dibromochloromethane		12	U	ug/kg	12	12	U	ug/kg	12	12	U	ug/kg	12	25	U	ug/kg	25
1,1,2-Trichloroethane		12	U	ug/kg	12	12	U	ug/kg	12	12	U	ug/kg	12	25	U	ug/kg	25
Benzene		12	U	ug/kg	12	12	U	ug/kg	12	12	U	ug/kg	12	25	U	ug/kg	25
trans-1,3-Dichloropropene		12	U	ug/kg	12	12	U	ug/kg	12	12	U	ug/kg	12	25	U	ug/kg	25
Bromoform		12	U	ug/kg	12	12	U	ug/kg	12	12	U	ug/kg	12	25	U	ug/kg	25
4-Methyl-2-pentanone		12	U	ug/kg	12	12	U	ug/kg	12	12	U	ug/kg	12	25	U	ug/kg	25
2-Hexanone		12	U	ug/kg	12	12	U	ug/kg	12	12	U	ug/kg	12	25	U	ug/kg	25
Tetrachloroethene		12	U	ug/kg	12	12	U	ug/kg	12	12	U	ug/kg	12	25	U	ug/kg	25
Toluene		12	U	ug/kg	12	1	J	ug/kg	12	12	U	ug/kg	12	25	U	ug/kg	25
1,1,2,2-Tetrachloroethane		12	U	ug/kg	12	12	U	ug/kg	12	12	U	ug/kg	12	25	U	ug/kg	25
Chlorobenzene		12	U	ug/kg	12	12	U	ug/kg	12	12	U	ug/kg	12	25	U	ug/kg	25
Ethylbenzene		20		ug/kg	12	4	J	ug/kg	12	2	J	ug/kg	12	4	J	ug/kg	25
Styrene		12	U	ug/kg	12	12	U	ug/kg	12	12	U	ug/kg	12	25	U	ug/kg	25
Xylenes (total)		4	J	ug/kg	12	5	J	ug/kg	12	3	J	ug/kg	12	6	J	ug/kg	25

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WHITING FIELD ANAL CAL RESULT REPORT
VOLATILES ----- VALIDATED RESULTS

	22925D01				22925001DL				22927010			
Lab Sample Number:												
Site	WHITING				WHITING				WHITING			
Locator	10SS0302MSD				10SS0302_DL				10SS0503			
Collect Date:	07-OCT-92				07-OCT-92				07-OCT-92			
	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL
CLP VOLATILES 90-SOW												
Chloromethane	25	U	ug/kg	25	25	U	ug/kg	25	11	U	ug/kg	11
Bromomethane	25	U	ug/kg	25	25	U	ug/kg	25	11	U	ug/kg	11
Vinyl chloride	25	U	ug/kg	25	25	U	ug/kg	25	11	U	ug/kg	11
Chloroethane	25	U	ug/kg	25	25	U	ug/kg	25	11	U	ug/kg	11
Methylene chloride	36		ug/kg	25	50	UJ	ug/kg	25	11	UJ	ug/kg	11
Acetone	260		ug/kg	25	280	UJ	ug/kg	25	82	UJ	ug/kg	11
Carbon disulfide	4	J	ug/kg	25	5	J	ug/kg	25	5	J	ug/kg	11
1,1-Dichloroethene	25	U	ug/kg	25	25	U	ug/kg	25	11	U	ug/kg	11
1,1-Dichloroethane	25	U	ug/kg	25	25	U	ug/kg	25	11	U	ug/kg	11
1,2-Dichloroethene (total)	25	U	ug/kg	25	25	U	ug/kg	25	11	U	ug/kg	11
Chloroform	25	U	ug/kg	25	25	U	ug/kg	25	11	U	ug/kg	11
1,2-Dichloroethane	25	U	ug/kg	25	25	U	ug/kg	25	11	U	ug/kg	11
2-Butanone	78		ug/kg	25	70		ug/kg	25	11	U	ug/kg	11
1,1,1-Trichloroethane	25	U	ug/kg	25	25	U	ug/kg	25	11	U	ug/kg	11
Carbon tetrachloride	25	U	ug/kg	25	25	U	ug/kg	25	11	U	ug/kg	11
Bromodichloromethane	25	U	ug/kg	25	25	U	ug/kg	25	11	U	ug/kg	11
1,2-Dichloropropane	25	U	ug/kg	25	25	U	ug/kg	25	11	U	ug/kg	11
cis-1,3-Dichloropropene	25	U	ug/kg	25	25	U	ug/kg	25	11	U	ug/kg	11
Trichloroethene	25	U	ug/kg	25	25	U	ug/kg	25	11	U	ug/kg	11
Dibromochloromethane	25	U	ug/kg	25	25	U	ug/kg	25	11	U	ug/kg	11
1,1,2-Trichloroethane	25	U	ug/kg	25	25	U	ug/kg	25	11	U	ug/kg	11
Benzene	25	U	ug/kg	25	25	U	ug/kg	25	11	U	ug/kg	11
trans-1,3-Dichloropropene	25	U	ug/kg	25	25	U	ug/kg	25	11	U	ug/kg	11
Bromoform	25	U	ug/kg	25	25	U	ug/kg	25	11	U	ug/kg	11
4-Methyl-2-pentanone	25	U	ug/kg	25	25	U	ug/kg	25	11	U	ug/kg	11
2-Hexanone	25	U	ug/kg	25	25	U	ug/kg	25	11	U	ug/kg	11
Tetrachloroethene	25	U	ug/kg	25	25	U	ug/kg	25	11	U	ug/kg	11
Toluene	25	U	ug/kg	25	25	U	ug/kg	25	11	U	ug/kg	11
1,1,2,2-Tetrachloroethane	25	U	ug/kg	25	25	U	ug/kg	25	11	U	ug/kg	11
Chlorobenzene	25	U	ug/kg	25	25	U	ug/kg	25	11	U	ug/kg	11
Ethylbenzene	4	J	ug/kg	25	5	J	ug/kg	25	11	U	ug/kg	11
Styrene	25	U	ug/kg	25	25	U	ug/kg	25	11	U	ug/kg	11
Xylenes (total)	5	J	ug/kg	25	7	J	ug/kg	25	1	J	ug/kg	11

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R = RESULT IS REJECTED AND UNUSABLE

WHITING FIELD ANAL...CAL RESULT REPORT
SEMIVOLATILES ----- VALIDATED RESULTS

Lab Sample Number:	22927009				22925001				22925002				22925M01			
Site	WHITING				WHITING				WHITING				WHITING			
Locator	10SS0201				10SS0302				10SS0302A				10SS0302MS			
Collect Date:	07-OCT-92				07-OCT-92				07-OCT-92				07-OCT-92			
	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL
CLP SEMIVOLATILES 90-SOW																
Phenol	390	U	ug/kg	390	410	U	ug/kg	410	430	U	ug/kg	430	410	U	ug/kg	410
bis(2-Chloroethyl) ether	390	U	ug/kg	390	410	U	ug/kg	410	430	U	ug/kg	430	410	U	ug/kg	410
2-Chlorophenol	390	U	ug/kg	390	410	U	ug/kg	410	430	U	ug/kg	430	410	U	ug/kg	410
1,3-Dichlorobenzene	390	U	ug/kg	390	410	U	ug/kg	410	430	U	ug/kg	430	1000		ug/kg	410
1,4-Dichlorobenzene	390	U	ug/kg	390	410	U	ug/kg	410	430	U	ug/kg	430	410	U	ug/kg	410
1,2-Dichlorobenzene	390	U	ug/kg	390	410	U	ug/kg	410	430	U	ug/kg	430	410	U	ug/kg	410
2-Methylphenol	390	U	ug/kg	390	410	U	ug/kg	410	430	U	ug/kg	430	410	U	ug/kg	410
2,2-oxybis(1-Chloropropane)	390	U	ug/kg	390	410	U	ug/kg	410	430	U	ug/kg	430	410	U	ug/kg	410
4-Methylphenol	390	U	ug/kg	390	410	U	ug/kg	410	430	U	ug/kg	430	410	U	ug/kg	410
N-Nitroso-di-n-propylamine	390	U	ug/kg	390	410	U	ug/kg	410	430	U	ug/kg	430	410	U	ug/kg	410
Hexachloroethane	390	U	ug/kg	390	410	U	ug/kg	410	430	U	ug/kg	430	410	U	ug/kg	410
Nitrobenzene	390	U	ug/kg	390	410	UJ	ug/kg	410	430	UJ	ug/kg	430	410	U	ug/kg	410
Isophorone	390	U	ug/kg	390	410	UJ	ug/kg	410	430	UJ	ug/kg	430	410	U	ug/kg	410
2-Nitrophenol	390	U	ug/kg	390	410	U	ug/kg	410	430	U	ug/kg	430	410	U	ug/kg	410
2,4-Dimethylphenol	390	U	ug/kg	390	410	U	ug/kg	410	430	U	ug/kg	430	410	U	ug/kg	410
bis(2-Chloroethoxy) methane	390	U	ug/kg	390	410	U	ug/kg	410	430	U	ug/kg	430	410	U	ug/kg	410
2,4-Dichlorophenol	390	U	ug/kg	390	410	U	ug/kg	410	430	U	ug/kg	430	410	U	ug/kg	410
1,2,4-Trichlorobenzene	390	U	ug/kg	390	410	U	ug/kg	410	430	U	ug/kg	430	410	U	ug/kg	410
Naphthalene	160	J	ug/kg	390	240	J	ug/kg	410	260	J	ug/kg	430	160	J	ug/kg	410
4-Chloroaniline	390	U	ug/kg	390	410	U	ug/kg	410	430	U	ug/kg	430	410	U	ug/kg	410
Hexachlorobutadiene	390	U	ug/kg	390	410	U	ug/kg	410	430	U	ug/kg	430	410	U	ug/kg	410
4-Chloro-3-methylphenol	390	U	ug/kg	390	410	U	ug/kg	410	430	U	ug/kg	430	410	U	ug/kg	410
2-Methylnaphthalene	95	J	ug/kg	390	160	J	ug/kg	410	190	J	ug/kg	430	150	J	ug/kg	410
Hexachlorocyclopentadiene	390	U	ug/kg	390	410	U	ug/kg	410	430	U	ug/kg	430	410	U	ug/kg	410
2,4,6-Trichlorophenol	390	U	ug/kg	390	410	U	ug/kg	410	430	U	ug/kg	430	410	U	ug/kg	410
2,4,5-Trichlorophenol	940	U	ug/kg	940	1000	U	ug/kg	1000	1000	U	ug/kg	1000	1000	U	ug/kg	1000
2-Chloronaphthalene	390	U	ug/kg	390	410	U	ug/kg	410	430	U	ug/kg	430	410	U	ug/kg	410
2-Nitroaniline	940	U	ug/kg	940	1000	U	ug/kg	1000	1000	U	ug/kg	1000	1000	U	ug/kg	1000
Dimethylphthalate	390	U	ug/kg	390	410	U	ug/kg	410	430	U	ug/kg	430	410	U	ug/kg	410
Acenaphthylene	390	U	ug/kg	390	410	U	ug/kg	410	430	U	ug/kg	430	410	U	ug/kg	410
2,6-Dinitrotoluene	390	U	ug/kg	390	410	UJ	ug/kg	410	430	UJ	ug/kg	430	410	U	ug/kg	410
3-Nitroaniline	940	U	ug/kg	940	1000	UJ	ug/kg	1000	1000	UJ	ug/kg	1000	1000	U	ug/kg	1000
Acenaphthene	110	J	ug/kg	390	47	J	ug/kg	410	430	U	ug/kg	430	410	U	ug/kg	410
2,4-Dinitrophenol	940	UJ	ug/kg	940	1000	U	ug/kg	1000	1000	U	ug/kg	1000	1000	U	ug/kg	1000
4-Nitrophenol	940	UJ	ug/kg	940	1000	U	ug/kg	1000	1000	U	ug/kg	1000	1000	U	ug/kg	1000
Dibenzofuran	82	J	ug/kg	390	410	U	ug/kg	410	430	U	ug/kg	430	410	U	ug/kg	410
2,4-Dinitrotoluene	390	U	ug/kg	390	410	UJ	ug/kg	410	430	UJ	ug/kg	430	410	U	ug/kg	410
Diethylphthalate	390	U	ug/kg	390	410	U	ug/kg	410	430	U	ug/kg	430	410	U	ug/kg	410
4-Chlorophenyl-phenylether	390	U	ug/kg	390	410	U	ug/kg	410	430	U	ug/kg	430	410	U	ug/kg	410
Fluorene	140	J	ug/kg	390	55	J	ug/kg	410	430	U	ug/kg	430	410	U	ug/kg	410
4-Nitroaniline	940	UJ	ug/kg	940	1000	UJ	ug/kg	1000	1000	UJ	ug/kg	1000	1000	U	ug/kg	1000
4,6-Dinitro-2-methylphenol	940	UJ	ug/kg	940	1000	U	ug/kg	1000	1000	U	ug/kg	1000	1000	U	ug/kg	1000
N-Nitrosodiphenylamine (1)	390	U	ug/kg	390	410	U	ug/kg	410	430	U	ug/kg	430	410	U	ug/kg	410
4-Bromophenyl-phenylether	390	U	ug/kg	390	410	U	ug/kg	410	430	U	ug/kg	430	410	U	ug/kg	410
Hexachlorobenzene	390	U	ug/kg	390	410	U	ug/kg	410	430	U	ug/kg	430	410	U	ug/kg	410
Pentachlorophenol	940	U	ug/kg	940	1000	U	ug/kg	1000	1000	U	ug/kg	1000	1000	U	ug/kg	1000
Phenanthrene	77	J	ug/kg	390	130	J	ug/kg	410	100	J	ug/kg	430	190	J	ug/kg	410
Anthracene	390	U	ug/kg	390	410	U	ug/kg	410	430	U	ug/kg	430	410	U	ug/kg	410
Carbazole	390	U	ug/kg	390	410	UJ	ug/kg	410	430	UJ	ug/kg	430	410	U	ug/kg	410
Di-n-butylphthalate	390	U	ug/kg	390	410	UJ	ug/kg	410	430	UJ	ug/kg	430	110	J	ug/kg	410
Fluoranthene	390	U	ug/kg	390	70	J	ug/kg	410	46	J	ug/kg	430	410	U	ug/kg	410
Pyrene	390	U	ug/kg	390	410	U	ug/kg	410	51	J	ug/kg	430	410	U	ug/kg	410
Butylbenzylphthalate	390	U	ug/kg	390	410	U	ug/kg	410	430	U	ug/kg	430	410	U	ug/kg	410

WHITING FIELD ANAL[illegible]L RESULT REPORT
SEMIVOLATILES ----- VALIDATED RESULTS

Lab Sample Number:	22927009				22925001				22925002				22925M01			
Site	WHITING				WHITING				WHITING				WHITING			
Locator	10SS0201				10SS0302				10SS0302A				10SS0302MS			
Collect Date:	07-OCT-92				07-OCT-92				07-OCT-92				07-OCT-92			
	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL
3,3-Dichlorobenzidine	390	U	ug/kg	390	410	U	ug/kg	410	430	U	ug/kg	430	410	U	ug/kg	410
Benzo (a) anthracene	390	U	ug/kg	390	410	U	ug/kg	410	430	U	ug/kg	430	410	U	ug/kg	410
Chrysene	390	U	ug/kg	390	410	U	ug/kg	410	430	U	ug/kg	430	410	U	ug/kg	410
bis(2-Ethylhexyl) phthalate	390	U	ug/kg	390	410	UJ	ug/kg	410	430	UJ	ug/kg	430	410	U	ug/kg	410
Di-n-octylphthalate	390	U	ug/kg	390	410	U	ug/kg	410	430	U	ug/kg	430	410	U	ug/kg	410
Benzo (b) fluoranthene	390	U	ug/kg	390	410	U	ug/kg	410	430	U	ug/kg	430	410	U	ug/kg	410
Benzo (k) fluoranthene	390	UJ	ug/kg	390	410	U	ug/kg	410	430	U	ug/kg	430	410	U	ug/kg	410
Benzo (a) pyrene	390	U	ug/kg	390	410	U	ug/kg	410	430	U	ug/kg	430	410	U	ug/kg	410
Indeno (1,2,3-cd) pyrene	390	U	ug/kg	390	410	U	ug/kg	410	430	U	ug/kg	430	410	U	ug/kg	410
Dibenz (a,h) anthracene	390	U	ug/kg	390	410	U	ug/kg	410	430	U	ug/kg	430	410	U	ug/kg	410
Benzo (g,h,i) perylene	390	U	ug/kg	390	410	U	ug/kg	410	430	U	ug/kg	430	410	U	ug/kg	410

WHITING FIELD ANAL CAL RESULT REPORT
SEMIVOLATILES ----- VALIDATED RESULTS

Lab Sample Number:	22925D01				22927010			
Site	WHITING				WHITING			
Locator	10SS0302MSD				10SS0503			
Collect Date:	07-OCT-92				07-OCT-92			
	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL
CLP SEMIVOLATILES 90-SOW								
Phenol	410	U	ug/kg	410	370	U	ug/kg	370
bis(2-Chloroethyl) ether	410	U	ug/kg	410	370	U	ug/kg	370
2-Chlorophenol	410	U	ug/kg	410	370	U	ug/kg	370
1,3-Dichlorobenzene	410	U	ug/kg	410	370	U	ug/kg	370
1,4-Dichlorobenzene	410	U	ug/kg	410	370	U	ug/kg	370
1,2-Dichlorobenzene	410	U	ug/kg	410	370	U	ug/kg	370
2-Methylphenol	410	U	ug/kg	410	370	U	ug/kg	370
2,2-oxybis(1-Chloropropane)	410	U	ug/kg	410	370	U	ug/kg	370
4-Methylphenol	410	U	ug/kg	410	370	U	ug/kg	370
N-Nitroso-di-n-propylamine	410	U	ug/kg	410	370	U	ug/kg	370
Hexachloroethane	410	U	ug/kg	410	370	U	ug/kg	370
Nitrobenzene	410	U	ug/kg	410	370	U	ug/kg	370
Isophorone	410	U	ug/kg	410	370	U	ug/kg	370
2-Nitrophenol	410	U	ug/kg	410	370	U	ug/kg	370
2,4-Dimethylphenol	410	U	ug/kg	410	370	U	ug/kg	370
bis(2-Chloroethoxy) methane	410	U	ug/kg	410	370	U	ug/kg	370
2,4-Dichlorophenol	410	U	ug/kg	410	370	U	ug/kg	370
1,2,4-Trichlorobenzene	410	U	ug/kg	410	370	U	ug/kg	370
Naphthalene	120	J	ug/kg	410	370	U	ug/kg	370
4-Chloroaniline	410	U	ug/kg	410	370	U	ug/kg	370
Hexachlorobutadiene	410	U	ug/kg	410	370	U	ug/kg	370
4-Chloro-3-methylphenol	410	U	ug/kg	410	370	U	ug/kg	370
2-Methylnaphthalene	89	J	ug/kg	410	370	U	ug/kg	370
Hexachlorocyclopentadiene	410	U	ug/kg	410	370	U	ug/kg	370
2,4,6-Trichlorophenol	410	U	ug/kg	410	370	U	ug/kg	370
2,4,5-Trichlorophenol	1000	U	ug/kg	1000	910	U	ug/kg	910
2-Chloronaphthalene	410	U	ug/kg	410	370	U	ug/kg	370
2-Nitroaniline	1000	U	ug/kg	1000	910	U	ug/kg	910
Dimethylphthalate	410	U	ug/kg	410	370	U	ug/kg	370
Acenaphthylene	410	U	ug/kg	410	370	U	ug/kg	370
2,6-Dinitrotoluene	410	U	ug/kg	410	370	U	ug/kg	370
3-Nitroaniline	1000	U	ug/kg	1000	910	U	ug/kg	910
Acenaphthene	410	U	ug/kg	410	370	U	ug/kg	370
2,4-Dinitrophenol	1000	U	ug/kg	1000	910	UJ	ug/kg	910
4-Nitrophenol	1000	U	ug/kg	1000	910	UJ	ug/kg	910
Dibenzofuran	410	U	ug/kg	410	370	U	ug/kg	370
2,4-Dinitrotoluene	410	U	ug/kg	410	370	U	ug/kg	370
Diethylphthalate	410	U	ug/kg	410	370	U	ug/kg	370
4-Chlorophenyl-phenylether	410	U	ug/kg	410	370	U	ug/kg	370
Fluorene	410	U	ug/kg	410	370	U	ug/kg	370
4-Nitroaniline	1000	U	ug/kg	1000	910	UJ	ug/kg	910
4,6-Dinitro-2-methylphenol	1000	U	ug/kg	1000	910	UJ	ug/kg	910
N-Nitrosodiphenylamine (1)	410	U	ug/kg	410	370	U	ug/kg	370
4-Bromophenyl-phenylether	410	U	ug/kg	410	370	U	ug/kg	370
Hexachlorobenzene	410	U	ug/kg	410	370	U	ug/kg	370
Pentachlorophenol	1000	U	ug/kg	1000	910	U	ug/kg	910
Phenanthrene	100	J	ug/kg	410	370	U	ug/kg	370
Anthracene	410	U	ug/kg	410	370	U	ug/kg	370
Carbazole	410	U	ug/kg	410	370	U	ug/kg	370
Di-n-butylphthalate	93	J	ug/kg	410	370	UJ	ug/kg	380
Fluoranthene	63	J	ug/kg	410	370	U	ug/kg	370
Pyrene	410	U	ug/kg	410	370	U	ug/kg	370

WHITING FIELD ANAL. .CAL RESULT REPORT
SEMIVOLATILES ----- VALIDATED RESULTS

Lab Sample Number:	22925D01				22927010				
Site	WHITING				WHITING				
Locator	10SS0302MSD				10SS0503				
Collect Date:	07-OCT-92				07-OCT-92				
	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	
Butylbenzylphthalate	410	U	ug/kg	410	370	U	ug/kg	370	
3,3-Dichlorobenzidine	410	U	ug/kg	410	370	UJ	ug/kg	370	
Benzo (a) anthracene	410	U	ug/kg	410	370	U	ug/kg	370	
Chrysene	410	U	ug/kg	410	370	U	ug/kg	370	
bis(2-Ethylhexyl) phthalate	410	U	ug/kg	410	370	U	ug/kg	370	
Di-n-octylphthalate	410	U	ug/kg	410	370	U	ug/kg	370	
Benzo (b) fluoranthene	410	U	ug/kg	410	370	U	ug/kg	370	
Benzo (k) fluoranthene	410	U	ug/kg	410	370	UJ	ug/kg	370	
Benzo (a) pyrene	410	U	ug/kg	410	370	U	ug/kg	370	
Indeno (1,2,3-cd) pyrene	410	U	ug/kg	410	370	U	ug/kg	370	
Dibenz (a,h) anthracene	410	U	ug/kg	410	370	U	ug/kg	370	
Benzo (g,h,i) perylene	410	U	ug/kg	410	370	U	ug/kg	370	

U = NOT DETECTED J = ESTIMATED VALUE
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R = RESULT IS REJECTED AND UNUSABLE

WHITING FIELD ANAL AL RESULT REPORT
PESTICIDES AND PCBs ----- VALIDATED RESULTS

Lab Sample Number:	22927009				22925001				22925002				22925M01			
Site	WHITING				WHITING				WHITING				WHITING			
Locator	10SS0201				10SS0302				10SS0302A				10SS0302MS			
Collect Date:	07-OCT-92				07-OCT-92				07-OCT-92				07-OCT-92			
	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL
CLP PESTICIDES/PCBS 90-SOW																
alpha-BHC	2	U	ug/kg	2	8.5	U	ug/kg	8.5	8.8	U	ug/kg	8.8	8.5	U	ug/kg	8.5
beta-BHC	2	U	ug/kg	2	8.5	U	ug/kg	8.5	8.8	U	ug/kg	8.8	8.5	U	ug/kg	8.5
delta-BHC	2	U	ug/kg	2	8.5	U	ug/kg	8.5	8.8	U	ug/kg	8.8	8.5	U	ug/kg	8.5
gamma-BHC (Lindane)	2	U	ug/kg	2	8.5	U	ug/kg	8.5	8.8	U	ug/kg	8.8	19		ug/kg	8.5
Heptachlor	2	U	ug/kg	2	8.5	U	ug/kg	8.5	8.8	U	ug/kg	8.8	13		ug/kg	8.5
Aldrin	3.9	J	ug/kg	2	8.5	U	ug/kg	8.5	8.8	U	ug/kg	8.8	18		ug/kg	8.5
Heptachlor epoxide	2	U	ug/kg	2	8.5	U	ug/kg	8.5	8.8	U	ug/kg	8.8	8.5	U	ug/kg	8.5
Endosulfan I	2	U	ug/kg	2	8.5	U	ug/kg	8.5	8.8	U	ug/kg	8.8	8.5	U	ug/kg	8.5
Dieldrin	5		ug/kg	4	16	U	ug/kg	16	17	U	ug/kg	17	36		ug/kg	16
4,4-DDE	9.3		ug/kg	4	16	U	ug/kg	16	17	U	ug/kg	17	16	U	ug/kg	16
Endrin	3.9	U	ug/kg	3.9	16	U	ug/kg	16	17	U	ug/kg	17	34		ug/kg	16
Endosulfan II	3.9	U	ug/kg	3.9	16	U	ug/kg	16	17	U	ug/kg	17	16	U	ug/kg	16
4,4-DDD	10		ug/kg	4	16	U	ug/kg	16	17	U	ug/kg	17	16	U	ug/kg	16
Endosulfan sulfate	3.9	U	ug/kg	3.9	16	U	ug/kg	16	17	U	ug/kg	17	16	U	ug/kg	16
4,4-DDT	3.9	J	ug/kg	3.9	16	U	ug/kg	16	17	U	ug/kg	17	36		ug/kg	16
Methoxychlor	20	U	ug/kg	20	85	U	ug/kg	85	88	U	ug/kg	88	85	U	ug/kg	85
Endrin ketone	3.9	U	ug/kg	3.9	16	U	ug/kg	16	17	U	ug/kg	17	16	U	ug/kg	16
Endrin aldehyde	3.9	U	ug/kg	3.9	16	U	ug/kg	16	17	U	ug/kg	17	16	U	ug/kg	16
alpha-Chlordane	2	U	ug/kg	2	8.5	U	ug/kg	8.5	8.8	U	ug/kg	8.8	8.5	U	ug/kg	8.5
gamma-Chlordane	2	U	ug/kg	2	8.5	U	ug/kg	8.5	8.8	U	ug/kg	8.8	8.5	U	ug/kg	8.5
Toxaphene	200	U	ug/kg	200	850	U	ug/kg	850	880	U	ug/kg	880	850	U	ug/kg	850
Aroclor-1016	39	U	ug/kg	39	160	U	ug/kg	160	170	U	ug/kg	170	160	U	ug/kg	160
Aroclor-1221	79	U	ug/kg	79	340	U	ug/kg	340	350	U	ug/kg	350	340	U	ug/kg	340
Aroclor-1232	39	U	ug/kg	39	160	U	ug/kg	160	170	U	ug/kg	170	160	U	ug/kg	160
Aroclor-1242	39	U	ug/kg	39	160	U	ug/kg	160	170	U	ug/kg	170	160	U	ug/kg	160
Aroclor-1248	39	U	ug/kg	39	160	U	ug/kg	160	170	U	ug/kg	170	160	U	ug/kg	160
Aroclor-1254	39	U	ug/kg	39	160	U	ug/kg	160	170	U	ug/kg	170	160	U	ug/kg	160
Aroclor-1260	39	U	ug/kg	39	160	U	ug/kg	160	170	U	ug/kg	170	160	U	ug/kg	160

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R = RESULT IS REJECTED AND UNUSABLE

WHITING FIELD ANAL CAL RESULT REPORT
PESTICIDES AND PCBs ----- VALIDATED RESULTS

Lab Sample Number:	22925D01				22927010			
Site	WHITING				WHITING			
Locator	10SS0302MSD				10SS0503			
Collect Date:	07-OCT-92				07-OCT-92			
	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL
CLP PESTICIDES/PCBS 90-SOW								
alpha-BHC	8.5	U	ug/kg	8.5	1.9	U	ug/kg	1.9
beta-BHC	8.5	U	ug/kg	8.5	1.9	U	ug/kg	1.9
delta-BHC	8.5	U	ug/kg	8.5	1.9	U	ug/kg	1.9
gamma-BHC (Lindane)	13		ug/kg	8.5	1.9	U	ug/kg	1.9
Heptachlor	8.9		ug/kg	8.5	1.9	U	ug/kg	1.9
Aldrin	13		ug/kg	8.5	1.9	U	ug/kg	1.9
Heptachlor epoxide	8.5	U	ug/kg	8.5	1.9	U	ug/kg	1.9
Endosulfan I	8.5	U	ug/kg	8.5	1.9	U	ug/kg	1.9
Dieldrin	25		ug/kg	16	3.7	U	ug/kg	3.7
4,4-DDE	16	U	ug/kg	16	.66	J	ug/kg	3.7
Endrin	23		ug/kg	16	3.7	U	ug/kg	3.7
Endosulfan II	16	U	ug/kg	16	3.7	U	ug/kg	3.7
4,4-DDD	16	U	ug/kg	16	1.4	J	ug/kg	3.7
Endosulfan sulfate	16	U	ug/kg	16	3.7	U	ug/kg	3.7
4,4-DDT	24		ug/kg	16	3.7	U	ug/kg	3.7
Methoxychlor	85	U	ug/kg	85	19	U	ug/kg	19
Endrin ketone	16	U	ug/kg	16	3.7	U	ug/kg	3.7
Endrin aldehyde	16	U	ug/kg	16	3.7	U	ug/kg	3.7
alpha-Chlordane	8.5	U	ug/kg	8.5	1.9	U	ug/kg	1.9
gamma-Chlordane	8.5	U	ug/kg	8.5	1.9	U	ug/kg	1.9
Toxaphene	850	U	ug/kg	850	190	U	ug/kg	190
Aroclor-1016	160	U	ug/kg	160	37	U	ug/kg	37
Aroclor-1221	340	U	ug/kg	340	76	U	ug/kg	76
Aroclor-1232	160	U	ug/kg	160	37	U	ug/kg	37
Aroclor-1242	160	U	ug/kg	160	37	U	ug/kg	37
Aroclor-1248	160	U	ug/kg	160	37	U	ug/kg	37
Aroclor-1254	160	U	ug/kg	160	37	U	ug/kg	37
Aroclor-1260	160	U	ug/kg	160	37	U	ug/kg	37

U = NOT DETECTED J = ESTIMATED VALUE
" PORTED QUANTITATION LIMIT IS QUALIFIED AS ESTIMATED
SULT IS REJECTED AND UNUSABLE

WHITING FIELD ANAL[illegible]AL RESULT REPORT
INORGANICS - METALS ----- VALIDATED RESULTS

	Lab Sample Number:	22927009				22925001				22925002				22927010			
	Site	WHITING				WHITING				WHITING				WHITING			
	Locator	10SS0201				10SS0302				10SS0302A				10SS0503			
	Collect Date:	07-OCT-92				07-OCT-92				07-OCT-92				07-OCT-92			
		VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL
CLP METALS AND CYANIDE																	
Aluminum		12300		mg/kg	40	11300		mg/kg	40	12700		mg/kg	40	12400		mg/kg	40
Antimony		7.9	J	mg/kg	12	3.1	UJ	mg/kg	12	3	UJ	mg/kg	12	2.8	U	mg/kg	12
Arsenic		1.7	J	mg/kg	2	2.4	J	mg/kg	2	2.5		mg/kg	2	3.7		mg/kg	2
Barium		14.6	J	mg/kg	40	13.5	J	mg/kg	40	12.5	J	mg/kg	40	28.2	J	mg/kg	40
Beryllium		.4	J	mg/kg	1	.13	J	mg/kg	1	.21	J	mg/kg	1	.16	J	mg/kg	1
Cadmium		.91	J	mg/kg	1	.75	U	mg/kg	1	.71	U	mg/kg	1	.67	U	mg/kg	1
Calcium		4100		mg/kg	1000	729	UJ	mg/kg	1000	1020	UJ	mg/kg	1000	502	J	mg/kg	1000
Chromium		207		mg/kg	2	11.9	J	mg/kg	2	13.6	J	mg/kg	2	11.2		mg/kg	2
Cobalt		2.5	J	mg/kg	10	.84	U	mg/kg	10	.8	U	mg/kg	10	.75	U	mg/kg	10
Copper		11.9		mg/kg	5	4.7	J	mg/kg	5	5.5	J	mg/kg	5	4.5	J	mg/kg	5
Iron		44600		mg/kg	20	7270	J	mg/kg	20	7720	J	mg/kg	20	7750		mg/kg	20
Lead		82.4		mg/kg	1	14.3		mg/kg	1	13.4		mg/kg	1	64.8		mg/kg	1
Magnesium		160	J	mg/kg	1000	130	J	mg/kg	1000	167	J	mg/kg	1000	90.9	J	mg/kg	1000
Manganese		124		mg/kg	3	39.8	J	mg/kg	3	41.6	J	mg/kg	3	13.3		mg/kg	3
Mercury		.12	J	mg/kg	.1	.18	UJ	mg/kg	.1	.09	UJ	mg/kg	.1	.08	J	mg/kg	.1
Nickel		4.2	J	mg/kg	8	3.2	UJ	mg/kg	8	3	UJ	mg/kg	8	1.9	J	mg/kg	8
Potassium		185	J	mg/kg	1000	171	U	mg/kg	1000	299	J	mg/kg	1000	154	U	mg/kg	1000
Selenium		.49	U	mg/kg	1	.53	UJ	mg/kg	1	.67	J	mg/kg	1	.47	U	mg/kg	1
Silver		1	J	mg/kg	2	.51	U	mg/kg	2	.36	U	mg/kg	2	.46	J	mg/kg	2
Sodium		182	J	mg/kg	1000	208	UJ	mg/kg	1000	210	UJ	mg/kg	1000	212	J	mg/kg	1000
Thallium		.37	U	mg/kg	2	.4	U	mg/kg	2	.38	U	mg/kg	2	.36	U	mg/kg	2
Vanadium		104		mg/kg	10	18.8	J	mg/kg	10	20.8	J	mg/kg	10	22.7		mg/kg	10
Zinc		27.3		mg/kg	4	21.6		mg/kg	4	17.2		mg/kg	4	24.9		mg/kg	4
Cyanide		.1	U	mg/kg	1	.11	U	mg/kg	1	.1	U	mg/kg	1	.49	J	mg/kg	1

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R = RESULT IS REJECTED AND UNUSABLE

SITE 11

WHITING FIELD ANAL .AL RESULT REPORT
VOLATILES ----- VALIDATED RESULTS

Lab Sample Number:	22935008				22935001				22935002			
Site	WHITING				WHITING				WHITING			
Locator	11SS0101				11SS0202				11SS0303			
Collect Date:	08-OCT-92				08-OCT-92				08-OCT-92			
	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL
CLP VOLATILES 90-SOW												
Chloromethane	11	U	ug/kg	11	11	U	ug/kg	11	12	U	ug/kg	12
Bromomethane	11	U	ug/kg	11	11	U	ug/kg	11	12	U	ug/kg	12
Vinyl chloride	11	U	ug/kg	11	11	U	ug/kg	11	12	U	ug/kg	12
Chloroethane	11	U	ug/kg	11	11	U	ug/kg	11	12	U	ug/kg	12
Methylene chloride	18	UJ	ug/kg	11	12	UJ	ug/kg	11	31	UJ	ug/kg	12
Acetone	100	J	ug/kg	11	19	UJ	ug/kg	11	80	J	ug/kg	12
Carbon disulfide	11	U	ug/kg	11	11	U	ug/kg	11	12	U	ug/kg	12
1,1-Dichloroethene	11	U	ug/kg	11	11	U	ug/kg	11	12	U	ug/kg	12
1,1-Dichloroethane	11	U	ug/kg	11	11	U	ug/kg	11	12	U	ug/kg	12
1,2-Dichloroethene (total)	11	U	ug/kg	11	11	U	ug/kg	11	12	U	ug/kg	12
Chloroform	11	U	ug/kg	11	11	U	ug/kg	11	12	U	ug/kg	12
1,2-Dichloroethane	11	U	ug/kg	11	11	U	ug/kg	11	12	U	ug/kg	12
2-Butanone	11	U	ug/kg	11	11	U	ug/kg	11	12	U	ug/kg	12
1,1,1-Trichloroethane	11	U	ug/kg	11	11	U	ug/kg	11	12	U	ug/kg	12
Carbon tetrachloride	11	U	ug/kg	11	11	U	ug/kg	11	12	U	ug/kg	12
Bromodichloromethane	11	U	ug/kg	11	11	U	ug/kg	11	12	U	ug/kg	12
1,2-Dichloropropane	11	U	ug/kg	11	11	U	ug/kg	11	12	U	ug/kg	12
cis-1,3-Dichloropropene	11	U	ug/kg	11	11	U	ug/kg	11	12	U	ug/kg	12
Trichloroethene	11	U	ug/kg	11	11	U	ug/kg	11	12	U	ug/kg	12
Dibromochloromethane	11	U	ug/kg	11	11	U	ug/kg	11	12	U	ug/kg	12
1,1,2-Trichloroethane	11	U	ug/kg	11	11	U	ug/kg	11	12	U	ug/kg	12
Benzene	11	U	ug/kg	11	11	U	ug/kg	11	12	U	ug/kg	12
trans-1,3-Dichloropropene	11	U	ug/kg	11	11	U	ug/kg	11	12	U	ug/kg	12
Bromoform	11	U	ug/kg	11	11	U	ug/kg	11	12	U	ug/kg	12
4-Methyl-2-pentanone	11	U	ug/kg	11	11	U	ug/kg	11	12	U	ug/kg	12
2-Hexanone	11	U	ug/kg	11	11	U	ug/kg	11	12	U	ug/kg	12
Tetrachloroethene	11	U	ug/kg	11	11	U	ug/kg	11	12	U	ug/kg	12
Toluene	4	J	ug/kg	11	11	U	ug/kg	11	12	U	ug/kg	12
1,1,2,2-Tetrachloroethane	11	U	ug/kg	11	11	U	ug/kg	11	12	U	ug/kg	12
Chlorobenzene	11	U	ug/kg	11	11	U	ug/kg	11	12	U	ug/kg	12
Ethylbenzene	11	U	ug/kg	11	11	U	ug/kg	11	12	U	ug/kg	12
Styrene	11	U	ug/kg	11	11	U	ug/kg	11	12	U	ug/kg	12
Xylenes (total)	4	J	ug/kg	11	4	J	ug/kg	11	8	J	ug/kg	12

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WHITING FIELD ANAL. CAL RESULT REPORT
SEMIVOLATILES ----- VALIDATED RESULTS

Lab Sample Number:	22935008				22935001				22935002			
Site	WHITING				WHITING				WHITING			
Locator	11SS0101				11SS0202				11SS0303			
Collect Date:	08-OCT-92				08-OCT-92				08-OCT-92			
	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL
CLP SEMIVOLATILES 90-SOW												
Phenol	380	U	ug/kg	380	370	U	ug/kg	370	4000	U	ug/kg	4000
bis(2-Chloroethyl) ether	380	U	ug/kg	380	370	U	ug/kg	370	4000	U	ug/kg	4000
2-Chlorophenol	380	U	ug/kg	380	370	U	ug/kg	370	4000	U	ug/kg	4000
1,3-Dichlorobenzene	380	U	ug/kg	380	370	U	ug/kg	370	4000	U	ug/kg	4000
1,4-Dichlorobenzene	380	U	ug/kg	380	370	U	ug/kg	370	4000	U	ug/kg	4000
1,2-Dichlorobenzene	380	U	ug/kg	380	370	U	ug/kg	370	4000	U	ug/kg	4000
2-Methylphenol	380	U	ug/kg	380	370	U	ug/kg	370	4000	U	ug/kg	4000
2,2-oxybis(1-Chloropropane)	380	U	ug/kg	380	370	U	ug/kg	370	4000	U	ug/kg	4000
4-Methylphenol	380	U	ug/kg	380	370	U	ug/kg	370	4000	U	ug/kg	4000
N-Nitroso-di-n-propylamine	380	U	ug/kg	380	370	U	ug/kg	370	4000	U	ug/kg	4000
Hexachloroethane	380	U	ug/kg	380	370	U	ug/kg	370	4000	U	ug/kg	4000
Nitrobenzene	380	U	ug/kg	380	370	U	ug/kg	370	4000	U	ug/kg	4000
Isophorone	380	U	ug/kg	380	370	U	ug/kg	370	4000	U	ug/kg	4000
2-Nitrophenol	380	U	ug/kg	380	370	U	ug/kg	370	4000	U	ug/kg	4000
2,4-Dimethylphenol	380	U	ug/kg	380	370	U	ug/kg	370	4000	U	ug/kg	4000
bis(2-Chloroethoxy) methane	380	U	ug/kg	380	370	U	ug/kg	370	4000	U	ug/kg	4000
2,4-Dichlorophenol	380	U	ug/kg	380	370	U	ug/kg	370	4000	U	ug/kg	4000
1,2,4-Trichlorobenzene	380	UJ	ug/kg	380	370	UJ	ug/kg	370	4000	U	ug/kg	4000
Naphthalene	380	U	ug/kg	380	370	U	ug/kg	370	4000	U	ug/kg	4000
4-Chloroaniline	380	U	ug/kg	380	370	U	ug/kg	370	4000	U	ug/kg	4000
Hexachlorobutadiene	380	UJ	ug/kg	380	370	U	ug/kg	370	4000	UJ	ug/kg	4000
4-Chloro-3-methylphenol	380	U	ug/kg	380	370	U	ug/kg	370	4000	U	ug/kg	4000
2-Methylnaphthalene	380	U	ug/kg	380	370	UJ	ug/kg	370	4000	U	ug/kg	4000
Hexachlorocyclopentadiene	380	U	ug/kg	380	370	U	ug/kg	370	4000	UJ	ug/kg	4000
2,4,6-Trichlorophenol	380	U	ug/kg	380	370	U	ug/kg	370	4000	U	ug/kg	4000
2,4,5-Trichlorophenol	920	U	ug/kg	920	900	U	ug/kg	900	9800	U	ug/kg	9800
2-Chloronaphthalene	380	U	ug/kg	380	370	U	ug/kg	370	4000	U	ug/kg	4000
2-Nitroaniline	920	U	ug/kg	920	900	U	ug/kg	900	9800	U	ug/kg	9800
Dimethylphthalate	380	U	ug/kg	380	370	U	ug/kg	370	4000	U	ug/kg	4000
Acenaphthylene	380	U	ug/kg	380	370	U	ug/kg	370	4000	U	ug/kg	4000
2,6-Dinitrotoluene	380	U	ug/kg	380	370	U	ug/kg	370	4000	U	ug/kg	4000
3-Nitroaniline	920	U	ug/kg	920	900	U	ug/kg	900	9800	U	ug/kg	9800
Acenaphthene	380	U	ug/kg	380	370	U	ug/kg	370	4000	U	ug/kg	4000
2,4-Dinitrophenol	920	UJ	ug/kg	920	900	UJ	ug/kg	900	9800	U	ug/kg	9800
4-Nitrophenol	920	U	ug/kg	920	900	U	ug/kg	900	9800	U	ug/kg	9800
Dibenzofuran	380	U	ug/kg	380	370	U	ug/kg	370	4000	U	ug/kg	4000
2,4-Dinitrotoluene	380	U	ug/kg	380	370	U	ug/kg	370	4000	U	ug/kg	4000
Diethylphthalate	380	U	ug/kg	380	370	U	ug/kg	370	4000	U	ug/kg	4000
4-Chlorophenyl-phenylether	380	U	ug/kg	380	370	U	ug/kg	370	4000	U	ug/kg	4000
Fluorene	380	U	ug/kg	380	370	U	ug/kg	370	4000	U	ug/kg	4000
4-Nitroaniline	920	U	ug/kg	920	900	U	ug/kg	900	9800	U	ug/kg	9800
4,6-Dinitro-2-methylphenol	920	UJ	ug/kg	920	900	UJ	ug/kg	900	9800	U	ug/kg	9800
N-Nitrosodiphenylamine (1)	380	U	ug/kg	380	370	U	ug/kg	370	4000	U	ug/kg	4000
4-Bromophenyl-phenylether	380	U	ug/kg	380	370	U	ug/kg	370	4000	U	ug/kg	4000
Hexachlorobenzene	380	U	ug/kg	380	370	U	ug/kg	370	4000	UJ	ug/kg	4000
Pentachlorophenol	920	U	ug/kg	920	900	U	ug/kg	900	9800	U	ug/kg	9800
Phenanthrene	380	U	ug/kg	380	370	U	ug/kg	370	4000	U	ug/kg	4000
Anthracene	380	U	ug/kg	380	370	U	ug/kg	370	4000	U	ug/kg	4000
Carbazole	380	UJ	ug/kg	380	370	UJ	ug/kg	370	4000	U	ug/kg	4000
Di-n-butylphthalate	380	UJ	ug/kg	380	370	UJ	ug/kg	370	4000	U	ug/kg	4000
Fluoranthene	380	U	ug/kg	380	370	U	ug/kg	370	4000	U	ug/kg	4000
Pyrene	380	U	ug/kg	380	370	U	ug/kg	370	4000	U	ug/kg	4000
Butylbenzylph[illegible]e	380	U	ug/kg	380	370	U	[illegible]g	370	4000	U	ug/kg	4000

WHITING FIELD ANAL. .AL RESULT REPORT
SEMIVOLATILES ----- VALIDATED RESULTS

Lab Sample Number:	22935008				22935001				22935002			
Site	WHITING				WHITING				WHITING			
Locator	11SS0101				11SS0202				11SS0303			
Collect Date:	08-OCT-92				08-OCT-92				08-OCT-92			
	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL
3,3-Dichlorobenzidine	380	UJ	ug/kg	380	370	UJ	ug/kg	370	4000	UJ	ug/kg	4000
Benzo (a) anthracene	380	U	ug/kg	380	370	U	ug/kg	370	4000	U	ug/kg	4000
Chrysene	380	U	ug/kg	380	370	U	ug/kg	370	4000	U	ug/kg	4000
bis(2-Ethylhexyl) phthalate	100	J	ug/kg	380	370	U	ug/kg	370	4000	U	ug/kg	4000
Di-n-octylphthalate	380	U	ug/kg	380	370	U	ug/kg	370	4000	U	ug/kg	4000
Benzo (b) fluoranthene	380	UJ	ug/kg	380	370	UJ	ug/kg	370	4000	U	ug/kg	4000
Benzo (k) fluoranthene	380	U	ug/kg	380	370	U	ug/kg	370	4000	U	ug/kg	4000
Benzo (a) pyrene	380	U	ug/kg	380	370	U	ug/kg	370	4000	U	ug/kg	4000
Indeno (1,2,3-cd) pyrene	380	U	ug/kg	380	370	U	ug/kg	370	4000	U	ug/kg	4000
Dibenz (a,h) anthracene	380	U	ug/kg	380	370	U	ug/kg	370	4000	U	ug/kg	4000
Benzo (g,h,i) perylene	380	U	ug/kg	380	370	U	ug/kg	370	4000	U	ug/kg	4000

U = NOT DETECTED J = ESTIMATED VALUE
UJ= REPORTED QUANTITATION LIMIT IS QUALIFIED AS ESTIMATED
R = RESULT IS REJECTED AND UNUSABLE

WHITING FIELD ANAL CAL RESULT REPORT
PESTICIDES AND PCBs ----- VALIDATED RESULTS

Lab Sample Number:	22935008				22935001				22935002			
Site	WHITING				WHITING				WHITING			
Locator	11SS0101				11SS0202				11SS0303			
Collect Date:	08-OCT-92				08-OCT-92				08-OCT-92			
	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL
CLP PESTICIDES/PCBS 90-SOW												
alpha-BHC	3.9	U	ug/kg	3.9	1.9	U	ug/kg	1.9	21	U	ug/kg	21
beta-BHC	3.9	U	ug/kg	3.9	1.9	U	ug/kg	1.9	21	U	ug/kg	21
delta-BHC	3.9	U	ug/kg	3.9	1.9	U	ug/kg	1.9	21	U	ug/kg	21
gamma-BHC (Lindane)	3.9	U	ug/kg	3.9	1.9	U	ug/kg	1.9	21	U	ug/kg	21
Heptachlor	3.9	U	ug/kg	3.9	1.9	U	ug/kg	1.9	21	U	ug/kg	21
Aldrin	7	J	ug/kg	3.9	1.9	U	ug/kg	1.9	21	U	ug/kg	21
Heptachlor epoxide	3.9	U	ug/kg	3.9	1.9	U	ug/kg	1.9	21	U	ug/kg	21
Endosulfan I	3.9	U	ug/kg	3.9	1.9	U	ug/kg	1.9	21	U	ug/kg	21
Dieldrin	23	J	ug/kg	7.6	2	J	ug/kg	4	33	J	ug/kg	40
4,4-DDE	5	J	ug/kg	7.6	27		ug/kg	4	22	J	ug/kg	40
Endrin	7.6	U	ug/kg	7.6	3.7	U	ug/kg	3.7	40	U	ug/kg	40
Endosulfan II	7.6	U	ug/kg	7.6	3.7	U	ug/kg	3.7	40	U	ug/kg	40
4,4-DDD	22	J	ug/kg	7.6	3.7	U	ug/kg	3.7	120		ug/kg	40
Endosulfan sulfate	7.6	U	ug/kg	7.6	3.7	U	ug/kg	3.7	40	U	ug/kg	40
4,4-DDT	7.6	U	ug/kg	7.6	8.4		ug/kg	4	28	J	ug/kg	40
Methoxychlor	39	U	ug/kg	39	19	U	ug/kg	19	210	U	ug/kg	210
Endrin ketone	7.6	U	ug/kg	7.6	3.7	U	ug/kg	3.7	40	U	ug/kg	40
Endrin aldehyde	7.6	U	ug/kg	7.6	3.7	U	ug/kg	3.7	40	U	ug/kg	40
alpha-Chlordane	3.9	U	ug/kg	3.9	1.9	U	ug/kg	1.9	21	U	ug/kg	21
gamma-Chlordane	3.9	U	ug/kg	3.9	1.9	U	ug/kg	1.9	21	U	ug/kg	21
Toxaphene	390	U	ug/kg	390	190	U	ug/kg	190	2100	U	ug/kg	2100
Aroclor-1016	76	U	ug/kg	76	37	U	ug/kg	37	400	U	ug/kg	400
Aroclor-1221	150	U	ug/kg	150	75	U	ug/kg	75	820	U	ug/kg	820
Aroclor-1232	76	U	ug/kg	76	37	U	ug/kg	37	400	U	ug/kg	400
Aroclor-1242	76	U	ug/kg	76	37	U	ug/kg	37	400	U	ug/kg	400
Aroclor-1248	76	U	ug/kg	76	37	U	ug/kg	37	400	U	ug/kg	400
Aroclor-1254	260	J	ug/kg	76	37	U	ug/kg	37	400	U	ug/kg	400
Aroclor-1260	62	J	ug/kg	76	37	U	ug/kg	37	400	U	ug/kg	400

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R ULT IS REJECTED AND UNUSABLE

WHITING FIELD ANAL /L RESULT REPORT
INORGANICS - METALS ----- VALIDATED RESULTS

Lab Sample Number:	22935008				22935001				22935002			
Site	WHITING				WHITING				WHITING			
Locator	11SS0101				11SS0202				11SS0303			
Collect Date:	08-OCT-92				08-OCT-92				08-OCT-92			
	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL
CLP METALS AND CYANIDE												
Aluminum	17100		mg/kg	40	19400		mg/kg	40	11300		mg/kg	40
Antimony	2.4	U	mg/kg	12	2.4	U	mg/kg	12	2.6	U	mg/kg	12
Arsenic	3.9		mg/kg	2	5.5		mg/kg	2	3.7		mg/kg	2
Barium	14.6	J	mg/kg	40	10.7	J	mg/kg	40	28.5	J	mg/kg	40
Beryllium	.18	J	mg/kg	1	.21	J	mg/kg	1	.12	J	mg/kg	1
Cadmium	5		mg/kg	1	.67	U	mg/kg	1	6.5		mg/kg	1
Calcium	601	J	mg/kg	1000	766	J	mg/kg	1000	12100		mg/kg	1000
Chromium	19.5		mg/kg	2	17.2		mg/kg	2	11.4		mg/kg	2
Cobalt	1.2	J	mg/kg	10	1.1	J	mg/kg	10	1.7	J	mg/kg	10
Copper	17.2		mg/kg	5	5.9		mg/kg	5	6.7		mg/kg	5
Iron	16800		mg/kg	20	15600		mg/kg	20	7780		mg/kg	20
Lead	64.4		mg/kg	1	7.4		mg/kg	1	109		mg/kg	1
Magnesium	85.2	J	mg/kg	1000	97	J	mg/kg	1000	311	J	mg/kg	1000
Manganese	20.6		mg/kg	3	41		mg/kg	3	188		mg/kg	3
Mercury	.11		mg/kg	.1	.08	J	mg/kg	.1	.2	J	mg/kg	.1
Nickel	3.7	J	mg/kg	8	3.5	J	mg/kg	8	3.9	J	mg/kg	8
Potassium	154	U	mg/kg	1000	151	U	mg/kg	1000	161	U	mg/kg	1000
Selenium	.48	U	mg/kg	1	.56	J	mg/kg	1	.5	U	mg/kg	1
Silver	.46	U	mg/kg	2	.45	U	mg/kg	2	.48	U	mg/kg	2
Sodium	176	J	mg/kg	1000	167	J	mg/kg	1000	189	J	mg/kg	1000
Thallium	.36	U	mg/kg	2	.35	U	mg/kg	2	.38	U	mg/kg	2
Vanadium	34.9		mg/kg	10	37.5		mg/kg	10	22.2		mg/kg	10
Zinc	298		mg/kg	4	12.8	J	mg/kg	4	100		mg/kg	4
Cyanide	.09	U	mg/kg	1	.09	U	mg/kg	1	.1	U	mg/kg	1

U = NOT DETECTED J = ESTIMATED VALUE
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SITE 13

WHITING FIELD ANAL..ICAL RESULT REPORT
VOLATILES ----- VALIDATED RESULTS

Lab Sample Number:	22927002				22927003				22927005				22927006			
Site	WHITING				WHITING				WHITING				WHITING			
Locator	13SS0201				13SS0302				13SS0503				13SS0503A			
Collect Date:	06-OCT-92				06-OCT-92				06-OCT-92				06-OCT-92			
	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL
CLP VOLATILES 90-SOW																
Chloromethane	13	U	ug/kg	13	11	U	ug/kg	11	56	U	ug/kg	56	31	U	ug/kg	31
Bromomethane	13	U	ug/kg	13	11	U	ug/kg	11	56	U	ug/kg	56	31	U	ug/kg	31
Vinyl chloride	13	U	ug/kg	13	11	U	ug/kg	11	56	U	ug/kg	56	31	U	ug/kg	31
Chloroethane	13	U	ug/kg	13	11	U	ug/kg	11	56	U	ug/kg	56	31	U	ug/kg	31
Methylene chloride	13	UJ	ug/kg	13	11	UJ	ug/kg	11	56	UJ	ug/kg	56	31	UJ	ug/kg	31
Acetone	86	J	ug/kg	13	67	J	ug/kg	11	700	J	ug/kg	56	580	J	ug/kg	31
Carbon disulfide	13	U	ug/kg	13	2	J	ug/kg	11	56	U	ug/kg	56	31	U	ug/kg	31
1,1-Dichloroethene	13	U	ug/kg	13	11	U	ug/kg	11	56	U	ug/kg	56	31	U	ug/kg	31
1,1-Dichloroethane	13	U	ug/kg	13	11	U	ug/kg	11	56	U	ug/kg	56	31	U	ug/kg	31
1,2-Dichloroethene (total)	13	U	ug/kg	13	11	U	ug/kg	11	56	U	ug/kg	56	31	U	ug/kg	31
Chloroform	13	U	ug/kg	13	11	U	ug/kg	11	56	U	ug/kg	56	31	U	ug/kg	31
1,2-Dichloroethane	13	U	ug/kg	13	11	U	ug/kg	11	56	U	ug/kg	56	31	U	ug/kg	31
2-Butanone	13	U	ug/kg	13	11	U	ug/kg	11	270		ug/kg	56	270		ug/kg	31
1,1,1-Trichloroethane	13	U	ug/kg	13	11	U	ug/kg	11	56	U	ug/kg	56	31	U	ug/kg	31
Carbon tetrachloride	13	U	ug/kg	13	11	U	ug/kg	11	56	U	ug/kg	56	31	U	ug/kg	31
Bromodichloromethane	13	U	ug/kg	13	11	U	ug/kg	11	56	U	ug/kg	56	31	U	ug/kg	31
1,2-Dichloropropane	13	U	ug/kg	13	11	U	ug/kg	11	56	U	ug/kg	56	31	U	ug/kg	31
cis-1,3-Dichloropropene	13	U	ug/kg	13	11	U	ug/kg	11	56	U	ug/kg	56	31	U	ug/kg	31
Trichloroethene	13	U	ug/kg	13	11	U	ug/kg	11	56	U	ug/kg	56	31	U	ug/kg	31
Dibromochloromethane	13	U	ug/kg	13	11	U	ug/kg	11	56	U	ug/kg	56	31	U	ug/kg	31
1,1,2-Trichloroethane	13	U	ug/kg	13	11	U	ug/kg	11	56	U	ug/kg	56	31	U	ug/kg	31
Benzene	13	U	ug/kg	13	11	U	ug/kg	11	56	U	ug/kg	56	31	U	ug/kg	31
trans-1,3-Dichloropropene	13	U	ug/kg	13	11	U	ug/kg	11	56	U	ug/kg	56	31	U	ug/kg	31
Bromoform	13	U	ug/kg	13	11	U	ug/kg	11	56	U	ug/kg	56	31	U	ug/kg	31
4-Methyl-2-pentanone	13	U	ug/kg	13	11	U	ug/kg	11	27	J	ug/kg	56	34		ug/kg	31
2-Hexanone	13	U	ug/kg	13	3	J	ug/kg	11	56	U	ug/kg	56	19	J	ug/kg	31
Tetrachloroethene	13	U	ug/kg	13	11	U	ug/kg	11	56	U	ug/kg	56	31	U	ug/kg	31
Toluene	13	U	ug/kg	13	11	U	ug/kg	11	56	U	ug/kg	56	10	J	ug/kg	31
1,1,2,2-Tetrachloroethane	13	U	ug/kg	13	11	U	ug/kg	11	56	U	ug/kg	56	31	U	ug/kg	31
Chlorobenzene	13	U	ug/kg	13	11	U	ug/kg	11	56	U	ug/kg	56	31	U	ug/kg	31
Ethylbenzene	13	U	ug/kg	13	11	U	ug/kg	11	56	U	ug/kg	56	31	U	ug/kg	31
Styrene	13	U	ug/kg	13	11	U	ug/kg	11	56	U	ug/kg	56	31	U	ug/kg	31
Xylenes (total)	2	J	ug/kg	13	2	J	ug/kg	11	56	U	ug/kg	56	12	J	ug/kg	31

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WHITING FIELD ANAL..ICAL RESULT REPORT
SEMIVOLATILES ----- VALIDATED RESULTS

	22927002 WHITING 13SS0201 06-OCT-92				22927003 WHITING 13SS0302 06-OCT-92				22927005 WHITING 13SS0503 06-OCT-92				22927006 WHITING 13SS0503A 06-OCT-92			
Lab Sample Number: / Site / Locator / Collect Date:	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL
CLP SEMIVOLATILES 90-SOW																
Phenol	430	U	ug/kg	430	380	U	ug/kg	380	130	J	ug/kg	370	130	J	ug/kg	410
bis(2-Chloroethyl) ether	430	U	ug/kg	430	380	U	ug/kg	380	370	U	ug/kg	370	410	U	ug/kg	410
2-Chlorophenol	430	U	ug/kg	430	380	U	ug/kg	380	370	U	ug/kg	370	410	U	ug/kg	410
1,3-Dichlorobenzene	430	U	ug/kg	430	380	U	ug/kg	380	370	U	ug/kg	370	410	U	ug/kg	410
1,4-Dichlorobenzene	430	U	ug/kg	430	380	U	ug/kg	380	370	U	ug/kg	370	410	U	ug/kg	410
1,2-Dichlorobenzene	430	U	ug/kg	430	380	U	ug/kg	380	370	U	ug/kg	370	410	U	ug/kg	410
2-Methylphenol	430	U	ug/kg	430	380	U	ug/kg	380	370	U	ug/kg	370	410	U	ug/kg	410
2,2-oxybis(1-Chloropropane)	430	U	ug/kg	430	380	U	ug/kg	380	370	U	ug/kg	370	410	U	ug/kg	410
4-Methylphenol	430	U	ug/kg	430	68	J	ug/kg	380	1200		ug/kg	370	990		ug/kg	410
N-Nitroso-di-n-propylamine	430	U	ug/kg	430	380	U	ug/kg	380	370	U	ug/kg	370	410	U	ug/kg	410
Hexachloroethane	430	U	ug/kg	430	380	U	ug/kg	380	370	U	ug/kg	370	410	U	ug/kg	410
Nitrobenzene	430	UJ	ug/kg	430	380	UJ	ug/kg	380	370	UJ	ug/kg	370	410	UJ	ug/kg	410
Isophorone	430	UJ	ug/kg	430	380	UJ	ug/kg	380	370	UJ	ug/kg	370	410	UJ	ug/kg	410
2-Nitrophenol	430	U	ug/kg	430	380	U	ug/kg	380	370	U	ug/kg	370	410	U	ug/kg	410
2,4-Dimethylphenol	430	U	ug/kg	430	380	U	ug/kg	380	370	U	ug/kg	370	410	U	ug/kg	410
bis(2-Chloroethoxy) methane	430	U	ug/kg	430	380	U	ug/kg	380	370	U	ug/kg	370	410	U	ug/kg	410
2,4-Dichlorophenol	430	U	ug/kg	430	380	U	ug/kg	380	370	U	ug/kg	370	410	U	ug/kg	410
1,2,4-Trichlorobenzene	430	U	ug/kg	430	380	U	ug/kg	380	370	U	ug/kg	370	410	U	ug/kg	410
Naphthalene	430	U	ug/kg	430	380	U	ug/kg	380	510		ug/kg	370	140	J	ug/kg	410
4-Chloroaniline	430	U	ug/kg	430	380	U	ug/kg	380	370	U	ug/kg	370	410	U	ug/kg	410
Hexachlorobutadiene	430	U	ug/kg	430	380	U	ug/kg	380	370	U	ug/kg	370	410	U	ug/kg	410
4-Chloro-3-methylphenol	430	U	ug/kg	430	380	U	ug/kg	380	370	U	ug/kg	370	410	U	ug/kg	410
2-Methylnaphthalene	430	U	ug/kg	430	380	U	ug/kg	380	370	U	ug/kg	370	410	U	ug/kg	410
Hexachlorocyclopentadiene	430	U	ug/kg	430	380	U	ug/kg	380	370	U	ug/kg	370	410	U	ug/kg	410
2,4,6-Trichlorophenol	430	U	ug/kg	430	380	U	ug/kg	380	370	U	ug/kg	370	410	U	ug/kg	410
2,4,5-Trichlorophenol	1000	U	ug/kg	1000	920	U	ug/kg	920	900	U	ug/kg	900	1000	U	ug/kg	1000
2-Chloronaphthalene	430	U	ug/kg	430	380	U	ug/kg	380	370	U	ug/kg	370	410	U	ug/kg	410
2-Nitroaniline	1000	U	ug/kg	1000	920	U	ug/kg	920	900	U	ug/kg	900	1000	U	ug/kg	1000
Dimethylphthalate	430	U	ug/kg	430	380	U	ug/kg	380	370	U	ug/kg	370	410	U	ug/kg	410
Acenaphthylene	430	U	ug/kg	430	380	U	ug/kg	380	370	U	ug/kg	370	410	U	ug/kg	410
2,6-Dinitrotoluene	430	UJ	ug/kg	430	380	UJ	ug/kg	380	370	UJ	ug/kg	370	410	UJ	ug/kg	410
3-Nitroaniline	1000	U	ug/kg	1000	920	U	ug/kg	920	900	U	ug/kg	900	1000	U	ug/kg	1000
Acenaphthene	430	U	ug/kg	430	380	U	ug/kg	380	370	U	ug/kg	370	410	U	ug/kg	410
2,4-Dinitrophenol	1000	UJ	ug/kg	1000	920	UJ	ug/kg	920	900	UJ	ug/kg	900	1000	UJ	ug/kg	1000
4-Nitrophenol	1000	U	ug/kg	1000	920	U	ug/kg	920	900	U	ug/kg	900	1000	U	ug/kg	1000
Dibenzofuran	430	U	ug/kg	430	380	U	ug/kg	380	370	U	ug/kg	370	410	U	ug/kg	410
2,4-Dinitrotoluene	430	UJ	ug/kg	430	380	UJ	ug/kg	380	370	UJ	ug/kg	370	410	UJ	ug/kg	410
Diethylphthalate	430	U	ug/kg	430	380	U	ug/kg	380	140	J	ug/kg	370	99	J	ug/kg	410
4-Chlorophenyl-phenylether	430	U	ug/kg	430	380	U	ug/kg	380	370	U	ug/kg	370	410	U	ug/kg	410
Fluorene	430	U	ug/kg	430	380	U	ug/kg	380	370	U	ug/kg	370	410	U	ug/kg	410
4-Nitroaniline	1000	U	ug/kg	1000	920	U	ug/kg	920	900	U	ug/kg	900	1000	U	ug/kg	1000
4,6-Dinitro-2-methylphenol	1000	U	ug/kg	1000	920	U	ug/kg	920	900	U	ug/kg	900	1000	U	ug/kg	1000
N-Nitrosodiphenylamine (1)	430	U	ug/kg	430	380	U	ug/kg	380	370	U	ug/kg	370	410	U	ug/kg	410
4-Bromophenyl-phenylether	430	U	ug/kg	430	380	U	ug/kg	380	370	U	ug/kg	370	410	U	ug/kg	410
Hexachlorobenzene	430	U	ug/kg	430	380	U	ug/kg	380	370	U	ug/kg	370	410	U	ug/kg	410
Pentachlorophenol	1000	U	ug/kg	1000	920	U	ug/kg	920	900	U	ug/kg	900	1000	U	ug/kg	1000
Phenanthrene	430	U	ug/kg	430	380	U	ug/kg	380	370	U	ug/kg	370	410	U	ug/kg	410
Anthracene	430	U	ug/kg	430	380	U	ug/kg	380	370	U	ug/kg	370	410	U	ug/kg	410
Carbazole	430	U	ug/kg	430	380	U	ug/kg	380	370	U	ug/kg	370	410	U	ug/kg	410
Di-n-butylphthalate	430	UJ	ug/kg	430	380	U	ug/kg	380	370	UJ	ug/kg	370	410	UJ	ug/kg	410
Fluoranthene	430	U	ug/kg	430	380	U	ug/kg	380	370	U	ug/kg	370	410	U	ug/kg	410
Pyrene	430	U	ug/kg	430	380	U	ug/kg	380	370	U	ug/kg	370	410	U	ug/kg	410
Butylbenzylph)e	430	U	ug/kg	430	380	U	)g	380	370	U	ug/kg	370	410	U	ug/kg	410

WHITING FIELD ANA[illegible]CAL RESULT REPORT
SEMIVOLATILES ----- VALIDATED RESULTS

Lab Sample Number:	22927002				22927003				22927005				22927006			
Site	WHITING				WHITING				WHITING				WHITING			
Locator	13SS0201				13SS0302				13SS0503				13SS0503A			
Collect Date:	06-OCT-92				06-OCT-92				06-OCT-92				06-OCT-92			
	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL
3,3-Dichlorobenzidine	430	U	ug/kg	430	380	U	ug/kg	380	370	U	ug/kg	370	410	U	ug/kg	410
Benzo (a) anthracene	430	U	ug/kg	430	380	U	ug/kg	380	370	U	ug/kg	370	410	U	ug/kg	410
Chrysene	430	U	ug/kg	430	380	U	ug/kg	380	370	U	ug/kg	370	410	U	ug/kg	410
bis(2-Ethylhexyl) phthalate	430	UJ	ug/kg	430	430	UJ	ug/kg	380	410	J	ug/kg	370	410	UJ	ug/kg	410
Di-n-octylphthalate	430	U	ug/kg	430	380	U	ug/kg	380	370	U	ug/kg	370	410	U	ug/kg	410
Benzo (b) fluoranthene	430	U	ug/kg	430	380	U	ug/kg	380	370	U	ug/kg	370	410	U	ug/kg	410
Benzo (k) fluoranthene	430	UJ	ug/kg	430	380	UJ	ug/kg	380	370	UJ	ug/kg	370	410	UJ	ug/kg	410
Benzo (a) pyrene	430	U	ug/kg	430	380	U	ug/kg	380	370	U	ug/kg	370	410	U	ug/kg	410
Indeno (1,2,3-cd) pyrene	430	U	ug/kg	430	380	U	ug/kg	380	370	U	ug/kg	370	410	U	ug/kg	410
Dibenz (a,h) anthracene	430	U	ug/kg	430	380	U	ug/kg	380	370	U	ug/kg	370	410	U	ug/kg	410
Benzo (g,h,i) perylene	430	U	ug/kg	430	380	U	ug/kg	380	370	U	ug/kg	370	410	U	ug/kg	410

U = NOT DETECTED J = ESTIMATED VALUE
UJ= REPORTED QUANTITATION LIMIT IS QUALIFIED AS ESTIMATED
R = RESULT IS REJECTED AND UNUSABLE

WHITING FIELD ANAL...CAL RESULT REPORT
PESTICIDES AND PCBs ----- VALIDATED RESULTS

Lab Sample Number:	22927002				22927003				22927005				22927006			
Site	WHITING				WHITING				WHITING				WHITING			
Locator	13SS0201				13SS0302				13SS0503				13SS0503A			
Collect Date:	06-OCT-92				06-OCT-92				06-OCT-92				06-OCT-92			
	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL
CLP PESTICIDES/PCBS 90-SOW																
alpha-BHC	2.2	U	ug/kg	2.2	2	U	ug/kg	2	1.9	U	ug/kg	1.9	2.1	U	ug/kg	2.1
beta-BHC	2.2	U	ug/kg	2.2	2	U	ug/kg	2	1.9	U	ug/kg	1.9	2.1	U	ug/kg	2.1
delta-BHC	2.2	U	ug/kg	2.2	2	U	ug/kg	2	1.9	U	ug/kg	1.9	2.1	U	ug/kg	2.1
gamma-BHC (Lindane)	2.2	U	ug/kg	2.2	2	U	ug/kg	2	1.9	U	ug/kg	1.9	2.1	U	ug/kg	2.1
Heptachlor	2.2	U	ug/kg	2.2	2	U	ug/kg	2	1.9	U	ug/kg	1.9	2.1	U	ug/kg	2.1
Aldrin	2.2	U	ug/kg	2.2	2	U	ug/kg	2	1.9	U	ug/kg	1.9	2.1	U	ug/kg	2.1
Heptachlor epoxide	2.2	U	ug/kg	2.2	2	U	ug/kg	2	1.9	U	ug/kg	1.9	2.1	U	ug/kg	2.1
Endosulfan I	2.2	U	ug/kg	2.2	2	U	ug/kg	2	1.9	U	ug/kg	1.9	2.1	U	ug/kg	2.1
Dieldrin	4.3	U	ug/kg	4.3	3.8	U	ug/kg	3.8	3.7	U	ug/kg	3.7	4.1	U	ug/kg	4.1
4,4-DDE	4.3	U	ug/kg	4.3	3.8	U	ug/kg	3.8	3.7	U	ug/kg	3.7	4.1	U	ug/kg	4.1
Endrin	4.3	U	ug/kg	4.3	3.8	U	ug/kg	3.8	3.7	U	ug/kg	3.7	4.1	U	ug/kg	4.1
Endosulfan II	4.3	U	ug/kg	4.3	3.8	U	ug/kg	3.8	3.7	U	ug/kg	3.7	4.1	U	ug/kg	4.1
4,4-DDD	4.3	U	ug/kg	4.3	3.8	U	ug/kg	3.8	3.7	U	ug/kg	3.7	4.1	U	ug/kg	4.1
Endosulfan sulfate	4.3	U	ug/kg	4.3	3.8	U	ug/kg	3.8	3.7	U	ug/kg	3.7	4.1	U	ug/kg	4.1
4,4-DDT	4.3	U	ug/kg	4.3	3.8	U	ug/kg	3.8	3.7	U	ug/kg	3.7	4.1	U	ug/kg	4.1
Methoxychlor	22	U	ug/kg	22	20	U	ug/kg	20	19	U	ug/kg	19	21	U	ug/kg	21
Endrin ketone	4.3	U	ug/kg	4.3	3.8	U	ug/kg	3.8	3.7	U	ug/kg	3.7	4.1	U	ug/kg	4.1
Endrin aldehyde	4.3	U	ug/kg	4.3	3.8	U	ug/kg	3.8	3.7	U	ug/kg	3.7	4.1	U	ug/kg	4.1
alpha-Chlordane	2.2	U	ug/kg	2.2	2	U	ug/kg	2	1.9	U	ug/kg	1.9	2.1	U	ug/kg	2.1
gamma-Chlordane	2.2	U	ug/kg	2.2	2	U	ug/kg	2	1.9	U	ug/kg	1.9	2.1	U	ug/kg	2.1
Toxaphene	220	U	ug/kg	220	200	U	ug/kg	200	190	U	ug/kg	190	210	U	ug/kg	210
Aroclor-1016	43	U	ug/kg	43	38	U	ug/kg	38	37	U	ug/kg	37	41	U	ug/kg	41
Aroclor-1221	87	U	ug/kg	87	77	U	ug/kg	77	75	U	ug/kg	75	84	U	ug/kg	84
Aroclor-1232	43	U	ug/kg	43	38	U	ug/kg	38	37	U	ug/kg	37	41	U	ug/kg	41
Aroclor-1242	43	U	ug/kg	43	38	U	ug/kg	38	37	U	ug/kg	37	41	U	ug/kg	41
Aroclor-1248	43	U	ug/kg	43	38	U	ug/kg	38	37	U	ug/kg	37	41	U	ug/kg	41
Aroclor-1254	43	U	ug/kg	43	38	U	ug/kg	38	37	U	ug/kg	37	41	U	ug/kg	41
Aroclor-1260	43	U	ug/kg	43	38	U	ug/kg	38	37	U	ug/kg	37	41	U	ug/kg	41

U = ...T DETECTED J = ESTIMATED VALUE
U... ...ORTED QUANTITATION LIMIT IS QUALIFIED AS ESTIMATED
R ...SULT IS REJECTED AND UNUSABLE

WHITING FIELD ANAL .AL RESULT REPORT
INORGANICS - METALS ----- VALIDATED RESULTS

Lab Sample Number:	22927002				22927003				22927005				22927006			
Site	WHITING				WHITING				WHITING				WHITING			
Locator	13SS0201				13SS0302				13SS0503				13SS0503A			
Collect Date:	06-OCT-92				06-OCT-92				06-OCT-92				06-OCT-92			
	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL
CLP METALS AND CYANIDE																
Aluminum	23900		mg/kg	40	10700		mg/kg	40	14800		mg/kg	40	11500		mg/kg	40
Antimony	2.9	U	mg/kg	12	2.8	U	mg/kg	12	3.7	J	mg/kg	12	2.9	U	mg/kg	12
Arsenic	6.5		mg/kg	2	4.7		mg/kg	2	4.1		mg/kg	2	3.4		mg/kg	2
Barium	7.5	J	mg/kg	40	6.3	J	mg/kg	40	7.1	J	mg/kg	40	7	J	mg/kg	40
Beryllium	.2	J	mg/kg	1	.16	J	mg/kg	1	.17	J	mg/kg	1	.16	J	mg/kg	1
Cadmium	.69	U	mg/kg	1	.67	U	mg/kg	1	.63	U	mg/kg	1	.64	U	mg/kg	1
Calcium	130	J	mg/kg	1000	151	J	mg/kg	1000	192	J	mg/kg	1000	194	J	mg/kg	1000
Chromium	21		mg/kg	2	15.9		mg/kg	2	17.3		mg/kg	2	16.2		mg/kg	2
Cobalt	1.4	J	mg/kg	10	.75	J	mg/kg	10	1.3	J	mg/kg	10	.63	J	mg/kg	10
Copper	5.8	J	mg/kg	5	3.9	J	mg/kg	5	5	J	mg/kg	5	5.3	J	mg/kg	5
Iron	16200		mg/kg	20	13500		mg/kg	20	15600		mg/kg	20	12200		mg/kg	20
Lead	6		mg/kg	1	5.8		mg/kg	1	4.7		mg/kg	1	5.5		mg/kg	1
Magnesium	97.7	J	mg/kg	1000	73.2	J	mg/kg	1000	74.8	J	mg/kg	1000	72.9	J	mg/kg	1000
Manganese	41.6		mg/kg	3	21.7		mg/kg	3	22.5		mg/kg	3	15.1		mg/kg	3
Mercury	.2	J	mg/kg	.1	.16	J	mg/kg	.1	4.2		mg/kg	.1	.08	J	mg/kg	.1
Nickel	2.1	J	mg/kg	8	1.2	U	mg/kg	8	2.5	U	mg/kg	8	2.5	U	mg/kg	8
Potassium	158	U	mg/kg	1000	154	U	mg/kg	1000	180	J	mg/kg	1000	140	U	mg/kg	1000
Selenium	.49	U	mg/kg	1	.48	U	mg/kg	1	.48	U	mg/kg	1	.49	U	mg/kg	1
Silver	.53	J	mg/kg	2	.5	J	mg/kg	2	.62	J	mg/kg	2	.52	J	mg/kg	2
Sodium	206	J	mg/kg	1000	211	J	mg/kg	1000	206	J	mg/kg	1000	195	J	mg/kg	1000
Thallium	.37	U	mg/kg	2	.36	U	mg/kg	2	.37	U	mg/kg	2	.37	U	mg/kg	2
Vanadium	44.6		mg/kg	10	38.2		mg/kg	10	40.1		mg/kg	10	34.9		mg/kg	10
Zinc	10.2		mg/kg	4	6		mg/kg	4	7.3		mg/kg	4	6.8		mg/kg	4
Cyanide	.1	U	mg/kg	1	.1	U	mg/kg	1	.1	U	mg/kg	1	.12	J	mg/kg	1

U = NOT DETECTED J = ESTIMATED VALUE
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SITE 14

WHITING FIELD ANAL .CAL RESULT REPORT
VOLATILES ----- VALIDATED RESULTS

Lab Sample Number:	22935003				22935004				22935M04				22935D04					
Site	WHITING				WHITING				WHITING				WHITING					
Locator	14SS0101				14SS0202				14SS0202MS				14SS0202MSD					
Collect Date:	08-OCT-92				08-OCT-92				08-OCT-92				08-OCT-92					
	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL		
CLP VOLATILES 90-SOW																		
Chloromethane	12	U	ug/kg	12	57	U	ug/kg	57	1400	U	ug/kg	1400	1400	U	ug/kg	1400		
Bromomethane	12	U	ug/kg	12	57	U	ug/kg	57	1400	U	ug/kg	1400	1400	U	ug/kg	1400		
Vinyl chloride	12	U	ug/kg	12	57	U	ug/kg	57	1400	U	ug/kg	1400	1400	U	ug/kg	1400		
Chloroethane	12	U	ug/kg	12	57	U	ug/kg	57	1400	U	ug/kg	1400	1400	U	ug/kg	1400		
Methylene chloride	12	UJ	ug/kg	12	57	UJ	ug/kg	57	150	J	ug/kg	1400	180	J	ug/kg	1400		
Acetone	72	UJ	ug/kg	12	170	J	ug/kg	57	1400	U	ug/kg	1400	1400	U	ug/kg	1400		
Carbon disulfide	12	U	ug/kg	12	57	U	ug/kg	57	1400	U	ug/kg	1400	1400	U	ug/kg	1400		
1,1-Dichloroethene	12	U	ug/kg	12	57	U	ug/kg	57	1400	U	ug/kg	1400	1400	U	ug/kg	1400		
1,1-Dichloroethane	12	UJ	ug/kg	12	57	UJ	ug/kg	57	1400	U	ug/kg	1400	1400	U	ug/kg	1400		
1,2-Dichloroethene (total)	12	U	ug/kg	12	57	U	ug/kg	57	1400	U	ug/kg	1400	1400	U	ug/kg	1400		
Chloroform	12	U	ug/kg	12	57	U	ug/kg	57	1400	U	ug/kg	1400	1400	U	ug/kg	1400		
1,2-Dichloroethane	12	U	ug/kg	12	57	U	ug/kg	57	1400	U	ug/kg	1400	1400	U	ug/kg	1400		
2-Butanone	12	UJ	ug/kg	12	57	UJ	ug/kg	57	1400	U	ug/kg	1400	4300	J	ug/kg	1400		
1,1,1-Trichloroethane	12	U	ug/kg	12	57	U	ug/kg	57	1400	U	ug/kg	1400	1400	U	ug/kg	1400		
Carbon tetrachloride	12	U	ug/kg	12	57	U	ug/kg	57	1400	U	ug/kg	1400	1400	U	ug/kg	1400		
Bromodichloromethane	12	U	ug/kg	12	57	U	ug/kg	57	1400	U	ug/kg	1400	1400	U	ug/kg	1400		
1,2-Dichloropropane	12	U	ug/kg	12	57	U	ug/kg	57	1400	U	ug/kg	1400	1400	U	ug/kg	1400		
cis-1,3-Dichloropropene	12	U	ug/kg	12	57	U	ug/kg	57	1400	U	ug/kg	1400	1400	U	ug/kg	1400		
Trichloroethene	12	U	ug/kg	12	57	U	ug/kg	57	1400	U	ug/kg	1400	1400	U	ug/kg	1400		
Dibromochloromethane	12	U	ug/kg	12	57	U	ug/kg	57	1400	U	ug/kg	1400	1400	U	ug/kg	1400		
1,1,2-Trichloroethane	12	U	ug/kg	12	57	U	ug/kg	57	1400	U	ug/kg	1400	1400	U	ug/kg	1400		
Benzene	12	U	ug/kg	12	57	U	ug/kg	57	1400	U	ug/kg	1400	1400	U	ug/kg	1400		
trans-1,3-Dichloropropene	12	U	ug/kg	12	57	U	ug/kg	57	1400	U	ug/kg	1400	1400	U	ug/kg	1400		
Bromoform	12	U	ug/kg	12	57	U	ug/kg	57	1400	U	ug/kg	1400	1400	U	ug/kg	1400		
4-Methyl-2-pentanone	12	UJ	ug/kg	12	57	UJ	ug/kg	57	1400	U	ug/kg	1400	1400	U	ug/kg	1400		
2-Hexanone	12	UJ	ug/kg	12	57	UJ	ug/kg	57	1400	U	ug/kg	1400	1400	U	ug/kg	1400		
Tetrachloroethene	12	U	ug/kg	12	57	U	ug/kg	57	1400	U	ug/kg	1400	1400	U	ug/kg	1400		
Toluene	12	U	ug/kg	12	23	J	ug/kg	57	1400	U	ug/kg	1400	1400	U	ug/kg	1400		
1,1,2,2-Tetrachloroethane	12	U	ug/kg	12	57	U	ug/kg	57	1400	U	ug/kg	1400	1400	U	ug/kg	1400		
Chlorobenzene	12	U	ug/kg	12	57	U	ug/kg	57	1400	U	ug/kg	1400	1400	U	ug/kg	1400		
Ethylbenzene	12	U	ug/kg	12	500		ug/kg	57	1400	U	ug/kg	1400	1400	U	ug/kg	1400		
Styrene	12	U	ug/kg	12	57	U	ug/kg	57	1400	U	ug/kg	1400	1400	U	ug/kg	1400		
Xylenes (total)	12	U	ug/kg	12	2100	R	ug/kg	57	270	J	ug/kg	1400	250	J	ug/kg	1400		

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WHITING FIELD ANAL. .CAL RESULT REPORT
VOLATILES ----- VALIDATED RESULTS

Lab Sample Number: 22935004DL
Site WHITING
Locator 14SS0202_DL
Collect Date: 08-OCT-92

	VALUE	QUAL	UNITS	DL
CLP VOLATILES 90-SOW				
Chloromethane	1400	U	ug/kg	1400
Bromomethane	1400	U	ug/kg	1400
Vinyl chloride	1400	U	ug/kg	1400
Chloroethane	1400	U	ug/kg	1400
Methylene chloride	1400	UJ	ug/kg	1400
Acetone	1400	UJ	ug/kg	1400
Carbon disulfide	1400	U	ug/kg	1400
1,1-Dichloroethene	1400	U	ug/kg	1400
1,1-Dichloroethane	1400	U	ug/kg	1400
1,2-Dichloroethene (total)	1400	U	ug/kg	1400
Chloroform	1400	U	ug/kg	1400
1,2-Dichloroethane	1400	U	ug/kg	1400
2-Butanone	4700	UJ	ug/kg	1400
1,1,1-Trichloroethane	1400	U	ug/kg	1400
Carbon tetrachloride	1400	U	ug/kg	1400
Bromodichloromethane	1400	U	ug/kg	1400
1,2-Dichloropropane	1400	U	ug/kg	1400
cis-1,3-Dichloropropene	1400	U	ug/kg	1400
Trichloroethene	1400	U	ug/kg	1400
Dibromochloromethane	1400	U	ug/kg	1400
1,1,2-Trichloroethane	1400	U	ug/kg	1400
Benzene	1400	U	ug/kg	1400
trans-1,3-Dichloropropene	1400	U	ug/kg	1400
Bromoform	1400	U	ug/kg	1400
4-Methyl-2-pentanone	1400	U	ug/kg	1400
2-Hexanone	1400	U	ug/kg	1400
Tetrachloroethene	1400	U	ug/kg	1400
Toluene	1400	U	ug/kg	1400
1,1,2,2-Tetrachloroethane	1400	UJ	ug/kg	1400
Chlorobenzene	1400	U	ug/kg	1400
Ethylbenzene	1400	U	ug/kg	1400
Styrene	1400	U	ug/kg	1400
Xylenes (total)	260	J	ug/kg	1400

U = ^T DETECTED J = ESTIMATED VALUE
' ORTED QUANTITATION LIMIT IS QUALIFIED AS ESTIMATED
ULT IS REJECTED AND UNUSABLE

WHITING FIELD ANAL. .CAL RESULT REPORT
SEMIVOLATILES ----- VALIDATED RESULTS

Lab Sample Number:	22935003				22935004			
Site	WHITING				WHITING			
Locator	14SS0101				14SS0202			
Collect Date:	08-OCT-92				08-OCT-92			
	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL
CLP SEMIVOLATILES 90-SOW								
Phenol	410	U	ug/kg	410	370	U	ug/kg	370
bis(2-Chloroethyl) ether	410	U	ug/kg	410	370	U	ug/kg	370
2-Chlorophenol	410	U	ug/kg	410	370	U	ug/kg	370
1,3-Dichlorobenzene	410	U	ug/kg	410	370	U	ug/kg	370
1,4-Dichlorobenzene	410	U	ug/kg	410	370	U	ug/kg	370
1,2-Dichlorobenzene	410	U	ug/kg	410	370	U	ug/kg	370
2-Methylphenol	410	U	ug/kg	410	370	U	ug/kg	370
2,2-oxybis(1-Chloropropane)	410	U	ug/kg	410	370	U	ug/kg	370
4-Methylphenol	410	U	ug/kg	410	60	J	ug/kg	380
N-Nitroso-di-n-propylamine	410	U	ug/kg	410	370	U	ug/kg	370
Hexachloroethane	410	U	ug/kg	410	370	U	ug/kg	370
Nitrobenzene	410	U	ug/kg	410	370	U	ug/kg	370
Isophorone	410	U	ug/kg	410	370	U	ug/kg	370
2-Nitrophenol	410	U	ug/kg	410	370	U	ug/kg	370
2,4-Dimethylphenol	410	U	ug/kg	410	370	U	ug/kg	370
bis(2-Chloroethoxy) methane	410	U	ug/kg	410	370	U	ug/kg	370
2,4-Dichlorophenol	410	U	ug/kg	410	370	U	ug/kg	370
1,2,4-Trichlorobenzene	410	UJ	ug/kg	410	370	UJ	ug/kg	370
Naphthalene	410	U	ug/kg	410	1500		ug/kg	380
4-Chloroaniline	410	U	ug/kg	410	370	U	ug/kg	370
Hexachlorobutadiene	410	UJ	ug/kg	410	370	UJ	ug/kg	370
4-Chloro-3-methylphenol	410	U	ug/kg	410	370	U	ug/kg	370
2-Methylnaphthalene	410	U	ug/kg	410	370	U	ug/kg	370
Hexachlorocyclopentadiene	410	U	ug/kg	410	370	U	ug/kg	370
2,4,6-Trichlorophenol	410	U	ug/kg	410	370	U	ug/kg	370
2,4,5-Trichlorophenol	1000	U	ug/kg	1000	910	U	ug/kg	910
2-Chloronaphthalene	410	U	ug/kg	410	370	U	ug/kg	370
2-Nitroaniline	1000	U	ug/kg	1000	910	U	ug/kg	910
Dimethylphthalate	410	U	ug/kg	410	370	U	ug/kg	370
Acenaphthylene	410	U	ug/kg	410	370	U	ug/kg	370
2,6-Dinitrotoluene	410	U	ug/kg	410	370	U	ug/kg	370
3-Nitroaniline	1000	U	ug/kg	1000	910	U	ug/kg	910
Acenaphthene	410	U	ug/kg	410	370	U	ug/kg	370
2,4-Dinitrophenol	1000	UJ	ug/kg	1000	910	UJ	ug/kg	910
4-Nitrophenol	1000	U	ug/kg	1000	910	U	ug/kg	910
Dibenzofuran	410	U	ug/kg	410	370	U	ug/kg	370
2,4-Dinitrotoluene	410	U	ug/kg	410	370	U	ug/kg	370
Diethylphthalate	410	U	ug/kg	410	370	U	ug/kg	370
4-Chlorophenyl-phenylether	410	U	ug/kg	410	370	U	ug/kg	370
Fluorene	410	U	ug/kg	410	370	U	ug/kg	370
4-Nitroaniline	1000	U	ug/kg	1000	910	U	ug/kg	910
4,6-Dinitro-2-methylphenol	1000	UJ	ug/kg	1000	910	UJ	ug/kg	910
N-Nitrosodiphenylamine (1)	410	U	ug/kg	410	370	U	ug/kg	370
4-Bromophenyl-phenylether	410	U	ug/kg	410	370	U	ug/kg	370
Hexachlorobenzene	410	U	ug/kg	410	370	U	ug/kg	370
Pentachlorophenol	1000	U	ug/kg	1000	910	U	ug/kg	910
Phenanthrene	410	U	ug/kg	410	370	U	ug/kg	370
Anthracene	410	U	ug/kg	410	370	U	ug/kg	370
Carbazole	410	UJ	ug/kg	410	370	UJ	ug/kg	370
Di-n-butylphthalate	410	UJ	ug/kg	410	370	U	ug/kg	370
Fluoranthene	410	U	ug/kg	410	370	U	ug/kg	370
Pyrene	410	U	ug/kg	410	370	U	ug/kg	370
Butylbenzylphthalate	410	U	ug/kg	410	370	U	ug/kg	370

WHITING FIELD ANAL..ICAL RESULT REPORT
SEMIVOLATILES ----- VALIDATED RESULTS

Lab Sample Number:	22935003				22935004			
Site	WHITING				WHITING			
Locator	14SS0101				14SS0202			
Collect Date:	08-OCT-92				08-OCT-92			
	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL
3,3-Dichlorobenzidine	410	UJ	ug/kg	410	370	UJ	ug/kg	370
Benzo (a) anthracene	410	U	ug/kg	410	370	U	ug/kg	370
Chrysene	410	U	ug/kg	410	370	U	ug/kg	370
bis(2-Ethylhexyl) phthalate	410	U	ug/kg	410	290	J	ug/kg	380
Di-n-octylphthalate	410	U	ug/kg	410	370	U	ug/kg	370
Benzo (b) fluoranthene	410	UJ	ug/kg	410	370	UJ	ug/kg	370
Benzo (k) fluoranthene	410	U	ug/kg	410	370	U	ug/kg	370
Benzo (a) pyrene	410	U	ug/kg	410	370	U	ug/kg	370
Indeno (1,2,3-cd) pyrene	410	U	ug/kg	410	370	U	ug/kg	370
Dibenz (a,h) anthracene	410	U	ug/kg	410	370	U	ug/kg	370
Benzo (g,h,i) perylene	410	U	ug/kg	410	370	U	ug/kg	370

U = NOT DETECTED J = ESTIMATED VALUE
U PORTED QUANTITATION LIMIT IS QUALIFIED AS ESTIMATED
SULT IS REJECTED AND UNUSABLE

WHITING FIELD ANAL .CAL RESULT REPORT
PESTICIDES AND PCBs ----- VALIDATED RESULTS

Lab Sample Number:	22935003				22935004			
Site	WHITING				WHITING			
Locator	14SS0101				14SS0202			
Collect Date:	08-OCT-92				08-OCT-92			
	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL
CLP PESTICIDES/PCBS 90-SOW								
alpha-BHC	2.1	U	ug/kg	2.1	1.9	U	ug/kg	1.9
beta-BHC	2.1	U	ug/kg	2.1	1.9	U	ug/kg	1.9
delta-BHC	2.1	U	ug/kg	2.1	1.9	U	ug/kg	1.9
gamma-BHC (Lindane)	2.1	U	ug/kg	2.1	1.9	U	ug/kg	1.9
Heptachlor	2.1	U	ug/kg	2.1	1.9	U	ug/kg	1.9
Aldrin	2.1	U	ug/kg	2.1	1.9	U	ug/kg	1.9
Heptachlor epoxide	2.1	U	ug/kg	2.1	1.9	U	ug/kg	1.9
Endosulfan I	2.1	U	ug/kg	2.1	1.9	U	ug/kg	1.9
Dieldrin	4.1	U	ug/kg	4.1	3.7	U	ug/kg	3.7
4,4-DDE	4.1	U	ug/kg	4.1	3.7	U	ug/kg	3.7
Endrin	4.1	U	ug/kg	4.1	3.7	U	ug/kg	3.7
Endosulfan II	4.1	U	ug/kg	4.1	3.7	U	ug/kg	3.7
4,4-DDD	4.1	U	ug/kg	4.1	3.7	U	ug/kg	3.7
Endosulfan sulfate	4.1	U	ug/kg	4.1	3.7	U	ug/kg	3.7
4,4-DDT	4.1	U	ug/kg	4.1	3.7	U	ug/kg	3.7
Methoxychlor	21	U	ug/kg	21	19	U	ug/kg	19
Endrin ketone	4.1	U	ug/kg	4.1	3.7	U	ug/kg	3.7
Endrin aldehyde	4.1	U	ug/kg	4.1	3.7	U	ug/kg	3.7
alpha-Chlordane	2.1	U	ug/kg	2.1	1.9	U	ug/kg	1.9
gamma-Chlordane	2.1	U	ug/kg	2.1	1.9	U	ug/kg	1.9
Toxaphene	210	U	ug/kg	210	190	U	ug/kg	190
Aroclor-1016	41	U	ug/kg	41	37	U	ug/kg	37
Aroclor-1221	84	U	ug/kg	84	76	U	ug/kg	76
Aroclor-1232	41	U	ug/kg	41	37	U	ug/kg	37
Aroclor-1242	41	U	ug/kg	41	37	U	ug/kg	37
Aroclor-1248	41	U	ug/kg	41	37	U	ug/kg	37
Aroclor-1254	41	U	ug/kg	41	37	U	ug/kg	37
Aroclor-1260	41	U	ug/kg	41	37	U	ug/kg	37

U = NOT DETECTED J = ESTIMATED VALUE
UJ= REPORTED QUANTITATION LIMIT IS QUALIFIED AS ESTIMATED
R = RESULT IS REJECTED AND UNUSABLE

WHITING FIELD ANA[illegible]CAL RESULT REPORT
INORGANICS - METALS ----- VALIDATED RESULTS

	22935003				22935004			
Lab Sample Number:								
Site	WHITING				WHITING			
Locator	14SS0101				14SS0202			
Collect Date:	08-OCT-92				08-OCT-92			
	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL
CLP METALS AND CYANIDE								
Aluminum	14900		mg/kg	40	8830		mg/kg	40
Antimony	2.4	U	mg/kg	12	2.5	U	mg/kg	12
Arsenic	4.5		mg/kg	2	3.7		mg/kg	2
Barium	7.9	J	mg/kg	40	7.7	J	mg/kg	40
Beryllium	.21	J	mg/kg	1	.2	J	mg/kg	1
Cadmium	.68	U	mg/kg	1	1.7		mg/kg	1
Calcium	126	J	mg/kg	1000	256	J	mg/kg	1000
Chromium	18.6		mg/kg	2	18.4		mg/kg	2
Cobalt	1.8	J	mg/kg	10	1.4	J	mg/kg	10
Copper	7.5		mg/kg	5	4.6	J	mg/kg	5
Iron	18800		mg/kg	20	15300		mg/kg	20
Lead	7.3		mg/kg	1	5.6		mg/kg	1
Magnesium	104	J	mg/kg	1000	71.6	J	mg/kg	1000
Manganese	35		mg/kg	3	23.4		mg/kg	3
Mercury	.12	J	mg/kg	.1	.14	J	mg/kg	.1
Nickel	3.1	J	mg/kg	8	3.6	J	mg/kg	8
Potassium	153	U	mg/kg	1000	158	U	mg/kg	1000
Selenium	.47	U	mg/kg	1	.49	U	mg/kg	1
Silver	.45	U	mg/kg	2	.5	J	mg/kg	2
Sodium	169	J	mg/kg	1000	190	J	mg/kg	1000
Thallium	.36	U	mg/kg	2	.37	U	mg/kg	2
Vanadium	47.7		mg/kg	10	38.8		mg/kg	10
Zinc	9.8	J	mg/kg	4	15.4		mg/kg	4
Cyanide	.09	U	mg/kg	1	.1	U	mg/kg	1

U - NOT DETECTED J = ESTIMATED VALUE
[illegible]EPORTED QUANTITATION LIMIT IS QUALIFIED AS ESTIMATED
[illegible]ESULT IS REJECTED AND UNUSABLE

SITE 15

WHITING FIELD ANALYTICAL RESULT REPORT
VOLATILES ----- VALIDATED RESULTS

Lab Sample Number:	22883001				22889004				22889005				22891002					
Site	WHITING				WHITING				WHITING				WHITING					
Locator	15SS0201				15SS0502				15SS0603				15SS0804					
Collect Date:	02-OCT-92				03-OCT-92				03-OCT-92				04-OCT-92					
	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL		
CLP VOLATILES 90-SOW																		
Chloromethane	11	U	ug/kg	11	11	U	ug/kg	11	11	U	ug/kg	11	11	U	ug/kg	11		
Bromomethane	11	U	ug/kg	11	11	U	ug/kg	11	11	U	ug/kg	11	11	U	ug/kg	11		
Vinyl chloride	11	U	ug/kg	11	11	U	ug/kg	11	11	U	ug/kg	11	11	U	ug/kg	11		
Chloroethane	11	U	ug/kg	11	11	U	ug/kg	11	11	U	ug/kg	11	11	U	ug/kg	11		
Methylene chloride	12	UJ	ug/kg	11	11	UJ	ug/kg	11	11	UJ	ug/kg	11	11	UJ	ug/kg	11		
Acetone	87	UJ	ug/kg	11	47	UJ	ug/kg	11	11	U	ug/kg	11	63	UJ	ug/kg	11		
Carbon disulfide	11	U	ug/kg	11	11	U	ug/kg	11	11	U	ug/kg	11	11	U	ug/kg	11		
1,1-Dichloroethene	11	U	ug/kg	11	11	U	ug/kg	11	11	U	ug/kg	11	11	U	ug/kg	11		
1,1-Dichloroethane	11	U	ug/kg	11	11	U	ug/kg	11	11	U	ug/kg	11	11	U	ug/kg	11		
1,2-Dichloroethene (total)	11	U	ug/kg	11	11	U	ug/kg	11	11	U	ug/kg	11	11	U	ug/kg	11		
Chloroform	11	U	ug/kg	11	11	U	ug/kg	11	11	U	ug/kg	11	11	U	ug/kg	11		
1,2-Dichloroethane	11	U	ug/kg	11	11	U	ug/kg	11	11	U	ug/kg	11	11	U	ug/kg	11		
2-Butanone	11	U	ug/kg	11	11	U	ug/kg	11	11	U	ug/kg	11	11	U	ug/kg	11		
1,1,1-Trichloroethane	11	U	ug/kg	11	11	U	ug/kg	11	11	U	ug/kg	11	11	U	ug/kg	11		
Carbon tetrachloride	11	U	ug/kg	11	11	U	ug/kg	11	11	U	ug/kg	11	11	U	ug/kg	11		
Bromodichloromethane	11	U	ug/kg	11	11	U	ug/kg	11	11	U	ug/kg	11	11	U	ug/kg	11		
1,2-Dichloropropane	11	U	ug/kg	11	11	U	ug/kg	11	11	U	ug/kg	11	11	U	ug/kg	11		
cis-1,3-Dichloropropene	11	U	ug/kg	11	11	U	ug/kg	11	11	U	ug/kg	11	11	U	ug/kg	11		
Trichloroethene	11	U	ug/kg	11	11	U	ug/kg	11	11	U	ug/kg	11	11	U	ug/kg	11		
Dibromochloromethane	11	U	ug/kg	11	11	U	ug/kg	11	11	U	ug/kg	11	11	U	ug/kg	11		
1,1,2-Trichloroethane	11	U	ug/kg	11	11	U	ug/kg	11	11	U	ug/kg	11	11	U	ug/kg	11		
Benzene	11	U	ug/kg	11	11	U	ug/kg	11	11	U	ug/kg	11	11	U	ug/kg	11		
trans-1,3-Dichloropropene	11	U	ug/kg	11	11	U	ug/kg	11	11	U	ug/kg	11	11	U	ug/kg	11		
Bromoform	11	U	ug/kg	11	11	U	ug/kg	11	11	U	ug/kg	11	11	U	ug/kg	11		
4-Methyl-2-pentanone	11	U	ug/kg	11	11	U	ug/kg	11	11	U	ug/kg	11	11	U	ug/kg	11		
2-Hexanone	3	J	ug/kg	11	11	U	ug/kg	11	11	U	ug/kg	11	11	U	ug/kg	11		
Tetrachloroethene	11	U	ug/kg	11	11	U	ug/kg	11	11	U	ug/kg	11	11	U	ug/kg	11		
Toluene	11	U	ug/kg	11	11	U	ug/kg	11	11	U	ug/kg	11	11	U	ug/kg	11		
1,1,2,2-Tetrachloroethane	11	U	ug/kg	11	11	U	ug/kg	11	11	U	ug/kg	11	11	U	ug/kg	11		
Chlorobenzene	11	U	ug/kg	11	11	U	ug/kg	11	11	U	ug/kg	11	2	J	ug/kg	11		
Ethylbenzene	11	U	ug/kg	11	11	U	ug/kg	11	11	U	ug/kg	11	11	U	ug/kg	11		
Styrene	11	U	ug/kg	11	11	U	ug/kg	11	11	U	ug/kg	11	11	U	ug/kg	11		
Xylenes (total)	4	J	ug/kg	11	11	U	ug/kg	11	5	J	ug/kg	11	5	J	ug/kg	11		

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UJ= REPORTED QUANTITATION LIMIT IS QUALIFIED AS ESTIMATED
R = RESULT IS REJECTED AND UNUSABLE

WHITING FIELD ANAL..CAL RESULT REPORT
VOLATILES ----- VALIDATED RESULTS

Lab Sample Number: 22891004
Site WHITING
Locator 15SS1005
Collect Date: 04-OCT-92

	VALUE	QUAL	UNITS	DL
CLP VOLATILES 90-SOW				
Chloromethane	11	U	ug/kg	11
Bromomethane	11	U	ug/kg	11
Vinyl chloride	11	U	ug/kg	11
Chloroethane	11	U	ug/kg	11
Methylene chloride	11	UJ	ug/kg	11
Acetone	12	UJ	ug/kg	11
Carbon disulfide	11	U	ug/kg	11
1,1-Dichloroethene	11	U	ug/kg	11
1,1-Dichloroethane	11	U	ug/kg	11
1,2-Dichloroethene (total)	11	U	ug/kg	11
Chloroform	11	U	ug/kg	11
1,2-Dichloroethane	11	U	ug/kg	11
2-Butanone	11	U	ug/kg	11
1,1,1-Trichloroethane	11	U	ug/kg	11
Carbon tetrachloride	11	U	ug/kg	11
Bromodichloromethane	11	U	ug/kg	11
1,2-Dichloropropane	11	U	ug/kg	11
cis-1,3-Dichloropropene	11	U	ug/kg	11
Trichloroethene	11	U	ug/kg	11
Dibromochloromethane	11	U	ug/kg	11
1,1,2-Trichloroethane	11	U	ug/kg	11
Benzene	11	U	ug/kg	11
trans-1,3-Dichloropropene	11	U	ug/kg	11
Bromoform	11	U	ug/kg	11
4-Methyl-2-pentanone	11	U	ug/kg	11
2-Hexanone	11	U	ug/kg	11
Tetrachloroethene	11	U	ug/kg	11
Toluene	11	U	ug/kg	11
1,1,2,2-Tetrachloroethane	11	U	ug/kg	11
Chlorobenzene	11	U	ug/kg	11
Ethylbenzene	11	U	ug/kg	11
Styrene	11	U	ug/kg	11
Xylenes (total)	6	J	ug/kg	11

U = NOT DETECTED J = ESTIMATED VALUE
U.. ..RTED QUANTITATION LIMIT IS QUALIFIED AS ESTIMATED
R ..T IS REJECTED AND UNUSABLE

WHITING FIELD ANAL..ICAL RESULT REPORT
SEMIVOLATILES ----- VALIDATED RESULTS

Lab Sample Number:	22883001				22889004				22889005				22891002					
Site	WHITING				WHITING				WHITING				WHITING					
Locator	15SS0201				15SS0502				15SS0603				15SS0804					
Collect Date:	02-OCT-92				03-OCT-92				03-OCT-92				04-OCT-92					
	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL		
CLP SEMIVOLATILES 90-SOW																		
Phenol	53	J	ug/kg	360	350	U	ug/kg	350	360	U	ug/kg	360	370	U	ug/kg	370		
bis(2-Chloroethyl) ether	360	U	ug/kg	360	350	U	ug/kg	350	360	U	ug/kg	360	370	U	ug/kg	370		
2-Chlorophenol	360	U	ug/kg	360	350	U	ug/kg	350	360	U	ug/kg	360	370	U	ug/kg	370		
1,3-Dichlorobenzene	360	U	ug/kg	360	350	U	ug/kg	350	360	U	ug/kg	360	370	U	ug/kg	370		
1,4-Dichlorobenzene	360	U	ug/kg	360	350	U	ug/kg	350	360	U	ug/kg	360	110	J	ug/kg	370		
1,2-Dichlorobenzene	360	U	ug/kg	360	350	U	ug/kg	350	360	U	ug/kg	360	370	U	ug/kg	370		
2-Methylphenol	360	U	ug/kg	360	350	U	ug/kg	350	360	U	ug/kg	360	370	U	ug/kg	370		
2,2-oxybis(1-Chloropropane)	360	UJ	ug/kg	360	350	U	ug/kg	350	360	UJ	ug/kg	360	370	U	ug/kg	370		
4-Methylphenol	42	J	ug/kg	360	350	U	ug/kg	350	77	J	ug/kg	360	370	U	ug/kg	370		
N-Nitroso-di-n-propylamine	360	UJ	ug/kg	360	350	U	ug/kg	350	360	UJ	ug/kg	360	370	U	ug/kg	370		
Hexachloroethane	360	U	ug/kg	360	350	U	ug/kg	350	360	U	ug/kg	360	370	U	ug/kg	370		
Nitrobenzene	360	UJ	ug/kg	360	350	UJ	ug/kg	350	360	UJ	ug/kg	360	370	U	ug/kg	370		
Isophorone	360	UJ	ug/kg	360	350	UJ	ug/kg	350	360	UJ	ug/kg	360	370	UJ	ug/kg	370		
2-Nitrophenol	360	U	ug/kg	360	350	U	ug/kg	350	360	U	ug/kg	360	370	U	ug/kg	370		
2,4-Dimethylphenol	360	U	ug/kg	360	350	U	ug/kg	350	360	U	ug/kg	360	370	U	ug/kg	370		
bis(2-Chloroethoxy) methane	360	U	ug/kg	360	350	U	ug/kg	350	360	U	ug/kg	360	370	U	ug/kg	370		
2,4-Dichlorophenol	360	U	ug/kg	360	350	U	ug/kg	350	360	U	ug/kg	360	370	U	ug/kg	370		
1,2,4-Trichlorobenzene	360	U	ug/kg	360	350	U	ug/kg	350	360	U	ug/kg	360	370	U	ug/kg	370		
Naphthalene	360	U	ug/kg	360	350	U	ug/kg	350	140	J	ug/kg	360	92	J	ug/kg	370		
4-Chloroaniline	360	U	ug/kg	360	350	U	ug/kg	350	360	U	ug/kg	360	370	U	ug/kg	370		
Hexachlorobutadiene	360	U	ug/kg	360	350	U	ug/kg	350	360	U	ug/kg	360	370	U	ug/kg	370		
4-Chloro-3-methylphenol	360	U	ug/kg	360	350	U	ug/kg	350	360	U	ug/kg	360	370	U	ug/kg	370		
2-Methylnaphthalene	360	U	ug/kg	360	350	U	ug/kg	350	68	J	ug/kg	360	76	J	ug/kg	370		
Hexachlorocyclopentadiene	360	U	ug/kg	360	350	U	ug/kg	350	360	U	ug/kg	360	370	U	ug/kg	370		
2,4,6-Trichlorophenol	360	U	ug/kg	360	350	U	ug/kg	350	360	U	ug/kg	360	370	U	ug/kg	370		
2,4,5-Trichlorophenol	870	U	ug/kg	870	850	U	ug/kg	850	870	U	ug/kg	870	900	U	ug/kg	900		
2-Chloronaphthalene	360	U	ug/kg	360	350	U	ug/kg	350	360	U	ug/kg	360	370	U	ug/kg	370		
2-Nitroaniline	870	U	ug/kg	870	850	U	ug/kg	850	870	U	ug/kg	870	900	U	ug/kg	900		
Dimethylphthalate	360	U	ug/kg	360	350	U	ug/kg	350	360	U	ug/kg	360	370	U	ug/kg	370		
Acenaphthylene	360	U	ug/kg	360	350	U	ug/kg	350	360	U	ug/kg	360	370	U	ug/kg	370		
2,6-Dinitrotoluene	360	U	ug/kg	360	350	UJ	ug/kg	350	360	U	ug/kg	360	370	U	ug/kg	370		
3-Nitroaniline	870	U	ug/kg	870	850	UJ	ug/kg	850	870	U	ug/kg	870	900	U	ug/kg	900		
Acenaphthene	360	U	ug/kg	360	350	U	ug/kg	350	360	U	ug/kg	360	370	U	ug/kg	370		
2,4-Dinitrophenol	870	U	ug/kg	870	850	U	ug/kg	850	870	U	ug/kg	870	900	U	ug/kg	900		
4-Nitrophenol	870	U	ug/kg	870	850	U	ug/kg	850	870	U	ug/kg	870	900	UJ	ug/kg	900		
Dibenzofuran	360	U	ug/kg	360	350	U	ug/kg	350	360	U	ug/kg	360	370	U	ug/kg	370		
2,4-Dinitrotoluene	360	U	ug/kg	360	350	UJ	ug/kg	350	360	U	ug/kg	360	370	U	ug/kg	370		
Diethylphthalate	41	J	ug/kg	360	350	U	ug/kg	350	360	U	ug/kg	360	370	U	ug/kg	370		
4-Chlorophenyl-phenylether	360	U	ug/kg	360	350	U	ug/kg	350	360	U	ug/kg	360	370	U	ug/kg	370		
Fluorene	360	U	ug/kg	360	350	U	ug/kg	350	360	U	ug/kg	360	370	U	ug/kg	370		
4-Nitroaniline	870	U	ug/kg	870	850	UJ	ug/kg	850	870	U	ug/kg	870	900	U	ug/kg	900		
4,6-Dinitro-2-methylphenol	870	U	ug/kg	870	850	U	ug/kg	850	870	U	ug/kg	870	900	U	ug/kg	900		
N-Nitrosodiphenylamine (1)	360	U	ug/kg	360	350	U	ug/kg	350	360	U	ug/kg	360	370	U	ug/kg	370		
4-Bromophenyl-phenylether	360	U	ug/kg	360	350	U	ug/kg	350	360	U	ug/kg	360	370	U	ug/kg	370		
Hexachlorobenzene	360	U	ug/kg	360	350	U	ug/kg	350	360	U	ug/kg	360	370	U	ug/kg	370		
Pentachlorophenol	870	U	ug/kg	870	850	U	ug/kg	850	870	U	ug/kg	870	900	U	ug/kg	900		
Phenanthrene	360	U	ug/kg	360	350	U	ug/kg	350	360	U	ug/kg	360	370	U	ug/kg	370		
Anthracene	360	U	ug/kg	360	350	U	ug/kg	350	360	U	ug/kg	360	370	U	ug/kg	370		
Carbazole	360	U	ug/kg	360	350	UJ	ug/kg	350	360	U	ug/kg	360	370	U	ug/kg	370		
Di-n-butylphthalate	360	UJ	ug/kg	360	350	UJ	ug/kg	350	360	U	ug/kg	360	370	U	ug/kg	370		
Fluoranthene	360	U	ug/kg	360	350	U	ug/kg	350	360	U	ug/kg	360	370	U	ug/kg	370		
Pyrene	360	U	ug/kg	360	350	U	ug/kg	350	360	U	ug/kg	360	370	U	ug/kg	370		
Butylbenzylphthalate	360	UJ	ug/kg	360	350	U	ug/kg	350	360	UJ	ug/kg	360	370	UJ	ug/kg	370		

WHITING FIELD ANAL..ICAL RESULT REPORT
SEMIVOLATILES ----- VALIDATED RESULTS

Lab Sample Number:	22883001				22889004				22889005				22891002			
Site	WHITING				WHITING				WHITING				WHITING			
Locator	15SS0201				15SS0502				15SS0603				15SS0804			
Collect Date:	02-OCT-92				03-OCT-92				03-OCT-92				04-OCT-92			
	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL
3,3-Dichlorobenzidine	360	U	ug/kg	360	350	U	ug/kg	350	360	U	ug/kg	360	370	UJ	ug/kg	370
Benzo (a) anthracene	360	U	ug/kg	360	350	U	ug/kg	350	360	U	ug/kg	360	370	U	ug/kg	370
Chrysene	360	U	ug/kg	360	350	U	ug/kg	350	360	U	ug/kg	360	370	U	ug/kg	370
bis(2-Ethylhexyl) phthalate	42	J	ug/kg	360	350	UJ	ug/kg	350	230	J	ug/kg	360	370	UJ	ug/kg	370
Di-n-octylphthalate	360	U	ug/kg	360	350	U	ug/kg	350	360	U	ug/kg	360	370	U	ug/kg	370
Benzo (b) fluoranthene	360	U	ug/kg	360	350	U	ug/kg	350	360	U	ug/kg	360	370	U	ug/kg	370
Benzo (k) fluoranthene	360	U	ug/kg	360	350	U	ug/kg	350	360	U	ug/kg	360	370	U	ug/kg	370
Benzo (a) pyrene	360	U	ug/kg	360	350	U	ug/kg	350	360	U	ug/kg	360	370	U	ug/kg	370
Indeno (1,2,3-cd) pyrene	360	U	ug/kg	360	350	U	ug/kg	350	360	U	ug/kg	360	370	U	ug/kg	370
Dibenz (a,h) anthracene	360	U	ug/kg	360	350	U	ug/kg	350	360	U	ug/kg	360	370	U	ug/kg	370
Benzo (g,h,i) perylene	360	U	ug/kg	360	350	U	ug/kg	350	360	U	ug/kg	360	370	U	ug/kg	370

U = NOT DETECTED J = ESTIMATED VALUE
U.. ..ORTED QUANTITATION LIMIT IS QUALIFIED AS ESTIMATED
R ..ULT IS REJECTED AND UNUSABLE

WHITING FIELD ANAL..CAL RESULT REPORT
SEMIVOLATILES ----- VALIDATED RESULTS

Lab Sample Number:	22891004
Site	WHITING
Locator	15SS1005
Collect Date:	04-OCT-92

	VALUE	QUAL	UNITS	DL
CLP SEMIVOLATILES 90-SOW				
Phenol	350	U	ug/kg	350
bis(2-Chloroethyl) ether	350	U	ug/kg	350
2-Chlorophenol	350	U	ug/kg	350
1,3-Dichlorobenzene	350	U	ug/kg	350
1,4-Dichlorobenzene	350	U	ug/kg	350
1,2-Dichlorobenzene	350	U	ug/kg	350
2-Methylphenol	350	U	ug/kg	350
2,2-oxybis(1-Chloropropane)	350	U	ug/kg	350
4-Methylphenol	350	U	ug/kg	350
N-Nitroso-di-n-propylamine	350	U	ug/kg	350
Hexachloroethane	350	U	ug/kg	350
Nitrobenzene	350	U	ug/kg	350
Isophorone	350	UJ	ug/kg	350
2-Nitrophenol	350	U	ug/kg	350
2,4-Dimethylphenol	350	U	ug/kg	350
bis(2-Chloroethoxy) methane	350	U	ug/kg	350
2,4-Dichlorophenol	350	U	ug/kg	350
1,2,4-Trichlorobenzene	350	U	ug/kg	350
Naphthalene	350	U	ug/kg	350
4-Chloroaniline	350	U	ug/kg	350
Hexachlorobutadiene	350	U	ug/kg	350
4-Chloro-3-methylphenol	350	U	ug/kg	350
2-Methylnaphthalene	350	U	ug/kg	350
Hexachlorocyclopentadiene	350	U	ug/kg	350
2,4,6-Trichlorophenol	350	U	ug/kg	350
2,4,5-Trichlorophenol	850	U	ug/kg	850
2-Chloronaphthalene	350	U	ug/kg	350
2-Nitroaniline	850	U	ug/kg	850
Dimethylphthalate	350	U	ug/kg	350
Acenaphthylene	350	U	ug/kg	350
2,6-Dinitrotoluene	350	U	ug/kg	350
3-Nitroaniline	850	U	ug/kg	850
Acenaphthene	350	U	ug/kg	350
2,4-Dinitrophenol	850	U	ug/kg	850
4-Nitrophenol	850	UJ	ug/kg	850
Dibenzofuran	350	U	ug/kg	350
2,4-Dinitrotoluene	350	U	ug/kg	350
Diethylphthalate	350	U	ug/kg	350
4-Chlorophenyl-phenylether	350	U	ug/kg	350
Fluorene	350	U	ug/kg	350
4-Nitroaniline	850	U	ug/kg	850
4,6-Dinitro-2-methylphenol	850	U	ug/kg	850
N-Nitrosodiphenylamine (1)	350	U	ug/kg	350
4-Bromophenyl-phenylether	350	U	ug/kg	350
Hexachlorobenzene	350	U	ug/kg	350
Pentachlorophenol	850	U	ug/kg	850
Phenanthrene	350	U	ug/kg	350
Anthracene	350	U	ug/kg	350
Carbazole	350	U	ug/kg	350
Di-n-butylphthalate	350	UJ	ug/kg	350
Fluoranthene	350	U	ug/kg	350
Pyrene	350	U	ug/kg	350

WHITING FIELD ANAL...CAL RESULT REPORT
SEMIVOLATILES ----- VALIDATED RESULTS

Lab Sample Number: 22891004
Site WHITING
Locator 15SS1005
Collect Date: 04-OCT-92

	VALUE	QUAL	UNITS	DL
Butylbenzylphthalate	350	UJ	ug/kg	350
3,3-Dichlorobenzidine	350	UJ	ug/kg	350
Benzo (a) anthracene	350	U	ug/kg	350
Chrysene	350	U	ug/kg	350
bis(2-Ethylhexyl) phthalate	350	UJ	ug/kg	350
Di-n-octylphthalate	350	U	ug/kg	350
Benzo (b) fluoranthene	350	U	ug/kg	350
Benzo (k) fluoranthene	350	U	ug/kg	350
Benzo (a) pyrene	350	U	ug/kg	350
Indeno (1,2,3-cd) pyrene	350	U	ug/kg	350
Dibenz (a,h) anthracene	350	U	ug/kg	350
Benzo (g,h,i) perylene	350	U	ug/kg	350

U = ...DETECTED J = ESTIMATED VALUE
U... ...RTED QUANTITATION LIMIT IS QUALIFIED AS ESTIMATED
R ...ULT IS REJECTED AND UNUSABLE

WHITING FIELD ANAL..CAL RESULT REPORT
PESTICIDES AND PCBs ----- VALIDATED RESULTS

Lab Sample Number:	22883001				22889004				22889005				22891002			
Site	WHITING				WHITING				WHITING				WHITING			
Locator	15SS0201				15SS0502				15SS0603				15SS0804			
Collect Date:	02-OCT-92				03-OCT-92				03-OCT-92				04-OCT-92			
	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL
CLP PESTICIDES/PCBS 90-SOW																
alpha-BHC	1.8	U	ug/kg	1.8	1.8	U	ug/kg	1.8	1.8	U	ug/kg	1.8	19	U	ug/kg	19
beta-BHC	1.8	U	ug/kg	1.8	1.8	U	ug/kg	1.8	1.8	U	ug/kg	1.8	19	U	ug/kg	19
delta-BHC	1.8	U	ug/kg	1.8	1.8	U	ug/kg	1.8	1.8	U	ug/kg	1.8	19	U	ug/kg	19
gamma-BHC (Lindane)	1.8	U	ug/kg	1.8	1.8	U	ug/kg	1.8	1.8	U	ug/kg	1.8	19	U	ug/kg	19
Heptachlor	1.8	U	ug/kg	1.8	1.8	U	ug/kg	1.8	1.8	U	ug/kg	1.8	19	U	ug/kg	19
Aldrin	1.8	U	ug/kg	1.8	1.8	U	ug/kg	1.8	1.8	U	ug/kg	1.8	19	U	ug/kg	19
Heptachlor epoxide	1.8	U	ug/kg	1.8	1.8	U	ug/kg	1.8	1.8	U	ug/kg	1.8	19	U	ug/kg	19
Endosulfan I	1.8	U	ug/kg	1.8	1.8	U	ug/kg	1.8	1.8	U	ug/kg	1.8	19	U	ug/kg	19
Dieldrin	3.5	U	ug/kg	3.5	3.5	U	ug/kg	3.5	3.6	U	ug/kg	3.6	37	U	ug/kg	37
4,4-DDE	3.5	U	ug/kg	3.5	3.5	U	ug/kg	3.5	3.6	U	ug/kg	3.6	37	U	ug/kg	37
Endrin	3.5	U	ug/kg	3.5	3.5	U	ug/kg	3.5	3.6	U	ug/kg	3.6	37	U	ug/kg	37
Endosulfan II	3.5	U	ug/kg	3.5	3.5	U	ug/kg	3.5	3.6	U	ug/kg	3.6	37	U	ug/kg	37
4,4-DDD	3.5	U	ug/kg	3.5	3.5	U	ug/kg	3.5	3.6	U	ug/kg	3.6	37	U	ug/kg	37
Endosulfan sulfate	3.5	U	ug/kg	3.5	3.5	U	ug/kg	3.5	3.6	U	ug/kg	3.6	37	U	ug/kg	37
4,4-DDT	3.5	U	ug/kg	3.5	3.5	U	ug/kg	3.5	3.6	U	ug/kg	3.6	37	U	ug/kg	37
Methoxychlor	18	U	ug/kg	18	18	U	ug/kg	18	18	U	ug/kg	18	190	U	ug/kg	190
Endrin ketone	3.5	U	ug/kg	3.5	3.5	U	ug/kg	3.5	3.6	U	ug/kg	3.6	37	U	ug/kg	37
Endrin aldehyde	3.5	U	ug/kg	3.5	3.5	U	ug/kg	3.5	3.6	U	ug/kg	3.6	37	U	ug/kg	37
alpha-Chlordane	1.8	U	ug/kg	1.8	1.8	U	ug/kg	1.8	1.8	U	ug/kg	1.8	19	U	ug/kg	19
gamma-Chlordane	1.8	U	ug/kg	1.8	1.8	U	ug/kg	1.8	1.8	U	ug/kg	1.8	19	U	ug/kg	19
Toxaphene	180	U	ug/kg	180	180	U	ug/kg	180	180	U	ug/kg	180	1900	U	ug/kg	1900
Aroclor-1016	35	U	ug/kg	35	35	U	ug/kg	35	36	U	ug/kg	36	370	U	ug/kg	370
Aroclor-1221	72	U	ug/kg	72	71	U	ug/kg	71	73	U	ug/kg	73	750	U	ug/kg	750
Aroclor-1232	35	U	ug/kg	35	35	U	ug/kg	35	36	U	ug/kg	36	370	U	ug/kg	370
Aroclor-1242	35	U	ug/kg	35	35	U	ug/kg	35	36	U	ug/kg	36	2200		ug/kg	370
Aroclor-1248	35	U	ug/kg	35	35	U	ug/kg	35	36	U	ug/kg	36	370	U	ug/kg	370
Aroclor-1254	35	U	ug/kg	35	35	U	ug/kg	35	36	U	ug/kg	36	370	U	ug/kg	370
Aroclor-1260	35	U	ug/kg	35	35	U	ug/kg	35	36	U	ug/kg	36	370	U	ug/kg	370

U = NOT DETECTED J = ESTIMATED VALUE
UJ= REPORTED QUANTITATION LIMIT IS QUALIFIED AS ESTIMATED
R = RESULT IS REJECTED AND UNUSABLE

WHITING FIELD ANAL...AL RESULT REPORT
PESTICIDES AND PCBs ----- VALIDATED RESULTS

Lab Sample Number: 22891004
Site WHITING
Locator 15SS1005
Collect Date: 04-OCT-92

	VALUE	QUAL	UNITS	DL
CLP PESTICIDES/PCBS 90-SOW				
alpha-BHC	1.8	U	ug/kg	1.8
beta-BHC	1.8	U	ug/kg	1.8
delta-BHC	1.8	U	ug/kg	1.8
gamma-BHC (Lindane)	1.8	U	ug/kg	1.8
Heptachlor	1.8	U	ug/kg	1.8
Aldrin	1.8	U	ug/kg	1.8
Heptachlor epoxide	1.8	U	ug/kg	1.8
Endosulfan I	1.8	U	ug/kg	1.8
Dieldrin	3.5	U	ug/kg	3.5
4,4-DDE	2.3	J	ug/kg	3.5
Endrin	3.5	U	ug/kg	3.5
Endosulfan II	3.5	U	ug/kg	3.5
4,4-DDD	3.5	U	ug/kg	3.5
Endosulfan sulfate	3.5	U	ug/kg	3.5
4,4-DDT	3.5	U	ug/kg	3.5
Methoxychlor	18	U	ug/kg	18
Endrin ketone	3.5	U	ug/kg	3.5
Endrin aldehyde	3.5	U	ug/kg	3.5
alpha-Chlordane	1.8	U	ug/kg	1.8
gamma-Chlordane	1.8	U	ug/kg	1.8
Toxaphene	180	U	ug/kg	180
Aroclor-1016	35	U	ug/kg	35
Aroclor-1221	71	U	ug/kg	71
Aroclor-1232	35	U	ug/kg	35
Aroclor-1242	35	U	ug/kg	35
Aroclor-1248	35	U	ug/kg	35
Aroclor-1254	35	U	ug/kg	35
Aroclor-1260	35	U	ug/kg	35

U = ...T DETECTED J = ESTIMATED VALUE
U... ...ORTED QUANTITATION LIMIT IS QUALIFIED AS ESTIMATED
R ...SULT IS REJECTED AND UNUSABLE

WHITING FIELD ANAL..ICAL RESULT REPORT
INORGANICS - METALS ----- VALIDATED RESULTS

Lab Sample Number:	22883001				22889004				22889005				22891002			
Site	WHITING				WHITING				WHITING				WHITING			
Locator	15SS0201				15SS0502				15SS0603				15SS0804			
Collect Date:	02-OCT-92				04-OCT-92				04-OCT-92				04-OCT-92			
	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL
CLP METALS AND CYANIDE																
Aluminum	13900		mg/kg	40	3520		mg/kg	40	7250		mg/kg	40	15100		mg/kg	40
Antimony	2.3	U	mg/kg	12	2.3	U	mg/kg	12	2.3	U	mg/kg	12	2.4	U	mg/kg	12
Arsenic	2.6		mg/kg	2	.63	J	mg/kg	2	1.5	J	mg/kg	2	2.6		mg/kg	2
Barium	5	J	mg/kg	40	1.6	J	mg/kg	40	9.6	J	mg/kg	40	13.2	J	mg/kg	40
Beryllium	.17	J	mg/kg	1	.05	U	mg/kg	1	.11	J	mg/kg	1	.16	J	mg/kg	1
Cadmium	.65	U	mg/kg	1	.64	U	mg/kg	1	2.1		mg/kg	1	.66	U	mg/kg	1
Calcium	131	J	mg/kg	1000	72.7	J	mg/kg	1000	148	J	mg/kg	1000	267	J	mg/kg	1000
Chromium	11		mg/kg	2	3.8		mg/kg	2	6.6		mg/kg	2	12.7		mg/kg	2
Cobalt	.71	J	mg/kg	10	.71	U	mg/kg	10	.72	U	mg/kg	10	.73	U	mg/kg	10
Copper	5.9		mg/kg	5	.86	J	mg/kg	5	3.5	J	mg/kg	5	6.8		mg/kg	5
Iron	7520		mg/kg	20	2100		mg/kg	20	3650		mg/kg	20	9640		mg/kg	20
Lead	4.3		mg/kg	1	2.8		mg/kg	1	5.7		mg/kg	1	8.4		mg/kg	1
Magnesium	78.9	J	mg/kg	1000	18.8	J	mg/kg	1000	109	J	mg/kg	1000	96	J	mg/kg	1000
Manganese	21.4		mg/kg	3	10		mg/kg	3	22.9		mg/kg	3	44.2		mg/kg	3
Mercury	.44	J	mg/kg	.1	.09	J	mg/kg	.1	.44	J	mg/kg	.1	.59		mg/kg	.1
Nickel	2.3	J	mg/kg	8	1.1	U	mg/kg	8	2.1	J	mg/kg	8	1.2	U	mg/kg	8
Potassium	137	J	mg/kg	1000	145	U	mg/kg	1000	157	J	mg/kg	1000	154	J	mg/kg	1000
Selenium	.45	U	mg/kg	1	.45	U	mg/kg	1	.46	U	mg/kg	1	.46	U	mg/kg	1
Silver	.51	J	mg/kg	2	.43	U	mg/kg	2	.48	J	mg/kg	2	.62	J	mg/kg	2
Sodium	175	J	mg/kg	1000	165	J	mg/kg	1000	175	J	mg/kg	1000	191	J	mg/kg	1000
Thallium	.34	U	mg/kg	2	.34	U	mg/kg	2	.35	U	mg/kg	2	.35	U	mg/kg	2
Vanadium	22.5		mg/kg	10	6.5	J	mg/kg	10	11.1		mg/kg	10	25		mg/kg	10
Zinc	9.9	J	mg/kg	4	3.1	J	mg/kg	4	12.9		mg/kg	4	19.1		mg/kg	4
Cyanide	.09	U	mg/kg	1	.53	J	mg/kg	1	.55	J	mg/kg	1	.09	U	mg/kg	1

U = NOT DETECTED J = ESTIMATED VALUE
UJ= REPORTED QUANTITATION LIMIT IS QUALIFIED AS ESTIMATED
R = RESULT IS REJECTED AND UNUSABLE

WHITING FIELD ANAL...ICAL RESULT REPORT
INORGANICS - METALS ----- VALIDATED RESULTS

Lab Sample Number: 22891004
Site WHITING
Locator 15SS1005
Collect Date: 04-OCT-92

	VALUE	QUAL	UNITS	DL
CLP METALS AND CYANIDE				
Aluminum	7760		mg/kg	40
Antimony	2.3	U	mg/kg	12
Arsenic	1.9	J	mg/kg	2
Barium	6.5	J	mg/kg	40
Beryllium	.09	J	mg/kg	1
Cadmium	.63	U	mg/kg	1
Calcium	264	J	mg/kg	1000
Chromium	6.5		mg/kg	2
Cobalt	.71	U	mg/kg	10
Copper	3.6	J	mg/kg	5
Iron	4530		mg/kg	20
Lead	86.2		mg/kg	1
Magnesium	70.7	J	mg/kg	1000
Manganese	28.1		mg/kg	3
Mercury	.43	J	mg/kg	.1
Nickel	3	J	mg/kg	8
Potassium	145	U	mg/kg	1000
Selenium	.45	U	mg/kg	1
Silver	.43	U	mg/kg	2
Sodium	182	J	mg/kg	1000
Thallium	.34	U	mg/kg	2
Vanadium	13.9		mg/kg	10
Zinc	7.4	J	mg/kg	4
Cyanide	.09	U	mg/kg	1

U = NOT DETECTED J = ESTIMATED VALUE
UJ= ...ORTED QUANTITATION LIMIT IS QUALIFIED AS ESTIMATED
R ...LT IS REJECTED AND UNUSABLE

SITE 16

WHITING FIELD ANAL...CAL RESULT REPORT
VOLATILES ----- VALIDATED RESULTS

Lab Sample Number:	22891006				22897001				22898001				22898002					
Site	WHITING				WHITING				WHITING				WHITING					
Locator	16SS0201				16SS0302				16SS0403				16SS0403A					
Collect Date:	04-OCT-92				04-OCT-92				05-OCT-92				05-OCT-92					
	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL		
CLP VOLATILES 90-SOW																		
Chloromethane	11	U	ug/kg	11	11	U	ug/kg	11	12	U	ug/kg	12	12	U	ug/kg	12		
Bromomethane	11	U	ug/kg	11	11	U	ug/kg	11	12	U	ug/kg	12	12	U	ug/kg	12		
Vinyl chloride	11	U	ug/kg	11	11	U	ug/kg	11	12	U	ug/kg	12	12	U	ug/kg	12		
Chloroethane	11	U	ug/kg	11	11	U	ug/kg	11	12	U	ug/kg	12	12	U	ug/kg	12		
Methylene chloride	120	UJ	ug/kg	11	31	UJ	ug/kg	11	150	J	ug/kg	12	46	UJ	ug/kg	12		
Acetone	130	UJ	ug/kg	11	11	UJ	ug/kg	11	150	UJ	ug/kg	12	140	UJ	ug/kg	12		
Carbon disulfide	26		ug/kg	11	5	J	ug/kg	11	13		ug/kg	12	9	J	ug/kg	12		
1,1-Dichloroethene	11	U	ug/kg	11	11	U	ug/kg	11	12	U	ug/kg	12	12	U	ug/kg	12		
1,1-Dichloroethane	11	U	ug/kg	11	11	U	ug/kg	11	12	U	ug/kg	12	12	U	ug/kg	12		
1,2-Dichloroethene (total)	11	U	ug/kg	11	11	U	ug/kg	11	12	U	ug/kg	12	12	U	ug/kg	12		
Chloroform	11	U	ug/kg	11	11	U	ug/kg	11	12	U	ug/kg	12	12	U	ug/kg	12		
1,2-Dichloroethane	11	U	ug/kg	11	11	U	ug/kg	11	12	U	ug/kg	12	12	U	ug/kg	12		
2-Butanone	11	U	ug/kg	11	11	U	ug/kg	11	12	UJ	ug/kg	12	12	UJ	ug/kg	12		
1,1,1-Trichloroethane	11	U	ug/kg	11	11	U	ug/kg	11	12	U	ug/kg	12	12	U	ug/kg	12		
Carbon tetrachloride	11	U	ug/kg	11	11	U	ug/kg	11	12	U	ug/kg	12	12	U	ug/kg	12		
Bromodichloromethane	11	U	ug/kg	11	11	U	ug/kg	11	12	U	ug/kg	12	12	U	ug/kg	12		
1,2-Dichloropropane	11	U	ug/kg	11	11	U	ug/kg	11	12	U	ug/kg	12	12	U	ug/kg	12		
cis-1,3-Dichloropropene	11	U	ug/kg	11	11	U	ug/kg	11	12	U	ug/kg	12	12	U	ug/kg	12		
Trichloroethene	11	U	ug/kg	11	11	U	ug/kg	11	12	U	ug/kg	12	12	U	ug/kg	12		
Dibromochloromethane	11	U	ug/kg	11	11	U	ug/kg	11	12	U	ug/kg	12	12	U	ug/kg	12		
1,1,2-Trichloroethane	11	U	ug/kg	11	11	U	ug/kg	11	12	U	ug/kg	12	12	U	ug/kg	12		
Benzene	11	U	ug/kg	11	11	U	ug/kg	11	12	U	ug/kg	12	12	U	ug/kg	12		
trans-1,3-Dichloropropene	11	U	ug/kg	11	11	U	ug/kg	11	12	U	ug/kg	12	12	U	ug/kg	12		
Bromoform	11	U	ug/kg	11	11	U	ug/kg	11	12	U	ug/kg	12	12	U	ug/kg	12		
4-Methyl-2-pentanone	11	U	ug/kg	11	11	U	ug/kg	11	12	U	ug/kg	12	12	U	ug/kg	12		
2-Hexanone	11	U	ug/kg	11	11	U	ug/kg	11	12	U	ug/kg	12	12	U	ug/kg	12		
Tetrachloroethene	11	U	ug/kg	11	11	U	ug/kg	11	12	U	ug/kg	12	12	U	ug/kg	12		
Toluene	1	J	ug/kg	11	11	U	ug/kg	11	12	U	ug/kg	12	12	U	ug/kg	12		
1,1,2,2-Tetrachloroethane	11	U	ug/kg	11	11	U	ug/kg	11	12	U	ug/kg	12	12	U	ug/kg	12		
Chlorobenzene	11	U	ug/kg	11	11	U	ug/kg	11	12	U	ug/kg	12	12	U	ug/kg	12		
Ethylbenzene	11	U	ug/kg	11	11	U	ug/kg	11	2	J	ug/kg	12	12	U	ug/kg	12		
Styrene	11	U	ug/kg	11	11	U	ug/kg	11	12	U	ug/kg	12	12	U	ug/kg	12		
Xylenes (total)	11	J	ug/kg	11	3	J	ug/kg	11	7	J	ug/kg	12	5	J	ug/kg	12		

U = NOT DETECTED J = ESTIMATED VALUE
UJ= REPORTED QUANTITATION LIMIT IS QUALIFIED AS ESTIMATED
R = RESULT IS REJECTED AND UNUSABLE

WHITING FIELD ANAL...CAL RESULT REPORT
VOLATILES ----- VALIDATED RESULTS

Lab Sample Number:	22898M01				22898D01				
Site	WHITING				WHITING				
Locator	16SS0403MS				16SS0403MSD				
Collect Date:	05-OCT-92				05-OCT-92				
	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	
CLP VOLATILES 90-SOW									
Chloromethane	12	U	ug/kg	12	12	U	ug/kg	12	
Bromomethane	12	U	ug/kg	12	12	U	ug/kg	12	
Vinyl chloride	12	U	ug/kg	12	12	U	ug/kg	12	
Chloroethane	12	U	ug/kg	12	12	U	ug/kg	12	
Methylene chloride	140		ug/kg	12	140		ug/kg	12	
Acetone	150		ug/kg	12	120		ug/kg	12	
Carbon disulfide	15		ug/kg	12	14		ug/kg	12	
1,1-Dichloroethene	12	U	ug/kg	12	12	U	ug/kg	12	
1,1-Dichloroethane	12	U	ug/kg	12	12	U	ug/kg	12	
1,2-Dichloroethene (total)	12	U	ug/kg	12	12	U	ug/kg	12	
Chloroform	12	U	ug/kg	12	12	U	ug/kg	12	
1,2-Dichloroethane	12	U	ug/kg	12	12	U	ug/kg	12	
2-Butanone	15		ug/kg	12	12	U	ug/kg	12	
1,1,1-Trichloroethane	12	U	ug/kg	12	12	U	ug/kg	12	
Carbon tetrachloride	12	U	ug/kg	12	12	U	ug/kg	12	
Bromodichloromethane	12	U	ug/kg	12	12	U	ug/kg	12	
1,2-Dichloropropane	12	U	ug/kg	12	12	U	ug/kg	12	
cis-1,3-Dichloropropene	12	U	ug/kg	12	12	U	ug/kg	12	
Trichloroethene	12	U	ug/kg	12	12	U	ug/kg	12	
Dibromochloromethane	12	U	ug/kg	12	12	U	ug/kg	12	
1,1,2-Trichloroethane	12	U	ug/kg	12	12	U	ug/kg	12	
Benzene	12	U	ug/kg	12	12	U	ug/kg	12	
trans-1,3-Dichloropropene	12	U	ug/kg	12	12	U	ug/kg	12	
Bromoform	12	U	ug/kg	12	12	U	ug/kg	12	
4-Methyl-2-pentanone	12	U	ug/kg	12	12	U	ug/kg	12	
2-Hexanone	12	U	ug/kg	12	12	U	ug/kg	12	
Tetrachloroethene	12	U	ug/kg	12	12	U	ug/kg	12	
Toluene	12	U	ug/kg	12	12	U	ug/kg	12	
1,1,2,2-Tetrachloroethane	12	U	ug/kg	12	12	U	ug/kg	12	
Chlorobenzene	12	U	ug/kg	12	12	U	ug/kg	12	
Ethylbenzene	2	J	ug/kg	12	3	J	ug/kg	12	
Styrene	12	U	ug/kg	12	12	U	ug/kg	12	
Xylenes (total)	9	J	ug/kg	12	8	J	ug/kg	12	

U = NOT DETECTED J = ESTIMATED VALUE
UJ=)RTED QUANTITATION LIMIT IS QUALIFIED AS ESTIMATED
R)LT IS REJECTED AND UNUSABLE

WHITING FIELD ANALYTICAL RESULT REPORT
SEMIVOLATILES ----- VALIDATED RESULTS

Lab Sample Number:		22891006				22897001				22898001				22898002				
Site		WHITING				WHITING				WHITING				WHITING				
Locator		16SS0201				16SS0302				16SS0403				16SS0403A				
Collect Date:		04-OCT-92				04-OCT-92				05-OCT-92				05-OCT-92				
	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL		
CLP SEMIVOLATILES 90-SOW																		
Phenol	370	U	ug/kg	370	370	UJ	ug/kg	370	400	U	ug/kg	400	430	U	ug/kg	430		
bis(2-Chloroethyl) ether	370	U	ug/kg	370	370	U	ug/kg	370	400	U	ug/kg	400	430	U	ug/kg	430		
2-Chlorophenol	370	U	ug/kg	370	370	U	ug/kg	370	400	U	ug/kg	400	430	U	ug/kg	430		
1,3-Dichlorobenzene	370	U	ug/kg	370	370	U	ug/kg	370	400	U	ug/kg	400	430	U	ug/kg	430		
1,4-Dichlorobenzene	370	U	ug/kg	370	370	U	ug/kg	370	400	U	ug/kg	400	430	U	ug/kg	430		
1,2-Dichlorobenzene	370	U	ug/kg	370	370	U	ug/kg	370	400	U	ug/kg	400	430	U	ug/kg	430		
2-Methylphenol	370	U	ug/kg	370	370	U	ug/kg	370	400	U	ug/kg	400	430	U	ug/kg	430		
2,2-oxybis(1-Chloropropane)	370	UJ	ug/kg	370	370	U	ug/kg	370	400	UJ	ug/kg	400	430	UJ	ug/kg	430		
4-Methylphenol	370	U	ug/kg	370	370	U	ug/kg	370	400	U	ug/kg	400	430	U	ug/kg	430		
N-Nitroso-di-n-propylamine	370	U	ug/kg	370	370	U	ug/kg	370	400	UJ	ug/kg	400	430	UJ	ug/kg	430		
Hexachloroethane	370	UJ	ug/kg	370	370	U	ug/kg	370	400	U	ug/kg	400	430	U	ug/kg	430		
Nitrobenzene	370	U	ug/kg	370	370	U	ug/kg	370	400	UJ	ug/kg	400	430	UJ	ug/kg	430		
Isophorone	370	UJ	ug/kg	370	370	U	ug/kg	370	400	UJ	ug/kg	400	430	UJ	ug/kg	430		
2-Nitrophenol	370	U	ug/kg	370	370	U	ug/kg	370	400	U	ug/kg	400	430	U	ug/kg	430		
2,4-Dimethylphenol	370	U	ug/kg	370	370	U	ug/kg	370	400	U	ug/kg	400	430	U	ug/kg	430		
bis(2-Chloroethoxy) methane	370	U	ug/kg	370	370	U	ug/kg	370	400	U	ug/kg	400	430	U	ug/kg	430		
2,4-Dichlorophenol	370	U	ug/kg	370	370	U	ug/kg	370	400	U	ug/kg	400	430	U	ug/kg	430		
1,2,4-Trichlorobenzene	370	U	ug/kg	370	370	U	ug/kg	370	400	U	ug/kg	400	430	U	ug/kg	430		
Naphthalene	39	J	ug/kg	370	370	U	ug/kg	370	400	U	ug/kg	400	430	U	ug/kg	430		
4-Chloroaniline	370	U	ug/kg	370	370	U	ug/kg	370	400	U	ug/kg	400	430	U	ug/kg	430		
Hexachlorobutadiene	370	U	ug/kg	370	370	U	ug/kg	370	400	U	ug/kg	400	430	U	ug/kg	430		
4-Chloro-3-methylphenol	370	U	ug/kg	370	370	U	ug/kg	370	400	U	ug/kg	400	430	U	ug/kg	430		
2-Methylnaphthalene	39	J	ug/kg	370	370	U	ug/kg	370	400	U	ug/kg	400	430	U	ug/kg	430		
Hexachlorocyclopentadiene	370	U	ug/kg	370	370	U	ug/kg	370	400	U	ug/kg	400	430	U	ug/kg	430		
2,4,6-Trichlorophenol	370	U	ug/kg	370	370	U	ug/kg	370	400	U	ug/kg	400	430	U	ug/kg	430		
2,4,5-Trichlorophenol	900	U	ug/kg	900	910	U	ug/kg	910	980	U	ug/kg	980	1100	U	ug/kg	1100		
2-Chloronaphthalene	370	U	ug/kg	370	370	U	ug/kg	370	400	U	ug/kg	400	430	U	ug/kg	430		
2-Nitroaniline	900	U	ug/kg	900	910	U	ug/kg	910	980	U	ug/kg	980	1100	U	ug/kg	1100		
Dimethylphthalate	370	U	ug/kg	370	370	U	ug/kg	370	400	U	ug/kg	400	430	U	ug/kg	430		
Acenaphthylene	370	U	ug/kg	370	370	U	ug/kg	370	400	U	ug/kg	400	430	U	ug/kg	430		
2,6-Dinitrotoluene	370	UJ	ug/kg	370	370	U	ug/kg	370	400	U	ug/kg	400	430	U	ug/kg	430		
3-Nitroaniline	900	U	ug/kg	900	910	U	ug/kg	910	980	U	ug/kg	980	1100	U	ug/kg	1100		
Acenaphthene	370	U	ug/kg	370	370	U	ug/kg	370	400	U	ug/kg	400	430	U	ug/kg	430		
2,4-Dinitrophenol	900	U	ug/kg	900	910	UJ	ug/kg	910	980	U	ug/kg	980	1100	U	ug/kg	1100		
4-Nitrophenol	900	U	ug/kg	900	910	U	ug/kg	910	980	U	ug/kg	980	1100	U	ug/kg	1100		
Dibenzofuran	370	U	ug/kg	370	370	U	ug/kg	370	400	U	ug/kg	400	430	U	ug/kg	430		
2,4-Dinitrotoluene	370	UJ	ug/kg	370	370	U	ug/kg	370	400	U	ug/kg	400	430	U	ug/kg	430		
Diethylphthalate	370	U	ug/kg	370	370	U	ug/kg	370	400	U	ug/kg	400	430	U	ug/kg	430		
4-Chlorophenyl-phenylether	370	U	ug/kg	370	370	U	ug/kg	370	400	U	ug/kg	400	430	U	ug/kg	430		
Fluorene	370	U	ug/kg	370	370	U	ug/kg	370	400	U	ug/kg	400	430	U	ug/kg	430		
4-Nitroaniline	900	U	ug/kg	900	910	U	ug/kg	910	980	U	ug/kg	980	1100	U	ug/kg	1100		
4,6-Dinitro-2-methylphenol	900	U	ug/kg	900	910	U	ug/kg	910	980	U	ug/kg	980	1100	U	ug/kg	1100		
N-Nitrosodiphenylamine (1)	370	U	ug/kg	370	370	U	ug/kg	370	400	U	ug/kg	400	430	U	ug/kg	430		
4-Bromophenyl-phenylether	370	U	ug/kg	370	370	U	ug/kg	370	400	U	ug/kg	400	430	U	ug/kg	430		
Hexachlorobenzene	370	U	ug/kg	370	370	U	ug/kg	370	400	U	ug/kg	400	430	U	ug/kg	430		
Pentachlorophenol	900	U	ug/kg	900	910	U	ug/kg	910	980	U	ug/kg	980	1100	U	ug/kg	1100		
Phenanthrene	58	J	ug/kg	370	370	U	ug/kg	370	400	U	ug/kg	400	430	U	ug/kg	430		
Anthracene	370	U	ug/kg	370	370	U	ug/kg	370	400	U	ug/kg	400	430	U	ug/kg	430		
Carbazole	370	U	ug/kg	370	370	U	ug/kg	370	400	U	ug/kg	400	430	U	ug/kg	430		
Di-n-butylphthalate	370	UJ	ug/kg	370	370	UJ	ug/kg	750	400	UJ	ug/kg	400	430	UJ	ug/kg	430		
Fluoranthene	120	J	ug/kg	370	370	U	ug/kg	370	400	U	ug/kg	400	430	U	ug/kg	430		
Pyrene	77	J	ug/kg	370	370	U	ug/kg	370	400	U	ug/kg	400	430	U	ug/kg	430		
Butylbenzylphthalate	370	UJ	ug/kg	370	370	U	ug/kg	370	400	UJ	ug/kg	400	430	UJ	ug/kg	430		

WHITING FIELD ANAL...CAL RESULT REPORT
SEMIVOLATILES ----- VALIDATED RESULTS

Lab Sample Number:	22891006				22897001				22898001				22898002			
Site	WHITING				WHITING				WHITING				WHITING			
Locator	16SS0201				16SS0302				16SS0403				16SS0403A			
Collect Date:	04-OCT-92				04-OCT-92				05-OCT-92				05-OCT-92			
	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL
3,3-Dichlorobenzidine	370	U	ug/kg	370	370	UJ	ug/kg	370	400	U	ug/kg	400	430	U	ug/kg	430
Benzo (a) anthracene	370	U	ug/kg	370	370	U	ug/kg	370	400	U	ug/kg	400	430	U	ug/kg	430
Chrysene	370	U	ug/kg	370	370	U	ug/kg	370	400	U	ug/kg	400	430	U	ug/kg	430
bis(2-Ethylhexyl) phthalate	370	UJ	ug/kg	370	370	U	ug/kg	370	400	UJ	ug/kg	400	430	UJ	ug/kg	430
Di-n-octylphthalate	370	U	ug/kg	370	370	U	ug/kg	370	400	U	ug/kg	400	430	U	ug/kg	430
Benzo (b) fluoranthene	370	U	ug/kg	370	370	U	ug/kg	370	400	U	ug/kg	400	430	U	ug/kg	430
Benzo (k) fluoranthene	370	UJ	ug/kg	370	370	U	ug/kg	370	400	U	ug/kg	400	430	U	ug/kg	430
Benzo (a) pyrene	370	U	ug/kg	370	370	U	ug/kg	370	400	U	ug/kg	400	430	U	ug/kg	430
Indeno (1,2,3-cd) pyrene	370	U	ug/kg	370	370	U	ug/kg	370	400	U	ug/kg	400	430	U	ug/kg	430
Dibenz (a,h) anthracene	370	U	ug/kg	370	370	U	ug/kg	370	400	U	ug/kg	400	430	U	ug/kg	430
Benzo (g,h,i) perylene	370	U	ug/kg	370	370	U	ug/kg	370	400	U	ug/kg	400	430	U	ug/kg	430

U = NOT DETECTED J = ESTIMATED VALUE
UJ- ...ORTED QUANTITATION LIMIT IS QUALIFIED AS ESTIMATED
R ...ULT IS REJECTED AND UNUSABLE

WHITING FIELD ANAL[illegible] RESULT REPORT
SEMIVOLATILES ----- VALIDATED RESULTS

Lab Sample Number:	22898M01				22898D01			
Site	WHITING				WHITING			
Locator	16SS0403MS				16SS0403MSD			
Collect Date:	05-OCT-92				05-OCT-92			
	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL
CLP SEMIVOLATILES 90-SOW								
Phenol	400	U	ug/kg	400	400	U	ug/kg	400
bis(2-Chloroethyl) ether	400	U	ug/kg	400	400	U	ug/kg	400
2-Chlorophenol	400	U	ug/kg	400	400	U	ug/kg	400
1,3-Dichlorobenzene	400	U	ug/kg	400	400	U	ug/kg	400
1,4-Dichlorobenzene	400	U	ug/kg	400	400	U	ug/kg	400
1,2-Dichlorobenzene	400	U	ug/kg	400	400	U	ug/kg	400
2-Methylphenol	400	U	ug/kg	400	400	U	ug/kg	400
2,2-oxybis(1-Chloropropane)	400	U	ug/kg	400	400	U	ug/kg	400
4-Methylphenol	400	U	ug/kg	400	400	U	ug/kg	400
N-Nitroso-di-n-propylamine	400	U	ug/kg	400	400	U	ug/kg	400
Hexachloroethane	400	U	ug/kg	400	400	U	ug/kg	400
Nitrobenzene	400	U	ug/kg	400	400	U	ug/kg	400
Isophorone	400	U	ug/kg	400	400	U	ug/kg	400
2-Nitrophenol	400	U	ug/kg	400	400	U	ug/kg	400
2,4-Dimethylphenol	400	U	ug/kg	400	400	U	ug/kg	400
bis(2-Chloroethoxy) methane	400	U	ug/kg	400	400	U	ug/kg	400
2,4-Dichlorophenol	400	U	ug/kg	400	400	U	ug/kg	400
1,2,4-Trichlorobenzene	400	U	ug/kg	400	400	U	ug/kg	400
Naphthalene	400	U	ug/kg	400	400	U	ug/kg	400
4-Chloroaniline	400	U	ug/kg	400	400	U	ug/kg	400
Hexachlorobutadiene	400	U	ug/kg	400	400	U	ug/kg	400
4-Chloro-3-methylphenol	400	U	ug/kg	400	400	U	ug/kg	400
2-Methylnaphthalene	400	U	ug/kg	400	400	U	ug/kg	400
Hexachlorocyclopentadiene	400	U	ug/kg	400	400	U	ug/kg	400
2,4,6-Trichlorophenol	400	U	ug/kg	400	400	U	ug/kg	400
2,4,5-Trichlorophenol	980	U	ug/kg	980	980	U	ug/kg	980
2-Chloronaphthalene	400	U	ug/kg	400	400	U	ug/kg	400
2-Nitroaniline	980	U	ug/kg	980	980	U	ug/kg	980
Dimethylphthalate	400	U	ug/kg	400	400	U	ug/kg	400
Acenaphthylene	400	U	ug/kg	400	400	U	ug/kg	400
2,6-Dinitrotoluene	400	U	ug/kg	400	400	U	ug/kg	400
3-Nitroaniline	980	U	ug/kg	980	980	U	ug/kg	980
Acenaphthene	400	U	ug/kg	400	400	U	ug/kg	400
2,4-Dinitrophenol	980	U	ug/kg	980	980	U	ug/kg	980
4-Nitrophenol	980	U	ug/kg	980	980	U	ug/kg	980
Dibenzofuran	400	U	ug/kg	400	400	U	ug/kg	400
2,4-Dinitrotoluene	400	U	ug/kg	400	400	U	ug/kg	400
Diethylphthalate	400	U	ug/kg	400	400	U	ug/kg	400
4-Chlorophenyl-phenylether	400	U	ug/kg	400	400	U	ug/kg	400
Fluorene	400	U	ug/kg	400	400	U	ug/kg	400
4-Nitroaniline	980	U	ug/kg	980	980	U	ug/kg	980
4,6-Dinitro-2-methylphenol	980	U	ug/kg	980	980	U	ug/kg	980
N-Nitrosodiphenylamine (1)	400	U	ug/kg	400	400	U	ug/kg	400
4-Bromophenyl-phenylether	400	U	ug/kg	400	400	U	ug/kg	400
Hexachlorobenzene	400	U	ug/kg	400	400	U	ug/kg	400
Pentachlorophenol	980	U	ug/kg	980	980	U	ug/kg	980
Phenanthrene	400	U	ug/kg	400	400	U	ug/kg	400
Anthracene	400	U	ug/kg	400	400	U	ug/kg	400
Carbazole	400	U	ug/kg	400	400	U	ug/kg	400
Di-n-butylphthalate	130	J	ug/kg	400	190	J	ug/kg	400
Fluoranthene	400	U	ug/kg	400	400	U	ug/kg	400
Pyrene	400	U	ug/kg	400	400	U	ug/kg	400

WHITING FIELD ANA CAL RESULT REPORT
SEMIVOLATILES ----- VALIDATED RESULTS

Lab Sample Number:	22898M01				22898D01				
Site	WHITING				WHITING				
Locator	16SS0403MS				16SS0403MSD				
Collect Date:	05-OCT-92				05-OCT-92				
	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	
Butylbenzylphthalate	400	U	ug/kg	400	400	U	ug/kg	400	
3,3-Dichlorobenzidine	400	U	ug/kg	400	400	U	ug/kg	400	
Benzo (a) anthracene	400	U	ug/kg	400	400	U	ug/kg	400	
Chrysene	400	U	ug/kg	400	400	U	ug/kg	400	
bis(2-Ethylhexyl) phthalate	400	U	ug/kg	400	400	U	ug/kg	400	
Di-n-octylphthalate	400	U	ug/kg	400	400	U	ug/kg	400	
Benzo (b) fluoranthene	400	U	ug/kg	400	400	U	ug/kg	400	
Benzo (k) fluoranthene	400	U	ug/kg	400	400	U	ug/kg	400	
Benzo (a) pyrene	400	U	ug/kg	400	400	U	ug/kg	400	
Indeno (1,2,3-cd) pyrene	400	U	ug/kg	400	400	U	ug/kg	400	
Dibenz (a,h) anthracene	400	U	ug/kg	400	400	U	ug/kg	400	
Benzo (g,h,i) perylene	400	U	ug/kg	400	400	U	ug/kg	400	

U = NOT DETECTED J = ESTIMATED VALUE
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WHITING FIELD ANAL..ICAL RESULT REPORT
PESTICIDES AND PCBs ----- VALIDATED RESULTS

Lab Sample Number:	22891006			22897001			22898001			22898002		
Site	WHITING			WHITING			WHITING			WHITING		
Locator	16SS0201			16SS0302			16SS0403			16SS0403A		
Collect Date:	04-OCT-92			04-OCT-92			05-OCT-93			05-OCT-93		
	VALUE QUAL	UNITS	DL	VALUE QUAL	UNITS	DL	VALUE QUAL	UNITS	DL	VALUE QUAL	UNITS	DL
CLP PESTICIDES/PCBS 90-SOW												
alpha-BHC	1.9 U	ug/kg	1.9	1.9 UJ	ug/kg	1.9	2.1 U	ug/kg	2.1	2.2 U	ug/kg	2.2
beta-BHC	1.9 U	ug/kg	1.9	1.9 UJ	ug/kg	1.9	2.1 U	ug/kg	2.1	2.2 U	ug/kg	2.2
delta-BHC	1.9 U	ug/kg	1.9	1.9 UJ	ug/kg	1.9	2.1 U	ug/kg	2.1	2.2 U	ug/kg	2.2
gamma-BHC (Lindane)	1.9 U	ug/kg	1.9	1.9 UJ	ug/kg	1.9	2.1 U	ug/kg	2.1	2.2 U	ug/kg	2.2
Heptachlor	1.9 U	ug/kg	1.9	1.9 UJ	ug/kg	1.9	2.1 U	ug/kg	2.1	2.2 U	ug/kg	2.2
Aldrin	1.9 U	ug/kg	1.9	1.9 UJ	ug/kg	1.9	2.1 U	ug/kg	2.1	2.2 U	ug/kg	2.2
Heptachlor epoxide	1.9 U	ug/kg	1.9	1.9 UJ	ug/kg	1.9	2.1 U	ug/kg	2.1	2.2 U	ug/kg	2.2
Endosulfan I	1.9 U	ug/kg	1.9	1.9 UJ	ug/kg	1.9	2.1 U	ug/kg	2.1	2.2 U	ug/kg	2.2
Dieldrin	1.6 J	ug/kg	3.7	3.7 UJ	ug/kg	3.7	4 U	ug/kg	4	4.3 U	ug/kg	4.3
4,4-DDE	1.8 J	ug/kg	3.7	3.7 UJ	ug/kg	3.7	4 U	ug/kg	4	4.3 U	ug/kg	4.3
Endrin	3.7 U	ug/kg	3.7	3.7 UJ	ug/kg	3.7	4 U	ug/kg	4	4.3 U	ug/kg	4.3
Endosulfan II	3.7 U	ug/kg	3.7	3.7 UJ	ug/kg	3.7	4 U	ug/kg	4	4.3 U	ug/kg	4.3
4,4-DDD	2.2 J	ug/kg	3.7	3.7 UJ	ug/kg	3.7	4 U	ug/kg	4	4.3 U	ug/kg	4.3
Endosulfan sulfate	3.7 U	ug/kg	3.7	3.7 UJ	ug/kg	3.7	4 U	ug/kg	4	4.3 U	ug/kg	4.3
4,4-DDT	3.7 U	ug/kg	3.7	3.7 UJ	ug/kg	3.7	4 U	ug/kg	4	4.3 U	ug/kg	4.3
Methoxychlor	19 U	ug/kg	19	19 UJ	ug/kg	19	21 U	ug/kg	21	22 U	ug/kg	22
Endrin ketone	3.7 U	ug/kg	3.7	3.7 UJ	ug/kg	3.7	4 U	ug/kg	4	4.3 U	ug/kg	4.3
Endrin aldehyde	3.7 U	ug/kg	3.7	3.7 UJ	ug/kg	3.7	4 U	ug/kg	4	4.3 U	ug/kg	4.3
alpha-Chlordane	1.9 U	ug/kg	1.9	1.9 UJ	ug/kg	1.9	2.1 U	ug/kg	2.1	2.2 U	ug/kg	2.2
gamma-Chlordane	1.9 U	ug/kg	1.9	1.9 UJ	ug/kg	1.9	2.1 U	ug/kg	2.1	2.2 U	ug/kg	2.2
Toxaphene	190 U	ug/kg	190	190 UJ	ug/kg	190	210 U	ug/kg	210	220 U	ug/kg	220
Aroclor-1016	37 U	ug/kg	37	37 UJ	ug/kg	37	40 U	ug/kg	40	43 U	ug/kg	43
Aroclor-1221	75 U	ug/kg	75	76 UJ	ug/kg	76	82 U	ug/kg	82	88 U	ug/kg	88
Aroclor-1232	37 U	ug/kg	37	37 UJ	ug/kg	37	40 U	ug/kg	40	43 U	ug/kg	43
Aroclor-1242	37 U	ug/kg	37	37 UJ	ug/kg	37	40 U	ug/kg	40	43 U	ug/kg	43
Aroclor-1248	37 U	ug/kg	37	37 UJ	ug/kg	37	40 U	ug/kg	40	43 U	ug/kg	43
Aroclor-1254	37 U	ug/kg	37	37 UJ	ug/kg	37	40 U	ug/kg	40	43 U	ug/kg	43
Aroclor-1260	37 U	ug/kg	37	37 UJ	ug/kg	37	40 U	ug/kg	40	43 U	ug/kg	43

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WHITING FIELD ANALYTICAL RESULT REPORT
PESTICIDES AND PCBs ----- VALIDATED RESULTS

Lab Sample Number:	22898M01				22898D01				
Site	WHITING				WHITING				
Locator	16SS0403MS				16SS0403MSD				
Collect Date:	05-OCT-93				05-OCT-93				
	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	
CLP PESTICIDES/PCBS 90-SOW									
alpha-BHC	2.1	U	ug/kg	2.1	2.1	U	ug/kg	2.1	
beta-BHC	2.1	U	ug/kg	2.1	2.1	U	ug/kg	2.1	
delta-BHC	2.1	U	ug/kg	2.1	2.1	U	ug/kg	2.1	
gamma-BHC (Lindane)	16		ug/kg	2.1	16		ug/kg	2.1	
Heptachlor	18		ug/kg	2.1	17		ug/kg	2.1	
Aldrin	14		ug/kg	2.1	14		ug/kg	2.1	
Heptachlor epoxide	2.1	U	ug/kg	2.1	2.1	U	ug/kg	2.1	
Endosulfan I	2.1	U	ug/kg	2.1	2.1	U	ug/kg	2.1	
Dieldrin	35		ug/kg	4	36		ug/kg	4	
4,4-DDE	4	U	ug/kg	4	4	U	ug/kg	4	
Endrin	34		ug/kg	4	35		ug/kg	4	
Endosulfan II	4	U	ug/kg	4	4	U	ug/kg	4	
4,4-DDD	4	U	ug/kg	4	4	U	ug/kg	4	
Endosulfan sulfate	4	U	ug/kg	4	4	U	ug/kg	4	
4,4-DDT	36		ug/kg	4	37		ug/kg		
Methoxychlor	21	U	ug/kg	21	21	U	ug/kg	21	
Endrin ketone	4	U	ug/kg	4	4	U	ug/kg	4	
Endrin aldehyde	4	U	ug/kg	4	4	U	ug/kg	4	
alpha-Chlordane	2.1	U	ug/kg	2.1	2.1	U	ug/kg	2.1	
gamma-Chlordane	2.1	U	ug/kg	2.1	2.1	U	ug/kg	2.1	
Toxaphene	210	U	ug/kg	210	210	U	ug/kg	210	
Aroclor-1016	40	U	ug/kg	40	40	U	ug/kg	40	
Aroclor-1221	82	U	ug/kg	82	82	U	ug/kg	82	
Aroclor-1232	40	U	ug/kg	40	40	U	ug/kg	40	
Aroclor-1242	40	U	ug/kg	40	40	U	ug/kg	40	
Aroclor-1248	40	U	ug/kg	40	40	U	ug/kg	40	
Aroclor-1254	40	U	ug/kg	40	40	U	ug/kg	40	
Aroclor-1260	40	U	ug/kg	40	40	U	ug/kg	40	

U = NOT DETECTED J = ESTIMATED VALUE
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R [illegible]T IS REJECTED AND UNUSABLE

WHITING FIELD ANAL[illegible]AL RESULT REPORT
INORGANICS - METALS ----- VALIDATED RESULTS

Lab Sample Number:	22891006				22897001				22898001				22898002			
Site	WHITING				WHITING				WHITING				WHITING			
Locator	16SS0201				16SS0302				16SS0403				16SS0403A			
Collect Date:	04-OCT-92				04-OCT-92				11-SEP-92				11-SEP-92			
	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL
CLP METALS AND CYANIDE																
Aluminum	17000		mg/kg	40	15400		mg/kg	40	29000		mg/kg	40	19500		mg/kg	40
Antimony	2.5	J	mg/kg	12	2.4	U	mg/kg	12	2.6	UJ	mg/kg	12	2.6	UJ	mg/kg	12
Arsenic	2.7		mg/kg	2	1.5	J	mg/kg	2	5.1	J	mg/kg	2	5.8	J	mg/kg	2
Barium	36	J	mg/kg	40	35	J	mg/kg	40	21	J	mg/kg	40	19	J	mg/kg	40
Beryllium	.18	J	mg/kg	1	.21	J	mg/kg	1	.23	J	mg/kg	1	.29	J	mg/kg	1
Cadmium	2.4	J	mg/kg	1	.67	U	mg/kg	1	.74	U	mg/kg	1	.73	U	mg/kg	1
Calcium	877	J	mg/kg	1000	254	J	mg/kg	1000	478	UJ	mg/kg	1000	542	UJ	mg/kg	1000
Chromium	16.6		mg/kg	2	10.5		mg/kg	2	32.5	J	mg/kg	2	27.3	J	mg/kg	2
Cobalt	1.1	J	mg/kg	10	1.2	J	mg/kg	10	2.4	J	mg/kg	10	1.4	J	mg/kg	10
Copper	16.2		mg/kg	5	4.8	J	mg/kg	5	13.7		mg/kg	5	7.9		mg/kg	5
Iron	8440		mg/kg	20	6670		mg/kg	20	21700		mg/kg	20	17600		mg/kg	20
Lead	74.6		mg/kg	1	6.8		mg/kg	1	17.3	J	mg/kg	1	14.6	J	mg/kg	1
Magnesium	243	J	mg/kg	1000	293	J	mg/kg	1000	211	J	mg/kg	1000	185	J	mg/kg	1000
Manganese	93.1		mg/kg	3	231		mg/kg	3	54		mg/kg	3	39.9		mg/kg	3
Mercury	.29	J	mg/kg	.1	.43	J	mg/kg	.1	.14	UJ	mg/kg	.1	.1	UJ	mg/kg	.1
Nickel	4.4	J	mg/kg	8	4.4	J	mg/kg	8	4.4	J	mg/kg	8	2.3	J	mg/kg	8
Potassium	258	J	mg/kg	1000	153	U	mg/kg	1000	270	J	mg/kg	1000	356	J	mg/kg	1000
Selenium	.47	U	mg/kg	1	.47	U	mg/kg	1	.51	R	mg/kg	1	.51	R	mg/kg	1
Silver	.79	J	mg/kg	2	.46	U	mg/kg	2	.64	UJ	mg/kg	2	.7	UJ	mg/kg	2
Sodium	243	J	mg/kg	1000	207	J	mg/kg	1000	223	UJ	mg/kg	1000	225	UJ	mg/kg	1000
Thallium	.35	U	mg/kg	2	.36	U	mg/kg	2	.39	UJ	mg/kg	2	.39	UJ	mg/kg	2
Vanadium	25		mg/kg	10	19.1		mg/kg	10	63.3		mg/kg	10	67.5		mg/kg	10
Zinc	122		mg/kg	4	10.6	J	mg/kg	4	43	J	mg/kg	4	28	J	mg/kg	4
Cyanide	.09	U	mg/kg	1	.09	UJ	mg/kg	1	.1	R	mg/kg	1	.1	R	mg/kg	1

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WHITING FIELD ANALYTICAL RESULT REPORT

SITE 16 ---- TEST PITTING -- VOLATILES ---- VALIDATED RESULTS

Lab Sample Number:	22910001				22910004				22910002				22910003			
Site	WHITING				WHITING				WHITING				WHITING			
Locator	16-SS-06-04				16-SS-10-05				SS-RB-04				SS-TB-03			
Collect Date:	05-OCT-92				06-OCT-92				06-OCT-92				06-OCT-92			
	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL
LP VOLATILES 90-SOW																
Chloromethane	12	U	ug/kg	12	11	U	ug/kg	11	10	UJ	ug/l	10	10	UJ	ug/l	10
Bromomethane	12	U	ug/kg	12	11	U	ug/kg	11	10	U	ug/l	10	10	U	ug/l	10
Vinyl chloride	12	U	ug/kg	12	11	U	ug/kg	11	10	UJ	ug/l	10	10	UJ	ug/l	10
Chloroethane	12	U	ug/kg	12	11	U	ug/kg	11	10	U	ug/l	10	10	U	ug/l	10
Methylene chloride	19	UJ	ug/kg	12	33	UJ	ug/kg	11	2	J	ug/l	10	2	J	ug/l	10
Acetone	87	J	ug/kg	12	11	UJ	ug/kg	11	10	U	ug/l	10	10	U	ug/l	10
Carbon disulfide	1	J	ug/kg	12	5	J	ug/kg	11	10	U	ug/l	10	10	U	ug/l	10
1,1-Dichloroethene	12	U	ug/kg	12	11	U	ug/kg	11	10	U	ug/l	10	10	U	ug/l	10
1,1-Dichloroethane	12	U	ug/kg	12	11	U	ug/kg	11	10	U	ug/l	10	10	U	ug/l	10
1,2-Dichloroethene (total)	12	U	ug/kg	12	11	U	ug/kg	11	10	U	ug/l	10	10	U	ug/l	10
Chloroform	12	U	ug/kg	12	11	U	ug/kg	11	10	U	ug/l	10	10	U	ug/l	10
1,2-Dichloroethane	12	U	ug/kg	12	11	U	ug/kg	11	10	U	ug/l	10	10	U	ug/l	10
2-Butanone	19		ug/kg	12	11	U	ug/kg	11	10	U	ug/l	10	10	U	ug/l	10
1,1,1-Trichloroethane	12	U	ug/kg	12	11	U	ug/kg	11	10	U	ug/l	10	10	U	ug/l	10
Carbon tetrachloride	12	U	ug/kg	12	11	U	ug/kg	11	10	U	ug/l	10	10	U	ug/l	10
Bromodichloromethane	12	U	ug/kg	12	11	U	ug/kg	11	10	U	ug/l	10	10	U	ug/l	10
1,2-Dichloropropane	12	U	ug/kg	12	11	U	ug/kg	11	10	U	ug/l	10	10	U	ug/l	10
cis-1,3-Dichloropropene	12	U	ug/kg	12	11	U	ug/kg	11	10	U	ug/l	10	10	U	ug/l	10
Trichloroethene	12	U	ug/kg	12	11	U	ug/kg	11	10	U	ug/l	10	10	U	ug/l	10
Dibromochloromethane	12	U	ug/kg	12	11	U	ug/kg	11	10	U	ug/l	10	10	U	ug/l	10
1,1,2-Trichloroethane	12	U	ug/kg	12	11	U	ug/kg	11	10	U	ug/l	10	10	U	ug/l	10
Benzene	12	U	ug/kg	12	11	U	ug/kg	11	10	U	ug/l	10	10	U	ug/l	10
trans-1,3-Dichloropropene	12	U	ug/kg	12	11	U	ug/kg	11	10	U	ug/l	10	10	U	ug/l	10
Bromoform	12	U	ug/kg	12	11	U	ug/kg	11	10	U	ug/l	10	10	U	ug/l	10
4-Methyl-2-pentanone	12	U	ug/kg	12	11	U	ug/kg	11	10	UJ	ug/l	10	10	UJ	ug/l	10
2-Hexanone	12	U	ug/kg	12	11	U	ug/kg	11	10	U	ug/l	10	10	U	ug/l	10
Tetrachloroethene	12	U	ug/kg	12	11	U	ug/kg	11	10	U	ug/l	10	10	U	ug/l	10
Toluene	12	U	ug/kg	12	11	U	ug/kg	11	10	U	ug/l	10	10	U	ug/l	10
1,1,2,2-Tetrachloroethane	12	U	ug/kg	12	11	U	ug/kg	11	10	U	ug/l	10	10	U	ug/l	10
Chlorobenzene	12	U	ug/kg	12	11	U	ug/kg	11	10	U	ug/l	10	10	U	ug/l	10
Ethylbenzene	12	U	ug/kg	12	11	U	ug/kg	11	10	U	ug/l	10	10	U	ug/l	10
Styrene	12	U	ug/kg	12	11	U	ug/kg	11	10	U	ug/l	10	10	U	ug/l	10
Xylenes (total)	2	J	ug/kg	12	4	J	ug/kg	11	10	U	ug/l	10	10	U	ug/l	10

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WHITING FIELD ANALYTICAL RESULT REPORT

SITE 16 ---- TEST PITTING --- SEMIVOLATILES ----- VALIDATED RESULTS

Lab Sample Number:	22910001				22910004				22910002			
Site	WHITING				WHITING				WHITING			
Locator	16-SS-06-04				16-SS-10-05				SS-RB-04			
Collect Date:	05-OCT-92				06-OCT-92				06-OCT-92			
	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL
LP SEMIVOLATILES 90-SOW												
Phenol	410	U	ug/kg	410	380	U	ug/kg	380	10	U	ug/l	10
bis(2-Chloroethyl) ether	410	U	ug/kg	410	380	U	ug/kg	380	10	U	ug/l	10
2-Chlorophenol	410	U	ug/kg	410	380	U	ug/kg	380	10	U	ug/l	10
1,3-Dichlorobenzene	410	U	ug/kg	410	380	U	ug/kg	380	10	U	ug/l	10
1,4-Dichlorobenzene	410	U	ug/kg	410	380	U	ug/kg	380	10	U	ug/l	10
1,2-Dichlorobenzene	410	U	ug/kg	410	380	U	ug/kg	380	10	U	ug/l	10
2-Methylphenol	410	U	ug/kg	410	380	U	ug/kg	380	10	U	ug/l	10
2,2-oxybis(1-Chloropropane)	410	U	ug/kg	410	380	U	ug/kg	380	10	U	ug/l	10
4-Methylphenol	410	U	ug/kg	410	380	U	ug/kg	380	10	U	ug/l	10
N-Nitroso-di-n-propylamine	410	U	ug/kg	410	380	U	ug/kg	380	10	U	ug/l	10
Hexachloroethane	410	U	ug/kg	410	380	U	ug/kg	380	10	U	ug/l	10
Nitrobenzene	410	UJ	ug/kg	410	380	UJ	ug/kg	380	10	U	ug/l	10
Isophorone	410	UJ	ug/kg	410	380	UJ	ug/kg	380	10	U	ug/l	10
2-Nitrophenol	410	U	ug/kg	410	380	U	ug/kg	380	10	U	ug/l	10
2,4-Dimethylphenol	410	U	ug/kg	410	380	U	ug/kg	380	10	U	ug/l	10
bis(2-Chloroethoxy) methane	410	U	ug/kg	410	380	U	ug/kg	380	10	U	ug/l	10
2,4-Dichlorophenol	410	U	ug/kg	410	380	U	ug/kg	380	10	U	ug/l	10
1,2,4-Trichlorobenzene	410	U	ug/kg	410	380	U	ug/kg	380	10	U	ug/l	10
Naphthalene	410	U	ug/kg	410	380	U	ug/kg	380	10	U	ug/l	10
4-Chloroaniline	410	U	ug/kg	410	380	U	ug/kg	380	10	U	ug/l	10
Hexachlorobutadiene	410	U	ug/kg	410	380	U	ug/kg	380	10	U	ug/l	10
4-Chloro-3-methylphenol	410	U	ug/kg	410	380	U	ug/kg	380	10	U	ug/l	10
2-Methylnaphthalene	410	U	ug/kg	410	380	U	ug/kg	380	10	U	ug/l	10
Hexachlorocyclopentadiene	410	U	ug/kg	410	380	U	ug/kg	380	10	U	ug/l	10
2,4,6-Trichlorophenol	410	U	ug/kg	410	380	U	ug/kg	380	10	U	ug/l	10
2,4,5-Trichlorophenol	990	U	ug/kg	990	920	U	ug/kg	920	25	U	ug/l	25
2-Chloronaphthalene	410	U	ug/kg	410	380	U	ug/kg	380	10	U	ug/l	10
2-Nitroaniline	990	U	ug/kg	990	920	U	ug/kg	920	25	U	ug/l	25
Dimethylphthalate	410	U	ug/kg	410	380	U	ug/kg	380	10	U	ug/l	10
Acenaphthylene	410	U	ug/kg	410	380	U	ug/kg	380	10	U	ug/l	10
2,6-Dinitrotoluene	410	UJ	ug/kg	410	380	UJ	ug/kg	380	10	U	ug/l	10
3-Nitroaniline	990	U	ug/kg	990	920	U	ug/kg	920	25	U	ug/l	25
Acenaphthene	77	J	ug/kg	410	380	U	ug/kg	380	10	U	ug/l	10
2,4-Dinitrophenol	990	U	ug/kg	990	920	U	ug/kg	920	25	U	ug/l	25
4-Nitrophenol	990	U	ug/kg	990	920	U	ug/kg	920	25	U	ug/l	25
Dibenzofuran	410	U	ug/kg	410	380	U	ug/kg	380	10	U	ug/l	10
2,4-Dinitrotoluene	410	UJ	ug/kg	410	380	UJ	ug/kg	380	10	U	ug/l	10
Diethylphthalate	410	U	ug/kg	410	380	U	ug/kg	380	10	U	ug/l	10
4-Chlorophenyl-phenylether	410	U	ug/kg	410	380	U	ug/kg	380	10	U	ug/l	10
Fluorene	110	J	ug/kg	410	380	U	ug/kg	380	10	U	ug/l	10
4-Nitroaniline	990	U	ug/kg	990	920	U	ug/kg	920	25	U	ug/l	25
4,6-Dinitro-2-methylphenol	990	U	ug/kg	990	920	U	ug/kg	920	25	U	ug/l	25
N-Nitrosodiphenylamine (1)	410	U	ug/kg	410	380	U	ug/kg	380	10	U	ug/l	10
4-Bromophenyl-phenylether	410	U	ug/kg	410	380	U	ug/kg	380	10	U	ug/l	10
Hexachlorobenzene	410	U	ug/kg	410	380	U	ug/kg	380	10	U	ug/l	10
Pentachlorophenol	990	U	ug/kg	990	920	U	ug/kg	920	25	U	ug/l	25
Phenanthrene	340	J	ug/kg	410	380	U	ug/kg	380	10	U	ug/l	10
Anthracene	410	U	ug/kg	410	380	U	ug/kg	380	10	U	ug/l	10
Carbazole	410	U	ug/kg	410	380	U	ug/kg	380	10	U	ug/l	10
Di-n-butylphthalate	410	UJ	ug/kg	410	380	UJ	ug/kg	380	12	B	ug/l	10
Fluoranthene	270	J	ug/kg	410	380	U	ug/kg	380	10	U	ug/l	10
Pyrene	190	J	ug/kg	410	380	U	ug/kg	380	10	U	ug/l	10
Butylbenzylphthalate	410	U	ug/kg	410	380	U	ug/kg	380	10	U	ug/l	10

WHITING FIELD ANAL; .AL RESULT REPORT
SITE 16 ---- TEST PITTING --- SEMIVOLATILES ----- VALIDATED RESULTS

Lab Sample Number:	22910001				22910004				22910002			
Site	WHITING				WHITING				WHITING			
Locator	16-SS-06-04				16-SS-10-05				SS-RB-04			
Collect Date:	05-OCT-92				06-OCT-92				06-OCT-92			
	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL
3,3-Dichlorobenzidine	410	U	ug/kg	410	380	U	ug/kg	380	10	U	ug/l	10
Benzo (a) anthracene	410	U	ug/kg	410	380	U	ug/kg	380	10	U	ug/l	10
Chrysene	410	U	ug/kg	410	380	U	ug/kg	380	10	U	ug/l	10
bis(2-Ethylhexyl) phthalate	150	J	ug/kg	410	39	J	ug/kg	380	10	U	ug/l	10
Di-n-octylphthalate	410	U	ug/kg	410	380	U	ug/kg	380	10	U	ug/l	10
Benzo (b) fluoranthene	77	J	ug/kg	410	380	U	ug/kg	380	10	U	ug/l	10
Benzo (k) fluoranthene	48	J	ug/kg	410	380	U	ug/kg	380	10	U	ug/l	10
Benzo (a) pyrene	44	J	ug/kg	410	380	U	ug/kg	380	10	U	ug/l	10
Indeno (1,2,3-cd) pyrene	410	U	ug/kg	410	380	U	ug/kg	380	10	U	ug/l	10
Dibenz (a,h) anthracene	410	U	ug/kg	410	380	U	ug/kg	380	10	U	ug/l	10
Benzo (g,h,i) perylene	410	U	ug/kg	410	380	U	ug/kg	380	10	U	ug/l	10

U = NOT DETECTED J = ESTIMATED VALUE
UJ= RTED QUANTITATION LIMIT IS QUALIFIED AS ESTIMATED
R LT IS REJECTED AND UNUSABLE

WHITING FIELD ANALYTICAL RESULT REPORT

SITE 16 --- TEST PITTING --- PESTICIDES AND PCBS ----- VALIDATED RESULTS

Lab Sample Number:	22910001				22910004				22910002			
Site	WHITING				WHITING				WHITING			
Locator	16-SS-06-04				16-SS-10-05				SS-RB-04			
Collect Date:	05-OCT-92				06-OCT-92				06-OCT-92			
	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL
CLP PESTICIDES/PCBS 90-SOW												
alpha-BHC	2.1	UJ	ug/kg	2.1	3.9	U	ug/kg	3.9	.05	UJ	ug/l	.05
beta-BHC	2.1	UJ	ug/kg	2.1	3.9	U	ug/kg	3.9	.05	UJ	ug/l	.05
delta-BHC	2.1	UJ	ug/kg	2.1	3.9	U	ug/kg	3.9	.05	UJ	ug/l	.05
gamma-BHC (Lindane)	2.1	UJ	ug/kg	2.1	3.9	U	ug/kg	3.9	.05	UJ	ug/l	.05
Heptachlor	2.1	UJ	ug/kg	2.1	3.9	U	ug/kg	3.9	.05	UJ	ug/l	.05
Aldrin	2.1	UJ	ug/kg	2.1	3.9	U	ug/kg	3.9	.05	UJ	ug/l	.05
Heptachlor epoxide	2.1	UJ	ug/kg	2.1	3.9	U	ug/kg	3.9	.05	UJ	ug/l	.05
Endosulfan I	2.1	UJ	ug/kg	2.1	3.9	U	ug/kg	3.9	.05	UJ	ug/l	.05
Dieldrin	4.1	UJ	ug/kg	4.1	7.6	U	ug/kg	7.6	.1	UJ	ug/l	.1
4,4-DDE	30	J	ug/kg	4	83		ug/kg	8	.1	UJ	ug/l	.1
Endrin	4.1	UJ	ug/kg	4.1	7.6	U	ug/kg	7.6	.1	UJ	ug/l	.1
Endosulfan II	4.1	UJ	ug/kg	4.1	7.6	U	ug/kg	7.6	.1	UJ	ug/l	.1
4,4-DDD	36	J	ug/kg	4	4.9	J	ug/kg	8	.1	UJ	ug/l	.1
Endosulfan sulfate	4.1	UJ	ug/kg	4.1	7.6	U	ug/kg	7.6	.1	UJ	ug/l	.1
4,4-DDT	5.7	J	ug/kg	4	52		ug/kg	8	.1	UJ	ug/l	.1
Methoxychlor	21	UJ	ug/kg	21	39	U	ug/kg	39	.5	UJ	ug/l	.5
Endrin ketone	4.1	UJ	ug/kg	4.1	7.6	U	ug/kg	7.6	.1	UJ	ug/l	.1
Endrin aldehyde	4.1	UJ	ug/kg	4.1	7.6	U	ug/kg	7.6	.1	UJ	ug/l	.1
alpha-Chlordane	2.1	UJ	ug/kg	2.1	3.9	U	ug/kg	3.9	.05	UJ	ug/l	.05
gamma-Chlordane	2.1	UJ	ug/kg	2.1	3.9	U	ug/kg	3.9	.05	UJ	ug/l	.05
Toxaphene	210	UJ	ug/kg	210	390	U	ug/kg	390	5	UJ	ug/l	5
Aroclor-1016	41	UJ	ug/kg	41	76	U	ug/kg	76	1	UJ	ug/l	1
Aroclor-1221	83	UJ	ug/kg	83	150	U	ug/kg	150	2	UJ	ug/l	2
Aroclor-1232	41	UJ	ug/kg	41	76	U	ug/kg	76	1	UJ	ug/l	1
Aroclor-1242	41	UJ	ug/kg	41	76	U	ug/kg	76	1	UJ	ug/l	1
Aroclor-1248	41	UJ	ug/kg	41	76	U	ug/kg	76	1	UJ	ug/l	1
Aroclor-1254	41	UJ	ug/kg	41	76	U	ug/kg	76	1	UJ	ug/l	1
Aroclor-1260	41	UJ	ug/kg	41	76	U	ug/kg	76	1	UJ	ug/l	1

U = NOT DETECTED J = ESTIMATED VALUE
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R = RESULT IS REJECTED AND UNUSABLE

WHITING FIELD ANALYTICAL RESULT REPORT
SITE 16 -- TEST PITTING -- METALS AND CYANIDE ----- VALIDATED RESULTS

	Lab Sample Number:	22910001				22910004				22910002			
	Site	WHITING				WHITING				WHITING			
	Locator	16-SS-06-04				16-SS-10-05				SS-RB-04			
	Collect Date:	05-OCT-92				06-OCT-92				06-OCT-92			
		VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL
CLP METALS AND CYANIDE													
Aluminum		11000		mg/kg	40	17300		mg/kg	40	22.2	U	ug/l	200
Antimony		6.7	J	mg/kg	12	5.9	J	mg/kg	12	10.7	U	ug/l	60
Arsenic		15.1		mg/kg	2	11		mg/kg	2	1.2	J	ug/l	10
Barium		175		mg/kg	40	122		mg/kg	40	.46	U	ug/l	200
Beryllium		.19	J	mg/kg	1	.19	J	mg/kg	1	.22	U	ug/l	5
Cadmium		9		mg/kg	1	8.7		mg/kg	1	3	U	ug/l	5
Calcium		5870		mg/kg	1000	1370		mg/kg	1000	939	J	ug/l	5000
Chromium		24.7		mg/kg	2	36.9		mg/kg	2	2.9	U	ug/l	10
Cobalt		4.5	J	mg/kg	10	9.6	J	mg/kg	10	3.3	U	ug/l	50
Copper		143		mg/kg	5	3620		mg/kg	5	2.3	U	ug/l	25
Iron		37500		mg/kg	20	74800		mg/kg	20	39.4	J	ug/l	100
Lead		766		mg/kg	1	567		mg/kg	1	.71	U	ug/l	5
Magnesium		586	J	mg/kg	1000	400	J	mg/kg	1000	51	U	ug/l	5000
Manganese		297		mg/kg	3	638		mg/kg	3	1.1	U	ug/l	15
Mercury		.25	J	mg/kg	.1	.17	J	mg/kg	.1	.03	U	ug/l	.2
Nickel		24.3		mg/kg	8	35.9		mg/kg	8	5.3	U	ug/l	40
Potassium		412	J	mg/kg	1000	166	J	mg/kg	1000	677	U	ug/l	5000
Selenium		.55	U	mg/kg	1	.48	U	mg/kg	1	2.1	U	ug/l	5
Silver		4.3		mg/kg	2	3.4		mg/kg	2	2	U	ug/l	10
Sodium		514	J	mg/kg	1000	332	J	mg/kg	1000	762	J	ug/l	5000
Thallium		.42	U	mg/kg	2	.37	U	mg/kg	2	1.6	U	ug/l	10
Vanadium		19		mg/kg	10	27.9		mg/kg	10	2.6	U	ug/l	50
Zinc		518		mg/kg	4	895		mg/kg	4	9.6	U	ug/l	20
Cyanide		.11	U	mg/kg	1	.14	J	mg/kg	1	.84	U	ug/l	10

U = NOT DETECTED J = ESTIMATED VALUE
U = REPORTED QUANTITATION LIMIT IS QUALIFIED AS ESTIMATED
R = RESULT IS REJECTED AND UNUSABLE

SITE FIELD QC

WHITING FIELD ANALYTICAL RESULT REPORT
SEMIVOLATILES ----- VALIDATED RESULTS

Lab Sample Number:	22889001				22891001				22891005				22927001			
Site	WHITING				WHITING				WHITING				WHITING			
Locator	SSRB01				SSRB02				SSRB03				SSRB05			
Collect Date:	03-OCT-92				04-OCT-92				04-OCT-92				06-OCT-92			
	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL
CLP SEMIVOLATILES 90-SOW																
Phenol	10	U	ug/l	10	10	U	ug/l	10	10	U	ug/l	10	10	U	ug/l	10
bis(2-Chloroethyl) ether	10	U	ug/l	10	10	U	ug/l	10	10	U	ug/l	10	10	U	ug/l	10
2-Chlorophenol	10	U	ug/l	10	10	U	ug/l	10	10	U	ug/l	10	10	U	ug/l	10
1,3-Dichlorobenzene	10	U	ug/l	10	10	U	ug/l	10	10	U	ug/l	10	10	U	ug/l	10
1,4-Dichlorobenzene	10	U	ug/l	10	10	U	ug/l	10	10	U	ug/l	10	10	U	ug/l	10
1,2-Dichlorobenzene	10	U	ug/l	10	10	U	ug/l	10	10	U	ug/l	10	10	U	ug/l	10
2-Methylphenol	10	U	ug/l	10	10	U	ug/l	10	10	U	ug/l	10	10	U	ug/l	10
2,2-oxybis(1-Chloropropane)	10	U	ug/l	10	10	U	ug/l	10	10	U	ug/l	10	10	U	ug/l	10
4-Methylphenol	10	U	ug/l	10	10	U	ug/l	10	10	U	ug/l	10	10	U	ug/l	10
N-Nitroso-di-n-propylamine	10	U	ug/l	10	10	U	ug/l	10	10	U	ug/l	10	10	U	ug/l	10
Hexachloroethane	10	U	ug/l	10	10	U	ug/l	10	10	U	ug/l	10	10	U	ug/l	10
Nitrobenzene	10	U	ug/l	10	10	U	ug/l	10	10	U	ug/l	10	10	UJ	ug/l	10
Isophorone	10	UJ	ug/l	10	10	UJ	ug/l	10	10	UJ	ug/l	10	10	UJ	ug/l	10
2-Nitrophenol	10	U	ug/l	10	10	U	ug/l	10	10	U	ug/l	10	10	U	ug/l	10
2,4-Dimethylphenol	10	U	ug/l	10	10	U	ug/l	10	10	U	ug/l	10	10	U	ug/l	10
bis(2-Chloroethoxy) methane	10	U	ug/l	10	10	U	ug/l	10	10	U	ug/l	10	10	U	ug/l	10
2,4-Dichlorophenol	10	U	ug/l	10	10	U	ug/l	10	10	U	ug/l	10	10	U	ug/l	10
1,2,4-Trichlorobenzene	10	U	ug/l	10	10	U	ug/l	10	10	U	ug/l	10	10	U	ug/l	10
Naphthalene	10	U	ug/l	10	10	U	ug/l	10	10	U	ug/l	10	10	U	ug/l	10
4-Chloroaniline	10	U	ug/l	10	10	U	ug/l	10	10	U	ug/l	10	10	U	ug/l	10
Hexachlorobutadiene	10	U	ug/l	10	10	U	ug/l	10	10	U	ug/l	10	10	U	ug/l	10
4-Chloro-3-methylphenol	10	U	ug/l	10	10	U	ug/l	10	10	U	ug/l	10	10	U	ug/l	10
2-Methylnaphthalene	10	U	ug/l	10	10	U	ug/l	10	10	U	ug/l	10	10	U	ug/l	10
Hexachlorocyclopentadiene	10	U	ug/l	10	10	U	ug/l	10	10	U	ug/l	10	10	U	ug/l	10
2,4,6-Trichlorophenol	10	U	ug/l	10	10	U	ug/l	10	10	U	ug/l	10	10	U	ug/l	10
2,4,5-Trichlorophenol	25	U	ug/l	25	25	U	ug/l	25	25	U	ug/l	25	25	U	ug/l	25
2-Chloronaphthalene	10	U	ug/l	10	10	U	ug/l	10	10	U	ug/l	10	10	U	ug/l	10
2-Nitroaniline	25	U	ug/l	25	25	U	ug/l	25	25	U	ug/l	25	25	U	ug/l	25
Dimethylphthalate	10	U	ug/l	10	10	U	ug/l	10	10	U	ug/l	10	10	U	ug/l	10
Acenaphthylene	10	U	ug/l	10	10	U	ug/l	10	10	U	ug/l	10	10	U	ug/l	10
2,6-Dinitrotoluene	10	U	ug/l	10	10	U	ug/l	10	10	U	ug/l	10	10	UJ	ug/l	10
3-Nitroaniline	25	U	ug/l	25	25	U	ug/l	25	25	U	ug/l	25	25	UJ	ug/l	25
Acenaphthene	10	U	ug/l	10	10	U	ug/l	10	10	U	ug/l	10	10	U	ug/l	10
2,4-Dinitrophenol	25	U	ug/l	25	25	U	ug/l	25	25	U	ug/l	25	25	UJ	ug/l	25
4-Nitrophenol	25	UJ	ug/l	25	25	UJ	ug/l	25	25	UJ	ug/l	25	25	U	ug/l	25
Dibenzofuran	10	U	ug/l	10	10	U	ug/l	10	10	U	ug/l	10	10	U	ug/l	10
2,4-Dinitrotoluene	10	U	ug/l	10	10	U	ug/l	10	10	U	ug/l	10	10	UJ	ug/l	10
Diethylphthalate	10	U	ug/l	10	10	U	ug/l	10	10	U	ug/l	10	10	U	ug/l	10
4-Chlorophenyl-phenylether	10	U	ug/l	10	10	U	ug/l	10	10	U	ug/l	10	10	U	ug/l	10
Fluorene	10	U	ug/l	10	10	U	ug/l	10	10	U	ug/l	10	10	U	ug/l	10
4-Nitroaniline	25	U	ug/l	25	25	U	ug/l	25	25	U	ug/l	25	25	UJ	ug/l	25
4,6-Dinitro-2-methylphenol	25	U	ug/l	25	25	U	ug/l	25	25	U	ug/l	25	25	U	ug/l	25
N-Nitrosodiphenylamine (1)	10	U	ug/l	10	10	U	ug/l	10	10	U	ug/l	10	10	U	ug/l	10
4-Bromophenyl-phenylether	10	U	ug/l	10	10	U	ug/l	10	10	U	ug/l	10	10	U	ug/l	10
Hexachlorobenzene	10	U	ug/l	10	10	U	ug/l	10	10	U	ug/l	10	10	U	ug/l	10
Pentachlorophenol	25	U	ug/l	25	25	U	ug/l	25	25	U	ug/l	25	25	U	ug/l	25
Phenanthrene	10	U	ug/l	10	10	U	ug/l	10	10	U	ug/l	10	10	U	ug/l	10
Anthracene	10	U	ug/l	10	10	U	ug/l	10	10	U	ug/l	10	10	U	ug/l	10
Carbazole	10	U	ug/l	10	10	U	ug/l	10	10	U	ug/l	10	10	UJ	ug/l	10
Di-n-butylphthalate	21	UJ	ug/l	10	17	UJ	ug/l	10	23	UJ	ug/l	10	19	UJ	ug/l	10
Fluoranthene	10	U	ug/l	10	10	U	ug/l	10	10	U	ug/l	10	10	U	ug/l	10
Pyrene	10	U	ug/l	10	10	U	ug/l	10	10	U	ug/l	10	10	U	ug/l	10
Butylbenzylphthalate	10	UJ	ug/l	10	10	UJ	ug/l	10	10	UJ	ug/l	10	10	U	ug/l	10

WHITING FIELD ANAL AL RESULT REPORT
SEMIVOLATILES ----- VALIDATED RESULTS

Lab Sample Number:	22889001				22891001				22891005				22927001					
Site	WHITING				WHITING				WHITING				WHITING					
Locator	SSRB01				SSRB02				SSRB03				SSRB05					
Collect Date:	03-OCT-92				04-OCT-92				04-OCT-92				06-OCT-92					
	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL		
3,3-Dichlorobenzidine	10	UJ	ug/l	10	10	UJ	ug/l	10	10	UJ	ug/l	10	10	U	ug/l	10		
Benzo (a) anthracene	10	U	ug/l	10	10	U	ug/l	10	10	U	ug/l	10	10	U	ug/l	10		
Chrysene	10	U	ug/l	10	10	U	ug/l	10	10	U	ug/l	10	10	U	ug/l	10		
bis(2-Ethylhexyl) phthalate	10	UJ	ug/l	10	10	UJ	ug/l	10	10	UJ	ug/l	10	10	UJ	ug/l	10		
Di-n-octylphthalate	10	U	ug/l	10	10	U	ug/l	10	10	U	ug/l	10	10	U	ug/l	10		
Benzo (b) fluoranthene	10	U	ug/l	10	10	U	ug/l	10	10	U	ug/l	10	10	U	ug/l	10		
Benzo (k) fluoranthene	10	U	ug/l	10	10	U	ug/l	10	10	U	ug/l	10	10	UJ	ug/l	10		
Benzo (a) pyrene	10	U	ug/l	10	10	U	ug/l	10	10	U	ug/l	10	10	U	ug/l	10		
Indeno (1,2,3-cd) pyrene	10	U	ug/l	10	10	U	ug/l	10	10	U	ug/l	10	10	U	ug/l	10		
Dibenz (a,h) anthracene	10	U	ug/l	10	10	U	ug/l	10	10	U	ug/l	10	10	U	ug/l	10		
Benzo (g,h,i) perylene	10	U	ug/l	10	10	U	ug/l	10	10	U	ug/l	10	10	U	ug/l	10		

U = NOT DETECTED J = ESTIMATED VALUE
UJ = REPORTED QUANTITATION LIMIT IS QUALIFIED AS ESTIMATED
R = RESULT IS REJECTED AND UNUSABLE

WHITING FIELD ANAL..ICAL RESULT REPORT
SEMIVOLATILES ----- VALIDATED RESULTS

Lab Sample Number:	22927007				22935006			
Site	WHITING				WHITING			
Locator	SSRB06				SSRB07			
Collect Date:	06-OCT-92				08-OCT-92			
	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL
CLP SEMIVOLATILES 90-SOW								
Phenol	10	U	ug/l	10	10	U	ug/l	10
bis(2-Chloroethyl) ether	10	U	ug/l	10	10	U	ug/l	10
2-Chlorophenol	10	U	ug/l	10	10	U	ug/l	10
1,3-Dichlorobenzene	10	U	ug/l	10	10	U	ug/l	10
1,4-Dichlorobenzene	10	U	ug/l	10	10	U	ug/l	10
1,2-Dichlorobenzene	10	U	ug/l	10	10	U	ug/l	10
2-Methylphenol	10	U	ug/l	10	10	U	ug/l	10
2,2-oxybis(1-Chloropropane)	10	U	ug/l	10	10	U	ug/l	10
4-Methylphenol	10	U	ug/l	10	10	U	ug/l	10
N-Nitroso-di-n-propylamine	10	U	ug/l	10	10	U	ug/l	10
Hexachloroethane	10	U	ug/l	10	10	U	ug/l	10
Nitrobenzene	10	U	ug/l	10	10	U	ug/l	10
Isophorone	10	U	ug/l	10	10	U	ug/l	10
2-Nitrophenol	10	U	ug/l	10	10	U	ug/l	10
2,4-Dimethylphenol	10	U	ug/l	10	10	U	ug/l	10
bis(2-Chloroethoxy) methane	10	U	ug/l	10	10	U	ug/l	10
2,4-Dichlorophenol	10	U	ug/l	10	10	U	ug/l	10
1,2,4-Trichlorobenzene	10	U	ug/l	10	10	U	ug/l	10
Naphthalene	10	U	ug/l	10	10	U	ug/l	10
4-Chloroaniline	10	U	ug/l	10	10	U	ug/l	10
Hexachlorobutadiene	10	U	ug/l	10	10	U	ug/l	10
4-Chloro-3-methylphenol	10	U	ug/l	10	10	U	ug/l	10
2-Methylnaphthalene	10	U	ug/l	10	10	U	ug/l	10
Hexachlorocyclopentadiene	10	U	ug/l	10	10	U	ug/l	10
2,4,6-Trichlorophenol	10	U	ug/l	10	10	U	ug/l	10
2,4,5-Trichlorophenol	25	U	ug/l	25	25	U	ug/l	25
2-Chloronaphthalene	10	U	ug/l	10	10	U	ug/l	10
2-Nitroaniline	25	U	ug/l	25	25	U	ug/l	25
Dimethylphthalate	10	U	ug/l	10	10	U	ug/l	10
Acenaphthylene	10	U	ug/l	10	10	U	ug/l	10
2,6-Dinitrotoluene	10	U	ug/l	10	10	U	ug/l	10
3-Nitroaniline	25	U	ug/l	25	25	U	ug/l	25
Acenaphthene	10	U	ug/l	10	10	U	ug/l	10
2,4-Dinitrophenol	25	UJ	ug/l	25	25	UJ	ug/l	25
4-Nitrophenol	25	UJ	ug/l	25	25	UJ	ug/l	25
Dibenzofuran	10	U	ug/l	10	10	U	ug/l	10
2,4-Dinitrotoluene	10	U	ug/l	10	10	U	ug/l	10
Diethylphthalate	10	U	ug/l	10	10	U	ug/l	10
4-Chlorophenyl-phenylether	10	U	ug/l	10	10	U	ug/l	10
Fluorene	10	U	ug/l	10	10	U	ug/l	10
4-Nitroaniline	25	UJ	ug/l	25	25	UJ	ug/l	25
4,6-Dinitro-2-methylphenol	25	UJ	ug/l	25	25	UJ	ug/l	25
N-Nitrosodiphenylamine (1)	10	U	ug/l	10	10	U	ug/l	10
4-Bromophenyl-phenylether	10	U	ug/l	10	10	U	ug/l	10
Hexachlorobenzene	10	U	ug/l	10	10	U	ug/l	10
Pentachlorophenol	25	U	ug/l	25	25	U	ug/l	25
Phenanthrene	10	U	ug/l	10	10	U	ug/l	10
Anthracene	10	U	ug/l	10	10	U	ug/l	10
Carbazole	10	U	ug/l	10	10	U	ug/l	10
Di-n-butylphthalate	19	UJ	ug/l	10	22	UJ	ug/l	10
Fluoranthene	10	U	ug/l	10	10	U	ug/l	10
Pyrene	10	U	ug/l	10	10	U	ug/l	10

WHITING FIELD ANAL. .AL RESULT REPORT
SEMIVOLATILES ----- VALIDATED RESULTS

Lab Sample Number:	22927007				22935006				
Site	WHITING				WHITING				
Locator	SSRB06				SSRB07				
Collect Date:	06-OCT-92				08-OCT-92				
	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	
Butylbenzylphthalate	10	U	ug/l	10	10	U	ug/l	10	
3,3-Dichlorobenzidine	10	UJ	ug/l	10	10	UJ	ug/l	10	
Benzo (a) anthracene	10	U	ug/l	10	10	U	ug/l	10	
Chrysene	10	U	ug/l	10	10	U	ug/l	10	
bis(2-Ethylhexyl) phthalate	10	U	ug/l	10	10	U	ug/l	10	
Di-n-octylphthalate	10	U	ug/l	10	10	U	ug/l	10	
Benzo (b) fluoranthene	10	U	ug/l	10	10	U	ug/l	10	
Benzo (k) fluoranthene	10	UJ	ug/l	10	10	U	ug/l	10	
Benzo (a) pyrene	10	U	ug/l	10	10	U	ug/l	10	
Indeno (1,2,3-cd) pyrene	10	U	ug/l	10	10	U	ug/l	10	
Dibenz (a,h) anthracene	10	U	ug/l	10	10	U	ug/l	10	
Benzo (g,h,i) perylene	10	U	ug/l	10	10	U	ug/l	10	

U = NOT DETECTED J = ESTIMATED VALUE
UJ= ORTED QUANTITATION LIMIT IS QUALIFIED AS ESTIMATED
R ILT IS REJECTED AND UNUSABLE

WHITING FIELD ANAL .CAL RESULT REPORT
PESTICIDES AND PCBs ----- VALIDATED RESULTS

Lab Sample Number:	22889001				22891001				22891005				22927001			
Site	WHITING				WHITING				WHITING				WHITING			
Locator	SSRB01				SSRB02				SSRB03				SSRB05			
Collect Date:	03-OCT-92				04-OCT-92				04-OCT-92				06-OCT-92			
	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL
CLP PESTICIDES/PCBS 90-SOW																
alpha-BHC	.05	U	ug/l	.05	.05	U	ug/l	.05	.05	U	ug/l	.05	.05	U	ug/l	.05
beta-BHC	.05	U	ug/l	.05	.05	U	ug/l	.05	.05	U	ug/l	.05	.05	U	ug/l	.05
delta-BHC	.05	U	ug/l	.05	.05	U	ug/l	.05	.05	U	ug/l	.05	.05	U	ug/l	.05
gamma-BHC (Lindane)	.05	U	ug/l	.05	.05	U	ug/l	.05	.05	U	ug/l	.05	.05	U	ug/l	.05
Heptachlor	.05	U	ug/l	.05	.05	U	ug/l	.05	.05	U	ug/l	.05	.05	U	ug/l	.05
Aldrin	.05	U	ug/l	.05	.05	U	ug/l	.05	.05	U	ug/l	.05	.05	U	ug/l	.05
Heptachlor epoxide	.05	U	ug/l	.05	.05	U	ug/l	.05	.05	U	ug/l	.05	.05	U	ug/l	.05
Endosulfan I	.05	U	ug/l	.05	.05	U	ug/l	.05	.05	U	ug/l	.05	.05	U	ug/l	.05
Dieldrin	.1	U	ug/l	.1	.1	U	ug/l	.1	.1	U	ug/l	.1	.1	U	ug/l	.1
4,4-DDE	.1	U	ug/l	.1	.1	U	ug/l	.1	.1	U	ug/l	.1	.1	U	ug/l	.1
Endrin	.1	U	ug/l	.1	.1	U	ug/l	.1	.1	U	ug/l	.1	.1	U	ug/l	.1
Endosulfan II	.1	U	ug/l	.1	.1	U	ug/l	.1	.1	U	ug/l	.1	.1	U	ug/l	.1
4,4-DDD	.1	U	ug/l	.1	.1	U	ug/l	.1	.1	U	ug/l	.1	.1	U	ug/l	.1
Endosulfan sulfate	.1	U	ug/l	.1	.1	U	ug/l	.1	.1	U	ug/l	.1	.1	U	ug/l	.1
4,4-DDT	.1	U	ug/l	.1	.1	U	ug/l	.1	.1	U	ug/l	.1	.1	U	ug/l	.1
Methoxychlor	.5	U	ug/l	.5	.5	U	ug/l	.5	.5	U	ug/l	.5	.5	U	ug/l	.5
Endrin ketone	.1	U	ug/l	.1	.1	U	ug/l	.1	.1	U	ug/l	.1	.1	U	ug/l	.1
Endrin aldehyde	.1	U	ug/l	.1	.1	U	ug/l	.1	.1	U	ug/l	.1	.1	U	ug/l	.1
alpha-Chlordane	.05	U	ug/l	.05	.05	U	ug/l	.05	.05	U	ug/l	.05	.05	U	ug/l	.05
gamma-Chlordane	.05	U	ug/l	.05	.05	U	ug/l	.05	.05	U	ug/l	.05	.05	U	ug/l	.05
Toxaphene	5	U	ug/l	5	5	U	ug/l	5	5	U	ug/l	5	5	U	ug/l	5
Aroclor-1016	1	U	ug/l	1	1	U	ug/l	1	1	U	ug/l	1	1	U	ug/l	1
Aroclor-1221	2	U	ug/l	2	2	U	ug/l	2	2	U	ug/l	2	2	U	ug/l	2
Aroclor-1232	1	U	ug/l	1	1	U	ug/l	1	1	U	ug/l	1	1	U	ug/l	1
Aroclor-1242	1	U	ug/l	1	1	U	ug/l	1	1	U	ug/l	1	1	U	ug/l	1
Aroclor-1248	1	U	ug/l	1	1	U	ug/l	1	1	U	ug/l	1	1	U	ug/l	1
Aroclor-1254	1	U	ug/l	1	1	U	ug/l	1	1	U	ug/l	1	1	U	ug/l	1
Aroclor-1260	1	U	ug/l	1	1	U	ug/l	1	1	U	ug/l	1	1	U	ug/l	1

U = NOT DETECTED J = ESTIMATED VALUE
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R = RESULT IS REJECTED AND UNUSABLE

WHITING FIELD ANAL AL RESULT REPORT
PESTICIDES AND PCBs ----- VALIDATED RESULTS

	Lab Sample Number:	22927007			22935006		
	Site	WHITING			WHITING		
	Locator	SSRB06			SSRB07		
	Collect Date:	06-OCT-92			08-OCT-92		
		VALUE QUAL	UNITS	DL	VALUE QUAL	UNITS	DL
CLP PESTICIDES/PCBS 90-SOW							
alpha-BHC		.05 U	ug/l	.05	.05 U	ug/l	.05
beta-BHC		.05 U	ug/l	.05	.05 U	ug/l	.05
delta-BHC		.05 U	ug/l	.05	.05 U	ug/l	.05
gamma-BHC (Lindane)		.05 U	ug/l	.05	.05 U	ug/l	.05
Heptachlor		.05 U	ug/l	.05	.05 U	ug/l	.05
Aldrin		.05 U	ug/l	.05	.05 U	ug/l	.05
Heptachlor epoxide		.05 U	ug/l	.05	.05 U	ug/l	.05
Endosulfan I		.05 U	ug/l	.05	.05 U	ug/l	.05
Dieldrin		.1 U	ug/l	.1	.1 U	ug/l	.1
4,4-DDE		.1 U	ug/l	.1	.1 U	ug/l	.1
Endrin		.1 U	ug/l	.1	.1 U	ug/l	.1
Endosulfan II		.1 U	ug/l	.1	.1 U	ug/l	.1
4,4-DDD		.1 U	ug/l	.1	.1 U	ug/l	.1
Endosulfan sulfate		.1 U	ug/l	.1	.1 U	ug/l	.1
4,4-DDT		.1 U	ug/l	.1	.1 U	ug/l	.1
Methoxychlor		.5 U	ug/l	.5	.5 U	ug/l	.5
Endrin ketone		.1 U	ug/l	.1	.1 U	ug/l	.1
Endrin aldehyde		.1 U	ug/l	.1	.1 U	ug/l	.1
alpha-Chlordane		.05 U	ug/l	.05	.05 U	ug/l	.05
gamma-Chlordane		.05 U	ug/l	.05	.05 U	ug/l	.05
Toxaphene		5 U	ug/l	5	5 U	ug/l	5
Aroclor-1016		1 U	ug/l	1	1 U	ug/l	1
Aroclor-1221		2 U	ug/l	2	2 U	ug/l	2
Aroclor-1232		1 U	ug/l	1	1 U	ug/l	1
Aroclor-1242		1 U	ug/l	1	1 U	ug/l	1
Aroclor-1248		1 U	ug/l	1	1 U	ug/l	1
Aroclor-1254		1 U	ug/l	1	1 U	ug/l	1
Aroclor-1260		1 U	ug/l	1	1 U	ug/l	1

U = NOT DETECTED J = ESTIMATED VALUE
U. PORTED QUANTITATION LIMIT IS QUALIFIED AS ESTIMATED
F SULT IS REJECTED AND UNUSABLE

WHITING FIELD ANAL...CAL RESULT REPORT
INORGANICS - METALS ----- VALIDATED RESULTS

	Lab Sample Number:	22889001				22891001				22891005				22927001			
	Site	WHITING				WHITING				WHITING				WHITING			
	Locator	SSRB01				SSRB02				SSRB03				SSRB05			
	Collect Date:	04-OCT-92				04-OCT-92				04-OCT-92				06-OCT-92			
		VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL
CLP METALS AND CYANIDE																	
Aluminum		55.6	J	ug/l	200	22.2	U	ug/l	200	29.1	J	ug/l	200	22.2	U	ug/l	200
Antimony		10.7	U	ug/l	60	10.7	U	ug/l	60	10.7	U	ug/l	60	12.4	U	ug/l	60
Arsenic		1	U	ug/l	10	1	U	ug/l	10	1	U	ug/l	10	1	U	ug/l	10
Barium		.57	U	ug/l	200	2.5	J	ug/l	200	1.4	J	ug/l	200	.46	U	ug/l	200
Beryllium		.24	U	ug/l	5	.22	U	ug/l	5	.22	U	ug/l	5	.22	U	ug/l	5
Cadmium		3	U	ug/l	5	3	U	ug/l	5	3.3	J	ug/l	5	3	U	ug/l	5
Calcium		229	J	ug/l	5000	1740	J	ug/l	5000	305	J	ug/l	5000	495	J	ug/l	5000
Chromium		2.9	U	ug/l	10	2.9	U	ug/l	10	4.7	J	ug/l	10	2.9	U	ug/l	10
Cobalt		3.3	U	ug/l	50	3.3	U	ug/l	50	3.3	U	ug/l	50	3.3	U	ug/l	50
Copper		2.3	U	ug/l	25	2.3	U	ug/l	25	2.3	U	ug/l	25	2.3	U	ug/l	25
Iron		56.7	J	ug/l	100	53.3	J	ug/l	100	42.1	J	ug/l	100	31.9	J	ug/l	100
Lead		.71	U	ug/l	5	1.4	J	ug/l	5	.76	J	ug/l	5	.92	J	ug/l	5
Magnesium		51	U	ug/l	5000	51	U	ug/l	5000	51	U	ug/l	5000	51	U	ug/l	5000
Manganese		1.1	U	ug/l	15	2.2	J	ug/l	15	1.4	J	ug/l	15	1.1	U	ug/l	15
Mercury		.17	J	ug/l	.2	.17	J	ug/l	.2	.17	J	ug/l	.2	.08	U	ug/l	.2
Nickel		5.3	U	ug/l	40	5.3	U	ug/l	40	5.3	U	ug/l	40	5.3	U	ug/l	40
Potassium		677	U	ug/l	5000	677	U	ug/l	5000	677	U	ug/l	5000	677	U	ug/l	5000
Selenium		2.1	U	ug/l	5	2.1	U	ug/l	5	2.1	U	ug/l	5	2.1	U	ug/l	5
Silver		2	U	ug/l	10	2	U	ug/l	10	2	U	ug/l	10	2	U	ug/l	10
Sodium		826	J	ug/l	5000	930	J	ug/l	5000	1070	J	ug/l	5000	1260	J	ug/l	5000
Thallium		1.6	U	ug/l	10	1.6	U	ug/l	10	1.6	U	ug/l	10	1.6	U	ug/l	10
Vanadium		2.6	U	ug/l	50	2.6	U	ug/l	50	2.6	U	ug/l	50	2.6	U	ug/l	50
Zinc		9.6	U	ug/l	20	20.5	J	ug/l	20	12.6	J	ug/l	20	9.6	U	ug/l	20
Cyanide		.84	U	ug/l	10	.84	U	ug/l	10	.84	U	ug/l	10	.84	U	ug/l	10

U = NOT DETECTED J = ESTIMATED VALUE
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R = RESULT IS REJECTED AND UNUSABLE

WHITING FIELD ANAL. AL RESULT REPORT
INORGANICS - METALS ----- VALIDATED RESULTS

Lab Sample Number:	22927007				22935006			
Site	WHITING				WHITING			
Locator	SSRB06				SSRB07			
Collect Date:	06-OCT-92				08-OCT-92			
	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL
CLP METALS AND CYANIDE								
Aluminum	22.2	U	ug/l	200	22.2	U	ug/l	200
Antimony	12.4	U	ug/l	60	10.7	U	ug/l	60
Arsenic	1	U	ug/l	10	1.6	J	ug/l	10
Barium	.57	J	ug/l	200	.64	J	ug/l	200
Beryllium	.22	U	ug/l	5	.24	U	ug/l	5
Cadmium	3	U	ug/l	5	3	U	ug/l	5
Calcium	213	J	ug/l	5000	891	J	ug/l	5000
Chromium	3.8	J	ug/l	10	2.9	U	ug/l	10
Cobalt	3.3	U	ug/l	50	3.3	U	ug/l	50
Copper	2.3	U	ug/l	25	2.3	U	ug/l	25
Iron	31	J	ug/l	100	37.2	J	ug/l	100
Lead	.71	U	ug/l	5	1.4	U	ug/l	5
Magnesium	51	U	ug/l	5000	51	U	ug/l	5000
Manganese	1.1	U	ug/l	15	1.1	J	ug/l	15
Mercury	.08	U	ug/l	.2	.16	J	ug/l	.2
Nickel	5.3	U	ug/l	40	5.9	J	ug/l	40
Potassium	677	U	ug/l	5000	677	U	ug/l	5000
Selenium	2.1	U	ug/l	5	2.1	U	ug/l	5
Silver	2	U	ug/l	10	2	U	ug/l	10
Sodium	781	J	ug/l	5000	705	J	ug/l	5000
Thallium	1.6	U	ug/l	10	1.6	U	ug/l	10
Vanadium	2.6	U	ug/l	50	2.6	U	ug/l	50
Zinc	9.6	U	ug/l	20	11.6	J	ug/l	20
Cyanide	.84	U	ug/l	10	.84	U	ug/l	10

U = NOT DETECTED J = ESTIMATED VALUE
UJ = PORTED QUANTITATION LIMIT IS QUALIFIED AS ESTIMATED
R = ULT IS REJECTED AND UNUSABLE

WHITING FIELD ANAL...CAL RESULT REPORT
VOLATILES ----- VALIDATED RESULTS

Lab Sample Number:	22889003				22891003				22927004				22927008			
Site	WHITING				WHITING				WHITING				WHITING			
Locator	SSTB01				SSTB02				SSTB05				SSTB06			
Collect Date:	03-OCT-92				04-OCT-92				06-OCT-92				06-OCT-92			
	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL
CLP VOLATILES 90-SOW																
Chloromethane	10	UJ	ug/l	10	10	UJ	ug/l	10	10	UJ	ug/l	10	10	UJ	ug/l	10
Bromomethane	10	U	ug/l	10	10	U	ug/l	10	10	U	ug/l	10	10	U	ug/l	10
Vinyl chloride	10	UJ	ug/l	10	10	UJ	ug/l	10	10	UJ	ug/l	10	10	UJ	ug/l	10
Chloroethane	10	U	ug/l	10	10	U	ug/l	10	10	U	ug/l	10	10	U	ug/l	10
Methylene chloride	10	UJ	ug/l	10	10	UJ	ug/l	10	10	UJ	ug/l	10	10	UJ	ug/l	10
Acetone	10	U	ug/l	10	10	U	ug/l	10	10	UJ	ug/l	10	16		ug/l	10
Carbon disulfide	10	U	ug/l	10	10	U	ug/l	10	10	U	ug/l	10	10	U	ug/l	10
1,1-Dichloroethene	10	U	ug/l	10	10	U	ug/l	10	10	U	ug/l	10	10	U	ug/l	10
1,1-Dichloroethane	10	U	ug/l	10	10	U	ug/l	10	10	U	ug/l	10	10	U	ug/l	10
1,2-Dichloroethene (total)	10	U	ug/l	10	10	U	ug/l	10	10	U	ug/l	10	10	U	ug/l	10
Chloroform	10	U	ug/l	10	10	U	ug/l	10	10	U	ug/l	10	10	U	ug/l	10
1,2-Dichloroethane	10	U	ug/l	10	10	U	ug/l	10	10	U	ug/l	10	10	U	ug/l	10
2-Butanone	10	U	ug/l	10	10	U	ug/l	10	10	U	ug/l	10	10	U	ug/l	10
1,1,1-Trichloroethane	10	U	ug/l	10	10	U	ug/l	10	10	U	ug/l	10	10	U	ug/l	10
Carbon tetrachloride	10	U	ug/l	10	10	U	ug/l	10	10	U	ug/l	10	10	U	ug/l	10
Bromodichloromethane	10	U	ug/l	10	10	U	ug/l	10	10	U	ug/l	10	10	U	ug/l	10
1,2-Dichloropropane	10	U	ug/l	10	10	U	ug/l	10	10	U	ug/l	10	10	U	ug/l	10
cis-1,3-Dichloropropene	10	U	ug/l	10	10	U	ug/l	10	10	U	ug/l	10	10	U	ug/l	10
Trichloroethene	10	U	ug/l	10	10	U	ug/l	10	10	U	ug/l	10	10	U	ug/l	10
Dibromochloromethane	10	U	ug/l	10	10	U	ug/l	10	10	U	ug/l	10	10	U	ug/l	10
1,1,2-Trichloroethane	10	U	ug/l	10	10	U	ug/l	10	10	U	ug/l	10	10	U	ug/l	10
Benzene	10	U	ug/l	10	10	U	ug/l	10	10	U	ug/l	10	10	U	ug/l	10
trans-1,3-Dichloropropene	10	U	ug/l	10	10	U	ug/l	10	10	U	ug/l	10	10	U	ug/l	10
Bromoform	10	U	ug/l	10	10	U	ug/l	10	10	U	ug/l	10	10	U	ug/l	10
4-Methyl-2-pentanone	10	U	ug/l	10	10	U	ug/l	10	10	UJ	ug/l	10	10	UJ	ug/l	10
2-Hexanone	10	U	ug/l	10	10	U	ug/l	10	10	U	ug/l	10	10	U	ug/l	10
Tetrachloroethene	10	U	ug/l	10	10	U	ug/l	10	10	U	ug/l	10	10	U	ug/l	10
Toluene	10	U	ug/l	10	10	U	ug/l	10	1	J	ug/l	10	10	U	ug/l	10
1,1,2,2-Tetrachloroethane	10	U	ug/l	10	10	U	ug/l	10	10	U	ug/l	10	10	U	ug/l	10
Chlorobenzene	10	U	ug/l	10	10	U	ug/l	10	10	U	ug/l	10	10	U	ug/l	10
Ethylbenzene	10	U	ug/l	10	10	U	ug/l	10	10	U	ug/l	10	10	U	ug/l	10
Styrene	10	U	ug/l	10	10	U	ug/l	10	10	U	ug/l	10	10	U	ug/l	10
Xylenes (total)	10	U	ug/l	10	10	U	ug/l	10	10	U	ug/l	10	10	U	ug/l	10

U = NOT DETECTED J = ESTIMATED VALUE
UJ= REPORTED QUANTITATION LIMIT IS QUALIFIED AS ESTIMATED
R = RESULT IS REJECTED AND UNUSABLE

WHITING FIELD ANAL AL RESULT REPORT
VOLATILES ----- VALIDATED RESULTS

Lab Sample Number: 22889002
Site WHITING
Locator SSFB01
Collect Date: 03-OCT-92

	VALUE	QUAL	UNITS	DL
CLP VOLATILES 90-SOW				
Chloromethane	10	UJ	ug/l	10
Bromomethane	10	U	ug/l	10
Vinyl chloride	10	UJ	ug/l	10
Chloroethane	10	U	ug/l	10
Methylene chloride	10	UJ	ug/l	10
Acetone	10	U	ug/l	10
Carbon disulfide	10	U	ug/l	10
1,1-Dichloroethene	10	U	ug/l	10
1,1-Dichloroethane	10	U	ug/l	10
1,2-Dichloroethene (total)	10	U	ug/l	10
Chloroform	10	U	ug/l	10
1,2-Dichloroethane	10	U	ug/l	10
2-Butanone	10	U	ug/l	10
1,1,1-Trichloroethane	10	U	ug/l	10
Carbon tetrachloride	10	U	ug/l	10
Bromodichloromethane	10	U	ug/l	10
1,2-Dichloropropane	10	U	ug/l	10
cis-1,3-Dichloropropene	10	U	ug/l	10
Trichloroethene	10	U	ug/l	10
Dibromochloromethane	10	U	ug/l	10
1,1,2-Trichloroethane	10	U	ug/l	10
Benzene	10	U	ug/l	10
trans-1,3-Dichloropropene	10	U	ug/l	10
Bromoform	10	U	ug/l	10
4-Methyl-2-pentanone	10	U	ug/l	10
2-Hexanone	10	U	ug/l	10
Tetrachloroethene	10	U	ug/l	10
Toluene	10	U	ug/l	10
1,1,2,2-Tetrachloroethane	10	U	ug/l	10
Chlorobenzene	10	U	ug/l	10
Ethylbenzene	10	U	ug/l	10
Styrene	10	U	ug/l	10
Xylenes (total)	10	U	ug/l	10

U = NOT DETECTED J = ESTIMATED VALUE
UJ= REPORTED QUANTITATION LIMIT IS QUALIFIED AS ESTIMATED
R = RESULT IS REJECTED AND UNUSABLE

WHITING FIELD ANAL..ICAL RESULT REPORT
SEMIVOLATILES ----- VALIDATED RESULTS

Lab Sample Number: 22889002
Site WHITING
Locator SSFB01
Collect Date: 03-OCT-92

	VALUE	QUAL	UNITS	DL
CLP SEMIVOLATILES 90-SOW				
Phenol	10	U	ug/l	10
bis(2-Chloroethyl) ether	10	U	ug/l	10
2-Chlorophenol	10	U	ug/l	10
1,3-Dichlorobenzene	10	U	ug/l	10
1,4-Dichlorobenzene	10	U	ug/l	10
1,2-Dichlorobenzene	10	U	ug/l	10
2-Methylphenol	10	U	ug/l	10
2,2-oxybis(1-Chloropropane)	10	U	ug/l	10
4-Methylphenol	10	U	ug/l	10
N-Nitroso-di-n-propylamine	10	U	ug/l	10
Hexachloroethane	10	U	ug/l	10
Nitrobenzene	10	U	ug/l	10
Isophorone	10	UJ	ug/l	10
2-Nitrophenol	10	U	ug/l	10
2,4-Dimethylphenol	10	U	ug/l	10
bis(2-Chloroethoxy) methane	10	U	ug/l	10
2,4-Dichlorophenol	10	U	ug/l	10
1,2,4-Trichlorobenzene	10	U	ug/l	10
Naphthalene	10	U	ug/l	10
4-Chloroaniline	10	U	ug/l	10
Hexachlorobutadiene	10	U	ug/l	10
4-Chloro-3-methylphenol	10	U	ug/l	10
2-Methylnaphthalene	10	U	ug/l	10
Hexachlorocyclopentadiene	10	U	ug/l	10
2,4,6-Trichlorophenol	10	U	ug/l	10
2,4,5-Trichlorophenol	25	U	ug/l	25
2-Chloronaphthalene	10	U	ug/l	10
2-Nitroaniline	25	U	ug/l	25
Dimethylphthalate	10	U	ug/l	10
Acenaphthylene	10	U	ug/l	10
2,6-Dinitrotoluene	10	U	ug/l	10
3-Nitroaniline	25	U	ug/l	25
Acenaphthene	10	U	ug/l	10
2,4-Dinitrophenol	25	U	ug/l	25
4-Nitrophenol	25	UJ	ug/l	25
Dibenzofuran	10	U	ug/l	10
2,4-Dinitrotoluene	10	U	ug/l	10
Diethylphthalate	10	U	ug/l	10
4-Chlorophenyl-phenylether	10	U	ug/l	10
Fluorene	10	U	ug/l	10
4-Nitroaniline	25	U	ug/l	25
4,6-Dinitro-2-methylphenol	25	U	ug/l	25
N-Nitrosodiphenylamine (1)	10	U	ug/l	10
4-Bromophenyl-phenylether	10	U	ug/l	10
Hexachlorobenzene	10	U	ug/l	10
Pentachlorophenol	25	U	ug/l	25
Phenanthrene	10	U	ug/l	10
Anthracene	10	U	ug/l	10
Carbazole	10	U	ug/l	10
Di-n-butylphthalate	21	UJ	ug/l	10
Fluoranthene	10	U	ug/l	10
Pyrene	10	U	ug/l	10
Butylbenzylph	10	UJ	ug/l	10

WHITING FIELD ANAL...CAL RESULT REPORT
SEMIVOLATILES ----- VALIDATED RESULTS

Lab Sample Number: 22889002
Site WHITING
Locator SSFB01
Collect Date: 03-OCT-92

	VALUE	QUAL	UNITS	DL
3,3-Dichlorobenzidine	10	UJ	ug/l	10
Benzo (a) anthracene	10	U	ug/l	10
Chrysene	10	U	ug/l	10
bis(2-Ethylhexyl) phthalate	10	UJ	ug/l	10
Di-n-octylphthalate	10	U	ug/l	10
Benzo (b) fluoranthene	10	U	ug/l	10
Benzo (k) fluoranthene	10	U	ug/l	10
Benzo (a) pyrene	10	U	ug/l	10
Indeno (1,2,3-cd) pyrene	10	U	ug/l	10
Dibenz (a,h) anthracene	10	U	ug/l	10
Benzo (g,h,i) perylene	10	U	ug/l	10

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R = RESULT IS REJECTED AND UNUSABLE

WHITING FIELD ANAL..ICAL RESULT REPORT
PESTICIDES AND PCBs ----- VALIDATED RESULTS

Lab Sample Number: 22889002
Site WHITING
Locator SSFB01
Collect Date: 03-OCT-92

	VALUE	QUAL	UNITS	DL
CLP PESTICIDES/PCBS 90-SOW				
alpha-BHC	.05	U	ug/l	.05
beta-BHC	.05	U	ug/l	.05
delta-BHC	.05	U	ug/l	.05
gamma-BHC (Lindane)	.05	U	ug/l	.05
Heptachlor	.05	U	ug/l	.05
Aldrin	.05	U	ug/l	.05
Heptachlor epoxide	.05	U	ug/l	.05
Endosulfan I	.05	U	ug/l	.05
Dieldrin	.1	U	ug/l	.1
4,4-DDE	.1	U	ug/l	.1
Endrin	.1	U	ug/l	.1
Endosulfan II	.1	U	ug/l	.1
4,4-DDD	.1	U	ug/l	.1
Endosulfan sulfate	.1	U	ug/l	.1
4,4-DDT	.1	U	ug/l	.1
Methoxychlor	.5	U	ug/l	.5
Endrin ketone	.1	U	ug/l	.1
Endrin aldehyde	.1	U	ug/l	.1
alpha-Chlordane	.05	U	ug/l	.05
gamma-Chlordane	.05	U	ug/l	.05
Toxaphene	5	U	ug/l	5
Aroclor-1016	1	U	ug/l	1
Aroclor-1221	2	U	ug/l	2
Aroclor-1232	1	U	ug/l	1
Aroclor-1242	1	U	ug/l	1
Aroclor-1248	1	U	ug/l	1
Aroclor-1254	1	U	ug/l	1
Aroclor-1260	1	U	ug/l	1

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R ...T IS REJECTED AND UNUSABLE

WHITING FIELD ANAL AL RESULT REPORT
INORGANICS - METALS ----- VALIDATED RESULTS

Lab Sample Number: 22889002
Site WHITING
Locator SSFB01
Collect Date: 04-OCT-92

	VALUE	QUAL	UNITS	DL
CLP METALS AND CYANIDE				
Aluminum	22.2	U	ug/l	200
Antimony	10.7	U	ug/l	60
Arsenic	1	U	ug/l	10
Barium	1.1	J	ug/l	200
Beryllium	.24	U	ug/l	5
Cadmium	3	U	ug/l	5
Calcium	1040	J	ug/l	5000
Chromium	2.9	U	ug/l	10
Cobalt	3.3	U	ug/l	50
Copper	2.3	U	ug/l	25
Iron	98.2	J	ug/l	100
Lead	1.2	J	ug/l	5
Magnesium	51	U	ug/l	5000
Manganese	1.2	J	ug/l	15
Mercury	.17	J	ug/l	.2
Nickel	5.3	U	ug/l	40
Potassium	677	U	ug/l	5000
Selenium	2.1	U	ug/l	5
Silver	2	U	ug/l	10
Sodium	887	J	ug/l	5000
Thallium	1.6	U	ug/l	10
Vanadium	2.6	U	ug/l	50
Zinc	10	J	ug/l	20
Cyanide	.84	U	ug/l	10

U = NOT DETECTED J = ESTIMATED VALUE
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R = RESULT IS REJECTED AND UNUSABLE

WHITING FIELD ANAL...CAL RESULT REPORT
VOLATILES ----- VALIDATED RESULTS

Lab Sample Number:	22935009				22935M09				22935D09			
Site	WHITING				WHITING				WHITING			
Locator	SSIPA02				SSIPA02_MS				SSIPA02_MSD			
Collect Date:	08-OCT-92				08-OCT-92				08-OCT-92			
	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL
CLP VOLATILES 90-SOW												
Chloromethane	100000	UJ	ug/l	100000	100000	U	ug/l	100000	100000	U	ug/l	100000
Bromomethane	100000	U	ug/l	100000	100000	U	ug/l	100000	100000	U	ug/l	100000
Vinyl chloride	100000	U	ug/l	100000	100000	U	ug/l	100000	100000	U	ug/l	100000
Chloroethane	100000	UJ	ug/l	100000	100000	U	ug/l	100000	-			
Methylene chloride	100000	UJ	ug/l	100000	60000	J	ug/l	100000	70000	J	ug/l	100000
Acetone	840000		ug/l	100000	710000		ug/l	100000	1000000		ug/l	10000
Carbon disulfide	100000	U	ug/l	100000	100000	U	ug/l	100000	100000	U	ug/l	100000
1,1-Dichloroethene	100000	U	ug/l	100000	100000	U	ug/l	100000	100000	U	ug/l	100000
1,1-Dichloroethane	100000	U	ug/l	100000	100000	U	ug/l	100000	100000	U	ug/l	100000
1,2-Dichloroethene (total)	100000	U	ug/l	100000	100000	U	ug/l	100000	100000	U	ug/l	100000
Chloroform	100000	U	ug/l	100000	100000	U	ug/l	100000	100000	U	ug/l	100000
1,2-Dichloroethane	100000	U	ug/l	100000	100000	U	ug/l	100000	100000	U	ug/l	100000
2-Butanone	100000	U	ug/l	100000	100000	U	ug/l	100000	100000	U	ug/l	100000
1,1,1-Trichloroethane	100000	U	ug/l	100000	100000	U	ug/l	100000	100000	U	ug/l	100000
Carbon tetrachloride	100000	U	ug/l	100000	100000	U	ug/l	100000	100000	U	ug/l	100000
Bromodichloromethane	100000	U	ug/l	100000	100000	U	ug/l	100000	100000	U	ug/l	100000
1,2-Dichloropropane	100000	U	ug/l	100000	100000	U	ug/l	100000	100000	U	ug/l	100000
cis-1,3-Dichloropropene	100000	U	ug/l	100000	-				100000	U	ug/l	100000
Trichloroethene	100000	U	ug/l	100000	100000	U	ug/l	100000	100000	U	ug/l	100000
Dibromochloromethane	100000	U	ug/l	100000	100000	U	ug/l	100000	100000	U	ug/l	100000
1,1,2-Trichloroethane	100000	U	ug/l	100000	100000	U	ug/l	100000	100000	U	ug/l	100000
Benzene	100000	U	ug/l	100000	100000	U	ug/l	100000	100000	U	ug/l	100000
trans-1,3-Dichloropropene	100000	U	ug/l	100000	100000	U	ug/l	100000	100000	U	ug/l	100000
Bromoform	100000	U	ug/l	100000	100000	U	ug/l	100000	100000	U	ug/l	100000
4-Methyl-2-pentanone	100000	UJ	ug/l	100000	100000	U	ug/l	100000	100000	U	ug/l	100000
2-Hexanone	100000	U	ug/l	100000	100000	U	ug/l	100000	100000	U	ug/l	100000
Tetrachloroethene	100000	U	ug/l	100000	-				100000	U	ug/l	100000
Toluene	100000	U	ug/l	100000	100000	U	ug/l	100000	100000	U	ug/l	100000
1,1,2,2-Tetrachloroethane	100000	U	ug/l	100000	100000	U	ug/l	100000	100000	U	ug/l	100000
Chlorobenzene	100000	U	ug/l	100000	100000	U	ug/l	100000	100000	U	ug/l	100000
Ethylbenzene	100000	U	ug/l	100000	100000	U	ug/l	100000	100000	U	ug/l	100000
Styrene	100000	U	ug/l	100000	100000	U	ug/l	100000	100000	U	ug/l	100000
Xylenes (total)	100000	U	ug/l	100000	100000	U	ug/l	100000	100000	U	ug/l	100000

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WHITING FIELD ANAL[illegible]L RESULT REPORT
VOLATILES ----- VALIDATED RESULTS

Lab Sample Number:	22935009				22935M09				22935D09			
Site	WHITING				WHITING				WHITING			
Locator	SSIPA02				SSIPA02_MS				SSIPA02_MSD			
Collect Date:	08-OCT-92				08-OCT-92				08-OCT-92			
	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL
CLP VOLATILES 90-SOW												
Chloromethane	100000	UJ	ug/l	100000	100000	U	ug/l	100000	100000	U	ug/l	100000
Bromomethane	100000	U	ug/l	100000	100000	U	ug/l	100000	100000	U	ug/l	100000
Vinyl chloride	100000	U	ug/l	100000	100000	U	ug/l	100000	100000	U	ug/l	100000
Chloroethane	100000	UJ	ug/l	100000	100000	U	ug/l	100000	-			
Methylene chloride	100000	UJ	ug/l	100000	60000	J	ug/l	100000	70000	J	ug/l	100000
Acetone	840000		ug/l	100000	710000		ug/l	100000	1000000		ug/l	10000
Carbon disulfide	100000	U	ug/l	100000	100000	U	ug/l	100000	100000	U	ug/l	100000
1,1-Dichloroethene	100000	U	ug/l	100000	100000	U	ug/l	100000	100000	U	ug/l	100000
1,1-Dichloroethane	100000	U	ug/l	100000	100000	U	ug/l	100000	100000	U	ug/l	100000
1,2-Dichloroethene (total)	100000	U	ug/l	100000	100000	U	ug/l	100000	100000	U	ug/l	100000
Chloroform	100000	U	ug/l	100000	100000	U	ug/l	100000	100000	U	ug/l	100000
1,2-Dichloroethane	100000	U	ug/l	100000	100000	U	ug/l	100000	100000	U	ug/l	100000
2-Butanone	100000	U	ug/l	100000	100000	U	ug/l	100000	100000	U	ug/l	100000
1,1,1-Trichloroethane	100000	U	ug/l	100000	100000	U	ug/l	100000	100000	U	ug/l	100000
Carbon tetrachloride	100000	U	ug/l	100000	100000	U	ug/l	100000	100000	U	ug/l	100000
Bromodichloromethane	100000	U	ug/l	100000	100000	U	ug/l	100000	100000	U	ug/l	100000
1,2-Dichloropropane	100000	U	ug/l	100000	100000	U	ug/l	100000	100000	U	ug/l	100000
cis-1,3-Dichloropropene	100000	U	ug/l	100000	-				100000	U	ug/l	100000
Trichloroethene	100000	U	ug/l	100000	100000	U	ug/l	100000	100000	U	ug/l	100000
Dibromochloromethane	100000	U	ug/l	100000	100000	U	ug/l	100000	100000	U	ug/l	100000
1,1,2-Trichloroethane	100000	U	ug/l	100000	100000	U	ug/l	100000	100000	U	ug/l	100000
Benzene	100000	U	ug/l	100000	100000	U	ug/l	100000	100000	U	ug/l	100000
trans-1,3-Dichloropropene	100000	U	ug/l	100000	100000	U	ug/l	100000	100000	U	ug/l	100000
Bromoform	100000	U	ug/l	100000	100000	U	ug/l	100000	100000	U	ug/l	100000
4-Methyl-2-pentanone	100000	UJ	ug/l	100000	100000	U	ug/l	100000	100000	U	ug/l	100000
2-Hexanone	100000	U	ug/l	100000	100000	U	ug/l	100000	100000	U	ug/l	100000
Tetrachloroethene	100000	U	ug/l	100000	-				100000	U	ug/l	100000
Toluene	100000	U	ug/l	100000	100000	U	ug/l	100000	100000	U	ug/l	100000
1,1,2,2-Tetrachloroethane	100000	U	ug/l	100000	100000	U	ug/l	100000	100000	U	ug/l	100000
Chlorobenzene	100000	U	ug/l	100000	100000	U	ug/l	100000	100000	U	ug/l	100000
Ethylbenzene	100000	U	ug/l	100000	100000	U	ug/l	100000	100000	U	ug/l	100000
Styrene	100000	U	ug/l	100000	100000	U	ug/l	100000	100000	U	ug/l	100000
Xylenes (total)	100000	U	ug/l	100000	100000	U	ug/l	100000	100000	U	ug/l	100000

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APPENDIX E-3

VALIDATED ANALYTICAL RESULTS
SUBSURFACE SOILS - SOIL BORINGS

SITE 2

06/29/94 WHITING FIELD - SITE 2 - CLP VOCs 21:51:40
SOIL BORINGS - VALIDATED ANALYTICAL RESULTS

Lab Sample Number:	94016001				94016002				94015005				94015006			
Site	WHITING				WHITING				WHITING				WHITING			
Locator	2-SB01(0-2)				2-SB01(0-2)D				2-SB01(10-12)				2-SB01(15-17)			
Collect Date:	31-JUL-93				31-JUL-93				30-JUL-93				30-JUL-93			
	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL
CLP VOLATILES 90-SOW																
Chloromethane	11	UJ	ug/kg	11	11	UJ	ug/kg	11	54	UJ	ug/kg	54	11	UJ	ug/kg	11
Bromomethane	11	U	ug/kg	11	11	U	ug/kg	11	54	U	ug/kg	54	11	U	ug/kg	11
Vinyl chloride	11	U	ug/kg	11	11	U	ug/kg	11	54	U	ug/kg	54	11	U	ug/kg	11
Chloroethane	11	U	ug/kg	11	11	U	ug/kg	11	54	U	ug/kg	54	11	U	ug/kg	11
Methylene chloride	11	UJ	ug/kg	11	11	U	ug/kg	11	54	U	ug/kg	54	11	UJ	ug/kg	11
Acetone	11	U	ug/kg	11	11	U	ug/kg	11	54	UJ	ug/kg	54	43	UJ	ug/kg	11
Carbon disulfide	11	U	ug/kg	11	11	U	ug/kg	11	54	U	ug/kg	54	11	U	ug/kg	11
1,1-Dichloroethene	11	U	ug/kg	11	11	U	ug/kg	11	54	U	ug/kg	54	11	U	ug/kg	11
1,1-Dichloroethane	11	U	ug/kg	11	11	U	ug/kg	11	54	U	ug/kg	54	11	U	ug/kg	11
1,2-Dichloroethene (total)	11	U	ug/kg	11	11	U	ug/kg	11	54	U	ug/kg	54	11	U	ug/kg	11
Chloroform	11	U	ug/kg	11	11	U	ug/kg	11	54	U	ug/kg	54	11	U	ug/kg	11
1,2-Dichloroethane	11	U	ug/kg	11	11	U	ug/kg	11	54	U	ug/kg	54	11	U	ug/kg	11
2-Butanone	11	U	ug/kg	11	11	U	ug/kg	11	54	U	ug/kg	54	11	U	ug/kg	11
1,1,1-Trichloroethane	11	U	ug/kg	11	11	U	ug/kg	11	54	U	ug/kg	54	11	U	ug/kg	11
Carbon tetrachloride	11	U	ug/kg	11	11	U	ug/kg	11	54	U	ug/kg	54	11	U	ug/kg	11
Bromodichloromethane	11	U	ug/kg	11	11	U	ug/kg	11	54	U	ug/kg	54	11	U	ug/kg	11
1,2-Dichloropropane	11	U	ug/kg	11	11	U	ug/kg	11	54	U	ug/kg	54	11	U	ug/kg	11
cis-1,3-Dichloropropene	11	U	ug/kg	11	11	U	ug/kg	11	54	U	ug/kg	54	11	U	ug/kg	11
Trichloroethene	11	U	ug/kg	11	11	U	ug/kg	11	54	U	ug/kg	54	11	U	ug/kg	11
Dibromochloromethane	11	U	ug/kg	11	11	U	ug/kg	11	54	U	ug/kg	54	11	U	ug/kg	11
1,1,2-Trichloroethane	11	U	ug/kg	11	11	U	ug/kg	11	54	U	ug/kg	54	11	U	ug/kg	11
Benzene	11	U	ug/kg	11	11	U	ug/kg	11	54	U	ug/kg	54	11	U	ug/kg	11
trans-1,3-Dichloropropene	11	U	ug/kg	11	11	U	ug/kg	11	54	U	ug/kg	54	11	U	ug/kg	11
Bromoform	11	U	ug/kg	11	11	U	ug/kg	11	54	U	ug/kg	54	11	U	ug/kg	11
4-Methyl-2-pentanone	11	U	ug/kg	11	11	U	ug/kg	11	54	U	ug/kg	54	11	U	ug/kg	11
2-Hexanone	11	UJ	ug/kg	11	11	U	ug/kg	11	54	U	ug/kg	54	11	U	ug/kg	11
Tetrachloroethene	11	UJ	ug/kg	11	11	U	ug/kg	11	54	U	ug/kg	54	11	U	ug/kg	11
Toluene	11	UJ	ug/kg	11	11	U	ug/kg	11	54	U	ug/kg	54	11	U	ug/kg	11
1,1,2,2-Tetrachloroethane	11	UJ	ug/kg	11	11	U	ug/kg	11	54	U	ug/kg	54	11	U	ug/kg	11
Chlorobenzene	11	UJ	ug/kg	11	11	U	ug/kg	11	54	U	ug/kg	54	11	U	ug/kg	11
Ethylbenzene	11	UJ	ug/kg	11	11	U	ug/kg	11	54	U	ug/kg	54	11	U	ug/kg	11
Styrene	11	UJ	ug/kg	11	11	U	ug/kg	11	54	U	ug/kg	54	11	U	ug/kg	11
Xylenes (total)	11	UJ	ug/kg	11	11	U	ug/kg	11	54	U	ug/kg	54	11	U	ug/kg	11

06/29/94 WHITING FIELD - SITE 2 - CLP VOCs 21:51:40
SOIL BORINGS - VALIDATED ANALYTICAL RESULTS

Lab Sample Number:	94015007					94015004					94015008					94015009				
Site	WHITING					WHITING					WHITING					WHITING				
Locator	2-SB01(20-22)					2-SB01(5-7)					2-SB01(50-52)					2-SB01(65-70)				
Collect Date:	30-JUL-93					30-JUL-93					30-JUL-93					30-JUL-93				
	VALUE	QUAL	UNITS	DL		VALUE	QUAL	UNITS	DL		VALUE	QUAL	UNITS	DL		VALUE	QUAL	UNITS	DL	
CLP VOLATILES 90-SOW																				
Chloromethane	11	UJ	ug/kg	11		11	UJ	ug/kg	11		10	UJ	ug/kg	10		12	UJ	ug/kg	12	
Bromomethane	11	U	ug/kg	11		11	U	ug/kg	11		10	U	ug/kg	10		12	U	ug/kg	12	
Vinyl chloride	11	U	ug/kg	11		11	U	ug/kg	11		10	U	ug/kg	10		12	U	ug/kg	12	
Chloroethane	11	U	ug/kg	11		11	U	ug/kg	11		10	U	ug/kg	10		12	U	ug/kg	12	
Methylene chloride	11	U	ug/kg	11		11	UJ	ug/kg	11		10	U	ug/kg	10		12	UJ	ug/kg	12	
Acetone	18	UJ	ug/kg	11		11	UJ	ug/kg	11		10	UJ	ug/kg	10		17	UJ	ug/kg	12	
Carbon disulfide	11	U	ug/kg	11		11	U	ug/kg	11		10	U	ug/kg	10		12	U	ug/kg	12	
1,1-Dichloroethene	11	U	ug/kg	11		11	U	ug/kg	11		10	U	ug/kg	10		12	U	ug/kg	12	
1,1-Dichloroethane	11	U	ug/kg	11		11	U	ug/kg	11		10	U	ug/kg	10		12	U	ug/kg	12	
1,2-Dichloroethene (total)	11	U	ug/kg	11		11	U	ug/kg	11		10	U	ug/kg	10		12	U	ug/kg	12	
Chloroform	11	U	ug/kg	11		11	U	ug/kg	11		10	U	ug/kg	10		12	U	ug/kg	12	
1,2-Dichloroethane	11	U	ug/kg	11		11	U	ug/kg	11		10	U	ug/kg	10		12	U	ug/kg	12	
2-Butanone	11	U	ug/kg	11		11	U	ug/kg	11		10	U	ug/kg	10		12	U	ug/kg	12	
1,1,1-Trichloroethane	11	U	ug/kg	11		11	U	ug/kg	11		10	U	ug/kg	10		12	U	ug/kg	12	
Carbon tetrachloride	11	U	ug/kg	11		11	U	ug/kg	11		10	U	ug/kg	10		12	U	ug/kg	12	
Bromodichloromethane	11	U	ug/kg	11		11	U	ug/kg	11		10	U	ug/kg	10		12	U	ug/kg	12	
1,2-Dichloropropane	11	U	ug/kg	11		11	U	ug/kg	11		10	U	ug/kg	10		12	U	ug/kg	12	
cis-1,3-Dichloropropene	11	U	ug/kg	11		11	U	ug/kg	11		10	U	ug/kg	10		12	U	ug/kg	12	
Trichloroethene	11	U	ug/kg	11		11	U	ug/kg	11		10	U	ug/kg	10		12	U	ug/kg	12	
Dibromochloromethane	11	U	ug/kg	11		11	U	ug/kg	11		10	U	ug/kg	10		12	U	ug/kg	12	
1,1,2-Trichloroethane	11	U	ug/kg	11		11	U	ug/kg	11		10	U	ug/kg	10		12	U	ug/kg	12	
Benzene	11	U	ug/kg	11		11	U	ug/kg	11		10	U	ug/kg	10		12	U	ug/kg	12	
trans-1,3-Dichloropropene	11	U	ug/kg	11		11	U	ug/kg	11		10	U	ug/kg	10		12	U	ug/kg	12	
Bromoform	11	U	ug/kg	11		11	U	ug/kg	11		10	U	ug/kg	10		12	U	ug/kg	12	
4-Methyl-2-pentanone	11	U	ug/kg	11		11	U	ug/kg	11		10	U	ug/kg	10		12	U	ug/kg	12	
2-Hexanone	11	U	ug/kg	11		11	U	ug/kg	11		10	U	ug/kg	10		12	U	ug/kg	12	
Tetrachloroethene	11	U	ug/kg	11		11	U	ug/kg	11		10	U	ug/kg	10		12	U	ug/kg	12	
Toluene	11	U	ug/kg	11		11	U	ug/kg	11		10	U	ug/kg	10		12	U	ug/kg	12	
1,1,2,2-Tetrachloroethane	11	U	ug/kg	11		11	U	ug/kg	11		10	U	ug/kg	10		12	U	ug/kg	12	
Chlorobenzene	11	U	ug/kg	11		11	U	ug/kg	11		10	U	ug/kg	10		12	U	ug/kg	12	
Ethylbenzene	11	U	ug/kg	11		11	U	ug/kg	11		10	U	ug/kg	10		12	U	ug/kg	12	
Styrene	11	U	ug/kg	11		11	U	ug/kg	11		10	U	ug/kg	10		12	U	ug/kg	12	
Xylenes (total)	11	U	ug/kg	11		11	U	ug/kg	11		10	U	ug/kg	10		12	U	ug/kg	12	

SOIL BORINGS - VALIDATED ANALYTICAL RESULTS

Lab Sample Number:	94016001				94016002				94015005				94015006			
Site	WHITING				WHITING				WHITING				WHITING			
Locator	2-SB01(0-2)				2-SB01(0-2)D				2-SB01(10-12)				2-SB01(15-17)			
Collect Date:	31-JUL-93				31-JUL-93				30-JUL-93				30-JUL-93			
	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL
CLP SEMIVOLATILES 90-SOW																
Phenol	710	U	ug/kg	710	710	U	ug/kg	710	3500	U	ug/kg	3500	1700	U	ug/kg	1700
bis(2-Chloroethyl) ether	710	U	ug/kg	710	710	U	ug/kg	710	3500	U	ug/kg	3500	1700	U	ug/kg	1700
2-Chlorophenol	710	U	ug/kg	710	710	U	ug/kg	710	3500	U	ug/kg	3500	1700	U	ug/kg	1700
1,3-Dichlorobenzene	710	U	ug/kg	710	710	U	ug/kg	710	3500	U	ug/kg	3500	1700	U	ug/kg	1700
1,4-Dichlorobenzene	710	U	ug/kg	710	710	U	ug/kg	710	3500	U	ug/kg	3500	1700	U	ug/kg	1700
1,2-Dichlorobenzene	710	U	ug/kg	710	710	U	ug/kg	710	3500	U	ug/kg	3500	1700	U	ug/kg	1700
2-Methylphenol	710	U	ug/kg	710	710	U	ug/kg	710	3500	U	ug/kg	3500	1700	U	ug/kg	1700
2,2-oxybis(1-Chloropropane)	710	U	ug/kg	710	710	U	ug/kg	710	3500	U	ug/kg	3500	1700	U	ug/kg	1700
4-Methylphenol	710	U	ug/kg	710	710	U	ug/kg	710	3500	U	ug/kg	3500	1700	U	ug/kg	1700
N-Nitroso-di-n-propylamine	710	U	ug/kg	710	710	U	ug/kg	710	3500	U	ug/kg	3500	1700	U	ug/kg	1700
Hexachloroethane	710	U	ug/kg	710	710	U	ug/kg	710	3500	U	ug/kg	3500	1700	U	ug/kg	1700
Nitrobenzene	710	U	ug/kg	710	710	U	ug/kg	710	3500	U	ug/kg	3500	1700	U	ug/kg	1700
Isophorone	710	U	ug/kg	710	710	U	ug/kg	710	3500	U	ug/kg	3500	1700	U	ug/kg	1700
2-Nitrophenol	710	U	ug/kg	710	710	U	ug/kg	710	3500	U	ug/kg	3500	1700	U	ug/kg	1700
2,4-Dimethylphenol	710	U	ug/kg	710	710	U	ug/kg	710	3500	U	ug/kg	3500	1700	U	ug/kg	1700
bis(2-Chloroethoxy) methane	710	U	ug/kg	710	710	U	ug/kg	710	3500	U	ug/kg	3500	1700	U	ug/kg	1700
2,4-Dichlorophenol	710	U	ug/kg	710	710	U	ug/kg	710	3500	U	ug/kg	3500	1700	U	ug/kg	1700
1,2,4-Trichlorobenzene	710	U	ug/kg	710	710	U	ug/kg	710	3500	U	ug/kg	3500	1700	U	ug/kg	1700
Naphthalene	710	U	ug/kg	710	710	U	ug/kg	710	3500	U	ug/kg	3500	1700	U	ug/kg	1700
4-Chloroaniline	710	U	ug/kg	710	710	U	ug/kg	710	3500	U	ug/kg	3500	1700	U	ug/kg	1700
Hexachlorobutadiene	710	U	ug/kg	710	710	U	ug/kg	710	3500	U	ug/kg	3500	1700	U	ug/kg	1700
4-Chloro-3-methylphenol	710	U	ug/kg	710	710	U	ug/kg	710	3500	U	ug/kg	3500	1700	U	ug/kg	1700
2-Methylnaphthalene	710	U	ug/kg	710	710	U	ug/kg	710	810	J	ug/kg	3500	1700	U	ug/kg	1700
Hexachlorocyclopentadiene	710	U	ug/kg	710	710	U	ug/kg	710	3500	U	ug/kg	3500	1700	U	ug/kg	1700
2,4,6-Trichlorophenol	710	U	ug/kg	710	710	U	ug/kg	710	3500	U	ug/kg	3500	1700	U	ug/kg	1700
2,4,5-Trichlorophenol	1700	U	ug/kg	1700	1700	U	ug/kg	1700	8600	U	ug/kg	8600	4200	U	ug/kg	4200
2-Chloronaphthalene	710	U	ug/kg	710	710	U	ug/kg	710	3500	U	ug/kg	3500	1700	U	ug/kg	1700
2-Nitroaniline	1700	U	ug/kg	1700	1700	U	ug/kg	1700	8600	U	ug/kg	8600	4200	U	ug/kg	4200
Dimethylphthalate	710	U	ug/kg	710	710	U	ug/kg	710	3500	U	ug/kg	3500	1700	U	ug/kg	1700
Acenaphthylene	710	U	ug/kg	710	710	U	ug/kg	710	3500	U	ug/kg	3500	1700	U	ug/kg	1700
2,6-Dinitrotoluene	710	U	ug/kg	710	710	U	ug/kg	710	3500	U	ug/kg	3500	1700	U	ug/kg	1700
3-Nitroaniline	1700	U	ug/kg	1700	1700	U	ug/kg	1700	8600	U	ug/kg	8600	4200	U	ug/kg	4200
Acenaphthene	710	U	ug/kg	710	710	U	ug/kg	710	3500	U	ug/kg	3500	1700	U	ug/kg	1700
2,4-Dinitrophenol	1700	U	ug/kg	1700	1700	U	ug/kg	1700	8600	UJ	ug/kg	8600	4200	U	ug/kg	4200
4-Nitrophenol	1700	U	ug/kg	1700	1700	U	ug/kg	1700	8600	UJ	ug/kg	8600	4200	U	ug/kg	4200
Dibenzofuran	710	U	ug/kg	710	710	U	ug/kg	710	3500	U	ug/kg	3500	1700	U	ug/kg	1700
2,4-Dinitrotoluene	710	U	ug/kg	710	710	U	ug/kg	710	3500	U	ug/kg	3500	1700	U	ug/kg	1700
Diethylphthalate	710	U	ug/kg	710	710	U	ug/kg	710	3500	U	ug/kg	3500	1700	U	ug/kg	1700
4-Chlorophenyl-phenylether	710	U	ug/kg	710	710	U	ug/kg	710	3500	U	ug/kg	3500	1700	U	ug/kg	1700
Fluorene	710	U	ug/kg	710	710	U	ug/kg	710	3500	U	ug/kg	3500	1700	U	ug/kg	1700
4-Nitroaniline	1700	U	ug/kg	1700	1700	U	ug/kg	1700	8600	U	ug/kg	8600	4200	UJ	ug/kg	4200
4,6-Dinitro-2-methylphenol	1700	U	ug/kg	1700	1700	U	ug/kg	1700	8600	UJ	ug/kg	8600	4200	U	ug/kg	4200
N-Nitrosodiphenylamine (1)	710	U	ug/kg	710	710	U	ug/kg	710	3500	U	ug/kg	3500	1700	U	ug/kg	1700
4-Bromophenyl-phenylether	710	U	ug/kg	710	710	U	ug/kg	710	3500	U	ug/kg	3500	1700	U	ug/kg	1700
Hexachlorobenzene	710	U	ug/kg	710	710	U	ug/kg	710	3500	U	ug/kg	3500	1700	U	ug/kg	1700
Pentachlorophenol	1700	U	ug/kg	1700	1700	U	ug/kg	1700	8600	U	ug/kg	8600	4200	UJ	ug/kg	4200
Phenanthrene	710	U	ug/kg	710	710	U	ug/kg	710	520	J	ug/kg	3500	1700	U	ug/kg	1700
Anthracene	710	U	ug/kg	710	710	U	ug/kg	710	3500	U	ug/kg	3500	1700	U	ug/kg	1700
Carbazole	710	U	ug/kg	710	710	U	ug/kg	710	3500	U	ug/kg	3500	1700	U	ug/kg	1700
Di-n-butylphthalate	710	U	ug/kg	710	710	U	ug/kg	710	3500	U	ug/kg	3500	1700	U	ug/kg	1700
Fluoranthene	710	U	ug/kg	710	710	U	ug/kg	710	3500	U	ug/kg	3500	1700	U	ug/kg	1700
Pyrene	710	U	ug/kg	710	710	U	ug/kg	710	3500	U	ug/kg	3500	1700	U	ug/kg	1700
Butylbenzylphthalate	710	U	ug/kg	710	710	U	ug/kg	710	3500	U	ug/kg	3500	1700	U	ug/kg	1700

SOIL BORINGS - VALIDATED ANALYTICAL RESULTS

Lab Sample Number:	94016001				94016002				94015005				94015006			
Site	WHITING				WHITING				WHITING				WHITING			
Locator	2-SB01(0-2)				2-SB01(0-2)D				2-SB01(10-12)				2-SB01(15-17)			
Collect Date:	31-JUL-93				31-JUL-93				30-JUL-93				30-JUL-93			
	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL
3,3-Dichlorobenzidine	710	U	ug/kg	710	710	U	ug/kg	710	3500	U	ug/kg	3500	1700	U	ug/kg	1700
Benzo (a) anthracene	710	U	ug/kg	710	710	U	ug/kg	710	3500	U	ug/kg	3500	1700	U	ug/kg	1700
Chrysene	710	U	ug/kg	710	710	U	ug/kg	710	3500	U	ug/kg	3500	1700	U	ug/kg	1700
bis(2-Ethylhexyl) phthalate	90	J	ug/kg	710	120	J	ug/kg	710	3500	U	ug/kg	3500	1700	U	ug/kg	1700
Di-n-octylphthalate	710	U	ug/kg	710	710	U	ug/kg	710	3500	U	ug/kg	3500	1700	U	ug/kg	1700
Benzo (b) fluoranthene	710	U	ug/kg	710	710	U	ug/kg	710	3500	U	ug/kg	3500	1700	U	ug/kg	1700
Benzo (k) fluoranthene	710	U	ug/kg	710	710	U	ug/kg	710	3500	U	ug/kg	3500	1700	U	ug/kg	1700
Benzo (a) pyrene	710	U	ug/kg	710	710	U	ug/kg	710	3500	U	ug/kg	3500	1700	U	ug/kg	1700
Indeno (1,2,3-cd) pyrene	710	U	ug/kg	710	710	U	ug/kg	710	3500	U	ug/kg	3500	1700	U	ug/kg	1700
Dibenz (a,h) anthracene	710	U	ug/kg	710	710	U	ug/kg	710	3500	U	ug/kg	3500	1700	U	ug/kg	1700
Benzo (g,h,i) perylene	710	UJ	ug/kg	710	710	U	ug/kg	710	3500	U	ug/kg	3500	1700	U	ug/kg	1700

SOIL BORINGS - VALIDATED ANALYTICAL RESULTS

Lab Sample Number:	94015007				94015004				94015008				94015009			
Site	WHITING				WHITING				WHITING				WHITING			
Locator	2-SB01(20-22)				2-SB01(5-7)				2-SB01(50-52)				2-SB01(65-70)			
Collect Date:	30-JUL-93				30-JUL-93				30-JUL-93				30-JUL-93			
	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL
CLP SEMIVOLATILES 90-SOW																
Phenol	370	U	ug/kg	370	3500	U	ug/kg	3500	340	U	ug/kg	340	400	U	ug/kg	400
bis(2-Chloroethyl) ether	370	U	ug/kg	370	3500	U	ug/kg	3500	340	U	ug/kg	340	400	U	ug/kg	400
2-Chlorophenol	370	U	ug/kg	370	3500	U	ug/kg	3500	340	U	ug/kg	340	400	U	ug/kg	400
1,3-Dichlorobenzene	370	U	ug/kg	370	3500	U	ug/kg	3500	340	U	ug/kg	340	400	U	ug/kg	400
1,4-Dichlorobenzene	370	U	ug/kg	370	3500	U	ug/kg	3500	340	U	ug/kg	340	400	U	ug/kg	400
1,2-Dichlorobenzene	370	U	ug/kg	370	3500	U	ug/kg	3500	340	U	ug/kg	340	400	U	ug/kg	400
2-Methylphenol	370	U	ug/kg	370	3500	U	ug/kg	3500	340	U	ug/kg	340	400	U	ug/kg	400
2,2-oxybis(1-Chloropropane)	370	U	ug/kg	370	3500	U	ug/kg	3500	340	U	ug/kg	340	400	U	ug/kg	400
4-Methylphenol	370	U	ug/kg	370	3500	U	ug/kg	3500	340	U	ug/kg	340	400	U	ug/kg	400
N-Nitroso-di-n-propylamine	370	U	ug/kg	370	3500	U	ug/kg	3500	340	U	ug/kg	340	400	U	ug/kg	400
Hexachloroethane	370	U	ug/kg	370	3500	U	ug/kg	3500	340	U	ug/kg	340	400	U	ug/kg	400
Nitrobenzene	370	U	ug/kg	370	3500	U	ug/kg	3500	340	U	ug/kg	340	400	U	ug/kg	400
Isophorone	370	U	ug/kg	370	3500	U	ug/kg	3500	340	U	ug/kg	340	400	U	ug/kg	400
2-Nitrophenol	370	U	ug/kg	370	3500	U	ug/kg	3500	340	U	ug/kg	340	400	U	ug/kg	400
2,4-Dimethylphenol	370	U	ug/kg	370	3500	U	ug/kg	3500	340	U	ug/kg	340	400	U	ug/kg	400
bis(2-Chloroethoxy) methane	370	U	ug/kg	370	3500	U	ug/kg	3500	340	U	ug/kg	340	400	U	ug/kg	400
2,4-Dichlorophenol	370	U	ug/kg	370	3500	U	ug/kg	3500	340	U	ug/kg	340	400	U	ug/kg	400
1,2,4-Trichlorobenzene	370	U	ug/kg	370	3500	U	ug/kg	3500	340	U	ug/kg	340	400	U	ug/kg	400
Naphthalene	370	U	ug/kg	370	3500	U	ug/kg	3500	340	U	ug/kg	340	400	U	ug/kg	400
4-Chloroaniline	370	U	ug/kg	370	3500	U	ug/kg	3500	340	U	ug/kg	340	400	U	ug/kg	400
Hexachlorobutadiene	370	U	ug/kg	370	3500	U	ug/kg	3500	340	U	ug/kg	340	400	U	ug/kg	400
4-Chloro-3-methylphenol	370	U	ug/kg	370	3500	U	ug/kg	3500	340	U	ug/kg	340	400	U	ug/kg	400
2-Methylnaphthalene	370	U	ug/kg	370	940	J	ug/kg	3500	340	U	ug/kg	340	400	U	ug/kg	400
Hexachlorocyclopentadiene	370	U	ug/kg	370	3500	U	ug/kg	3500	340	U	ug/kg	340	400	U	ug/kg	400
2,4,6-Trichlorophenol	370	U	ug/kg	370	3500	U	ug/kg	3500	340	U	ug/kg	340	400	U	ug/kg	400
2,4,5-Trichlorophenol	890	U	ug/kg	890	8600	U	ug/kg	8600	820	U	ug/kg	820	960	U	ug/kg	960
2-Chloronaphthalene	370	U	ug/kg	370	3500	U	ug/kg	3500	340	U	ug/kg	340	400	U	ug/kg	400
2-Nitroaniline	890	U	ug/kg	890	8600	U	ug/kg	8600	820	U	ug/kg	820	960	U	ug/kg	960
Dimethylphthalate	370	U	ug/kg	370	3500	U	ug/kg	3500	340	U	ug/kg	340	400	U	ug/kg	400
Acenaphthylene	370	U	ug/kg	370	3500	U	ug/kg	3500	340	U	ug/kg	340	400	U	ug/kg	400
2,6-Dinitrotoluene	370	U	ug/kg	370	3500	U	ug/kg	3500	340	U	ug/kg	340	400	U	ug/kg	400
3-Nitroaniline	890	U	ug/kg	890	8600	U	ug/kg	8600	820	U	ug/kg	820	960	U	ug/kg	960
Acenaphthene	370	U	ug/kg	370	3500	U	ug/kg	3500	340	U	ug/kg	340	400	U	ug/kg	400
2,4-Dinitrophenol	890	UJ	ug/kg	890	8600	UJ	ug/kg	8600	820	UJ	ug/kg	820	960	UJ	ug/kg	960
4-Nitrophenol	890	UJ	ug/kg	890	8600	UJ	ug/kg	8600	820	UJ	ug/kg	820	960	UJ	ug/kg	960
Dibenzofuran	370	U	ug/kg	370	3500	U	ug/kg	3500	340	U	ug/kg	340	400	U	ug/kg	400
2,4-Dinitrotoluene	370	U	ug/kg	370	3500	U	ug/kg	3500	340	U	ug/kg	340	400	U	ug/kg	400
Diethylphthalate	370	U	ug/kg	370	3500	U	ug/kg	3500	340	U	ug/kg	340	400	U	ug/kg	400
4-Chlorophenyl-phenylether	370	U	ug/kg	370	3500	U	ug/kg	3500	340	U	ug/kg	340	400	U	ug/kg	400
Fluorene	370	U	ug/kg	370	3500	U	ug/kg	3500	340	U	ug/kg	340	400	U	ug/kg	400
4-Nitroaniline	890	U	ug/kg	890	8600	U	ug/kg	8600	820	U	ug/kg	820	960	U	ug/kg	960
4,6-Dinitro-2-methylphenol	890	UJ	ug/kg	890	8600	UJ	ug/kg	8600	820	UJ	ug/kg	820	960	UJ	ug/kg	960
N-Nitrosodiphenylamine (1)	370	U	ug/kg	370	3500	U	ug/kg	3500	340	U	ug/kg	340	400	U	ug/kg	400
4-Bromophenyl-phenylether	370	U	ug/kg	370	3500	U	ug/kg	3500	340	U	ug/kg	340	400	U	ug/kg	400
Hexachlorobenzene	370	U	ug/kg	370	3500	U	ug/kg	3500	340	U	ug/kg	340	400	U	ug/kg	400
Pentachlorophenol	890	U	ug/kg	890	8600	U	ug/kg	8600	820	U	ug/kg	820	960	U	ug/kg	960
Phenanthrene	370	U	ug/kg	370	3500	U	ug/kg	3500	340	U	ug/kg	340	400	U	ug/kg	400
Anthracene	370	U	ug/kg	370	3500	U	ug/kg	3500	340	U	ug/kg	340	400	U	ug/kg	400
Carbazole	370	U	ug/kg	370	3500	U	ug/kg	3500	340	U	ug/kg	340	400	U	ug/kg	400
Di-n-butylphthalate	370	U	ug/kg	370	3500	U	ug/kg	3500	340	U	ug/kg	340	400	U	ug/kg	400
Fluoranthene	370	U	ug/kg	370	3500	U	ug/kg	3500	340	U	ug/kg	340	400	U	ug/kg	400
Pyrene	370	U	ug/kg	370	3500	U	ug/kg	3500	340	U	ug/kg	340	400	U	ug/kg	400

SOIL BORINGS - VALIDATED ANALYTICAL RESULTS

	94015007				94015004				94015008				94015009			
Lab Sample Number:																
Site	WHITING				WHITING				WHITING				WHITING			
Locator	2-SB01(20-22)				2-SB01(5-7)				2-SB01(50-52)				2-SB01(65-70)			
Collect Date:	30-JUL-93				30-JUL-93				30-JUL-93				30-JUL-93			
	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL
Butylbenzylphthalate	370	U	ug/kg	370	3500	U	ug/kg	3500	340	U	ug/kg	340	400	U	ug/kg	400
3,3-Dichlorobenzidine	370	U	ug/kg	370	3500	U	ug/kg	3500	340	U	ug/kg	340	400	U	ug/kg	400
Benzo (a) anthracene	370	U	ug/kg	370	3500	U	ug/kg	3500	340	U	ug/kg	340	400	U	ug/kg	400
Chrysene	370	U	ug/kg	370	3500	U	ug/kg	3500	340	U	ug/kg	340	400	U	ug/kg	400
bis(2-Ethylhexyl) phthalate	370	U	ug/kg	370	3500	U	ug/kg	3500	340	U	ug/kg	340	400	U	ug/kg	400
Di-n-octylphthalate	370	U	ug/kg	370	3500	U	ug/kg	3500	340	U	ug/kg	340	400	U	ug/kg	400
Benzo (b) fluoranthene	370	U	ug/kg	370	3500	U	ug/kg	3500	340	U	ug/kg	340	400	U	ug/kg	400
Benzo (k) fluoranthene	370	U	ug/kg	370	3500	U	ug/kg	3500	340	U	ug/kg	340	400	U	ug/kg	400
Benzo (a) pyrene	370	U	ug/kg	370	3500	U	ug/kg	3500	340	U	ug/kg	340	400	U	ug/kg	400
Indeno (1,2,3-cd) pyrene	370	U	ug/kg	370	3500	U	ug/kg	3500	340	U	ug/kg	340	400	U	ug/kg	400
Dibenz (a,h) anthracene	370	U	ug/kg	370	3500	U	ug/kg	3500	340	U	ug/kg	340	400	U	ug/kg	400
Benzo (g,h,i) perylene	370	U	ug/kg	370	3500	U	ug/kg	3500	340	U	ug/kg	340	400	U	ug/kg	400

06/29/94 WHITING FIELD - [illegible] - CLP PEST/PCBs 21:58:14
SOIL BORINGS - VALIDATED ANALYTICAL RESULTS

Lab Sample Number:	94016001				94016002				94015005				94015006			
Site	WHITING				WHITING				WHITING				WHITING			
Locator	2-SB01(0-2)				2-SB01(0-2)D				2-SB01(10-12)				2-SB01(15-17)			
Collect Date:	31-JUL-93				31-JUL-93				30-JUL-93				30-JUL-93			
	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL
CLP PESTICIDES/PCBS 90-SOW																
alpha-BHC	1.8	UJ	ug/kg	1.8	1.8	UJ	ug/kg	1.8	1.8	UJ	ug/kg	1.8	1.8	UJ	ug/kg	1.8
beta-BHC	1.8	UJ	ug/kg	1.8	1.8	UJ	ug/kg	1.8	1.8	UJ	ug/kg	1.8	1.8	UJ	ug/kg	1.8
delta-BHC	1.8	UJ	ug/kg	1.8	1.8	UJ	ug/kg	1.8	1.8	UJ	ug/kg	1.8	1.8	UJ	ug/kg	1.8
gamma-BHC (Lindane)	1.8	UJ	ug/kg	1.8	1.8	UJ	ug/kg	1.8	1.8	UJ	ug/kg	1.8	1.8	UJ	ug/kg	1.8
Heptachlor	1.8	UJ	ug/kg	1.8	1.8	UJ	ug/kg	1.8	1.8	UJ	ug/kg	1.8	1.8	UJ	ug/kg	1.8
Aldrin	1.8	UJ	ug/kg	1.8	1.8	UJ	ug/kg	1.8	1.8	UJ	ug/kg	1.8	1.8	UJ	ug/kg	1.8
Heptachlor epoxide	1.8	UJ	ug/kg	1.8	1.8	UJ	ug/kg	1.8	1.8	UJ	ug/kg	1.8	1.8	UJ	ug/kg	1.8
Endosulfan I	1.8	UJ	ug/kg	1.8	1.8	UJ	ug/kg	1.8	1.8	UJ	ug/kg	1.8	1.8	UJ	ug/kg	1.8
Dieldrin	13	J	ug/kg	3.5	10	J	ug/kg	3.5	3.5	UJ	ug/kg	3.5	3.5	UJ	ug/kg	3.5
4,4-DDE	3.5	UJ	ug/kg	3.5	3.5	UJ	ug/kg	3.5	3.5	UJ	ug/kg	3.5	3.5	UJ	ug/kg	3.5
Endrin	3.5	UJ	ug/kg	3.5	3.5	UJ	ug/kg	3.5	3.5	UJ	ug/kg	3.5	3.5	UJ	ug/kg	3.5
Endosulfan II	3.5	UJ	ug/kg	3.5	3.5	UJ	ug/kg	3.5	3.5	UJ	ug/kg	3.5	3.5	UJ	ug/kg	3.5
4,4-DDD	3.5	UJ	ug/kg	3.5	3.5	UJ	ug/kg	3.5	3.5	UJ	ug/kg	3.5	3.5	UJ	ug/kg	3.5
Endosulfan sulfate	3.5	UJ	ug/kg	3.5	3.5	UJ	ug/kg	3.5	3.5	UJ	ug/kg	3.5	3.5	UJ	ug/kg	3.5
4,4-DDT	3.9	J	ug/kg	3.5	3.4	J	ug/kg	3.5	3.5	UJ	ug/kg	3.5	3.5	UJ	ug/kg	3.5
Methoxychlor	18	UJ	ug/kg	18	18	UJ	ug/kg	18	18	UJ	ug/kg	18	18	UJ	ug/kg	18
Endrin ketone	3.5	UJ	ug/kg	3.5	3.5	UJ	ug/kg	3.5	3.5	UJ	ug/kg	3.5	3.5	UJ	ug/kg	3.5
Endrin aldehyde	3.5	UJ	ug/kg	3.5	3.5	UJ	ug/kg	3.5	3.5	UJ	ug/kg	3.5	3.5	UJ	ug/kg	3.5
alpha-Chlordane	1.8	UJ	ug/kg	1.8	1.8	UJ	ug/kg	1.8	3.3	J	ug/kg	1.8	1.8	UJ	ug/kg	1.8
gamma-Chlordane	1.8	UJ	ug/kg	1.8	1.8	UJ	ug/kg	1.8	3.1	J	ug/kg	1.8	1.8	UJ	ug/kg	1.8
Toxaphene	180	UJ	ug/kg	180	180	UJ	ug/kg	180	180	UJ	ug/kg	180	180	UJ	ug/kg	180
Aroclor-1016	35	UJ	ug/kg	35	35	UJ	ug/kg	35	35	UJ	ug/kg	35	35	UJ	ug/kg	35
Aroclor-1221	72	UJ	ug/kg	72	72	UJ	ug/kg	72	72	UJ	ug/kg	72	71	UJ	ug/kg	71
Aroclor-1232	35	UJ	ug/kg	35	35	UJ	ug/kg	35	35	UJ	ug/kg	35	35	UJ	ug/kg	35
Aroclor-1242	35	UJ	ug/kg	35	35	UJ	ug/kg	35	35	UJ	ug/kg	35	35	UJ	ug/kg	35
Aroclor-1248	35	UJ	ug/kg	35	35	UJ	ug/kg	35	35	UJ	ug/kg	35	35	UJ	ug/kg	35
Aroclor-1254	35	UJ	ug/kg	35	35	UJ	ug/kg	35	35	UJ	ug/kg	35	35	UJ	ug/kg	35
Aroclor-1260	35	UJ	ug/kg	35	35	UJ	ug/kg	35	320	J	ug/kg	35	31	J	ug/kg	35

SOIL BORINGS - VALIDATED ANALYTICAL RESULTS

Lab Sample Number:	94015007				94015004				94015008				94015009			
Site	WHITING				WHITING				WHITING				WHITING			
Locator	2-SB01(20-22)				2-SB01(5-7)				2-SB01(50-52)				2-SB01(65-70)			
Collect Date:	30-JUL-93				30-JUL-93				30-JUL-93				30-JUL-93			
	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL
CLP PESTICIDES/PCBS 90-SOW																
alpha-BHC	1.9	U	ug/kg	1.9	1.8	UJ	ug/kg	1.8	1.8	U	ug/kg	1.8	2	U	ug/kg	2
beta-BHC	1.9	U	ug/kg	1.9	1.8	UJ	ug/kg	1.8	1.8	U	ug/kg	1.8	2	U	ug/kg	2
delta-BHC	1.9	U	ug/kg	1.9	1.8	UJ	ug/kg	1.8	1.8	U	ug/kg	1.8	2	U	ug/kg	2
gamma-BHC (Lindane)	1.9	U	ug/kg	1.9	1.8	UJ	ug/kg	1.8	1.8	U	ug/kg	1.8	2	U	ug/kg	2
Heptachlor	1.9	U	ug/kg	1.9	1.8	UJ	ug/kg	1.8	1.8	U	ug/kg	1.8	2	U	ug/kg	2
Aldrin	1.9	U	ug/kg	1.9	1.8	UJ	ug/kg	1.8	1.8	U	ug/kg	1.8	2	U	ug/kg	2
Heptachlor epoxide	1.9	U	ug/kg	1.9	1.8	UJ	ug/kg	1.8	1.8	U	ug/kg	1.8	2	U	ug/kg	2
Endosulfan I	1.9	U	ug/kg	1.9	1.8	UJ	ug/kg	1.8	1.8	U	ug/kg	1.8	2	U	ug/kg	2
Dieldrin	3.7	U	ug/kg	3.7	4	J	ug/kg	3.5	3.4	U	ug/kg	3.4	4	U	ug/kg	4
4,4-DDE	3.7	U	ug/kg	3.7	3.5	UJ	ug/kg	3.5	3.4	U	ug/kg	3.4	4	U	ug/kg	4
Endrin	3.7	U	ug/kg	3.7	3.5	UJ	ug/kg	3.5	3.4	U	ug/kg	3.4	4	U	ug/kg	4
Endosulfan II	3.7	U	ug/kg	3.7	3.5	UJ	ug/kg	3.5	3.4	U	ug/kg	3.4	4	U	ug/kg	4
4,4-DDD	3.7	U	ug/kg	3.7	3.5	UJ	ug/kg	3.5	3.4	U	ug/kg	3.4	4	U	ug/kg	4
Endosulfan sulfate	3.7	U	ug/kg	3.7	3.5	UJ	ug/kg	3.5	3.4	U	ug/kg	3.4	4	U	ug/kg	4
4,4-DDT	3.7	U	ug/kg	3.7	3.5	UJ	ug/kg	3.5	3.4	U	ug/kg	3.4	4	U	ug/kg	4
Methoxychlor	19	U	ug/kg	19	18	UJ	ug/kg	18	18	U	ug/kg	18	20	U	ug/kg	20
Endrin ketone	3.7	U	ug/kg	3.7	3.5	UJ	ug/kg	3.5	3.4	U	ug/kg	3.4	4	U	ug/kg	4
Endrin aldehyde	3.7	U	ug/kg	3.7	3.5	UJ	ug/kg	3.5	3.4	U	ug/kg	3.4	4	U	ug/kg	4
alpha-Chlordane	1.9	U	ug/kg	1.9	1.8	UJ	ug/kg	1.8	1.8	U	ug/kg	1.8	2	U	ug/kg	2
gamma-Chlordane	1.9	U	ug/kg	1.9	1.8	UJ	ug/kg	1.8	1.8	U	ug/kg	1.8	2	U	ug/kg	2
Toxaphene	190	U	ug/kg	190	180	UJ	ug/kg	180	180	U	ug/kg	180	200	U	ug/kg	200
Aroclor-1016	37	U	ug/kg	37	35	UJ	ug/kg	35	34	U	ug/kg	34	40	U	ug/kg	40
Aroclor-1221	74	U	ug/kg	74	72	UJ	ug/kg	72	69	U	ug/kg	69	81	U	ug/kg	81
Aroclor-1232	37	U	ug/kg	37	35	UJ	ug/kg	35	34	U	ug/kg	34	40	U	ug/kg	40
Aroclor-1242	37	U	ug/kg	37	35	UJ	ug/kg	35	34	U	ug/kg	34	40	U	ug/kg	40
Aroclor-1248	37	U	ug/kg	37	35	UJ	ug/kg	35	34	U	ug/kg	34	40	U	ug/kg	40
Aroclor-1254	37	U	ug/kg	37	35	UJ	ug/kg	35	34	U	ug/kg	34	40	U	ug/kg	40
Aroclor-1260	37	U	ug/kg	37	35	UJ	ug/kg	35	34	U	ug/kg	34	40	U	ug/kg	40

06/29/94 AR01 - Site 2 - METALS AND CYANIDE 22:00:20
SOIL BORINGS - VALIDATED ANALYTICAL RESULTS

Lab Sample Number:		94016001				94016002				94015005				94015006			
Site		WHITING				WHITING				WHITING				WHITING			
Locator		2-SB01(0-2)				2-SB01(0-2)D				2-SB01(10-12)				2-SB01(15-17)			
Collect Date:		31-JUL-93				31-JUL-93				30-JUL-93				30-JUL-93			
		VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL
CLP METALS AND CYANIDE	mg/kg																
Aluminum		5000		mg/kg	40	5950		mg/kg	40	2380		mg/kg	40	2090		mg/kg	40
Antimony		2.7	U	mg/kg	12	2.7	U	mg/kg	12	2.7	U	mg/kg	12	2.7	U	mg/kg	12
Arsenic		.91	J	mg/kg	2	.73	J	mg/kg	2	.37	J	mg/kg	2	.25	J	mg/kg	2
Barium		8.2	J	mg/kg	40	8.5	J	mg/kg	40	3.7	J	mg/kg	40	10.4	J	mg/kg	40
Beryllium		.11	U	mg/kg	1	.11	U	mg/kg	1	.11	U	mg/kg	1	.15	J	mg/kg	1
Cadmium		.26	UJ	mg/kg	1	.15	U	mg/kg	1	.24	J	mg/kg	1	.22	J	mg/kg	1
Calcium		1040	J	mg/kg	1000	923	J	mg/kg	1000	687	J	mg/kg	1000	8060		mg/kg	1000
Chromium		4.9		mg/kg	2	5.8		mg/kg	2	3		mg/kg	2	1.9	J	mg/kg	2
Cobalt		1.1	U	mg/kg	10	1.1	U	mg/kg	10	1.1	U	mg/kg	10	1.1	U	mg/kg	10
Copper		2.9	UJ	mg/kg	5	3.1	UJ	mg/kg	5	1.6	J	mg/kg	5	1.1	J	mg/kg	5
Iron		2990		mg/kg	20	3470		mg/kg	20	1750		mg/kg	20	775		mg/kg	20
Lead		18.9		mg/kg	.6	12.7		mg/kg	.6	2.6		mg/kg	.6	1.9		mg/kg	.6
Magnesium		115	J	mg/kg	1000	142	J	mg/kg	1000	78.8	J	mg/kg	1000	134	J	mg/kg	1000
Manganese		61.5		mg/kg	3	56.4		mg/kg	3	10.8		mg/kg	3	53.5		mg/kg	3
Mercury		.03	U	mg/kg	.1	.03	U	mg/kg	.1	.03	U	mg/kg	.1	.03	U	mg/kg	.03
Nickel		1.6	U	mg/kg	8	1.7	J	mg/kg	8	1.6	U	mg/kg	8	1.6	U	mg/kg	1.6
Potassium		151	UJ	mg/kg	1000	169	UJ	mg/kg	1000	104	J	mg/kg	1000	343	J	mg/kg	1000
Selenium		.15	U	mg/kg	1	.15	U	mg/kg	1	.15	U	mg/kg	1	.15	U	mg/kg	.15
Silver		.39	U	mg/kg	2	.39	U	mg/kg	2	.39	U	mg/kg	2	.38	U	mg/kg	.38
Sodium		164	J	mg/kg	1000	171	J	mg/kg	1000	137	J	mg/kg	1000	197	J	mg/kg	1000
Thallium		.15	U	mg/kg	2	.15	U	mg/kg	2	.15	U	mg/kg	2	.15	U	mg/kg	.15
Vanadium		9.2	J	mg/kg	10	10.5	J	mg/kg	10	6.5	J	mg/kg	10	2.7	J	mg/kg	10
Zinc		11	UJ	mg/kg	4	12		mg/kg	4	4.4	J	mg/kg	4	4.1	J	mg/kg	4
Cyanide		.05	U	mg/kg	1	.05	U	mg/kg	1	.05	U	mg/kg	1	.05	U	mg/kg	.05

SOIL BORINGS - VALIDATED ANALYTICAL RESULTS

Lab Sample Number:		94015007				94015004				94015008				94015009			
Site		WHITING				WHITING				WHITING				WHITING			
Locator		2-SB01(20-22)				2-SB01(5-7)				2-SB01(50-52)				2-SB01(65-70)			
Collect Date:		30-JUL-93				30-JUL-93				30-JUL-93				30-JUL-93			
		VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL
CLP METALS AND CYANIDE	mg/kg																
Aluminum		525		mg/kg	40	3760		mg/kg	40	63		mg/kg	40	221		mg/kg	40
Antimony		2.8	U	mg/kg	12	2.7	U	mg/kg	12	2.6	U	mg/kg	12	3	U	mg/kg	12
Arsenic		.13	J	mg/kg	2	.54	J	mg/kg	2	.1	U	mg/kg	2	.12	U	mg/kg	2
Barium		1.5	J	mg/kg	40	7.4	J	mg/kg	40	.54	J	mg/kg	40	.67	J	mg/kg	40
Beryllium		.11	U	mg/kg	1	.11	U	mg/kg	1	.11	J	mg/kg	1	.12	U	mg/kg	1
Cadmium		.16	U	mg/kg	1	.17	J	mg/kg	1	.24	J	mg/kg	1	.17	U	mg/kg	1
Calcium		269	J	mg/kg	1000	1820		mg/kg	1000	118	J	mg/kg	1000	135	J	mg/kg	1000
Chromium		1.9	J	mg/kg	2	3.6		mg/kg	2	1	J	mg/kg	2	1.4	J	mg/kg	2
Cobalt		1.2	U	mg/kg	10	1.1	U	mg/kg	10	1.1	U	mg/kg	10	1.2	U	mg/kg	10
Copper		.83	J	mg/kg	5	1.8	J	mg/kg	5	.43	J	mg/kg	5	.61	J	mg/kg	5
Iron		669		mg/kg	20	2170		mg/kg	20	256		mg/kg	20	325		mg/kg	20
Lead		.73		mg/kg	.6	4.9		mg/kg	.6	.25	J	mg/kg	.6	.36	J	mg/kg	.6
Magnesium		26.3	J	mg/kg	1000	261	J	mg/kg	1000	16.4	J	mg/kg	1000	14.6	J	mg/kg	1000
Manganese		3.4		mg/kg	3	31.6		mg/kg	3	1.7	J	mg/kg	3	1.8	J	mg/kg	3
Mercury		.03	U	mg/kg	.1	.03	U	mg/kg	.1	.03	U	mg/kg	.1	.03	U	mg/kg	.1
Nickel		1.7	U	mg/kg	8	1.6	U	mg/kg	8	1.6	U	mg/kg	8	1.8	U	mg/kg	8
Potassium		153	J	mg/kg	1000	138	J	mg/kg	1000	154	J	mg/kg	1000	90.3	J	mg/kg	1000
Selenium		.16	U	mg/kg	1	.15	U	mg/kg	1	.14	U	mg/kg	1	.17	U	mg/kg	1
Silver		.4	U	mg/kg	2	.39	U	mg/kg	2	.42	J	mg/kg	2	.43	U	mg/kg	2
Sodium		149	J	mg/kg	1000	154	J	mg/kg	1000	114	J	mg/kg	1000	153	J	mg/kg	1000
Thallium		.16	U	mg/kg	2	.15	U	mg/kg	2	.14	U	mg/kg	2	.17	U	mg/kg	2
Vanadium		3.5	J	mg/kg	10	7	J	mg/kg	10	.68	J	mg/kg	10	1.2	J	mg/kg	10
Zinc		2	J	mg/kg	4	5	J	mg/kg	4	3.1	J	mg/kg	4	2.2	J	mg/kg	4
Cyanide		.05	U	mg/kg	1	.05	U	mg/kg	1	.05	U	mg/kg	1	.05	U	mg/kg	1

SITE 3

08/16/93 WHITING FIELD ANALYTICAL REPORT 14:46:36
SOIL BORING - VOLATILES - VALIDATED RESULTS

Lab Sample Number:		34906012				34938001				34836005				34938003				
Site		WHITING				WHITING				WHITING				WHITING				
Locator		3SB-FB-01				3SB1-0-2				3SB1-1-2				3SB1-15-17				
Collect Date:		18-JAN-93				20-JAN-93				09-JAN-93				20-JAN-93				
	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL
CLP VOLATILES 90-SOW																
Chloromethane		-			11	U	ug/kg	11	12	U	ug/kg	12	12	U	ug/kg	12
Bromomethane		-			11	U	ug/kg	11	12	U	ug/kg	12	12	U	ug/kg	12
Vinyl chloride		-			11	U	ug/kg	11	12	U	ug/kg	12	12	U	ug/kg	12
Chloroethane		-			11	U	ug/kg	11	12	U	ug/kg	12	12	U	ug/kg	12
Methylene chloride		-			11	U	ug/kg	11	12	UJ	ug/kg	12	12	U	ug/kg	12
Acetone		-			11	UJ	ug/kg	11	12	U	ug/kg	12	12	UJ	ug/kg	12
Carbon disulfide		-			11	U	ug/kg	11	12	U	ug/kg	12	12	U	ug/kg	12
1,1-Dichloroethene		-			11	U	ug/kg	11	12	U	ug/kg	12	12	U	ug/kg	12
1,1-Dichloroethane		-			11	U	ug/kg	11	12	U	ug/kg	12	12	U	ug/kg	12
1,2-Dichloroethene (total)		-			11	U	ug/kg	11	12	U	ug/kg	12	12	U	ug/kg	12
Chloroform		-			11	U	ug/kg	11	12	U	ug/kg	12	12	U	ug/kg	12
1,2-Dichloroethane		-			11	U	ug/kg	11	12	U	ug/kg	12	12	U	ug/kg	12
2-Butanone		-			11	UJ	ug/kg	11	12	U	ug/kg	12	12	UJ	ug/kg	12
1,1,1-Trichloroethane		-			11	U	ug/kg	11	12	U	ug/kg	12	12	U	ug/kg	12
Carbon tetrachloride		-			11	U	ug/kg	11	12	U	ug/kg	12	12	U	ug/kg	12
Bromodichloromethane		-			11	U	ug/kg	11	12	U	ug/kg	12	12	U	ug/kg	12
1,2-Dichloropropane		-			11	U	ug/kg	11	12	U	ug/kg	12	12	U	ug/kg	12
cis-1,3-Dichloropropene		-			11	U	ug/kg	11	12	U	ug/kg	12	12	U	ug/kg	12
Trichloroethene		-			11	U	ug/kg	11	2	J	ug/kg	12	12	U	ug/kg	12
Dibromochloromethane		-			11	U	ug/kg	11	12	U	ug/kg	12	12	U	ug/kg	12
1,1,2-Trichloroethane		-			11	U	ug/kg	11	12	U	ug/kg	12	12	U	ug/kg	12
Benzene		-			11	U	ug/kg	11	12	U	ug/kg	12	12	U	ug/kg	12
trans-1,3-Dichloropropene		-			11	U	ug/kg	11	12	U	ug/kg	12	12	U	ug/kg	12
Bromoform		-			11	U	ug/kg	11	12	U	ug/kg	12	12	U	ug/kg	12
4-Methyl-2-pentanone		-			11	UJ	ug/kg	11	12	U	ug/kg	12	12	UJ	ug/kg	12
2-Hexanone		-			11	UJ	ug/kg	11	12	U	ug/kg	12	12	UJ	ug/kg	12
Tetrachloroethene		-			11	U	ug/kg	11	12	U	ug/kg	12	12	U	ug/kg	12
Toluene		-			11	U	ug/kg	11	12	U	ug/kg	12	12	U	ug/kg	12
1,1,2,2-Tetrachloroethane		-			11	U	ug/kg	11	12	U	ug/kg	12	12	U	ug/kg	12
Chlorobenzene		-			11	U	ug/kg	11	12	U	ug/kg	12	12	U	ug/kg	12
Ethylbenzene		-			11	U	ug/kg	11	12	U	ug/kg	12	12	U	ug/kg	12
Styrene		-			11	U	ug/kg	11	12	U	ug/kg	12	12	U	ug/kg	12
Xylenes (total)		-			11	U	ug/kg	11	12	U	ug/kg	12	12	U	ug/kg	12

U = NOT DETECTED J = ESTIMATED VALUE
UJ = REPORTED QUANTITATION LIMIT IS QUALIFIED AS ESTIMATED
R = RESULT IS REJECTED AND UNUSABLE

08/16/93 WHITING FIELD ANALYTICAL REPORT 14:46:36
SOIL BORING - VOLATILES - VALIDATED RESULTS

Lab Sample Number:	34939001				34939002				34939001MS				34939001MS			
Site	WHITING				WHITING				WHITING				WHITING			
Locator	3SB1-25-27				3SB1-25-27A				3SB1-25-27MS				3SB1-25-27MS			
Collect Date:	20-JAN-93				20-JAN-93				20-JAN-93				20-JAN-93			
	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL
CLP VOLATILES 90-SOW																
Chloromethane	11	U	ug/kg	11	11	U	ug/kg	11	11	U	ug/kg	11	-			
Bromomethane	11	U	ug/kg	11	11	U	ug/kg	11	11	U	ug/kg	11	-			
Vinyl chloride	11	U	ug/kg	11	11	U	ug/kg	11	11	U	ug/kg	11	-			
Chloroethane	11	U	ug/kg	11	11	U	ug/kg	11	11	U	ug/kg	11	-			
Methylene chloride	11	UJ	ug/kg	11	11	U	ug/kg	11	11	U	ug/kg	11	-			
Acetone	11	U	ug/kg	11	11	UJ	ug/kg	11	11	U	ug/kg	11	-			
Carbon disulfide	11	U	ug/kg	11	11	U	ug/kg	11	11	U	ug/kg	11	-			
1,1-Dichloroethene	11	U	ug/kg	11	11	U	ug/kg	11	33		ug/kg	11	-			
1,1-Dichloroethane	11	U	ug/kg	11	11	U	ug/kg	11	11	U	ug/kg	11	-			
1,2-Dichloroethene (total)	11	U	ug/kg	11	11	U	ug/kg	11	11	U	ug/kg	11	-			
Chloroform	11	U	ug/kg	11	11	U	ug/kg	11	11	U	ug/kg	11	-			
1,2-Dichloroethane	11	UJ	ug/kg	11	11	UJ	ug/kg	11	11	U	ug/kg	11	-			
2-Butanone	11	UJ	ug/kg	11	11	UJ	ug/kg	11	11	U	ug/kg	11	-			
1,1,1-Trichloroethane	11	U	ug/kg	11	11	U	ug/kg	11	11	U	ug/kg	11	-			
Carbon tetrachloride	11	U	ug/kg	11	11	U	ug/kg	11	11	U	ug/kg	11	-			
Bromodichloromethane	11	U	ug/kg	11	11	U	ug/kg	11	11	U	ug/kg	11	-			
1,2-Dichloropropane	11	U	ug/kg	11	11	U	ug/kg	11	11	U	ug/kg	11	-			
cis-1,3-Dichloropropene	11	U	ug/kg	11	11	U	ug/kg	11	11	U	ug/kg	11	-			
Trichloroethene	11	U	ug/kg	11	11	U	ug/kg	11	45		ug/kg	11	-			
Dibromochloromethane	11	U	ug/kg	11	11	U	ug/kg	11	11	U	ug/kg	11	-			
1,1,2-Trichloroethane	11	U	ug/kg	11	11	U	ug/kg	11	11	U	ug/kg	11	-			
Benzene	11	U	ug/kg	11	11	U	ug/kg	11	41		ug/kg	11	-			
trans-1,3-Dichloropropene	11	UJ	ug/kg	11	11	UJ	ug/kg	11	11	U	ug/kg	11	-			
Bromoform	11	U	ug/kg	11	11	U	ug/kg	11	11	U	ug/kg	11	-			
4-Methyl-2-pentanone	11	UJ	ug/kg	11	11	UJ	ug/kg	11	11	U	ug/kg	11	-			
2-Hexanone	11	UJ	ug/kg	11	11	UJ	ug/kg	11	11	U	ug/kg	11	-			
Tetrachloroethene	11	U	ug/kg	11	11	U	ug/kg	11	11	U	ug/kg	11	-			
Toluene	11	U	ug/kg	11	11	U	ug/kg	11	50		ug/kg	11	-			
1,1,2,2-Tetrachloroethane	11	U	ug/kg	11	11	U	ug/kg	11	11	U	ug/kg	11	-			
Chlorobenzene	11	U	ug/kg	11	11	U	ug/kg	11	49		ug/kg	11	-			
Ethylbenzene	11	U	ug/kg	11	11	U	ug/kg	11	11	U	ug/kg	11	-			
Styrene	11	U	ug/kg	11	11	U	ug/kg	11	11	U	ug/kg	11	-			
Xylenes (total)	11	U	ug/kg	11	11	U	ug/kg	11	11	U	ug/kg	11	-			

U = NOT DETECTED J = ESTIMATED VALUE
UJ - REPORTED QUANTITATION LIMIT IS QUALIFIED AS ESTIMATED
R - RESULT IS REJECTED AND UNUSABLE

08/16/93 WHITING FIELD ANALYTICAL REPORT 14:46:36
SOIL BORING - VOLATILES - VALIDATED RESULTS

Lab Sample Number:	34939001MS				34938002			
Site	WHITING				WHITING			
Locator	3SB1-25-27MSD				3SB1-5-7			
Collect Date:	20-JAN-93				20-JAN-93			
	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL
CLP VOLATILES 90-SOW								
Chloromethane	11	U	ug/kg	11	12	U	ug/kg	12
Bromomethane	11	U	ug/kg	11	12	U	ug/kg	12
Vinyl chloride	11	U	ug/kg	11	12	U	ug/kg	12
Chloroethane	11	U	ug/kg	11	12	U	ug/kg	12
Methylene chloride	11	U	ug/kg	11	12	U	ug/kg	12
Acetone	11	U	ug/kg	11	12	UJ	ug/kg	12
Carbon disulfide	11	U	ug/kg	11	12	U	ug/kg	12
1,1-Dichloroethene	40		ug/kg	11	12	U	ug/kg	12
1,1-Dichloroethane	11	U	ug/kg	11	12	U	ug/kg	12
1,2-Dichloroethene (total)	11	U	ug/kg	11	12	U	ug/kg	12
Chloroform	11	U	ug/kg	11	12	U	ug/kg	12
1,2-Dichloroethane	11	U	ug/kg	11	12	U	ug/kg	12
2-Butanone	11	U	ug/kg	11	12	UJ	ug/kg	12
1,1,1-Trichloroethane	11	U	ug/kg	11	12	U	ug/kg	12
Carbon tetrachloride	11	U	ug/kg	11	12	U	ug/kg	12
Bromodichloromethane	11	U	ug/kg	11	12	U	ug/kg	12
1,2-Dichloropropane	11	U	ug/kg	11	12	U	ug/kg	12
cis-1,3-Dichloropropene	11	U	ug/kg	11	12	U	ug/kg	12
Trichloroethene	49		ug/kg	11	12	U	ug/kg	12
Dibromochloromethane	11	U	ug/kg	11	12	U	ug/kg	12
1,1,2-Trichloroethane	11	U	ug/kg	11	12	U	ug/kg	12
Benzene	45		ug/kg	11	12	U	ug/kg	12
trans-1,3-Dichloropropene	11	U	ug/kg	11	12	U	ug/kg	12
Bromoform	11	U	ug/kg	11	12	U	ug/kg	12
4-Methyl-2-pentanone	11	U	ug/kg	11	12	UJ	ug/kg	12
2-Hexanone	11	U	ug/kg	11	12	UJ	ug/kg	12
Tetrachloroethene	11	U	ug/kg	11	12	U	ug/kg	12
Toluene	51		ug/kg	11	12	U	ug/kg	12
1,1,2,2-Tetrachloroethane	11	U	ug/kg	11	12	U	ug/kg	12
Chlorobenzene	51		ug/kg	11	12	U	ug/kg	12
Ethylbenzene	11	U	ug/kg	11	12	U	ug/kg	12
Styrene	11	U	ug/kg	11	12	U	ug/kg	12
Xylenes (total)	11	U	ug/kg	11	12	U	ug/kg	12

U = NOT DETECTED J = ESTIMATED VALUE
UJ = REPORTED QUANTITATION LIMIT IS QUALIFIED AS ESTIMATED
R = RESULT IS REJECTED AND UNUSABLE

08/16/93 WHITING FIELD ANALYTICAL REPORT 14:48:36
SOIL BORING - VOLATILES - VALIDATED RESULTS

Lab Sample Number:	34836001			34836001			34836002			34836002		
Site	WHITING			WHITING			WHITING			WHITING		
Locator	3SB2-1-2			3SB2-1-2			3SB2-5-7			3SB2-5-7		
Collect Date:	09-JAN-93			09-JAN-93			09-JAN-93			09-JAN-93		
	VALUE QUAL	UNITS	DL	VALUE QUAL	UNITS	DL	VALUE QUAL	UNITS	DL	VALUE QUAL	UNITS	DL
CLP VOLATILES 90-SOW												
Chloromethane	11 U	ug/kg	11	-			11 U	ug/kg	11	-		
Bromomethane	11 U	ug/kg	11	-			11 U	ug/kg	11	-		
Vinyl chloride	11 U	ug/kg	11	-			11 U	ug/kg	11	-		
Chloroethane	11 U	ug/kg	11	-			11 U	ug/kg	11	-		
Methylene chloride	11 UJ	ug/kg	11	-			11 UJ	ug/kg	11	-		
Acetone	11 U	ug/kg	11	-			7 J	ug/kg	11	-		
Carbon disulfide	11 U	ug/kg	11	-			11 U	ug/kg	11	-		
1,1-Dichloroethene	11 U	ug/kg	11	-			11 U	ug/kg	11	-		
1,1-Dichloroethane	11 U	ug/kg	11	-			11 U	ug/kg	11	-		
1,2-Dichloroethene (total)	11 U	ug/kg	11	-			11 U	ug/kg	11	-		
Chloroform	11 U	ug/kg	11	-			11 U	ug/kg	11	-		
1,2-Dichloroethane	11 U	ug/kg	11	-			11 U	ug/kg	11	-		
2-Butanone	11 U	ug/kg	11	-			11 U	ug/kg	11	-		
1,1,1-Trichloroethane	11 U	ug/kg	11	-			11 U	ug/kg	11	-		
Carbon tetrachloride	11 U	ug/kg	11	-			11 U	ug/kg	11	-		
Bromodichloromethane	11 U	ug/kg	11	-			11 U	ug/kg	11	-		
1,2-Dichloropropane	11 U	ug/kg	11	-			11 U	ug/kg	11	-		
cis-1,3-Dichloropropene	11 U	ug/kg	11	-			11 U	ug/kg	11	-		
Trichloroethene	11 U	ug/kg	11	-			11 U	ug/kg	11	-		
Dibromochloromethane	11 U	ug/kg	11	-			11 U	ug/kg	11	-		
1,1,2-Trichloroethane	11 U	ug/kg	11	-			11 U	ug/kg	11	-		
Benzene	11 U	ug/kg	11	-			11 U	ug/kg	11	-		
trans-1,3-Dichloropropene	11 U	ug/kg	11	-			11 U	ug/kg	11	-		
Bromoform	11 U	ug/kg	11	-			11 U	ug/kg	11	-		
4-Methyl-2-pentanone	11 U	ug/kg	11	-			11 U	ug/kg	11	-		
2-Hexanone	11 U	ug/kg	11	-			11 U	ug/kg	11	-		
Tetrachloroethene	11 U	ug/kg	11	-			11 U	ug/kg	11	-		
Toluene	11 U	ug/kg	11	-			11 U	ug/kg	11	-		
1,1,2,2-Tetrachloroethane	11 U	ug/kg	11	-			11 U	ug/kg	11	-		
Chlorobenzene	11 U	ug/kg	11	-			11 U	ug/kg	11	-		
Ethylbenzene	11 U	ug/kg	11	-			11 U	ug/kg	11	-		
Styrene	11 U	ug/kg	11	-			11 U	ug/kg	11	-		
Xylenes (total)	11 U	ug/kg	11	-			11 U	ug/kg	11	-		

U = NOT DETECTED J = ESTIMATED VALUE
UJ - [illegible]PORTED QUANTITATION LIMIT IS QUALIFIED AS ESTIMATED
R = [illegible]ULT IS REJECTED AND UNUSABLE

08/16/93 WHITING FIELD ANALYTICAL REPORT 14:48:36
SOIL BORING - VOLATILES - VALIDATED RESULTS

Lab Sample Number:	34836003				34836003				34836004				34836004			
Site	WHITING				WHITING				WHITING				WHITING			
Locator	3SB2-10-12				3SB2-10-12				3SB2-10-12A				3SB2-10-12A			
Collect Date:	09-JAN-93				09-JAN-93				09-JAN-93				09-JAN-93			
	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL
CLP VOLATILES 90-SOW																
Chloromethane	11	U	ug/kg	11	-				11	U	ug/kg	11	-			
Bromomethane	11	U	ug/kg	11	-				11	U	ug/kg	11	-			
Vinyl chloride	11	U	ug/kg	11	-				11	U	ug/kg	11	-			
Chloroethane	11	U	ug/kg	11	-				11	U	ug/kg	11	-			
Methylene chloride	11	UJ	ug/kg	11	-				11	UJ	ug/kg	11	-			
Acetone	3	J	ug/kg	11	-				1	J	ug/kg	11	-			
Carbon disulfide	11	U	ug/kg	11	-				11	U	ug/kg	11	-			
1,1-Dichloroethene	11	U	ug/kg	11	-				11	U	ug/kg	11	-			
1,1-Dichloroethane	11	U	ug/kg	11	-				11	U	ug/kg	11	-			
1,2-Dichloroethene (total)	11	U	ug/kg	11	-				11	U	ug/kg	11	-			
Chloroform	11	U	ug/kg	11	-				11	U	ug/kg	11	-			
1,2-Dichloroethane	11	U	ug/kg	11	-				11	U	ug/kg	11	-			
2-Butanone	11	U	ug/kg	11	-				11	U	ug/kg	11	-			
1,1,1-Trichloroethane	11	U	ug/kg	11	-				11	U	ug/kg	11	-			
Carbon tetrachloride	11	U	ug/kg	11	-				11	U	ug/kg	11	-			
Bromodichloromethane	11	U	ug/kg	11	-				11	U	ug/kg	11	-			
1,2-Dichloropropane	11	U	ug/kg	11	-				11	U	ug/kg	11	-			
cis-1,3-Dichloropropene	11	U	ug/kg	11	-				11	U	ug/kg	11	-			
Trichloroethene	11	U	ug/kg	11	-				11	U	ug/kg	11	-			
Dibromochloromethane	11	U	ug/kg	11	-				11	U	ug/kg	11	-			
1,1,2-Trichloroethane	11	U	ug/kg	11	-				11	U	ug/kg	11	-			
Benzene	11	U	ug/kg	11	-				11	U	ug/kg	11	-			
trans-1,3-Dichloropropene	11	U	ug/kg	11	-				11	U	ug/kg	11	-			
Bromoform	11	U	ug/kg	11	-				11	U	ug/kg	11	-			
4-Methyl-2-pentanone	11	U	ug/kg	11	-				11	U	ug/kg	11	-			
2-Hexanone	11	U	ug/kg	11	-				11	U	ug/kg	11	-			
Tetrachloroethene	11	U	ug/kg	11	-				11	U	ug/kg	11	-			
Toluene	11	U	ug/kg	11	-				11	U	ug/kg	11	-			
1,1,2,2-Tetrachloroethane	11	U	ug/kg	11	-				11	U	ug/kg	11	-			
Chlorobenzene	11	U	ug/kg	11	-				11	U	ug/kg	11	-			
Ethylbenzene	11	U	ug/kg	11	-				11	U	ug/kg	11	-			
Styrene	11	U	ug/kg	11	-				11	U	ug/kg	11	-			
Xylenes (total)	11	U	ug/kg	11	-				11	U	ug/kg	11	-			

U = NOT DETECTED J = ESTIMATED VALUE
UJ = REPORTED QUANTITATION LIMIT IS QUALIFIED AS ESTIMATED
R = RESULT IS REJECTED AND UNUSABLE

08/16/93 WHITING FIELD ANALYTICAL REPORT 14:49:44
SOIL BORING - VOLATILES - VALIDATED RESULTS

Lab Sample Number:	34848004				34848004				34848003				34848003			
Site	WHITING				WHITING				WHITING				WHITING			
Locator	3SB3-0-2				3SB3-0-2				3SB3-5-7				3SB3-5-7			
Collect Date:	12-JAN-93				12-JAN-93				12-JAN-93				12-JAN-93			
	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL
CLP VOLATILES 90-SOW																
Chloromethane	11	UJ	ug/kg	11	-				12	UJ	ug/kg	12	-			
Bromomethane	11	U	ug/kg	11	-				12	U	ug/kg	12	-			
Vinyl chloride	11	U	ug/kg	11	-				12	U	ug/kg	12	-			
Chloroethane	11	U	ug/kg	11	-				12	U	ug/kg	12	-			
Methylene chloride	11	U	ug/kg	11	-				12	U	ug/kg	12	-			
Acetone	100		ug/kg	11	-				90		ug/kg	12	-			
Carbon disulfide	11	U	ug/kg	11	-				12	U	ug/kg	12	-			
1,1-Dichloroethene	11	U	ug/kg	11	-				12	U	ug/kg	12	-			
1,1-Dichloroethane	11	U	ug/kg	11	-				12	U	ug/kg	12	-			
1,2-Dichloroethene (total)	11	U	ug/kg	11	-				12	U	ug/kg	12	-			
Chloroform	11	U	ug/kg	11	-				12	U	ug/kg	12	-			
1,2-Dichloroethane	11	U	ug/kg	11	-				12	U	ug/kg	12	-			
2-Butanone	6	J	ug/kg	11	-				12	U	ug/kg	12	-			
1,1,1-Trichloroethane	11	U	ug/kg	11	-				12	U	ug/kg	12	-			
Carbon tetrachloride	11	U	ug/kg	11	-				12	U	ug/kg	12	-			
Bromodichloromethane	11	U	ug/kg	11	-				12	U	ug/kg	12	-			
1,2-Dichloropropane	11	U	ug/kg	11	-				12	U	ug/kg	12	-			
cis-1,3-Dichloropropene	11	U	ug/kg	11	-				12	U	ug/kg	12	-			
Trichloroethene	11	U	ug/kg	11	-				12	U	ug/kg	12	-			
Dibromochloromethane	11	U	ug/kg	11	-				12	U	ug/kg	12	-			
1,1,2-Trichloroethane	11	U	ug/kg	11	-				12	U	ug/kg	12	-			
Benzene	11	U	ug/kg	11	-				12	U	ug/kg	12	-			
trans-1,3-Dichloropropene	11	U	ug/kg	11	-				12	U	ug/kg	12	-			
Bromoform	11	U	ug/kg	11	-				12	U	ug/kg	12	-			
4-Methyl-2-pentanone	11	U	ug/kg	11	-				12	U	ug/kg	12	-			
2-Hexanone	11	U	ug/kg	11	-				12	U	ug/kg	12	-			
Tetrachloroethene	11	U	ug/kg	11	-				12	U	ug/kg	12	-			
Toluene	11	U	ug/kg	11	-				12	U	ug/kg	12	-			
1,1,2,2-Tetrachloroethane	11	U	ug/kg	11	-				12	U	ug/kg	12	-			
Chlorobenzene	11	U	ug/kg	11	-				12	U	ug/kg	12	-			
Ethylbenzene	11	U	ug/kg	11	-				12	U	ug/kg	12	-			
Styrene	11	U	ug/kg	11	-				12	U	ug/kg	12	-			
Xylenes (total)	11	U	ug/kg	11	-				12	U	ug/kg	12	-			

U = NOT DETECTED J = ESTIMATED VALUE
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R - RESULT IS REJECTED AND UNUSABLE

08/16/93 WHITING FIELD ANALYTICAL REPORT 14:49:44
SOIL BORING - VOLATILES - VALIDATED RESULTS

Lab Sample Number:	34848002				34848002				34848002				34848002			
Site	WHITING				WHITING				WHITING				WHITING			
Locator	3SB3-10-12				3SB3-10-12				3SB3-10-12				3SB3-10-12			
Collect Date:	12-JAN-93				12-JAN-93				12-JAN-93				12-JAN-93			
	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL
CLP VOLATILES 90-SOW																
Chloromethane	11	UJ	ug/kg	11	-				11	UJ	ug/kg	11	-			
Bromomethane	11	U	ug/kg	11	-				11	U	ug/kg	11	-			
Vinyl chloride	11	U	ug/kg	11	-				11	U	ug/kg	11	-			
Chloroethane	11	U	ug/kg	11	-				11	U	ug/kg	11	-			
Methylene chloride	11	U	ug/kg	11	-				11	U	ug/kg	11	-			
Acetone	59		ug/kg	11	-				59		ug/kg	11	-			
Carbon disulfide	11	U	ug/kg	11	-				11	U	ug/kg	11	-			
1,1-Dichloroethene	11	U	ug/kg	11	-				11	U	ug/kg	11	-			
1,1-Dichloroethane	11	U	ug/kg	11	-				11	U	ug/kg	11	-			
1,2-Dichloroethene (total)	11	U	ug/kg	11	-				11	U	ug/kg	11	-			
Chloroform	11	U	ug/kg	11	-				11	U	ug/kg	11	-			
1,2-Dichloroethane	11	U	ug/kg	11	-				11	U	ug/kg	11	-			
2-Butanone	11	U	ug/kg	11	-				11	U	ug/kg	11	-			
1,1,1-Trichloroethane	11	U	ug/kg	11	-				11	U	ug/kg	11	-			
Carbon tetrachloride	11	U	ug/kg	11	-				11	U	ug/kg	11	-			
Bromodichloromethane	11	U	ug/kg	11	-				11	U	ug/kg	11	-			
1,2-Dichloropropane	11	U	ug/kg	11	-				11	U	ug/kg	11	-			
cis-1,3-Dichloropropene	11	U	ug/kg	11	-				11	U	ug/kg	11	-			
Trichloroethene	11	U	ug/kg	11	-				11	U	ug/kg	11	-			
Dibromochloromethane	11	U	ug/kg	11	-				11	U	ug/kg	11	-			
1,1,2-Trichloroethane	11	U	ug/kg	11	-				11	U	ug/kg	11	-			
Benzene	11	U	ug/kg	11	-				11	U	ug/kg	11	-			
trans-1,3-Dichloropropene	11	U	ug/kg	11	-				11	U	ug/kg	11	-			
Bromoform	11	U	ug/kg	11	-				11	U	ug/kg	11	-			
4-Methyl-2-pentanone	11	U	ug/kg	11	-				11	U	ug/kg	11	-			
2-Hexanone	11	U	ug/kg	11	-				11	U	ug/kg	11	-			
Tetrachloroethene	11	U	ug/kg	11	-				11	U	ug/kg	11	-			
Toluene	11	U	ug/kg	11	-				11	U	ug/kg	11	-			
1,1,2,2-Tetrachloroethane	11	U	ug/kg	11	-				11	U	ug/kg	11	-			
Chlorobenzene	11	U	ug/kg	11	-				11	U	ug/kg	11	-			
Ethylbenzene	11	U	ug/kg	11	-				11	U	ug/kg	11	-			
Styrene	11	U	ug/kg	11	-				11	U	ug/kg	11	-			
Xylenes (total)	11	U	ug/kg	11	-				11	U	ug/kg	11	-			

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08/16/93 WHITING FIELD ANALYTICAL REPORT 14:50:53
SOIL BORING - VOLATILES - VALIDATED RESULTS

Lab Sample Number:	34848007				34848007				34848006				74848006			
Site	WHITING				WHITING				WHITING				WHITING			
Locator	3SB4-0-2				3SB4-0-2				3SB4-5-7				3SB4-5-7			
Collect Date:	12-JAN-93				12-JAN-93				12-JAN-93				12-JAN-93			
	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL
CLP VOLATILES 90-SOW																
Chloromethane	11	UJ	ug/kg	11	-				-				11	UJ	ug/kg	11
Bromomethane	11	U	ug/kg	11	-				-				11	U	ug/kg	11
Vinyl chloride	11	U	ug/kg	11	-				-				11	U	ug/kg	11
Chloroethane	11	U	ug/kg	11	-				-				11	U	ug/kg	11
Methylene chloride	11	U	ug/kg	11	-				-				11	U	ug/kg	11
Acetone	16		ug/kg	11	-				-				23		ug/kg	11
Carbon disulfide	11	U	ug/kg	11	-				-				11	U	ug/kg	11
1,1-Dichloroethene	11	U	ug/kg	11	-				-				11	U	ug/kg	11
1,1-Dichloroethane	11	U	ug/kg	11	-				-				11	U	ug/kg	11
1,2-Dichloroethene (total)	11	U	ug/kg	11	-				-				11	U	ug/kg	11
Chloroform	11	U	ug/kg	11	-				-				11	U	ug/kg	11
1,2-Dichloroethane	11	U	ug/kg	11	-				-				11	U	ug/kg	11
2-Butanone	11	U	ug/kg	11	-				-				11	U	ug/kg	11
1,1,1-Trichloroethane	11	U	ug/kg	11	-				-				11	U	ug/kg	11
Carbon tetrachloride	11	U	ug/kg	11	-				-				11	U	ug/kg	11
Bromodichloromethane	11	U	ug/kg	11	-				-				11	U	ug/kg	11
1,2-Dichloropropane	11	U	ug/kg	11	-				-				11	U	ug/kg	11
cis-1,3-Dichloropropene	11	U	ug/kg	11	-				-				11	U	ug/kg	11
Trichloroethene	11	U	ug/kg	11	-				-				11	U	ug/kg	11
Dibromochloromethane	11	U	ug/kg	11	-				-				11	U	ug/kg	11
1,1,2-Trichloroethane	11	U	ug/kg	11	-				-				11	U	ug/kg	11
Benzene	11	U	ug/kg	11	-				-				11	U	ug/kg	11
trans-1,3-Dichloropropene	11	U	ug/kg	11	-				-				11	U	ug/kg	11
Bromoform	11	U	ug/kg	11	-				-				11	U	ug/kg	11
4-Methyl-2-pentanone	11	U	ug/kg	11	-				-				11	U	ug/kg	11
2-Hexanone	11	U	ug/kg	11	-				-				11	U	ug/kg	11
Tetrachloroethene	11	U	ug/kg	11	-				-				11	U	ug/kg	11
Toluene	11	U	ug/kg	11	-				-				11	U	ug/kg	11
1,1,2,2-Tetrachloroethane	11	U	ug/kg	11	-				-				11	U	ug/kg	11
Chlorobenzene	11	U	ug/kg	11	-				-				11	U	ug/kg	11
Ethylbenzene	11	U	ug/kg	11	-				-				11	U	ug/kg	11
Styrene	11	U	ug/kg	11	-				-				11	U	ug/kg	11
Xylenes (total)	11	U	ug/kg	11	-				-				11	U	ug/kg	11

U = NOT DETECTED J = ESTIMATED VALUE
UJ PORTED QUANTITATION LIMIT IS QUALIFIED AS ESTIMATED
R ULT IS REJECTED AND UNUSABLE

08/16/93 WHITING FIELD ANALYTICAL REPORT 14:50:53
SOIL BORING - VOLATILES - VALIDATED RESULTS

Lab Sample Number:	34848006				34848005				34848005		
Site	WHITING				WHITING				WHITING		
Locator	3SB4-5-7				3SB4-10-12				3SB4-10-12		
Collect Date:	12-JAN-93				12-JAN-93				12-JAN-93		
	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL
CLP VOLATILES 90-SOW												
Chloromethane	-				11	UJ	ug/kg		11			
Bromomethane	-				11	U	ug/kg		11			
Vinyl chloride	-				11	U	ug/kg		11			
Chloroethane	-				11	U	ug/kg		11			
Methylene chloride	-				11	U	ug/kg		11			
Acetone	-				69		ug/kg		11			
Carbon disulfide	-				11	U	ug/kg		11			
1,1-Dichloroethene	-				11	U	ug/kg		11			
1,1-Dichloroethane	-				11	U	ug/kg		11			
1,2-Dichloroethene (total)	-				11	U	ug/kg		11			
Chloroform	-				11	U	ug/kg		11			
1,2-Dichloroethane	-				11	U	ug/kg		11			
2-Butanone	-				11	U	ug/kg		11			
1,1,1-Trichloroethane	-				11	U	ug/kg		11			
Carbon tetrachloride	-				11	U	ug/kg		11			
Bromodichloromethane	-				11	U	ug/kg		11			
1,2-Dichloropropane	-				11	U	ug/kg		11			
cis-1,3-Dichloropropene	-				11	U	ug/kg		11			
Trichloroethene	-				11	U	ug/kg		11			
Dibromochloromethane	-				11	U	ug/kg		11			
1,1,2-Trichloroethane	-				11	U	ug/kg		11			
Benzene	-				11	U	ug/kg		11			
trans-1,3-Dichloropropene	-				11	U	ug/kg		11			
Bromoform	-				11	U	ug/kg		11			
4-Methyl-2-pentanone	-				11	U	ug/kg		11			
2-Hexanone	-				11	U	ug/kg		11			
Tetrachloroethene	-				11	U	ug/kg		11			
Toluene	-				11	U	ug/kg		11			
1,1,2,2-Tetrachloroethane	-				11	U	ug/kg		11			
Chlorobenzene	-				11	U	ug/kg		11			
Ethylbenzene	-				11	U	ug/kg		11			
Styrene	-				11	U	ug/kg		11			
Xylenes (total)	-				11	U	ug/kg		11			

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08/16/93 WHITING FIELD ANALYTICAL REPORT 14:51:58
SOIL BORING - VOLATILES - VALIDATED RESULTS

Lab Sample Number:	34833008				34833009				34833010			
Site	WHITING				WHITING				WHITING			
Locator	3SB5-1-2				3SB5-5-7				3SB5-10-12			
Collect Date:	08-JAN-93				08-JAN-93				08-JAN-93			
	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL
CLP VOLATILES 90-SOW												
Chloromethane	11	U	ug/kg	11	11	U	ug/kg	11	12	U	ug/kg	12
Bromomethane	11	U	ug/kg	11	11	U	ug/kg	11	12	U	ug/kg	12
Vinyl chloride	11	U	ug/kg	11	11	U	ug/kg	11	12	U	ug/kg	12
Chloroethane	11	U	ug/kg	11	11	U	ug/kg	11	12	U	ug/kg	12
Methylene chloride	11	UJ	ug/kg	11	11	UJ	ug/kg	11	12	UJ	ug/kg	12
Acetone	11	UJ	ug/kg	11	12	UJ	ug/kg	11	12	UJ	ug/kg	12
Carbon disulfide	11	U	ug/kg	11	11	U	ug/kg	11	12	U	ug/kg	12
1,1-Dichloroethene	11	U	ug/kg	11	11	U	ug/kg	11	12	U	ug/kg	12
1,1-Dichloroethane	11	U	ug/kg	11	11	U	ug/kg	11	12	U	ug/kg	12
1,2-Dichloroethene (total)	11	U	ug/kg	11	11	U	ug/kg	11	12	U	ug/kg	12
Chloroform	11	U	ug/kg	11	11	U	ug/kg	11	12	U	ug/kg	12
1,2-Dichloroethane	11	U	ug/kg	11	11	U	ug/kg	11	12	U	ug/kg	12
2-Butanone	11	U	ug/kg	11	11	U	ug/kg	11	12	U	ug/kg	12
1,1,1-Trichloroethane	11	U	ug/kg	11	11	U	ug/kg	11	12	U	ug/kg	12
Carbon tetrachloride	11	U	ug/kg	11	11	U	ug/kg	11	12	U	ug/kg	12
Bromodichloromethane	11	U	ug/kg	11	11	U	ug/kg	11	12	U	ug/kg	12
1,2-Dichloropropane	11	U	ug/kg	11	11	U	ug/kg	11	12	U	ug/kg	12
cis-1,3-Dichloropropene	11	U	ug/kg	11	11	U	ug/kg	11	12	U	ug/kg	12
Trichloroethene	11	U	ug/kg	11	11	U	ug/kg	11	12	U	ug/kg	12
Dibromochloromethane	11	U	ug/kg	11	11	U	ug/kg	11	12	U	ug/kg	12
1,1,2-Trichloroethane	11	U	ug/kg	11	11	U	ug/kg	11	12	U	ug/kg	12
Benzene	11	U	ug/kg	11	11	U	ug/kg	11	12	U	ug/kg	12
trans-1,3-Dichloropropene	11	U	ug/kg	11	11	U	ug/kg	11	12	U	ug/kg	12
Bromoform	11	U	ug/kg	11	11	U	ug/kg	11	12	U	ug/kg	12
4-Methyl-2-pentanone	11	U	ug/kg	11	11	U	ug/kg	11	12	U	ug/kg	12
2-Hexanone	11	U	ug/kg	11	11	U	ug/kg	11	12	U	ug/kg	12
Tetrachloroethene	3	J	ug/kg	11	3	J	ug/kg	11	12	U	ug/kg	12
Toluene	11	U	ug/kg	11	11	U	ug/kg	11	12	U	ug/kg	12
1,1,2,2-Tetrachloroethane	11	U	ug/kg	11	11	U	ug/kg	11	12	U	ug/kg	12
Chlorobenzene	11	U	ug/kg	11	11	U	ug/kg	11	12	U	ug/kg	12
Ethylbenzene	11	U	ug/kg	11	11	U	ug/kg	11	12	U	ug/kg	12
Styrene	11	U	ug/kg	11	11	U	ug/kg	11	12	U	ug/kg	12
Xylenes (total)	11	U	ug/kg	11	11	U	ug/kg	11	12	U	ug/kg	12

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08/16/93 WHITING FIELD ANALYTICAL REPORT 14:52:39
SOIL BORING - VOLATILES - VALIDATED RESULTS

Lab Sample Number:	34906001				34906002				34906003				34906004			
Site	WHITING				WHITING				WHITING				WHITING			
Locator	3SB6-1-2				3SB6-5-7				3SB6-10-12				3SB6-15-17			
Collect Date:	18-JAN-93				18-JAN-93				18-JAN-93				18-JAN-93			
	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL
CLP VOLATILES 90-SOW																
Chloromethane	10	U	ug/kg	10	12	U	ug/kg	12	12	U	ug/kg	12	12	U	ug/kg	12
Bromomethane	10	U	ug/kg	10	12	U	ug/kg	12	12	U	ug/kg	12	12	U	ug/kg	12
Vinyl chloride	10	U	ug/kg	10	12	U	ug/kg	12	12	U	ug/kg	12	12	U	ug/kg	12
Chloroethane	10	U	ug/kg	10	12	U	ug/kg	12	12	U	ug/kg	12	12	U	ug/kg	12
Methylene chloride	10	U	ug/kg	10	12	U	ug/kg	12	12	U	ug/kg	12	12	U	ug/kg	12
Acetone	10	UJ	ug/kg	10	15	J	ug/kg	12	13	J	ug/kg	12	22	J	ug/kg	12
Carbon disulfide	10	U	ug/kg	10	12	U	ug/kg	12	12	U	ug/kg	12	12	U	ug/kg	12
1,1-Dichloroethene	10	U	ug/kg	10	12	U	ug/kg	12	12	U	ug/kg	12	12	U	ug/kg	12
1,1-Dichloroethane	10	U	ug/kg	10	12	U	ug/kg	12	12	U	ug/kg	12	12	U	ug/kg	12
1,2-Dichloroethene (total)	10	U	ug/kg	10	12	U	ug/kg	12	12	U	ug/kg	12	12	U	ug/kg	12
Chloroform	10	U	ug/kg	10	12	U	ug/kg	12	12	U	ug/kg	12	12	U	ug/kg	12
1,2-Dichloroethane	10	U	ug/kg	10	12	U	ug/kg	12	12	U	ug/kg	12	12	U	ug/kg	12
2-Butanone	10	U	ug/kg	10	12	U	ug/kg	12	12	U	ug/kg	12	12	U	ug/kg	12
1,1,1-Trichloroethane	10	U	ug/kg	10	12	U	ug/kg	12	12	U	ug/kg	12	12	U	ug/kg	12
Carbon tetrachloride	10	U	ug/kg	10	12	U	ug/kg	12	12	U	ug/kg	12	12	U	ug/kg	12
Bromodichloromethane	10	U	ug/kg	10	12	U	ug/kg	12	12	U	ug/kg	12	12	U	ug/kg	12
1,2-Dichloropropane	10	U	ug/kg	10	12	U	ug/kg	12	12	U	ug/kg	12	12	U	ug/kg	12
cis-1,3-Dichloropropene	10	U	ug/kg	10	12	U	ug/kg	12	12	U	ug/kg	12	12	U	ug/kg	12
Trichloroethene	10	U	ug/kg	10	12	U	ug/kg	12	12	U	ug/kg	12	12	U	ug/kg	12
Dibromochloromethane	10	U	ug/kg	10	12	U	ug/kg	12	12	U	ug/kg	12	12	U	ug/kg	12
1,1,2-Trichloroethane	10	U	ug/kg	10	12	U	ug/kg	12	12	U	ug/kg	12	12	U	ug/kg	12
Benzene	10	U	ug/kg	10	12	U	ug/kg	12	12	U	ug/kg	12	12	U	ug/kg	12
trans-1,3-Dichloropropene	10	U	ug/kg	10	12	U	ug/kg	12	12	U	ug/kg	12	12	U	ug/kg	12
Bromoform	10	U	ug/kg	10	12	U	ug/kg	12	12	U	ug/kg	12	12	U	ug/kg	12
4-Methyl-2-pentanone	10	U	ug/kg	10	12	U	ug/kg	12	12	U	ug/kg	12	12	U	ug/kg	12
2-Hexanone	10	U	ug/kg	10	12	U	ug/kg	12	12	U	ug/kg	12	12	U	ug/kg	12
Tetrachloroethene	10	U	ug/kg	10	12	U	ug/kg	12	12	U	ug/kg	12	12	U	ug/kg	12
Toluene	10	U	ug/kg	10	12	U	ug/kg	12	12	U	ug/kg	12	12	U	ug/kg	12
1,1,2,2-Tetrachloroethane	10	U	ug/kg	10	12	U	ug/kg	12	12	U	ug/kg	12	12	U	ug/kg	12
Chlorobenzene	10	U	ug/kg	10	12	U	ug/kg	12	12	U	ug/kg	12	12	U	ug/kg	12
Ethylbenzene	10	U	ug/kg	10	12	U	ug/kg	12	12	U	ug/kg	12	12	U	ug/kg	12
Styrene	10	U	ug/kg	10	12	U	ug/kg	12	12	U	ug/kg	12	12	U	ug/kg	12
Xylenes (total)	10	U	ug/kg	10	12	U	ug/kg	12	12	U	ug/kg	12	12	U	ug/kg	12

U = NOT DETECTED J = ESTIMATED VALUE
UJ = REPORTED QUANTITATION LIMIT IS QUALIFIED AS ESTIMATED
R = RESULT IS REJECTED AND UNUSABLE

08/16/93 WHITING FIELD ANALYTICAL REPORT 14:52:39
SOIL BORING - VOLATILES - VALIDATED RESULTS

	34906005				34909001				34909002				34909001MS			
Lab Sample Number:																
Site	WHITING				WHITING				WHITING				WHITING			
Locator	3SB6-25-27				3SB6-70-72				3SB6-70-72A				3SB6-70-72MS			
Collect Date:	18-JAN-93				18-JAN-93				18-JAN-93				18-JAN-93			
	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL
CLP VOLATILES 90-SOW																
Chloromethane	10	U	ug/kg	10	11	U	ug/kg	11	11	U	ug/kg	11	11	U	ug/kg	11
Bromomethane	10	U	ug/kg	10	11	U	ug/kg	11	11	U	ug/kg	11	11	U	ug/kg	11
Vinyl chloride	10	U	ug/kg	10	11	U	ug/kg	11	11	U	ug/kg	11	11	U	ug/kg	11
Chloroethane	10	U	ug/kg	10	11	U	ug/kg	11	11	U	ug/kg	11	11	U	ug/kg	11
Methylene chloride	10	U	ug/kg	10	11	U	ug/kg	11	11	U	ug/kg	11	11	U	ug/kg	11
Acetone	23	J	ug/kg	10	12	J	ug/kg	11	11	UJ	ug/kg	11	14		ug/kg	11
Carbon disulfide	10	U	ug/kg	10	11	U	ug/kg	11	11	U	ug/kg	11	11	U	ug/kg	11
1,1-Dichloroethene	10	U	ug/kg	10	11	U	ug/kg	11	11	U	ug/kg	11	39		ug/kg	11
1,1-Dichloroethane	10	U	ug/kg	10	11	U	ug/kg	11	11	U	ug/kg	11	11	U	ug/kg	11
1,2-Dichloroethene (total)	10	U	ug/kg	10	11	U	ug/kg	11	11	U	ug/kg	11	11	U	ug/kg	11
Chloroform	10	U	ug/kg	10	11	U	ug/kg	11	11	U	ug/kg	11	11	U	ug/kg	11
1,2-Dichloroethane	10	U	ug/kg	10	11	U	ug/kg	11	11	U	ug/kg	11	11	U	ug/kg	11
2-Butanone	10	U	ug/kg	10	11	U	ug/kg	11	11	U	ug/kg	11	11	U	ug/kg	11
1,1,1-Trichloroethane	10	U	ug/kg	10	11	U	ug/kg	11	11	U	ug/kg	11	11	U	ug/kg	11
Carbon tetrachloride	10	U	ug/kg	10	11	U	ug/kg	11	11	U	ug/kg	11	11	U	ug/kg	11
Bromodichloromethane	10	U	ug/kg	10	11	U	ug/kg	11	11	U	ug/kg	11	11	U	ug/kg	11
1,2-Dichloropropane	10	U	ug/kg	10	11	U	ug/kg	11	11	U	ug/kg	11	11	U	ug/kg	11
cis-1,3-Dichloropropene	10	U	ug/kg	10	11	U	ug/kg	11	11	U	ug/kg	11	11	U	ug/kg	11
Trichloroethene	10	U	ug/kg	10	11	U	ug/kg	11	11	U	ug/kg	11	49		ug/kg	11
Dibromochloromethane	10	U	ug/kg	10	11	U	ug/kg	11	11	U	ug/kg	11	11	U	ug/kg	11
1,1,2-Trichloroethane	10	U	ug/kg	10	11	U	ug/kg	11	11	U	ug/kg	11	11	U	ug/kg	11
Benzene	10	U	ug/kg	10	11	U	ug/kg	11	11	U	ug/kg	11	46		ug/kg	11
trans-1,3-Dichloropropene	10	U	ug/kg	10	11	U	ug/kg	11	11	U	ug/kg	11	11	U	ug/kg	11
Bromoform	10	U	ug/kg	10	11	U	ug/kg	11	11	U	ug/kg	11	11	U	ug/kg	11
4-Methyl-2-pentanone	10	U	ug/kg	10	11	U	ug/kg	11	11	U	ug/kg	11	11	U	ug/kg	11
2-Hexanone	10	U	ug/kg	10	11	U	ug/kg	11	11	U	ug/kg	11	11	U	ug/kg	11
Tetrachloroethene	10	U	ug/kg	10	11	U	ug/kg	11	11	U	ug/kg	11	11	U	ug/kg	11
Toluene	10	U	ug/kg	10	11	U	ug/kg	11	11	U	ug/kg	11	48		ug/kg	11
1,1,2,2-Tetrachloroethane	10	U	ug/kg	10	11	U	ug/kg	11	11	U	ug/kg	11	11	U	ug/kg	11
Chlorobenzene	10	U	ug/kg	10	11	U	ug/kg	11	11	U	ug/kg	11	49		ug/kg	11
Ethylbenzene	10	U	ug/kg	10	11	U	ug/kg	11	11	U	ug/kg	11	11	U	ug/kg	11
Styrene	10	U	ug/kg	10	11	U	ug/kg	11	11	U	ug/kg	11	11	U	ug/kg	11
Xylenes (total)	10	U	ug/kg	10	11	U	ug/kg	11	11	U	ug/kg	11	11	U	ug/kg	11

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08/16/93 WHITING FIELD ANALYTICAL REPORT 14:52:39
SOIL BORING - VOLATILES - VALIDATED RESULTS

Lab Sample Number:	34909001MS				34906010				34906011				34907011			
Site	WHITING				WHITING				WHITING				WHITING			
Locator	3SB6-70-72MSD				3SB6-100-102				3SB6-100-102A				3SB6-100-102A			
Collect Date:	18-JAN-93				18-JAN-93				18-JAN-93				18-JAN-93			
	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL
CLP VOLATILES 90-SOW																
Chloromethane	11	U	ug/kg	11	12	U	ug/kg	12	12	U	ug/kg	12	-			
Bromomethane	11	U	ug/kg	11	12	U	ug/kg	12	12	U	ug/kg	12	-			
Vinyl chloride	11	U	ug/kg	11	12	U	ug/kg	12	12	U	ug/kg	12	-			
Chloroethane	11	U	ug/kg	11	12	U	ug/kg	12	12	U	ug/kg	12	-			
Methylene chloride	11	U	ug/kg	11	12	U	ug/kg	12	12	U	ug/kg	12	-			
Acetone	11		ug/kg	11	14	J	ug/kg	12	14	J	ug/kg	12	-			
Carbon disulfide	11	U	ug/kg	11	12	U	ug/kg	12	12	U	ug/kg	12	-			
1,1-Dichloroethene	42		ug/kg	11	12	U	ug/kg	12	12	U	ug/kg	12	-			
1,1-Dichloroethane	11	U	ug/kg	11	12	U	ug/kg	12	12	U	ug/kg	12	-			
1,2-Dichloroethene (total)	11	U	ug/kg	11	12	U	ug/kg	12	12	U	ug/kg	12	-			
Chloroform	11	U	ug/kg	11	12	U	ug/kg	12	12	U	ug/kg	12	-			
1,2-Dichloroethane	11	U	ug/kg	11	12	U	ug/kg	12	12	U	ug/kg	12	-			
2-Butanone	11	U	ug/kg	11	12	U	ug/kg	12	12	U	ug/kg	12	-			
1,1,1-Trichloroethane	11	U	ug/kg	11	12	U	ug/kg	12	12	U	ug/kg	12	-			
Carbon tetrachloride	11	U	ug/kg	11	12	U	ug/kg	12	12	U	ug/kg	12	-			
Bromodichloromethane	11	U	ug/kg	11	12	U	ug/kg	12	12	U	ug/kg	12	-			
1,2-Dichloropropane	11	U	ug/kg	11	12	U	ug/kg	12	12	U	ug/kg	12	-			
cis-1,3-Dichloropropene	11	U	ug/kg	11	12	U	ug/kg	12	12	U	ug/kg	12	-			
Trichloroethene	53		ug/kg	11	2	J	ug/kg	12	12	U	ug/kg	12	-			
Dibromochloromethane	11	U	ug/kg	11	12	U	ug/kg	12	12	U	ug/kg	12	-			
1,1,2-Trichloroethane	11	U	ug/kg	11	12	U	ug/kg	12	12	U	ug/kg	12	-			
Benzene	51		ug/kg	11	12	U	ug/kg	12	12	U	ug/kg	12	-			
trans-1,3-Dichloropropene	11	U	ug/kg	11	12	U	ug/kg	12	12	U	ug/kg	12	-			
Bromoform	11	U	ug/kg	11	12	U	ug/kg	12	12	U	ug/kg	12	-			
4-Methyl-2-pentanone	11	U	ug/kg	11	12	U	ug/kg	12	12	U	ug/kg	12	-			
2-Hexanone	11	U	ug/kg	11	12	U	ug/kg	12	12	U	ug/kg	12	-			
Tetrachloroethene	11	U	ug/kg	11	12	U	ug/kg	12	12	U	ug/kg	12	-			
Toluene	52		ug/kg	11	12	U	ug/kg	12	12	U	ug/kg	12	-			
1,1,2,2-Tetrachloroethane	11	U	ug/kg	11	12	U	ug/kg	12	12	U	ug/kg	12	-			
Chlorobenzene	55		ug/kg	11	12	U	ug/kg	12	12	U	ug/kg	12	-			
Ethylbenzene	11	U	ug/kg	11	12	U	ug/kg	12	12	U	ug/kg	12	-			
Styrene	11	U	ug/kg	11	12	U	ug/kg	12	12	U	ug/kg	12	-			
Xylenes (total)	11	U	ug/kg	11	12	U	ug/kg	12	12	U	ug/kg	12	-			

U = NOT DETECTED J = ESTIMATED VALUE
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R = RESULT IS REJECTED AND UNUSABLE

08/16/93 WHITING FIELD ANALYTICAL REPORT 14:54:20
SOIL BORING - VOLATILES - VALIDATED RESULTS

Lab Sample Number:	35015001				35015001RE			
Site	WHITING				WHITING			
Locator	3SB7-10-12				3SB7-10-12RE			
Collect Date:	27-JAN-93				27-JAN-93			
	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL
CLP VOLATILES 90-SOW								
Chloromethane		11 U	ug/kg	11		-		
Bromomethane		11 U	ug/kg	11		-		
Vinyl chloride		11 U	ug/kg	11		-		
Chloroethane		11 U	ug/kg	11		-		
Methylene chloride		11 UJ	ug/kg	11		-		
Acetone		11 J	ug/kg	11		-		
Carbon disulfide		11 U	ug/kg	11		-		
1,1-Dichloroethene		11 U	ug/kg	11		-		
1,1-Dichloroethane		11 U	ug/kg	11		-		
1,2-Dichloroethene (total)		11 U	ug/kg	11		-		
Chloroform		11 U	ug/kg	11		-		
1,2-Dichloroethane		11 UJ	ug/kg	11		-		
2-Butanone		11 UJ	ug/kg	11		-		
1,1,1-Trichloroethane		11 U	ug/kg	11		-		
Carbon tetrachloride		11 U	ug/kg	11		-		
Bromodichloromethane		11 U	ug/kg	11		-		
1,2-Dichloropropane		11 U	ug/kg	11		-		
cis-1,3-Dichloropropene		11 U	ug/kg	11		-		
Trichloroethene		11 U	ug/kg	11		-		
Dibromochloromethane		11 U	ug/kg	11		-		
1,1,2-Trichloroethane		11 U	ug/kg	11		-		
Benzene		11 U	ug/kg	11		-		
trans-1,3-Dichloropropene		11 UJ	ug/kg	11		-		
Bromoform		11 U	ug/kg	11		-		
4-Methyl-2-pentanone		11 U	ug/kg	11		-		
2-Hexanone		11 U	ug/kg	11		-		
Tetrachloroethene		11 UJ	ug/kg	11		-		
Toluene		11 U	ug/kg	11		-		
1,1,2,2-Tetrachloroethane		11 UJ	ug/kg	11		-		
Chlorobenzene		11 U	ug/kg	11		-		
Ethylbenzene		11 U	ug/kg	11		-		
Styrene		11 U	ug/kg	11		-		
Xylenes (total)		11 U	ug/kg	11		-		

U = NOT DETECTED J = ESTIMATED VALUE
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R = RESULT IS REJECTED AND UNUSABLE

SOIL BORINGS

Lab Sample Number:	34833007			34834001			34834002			34834M01		
Site	WHITING			WHITING			WHITING			WHITING		
Locator	3SB8-10-12			3SB8-15-17			3SB8-15-17A			3SB8-15_MS		
Collect Date:	08-JAN-93			08-JAN-93			08-JAN-93			08-JAN-93		
	VALUE	QUAL	UNITS	VALUE	QUAL	UNITS	VALUE	QUAL	UNITS	VALUE	QUAL	UNITS
CLP VOLATILES 90-SOW												
Chloromethane	11	U	ug/kg	11	U	ug/kg	11	U	ug/kg	11	U	ug/kg
Bromomethane	11	U	ug/kg	11	U	ug/kg	11	U	ug/kg	11	U	ug/kg
Vinyl chloride	11	U	ug/kg	11	U	ug/kg	11	U	ug/kg	11	U	ug/kg
Chloroethane	11	U	ug/kg	11	U	ug/kg	11	U	ug/kg	11	U	ug/kg
Methylene chloride	11	UJ	ug/kg	11	UJ	ug/kg	11	UJ	ug/kg	4	J	ug/kg
Acetone	11	UJ	ug/kg	19	UJ	ug/kg	22	UJ	ug/kg	18		ug/kg
Carbon disulfide	11	U	ug/kg	11	U	ug/kg	11	U	ug/kg	11	U	ug/kg
1,1-Dichloroethene	11	U	ug/kg	11	U	ug/kg	11	U	ug/kg	11	U	ug/kg
1,1-Dichloroethane	11	U	ug/kg	11	U	ug/kg	11	U	ug/kg	11	U	ug/kg
1,2-Dichloroethene (total)	11	U	ug/kg	11	U	ug/kg	11	U	ug/kg	11	U	ug/kg
Chloroform	11	U	ug/kg	11	U	ug/kg	11	U	ug/kg	11	U	ug/kg
1,2-Dichloroethane	11	U	ug/kg	11	U	ug/kg	11	U	ug/kg	11	U	ug/kg
2-Butanone	11	U	ug/kg	11	U	ug/kg	11	U	ug/kg	11	U	ug/kg
1,1,1-Trichloroethane	11	U	ug/kg	11	U	ug/kg	11	U	ug/kg	11	U	ug/kg
Carbon tetrachloride	11	U	ug/kg	11	U	ug/kg	11	U	ug/kg	11	U	ug/kg
Bromodichloromethane	11	U	ug/kg	11	U	ug/kg	11	U	ug/kg	11	U	ug/kg
1,2-Dichloropropane	11	U	ug/kg	11	U	ug/kg	11	U	ug/kg	11	U	ug/kg
cis-1,3-Dichloropropene	11	U	ug/kg	11	U	ug/kg	11	U	ug/kg	11	U	ug/kg
Trichloroethene	11	U	ug/kg	11	U	ug/kg	11	U	ug/kg	11	U	ug/kg
Dibromochloromethane	11	U	ug/kg	11	U	ug/kg	11	U	ug/kg	11	U	ug/kg
1,1,2-Trichloroethane	11	U	ug/kg	11	U	ug/kg	11	U	ug/kg	11	U	ug/kg
Benzene	11	U	ug/kg	11	U	ug/kg	11	U	ug/kg	11	U	ug/kg
trans-1,3-Dichloropropene	11	U	ug/kg	11	U	ug/kg	11	U	ug/kg	11	U	ug/kg
Bromoform	11	U	ug/kg	11	U	ug/kg	11	U	ug/kg	11	U	ug/kg
4-Methyl-2-pentanone	11	U	ug/kg	11	U	ug/kg	11	U	ug/kg	11	U	ug/kg
2-Hexanone	11	U	ug/kg	11	U	ug/kg	11	U	ug/kg	11	U	ug/kg
Tetrachloroethene	11	U	ug/kg	11	U	ug/kg	11	U	ug/kg	11	U	ug/kg
Toluene	11	U	ug/kg	11	U	ug/kg	11	U	ug/kg	11	U	ug/kg
1,1,2,2-Tetrachloroethane	11	U	ug/kg	11	U	ug/kg	11	U	ug/kg	11	U	ug/kg
Chlorobenzene	11	U	ug/kg	11	U	ug/kg	11	U	ug/kg	11	U	ug/kg
Ethylbenzene	11	U	ug/kg	11	U	ug/kg	11	U	ug/kg	11	U	ug/kg
Styrene	11	U	ug/kg	11	U	ug/kg	11	U	ug/kg	11	U	ug/kg
Xylenes (total)	11	U	ug/kg	11	U	ug/kg	11	U	ug/kg	11	U	ug/kg

Lab Sample Number:	34834D01
Site	WHITING
Locator	3SB8-15_MSD
Collect Date:	08-JAN-93

	VALUE	QUAL	UNITS
CLP VOLATILES 90-SOW			
Chloromethane	11	U	ug/kg
Bromomethane	11	U	ug/kg
Vinyl chloride	11	U	ug/kg
Chloroethane	11	U	ug/kg
Methylene chloride	5	J	ug/kg
Acetone	28		ug/kg
Carbon disulfide	11	U	ug/kg
1,1-Dichloroethene	11	U	ug/kg
1,1-Dichloroethane	11	U	ug/kg
1,2-Dichloroethene (total)	11	U	ug/kg
Chloroform	11	U	ug/kg
1,2-Dichloroethane	11	U	ug/kg
2-Butanone	11	U	ug/kg
1,1,1-Trichloroethane	11	U	ug/kg
Carbon tetrachloride	11	U	ug/kg
Bromodichloromethane	11	U	ug/kg
1,2-Dichloropropane	11	U	ug/kg
cis-1,3-Dichloropropene	11	U	ug/kg
Trichloroethene	11	U	ug/kg
Dibromochloromethane	11	U	ug/kg
1,1,2-Trichloroethane	11	U	ug/kg
Benzene	11	U	ug/kg
trans-1,3-Dichloropropene	11	U	ug/kg
Bromoform	11	U	ug/kg
4-Methyl-2-pentanone	11	U	ug/kg
2-Hexanone	11	U	ug/kg
Tetrachloroethene	11	U	ug/kg
Toluene	11	U	ug/kg
1,1,2,2-Tetrachloroethane	11	U	ug/kg
Chlorobenzene	11	U	ug/kg
Ethylbenzene	11	U	ug/kg
Styrene	11	U	ug/kg
Xylenes (total)	11	U	ug/kg

08/16/93 WHITING FIELD ANALYTICAL REPORT 14:55:48
SOIL BORING - VOLATILES - VALIDATED RESULTS

Lab Sample Number:	34833003				34833004				34833005				34833006			
Site	WHITING				WHITING				WHITING				WHITING			
Locator	3SB9-1-2				3SB9-5-7				3SB9-15-17				3SB9-30-32			
Collect Date:	08-JAN-93				08-JAN-93				08-JAN-93				08-JAN-93			
	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL
CLP VOLATILES 90-SOW																
Chloromethane	10	U	ug/kg	10	13	U	ug/kg	13	12	U	ug/kg	12	11	U	ug/kg	11
Bromomethane	10	U	ug/kg	10	13	U	ug/kg	13	12	U	ug/kg	12	11	U	ug/kg	11
Vinyl chloride	10	U	ug/kg	10	13	U	ug/kg	13	12	U	ug/kg	12	11	U	ug/kg	11
Chloroethane	10	U	ug/kg	10	13	U	ug/kg	13	12	U	ug/kg	12	11	U	ug/kg	11
Methylene chloride	10	UJ	ug/kg	10	13	UJ	ug/kg	13	12	UJ	ug/kg	12	11	UJ	ug/kg	11
Acetone	10	UJ	ug/kg	10	13	UJ	ug/kg	13	12	UJ	ug/kg	12	11	UJ	ug/kg	11
Carbon disulfide	10	U	ug/kg	10	13	U	ug/kg	13	12	U	ug/kg	12	11	U	ug/kg	11
1,1-Dichloroethene	10	U	ug/kg	10	13	U	ug/kg	13	12	U	ug/kg	12	11	U	ug/kg	11
1,1-Dichloroethane	10	U	ug/kg	10	13	U	ug/kg	13	12	U	ug/kg	12	11	U	ug/kg	11
1,2-Dichloroethene (total)	10	U	ug/kg	10	13	U	ug/kg	13	12	U	ug/kg	12	11	U	ug/kg	11
Chloroform	10	U	ug/kg	10	13	U	ug/kg	13	12	U	ug/kg	12	11	U	ug/kg	11
1,2-Dichloroethane	10	U	ug/kg	10	13	U	ug/kg	13	12	U	ug/kg	12	11	U	ug/kg	11
2-Butanone	10	U	ug/kg	10	13	U	ug/kg	13	12	U	ug/kg	12	11	U	ug/kg	11
1,1,1-Trichloroethane	10	U	ug/kg	10	13	U	ug/kg	13	12	U	ug/kg	12	11	U	ug/kg	11
Carbon tetrachloride	10	U	ug/kg	10	13	U	ug/kg	13	12	U	ug/kg	12	11	U	ug/kg	11
Bromodichloromethane	10	U	ug/kg	10	13	U	ug/kg	13	12	U	ug/kg	12	11	U	ug/kg	11
1,2-Dichloropropane	10	U	ug/kg	10	13	U	ug/kg	13	12	U	ug/kg	12	11	U	ug/kg	11
cis-1,3-Dichloropropene	10	U	ug/kg	10	13	U	ug/kg	13	12	U	ug/kg	12	11	U	ug/kg	11
Trichloroethene	10	U	ug/kg	10	13	U	ug/kg	13	12	U	ug/kg	12	11	U	ug/kg	11
Dibromochloromethane	10	U	ug/kg	10	13	U	ug/kg	13	12	U	ug/kg	12	11	U	ug/kg	11
1,1,2-Trichloroethane	10	U	ug/kg	10	13	U	ug/kg	13	12	U	ug/kg	12	11	U	ug/kg	11
Benzene	10	U	ug/kg	10	13	U	ug/kg	13	12	U	ug/kg	12	11	U	ug/kg	11
trans-1,3-Dichloropropene	10	U	ug/kg	10	13	U	ug/kg	13	12	U	ug/kg	12	11	U	ug/kg	11
Bromoform	10	U	ug/kg	10	13	U	ug/kg	13	12	U	ug/kg	12	11	U	ug/kg	11
4-Methyl-2-pentanone	10	U	ug/kg	10	13	U	ug/kg	13	12	U	ug/kg	12	11	U	ug/kg	11
2-Hexanone	10	U	ug/kg	10	13	U	ug/kg	13	12	U	ug/kg	12	11	U	ug/kg	11
Tetrachloroethene	10	U	ug/kg	10	13	U	ug/kg	13	12	U	ug/kg	12	11	U	ug/kg	11
Toluene	10	U	ug/kg	10	13	U	ug/kg	13	12	U	ug/kg	12	11	U	ug/kg	11
1,1,2,2-Tetrachloroethane	10	U	ug/kg	10	13	U	ug/kg	13	12	U	ug/kg	12	11	U	ug/kg	11
Chlorobenzene	10	U	ug/kg	10	13	U	ug/kg	13	12	U	ug/kg	12	11	U	ug/kg	11
Ethylbenzene	10	U	ug/kg	10	13	U	ug/kg	13	12	U	ug/kg	12	11	U	ug/kg	11
Styrene	10	U	ug/kg	10	13	U	ug/kg	13	12	U	ug/kg	12	11	U	ug/kg	11
Xylenes (total)	10	U	ug/kg	10	13	U	ug/kg	13	12	U	ug/kg	12	11	U	ug/kg	11

U = NOT DETECTED J = ESTIMATED VALUE
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R = RESULT IS REJECTED AND UNUSABLE

08/16/93 WHITING FIELD ANALYTICAL REPORT 14:48:02
SOIL BORING - VOLATILES - VALIDATED RESULTS

Lab Sample Number:	34833001				34833002			
Site	WHITING				WHITING			
Locator	3SB10-10-12				3SB10-15-17			
Collect Date:	08-JAN-93				08-JAN-93			
	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL
CLP VOLATILES 90-SOW								
Chloromethane	12	U	ug/kg	12	12	U	ug/kg	12
Bromomethane	12	U	ug/kg	12	12	U	ug/kg	12
Vinyl chloride	12	U	ug/kg	12	12	U	ug/kg	12
Chloroethane	12	U	ug/kg	12	12	U	ug/kg	12
Methylene chloride	12	UJ	ug/kg	12	12	UJ	ug/kg	12
Acetone	12	UJ	ug/kg	12	12	UJ	ug/kg	12
Carbon disulfide	12	U	ug/kg	12	12	U	ug/kg	12
1,1-Dichloroethene	12	U	ug/kg	12	12	U	ug/kg	12
1,1-Dichloroethane	12	U	ug/kg	12	12	U	ug/kg	12
1,2-Dichloroethene (total)	12	U	ug/kg	12	12	U	ug/kg	12
Chloroform	12	U	ug/kg	12	12	U	ug/kg	12
1,2-Dichloroethane	12	U	ug/kg	12	12	U	ug/kg	12
2-Butanone	12	U	ug/kg	12	12	U	ug/kg	12
1,1,1-Trichloroethane	12	U	ug/kg	12	12	U	ug/kg	12
Carbon tetrachloride	12	U	ug/kg	12	12	U	ug/kg	12
Bromodichloromethane	12	U	ug/kg	12	12	U	ug/kg	12
1,2-Dichloropropane	12	U	ug/kg	12	12	U	ug/kg	12
cis-1,3-Dichloropropene	12	U	ug/kg	12	12	U	ug/kg	12
Trichloroethene	12	U	ug/kg	12	12	U	ug/kg	12
Dibromochloromethane	12	U	ug/kg	12	12	U	ug/kg	12
1,1,2-Trichloroethane	12	U	ug/kg	12	12	U	ug/kg	12
Benzene	12	U	ug/kg	12	12	U	ug/kg	12
trans-1,3-Dichloropropene	12	U	ug/kg	12	12	U	ug/kg	12
Bromoform	12	U	ug/kg	12	12	U	ug/kg	12
4-Methyl-2-pentanone	12	U	ug/kg	12	12	U	ug/kg	12
2-Hexanone	12	U	ug/kg	12	12	U	ug/kg	12
Tetrachloroethene	12	U	ug/kg	12	12	U	ug/kg	12
Toluene	12	U	ug/kg	12	12	U	ug/kg	12
1,1,2,2-Tetrachloroethane	12	U	ug/kg	12	12	U	ug/kg	12
Chlorobenzene	12	U	ug/kg	12	12	U	ug/kg	12
Ethylbenzene	12	U	ug/kg	12	12	U	ug/kg	12
Styrene	12	U	ug/kg	12	12	U	ug/kg	12
Xylenes (total)	12	U	ug/kg	12	12	U	ug/kg	12

U = NOT DETECTED J = ESTIMATED VALUE
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R = RESULT IS REJECTED AND UNUSABLE

08/16/93 WHITING FIELD ANALYTICAL REPORT 14:54:55
SOIL BORING - VOLATILES - VALIDATED RESULTS

Lab Sample Number:	34833K11				35015003				34836K06				34938009			
Site	WHITING				WHITING				WHITING				WHITING			
Locator	3SBTB05				3SBTB5				3SBTB6				3SBTB3			
Collect Date:	08-JAN-93				27-JAN-93				09-JAN-93				20-JAN-93			
	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL
CLP VOLATILES 90-SOW																
Chloromethane	10	UJ	ug/l	10	10	UJ	ug/l	10	10	U	ug/l	10	10	U	ug/l	10
Bromomethane	10	U	ug/l	10	10	U	ug/l	10	10	U	ug/l	10	10	U	ug/l	10
Vinyl chloride	10	U	ug/l	10	10	UJ	ug/l	10	10	U	ug/l	10	10	U	ug/l	10
Chloroethane	10	U	ug/l	10	10	UJ	ug/l	10	10	U	ug/l	10	10	UJ	ug/l	10
Methylene chloride	3	J	ug/l	10	10	U	ug/l	10	5	J	ug/l	10	1	J	ug/l	10
Acetone	10	UJ	ug/l	10	10	U	ug/l	10	10	UJ	ug/l	10	10	U	ug/l	10
Carbon disulfide	10	U	ug/l	10	10	UJ	ug/l	10	10	U	ug/l	10	10	U	ug/l	10
1,1-Dichloroethene	10	U	ug/l	10	10	UJ	ug/l	10	10	U	ug/l	10	10	U	ug/l	10
1,1-Dichloroethane	10	U	ug/l	10	10	U	ug/l	10	10	U	ug/l	10	10	U	ug/l	10
1,2-Dichloroethene (total)	10	U	ug/l	10	10	U	ug/l	10	10	U	ug/l	10	10	U	ug/l	10
Chloroform	10	U	ug/l	10	5	J	ug/l	10	10	U	ug/l	10	20		ug/l	10
1,2-Dichloroethane	10	U	ug/l	10	10	U	ug/l	10	10	U	ug/l	10	10	U	ug/l	10
2-Butanone	10	U	ug/l	10	10	U	ug/l	10	10	U	ug/l	10	10	U	ug/l	10
1,1,1-Trichloroethane	10	U	ug/l	10	10	U	ug/l	10	10	U	ug/l	10	10	U	ug/l	10
Carbon tetrachloride	10	U	ug/l	10	10	U	ug/l	10	10	U	ug/l	10	10	U	ug/l	10
Bromodichloromethane	10	U	ug/l	10	10	U	ug/l	10	10	U	ug/l	10	10	U	ug/l	10
1,2-Dichloropropane	10	U	ug/l	10	10	U	ug/l	10	10	U	ug/l	10	10	U	ug/l	10
cis-1,3-Dichloropropene	10	U	ug/l	10	10	U	ug/l	10	10	U	ug/l	10	10	U	ug/l	10
Trichloroethene	10	U	ug/l	10	10	U	ug/l	10	10	U	ug/l	10	10	U	ug/l	10
Dibromochloromethane	10	U	ug/l	10	10	U	ug/l	10	10	U	ug/l	10	10	U	ug/l	10
1,1,2-Trichloroethane	10	U	ug/l	10	10	U	ug/l	10	10	U	ug/l	10	10	U	ug/l	10
Benzene	10	U	ug/l	10	10	U	ug/l	10	10	U	ug/l	10	10	U	ug/l	10
trans-1,3-Dichloropropene	10	U	ug/l	10	10	U	ug/l	10	10	U	ug/l	10	10	U	ug/l	10
Bromoform	10	U	ug/l	10	10	U	ug/l	10	10	U	ug/l	10	10	U	ug/l	10
4-Methyl-2-pentanone	10	U	ug/l	10	10	U	ug/l	10	10	U	ug/l	10	10	U	ug/l	10
2-Hexanone	10	U	ug/l	10	10	U	ug/l	10	10	UJ	ug/l	10	10	U	ug/l	10
Tetrachloroethene	10	U	ug/l	10	10	U	ug/l	10	10	U	ug/l	10	10	U	ug/l	10
Toluene	10	U	ug/l	10	10	U	ug/l	10	10	U	ug/l	10	10	U	ug/l	10
1,1,2,2-Tetrachloroethane	10	U	ug/l	10	10	U	ug/l	10	10	U	ug/l	10	10	U	ug/l	10
Chlorobenzene	10	U	ug/l	10	10	U	ug/l	10	10	U	ug/l	10	10	U	ug/l	10
Ethylbenzene	10	U	ug/l	10	10	U	ug/l	10	10	U	ug/l	10	10	U	ug/l	10
Styrene	10	U	ug/l	10	10	U	ug/l	10	10	U	ug/l	10	10	U	ug/l	10
Xylenes (total)	10	U	ug/l	10	10	U	ug/l	10	10	U	ug/l	10	10	U	ug/l	10

U = NOT DETECTED J = ESTIMATED VALUE
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R = RESULT IS REJECTED AND UNUSABLE

08/16/93 WHITING FIELD ANALYTICAL REPORT 14:56:41
SOIL BORING - VOLATILES - VALIDATED RESULTS

Lab Sample Number:	34925007				34836007				34836007				34836007-1			
Site	WHITING				WHITING				WHITING				WHITING			
Locator	3SBRB1				3SBRB3				3SBRB3				3SBRB3			
Collect Date:	19-JAN-93				09-JAN-93				09-JAN-93				09-JAN-93			
	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL
CLP VOLATILES 90-SOW																
Chloromethane	10	U	ug/l	10	10	U	ug/l	10	-				-			
Bromomethane	10	U	ug/l	10	10	U	ug/l	10	-				-			
Vinyl chloride	10	U	ug/l	10	10	U	ug/l	10	-				-			
Chloroethane	10	UJ	ug/l	10	10	U	ug/l	10	-				-			
Methylene chloride	10	U	ug/l	10	10	UJ	ug/l	10	-				-			
Acetone	10	U	ug/l	10	10	UJ	ug/l	10	-				-			
Carbon disulfide	10	U	ug/l	10	10	U	ug/l	10	-				-			
1,1-Dichloroethene	10	U	ug/l	10	10	U	ug/l	10	-				-			
1,1-Dichloroethane	10	U	ug/l	10	10	U	ug/l	10	-				-			
1,2-Dichloroethene (total)	10	U	ug/l	10	10	U	ug/l	10	-				-			
Chloroform	10	U	ug/l	10	10	U	ug/l	10	-				-			
1,2-Dichloroethane	10	U	ug/l	10	10	U	ug/l	10	-				-			
2-Butanone	10	U	ug/l	10	10	U	ug/l	10	-				-			
1,1,1-Trichloroethane	10	U	ug/l	10	10	U	ug/l	10	-				-			
Carbon tetrachloride	10	U	ug/l	10	10	U	ug/l	10	-				-			
Bromodichloromethane	10	U	ug/l	10	10	U	ug/l	10	-				-			
1,2-Dichloropropane	10	U	ug/l	10	10	U	ug/l	10	-				-			
cis-1,3-Dichloropropene	10	U	ug/l	10	10	U	ug/l	10	-				-			
Trichloroethene	10	U	ug/l	10	10	U	ug/l	10	-				-			
Dibromochloromethane	10	U	ug/l	10	10	U	ug/l	10	-				-			
1,1,2-Trichloroethane	10	U	ug/l	10	10	U	ug/l	10	-				-			
Benzene	10	U	ug/l	10	10	U	ug/l	10	-				-			
trans-1,3-Dichloropropene	10	U	ug/l	10	10	U	ug/l	10	-				-			
Bromoform	10	U	ug/l	10	10	U	ug/l	10	-				-			
4-Methyl-2-pentanone	10	U	ug/l	10	10	U	ug/l	10	-				-			
2-Hexanone	10	U	ug/l	10	10	UJ	ug/l	10	-				-			
Tetrachloroethene	10	U	ug/l	10	10	U	ug/l	10	-				-			
Toluene	10	U	ug/l	10	10	U	ug/l	10	-				-			
1,1,2,2-Tetrachloroethane	10	U	ug/l	10	10	U	ug/l	10	-				-			
Chlorobenzene	10	U	ug/l	10	10	U	ug/l	10	-				-			
Ethylbenzene	10	U	ug/l	10	10	U	ug/l	10	-				-			
Styrene	10	U	ug/l	10	10	U	ug/l	10	-				-			
Xylenes (total)	10	U	ug/l	10	10	U	ug/l	10	-				-			

U = NOT DETECTED J = ESTIMATED VALUE
UJ = REPORTED QUANTITATION LIMIT IS QUALIFIED AS ESTIMATED
R = RESULT IS REJECTED AND UNUSABLE

08/16/93 WHITING FIELD ANALYTICAL REPORT 14:56:41
SOIL BORING - VOLATILES - VALIDATED RESULTS

Lab Sample Number:	35015002				34836007				34836007				34836007-1			
Site	WHITING				WHITING				WHITING				WHITING			
Locator	3SBRB3				3SBRB3				3SBRB3				3SBRB3			
Collect Date:	27-JAN-93				09-JAN-93				09-JAN-93				09-JAN-93			
	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL
CLP VOLATILES 90-SOW																
Chloromethane	10	UJ	ug/l	10	10	U	ug/l	10	-				-			
Bromomethane	10	U	ug/l	10	10	U	ug/l	10	-				-			
Vinyl chloride	10	UJ	ug/l	10	10	U	ug/l	10	-				-			
Chloroethane	10	UJ	ug/l	10	10	U	ug/l	10	-				-			
Methylene chloride	10	U	ug/l	10	10	UJ	ug/l	10	-				-			
Acetone	10	U	ug/l	10	10	UJ	ug/l	10	-				-			
Carbon disulfide	10	UJ	ug/l	10	10	U	ug/l	10	-				-			
1,1-Dichloroethene	10	UJ	ug/l	10	10	U	ug/l	10	-				-			
1,1-Dichloroethane	10	U	ug/l	10	10	U	ug/l	10	-				-			
1,2-Dichloroethene (total)	10	U	ug/l	10	10	U	ug/l	10	-				-			
Chloroform	10	U	ug/l	10	10	U	ug/l	10	-				-			
1,2-Dichloroethane	10	U	ug/l	10	10	U	ug/l	10	-				-			
2-Butanone	10	U	ug/l	10	10	U	ug/l	10	-				-			
1,1,1-Trichloroethane	10	U	ug/l	10	10	U	ug/l	10	-				-			
Carbon tetrachloride	10	U	ug/l	10	10	U	ug/l	10	-				-			
Bromodichloromethane	10	U	ug/l	10	10	U	ug/l	10	-				-			
1,2-Dichloropropane	10	U	ug/l	10	10	U	ug/l	10	-				-			
cis-1,3-Dichloropropene	10	U	ug/l	10	10	U	ug/l	10	-				-			
Trichloroethene	10	U	ug/l	10	10	U	ug/l	10	-				-			
Dibromochloromethane	10	U	ug/l	10	10	U	ug/l	10	-				-			
1,1,2-Trichloroethane	10	U	ug/l	10	10	U	ug/l	10	-				-			
Benzene	10	U	ug/l	10	10	U	ug/l	10	-				-			
trans-1,3-Dichloropropene	10	U	ug/l	10	10	U	ug/l	10	-				-			
Bromoform	10	U	ug/l	10	10	U	ug/l	10	-				-			
4-Methyl-2-pentanone	10	U	ug/l	10	10	U	ug/l	10	-				-			
2-Hexanone	10	U	ug/l	10	10	UJ	ug/l	10	-				-			
Tetrachloroethene	10	U	ug/l	10	10	U	ug/l	10	-				-			
Toluene	10	U	ug/l	10	10	U	ug/l	10	-				-			
1,1,2,2-Tetrachloroethane	10	U	ug/l	10	10	U	ug/l	10	-				-			
Chlorobenzene	10	U	ug/l	10	10	U	ug/l	10	-				-			
Ethylbenzene	10	U	ug/l	10	10	U	ug/l	10	-				-			
Styrene	10	U	ug/l	10	10	U	ug/l	10	-				-			
Xylenes (total)	10	U	ug/l	10	10	U	ug/l	10	-				-			

U = NOT DETECTED J = ESTIMATED VALUE
UJ = REPORTED QUANTITATION LIMIT IS QUALIFIED AS ESTIMATED
R = RESULT IS REJECTED AND UNUSABLE

08/16/93 WHITING FIELD ANALYTICAL REPORT 14:56:41
SOIL BORING - VOLATILES - VALIDATED RESULTS

Lab Sample Number:	35015002				34836007				34836007				34836007-1		
Site	WHITING				WHITING				WHITING				WHITING		
Locator	3SBRB3				3SBRB3				3SBRB3				3SBRB3		
Collect Date:	27-JAN-93				09-JAN-93				09-JAN-93				09-JAN-93		
	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL
CLP VOLATILES 90-SOW																
Chloromethane	10	UJ	ug/l	10	10	U	ug/l	10	-				-			
Bromomethane	10	U	ug/l	10	10	U	ug/l	10	-				-			
Vinyl chloride	10	UJ	ug/l	10	10	U	ug/l	10	-				-			
Chloroethane	10	UJ	ug/l	10	10	U	ug/l	10	-				-			
Methylene chloride	10	U	ug/l	10	10	UJ	ug/l	10	-				-			
Acetone	10	U	ug/l	10	10	UJ	ug/l	10	-				-			
Carbon disulfide	10	UJ	ug/l	10	10	U	ug/l	10	-				-			
1,1-Dichloroethene	10	UJ	ug/l	10	10	U	ug/l	10	-				-			
1,1-Dichloroethane	10	U	ug/l	10	10	U	ug/l	10	-				-			
1,2-Dichloroethene (total)	10	U	ug/l	10	10	U	ug/l	10	-				-			
Chloroform	10	U	ug/l	10	10	U	ug/l	10	-				-			
1,2-Dichloroethane	10	U	ug/l	10	10	U	ug/l	10	-				-			
2-Butanone	10	U	ug/l	10	10	U	ug/l	10	-				-			
1,1,1-Trichloroethane	10	U	ug/l	10	10	U	ug/l	10	-				-			
Carbon tetrachloride	10	U	ug/l	10	10	U	ug/l	10	-				-			
Bromodichloromethane	10	U	ug/l	10	10	U	ug/l	10	-				-			
1,2-Dichloropropane	10	U	ug/l	10	10	U	ug/l	10	-				-			
cis-1,3-Dichloropropene	10	U	ug/l	10	10	U	ug/l	10	-				-			
Trichloroethene	10	U	ug/l	10	10	U	ug/l	10	-				-			
Dibromochloromethane	10	U	ug/l	10	10	U	ug/l	10	-				-			
1,1,2-Trichloroethane	10	U	ug/l	10	10	U	ug/l	10	-				-			
Benzene	10	U	ug/l	10	10	U	ug/l	10	-				-			
trans-1,3-Dichloropropene	10	U	ug/l	10	10	U	ug/l	10	-				-			
Bromoform	10	U	ug/l	10	10	U	ug/l	10	-				-			
4-Methyl-2-pentanone	10	U	ug/l	10	10	U	ug/l	10	-				-			
2-Hexanone	10	U	ug/l	10	10	UJ	ug/l	10	-				-			
Tetrachloroethene	10	U	ug/l	10	10	U	ug/l	10	-				-			
Toluene	10	U	ug/l	10	10	U	ug/l	10	-				-			
1,1,2,2-Tetrachloroethane	10	U	ug/l	10	10	U	ug/l	10	-				-			
Chlorobenzene	10	U	ug/l	10	10	U	ug/l	10	-				-			
Ethylbenzene	10	U	ug/l	10	10	U	ug/l	10	-				-			
Styrene	10	U	ug/l	10	10	U	ug/l	10	-				-			
Xylenes (total)	10	U	ug/l	10	10	U	ug/l	10	-				-			

U = NOT DETECTED J = ESTIMATED VALUE
UJ = REPORTED QUANTITATION LIMIT IS QUALIFIED AS ESTIMATED
R = RESULT IS REJECTED AND UNUSABLE

08/16/93 WHITING FIELD ANALYTICAL REPORT 14:56:41
SOIL BORING - VOLATILES - VALIDATED RESULTS

Lab Sample Number:	35015002
Site	WHITING
Locator	3SBRB3
Collect Date:	27-JAN-93

	VALUE	QUAL	UNITS	DL
CLP VOLATILES 90-SOW				
Chloromethane	10	UJ	ug/l	10
Bromomethane	10	U	ug/l	10
Vinyl chloride	10	UJ	ug/l	10
Chloroethane	10	UJ	ug/l	10
Methylene chloride	10	U	ug/l	10
Acetone	10	U	ug/l	10
Carbon disulfide	10	UJ	ug/l	10
1,1-Dichloroethene	10	UJ	ug/l	10
1,1-Dichloroethane	10	U	ug/l	10
1,2-Dichloroethene (total)	10	U	ug/l	10
Chloroform	10	U	ug/l	10
1,2-Dichloroethane	10	U	ug/l	10
2-Butanone	10	U	ug/l	10
1,1,1-Trichloroethane	10	U	ug/l	10
Carbon tetrachloride	10	U	ug/l	10
Bromodichloromethane	10	U	ug/l	10
1,2-Dichloropropane	10	U	ug/l	10
cis-1,3-Dichloropropene	10	U	ug/l	10
Trichloroethene	10	U	ug/l	10
Dibromochloromethane	10	U	ug/l	10
1,1,2-Trichloroethane	10	U	ug/l	10
Benzene	10	U	ug/l	10
trans-1,3-Dichloropropene	10	U	ug/l	10
Bromoform	10	U	ug/l	10
4-Methyl-2-pentanone	10	U	ug/l	10
2-Hexanone	10	U	ug/l	10
Tetrachloroethene	10	U	ug/l	10
Toluene	10	U	ug/l	10
1,1,2,2-Tetrachloroethane	10	U	ug/l	10
Chlorobenzene	10	U	ug/l	10
Ethylbenzene	10	U	ug/l	10
Styrene	10	U	ug/l	10
Xylenes (total)	10	U	ug/l	10

U = NOT DETECTED J = ESTIMATED VALUE
UJ = REPORTED QUANTITATION LIMIT IS QUALIFIED AS ESTIMATED
R = RESULT IS REJECTED AND UNUSABLE

08/16/93 WHITING FIELD ANALYTICAL REPORT 14:58:30
SOIL BORING - VOLATILES - VALIDATED RESULTS

Lab Sample Number:	34833K11				35015003				34836K06				34938009			
Site	WHITING				WHITING				WHITING				WHITING			
Locator	3SBTB05				3SBTB5				3SBTB6				3SBTB3			
Collect Date:	08-JAN-93				27-JAN-93				09-JAN-93				20-JAN-93			
	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL
CLP VOLATILES 90-SOW																
Chloromethane	10	UJ	ug/l	10	10	UJ	ug/l	10	10	U	ug/l	10	10	U	ug/l	10
Bromomethane	10	U	ug/l	10	10	U	ug/l	10	10	U	ug/l	10	10	U	ug/l	10
Vinyl chloride	10	U	ug/l	10	10	UJ	ug/l	10	10	U	ug/l	10	10	U	ug/l	10
Chloroethane	10	U	ug/l	10	10	UJ	ug/l	10	10	U	ug/l	10	10	UJ	ug/l	10
Methylene chloride	3	J	ug/l	10	10	U	ug/l	10	5	J	ug/l	10	1	J	ug/l	10
Acetone	10	UJ	ug/l	10	10	U	ug/l	10	10	UJ	ug/l	10	10	U	ug/l	10
Carbon disulfide	10	U	ug/l	10	10	UJ	ug/l	10	10	U	ug/l	10	10	U	ug/l	10
1,1-Dichloroethene	10	U	ug/l	10	10	UJ	ug/l	10	10	U	ug/l	10	10	U	ug/l	10
1,1-Dichloroethane	10	U	ug/l	10	10	U	ug/l	10	10	U	ug/l	10	10	U	ug/l	10
1,2-Dichloroethene (total)	10	U	ug/l	10	10	U	ug/l	10	10	U	ug/l	10	10	U	ug/l	10
Chloroform	10	U	ug/l	10	5	J	ug/l	10	10	U	ug/l	10	20		ug/l	10
1,2-Dichloroethane	10	U	ug/l	10	10	U	ug/l	10	10	U	ug/l	10	10	U	ug/l	10
2-Butanone	10	U	ug/l	10	10	U	ug/l	10	10	U	ug/l	10	10	U	ug/l	10
1,1,1-Trichloroethane	10	U	ug/l	10	10	U	ug/l	10	10	U	ug/l	10	10	U	ug/l	10
Carbon tetrachloride	10	U	ug/l	10	10	U	ug/l	10	10	U	ug/l	10	10	U	ug/l	10
Bromodichloromethane	10	U	ug/l	10	10	U	ug/l	10	10	U	ug/l	10	10	U	ug/l	10
1,2-Dichloropropane	10	U	ug/l	10	10	U	ug/l	10	10	U	ug/l	10	10	U	ug/l	10
cis-1,3-Dichloropropene	10	U	ug/l	10	10	U	ug/l	10	10	U	ug/l	10	10	U	ug/l	10
Trichloroethene	10	U	ug/l	10	10	U	ug/l	10	10	U	ug/l	10	10	U	ug/l	10
Dibromochloromethane	10	U	ug/l	10	10	U	ug/l	10	10	U	ug/l	10	10	U	ug/l	10
1,1,2-Trichloroethane	10	U	ug/l	10	10	U	ug/l	10	10	U	ug/l	10	10	U	ug/l	10
Benzene	10	U	ug/l	10	10	U	ug/l	10	10	U	ug/l	10	10	U	ug/l	10
trans-1,3-Dichloropropene	10	U	ug/l	10	10	U	ug/l	10	10	U	ug/l	10	10	U	ug/l	10
Bromoform	10	U	ug/l	10	10	U	ug/l	10	10	U	ug/l	10	10	U	ug/l	10
4-Methyl-2-pentanone	10	U	ug/l	10	10	U	ug/l	10	10	U	ug/l	10	10	U	ug/l	10
2-Hexanone	10	U	ug/l	10	10	U	ug/l	10	10	UJ	ug/l	10	10	U	ug/l	10
Tetrachloroethene	10	U	ug/l	10	10	U	ug/l	10	10	U	ug/l	10	10	U	ug/l	10
Toluene	10	U	ug/l	10	10	U	ug/l	10	10	U	ug/l	10	10	U	ug/l	10
1,1,2,2-Tetrachloroethane	10	U	ug/l	10	10	U	ug/l	10	10	U	ug/l	10	10	U	ug/l	10
Chlorobenzene	10	U	ug/l	10	10	U	ug/l	10	10	U	ug/l	10	10	U	ug/l	10
Ethylbenzene	10	U	ug/l	10	10	U	ug/l	10	10	U	ug/l	10	10	U	ug/l	10
Styrene	10	U	ug/l	10	10	U	ug/l	10	10	U	ug/l	10	10	U	ug/l	10
Xylenes (total)	10	U	ug/l	10	10	U	ug/l	10	10	U	ug/l	10	10	U	ug/l	10

U = NOT DETECTED J = ESTIMATED VALUE
UJ = REPORTED QUANTITATION LIMIT IS QUALIFIED AS ESTIMATED
R = RESULT IS REJECTED AND UNUSABLE

08/16/93 WHITING FIELD ANALYTICAL REPORT 16:11:29
SOIL BORINGS - SEMIVOLATILES - VALIDATED RESULTS

Lab Sample Number:	34938001				34938002				34938003				34939001			
Site	WHITING				WHITING				WHITING				WHITING			
Locator	3SB1-0-2				3SB1-5-7				3SB1-15-17				3SB1-25-27			
Collect Date:	20-JAN-93				20-JAN-93				20-JAN-93				20-JAN-93			
	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL
CLP SEMIVOLATILES 90-SOW																
Phenol	380	U	ug/kg	380	380	U	ug/kg	380	390	U	ug/kg	390	360	U	ug/kg	360
bis(2-Chloroethyl) ether	380	U	ug/kg	380	380	U	ug/kg	380	390	U	ug/kg	390	360	U	ug/kg	360
2-Chlorophenol	380	U	ug/kg	380	380	U	ug/kg	380	390	U	ug/kg	390	360	U	ug/kg	360
1,3-Dichlorobenzene	380	U	ug/kg	380	380	U	ug/kg	380	390	U	ug/kg	390	360	U	ug/kg	360
1,4-Dichlorobenzene	380	U	ug/kg	380	380	U	ug/kg	380	390	U	ug/kg	390	360	U	ug/kg	360
1,2-Dichlorobenzene	380	U	ug/kg	380	380	U	ug/kg	380	390	U	ug/kg	390	360	U	ug/kg	360
2-Methylphenol	380	U	ug/kg	380	380	U	ug/kg	380	390	U	ug/kg	390	360	U	ug/kg	360
2,2-oxybis(1-Chloropropane)	380	U	ug/kg	380	380	U	ug/kg	380	390	U	ug/kg	390	360	U	ug/kg	360
4-Methylphenol	380	U	ug/kg	380	380	U	ug/kg	380	390	U	ug/kg	390	360	U	ug/kg	360
N-Nitroso-di-n-propylamine	380	U	ug/kg	380	380	U	ug/kg	380	390	U	ug/kg	390	360	U	ug/kg	360
Hexachloroethane	380	U	ug/kg	380	380	U	ug/kg	380	390	U	ug/kg	390	360	U	ug/kg	360
Nitrobenzene	380	U	ug/kg	380	380	U	ug/kg	380	390	U	ug/kg	390	360	U	ug/kg	360
Isophorone	380	U	ug/kg	380	380	U	ug/kg	380	390	U	ug/kg	390	360	U	ug/kg	360
2-Nitrophenol	380	U	ug/kg	380	380	U	ug/kg	380	390	U	ug/kg	390	360	U	ug/kg	360
2,4-Dimethylphenol	380	U	ug/kg	380	380	U	ug/kg	380	390	U	ug/kg	390	360	U	ug/kg	360
bis(2-Chloroethoxy) methane	380	U	ug/kg	380	380	U	ug/kg	380	390	U	ug/kg	390	360	U	ug/kg	360
2,4-Dichlorophenol	380	U	ug/kg	380	380	U	ug/kg	380	390	U	ug/kg	390	360	U	ug/kg	360
1,2,4-Trichlorobenzene	380	U	ug/kg	380	380	U	ug/kg	380	390	U	ug/kg	390	360	U	ug/kg	360
Naphthalene	380	U	ug/kg	380	380	U	ug/kg	380	390	U	ug/kg	390	360	U	ug/kg	360
4-Chloroaniline	380	U	ug/kg	380	380	U	ug/kg	380	390	U	ug/kg	390	360	U	ug/kg	360
Hexachlorobutadiene	380	U	ug/kg	380	380	U	ug/kg	380	390	U	ug/kg	390	360	U	ug/kg	360
4-Chloro-3-methylphenol	380	U	ug/kg	380	380	U	ug/kg	380	390	U	ug/kg	390	360	U	ug/kg	360
2-Methylnaphthalene	380	U	ug/kg	380	380	U	ug/kg	380	390	U	ug/kg	390	360	U	ug/kg	360
Hexachlorocyclopentadiene	380	U	ug/kg	380	380	U	ug/kg	380	390	U	ug/kg	390	360	U	ug/kg	360
2,4,6-Trichlorophenol	380	U	ug/kg	380	380	U	ug/kg	380	390	U	ug/kg	390	360	U	ug/kg	360
2,4,5-Trichlorophenol	920	U	ug/kg	920	930	U	ug/kg	930	940	U	ug/kg	940	870	U	ug/kg	870
2-Chloronaphthalene	380	U	ug/kg	380	380	U	ug/kg	380	390	U	ug/kg	390	360	U	ug/kg	360
2-Nitroaniline	920	U	ug/kg	920	930	U	ug/kg	930	940	U	ug/kg	940	870	U	ug/kg	870
Dimethylphthalate	380	U	ug/kg	380	380	U	ug/kg	380	390	U	ug/kg	390	360	U	ug/kg	360
Acenaphthylene	380	U	ug/kg	380	380	U	ug/kg	380	390	U	ug/kg	390	360	U	ug/kg	360
2,6-Dinitrotoluene	380	U	ug/kg	380	380	U	ug/kg	380	390	U	ug/kg	390	360	U	ug/kg	360
3-Nitroaniline	920	U	ug/kg	920	930	U	ug/kg	930	940	U	ug/kg	940	870	U	ug/kg	870
Acenaphthene	380	U	ug/kg	380	380	U	ug/kg	380	390	U	ug/kg	390	360	U	ug/kg	360
2,4-Dinitrophenol	920	U	ug/kg	920	930	U	ug/kg	930	940	U	ug/kg	940	870	U	ug/kg	870
4-Nitrophenol	920	U	ug/kg	920	930	U	ug/kg	930	940	U	ug/kg	940	870	U	ug/kg	870
Dibenzofuran	380	U	ug/kg	380	380	U	ug/kg	380	390	U	ug/kg	390	360	U	ug/kg	360
2,4-Dinitrotoluene	380	U	ug/kg	380	380	U	ug/kg	380	390	U	ug/kg	390	360	U	ug/kg	360
Diethylphthalate	380	U	ug/kg	380	380	U	ug/kg	380	390	U	ug/kg	390	360	U	ug/kg	360
4-Chlorophenyl-phenylether	380	U	ug/kg	380	380	U	ug/kg	380	390	U	ug/kg	390	360	U	ug/kg	360
Fluorene	380	U	ug/kg	380	380	U	ug/kg	380	390	U	ug/kg	390	360	U	ug/kg	360
4-Nitroaniline	920	U	ug/kg	920	930	U	ug/kg	930	940	U	ug/kg	940	870	U	ug/kg	870
4,6-Dinitro-2-methylphenol	920	U	ug/kg	920	930	U	ug/kg	930	940	U	ug/kg	940	870	U	ug/kg	870
N-Nitrosodiphenylamine (1)	380	U	ug/kg	380	380	U	ug/kg	380	390	U	ug/kg	390	360	U	ug/kg	360
4-Bromophenyl-phenylether	380	U	ug/kg	380	380	U	ug/kg	380	390	U	ug/kg	390	360	U	ug/kg	360
Hexachlorobenzene	380	U	ug/kg	380	380	U	ug/kg	380	390	U	ug/kg	390	360	U	ug/kg	360
Pentachlorophenol	920	U	ug/kg	920	930	U	ug/kg	930	940	U	ug/kg	940	870	U	ug/kg	870
Phenanthrene	380	U	ug/kg	380	380	U	ug/kg	380	390	U	ug/kg	390	360	U	ug/kg	360
Anthracene	380	U	ug/kg	380	380	U	ug/kg	380	390	U	ug/kg	390	360	U	ug/kg	360
Carbazole	380	U	ug/kg	380	380	U	ug/kg	380	390	U	ug/kg	390	360	U	ug/kg	360
Di-n-butylphthalate	380	U	ug/kg	380	380	U	ug/kg	380	390	U	ug/kg	390	360	U	ug/kg	360
Fluoranthene	380	U	ug/kg	380	380	U	ug/kg	380	390	U	ug/kg	390	360	U	ug/kg	360
Pyrene	380	U	ug/kg	380	380	U	ug/kg	380	390	U	ug/kg	390	360	U	ug/kg	360
Butylbenzylphthalate	380	UJ	ug/kg	380	380	UJ	ug/kg	380	390	UJ	ug/kg	390	360	UJ	ug/kg	360

08/16/93 WHITING FIELD ANALYTICAL REPORT 16:11:29
SOIL BORINGS - SEMIVOLATILES - VALIDATED RESULTS

Lab Sample Number:	34938001				34938002				34938003				34939001			
Site	WHITING				WHITING				WHITING				WHITING			
Locator	3SB1-0-2				3SB1-5-7				3SB1-15-17				3SB1-25-27			
Collect Date:	20-JAN-93				20-JAN-93				20-JAN-93				20-JAN-93			
	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL
3,3-Dichlorobenzidine	380	U	ug/kg	380	380	U	ug/kg	380	390	U	ug/kg	390	360	U	ug/kg	360
Benzo (a) anthracene	380	U	ug/kg	380	380	U	ug/kg	380	390	U	ug/kg	390	360	U	ug/kg	360
Chrysene	380	U	ug/kg	380	380	U	ug/kg	380	390	U	ug/kg	390	360	U	ug/kg	360
bis(2-Ethylhexyl) phthalate	380	UJ	ug/kg	380	380	UJ	ug/kg	380	390	UJ	ug/kg	390	360	UJ	ug/kg	360
Di-n-octylphthalate	380	UJ	ug/kg	380	380	UJ	ug/kg	380	390	UJ	ug/kg	390	360	UJ	ug/kg	360
Benzo (b) fluoranthene	380	U	ug/kg	380	380	U	ug/kg	380	390	U	ug/kg	390	360	U	ug/kg	360
Benzo (k) fluoranthene	380	U	ug/kg	380	380	U	ug/kg	380	390	U	ug/kg	390	360	U	ug/kg	360
Benzo (a) pyrene	380	U	ug/kg	380	380	U	ug/kg	380	390	U	ug/kg	390	360	U	ug/kg	360
Indeno (1,2,3-cd) pyrene	380	U	ug/kg	380	380	U	ug/kg	380	390	U	ug/kg	390	360	U	ug/kg	360
Dibenz (a,h) anthracene	380	U	ug/kg	380	380	U	ug/kg	380	390	U	ug/kg	390	360	U	ug/kg	360
Benzo (g,h,i) perylene	380	UJ	ug/kg	380	380	U	ug/kg	380	390	UJ	ug/kg	390	360	UJ	ug/kg	360

08/16/93 WHITING FIELD ANALYTICAL REPORT 16:11:29
SOIL BORINGS - SEMIVOLATILES - VALIDATED RESULTS

Lab Sample Number:	34939002				34939001MS				34939001MS				34939001MS			
Site	WHITING				WHITING				WHITING				WHITING			
Locator	3SB1-25-27A				3SB1-25-27MS				3SB1-25-27MS				3SB1-25-27MSD			
Collect Date:	20-JAN-93				20-JAN-93				20-JAN-93				20-JAN-93			
	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL
CLP SEMIVOLATILES 90-SOW																
Phenol	360	U	ug/kg	360	360	U	ug/kg	360	-				360	U	ug/kg	360
bis(2-Chloroethyl) ether	360	U	ug/kg	360	360	U	ug/kg	360	-				360	U	ug/kg	360
2-Chlorophenol	360	U	ug/kg	360	360	U	ug/kg	360	-				360	U	ug/kg	360
1,3-Dichlorobenzene	360	U	ug/kg	360	360	U	ug/kg	360	-				360	U	ug/kg	360
1,4-Dichlorobenzene	360	U	ug/kg	360	360	U	ug/kg	360	-				360	U	ug/kg	360
1,2-Dichlorobenzene	360	U	ug/kg	360	360	U	ug/kg	360	-				360	U	ug/kg	360
2-Methylphenol	360	U	ug/kg	360	360	U	ug/kg	360	-				360	U	ug/kg	360
2,2-oxybis(1-Chloropropane)	360	U	ug/kg	360	360	U	ug/kg	360	-				360	U	ug/kg	360
4-Methylphenol	360	U	ug/kg	360	360	U	ug/kg	360	-				360	U	ug/kg	360
N-Nitroso-di-n-propylamine	360	U	ug/kg	360	360	U	ug/kg	360	-				360	U	ug/kg	360
Hexachloroethane	360	U	ug/kg	360	360	U	ug/kg	360	-				360	U	ug/kg	360
Nitrobenzene	360	U	ug/kg	360	360	U	ug/kg	360	-				360	U	ug/kg	360
Isophorone	360	U	ug/kg	360	360	U	ug/kg	360	-				360	U	ug/kg	360
2-Nitrophenol	360	U	ug/kg	360	360	U	ug/kg	360	-				360	U	ug/kg	360
2,4-Dimethylphenol	360	U	ug/kg	360	360	U	ug/kg	360	-				360	U	ug/kg	360
bis(2-Chloroethoxy) methane	360	U	ug/kg	360	360	U	ug/kg	360	-				360	U	ug/kg	360
2,4-Dichlorophenol	360	U	ug/kg	360	360	U	ug/kg	360	-				360	U	ug/kg	360
1,2,4-Trichlorobenzene	360	U	ug/kg	360	360	U	ug/kg	360	-				360	U	ug/kg	360
Naphthalene	360	U	ug/kg	360	360	U	ug/kg	360	-				360	U	ug/kg	360
4-Chloroaniline	360	U	ug/kg	360	360	U	ug/kg	360	-				360	U	ug/kg	360
Hexachlorobutadiene	360	U	ug/kg	360	360	U	ug/kg	360	-				360	U	ug/kg	360
4-Chloro-3-methylphenol	360	U	ug/kg	360	360	U	ug/kg	360	-				360	U	ug/kg	360
2-Methylnaphthalene	360	U	ug/kg	360	360	U	ug/kg	360	-				360	U	ug/kg	360
Hexachlorocyclopentadiene	360	U	ug/kg	360	360	U	ug/kg	360	-				360	U	ug/kg	360
2,4,6-Trichlorophenol	360	U	ug/kg	360	360	U	ug/kg	360	-				360	U	ug/kg	360
2,4,5-Trichlorophenol	870	U	ug/kg	870	870	U	ug/kg	870	-				870	U	ug/kg	870
2-Chloronaphthalene	360	U	ug/kg	360	360	U	ug/kg	360	-				360	U	ug/kg	360
2-Nitroaniline	870	U	ug/kg	870	870	U	ug/kg	870	-				870	U	ug/kg	870
Dimethylphthalate	360	U	ug/kg	360	360	U	ug/kg	360	-				360	U	ug/kg	360
Acenaphthylene	360	U	ug/kg	360	360	U	ug/kg	360	-				360	U	ug/kg	360
2,6-Dinitrotoluene	360	U	ug/kg	360	360	U	ug/kg	360	-				360	U	ug/kg	360
3-Nitroaniline	870	U	ug/kg	870	870	U	ug/kg	870	-				870	U	ug/kg	870
Acenaphthene	360	U	ug/kg	360	360	U	ug/kg	360	-				360	U	ug/kg	360
2,4-Dinitrophenol	870	U	ug/kg	870	870	U	ug/kg	870	-				870	U	ug/kg	870
4-Nitrophenol	870	U	ug/kg	870	870	U	ug/kg	870	-				870	U	ug/kg	870
Dibenzofuran	360	U	ug/kg	360	360	U	ug/kg	360	-				360	U	ug/kg	360
2,4-Dinitrotoluene	360	U	ug/kg	360	360	U	ug/kg	360	-				360	U	ug/kg	360
Diethylphthalate	360	U	ug/kg	360	360	U	ug/kg	360	-				360	U	ug/kg	360
4-Chlorophenyl-phenylether	360	U	ug/kg	360	360	U	ug/kg	360	-				360	U	ug/kg	360
Fluorene	360	U	ug/kg	360	360	U	ug/kg	360	-				360	U	ug/kg	360
4-Nitroaniline	870	U	ug/kg	870	870	U	ug/kg	870	-				870	U	ug/kg	870
4,6-Dinitro-2-methylphenol	870	U	ug/kg	870	870	U	ug/kg	870	-				870	U	ug/kg	870
N-Nitrosodiphenylamine (1)	360	U	ug/kg	360	360	U	ug/kg	360	-				360	U	ug/kg	360
4-Bromophenyl-phenylether	360	U	ug/kg	360	360	U	ug/kg	360	-				360	U	ug/kg	360
Hexachlorobenzene	360	U	ug/kg	360	360	U	ug/kg	360	-				360	U	ug/kg	360
Pentachlorophenol	870	U	ug/kg	870	870	U	ug/kg	870	-				870	U	ug/kg	870
Phenanthrene	360	U	ug/kg	360	360	U	ug/kg	360	-				360	U	ug/kg	360
Anthracene	360	U	ug/kg	360	360	U	ug/kg	360	-				360	U	ug/kg	360
Carbazole	360	U	ug/kg	360	360	U	ug/kg	360	-				360	U	ug/kg	360
Di-n-butylphthalate	360	U	ug/kg	360	360	U	ug/kg	360	-				360	U	ug/kg	360
Fluoranthene	360	U	ug/kg	360	360	U	ug/kg	360	-				360	U	ug/kg	360
Pyrene	360	U	ug/kg	360	360	U	ug/kg	360	-				360	U	ug/kg	360

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SOIL BORINGS - SEMIVOLATILES - VALIDATED RESULTS

Lab Sample Number:	34939002				34939001MS				34939001MS				34939001MS			
Site	WHITING				WHITING				WHITING				WHITING			
Locator	3SB1-25-27A				3SB1-25-27MS				3SB1-25-27MS				3SB1-25-27MSD			
Collect Date:	20-JAN-93				20-JAN-93				20-JAN-93				20-JAN-93			
	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL
Butylbenzylphthalate	360	UJ	ug/kg	360	360	U	ug/kg	360	-				360	U	ug/kg	360
3,3-Dichlorobenzidine	360	U	ug/kg	360	360	U	ug/kg	360	-				360	U	ug/kg	360
Benzo (a) anthracene	360	U	ug/kg	360	360	U	ug/kg	360	-				360	U	ug/kg	360
Chrysene	360	U	ug/kg	360	360	U	ug/kg	360	-				360	U	ug/kg	360
bis(2-Ethylhexyl) phthalate	360	UJ	ug/kg	360	100	J	ug/kg	360	-				180	J	ug/kg	360
Di-n-octylphthalate	360	UJ	ug/kg	360	360	U	ug/kg	360	-				360	U	ug/kg	360
Benzo (b) fluoranthene	360	U	ug/kg	360	360	U	ug/kg	360	-				360	U	ug/kg	360
Benzo (k) fluoranthene	360	U	ug/kg	360	360	U	ug/kg	360	-				360	U	ug/kg	360
Benzo (a) pyrene	360	U	ug/kg	360	360	U	ug/kg	360	-				360	U	ug/kg	360
Indeno (1,2,3-cd) pyrene	360	U	ug/kg	360	360	U	ug/kg	360	-				360	U	ug/kg	360
Dibenz (a,h) anthracene	360	U	ug/kg	360	360	U	ug/kg	360	-				360	U	ug/kg	360
Benzo (g,h,i) perylene	360	UJ	ug/kg	360	360	U	ug/kg	360	-				360	U	ug/kg	360

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SOIL BORINGS - SEMIVOLATILES - VALIDATED RESULTS

Lab Sample Number:	34836001				34836001				34836002				34836002			
Site	WHITING				WHITING				WHITING				WHITING			
Locator	3SB2-1-2				3SB2-1-2				3SB2-5-7				3SB2-5-7			
Collect Date:	09-JAN-93				09-JAN-93				09-JAN-93				09-JAN-93			
	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL
CLP SEMIVOLATILES 90-SOW																
Phenol	360	U	ug/kg	360	-				370	U	ug/kg	370	-			
bis(2-Chloroethyl) ether	360	U	ug/kg	360	-				370	U	ug/kg	370	-			
2-Chlorophenol	360	U	ug/kg	360	-				370	U	ug/kg	370	-			
1,3-Dichlorobenzene	360	U	ug/kg	360	-				370	U	ug/kg	370	-			
1,4-Dichlorobenzene	360	U	ug/kg	360	-				370	U	ug/kg	370	-			
1,2-Dichlorobenzene	360	U	ug/kg	360	-				370	U	ug/kg	370	-			
2-Methylphenol	360	U	ug/kg	360	-				370	U	ug/kg	370	-			
2,2-oxybis(1-Chloropropane)	360	U	ug/kg	360	-				370	U	ug/kg	370	-			
4-Methylphenol	360	U	ug/kg	360	-				370	U	ug/kg	370	-			
N-Nitroso-di-n-propylamine	360	U	ug/kg	360	-				370	U	ug/kg	370	-			
Hexachloroethane	360	U	ug/kg	360	-				370	U	ug/kg	370	-			
Nitrobenzene	360	U	ug/kg	360	-				370	U	ug/kg	370	-			
Isophorone	360	U	ug/kg	360	-				370	U	ug/kg	370	-			
2-Nitrophenol	360	U	ug/kg	360	-				370	U	ug/kg	370	-			
2,4-Dimethylphenol	360	U	ug/kg	360	-				370	U	ug/kg	370	-			
bis(2-Chloroethoxy) methane	360	U	ug/kg	360	-				370	U	ug/kg	370	-			
2,4-Dichlorophenol	360	U	ug/kg	360	-				370	U	ug/kg	370	-			
1,2,4-Trichlorobenzene	360	U	ug/kg	360	-				370	U	ug/kg	370	-			
Naphthalene	360	U	ug/kg	360	-				370	U	ug/kg	370	-			
4-Chloroaniline	360	UJ	ug/kg	360	-				370	UJ	ug/kg	370	-			
Hexachlorobutadiene	360	U	ug/kg	360	-				370	U	ug/kg	370	-			
4-Chloro-3-methylphenol	360	U	ug/kg	360	-				370	U	ug/kg	370	-			
2-Methylnaphthalene	360	U	ug/kg	360	-				370	U	ug/kg	370	-			
Hexachlorocyclopentadiene	360	U	ug/kg	360	-				370	U	ug/kg	370	-			
2,4,6-Trichlorophenol	360	U	ug/kg	360	-				370	U	ug/kg	370	-			
2,4,5-Trichlorophenol	880	U	ug/kg	880	-				910	U	ug/kg	910	-			
2-Chloronaphthalene	360	U	ug/kg	360	-				370	U	ug/kg	370	-			
2-Nitroaniline	880	U	ug/kg	880	-				910	U	ug/kg	910	-			
Dimethylphthalate	360	U	ug/kg	360	-				370	U	ug/kg	370	-			
Acenaphthylene	360	U	ug/kg	360	-				370	U	ug/kg	370	-			
2,6-Dinitrotoluene	360	U	ug/kg	360	-				370	U	ug/kg	370	-			
3-Nitroaniline	880	U	ug/kg	880	-				910	U	ug/kg	910	-			
Acenaphthene	360	U	ug/kg	360	-				370	U	ug/kg	370	-			
2,4-Dinitrophenol	880	U	ug/kg	880	-				910	U	ug/kg	910	-			
4-Nitrophenol	880	U	ug/kg	880	-				910	U	ug/kg	910	-			
Dibenzofuran	360	U	ug/kg	360	-				370	U	ug/kg	370	-			
2,4-Dinitrotoluene	360	U	ug/kg	360	-				370	U	ug/kg	370	-			
Diethylphthalate	360	U	ug/kg	360	-				370	U	ug/kg	370	-			
4-Chlorophenyl-phenylether	360	U	ug/kg	360	-				370	U	ug/kg	370	-			
Fluorene	360	U	ug/kg	360	-				370	U	ug/kg	370	-			
4-Nitroaniline	880	U	ug/kg	880	-				910	U	ug/kg	910	-			
4,6-Dinitro-2-methylphenol	880	U	ug/kg	880	-				910	U	ug/kg	910	-			
N-Nitrosodiphenylamine (1)	360	U	ug/kg	360	-				370	U	ug/kg	370	-			
4-Bromophenyl-phenylether	360	U	ug/kg	360	-				370	U	ug/kg	370	-			
Hexachlorobenzene	360	U	ug/kg	360	-				370	U	ug/kg	370	-			
Pentachlorophenol	880	U	ug/kg	880	-				910	U	ug/kg	910	-			
Phenanthrene	360	U	ug/kg	360	-				370	U	ug/kg	370	-			
Anthracene	360	U	ug/kg	360	-				370	U	ug/kg	370	-			
Carbazole	360	U	ug/kg	360	-				370	U	ug/kg	370	-			
Di-n-butylphthalate	360	U	ug/kg	360	-				370	U	ug/kg	370	-			
Fluoranthene	360	U	ug/kg	360	-				370	U	ug/kg	370	-			
Pyrene	360	U	ug/kg	360	-				370	U	ug/kg	370	-			
Butylbenzylphthalate	360	U	ug/kg	360	-				370	U	ug/kg	370	-			

Lab Sample Number:	34836001				34836001			34836002			34836002	
Site	WHITING				WHITING			WHITING			WHITING	
Locator	3SB2-1-2				3SB2-1-2			3SB2-5-7			3SB2-5-7	
Collect Date:	09-JAN-93				09-JAN-93			09-JAN-93			09-JAN-93	
	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS DL	VALUE	QUAL	UNITS	DL	VALUE QUAL UNITS DL
3,3-Dichlorobenzidine	360	UJ	ug/kg	360	-			370	UJ	ug/kg	370	-
Benzo (a) anthracene	360	U	ug/kg	360	-			370	U	ug/kg	370	-
Chrysene	360	U	ug/kg	360	-			370	U	ug/kg	370	-
bis(2-Ethylhexyl) phthalate	37	J	ug/kg	360	-			370	UJ	ug/kg	370	-
Di-n-octylphthalate	360	UJ	ug/kg	360	-			370	U	ug/kg	370	-
Benzo (b) fluoranthene	360	U	ug/kg	360	-			370	U	ug/kg	370	-
Benzo (k) fluoranthene	360	U	ug/kg	360	-			370	U	ug/kg	370	-
Benzo (a) pyrene	360	U	ug/kg	360	-			370	U	ug/kg	370	-
Indeno (1,2,3-cd) pyrene	360	U	ug/kg	360	-			370	U	ug/kg	370	-
Dibenz (a,h) anthracene	360	U	ug/kg	360	-			370	U	ug/kg	370	-
Benzo (g,h,i) perylene	360	U	ug/kg	360	-			370	U	ug/kg	370	-

08/16/93 WHITING FIELD ANALYTICAL REPORT 16:14:24
SOIL BORINGS - SEMIVOLATILES - VALIDATED RESULTS

Lab Sample Number:	34836003				34836003				34836004				34836004		
Site	WHITING				WHITING				WHITING				WHITING		
Locator	3SB2-10-12				3SB2-10-12				3SB2-10-12A				3SB2-10-12A		
Collect Date:	09-JAN-93				09-JAN-93				09-JAN-93				09-JAN-93		
	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL
CLP SEMIVOLATILES 90-SOW																
Phenol	360	U	ug/kg	360	-				360	U	ug/kg	360	-			
bis(2-Chloroethyl) ether	360	U	ug/kg	360	-				360	U	ug/kg	360	-			
2-Chlorophenol	360	U	ug/kg	360	-				360	U	ug/kg	360	-			
1,3-Dichlorobenzene	360	U	ug/kg	360	-				360	U	ug/kg	360	-			
1,4-Dichlorobenzene	360	U	ug/kg	360	-				360	U	ug/kg	360	-			
1,2-Dichlorobenzene	360	U	ug/kg	360	-				360	U	ug/kg	360	-			
2-Methylphenol	360	U	ug/kg	360	-				360	U	ug/kg	360	-			
2,2-oxybis(1-Chloropropane)	360	U	ug/kg	360	-				360	U	ug/kg	360	-			
4-Methylphenol	360	U	ug/kg	360	-				360	U	ug/kg	360	-			
N-Nitroso-di-n-propylamine	360	U	ug/kg	360	-				360	U	ug/kg	360	-			
Hexachloroethane	360	U	ug/kg	360	-				360	U	ug/kg	360	-			
Nitrobenzene	360	U	ug/kg	360	-				360	U	ug/kg	360	-			
Isophorone	360	U	ug/kg	360	-				360	U	ug/kg	360	-			
2-Nitrophenol	360	U	ug/kg	360	-				360	U	ug/kg	360	-			
2,4-Dimethylphenol	360	U	ug/kg	360	-				360	U	ug/kg	360	-			
bis(2-Chloroethoxy) methane	360	U	ug/kg	360	-				360	U	ug/kg	360	-			
2,4-Dichlorophenol	360	U	ug/kg	360	-				360	U	ug/kg	360	-			
1,2,4-Trichlorobenzene	360	U	ug/kg	360	-				360	U	ug/kg	360	-			
Naphthalene	360	UJ	ug/kg	360	-				360	UJ	ug/kg	360	-			
4-Chloroaniline	360	U	ug/kg	360	-				360	U	ug/kg	360	-			
Hexachlorobutadiene	360	UJ	ug/kg	360	-				360	UJ	ug/kg	360	-			
4-Chloro-3-methylphenol	360	U	ug/kg	360	-				360	U	ug/kg	360	-			
2-Methylnaphthalene	360	U	ug/kg	360	-				360	U	ug/kg	360	-			
Hexachlorocyclopentadiene	360	U	ug/kg	360	-				360	U	ug/kg	360	-			
2,4,6-Trichlorophenol	360	U	ug/kg	360	-				360	U	ug/kg	360	-			
2,4,5-Trichlorophenol	870	U	ug/kg	870	-				870	U	ug/kg	870	-			
2-Chloronaphthalene	360	U	ug/kg	360	-				360	U	ug/kg	360	-			
2-Nitroaniline	870	U	ug/kg	870	-				870	U	ug/kg	870	-			
Dimethylphthalate	360	U	ug/kg	360	-				360	U	ug/kg	360	-			
Acenaphthylene	360	U	ug/kg	360	-				360	U	ug/kg	360	-			
2,6-Dinitrotoluene	360	U	ug/kg	360	-				360	U	ug/kg	360	-			
3-Nitroaniline	870	U	ug/kg	870	-				870	U	ug/kg	870	-			
Acenaphthene	360	U	ug/kg	360	-				360	U	ug/kg	360	-			
2,4-Dinitrophenol	870	U	ug/kg	870	-				870	U	ug/kg	870	-			
4-Nitrophenol	870	U	ug/kg	870	-				870	U	ug/kg	870	-			
Dibenzofuran	360	U	ug/kg	360	-				360	U	ug/kg	360	-			
2,4-Dinitrotoluene	360	U	ug/kg	360	-				360	U	ug/kg	360	-			
Diethylphthalate	360	U	ug/kg	360	-				360	U	ug/kg	360	-			
4-Chlorophenyl-phenylether	360	U	ug/kg	360	-				360	U	ug/kg	360	-			
Fluorene	360	U	ug/kg	360	-				360	U	ug/kg	360	-			
4-Nitroaniline	870	U	ug/kg	870	-				870	U	ug/kg	870	-			
4,6-Dinitro-2-methylphenol	870	U	ug/kg	870	-				870	U	ug/kg	870	-			
N-Nitrosodiphenylamine (1)	360	U	ug/kg	360	-				360	U	ug/kg	360	-			
4-Bromophenyl-phenylether	360	U	ug/kg	360	-				360	U	ug/kg	360	-			
Hexachlorobenzene	360	UJ	ug/kg	360	-				360	UJ	ug/kg	360	-			
Pentachlorophenol	870	U	ug/kg	870	-				870	U	ug/kg	870	-			
Phenanthrene	360	U	ug/kg	360	-				360	U	ug/kg	360	-			
Anthracene	360	U	ug/kg	360	-				360	U	ug/kg	360	-			
Carbazole	360	U	ug/kg	360	-				360	U	ug/kg	360	-			
Di-n-butylphthalate	360	U	ug/kg	360	-				360	U	ug/kg	360	-			
Fluoranthene	360	UJ	ug/kg	360	-				360	UJ	ug/kg	360	-			
Pyrene	360	U	ug/kg	360	-				360	U	ug/kg	360	-			

Lab Sample Number:	34836003				34836003				34836004				34836004			
Site	WHITING				WHITING				WHITING				WHITING			
Locator	3SB2-10-12				3SB2-10-12				3SB2-10-12A				3SB2-10-12A			
Collect Date:	09-JAN-93				09-JAN-93				09-JAN-93				09-JAN-93			
	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL
Butylbenzylphthalate	360	U	ug/kg	360	-				360	U	ug/kg	360	-			
3,3-Dichlorobenzidine	360	UJ	ug/kg	360	-				360	UJ	ug/kg	360	-			
Benzo (a) anthracene	360	U	ug/kg	360	-				360	U	ug/kg	360	-			
Chrysene	360	U	ug/kg	360	-				360	U	ug/kg	360	-			
bis(2-Ethylhexyl) phthalate	360	U	ug/kg	360	-				360	U	ug/kg	360	-			
Di-n-octylphthalate	360	U	ug/kg	360	-				360	U	ug/kg	360	-			
Benzo (b) fluoranthene	360	U	ug/kg	360	-				360	U	ug/kg	360	-			
Benzo (k) fluoranthene	360	U	ug/kg	360	-				360	U	ug/kg	360	-			
Benzo (a) pyrene	360	U	ug/kg	360	-				360	U	ug/kg	360	-			
Indeno (1,2,3-cd) pyrene	360	U	ug/kg	360	-				360	U	ug/kg	360	-			
Dibenz (a,h) anthracene	360	U	ug/kg	360	-				360	U	ug/kg	360	-			
Benzo (g,h,i) perylene	360	U	ug/kg	360	-				360	U	ug/kg	360	-			

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SOIL BORINGS - SEMIVOLATILES - VALIDATED RESULTS

Lab Sample Number:	34848004				34848004			34848003			34848003		
Site	WHITING				WHITING			WHITING			WHITING		
Locator	3SB3-0-2				3SB3-0-2			3SB3-5-7			3SB3-5-7		
Collect Date:	12-JAN-93				12-JAN-93			12-JAN-93			12-JAN-93		
	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL
CLP SEMIVOLATILES 90-SOW																
Phenol	370	U	ug/kg	370	-				380	U	ug/kg	380	-			
bis(2-Chloroethyl) ether	370	U	ug/kg	370	-				380	U	ug/kg	380	-			
2-Chlorophenol	370	U	ug/kg	370	-				380	U	ug/kg	380	-			
1,3-Dichlorobenzene	370	U	ug/kg	370	-				380	U	ug/kg	380	-			
1,4-Dichlorobenzene	370	U	ug/kg	370	-				380	U	ug/kg	380	-			
1,2-Dichlorobenzene	370	U	ug/kg	370	-				380	U	ug/kg	380	-			
2-Methylphenol	370	U	ug/kg	370	-				380	U	ug/kg	380	-			
2,2-oxybis(1-Chloropropane)	370	U	ug/kg	370	-				380	U	ug/kg	380	-			
4-Methylphenol	370	U	ug/kg	370	-				380	U	ug/kg	380	-			
N-Nitroso-di-n-propylamine	370	U	ug/kg	370	-				380	U	ug/kg	380	-			
Hexachloroethane	370	U	ug/kg	370	-				380	U	ug/kg	380	-			
Nitrobenzene	370	U	ug/kg	370	-				380	U	ug/kg	380	-			
Isophorone	370	U	ug/kg	370	-				380	U	ug/kg	380	-			
2-Nitrophenol	370	U	ug/kg	370	-				380	U	ug/kg	380	-			
2,4-Dimethylphenol	370	U	ug/kg	370	-				380	U	ug/kg	380	-			
bis(2-Chloroethoxy) methane	370	U	ug/kg	370	-				380	U	ug/kg	380	-			
2,4-Dichlorophenol	370	U	ug/kg	370	-				380	U	ug/kg	380	-			
1,2,4-Trichlorobenzene	370	U	ug/kg	370	-				380	U	ug/kg	380	-			
Naphthalene	370	U	ug/kg	370	-				380	U	ug/kg	380	-			
4-Chloroaniline	370	U	ug/kg	370	-				380	U	ug/kg	380	-			
Hexachlorobutadiene	370	U	ug/kg	370	-				380	U	ug/kg	380	-			
4-Chloro-3-methylphenol	370	U	ug/kg	370	-				380	U	ug/kg	380	-			
2-Methylnaphthalene	370	U	ug/kg	370	-				380	U	ug/kg	380	-			
Hexachlorocyclopentadiene	370	U	ug/kg	370	-				380	U	ug/kg	380	-			
2,4,6-Trichlorophenol	370	U	ug/kg	370	-				380	U	ug/kg	380	-			
2,4,5-Trichlorophenol	890	U	ug/kg	890	-				920	U	ug/kg	920	-			
2-Chloronaphthalene	370	U	ug/kg	370	-				380	U	ug/kg	380	-			
2-Nitroaniline	890	U	ug/kg	890	-				920	U	ug/kg	920	-			
Dimethylphthalate	370	U	ug/kg	370	-				380	U	ug/kg	380	-			
Acenaphthylene	370	U	ug/kg	370	-				380	U	ug/kg	380	-			
2,6-Dinitrotoluene	370	U	ug/kg	370	-				380	U	ug/kg	380	-			
3-Nitroaniline	890	U	ug/kg	890	-				920	U	ug/kg	920	-			
Acenaphthene	370	U	ug/kg	370	-				380	U	ug/kg	380	-			
2,4-Dinitrophenol	890	UJ	ug/kg	890	-				920	UJ	ug/kg	920	-			
4-Nitrophenol	890	U	ug/kg	890	-				920	U	ug/kg	920	-			
Dibenzofuran	370	U	ug/kg	370	-				380	U	ug/kg	380	-			
2,4-Dinitrotoluene	370	U	ug/kg	370	-				380	U	ug/kg	380	-			
Diethylphthalate	370	U	ug/kg	370	-				380	U	ug/kg	380	-			
4-Chlorophenyl-phenylether	370	U	ug/kg	370	-				380	U	ug/kg	380	-			
Fluorene	370	U	ug/kg	370	-				380	U	ug/kg	380	-			
4-Nitroaniline	890	UJ	ug/kg	890	-				920	UJ	ug/kg	920	-			
4,6-Dinitro-2-methylphenol	890	U	ug/kg	890	-				920	U	ug/kg	920	-			
N-Nitrosodiphenylamine (1)	370	U	ug/kg	370	-				380	U	ug/kg	380	-			
4-Bromophenyl-phenylether	370	U	ug/kg	370	-				380	U	ug/kg	380	-			
Hexachlorobenzene	370	U	ug/kg	370	-				380	U	ug/kg	380	-			
Pentachlorophenol	890	UJ	ug/kg	890	-				920	UJ	ug/kg	920	-			
Phenanthrene	370	U	ug/kg	370	-				380	U	ug/kg	380	-			
Anthracene	370	U	ug/kg	370	-				380	U	ug/kg	380	-			
Carbazole	370	U	ug/kg	370	-				380	U	ug/kg	380	-			
Di-n-butylphthalate	370	U	ug/kg	370	-				380	U	ug/kg	380	-			
Fluoranthene	370	U	ug/kg	370	-				380	U	ug/kg	380	-			
Pyrene	370	U	ug/kg	370	-				380	U	ug/kg	380	-			
Butylbenzylphthalate	370	U	ug/kg	370	-				380	U	ug/kg	380	-			

08/16/93 WHITING FIELD ANALYTICAL REPORT 16:16:25
SOIL BORINGS - SEMIVOLATILES - VALIDATED RESULTS

Lab Sample Number:	34848004				34848004				34848003				34848003		
Site	WHITING				WHITING				WHITING				WHITING		
Locator	3SB3-0-2				3SB3-0-2				3SB3-5-7				3SB3-5-7		
Collect Date:	12-JAN-93				12-JAN-93				12-JAN-93				12-JAN-93		
	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL
3,3-Dichlorobenzidine	370	U	ug/kg	370	-				380	U	ug/kg	380	-			
Benzo (a) anthracene	370	U	ug/kg	370	-				380	U	ug/kg	380	-			
Chrysene	370	U	ug/kg	370	-				380	U	ug/kg	380	-			
bis(2-Ethylhexyl) phthalate	370	U	ug/kg	370	-				380	UJ	ug/kg	380	-			
Di-n-octylphthalate	370	U	ug/kg	370	-				380	U	ug/kg	380	-			
Benzo (b) fluoranthene	370	U	ug/kg	370	-				380	U	ug/kg	380	-			
Benzo (k) fluoranthene	370	U	ug/kg	370	-				380	U	ug/kg	380	-			
Benzo (a) pyrene	370	U	ug/kg	370	-				380	U	ug/kg	380	-			
Indeno (1,2,3-cd) pyrene	370	U	ug/kg	370	-				380	U	ug/kg	380	-			
Dibenz (a,h) anthracene	370	U	ug/kg	370	-				380	U	ug/kg	380	-			
Benzo (g,h,i) perylene	370	U	ug/kg	370	-				380	U	ug/kg	380	-			

SOIL BORINGS - SEMIVOLATILES - VALIDATED RESULTS

Lab Sample Number:	34848002				34848002			
Site	WHITING				WHITING			
Locator	3SB3-10-12				3SB3-10-12			
Collect Date:	12-JAN-93				12-JAN-93			
	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL
CLP SEMIVOLATILES 90-SOW								
Phenol	370	U	ug/kg	370	-			
bis(2-Chloroethyl) ether	370	U	ug/kg	370	-			
2-Chlorophenol	370	U	ug/kg	370	-			
1,3-Dichlorobenzene	370	U	ug/kg	370	-			
1,4-Dichlorobenzene	370	U	ug/kg	370	-			
1,2-Dichlorobenzene	370	U	ug/kg	370	-			
2-Methylphenol	370	U	ug/kg	370	-			
2,2-oxybis(1-Chloropropane)	370	U	ug/kg	370	-			
4-Methylphenol	370	U	ug/kg	370	-			
N-Nitroso-di-n-propylamine	370	U	ug/kg	370	-			
Hexachloroethane	370	U	ug/kg	370	-			
Nitrobenzene	370	U	ug/kg	370	-			
Isophorone	370	U	ug/kg	370	-			
2-Nitrophenol	370	U	ug/kg	370	-			
2,4-Dimethylphenol	370	U	ug/kg	370	-			
bis(2-Chloroethoxy) methane	370	U	ug/kg	370	-			
2,4-Dichlorophenol	370	U	ug/kg	370	-			
1,2,4-Trichlorobenzene	370	U	ug/kg	370	-			
Naphthalene	370	U	ug/kg	370	-			
4-Chloroaniline	370	U	ug/kg	370	-			
Hexachlorobutadiene	370	U	ug/kg	370	-			
4-Chloro-3-methylphenol	370	U	ug/kg	370	-			
2-Methylnaphthalene	370	U	ug/kg	370	-			
Hexachlorocyclopentadiene	370	U	ug/kg	370	-			
2,4,6-Trichlorophenol	370	U	ug/kg	370	-			
2,4,5-Trichlorophenol	900	U	ug/kg	900	-			
2-Chloronaphthalene	370	U	ug/kg	370	-			
2-Nitroaniline	900	U	ug/kg	900	-			
Dimethylphthalate	370	U	ug/kg	370	-			
Acenaphthylene	370	U	ug/kg	370	-			
2,6-Dinitrotoluene	370	U	ug/kg	370	-			
3-Nitroaniline	900	U	ug/kg	900	-			
Acenaphthene	370	U	ug/kg	370	-			
2,4-Dinitrophenol	900	UJ	ug/kg	900	-			
4-Nitrophenol	900	U	ug/kg	900	-			
Dibenzofuran	370	U	ug/kg	370	-			
2,4-Dinitrotoluene	370	U	ug/kg	370	-			
Diethylphthalate	370	U	ug/kg	370	-			
4-Chlorophenyl-phenylether	370	U	ug/kg	370	-			
Fluorene	370	U	ug/kg	370	-			
4-Nitroaniline	900	UJ	ug/kg	900	-			
4,6-Dinitro-2-methylphenol	900	U	ug/kg	900	-			
N-Nitrosodiphenylamine (1)	370	U	ug/kg	370	-			
4-Bromophenyl-phenylether	370	U	ug/kg	370	-			
Hexachlorobenzene	370	U	ug/kg	370	-			
Pentachlorophenol	900	UJ	ug/kg	900	-			
Phenanthrene	370	U	ug/kg	370	-			
Anthracene	370	U	ug/kg	370	-			
Carbazole	370	U	ug/kg	370	-			
Di-n-butylphthalate	370	U	ug/kg	370	-			
Fluoranthene	370	U	ug/kg	370	-			
Pyrene	370	U	ug/kg	370	-			

Lab Sample Number:	34848002				34848002			
Site	WHITING				WHITING			
Locator	3SB3-10-12				3SB3-10-12			
Collect Date:	12-JAN-93				12-JAN-93			
	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL
Butylbenzylphthalate	370	U	ug/kg	370	-			
3,3-Dichlorobenzidine	370	U	ug/kg	370	-			
Benzo (a) anthracene	370	U	ug/kg	370	-			
Chrysene	370	U	ug/kg	370	-			
bis(2-Ethylhexyl) phthalate	370	U	ug/kg	370	-			
Di-n-octylphthalate	370	U	ug/kg	370	-			
Benzo (b) fluoranthene	370	U	ug/kg	370	-			
Benzo (k) fluoranthene	370	U	ug/kg	370	-			
Benzo (a) pyrene	370	U	ug/kg	370	-			
Indeno (1,2,3-cd) pyrene	370	U	ug/kg	370	-			
Dibenz (a,h) anthracene	370	U	ug/kg	370	-			
Benzo (g,h,i) perylene	370	U	ug/kg	370	-			

08/16/93 WHITING FIELD ANALYTICAL REPORT 16:18:02
SOIL BORINGS - SEMIVOLATILES - VALIDATED RESULTS

Lab Sample Number:	34848007				34848007				34848006				74848006			
Site	WHITING				WHITING				WHITING				WHITING			
Locator	3SB4-0-2				3SB4-0-2				3SB4-5-7				3SB4-5-7			
Collect Date:	12-JAN-93				12-JAN-93				12-JAN-93				12-JAN-93			
	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL
CLP SEMIVOLATILES 90-SOW																
Phenol	350	U	ug/kg	350	-				380	U	ug/kg	380	-			
bis(2-Chloroethyl) ether	350	R	ug/kg	350	-				380	U	ug/kg	380	-			
2-Chlorophenol	350	U	ug/kg	350	-				380	U	ug/kg	380	-			
1,3-Dichlorobenzene	350	R	ug/kg	350	-				380	U	ug/kg	380	-			
1,4-Dichlorobenzene	350	R	ug/kg	350	-				380	U	ug/kg	380	-			
1,2-Dichlorobenzene	350	R	ug/kg	350	-				380	U	ug/kg	380	-			
2-Methylphenol	350	U	ug/kg	350	-				380	U	ug/kg	380	-			
2,2-oxybis(1-Chloropropane)	350	R	ug/kg	350	-				380	U	ug/kg	380	-			
4-Methylphenol	350	U	ug/kg	350	-				380	U	ug/kg	380	-			
N-Nitroso-di-n-propylamine	350	R	ug/kg	350	-				380	U	ug/kg	380	-			
Hexachloroethane	350	R	ug/kg	350	-				380	U	ug/kg	380	-			
Nitrobenzene	350	R	ug/kg	350	-				380	U	ug/kg	380	-			
Isophorone	350	R	ug/kg	350	-				380	U	ug/kg	380	-			
2-Nitrophenol	350	U	ug/kg	350	-				380	U	ug/kg	380	-			
2,4-Dimethylphenol	350	U	ug/kg	350	-				380	U	ug/kg	380	-			
bis(2-Chloroethoxy) methane	350	R	ug/kg	350	-				380	U	ug/kg	380	-			
2,4-Dichlorophenol	350	U	ug/kg	350	-				380	U	ug/kg	380	-			
1,2,4-Trichlorobenzene	350	R	ug/kg	350	-				380	U	ug/kg	380	-			
Naphthalene	350	R	ug/kg	350	-				380	U	ug/kg	380	-			
4-Chloroaniline	350	R	ug/kg	350	-				380	U	ug/kg	380	-			
Hexachlorobutadiene	350	R	ug/kg	350	-				380	U	ug/kg	380	-			
4-Chloro-3-methylphenol	350	U	ug/kg	350	-				380	U	ug/kg	380	-			
2-Methylnaphthalene	350	R	ug/kg	350	-				380	U	ug/kg	380	-			
Hexachlorocyclopentadiene	350	R	ug/kg	350	-				380	U	ug/kg	380	-			
2,4,6-Trichlorophenol	350	U	ug/kg	350	-				380	U	ug/kg	380	-			
2,4,5-Trichlorophenol	860	U	ug/kg	860	-				920	U	ug/kg	920	-			
2-Chloronaphthalene	350	R	ug/kg	350	-				380	U	ug/kg	380	-			
2-Nitroaniline	860	R	ug/kg	860	-				920	U	ug/kg	920	-			
Dimethylphthalate	350	R	ug/kg	350	-				380	U	ug/kg	380	-			
Acenaphthylene	350	R	ug/kg	350	-				380	U	ug/kg	380	-			
2,6-Dinitrotoluene	350	R	ug/kg	350	-				380	U	ug/kg	380	-			
3-Nitroaniline	860	R	ug/kg	860	-				920	U	ug/kg	920	-			
Acenaphthene	350	R	ug/kg	350	-				380	U	ug/kg	380	-			
2,4-Dinitrophenol	860	UJ	ug/kg	860	-				920	UJ	ug/kg	920	-			
4-Nitrophenol	860	U	ug/kg	860	-				920	U	ug/kg	920	-			
Dibenzofuran	350	R	ug/kg	350	-				380	U	ug/kg	380	-			
2,4-Dinitrotoluene	350	R	ug/kg	350	-				380	U	ug/kg	380	-			
Diethylphthalate	350	R	ug/kg	350	-				380	U	ug/kg	380	-			
4-Chlorophenyl-phenylether	350	R	ug/kg	350	-				380	U	ug/kg	380	-			
Fluorene	350	R	ug/kg	350	-				380	U	ug/kg	380	-			
4-Nitroaniline	860	R	ug/kg	860	-				920	UJ	ug/kg	920	-			
4,6-Dinitro-2-methylphenol	860	U	ug/kg	860	-				920	U	ug/kg	920	-			
N-Nitrosodiphenylamine (1)	350	R	ug/kg	350	-				380	U	ug/kg	380	-			
4-Bromophenyl-phenylether	350	R	ug/kg	350	-				380	U	ug/kg	380	-			
Hexachlorobenzene	350	R	ug/kg	350	-				380	U	ug/kg	380	-			
Pentachlorophenol	860	UJ	ug/kg	860	-				920	UJ	ug/kg	920	-			
Phenanthrene	350	R	ug/kg	350	-				380	U	ug/kg	380	-			
Anthracene	350	R	ug/kg	350	-				380	U	ug/kg	380	-			
Carbazole	350	R	ug/kg	350	-				380	U	ug/kg	380	-			
Di-n-butylphthalate	350	R	ug/kg	350	-				380	U	ug/kg	380	-			
Fluoranthene	350	R	ug/kg	350	-				380	U	ug/kg	380	-			
Pyrene	350	R	ug/kg	350	-				380	U	ug/kg	380	-			
Butylbenzylphthalate	350	R	ug/kg	350	-				380	U	ug/kg	380	-			

08/16/93 WHITING FIELD ANALYTICAL REPORT 16:18:02
SOIL BORINGS - SEMIVOLATILES - VALIDATED RESULTS

Lab Sample Number:	34848007				34848007				34848006				74848006			
Site	WHITING				WHITING				WHITING				WHITING			
Locator	3SB4-0-2				3SB4-0-2				3SB4-5-7				3SB4-5-7			
Collect Date:	12-JAN-93				12-JAN-93				12-JAN-93				12-JAN-93			
	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL
3,3-Dichlorobenzidine	350	R	ug/kg	350	-				380	U	ug/kg	380	-			
Benzo (a) anthracene	350	R	ug/kg	350	-				380	U	ug/kg	380	-			
Chrysene	350	R	ug/kg	350	-				380	U	ug/kg	380	-			
bis(2-Ethylhexyl) phthalate	350	R	ug/kg	350	-				380	U	ug/kg	380	-			
Di-n-octylphthalate	350	R	ug/kg	350	-				380	U	ug/kg	380	-			
Benzo (b) fluoranthene	350	R	ug/kg	350	-				380	U	ug/kg	380	-			
Benzo (k) fluoranthene	350	R	ug/kg	350	-				380	U	ug/kg	380	-			
Benzo (a) pyrene	350	R	ug/kg	350	-				380	U	ug/kg	380	-			
Indeno (1,2,3-cd) pyrene	350	R	ug/kg	350	-				380	U	ug/kg	380	-			
Dibenz (a,h) anthracene	350	R	ug/kg	350	-				380	U	ug/kg	380	-			
Benzo (g,h,i) perylene	350	R	ug/kg	350	-				380	U	ug/kg	380	-			

SOIL BORINGS - SEMIVOLATILES - VALIDATED RESULTS

Lab Sample Number:	34848006			34848005			34848005		
Site	WHITING			WHITING			WHITING		
Locator	3SB4-5-7			3SB4-10-12			3SB4-10-12		
Collect Date:	12-JAN-93			12-JAN-93			12-JAN-93		
	VALUE QUAL	UNITS	DL	VALUE QUAL	UNITS	DL	VALUE QUAL	UNITS	DL
CLP SEMIVOLATILES 90-SOW									
Phenol	-			370 U	ug/kg	370	-		
bis(2-Chloroethyl) ether	-			370 U	ug/kg	370	-		
2-Chlorophenol	-			370 U	ug/kg	370	-		
1,3-Dichlorobenzene	-			370 U	ug/kg	370	-		
1,4-Dichlorobenzene	-			370 U	ug/kg	370	-		
1,2-Dichlorobenzene	-			370 U	ug/kg	370	-		
2-Methylphenol	-			370 U	ug/kg	370	-		
2,2-oxybis(1-Chloropropane)	-			370 U	ug/kg	370	-		
4-Methylphenol	-			370 U	ug/kg	370	-		
N-Nitroso-di-n-propylamine	-			370 U	ug/kg	370	-		
Hexachloroethane	-			370 U	ug/kg	370	-		
Nitrobenzene	-			370 U	ug/kg	370	-		
Isophorone	-			370 U	ug/kg	370	-		
2-Nitrophenol	-			370 U	ug/kg	370	-		
2,4-Dimethylphenol	-			370 U	ug/kg	370	-		
bis(2-Chloroethoxy) methane	-			370 U	ug/kg	370	-		
2,4-Dichlorophenol	-			370 U	ug/kg	370	-		
1,2,4-Trichlorobenzene	-			370 U	ug/kg	370	-		
Naphthalene	-			370 U	ug/kg	370	-		
4-Chloroaniline	-			370 U	ug/kg	370	-		
Hexachlorobutadiene	-			370 U	ug/kg	370	-		
4-Chloro-3-methylphenol	-			370 U	ug/kg	370	-		
2-Methylnaphthalene	-			370 U	ug/kg	370	-		
Hexachlorocyclopentadiene	-			370 U	ug/kg	370	-		
2,4,6-Trichlorophenol	-			370 U	ug/kg	370	-		
2,4,5-Trichlorophenol	-			910 U	ug/kg	910	-		
2-Chloronaphthalene	-			370 U	ug/kg	370	-		
2-Nitroaniline	-			910 U	ug/kg	910	-		
Dimethylphthalate	-			370 U	ug/kg	370	-		
Acenaphthylene	-			370 U	ug/kg	370	-		
2,6-Dinitrotoluene	-			370 U	ug/kg	370	-		
3-Nitroaniline	-			910 U	ug/kg	910	-		
Acenaphthene	-			370 U	ug/kg	370	-		
2,4-Dinitrophenol	-			910 UJ	ug/kg	910	-		
4-Nitrophenol	-			910 U	ug/kg	910	-		
Dibenzofuran	-			370 U	ug/kg	370	-		
2,4-Dinitrotoluene	-			370 U	ug/kg	370	-		
Diethylphthalate	-			370 U	ug/kg	370	-		
4-Chlorophenyl-phenylether	-			370 U	ug/kg	370	-		
Fluorene	-			370 U	ug/kg	370	-		
4-Nitroaniline	-			910 UJ	ug/kg	910	-		
4,6-Dinitro-2-methylphenol	-			910 U	ug/kg	910	-		
N-Nitrosodiphenylamine (1)	-			370 U	ug/kg	370	-		
4-Bromophenyl-phenylether	-			370 U	ug/kg	370	-		
Hexachlorobenzene	-			370 U	ug/kg	370	-		
Pentachlorophenol	-			910 UJ	ug/kg	910	-		
Phenanthrene	-			370 U	ug/kg	370	-		
Anthracene	-			370 U	ug/kg	370	-		
Carbazole	-			370 U	ug/kg	370	-		
Di-n-butylphthalate	-			370 U	ug/kg	370	-		
Fluoranthene	-			370 U	ug/kg	370	-		
Pyrene	-			370 U	ug/kg	370	-		

08/16/93 WHITING FIELD ANALYTICAL REPORT 16:18:02
SOIL BORINGS - SEMIVOLATILES - VALIDATED RESULTS

Lab Sample Number:	34848006				34848005				34848005			
Site	WHITING				WHITING				WHITING			
Locator	3SB4-5-7				3SB4-10-12				3SB4-10-12			
Collect Date:	12-JAN-93				12-JAN-93				12-JAN-93			
	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL
Butylbenzylphthalate	-				370	U	ug/kg	370	-			
3,3-Dichlorobenzidine	-				370	U	ug/kg	370	-			
Benzo (a) anthracene	-				370	U	ug/kg	370	-			
Chrysene	-				370	U	ug/kg	370	-			
bis(2-Ethylhexyl) phthalate	-				370	U	ug/kg	370	-			
Di-n-octylphthalate	-				370	U	ug/kg	370	-			
Benzo (b) fluoranthene	-				370	U	ug/kg	370	-			
Benzo (k) fluoranthene	-				370	U	ug/kg	370	-			
Benzo (a) pyrene	-				370	U	ug/kg	370	-			
Indeno (1,2,3-cd) pyrene	-				370	U	ug/kg	370	-			
Dibenz (a,h) anthracene	-				370	U	ug/kg	370	-			
Benzo (g,h,i) perylene	-				370	U	ug/kg	370	-			

08/16/93 WHITING FIELD ANALYTICAL REPORT 16:21:59
SOIL BORINGS - SEMIVOLATILES - VALIDATED RESULTS

Lab Sample Number:	34833008			34833009			34833010		
Site	WHITING			WHITING			WHITING		
Locator	3SB5-1-2			3SB5-5-7			3SB5-10-12		
Collect Date:	08-JAN-93			08-JAN-93			08-JAN-93		
	VALUE QUAL UNITS		DL	VALUE QUAL UNITS		DL	VALUE QUAL UNITS		DL
CLP SEMIVOLATILES 90-SOW									
Phenol	360 U	ug/kg	360	370 U	ug/kg	370	380 U	ug/kg	380
bis(2-Chloroethyl) ether	360 U	ug/kg	360	370 U	ug/kg	370	380 U	ug/kg	380
2-Chlorophenol	360 U	ug/kg	360	370 U	ug/kg	370	380 U	ug/kg	380
1,3-Dichlorobenzene	360 U	ug/kg	360	370 U	ug/kg	370	380 U	ug/kg	380
1,4-Dichlorobenzene	360 U	ug/kg	360	370 U	ug/kg	370	380 U	ug/kg	380
1,2-Dichlorobenzene	360 U	ug/kg	360	370 U	ug/kg	370	380 U	ug/kg	380
2-Methylphenol	360 U	ug/kg	360	370 U	ug/kg	370	380 U	ug/kg	380
2,2-oxybis(1-Chloropropane)	360 U	ug/kg	360	370 U	ug/kg	370	380 U	ug/kg	380
4-Methylphenol	360 U	ug/kg	360	370 U	ug/kg	370	380 U	ug/kg	380
N-Nitroso-di-n-propylamine	360 U	ug/kg	360	370 U	ug/kg	370	380 U	ug/kg	380
Hexachloroethane	360 U	ug/kg	360	370 U	ug/kg	370	380 U	ug/kg	380
Nitrobenzene	360 U	ug/kg	360	370 U	ug/kg	370	380 U	ug/kg	380
Isophorone	360 U	ug/kg	360	370 U	ug/kg	370	380 U	ug/kg	380
2-Nitrophenol	360 U	ug/kg	360	370 U	ug/kg	370	380 U	ug/kg	380
2,4-Dimethylphenol	360 U	ug/kg	360	370 U	ug/kg	370	380 U	ug/kg	380
bis(2-Chloroethoxy) methane	360 U	ug/kg	360	370 U	ug/kg	370	380 U	ug/kg	380
2,4-Dichlorophenol	360 U	ug/kg	360	370 U	ug/kg	370	380 U	ug/kg	380
1,2,4-Trichlorobenzene	360 U	ug/kg	360	370 U	ug/kg	370	380 U	ug/kg	380
Naphthalene	360 U	ug/kg	360	370 U	ug/kg	370	380 U	ug/kg	380
4-Chloroaniline	360 U	ug/kg	360	370 U	ug/kg	370	380 U	ug/kg	380
Hexachlorobutadiene	360 U	ug/kg	360	370 U	ug/kg	370	380 U	ug/kg	380
4-Chloro-3-methylphenol	360 U	ug/kg	360	370 U	ug/kg	370	380 U	ug/kg	380
2-Methylnaphthalene	360 U	ug/kg	360	370 U	ug/kg	370	380 U	ug/kg	380
Hexachlorocyclopentadiene	360 U	ug/kg	360	370 U	ug/kg	370	380 U	ug/kg	380
2,4,6-Trichlorophenol	360 U	ug/kg	360	370 U	ug/kg	370	380 U	ug/kg	380
2,4,5-Trichlorophenol	870 U	ug/kg	870	890 U	ug/kg	890	930 U	ug/kg	930
2-Chloronaphthalene	360 U	ug/kg	360	370 U	ug/kg	370	380 U	ug/kg	380
2-Nitroaniline	870 U	ug/kg	870	890 U	ug/kg	890	930 U	ug/kg	930
Dimethylphthalate	360 U	ug/kg	360	370 U	ug/kg	370	380 U	ug/kg	380
Acenaphthylene	360 U	ug/kg	360	370 U	ug/kg	370	380 U	ug/kg	380
2,6-Dinitrotoluene	360 U	ug/kg	360	370 U	ug/kg	370	380 U	ug/kg	380
3-Nitroaniline	870 U	ug/kg	870	890 U	ug/kg	890	930 U	ug/kg	930
Acenaphthene	360 U	ug/kg	360	370 U	ug/kg	370	380 U	ug/kg	380
2,4-Dinitrophenol	870 U	ug/kg	870	890 U	ug/kg	890	930 U	ug/kg	930
4-Nitrophenol	870 U	ug/kg	870	890 U	ug/kg	890	930 U	ug/kg	930
Dibenzofuran	360 U	ug/kg	360	370 U	ug/kg	370	380 U	ug/kg	380
2,4-Dinitrotoluene	360 U	ug/kg	360	370 U	ug/kg	370	380 U	ug/kg	380
Diethylphthalate	360 U	ug/kg	360	370 U	ug/kg	370	380 U	ug/kg	380
4-Chlorophenyl-phenylether	360 U	ug/kg	360	370 U	ug/kg	370	380 U	ug/kg	380
Fluorene	360 U	ug/kg	360	370 U	ug/kg	370	380 U	ug/kg	380
4-Nitroaniline	870 U	ug/kg	870	890 U	ug/kg	890	930 U	ug/kg	930
4,6-Dinitro-2-methylphenol	870 U	ug/kg	870	890 U	ug/kg	890	930 U	ug/kg	930
N-Nitrosodiphenylamine (1)	360 U	ug/kg	360	370 U	ug/kg	370	380 U	ug/kg	380
4-Bromophenyl-phenylether	360 U	ug/kg	360	370 U	ug/kg	370	380 U	ug/kg	380
Hexachlorobenzene	360 U	ug/kg	360	370 U	ug/kg	370	380 U	ug/kg	380
Pentachlorophenol	870 U	ug/kg	870	890 U	ug/kg	890	930 U	ug/kg	930
Phenanthrene	360 U	ug/kg	360	370 U	ug/kg	370	380 U	ug/kg	380
Anthracene	360 U	ug/kg	360	370 U	ug/kg	370	380 U	ug/kg	380
Carbazole	360 U	ug/kg	360	370 U	ug/kg	370	380 U	ug/kg	380
Di-n-butylphthalate	360 U	ug/kg	360	370 U	ug/kg	370	380 U	ug/kg	380
Fluoranthene	360 U	ug/kg	360	370 U	ug/kg	370	380 U	ug/kg	380
Pyrene	360 U	ug/kg	360	370 U	ug/kg	370	380 U	ug/kg	380
Butylbenzylphthalate	360 U	ug/kg	360	370 U	ug/kg	370	380 U	ug/kg	380

08/16/93 WHITING FIELD ANALYTICAL REPORT 16:21:59
SOIL BORINGS - SEMIVOLATILES - VALIDATED RESULTS

Lab Sample Number:	34833008				34833009				34833010			
Site	WHITING				WHITING				WHITING			
Locator	3SB5-1-2				3SB5-5-7				3SB5-10-12			
Collect Date:	08-JAN-93				08-JAN-93				08-JAN-93			
	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL
3,3-Dichlorobenzidine	360	U	ug/kg	360	370	U	ug/kg	370	380	U	ug/kg	380
Benzo (a) anthracene	360	U	ug/kg	360	370	U	ug/kg	370	380	U	ug/kg	380
Chrysene	360	U	ug/kg	360	370	U	ug/kg	370	380	U	ug/kg	380
bis(2-Ethylhexyl) phthalate	360	UJ	ug/kg	360	370	UJ	ug/kg	370	380	UJ	ug/kg	380
Di-n-octylphthalate	360	U	ug/kg	360	370	U	ug/kg	370	380	U	ug/kg	380
Benzo (b) fluoranthene	360	U	ug/kg	360	370	U	ug/kg	370	380	U	ug/kg	380
Benzo (k) fluoranthene	360	U	ug/kg	360	370	U	ug/kg	370	380	U	ug/kg	380
Benzo (a) pyrene	360	U	ug/kg	360	370	U	ug/kg	370	380	U	ug/kg	380
Indeno (1,2,3-cd) pyrene	360	U	ug/kg	360	370	U	ug/kg	370	380	U	ug/kg	380
Dibenz (a,h) anthracene	360	U	ug/kg	360	370	U	ug/kg	370	380	U	ug/kg	380
Benzo (g,h,i) perylene	360	U	ug/kg	360	370	U	ug/kg	370	380	U	ug/kg	380

08/16/93 WHITING FIELD ANALYTICAL REPORT 16:22:59
SOIL BORINGS - SEMIVOLATILES - VALIDATED RESULTS

Lab Sample Number:	34906001				34906002				34906003				34906004			
Site	WHITING				WHITING				WHITING				WHITING			
Locator	3SB6-1-2				3SB6-5-7				3SB6-10-12				3SB6-15-17			
Collect Date:	18-JAN-93				18-JAN-93				18-JAN-93				18-JAN-93			
	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL
CLP SEMIVOLATILES 90-SOW																
Phenol	350	U	ug/kg	350	370	U	ug/kg	370	380	U	ug/kg	380	390	U	ug/kg	390
bis(2-Chloroethyl) ether	350	U	ug/kg	350	370	U	ug/kg	370	380	U	ug/kg	380	390	U	ug/kg	390
2-Chlorophenol	350	U	ug/kg	350	370	U	ug/kg	370	380	U	ug/kg	380	390	U	ug/kg	390
1,3-Dichlorobenzene	350	U	ug/kg	350	370	U	ug/kg	370	380	U	ug/kg	380	390	U	ug/kg	390
1,4-Dichlorobenzene	350	U	ug/kg	350	370	U	ug/kg	370	380	U	ug/kg	380	390	U	ug/kg	390
1,2-Dichlorobenzene	350	U	ug/kg	350	370	U	ug/kg	370	380	U	ug/kg	380	390	U	ug/kg	390
2-Methylphenol	350	U	ug/kg	350	370	U	ug/kg	370	380	U	ug/kg	380	390	U	ug/kg	390
2,2-oxybis(1-Chloropropane)	350	U	ug/kg	350	370	U	ug/kg	370	380	U	ug/kg	380	390	U	ug/kg	390
4-Methylphenol	350	U	ug/kg	350	370	U	ug/kg	370	380	U	ug/kg	380	390	U	ug/kg	390
N-Nitroso-di-n-propylamine	350	U	ug/kg	350	370	U	ug/kg	370	380	U	ug/kg	380	390	U	ug/kg	390
Hexachloroethane	350	U	ug/kg	350	370	U	ug/kg	370	380	U	ug/kg	380	390	U	ug/kg	390
Nitrobenzene	350	U	ug/kg	350	370	U	ug/kg	370	380	U	ug/kg	380	390	U	ug/kg	390
Isophorone	350	U	ug/kg	350	370	U	ug/kg	370	380	U	ug/kg	380	390	U	ug/kg	390
2-Nitrophenol	350	U	ug/kg	350	370	U	ug/kg	370	380	U	ug/kg	380	390	U	ug/kg	390
2,4-Dimethylphenol	350	U	ug/kg	350	370	U	ug/kg	370	380	U	ug/kg	380	390	U	ug/kg	390
bis(2-Chloroethoxy) methane	350	U	ug/kg	350	370	U	ug/kg	370	380	U	ug/kg	380	390	U	ug/kg	390
2,4-Dichlorophenol	350	U	ug/kg	350	370	U	ug/kg	370	380	U	ug/kg	380	390	U	ug/kg	390
1,2,4-Trichlorobenzene	350	U	ug/kg	350	370	U	ug/kg	370	380	U	ug/kg	380	390	U	ug/kg	390
Naphthalene	350	U	ug/kg	350	370	U	ug/kg	370	380	U	ug/kg	380	390	U	ug/kg	390
4-Chloroaniline	350	U	ug/kg	350	370	U	ug/kg	370	380	U	ug/kg	380	390	U	ug/kg	390
Hexachlorobutadiene	350	U	ug/kg	350	370	U	ug/kg	370	380	U	ug/kg	380	390	U	ug/kg	390
4-Chloro-3-methylphenol	350	U	ug/kg	350	370	U	ug/kg	370	380	U	ug/kg	380	390	U	ug/kg	390
2-Methylnaphthalene	350	U	ug/kg	350	370	U	ug/kg	370	380	U	ug/kg	380	390	U	ug/kg	390
Hexachlorocyclopentadiene	350	U	ug/kg	350	370	U	ug/kg	370	380	U	ug/kg	380	390	U	ug/kg	390
2,4,6-Trichlorophenol	350	U	ug/kg	350	370	U	ug/kg	370	380	U	ug/kg	380	390	U	ug/kg	390
2,4,5-Trichlorophenol	840	U	ug/kg	840	910	U	ug/kg	910	930	U	ug/kg	930	940	U	ug/kg	940
2-Chloronaphthalene	350	U	ug/kg	350	370	U	ug/kg	370	380	U	ug/kg	380	390	U	ug/kg	390
2-Nitroaniline	840	U	ug/kg	840	910	U	ug/kg	910	930	U	ug/kg	930	940	U	ug/kg	940
Dimethylphthalate	350	U	ug/kg	350	370	U	ug/kg	370	380	U	ug/kg	380	390	U	ug/kg	390
Acenaphthylene	350	U	ug/kg	350	370	U	ug/kg	370	380	U	ug/kg	380	390	U	ug/kg	390
2,6-Dinitrotoluene	350	U	ug/kg	350	370	U	ug/kg	370	380	U	ug/kg	380	390	U	ug/kg	390
3-Nitroaniline	840	U	ug/kg	840	910	U	ug/kg	910	930	U	ug/kg	930	940	U	ug/kg	940
Acenaphthene	350	U	ug/kg	350	370	U	ug/kg	370	380	U	ug/kg	380	390	U	ug/kg	390
2,4-Dinitrophenol	840	U	ug/kg	840	910	U	ug/kg	910	930	U	ug/kg	930	940	U	ug/kg	940
4-Nitrophenol	840	U	ug/kg	840	910	U	ug/kg	910	930	U	ug/kg	930	940	U	ug/kg	940
Dibenzofuran	350	U	ug/kg	350	370	U	ug/kg	370	380	U	ug/kg	380	390	U	ug/kg	390
2,4-Dinitrotoluene	350	U	ug/kg	350	370	U	ug/kg	370	380	U	ug/kg	380	390	U	ug/kg	390
Diethylphthalate	350	U	ug/kg	350	370	U	ug/kg	370	380	U	ug/kg	380	390	U	ug/kg	390
4-Chlorophenyl-phenylether	350	U	ug/kg	350	370	U	ug/kg	370	380	U	ug/kg	380	390	U	ug/kg	390
Fluorene	350	U	ug/kg	350	370	U	ug/kg	370	380	U	ug/kg	380	390	U	ug/kg	390
4-Nitroaniline	840	U	ug/kg	840	910	U	ug/kg	910	930	U	ug/kg	930	940	U	ug/kg	940
4,6-Dinitro-2-methylphenol	840	U	ug/kg	840	910	U	ug/kg	910	930	U	ug/kg	930	940	U	ug/kg	940
N-Nitrosodiphenylamine (1)	350	U	ug/kg	350	370	U	ug/kg	370	380	U	ug/kg	380	390	U	ug/kg	390
4-Bromophenyl-phenylether	350	U	ug/kg	350	370	U	ug/kg	370	380	U	ug/kg	380	390	U	ug/kg	390
Hexachlorobenzene	350	U	ug/kg	350	370	U	ug/kg	370	380	U	ug/kg	380	390	U	ug/kg	390
Pentachlorophenol	840	U	ug/kg	840	910	U	ug/kg	910	930	U	ug/kg	930	940	U	ug/kg	940
Phenanthrene	350	U	ug/kg	350	370	U	ug/kg	370	380	U	ug/kg	380	390	U	ug/kg	390
Anthracene	350	U	ug/kg	350	370	U	ug/kg	370	380	U	ug/kg	380	390	U	ug/kg	390
Carbazole	350	U	ug/kg	350	370	U	ug/kg	370	380	U	ug/kg	380	390	U	ug/kg	390
Di-n-butylphthalate	350	UJ	ug/kg	350	370	UJ	ug/kg	370	380	UJ	ug/kg	380	390	UJ	ug/kg	390
Fluoranthene	350	U	ug/kg	350	370	U	ug/kg	370	380	U	ug/kg	380	390	U	ug/kg	390
Pyrene	350	U	ug/kg	350	370	U	ug/kg	370	380	U	ug/kg	380	390	U	ug/kg	390
Butylbenzylphthalate	350	U	ug/kg	350	370	U	ug/kg	370	380	U	ug/kg	380	390	U	ug/kg	390

08/16/93 WHITING FIELD ANALYTICAL REPORT 16:22:59
SOIL BORINGS - SEMIVOLATILES - VALIDATED RESULTS

	Lab Sample Number:	34906001				34906002				34906003				34906004			
	Site	WHITING				WHITING				WHITING				WHITING			
	Locator	3SB6-1-2				3SB6-5-7				3SB6-10-12				3SB6-15-17			
	Collect Date:	18-JAN-93				18-JAN-93				18-JAN-93				18-JAN-93			
		VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL
3,3-Dichlorobenzidine		350	U	ug/kg	350	370	U	ug/kg	370	380	U	ug/kg	380	390	U	ug/kg	390
Benzo (a) anthracene		350	U	ug/kg	350	370	U	ug/kg	370	380	U	ug/kg	380	390	U	ug/kg	390
Chrysene		350	U	ug/kg	350	370	U	ug/kg	370	380	U	ug/kg	380	390	U	ug/kg	390
bis(2-Ethylhexyl) phthalate		350	U	ug/kg	350	370	U	ug/kg	370	380	U	ug/kg	380	390	U	ug/kg	390
Di-n-octylphthalate		350	UJ	ug/kg	350	370	UJ	ug/kg	370	380	UJ	ug/kg	380	390	UJ	ug/kg	390
Benzo (b) fluoranthene		350	U	ug/kg	350	370	U	ug/kg	370	380	U	ug/kg	380	390	U	ug/kg	390
Benzo (k) fluoranthene		350	U	ug/kg	350	370	U	ug/kg	370	380	U	ug/kg	380	390	U	ug/kg	390
Benzo (a) pyrene		350	U	ug/kg	350	370	U	ug/kg	370	380	U	ug/kg	380	390	U	ug/kg	390
Indeno (1,2,3-cd) pyrene		350	U	ug/kg	350	370	U	ug/kg	370	380	U	ug/kg	380	390	U	ug/kg	390
Dibenz (a,h) anthracene		350	U	ug/kg	350	370	U	ug/kg	370	380	U	ug/kg	380	390	U	ug/kg	390
Benzo (g,h,i) perylene		350	U	ug/kg	350	370	U	ug/kg	370	380	U	ug/kg	380	390	U	ug/kg	390

08/16/93 WHITING FIELD ANALYTICAL REPORT 16:22:59
SOIL BORINGS - SEMIVOLATILES - VALIDATED RESULTS

Lab Sample Number:	34906005				34909001				34909002				34909001MS			
Site	WHITING				WHITING				WHITING				WHITING			
Locator	3SB6-25-27				3SB6-70-72				3SB6-70-72A				3SB6-70-72MS			
Collect Date:	18-JAN-93				18-JAN-93				18-JAN-93				18-JAN-93			
	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL
CLP SEMIVOLATILES 90-SOW																
Phenol	350	U	ug/kg	350	360	U	ug/kg	360	360	U	ug/kg	360	360	U	ug/kg	360
bis(2-Chloroethyl) ether	350	U	ug/kg	350	360	U	ug/kg	360	360	U	ug/kg	360	360	U	ug/kg	360
2-Chlorophenol	350	U	ug/kg	350	360	U	ug/kg	360	360	U	ug/kg	360	360	U	ug/kg	360
1,3-Dichlorobenzene	350	U	ug/kg	350	360	U	ug/kg	360	360	U	ug/kg	360	360	U	ug/kg	360
1,4-Dichlorobenzene	350	U	ug/kg	350	360	U	ug/kg	360	360	U	ug/kg	360	360	U	ug/kg	360
1,2-Dichlorobenzene	350	U	ug/kg	350	360	U	ug/kg	360	360	U	ug/kg	360	360	U	ug/kg	360
2-Methylphenol	350	U	ug/kg	350	360	U	ug/kg	360	360	U	ug/kg	360	360	U	ug/kg	360
2,2-oxybis(1-Chloropropane)	350	U	ug/kg	350	360	U	ug/kg	360	360	U	ug/kg	360	360	U	ug/kg	360
4-Methylphenol	350	U	ug/kg	350	360	U	ug/kg	360	360	U	ug/kg	360	360	U	ug/kg	360
N-Nitroso-di-n-propylamine	350	U	ug/kg	350	360	U	ug/kg	360	360	U	ug/kg	360	360	U	ug/kg	360
Hexachloroethane	350	U	ug/kg	350	360	U	ug/kg	360	360	U	ug/kg	360	360	U	ug/kg	360
Nitrobenzene	350	U	ug/kg	350	360	U	ug/kg	360	360	U	ug/kg	360	360	U	ug/kg	360
Isophorone	350	U	ug/kg	350	360	U	ug/kg	360	360	U	ug/kg	360	360	U	ug/kg	360
2-Nitrophenol	350	U	ug/kg	350	360	U	ug/kg	360	360	U	ug/kg	360	360	U	ug/kg	360
2,4-Dimethylphenol	350	U	ug/kg	350	360	U	ug/kg	360	360	U	ug/kg	360	360	U	ug/kg	360
bis(2-Chloroethoxy) methane	350	U	ug/kg	350	360	U	ug/kg	360	360	U	ug/kg	360	360	U	ug/kg	360
2,4-Dichlorophenol	350	U	ug/kg	350	360	U	ug/kg	360	360	U	ug/kg	360	360	U	ug/kg	360
1,2,4-Trichlorobenzene	350	U	ug/kg	350	360	U	ug/kg	360	360	U	ug/kg	360	360	U	ug/kg	360
Naphthalene	350	U	ug/kg	350	360	U	ug/kg	360	360	U	ug/kg	360	360	U	ug/kg	360
4-Chloroaniline	350	U	ug/kg	350	360	U	ug/kg	360	360	U	ug/kg	360	360	U	ug/kg	360
Hexachlorobutadiene	350	U	ug/kg	350	360	U	ug/kg	360	360	U	ug/kg	360	360	U	ug/kg	360
4-Chloro-3-methylphenol	350	U	ug/kg	350	360	U	ug/kg	360	360	U	ug/kg	360	360	U	ug/kg	360
2-Methylnaphthalene	350	U	ug/kg	350	360	U	ug/kg	360	360	U	ug/kg	360	360	U	ug/kg	360
Hexachlorocyclopentadiene	350	U	ug/kg	350	360	U	ug/kg	360	360	U	ug/kg	360	360	U	ug/kg	360
2,4,6-Trichlorophenol	350	U	ug/kg	350	360	U	ug/kg	360	360	U	ug/kg	360	360	U	ug/kg	360
2,4,5-Trichlorophenol	860	U	ug/kg	860	880	U	ug/kg	880	880	U	ug/kg	880	880	U	ug/kg	880
2-Chloronaphthalene	350	U	ug/kg	350	360	U	ug/kg	360	360	U	ug/kg	360	360	U	ug/kg	360
2-Nitroaniline	860	U	ug/kg	860	880	U	ug/kg	880	880	U	ug/kg	880	880	U	ug/kg	880
Dimethylphthalate	350	U	ug/kg	350	360	U	ug/kg	360	360	U	ug/kg	360	360	U	ug/kg	360
Acenaphthylene	350	U	ug/kg	350	360	U	ug/kg	360	360	U	ug/kg	360	360	U	ug/kg	360
2,6-Dinitrotoluene	350	U	ug/kg	350	360	U	ug/kg	360	360	U	ug/kg	360	360	U	ug/kg	360
3-Nitroaniline	860	U	ug/kg	860	880	U	ug/kg	880	880	U	ug/kg	880	880	U	ug/kg	880
Acenaphthene	350	U	ug/kg	350	360	U	ug/kg	360	360	U	ug/kg	360	360	U	ug/kg	360
2,4-Dinitrophenol	860	U	ug/kg	860	880	U	ug/kg	880	880	U	ug/kg	880	880	U	ug/kg	880
4-Nitrophenol	860	U	ug/kg	860	880	U	ug/kg	880	880	U	ug/kg	880	880	U	ug/kg	880
Dibenzofuran	350	U	ug/kg	350	360	U	ug/kg	360	360	U	ug/kg	360	360	U	ug/kg	360
2,4-Dinitrotoluene	350	U	ug/kg	350	360	U	ug/kg	360	360	U	ug/kg	360	360	U	ug/kg	360
Diethylphthalate	350	U	ug/kg	350	360	U	ug/kg	360	360	U	ug/kg	360	360	U	ug/kg	360
4-Chlorophenyl-phenylether	350	U	ug/kg	350	360	U	ug/kg	360	360	U	ug/kg	360	360	U	ug/kg	360
Fluorene	350	U	ug/kg	350	360	U	ug/kg	360	360	U	ug/kg	360	360	U	ug/kg	360
4-Nitroaniline	860	U	ug/kg	860	880	U	ug/kg	880	880	U	ug/kg	880	880	U	ug/kg	880
4,6-Dinitro-2-methylphenol	860	U	ug/kg	860	880	U	ug/kg	880	880	U	ug/kg	880	880	U	ug/kg	880
N-Nitrosodiphenylamine (1)	350	U	ug/kg	350	360	U	ug/kg	360	360	U	ug/kg	360	360	U	ug/kg	360
4-Bromophenyl-phenylether	350	U	ug/kg	350	360	U	ug/kg	360	360	U	ug/kg	360	360	U	ug/kg	360
Hexachlorobenzene	350	U	ug/kg	350	360	U	ug/kg	360	360	U	ug/kg	360	360	U	ug/kg	360
Pentachlorophenol	860	U	ug/kg	860	880	U	ug/kg	880	880	U	ug/kg	880	880	U	ug/kg	880
Phenanthrene	350	U	ug/kg	350	360	U	ug/kg	360	360	U	ug/kg	360	360	U	ug/kg	360
Anthracene	350	U	ug/kg	350	360	U	ug/kg	360	360	U	ug/kg	360	360	U	ug/kg	360
Carbazole	350	U	ug/kg	350	360	U	ug/kg	360	360	U	ug/kg	360	360	U	ug/kg	360
Di-n-butylphthalate	350	U	ug/kg	350	360	UJ	ug/kg	360	360	UJ	ug/kg	360	46	J	ug/kg	360
Fluoranthene	350	U	ug/kg	350	360	U	ug/kg	360	360	U	ug/kg	360	360	U	ug/kg	360
Pyrene	350	U	ug/kg	350	360	U	ug/kg	360	360	U	ug/kg	360	360	U	ug/kg	360

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SOIL BORINGS - SEMIVOLATILES - VALIDATED RESULTS

Lab Sample Number:	34906005				34909001				34909002				34909001MS					
Site	WHITING				WHITING				WHITING				WHITING					
Locator	3SB6-25-27				3SB6-70-72				3SB6-70-72A				3SB6-70-72MS					
Collect Date:	18-JAN-93				18-JAN-93				18-JAN-93				18-JAN-93					
	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL		
Butylbenzylphthalate	350	U	ug/kg	350	360	U	ug/kg	360	360	U	ug/kg	360	360	U	ug/kg	360		
3,3-Dichlorobenzidine	350	U	ug/kg	350	360	U	ug/kg	360	360	U	ug/kg	360	360	U	ug/kg	360		
Benzo (a) anthracene	350	U	ug/kg	350	360	U	ug/kg	360	360	U	ug/kg	360	360	U	ug/kg	360		
Chrysene	350	U	ug/kg	350	360	U	ug/kg	360	360	U	ug/kg	360	360	U	ug/kg	360		
bis(2-Ethylhexyl) phthalate	350	UJ	ug/kg	350	360	UJ	ug/kg	360	360	UJ	ug/kg	360	360	U	ug/kg	360		
Di-n-octylphthalate	350	U	ug/kg	350	360	UJ	ug/kg	360	360	UJ	ug/kg	360	360	U	ug/kg	360		
Benzo (b) fluoranthene	350	U	ug/kg	350	360	U	ug/kg	360	360	U	ug/kg	360	360	U	ug/kg	360		
Benzo (k) fluoranthene	350	U	ug/kg	350	360	U	ug/kg	360	360	U	ug/kg	360	360	U	ug/kg	360		
Benzo (a) pyrene	350	U	ug/kg	350	360	U	ug/kg	360	360	U	ug/kg	360	360	U	ug/kg	360		
Indeno (1,2,3-cd) pyrene	350	U	ug/kg	350	360	U	ug/kg	360	360	U	ug/kg	360	360	U	ug/kg	360		
Dibenz (a,h) anthracene	350	U	ug/kg	350	360	U	ug/kg	360	360	U	ug/kg	360	360	U	ug/kg	360		
Benzo (g,h,i) perylene	350	U	ug/kg	350	360	U	ug/kg	360	360	U	ug/kg	360	360	U	ug/kg	360		

08/16/93 WHITING FIELD ANALYTICAL REPORT 16:22:59
SOIL BORINGS - SEMIVOLATILES - VALIDATED RESULTS

	34909001MS				34906010				34906011				34907011			
Lab Sample Number:																
Site	WHITING				WHITING				WHITING				WHITING			
Locator	3SB6-70-72MSD				3SB6-100-102				3SB6-100-102A				3SB6-100-102A			
Collect Date:	18-JAN-93				18-JAN-93				18-JAN-93				18-JAN-93			
	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL
CLP SEMIVOLATILES 90-SOW																
Phenol	360	U	ug/kg	360	410	U	ug/kg	410	-				400	U	ug/kg	400
bis(2-Chloroethyl) ether	360	U	ug/kg	360	410	U	ug/kg	410	-				400	U	ug/kg	400
2-Chlorophenol	360	U	ug/kg	360	410	U	ug/kg	410	-				400	U	ug/kg	400
1,3-Dichlorobenzene	360	U	ug/kg	360	410	U	ug/kg	410	-				400	U	ug/kg	400
1,4-Dichlorobenzene	360	U	ug/kg	360	410	U	ug/kg	410	-				400	U	ug/kg	400
1,2-Dichlorobenzene	360	U	ug/kg	360	410	U	ug/kg	410	-				400	U	ug/kg	400
2-Methylphenol	360	U	ug/kg	360	410	U	ug/kg	410	-				400	U	ug/kg	400
2,2-oxybis(1-Chloropropane)	360	U	ug/kg	360	410	U	ug/kg	410	-				400	U	ug/kg	400
4-Methylphenol	360	U	ug/kg	360	410	U	ug/kg	410	-				400	U	ug/kg	400
N-Nitroso-di-n-propylamine	360	U	ug/kg	360	410	U	ug/kg	410	-				400	U	ug/kg	400
Hexachloroethane	360	U	ug/kg	360	410	U	ug/kg	410	-				400	U	ug/kg	400
Nitrobenzene	360	U	ug/kg	360	410	U	ug/kg	410	-				400	U	ug/kg	400
Isophorone	360	U	ug/kg	360	410	U	ug/kg	410	-				400	U	ug/kg	400
2-Nitrophenol	360	U	ug/kg	360	410	U	ug/kg	410	-				400	U	ug/kg	400
2,4-Dimethylphenol	360	U	ug/kg	360	410	U	ug/kg	410	-				400	U	ug/kg	400
bis(2-Chloroethoxy) methane	360	U	ug/kg	360	410	U	ug/kg	410	-				400	U	ug/kg	400
2,4-Dichlorophenol	360	U	ug/kg	360	410	U	ug/kg	410	-				400	U	ug/kg	400
1,2,4-Trichlorobenzene	360	U	ug/kg	360	410	U	ug/kg	410	-				400	U	ug/kg	400
Naphthalene	360	U	ug/kg	360	410	U	ug/kg	410	-				400	U	ug/kg	400
4-Chloroaniline	360	U	ug/kg	360	410	U	ug/kg	410	-				400	U	ug/kg	400
Hexachlorobutadiene	360	U	ug/kg	360	410	U	ug/kg	410	-				400	U	ug/kg	400
4-Chloro-3-methylphenol	360	U	ug/kg	360	410	U	ug/kg	410	-				400	U	ug/kg	400
2-Methylnaphthalene	360	U	ug/kg	360	410	U	ug/kg	410	-				400	U	ug/kg	400
Hexachlorocyclopentadiene	360	U	ug/kg	360	410	U	ug/kg	410	-				400	U	ug/kg	400
2,4,6-Trichlorophenol	360	U	ug/kg	360	410	U	ug/kg	410	-				400	U	ug/kg	400
2,4,5-Trichlorophenol	880	U	ug/kg	880	1000	U	ug/kg	1000	-				980	U	ug/kg	980
2-Chloronaphthalene	360	U	ug/kg	360	410	U	ug/kg	410	-				400	U	ug/kg	400
2-Nitroaniline	880	U	ug/kg	880	1000	U	ug/kg	1000	-				980	U	ug/kg	980
Dimethylphthalate	360	U	ug/kg	360	410	U	ug/kg	410	-				400	U	ug/kg	400
Acenaphthylene	360	U	ug/kg	360	410	U	ug/kg	410	-				400	U	ug/kg	400
2,6-Dinitrotoluene	360	U	ug/kg	360	410	U	ug/kg	410	-				400	U	ug/kg	400
3-Nitroaniline	880	U	ug/kg	880	1000	U	ug/kg	1000	-				980	U	ug/kg	980
Acenaphthene	360	U	ug/kg	360	410	U	ug/kg	410	-				400	U	ug/kg	400
2,4-Dinitrophenol	880	U	ug/kg	880	1000	U	ug/kg	1000	-				980	U	ug/kg	980
4-Nitrophenol	880	U	ug/kg	880	1000	U	ug/kg	1000	-				980	U	ug/kg	980
Dibenzofuran	360	U	ug/kg	360	410	U	ug/kg	410	-				400	U	ug/kg	400
2,4-Dinitrotoluene	360	U	ug/kg	360	410	U	ug/kg	410	-				400	U	ug/kg	400
Diethylphthalate	360	U	ug/kg	360	410	U	ug/kg	410	-				400	U	ug/kg	400
4-Chlorophenyl-phenylether	360	U	ug/kg	360	410	U	ug/kg	410	-				400	U	ug/kg	400
Fluorene	360	U	ug/kg	360	410	U	ug/kg	410	-				400	U	ug/kg	400
4-Nitroaniline	880	U	ug/kg	880	1000	U	ug/kg	1000	-				980	U	ug/kg	980
4,6-Dinitro-2-methylphenol	880	U	ug/kg	880	1000	U	ug/kg	1000	-				980	U	ug/kg	980
N-Nitrosodiphenylamine (1)	360	U	ug/kg	360	410	U	ug/kg	410	-				400	U	ug/kg	400
4-Bromophenyl-phenylether	360	U	ug/kg	360	410	U	ug/kg	410	-				400	U	ug/kg	400
Hexachlorobenzene	360	U	ug/kg	360	410	U	ug/kg	410	-				400	U	ug/kg	400
Pentachlorophenol	880	U	ug/kg	880	1000	U	ug/kg	1000	-				980	U	ug/kg	980
Phenanthrene	360	U	ug/kg	360	410	U	ug/kg	410	-				400	U	ug/kg	400
Anthracene	360	U	ug/kg	360	410	U	ug/kg	410	-				400	U	ug/kg	400
Carbazole	360	U	ug/kg	360	410	U	ug/kg	410	-				400	U	ug/kg	400
Di-n-butylphthalate	49	J	ug/kg	360	410	UJ	ug/kg	410	-				400	UJ	ug/kg	400
Fluoranthene	360	U	ug/kg	360	410	U	ug/kg	410	-				400	U	ug/kg	400
Pyrene	360	U	ug/kg	360	410	U	ug/kg	410	-				400	U	ug/kg	400

	34909001MS				34906010				34906011				34907011			
Lab Sample Number:																
Site	WHITING				WHITING				WHITING				WHITING			
Locator	3SB6-70-72MSD				3SB6-100-102				3SB6-100-102A				3SB6-100-102A			
Collect Date:	18-JAN-93				18-JAN-93				18-JAN-93				18-JAN-93			
	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL
Butylbenzylphthalate	360	U	ug/kg	360	410	U	ug/kg	410	-				400	U	ug/kg	400
3,3-Dichlorobenzidine	360	U	ug/kg	360	410	U	ug/kg	410	-				400	U	ug/kg	400
Benzo (a) anthracene	360	U	ug/kg	360	410	U	ug/kg	410	-				400	U	ug/kg	400
Chrysene	360	U	ug/kg	360	410	U	ug/kg	410	-				400	U	ug/kg	400
bis(2-Ethylhexyl) phthalate	47	J	ug/kg	360	410	U	ug/kg	410	-				400	U	ug/kg	400
Di-n-octylphthalate	360	U	ug/kg	360	410	U	ug/kg	410	-				400	U	ug/kg	400
Benzo (b) fluoranthene	360	U	ug/kg	360	410	U	ug/kg	410	-				400	U	ug/kg	400
Benzo (k) fluoranthene	360	U	ug/kg	360	410	U	ug/kg	410	-				400	U	ug/kg	400
Benzo (a) pyrene	360	U	ug/kg	360	410	U	ug/kg	410	-				400	U	ug/kg	400
Indeno (1,2,3-cd) pyrene	360	U	ug/kg	360	410	U	ug/kg	410	-				400	U	ug/kg	400
Dibenz (a,h) anthracene	360	U	ug/kg	360	410	U	ug/kg	410	-				400	U	ug/kg	400
Benzo (g,h,i) perylene	360	U	ug/kg	360	410	U	ug/kg	410	-				400	U	ug/kg	400

Lab Sample Number:	35015001
Site	WHITING
Locator	3SB7-10-12
Collect Date:	27-JAN-93

	VALUE	QUAL	UNITS	DL
CLP SEMIVOLATILES 90-SOW				
Phenol	380	U	ug/kg	380
bis(2-Chloroethyl) ether	380	U	ug/kg	380
2-Chlorophenol	380	U	ug/kg	380
1,3-Dichlorobenzene	380	U	ug/kg	380
1,4-Dichlorobenzene	380	U	ug/kg	380
1,2-Dichlorobenzene	380	U	ug/kg	380
2-Methylphenol	380	U	ug/kg	380
2,2-oxybis(1-Chloropropane)	380	U	ug/kg	380
4-Methylphenol	380	U	ug/kg	380
N-Nitroso-di-n-propylamine	380	U	ug/kg	380
Hexachloroethane	380	U	ug/kg	380
Nitrobenzene	380	U	ug/kg	380
Isophorone	380	U	ug/kg	380
2-Nitrophenol	380	U	ug/kg	380
2,4-Dimethylphenol	380	U	ug/kg	380
bis(2-Chloroethoxy) methane	380	U	ug/kg	380
2,4-Dichlorophenol	380	U	ug/kg	380
1,2,4-Trichlorobenzene	380	U	ug/kg	380
Naphthalene	380	U	ug/kg	380
4-Chloroaniline	380	UJ	ug/kg	380
Hexachlorobutadiene	380	U	ug/kg	380
4-Chloro-3-methylphenol	380	U	ug/kg	380
2-Methylnaphthalene	380	U	ug/kg	380
Hexachlorocyclopentadiene	380	U	ug/kg	380
2,4,6-Trichlorophenol	380	U	ug/kg	380
2,4,5-Trichlorophenol	920	U	ug/kg	920
2-Chloronaphthalene	380	U	ug/kg	380
2-Nitroaniline	920	U	ug/kg	920
Dimethylphthalate	380	U	ug/kg	380
Acenaphthylene	380	U	ug/kg	380
2,6-Dinitrotoluene	380	U	ug/kg	380
3-Nitroaniline	920	UJ	ug/kg	920
Acenaphthene	380	U	ug/kg	380
2,4-Dinitrophenol	920	U	ug/kg	920
4-Nitrophenol	920	U	ug/kg	920
Dibenzofuran	380	U	ug/kg	380
2,4-Dinitrotoluene	380	U	ug/kg	380
Diethylphthalate	380	U	ug/kg	380
4-Chlorophenyl-phenylether	380	U	ug/kg	380
Fluorene	380	U	ug/kg	380
4-Nitroaniline	920	UJ	ug/kg	920
4,6-Dinitro-2-methylphenol	920	U	ug/kg	920
N-Nitrosodiphenylamine (1)	380	U	ug/kg	380
4-Bromophenyl-phenylether	380	U	ug/kg	380
Hexachlorobenzene	380	U	ug/kg	380
Pentachlorophenol	920	UJ	ug/kg	920
Phenanthrene	380	U	ug/kg	380
Anthracene	380	U	ug/kg	380
Carbazole	380	U	ug/kg	380
Di-n-butylphthalate	380	U	ug/kg	380
Fluoranthene	380	U	ug/kg	380
Pyrene	380	U	ug/kg	380
Butylbenzylphthalate	380	UJ	ug/kg	380

Lab Sample Number:	35015001
Site	WHITING
Locator	3SB7-10-12
Collect Date:	27-JAN-93

	VALUE	QUAL	UNITS	DL
3,3-Dichlorobenzidine	380	U	ug/kg	380
Benzo (a) anthracene	380	UJ	ug/kg	380
Chrysene	380	U	ug/kg	380
bis(2-Ethylhexyl) phthalate	380	UJ	ug/kg	380
Di-n-octylphthalate	380	UJ	ug/kg	380
Benzo (b) fluoranthene	380	U	ug/kg	380
Benzo (k) fluoranthene	380	U	ug/kg	380
Benzo (a) pyrene	380	U	ug/kg	380
Indeno (1,2,3-cd) pyrene	380	U	ug/kg	380
Dibenz (a,h) anthracene	380	U	ug/kg	380
Benzo (g,h,i) perylene	380	UJ	ug/kg	380

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SOIL BORINGS - SEMIVOLATILES - VALIDATED RESULTS

Lab Sample Number:	34833007				34834001				34834002				34834M01			
Site	WHITING				WHITING				WHITING				WHITING			
Locator	3SB8-10-12				3SB8-15-17				3SB8-15-17A				3SB8-15_MS			
Collect Date:	08-JAN-93				08-JAN-93				08-JAN-93				08-JAN-93			
	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL
CLP SEMIVOLATILES 90-SOW																
Phenol	370	U	ug/kg	370	380	U	ug/kg	380	380	U	ug/kg	380	380	U	ug/kg	380
bis(2-Chloroethyl) ether	370	U	ug/kg	370	380	U	ug/kg	380	380	U	ug/kg	380	380	U	ug/kg	380
2-Chlorophenol	370	U	ug/kg	370	380	U	ug/kg	380	380	U	ug/kg	380	380	U	ug/kg	380
1,3-Dichlorobenzene	370	U	ug/kg	370	380	U	ug/kg	380	380	U	ug/kg	380	380	U	ug/kg	380
1,4-Dichlorobenzene	370	U	ug/kg	370	380	U	ug/kg	380	380	U	ug/kg	380	380	U	ug/kg	380
1,2-Dichlorobenzene	370	U	ug/kg	370	380	U	ug/kg	380	380	U	ug/kg	380	380	U	ug/kg	380
2-Methylphenol	370	U	ug/kg	370	380	U	ug/kg	380	380	U	ug/kg	380	380	U	ug/kg	380
2,2-oxybis(1-Chloropropane)	370	U	ug/kg	370	380	U	ug/kg	380	380	U	ug/kg	380	380	U	ug/kg	380
4-Methylphenol	370	U	ug/kg	370	380	U	ug/kg	380	380	U	ug/kg	380	380	U	ug/kg	380
N-Nitroso-di-n-propylamine	370	U	ug/kg	370	380	U	ug/kg	380	380	U	ug/kg	380	380	U	ug/kg	380
Hexachloroethane	370	U	ug/kg	370	380	U	ug/kg	380	380	U	ug/kg	380	380	U	ug/kg	380
Nitrobenzene	370	U	ug/kg	370	380	U	ug/kg	380	380	U	ug/kg	380	380	U	ug/kg	380
Isophorone	370	U	ug/kg	370	380	U	ug/kg	380	380	U	ug/kg	380	380	U	ug/kg	380
2-Nitrophenol	370	U	ug/kg	370	380	U	ug/kg	380	380	U	ug/kg	380	380	U	ug/kg	380
2,4-Dimethylphenol	370	U	ug/kg	370	380	U	ug/kg	380	380	U	ug/kg	380	380	U	ug/kg	380
bis(2-Chloroethoxy) methane	370	U	ug/kg	370	380	U	ug/kg	380	380	U	ug/kg	380	380	U	ug/kg	380
2,4-Dichlorophenol	370	U	ug/kg	370	380	U	ug/kg	380	380	U	ug/kg	380	380	U	ug/kg	380
1,2,4-Trichlorobenzene	370	U	ug/kg	370	380	U	ug/kg	380	380	U	ug/kg	380	380	U	ug/kg	380
Naphthalene	370	U	ug/kg	370	380	U	ug/kg	380	380	U	ug/kg	380	380	U	ug/kg	380
4-Chloroaniline	370	U	ug/kg	370	380	U	ug/kg	380	380	U	ug/kg	380	380	U	ug/kg	380
Hexachlorobutadiene	370	U	ug/kg	370	380	U	ug/kg	380	380	U	ug/kg	380	380	U	ug/kg	380
4-Chloro-3-methylphenol	370	U	ug/kg	370	380	U	ug/kg	380	380	U	ug/kg	380	380	U	ug/kg	380
2-Methylnaphthalene	370	U	ug/kg	370	380	U	ug/kg	380	380	U	ug/kg	380	380	U	ug/kg	380
Hexachlorocyclopentadiene	370	U	ug/kg	370	380	U	ug/kg	380	380	U	ug/kg	380	380	U	ug/kg	380
2,4,6-Trichlorophenol	370	U	ug/kg	370	380	U	ug/kg	380	380	U	ug/kg	380	380	U	ug/kg	380
2,4,5-Trichlorophenol	910	U	ug/kg	910	920	U	ug/kg	920	920	U	ug/kg	920	920	U	ug/kg	920
2-Chloronaphthalene	370	U	ug/kg	370	380	U	ug/kg	380	380	U	ug/kg	380	380	U	ug/kg	380
2-Nitroaniline	910	U	ug/kg	910	920	U	ug/kg	920	920	U	ug/kg	920	920	U	ug/kg	920
Dimethylphthalate	370	U	ug/kg	370	380	U	ug/kg	380	380	U	ug/kg	380	380	U	ug/kg	380
Acenaphthylene	370	U	ug/kg	370	380	U	ug/kg	380	380	U	ug/kg	380	380	U	ug/kg	380
2,6-Dinitrotoluene	370	U	ug/kg	370	380	U	ug/kg	380	380	U	ug/kg	380	380	U	ug/kg	380
3-Nitroaniline	910	U	ug/kg	910	920	U	ug/kg	920	920	UJ	ug/kg	920	920	U	ug/kg	920
Acenaphthene	370	U	ug/kg	370	380	U	ug/kg	380	380	U	ug/kg	380	380	U	ug/kg	380
2,4-Dinitrophenol	910	U	ug/kg	910	920	UJ	ug/kg	920	920	UJ	ug/kg	920	920	U	ug/kg	920
4-Nitrophenol	910	U	ug/kg	910	920	UJ	ug/kg	920	920	UJ	ug/kg	920	920	U	ug/kg	920
Dibenzofuran	370	U	ug/kg	370	380	U	ug/kg	380	380	U	ug/kg	380	380	U	ug/kg	380
2,4-Dinitrotoluene	370	U	ug/kg	370	380	U	ug/kg	380	380	U	ug/kg	380	380	U	ug/kg	380
Diethylphthalate	370	U	ug/kg	370	380	U	ug/kg	380	97	J	ug/kg	380	98	J	ug/kg	380
4-Chlorophenyl-phenylether	370	U	ug/kg	370	380	U	ug/kg	380	380	U	ug/kg	380	380	U	ug/kg	380
Fluorene	370	U	ug/kg	370	380	U	ug/kg	380	380	U	ug/kg	380	380	U	ug/kg	380
4-Nitroaniline	910	U	ug/kg	910	920	UJ	ug/kg	920	920	UJ	ug/kg	920	920	U	ug/kg	920
4,6-Dinitro-2-methylphenol	910	U	ug/kg	910	920	U	ug/kg	920	920	U	ug/kg	920	920	U	ug/kg	920
N-Nitrosodiphenylamine (1)	370	U	ug/kg	370	380	U	ug/kg	380	380	U	ug/kg	380	380	U	ug/kg	380
4-Bromophenyl-phenylether	370	U	ug/kg	370	380	U	ug/kg	380	380	U	ug/kg	380	380	U	ug/kg	380
Hexachlorobenzene	370	U	ug/kg	370	380	U	ug/kg	380	380	U	ug/kg	380	380	U	ug/kg	380
Pentachlorophenol	910	U	ug/kg	910	920	U	ug/kg	920	920	UJ	ug/kg	920	920	U	ug/kg	920
Phenanthrene	370	U	ug/kg	370	380	U	ug/kg	380	380	U	ug/kg	380	380	U	ug/kg	380
Anthracene	370	U	ug/kg	370	380	U	ug/kg	380	380	U	ug/kg	380	380	U	ug/kg	380
Carbazole	370	U	ug/kg	370	380	U	ug/kg	380	380	U	ug/kg	380	380	U	ug/kg	380
Di-n-butylphthalate	370	U	ug/kg	370	380	U	ug/kg	380	380	U	ug/kg	380	380	U	ug/kg	380
Fluoranthene	370	U	ug/kg	370	380	U	ug/kg	380	380	U	ug/kg	380	380	U	ug/kg	380
Pyrene	370	U	ug/kg	370	380	U	ug/kg	380	380	U	ug/kg	380	380	U	ug/kg	380
Butylbenzylphthalate	370	U	ug/kg	370	380	U	ug/kg	380	380	U	ug/kg	380	380	U	ug/kg	380

08/16/93 WHITING FIELD ANALYTICAL REPORT 16:26:16
SOIL BORINGS - SEMIVOLATILES - VALIDATED RESULTS

Lab Sample Number:	34833007				34834001				34834002				34834M01			
Site	WHITING				WHITING				WHITING				WHITING			
Locator	3SB8-10-12				3SB8-15-17				3SB8-15-17A				3SB8-15_MS			
Collect Date:	08-JAN-93				08-JAN-93				08-JAN-93				08-JAN-93			
	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL
3,3-Dichlorobenzidine	370	U	ug/kg	370	380	U	ug/kg	380	380	U	ug/kg	380	380	U	ug/kg	380
Benzo (a) anthracene	370	U	ug/kg	370	380	U	ug/kg	380	380	U	ug/kg	380	380	U	ug/kg	380
Chrysene	370	U	ug/kg	370	380	U	ug/kg	380	380	U	ug/kg	380	380	U	ug/kg	380
bis(2-Ethylhexyl) phthalate	370	UJ	ug/kg	380	380	UJ	ug/kg	380	380	UJ	ug/kg	380	880		ug/kg	380
Di-n-octylphthalate	370	U	ug/kg	370	380	U	ug/kg	380	380	U	ug/kg	380	380	U	ug/kg	380
Benzo (b) fluoranthene	370	U	ug/kg	370	380	U	ug/kg	380	380	U	ug/kg	380	380	U	ug/kg	380
Benzo (k) fluoranthene	370	U	ug/kg	370	380	U	ug/kg	380	380	U	ug/kg	380	380	U	ug/kg	380
Benzo (a) pyrene	370	U	ug/kg	370	380	U	ug/kg	380	380	U	ug/kg	380	380	U	ug/kg	380
Indeno (1,2,3-cd) pyrene	370	U	ug/kg	370	380	U	ug/kg	380	380	U	ug/kg	380	380	U	ug/kg	380
Dibenz (a,h) anthracene	370	U	ug/kg	370	380	U	ug/kg	380	380	U	ug/kg	380	380	U	ug/kg	380
Benzo (g,h,i) perylene	370	U	ug/kg	370	380	U	ug/kg	380	380	U	ug/kg	380	380	U	ug/kg	380

08/16/93 WHITING FIELD ANALYTICAL REPORT 16:26:16
SOIL BORINGS - SEMIVOLATILES - VALIDATED RESULTS

Lab Sample Number:	34834D01
Site	WHITING
Locator	3SB8-15_MSD
Collect Date:	08-JAN-93

	VALUE	QUAL	UNITS	DL
CLP SEMIVOLATILES 90-SOW				
Phenol	380	U	ug/kg	380
bis(2-Chloroethyl) ether	380	U	ug/kg	380
2-Chlorophenol	380	U	ug/kg	380
1,3-Dichlorobenzene	380	U	ug/kg	380
1,4-Dichlorobenzene	380	U	ug/kg	380
1,2-Dichlorobenzene	380	U	ug/kg	380
2-Methylphenol	380	U	ug/kg	380
2,2-oxybis(1-Chloropropane)	380	U	ug/kg	380
4-Methylphenol	380	U	ug/kg	380
N-Nitroso-di-n-propylamine	380	U	ug/kg	380
Hexachloroethane	380	U	ug/kg	380
Nitrobenzene	380	U	ug/kg	380
Isophorone	380	U	ug/kg	380
2-Nitrophenol	380	U	ug/kg	380
2,4-Dimethylphenol	380	U	ug/kg	380
bis(2-Chloroethoxy) methane	380	U	ug/kg	380
2,4-Dichlorophenol	380	U	ug/kg	380
1,2,4-Trichlorobenzene	380	U	ug/kg	380
Naphthalene	380	U	ug/kg	380
4-Chloroaniline	380	U	ug/kg	380
Hexachlorobutadiene	380	U	ug/kg	380
4-Chloro-3-methylphenol	380	U	ug/kg	380
2-Methylnaphthalene	380	U	ug/kg	380
Hexachlorocyclopentadiene	380	U	ug/kg	380
2,4,6-Trichlorophenol	380	U	ug/kg	380
2,4,5-Trichlorophenol	920	U	ug/kg	920
2-Chloronaphthalene	380	U	ug/kg	380
2-Nitroaniline	920	U	ug/kg	920
Dimethylphthalate	380	U	ug/kg	380
Acenaphthylene	380	U	ug/kg	380
2,6-Dinitrotoluene	380	U	ug/kg	380
3-Nitroaniline	920	U	ug/kg	920
Acenaphthene	380	U	ug/kg	380
2,4-Dinitrophenol	920	U	ug/kg	920
4-Nitrophenol	920	U	ug/kg	920
Dibenzofuran	380	U	ug/kg	380
2,4-Dinitrotoluene	380	U	ug/kg	380
Diethylphthalate	100	J	ug/kg	380
4-Chlorophenyl-phenylether	380	U	ug/kg	380
Fluorene	380	U	ug/kg	380
4-Nitroaniline	920	U	ug/kg	920
4,6-Dinitro-2-methylphenol	920	U	ug/kg	920
N-Nitrosodiphenylamine (1)	380	U	ug/kg	380
4-Bromophenyl-phenylether	380	U	ug/kg	380
Hexachlorobenzene	380	U	ug/kg	380
Pentachlorophenol	920	U	ug/kg	920
Phenanthrene	380	U	ug/kg	380
Anthracene	380	U	ug/kg	380
Carbazole	380	U	ug/kg	380
Di-n-butylphthalate	380	U	ug/kg	380
Fluoranthene	380	U	ug/kg	380
Pyrene	380	U	ug/kg	380

08/16/93 WHITING FIELD ANALYTICAL REPORT 16:26:16
SOIL BORINGS - SEMIVOLATILES - VALIDATED RESULTS

Lab Sample Number:	34834D01
Site	WHITING
Locator	3SB8-15_MSD
Collect Date:	08-JAN-93

	VALUE	QUAL	UNITS	DL
Butylbenzylphthalate	380	U	ug/kg	380
3,3-Dichlorobenzidine	380	U	ug/kg	380
Benzo (a) anthracene	380	U	ug/kg	380
Chrysene	380	U	ug/kg	380
bis(2-Ethylhexyl) phthalate	290	J	ug/kg	380
Di-n-octylphthalate	380	U	ug/kg	380
Benzo (b) fluoranthene	380	U	ug/kg	380
Benzo (k) fluoranthene	380	U	ug/kg	380
Benzo (a) pyrene	380	U	ug/kg	380
Indeno (1,2,3-cd) pyrene	380	U	ug/kg	380
Dibenz (a,h) anthracene	380	U	ug/kg	380
Benzo (g,h,i) perylene	380	U	ug/kg	380

08/16/93 WHITING FIELD ANALYTICAL REPORT 16:27:36
SOIL BORINGS - SEMIVOLATILES - VALIDATED RESULTS

Lab Sample Number:	34833003				34833004				34833005				34833006			
Site	WHITING				WHITING				WHITING				WHITING			
Locator	3SB9-1-2				3SB9-5-7				3SB9-15-17				3SB9-30-32			
Collect Date:	08-JAN-93				08-JAN-93				08-JAN-93				08-JAN-93			
	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL
CLP SEMIVOLATILES 90-SOW																
Phenol	340	U	ug/kg	340	420	U	ug/kg	420	380	U	ug/kg	380	350	U	ug/kg	350
bis(2-Chloroethyl) ether	340	U	ug/kg	340	420	U	ug/kg	420	380	U	ug/kg	380	350	U	ug/kg	350
2-Chlorophenol	340	U	ug/kg	340	420	U	ug/kg	420	380	U	ug/kg	380	350	U	ug/kg	350
1,3-Dichlorobenzene	340	U	ug/kg	340	420	U	ug/kg	420	380	U	ug/kg	380	350	U	ug/kg	350
1,4-Dichlorobenzene	340	U	ug/kg	340	420	U	ug/kg	420	380	U	ug/kg	380	350	U	ug/kg	350
1,2-Dichlorobenzene	340	U	ug/kg	340	420	U	ug/kg	420	380	U	ug/kg	380	350	U	ug/kg	350
2-Methylphenol	340	U	ug/kg	340	420	U	ug/kg	420	380	U	ug/kg	380	350	U	ug/kg	350
2,2-oxybis(1-Chloropropane)	340	U	ug/kg	340	420	U	ug/kg	420	380	U	ug/kg	380	350	U	ug/kg	350
4-Methylphenol	340	U	ug/kg	340	420	U	ug/kg	420	380	U	ug/kg	380	350	U	ug/kg	350
N-Nitroso-di-n-propylamine	340	U	ug/kg	340	420	U	ug/kg	420	380	U	ug/kg	380	350	U	ug/kg	350
Hexachloroethane	340	U	ug/kg	340	420	U	ug/kg	420	380	U	ug/kg	380	350	U	ug/kg	350
Nitrobenzene	340	U	ug/kg	340	420	U	ug/kg	420	380	U	ug/kg	380	350	U	ug/kg	350
Isophorone	340	U	ug/kg	340	420	U	ug/kg	420	380	U	ug/kg	380	350	U	ug/kg	350
2-Nitrophenol	340	U	ug/kg	340	420	U	ug/kg	420	380	U	ug/kg	380	350	U	ug/kg	350
2,4-Dimethylphenol	340	U	ug/kg	340	420	U	ug/kg	420	380	U	ug/kg	380	350	U	ug/kg	350
bis(2-Chloroethoxy) methane	340	U	ug/kg	340	420	U	ug/kg	420	380	U	ug/kg	380	350	U	ug/kg	350
2,4-Dichlorophenol	340	U	ug/kg	340	420	U	ug/kg	420	380	U	ug/kg	380	350	U	ug/kg	350
1,2,4-Trichlorobenzene	340	U	ug/kg	340	420	U	ug/kg	420	380	U	ug/kg	380	350	U	ug/kg	350
Naphthalene	340	U	ug/kg	340	420	U	ug/kg	420	380	U	ug/kg	380	350	U	ug/kg	350
4-Chloroaniline	340	U	ug/kg	340	420	U	ug/kg	420	380	U	ug/kg	380	350	U	ug/kg	350
Hexachlorobutadiene	340	U	ug/kg	340	420	U	ug/kg	420	380	U	ug/kg	380	350	U	ug/kg	350
4-Chloro-3-methylphenol	340	U	ug/kg	340	420	U	ug/kg	420	380	U	ug/kg	380	350	U	ug/kg	350
2-Methylnaphthalene	340	U	ug/kg	340	420	U	ug/kg	420	380	U	ug/kg	380	350	U	ug/kg	350
Hexachlorocyclopentadiene	340	U	ug/kg	340	420	U	ug/kg	420	380	U	ug/kg	380	350	U	ug/kg	350
2,4,6-Trichlorophenol	340	U	ug/kg	340	420	U	ug/kg	420	380	U	ug/kg	380	350	U	ug/kg	350
2,4,5-Trichlorophenol	830	U	ug/kg	830	1000	U	ug/kg	1000	930	U	ug/kg	930	850	U	ug/kg	850
2-Chloronaphthalene	340	U	ug/kg	340	420	U	ug/kg	420	380	U	ug/kg	380	350	U	ug/kg	350
2-Nitroaniline	830	U	ug/kg	830	1000	U	ug/kg	1000	930	U	ug/kg	930	850	U	ug/kg	850
Dimethylphthalate	340	U	ug/kg	340	420	U	ug/kg	420	380	U	ug/kg	380	350	U	ug/kg	350
Acenaphthylene	340	U	ug/kg	340	420	U	ug/kg	420	380	U	ug/kg	380	350	U	ug/kg	350
2,6-Dinitrotoluene	340	U	ug/kg	340	420	U	ug/kg	420	380	U	ug/kg	380	350	U	ug/kg	350
3-Nitroaniline	830	U	ug/kg	830	1000	U	ug/kg	1000	930	U	ug/kg	930	850	U	ug/kg	850
Acenaphthene	340	U	ug/kg	340	420	U	ug/kg	420	380	U	ug/kg	380	350	U	ug/kg	350
2,4-Dinitrophenol	830	UJ	ug/kg	830	1000	U	ug/kg	1000	930	U	ug/kg	930	850	U	ug/kg	850
4-Nitrophenol	830	U	ug/kg	830	1000	U	ug/kg	1000	930	U	ug/kg	930	850	U	ug/kg	850
Dibenzofuran	340	U	ug/kg	340	420	U	ug/kg	420	380	U	ug/kg	380	350	U	ug/kg	350
2,4-Dinitrotoluene	340	U	ug/kg	340	420	U	ug/kg	420	380	U	ug/kg	380	350	U	ug/kg	350
Diethylphthalate	340	U	ug/kg	340	420	U	ug/kg	420	380	U	ug/kg	380	350	U	ug/kg	350
4-Chlorophenyl-phenylether	340	U	ug/kg	340	420	U	ug/kg	420	380	U	ug/kg	380	350	U	ug/kg	350
Fluorene	340	U	ug/kg	340	420	U	ug/kg	420	380	U	ug/kg	380	350	U	ug/kg	350
4-Nitroaniline	830	UJ	ug/kg	830	1000	U	ug/kg	1000	930	U	ug/kg	930	850	U	ug/kg	850
4,6-Dinitro-2-methylphenol	830	U	ug/kg	830	1000	U	ug/kg	1000	930	U	ug/kg	930	850	U	ug/kg	850
N-Nitrosodiphenylamine (1)	340	U	ug/kg	340	420	U	ug/kg	420	380	U	ug/kg	380	350	U	ug/kg	350
4-Bromophenyl-phenylether	340	U	ug/kg	340	420	U	ug/kg	420	380	U	ug/kg	380	350	U	ug/kg	350
Hexachlorobenzene	340	U	ug/kg	340	420	U	ug/kg	420	380	U	ug/kg	380	350	U	ug/kg	350
Pentachlorophenol	830	UJ	ug/kg	830	1000	U	ug/kg	1000	930	U	ug/kg	930	850	U	ug/kg	850
Phenanthrene	48	J	ug/kg	340	420	U	ug/kg	420	380	U	ug/kg	380	350	U	ug/kg	350
Anthracene	340	U	ug/kg	340	420	U	ug/kg	420	380	U	ug/kg	380	350	U	ug/kg	350
Carbazole	340	U	ug/kg	340	420	U	ug/kg	420	380	U	ug/kg	380	350	U	ug/kg	350
Di-n-butylphthalate	340	U	ug/kg	340	420	U	ug/kg	420	380	U	ug/kg	380	350	U	ug/kg	350
Fluoranthene	220	J	ug/kg	340	420	U	ug/kg	420	380	U	ug/kg	380	350	U	ug/kg	350
Pyrene	180	J	ug/kg	340	420	U	ug/kg	420	380	U	ug/kg	380	350	U	ug/kg	350
Butylbenzylphthalate	340	U	ug/kg	340	420	U	ug/kg	420	380	U	ug/kg	380	350	U	ug/kg	350

08/16/93 WHITING FIELD ANALYTICAL REPORT 16:27:36
SOIL BORINGS - SEMIVOLATILES - VALIDATED RESULTS

	34833003				34833004				34833005				34833006			
Lab Sample Number:																
Site	WHITING				WHITING				WHITING				WHITING			
Locator	3SB9-1-2				3SB9-5-7				3SB9-15-17				3SB9-30-32			
Collect Date:	08-JAN-93				08-JAN-93				08-JAN-93				08-JAN-93			
	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL
3,3-Dichlorobenzidine	340	U	ug/kg	340	420	U	ug/kg	420	380	U	ug/kg	380	350	U	ug/kg	350
Benzo (a) anthracene	98	J	ug/kg	340	420	U	ug/kg	420	380	U	ug/kg	380	350	U	ug/kg	350
Chrysene	130	J	ug/kg	340	420	U	ug/kg	420	380	U	ug/kg	380	350	U	ug/kg	350
bis(2-Ethylhexyl) phthalate	340	U	ug/kg	340	420	U	ug/kg	420	380	UJ	ug/kg	380	350	U	ug/kg	350
Di-n-octylphthalate	340	U	ug/kg	340	420	U	ug/kg	420	380	U	ug/kg	380	350	U	ug/kg	350
Benzo (b) fluoranthene	84	J	ug/kg	340	420	U	ug/kg	420	380	U	ug/kg	380	350	U	ug/kg	350
Benzo (k) fluoranthene	81	J	ug/kg	340	420	U	ug/kg	420	380	U	ug/kg	380	350	U	ug/kg	350
Benzo (a) pyrene	40	J	ug/kg	340	420	U	ug/kg	420	380	U	ug/kg	380	350	U	ug/kg	350
Indeno (1,2,3-cd) pyrene	340	U	ug/kg	340	420	U	ug/kg	420	380	U	ug/kg	380	350	U	ug/kg	350
Dibenz (a,h) anthracene	340	U	ug/kg	340	420	U	ug/kg	420	380	U	ug/kg	380	350	U	ug/kg	350
Benzo (g,h,i) perylene	340	U	ug/kg	340	420	U	ug/kg	420	380	U	ug/kg	380	350	U	ug/kg	350

08/16/93 WHITING FIELD ANALYTICAL REPORT 16:13:34
SOIL BORINGS - SEMIVOLATILES - VALIDATED RESULTS

Lab Sample Number:	34833001				34833002				
Site	WHITING				WHITING				
Locator	3SB10-10-12				3SB10-15-17				
Collect Date:	08-JAN-93				08-JAN-93				
	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	
CLP SEMIVOLATILES 90-SOW									
Phenol	380	U	ug/kg	380	390	U	ug/kg	390	
bis(2-Chloroethyl) ether	380	U	ug/kg	380	390	U	ug/kg	390	
2-Chlorophenol	380	U	ug/kg	380	390	U	ug/kg	390	
1,3-Dichlorobenzene	380	U	ug/kg	380	390	U	ug/kg	390	
1,4-Dichlorobenzene	380	U	ug/kg	380	390	U	ug/kg	390	
1,2-Dichlorobenzene	380	U	ug/kg	380	390	U	ug/kg	390	
2-Methylphenol	380	U	ug/kg	380	390	U	ug/kg	390	
2,2-oxybis(1-Chloropropane)	380	U	ug/kg	380	390	U	ug/kg	390	
4-Methylphenol	380	U	ug/kg	380	390	U	ug/kg	390	
N-Nitroso-di-n-propylamine	380	U	ug/kg	380	390	U	ug/kg	390	
Hexachloroethane	380	U	ug/kg	380	390	U	ug/kg	390	
Nitrobenzene	380	U	ug/kg	380	390	U	ug/kg	390	
Isophorone	380	U	ug/kg	380	390	U	ug/kg	390	
2-Nitrophenol	380	U	ug/kg	380	390	U	ug/kg	390	
2,4-Dimethylphenol	380	U	ug/kg	380	390	U	ug/kg	390	
bis(2-Chloroethoxy) methane	380	U	ug/kg	380	390	U	ug/kg	390	
2,4-Dichlorophenol	380	U	ug/kg	380	390	U	ug/kg	390	
1,2,4-Trichlorobenzene	380	U	ug/kg	380	390	U	ug/kg	390	
Naphthalene	380	U	ug/kg	380	390	U	ug/kg	390	
4-Chloroaniline	380	U	ug/kg	380	390	U	ug/kg	390	
Hexachlorobutadiene	380	U	ug/kg	380	390	U	ug/kg	390	
4-Chloro-3-methylphenol	380	U	ug/kg	380	390	U	ug/kg	390	
2-Methylnaphthalene	380	U	ug/kg	380	390	U	ug/kg	390	
Hexachlorocyclopentadiene	380	U	ug/kg	380	390	U	ug/kg	390	
2,4,6-Trichlorophenol	380	U	ug/kg	380	390	U	ug/kg	390	
2,4,5-Trichlorophenol	930	U	ug/kg	930	940	U	ug/kg	940	
2-Chloronaphthalene	380	U	ug/kg	380	390	U	ug/kg	390	
2-Nitroaniline	930	U	ug/kg	930	940	U	ug/kg	940	
Dimethylphthalate	380	U	ug/kg	380	390	U	ug/kg	390	
Acenaphthylene	380	U	ug/kg	380	390	U	ug/kg	390	
2,6-Dinitrotoluene	380	U	ug/kg	380	390	U	ug/kg	390	
3-Nitroaniline	930	UJ	ug/kg	930	940	UJ	ug/kg	940	
Acenaphthene	380	U	ug/kg	380	390	U	ug/kg	390	
2,4-Dinitrophenol	930	UJ	ug/kg	930	940	UJ	ug/kg	940	
4-Nitrophenol	930	UJ	ug/kg	930	940	UJ	ug/kg	940	
Dibenzofuran	380	U	ug/kg	380	390	U	ug/kg	390	
2,4-Dinitrotoluene	380	U	ug/kg	380	390	U	ug/kg	390	
Diethylphthalate	380	U	ug/kg	380	390	U	ug/kg	390	
4-Chlorophenyl-phenylether	380	U	ug/kg	380	390	U	ug/kg	390	
Fluorene	380	U	ug/kg	380	390	U	ug/kg	390	
4-Nitroaniline	930	UJ	ug/kg	930	940	UJ	ug/kg	940	
4,6-Dinitro-2-methylphenol	930	U	ug/kg	930	940	U	ug/kg	940	
N-Nitrosodiphenylamine (1)	380	U	ug/kg	380	390	U	ug/kg	390	
4-Bromophenyl-phenylether	380	U	ug/kg	380	390	U	ug/kg	390	
Hexachlorobenzene	380	U	ug/kg	380	390	U	ug/kg	390	
Pentachlorophenol	930	UJ	ug/kg	930	940	UJ	ug/kg	940	
Phenanthrene	380	U	ug/kg	380	390	U	ug/kg	390	
Anthracene	380	U	ug/kg	380	390	U	ug/kg	390	
Carbazole	380	U	ug/kg	380	390	U	ug/kg	390	
Di-n-butylphthalate	380	U	ug/kg	380	390	U	ug/kg	390	
Fluoranthene	380	U	ug/kg	380	390	U	ug/kg	390	
Pyrene	380	U	ug/kg	380	390	U	ug/kg	390	
Butylbenzylphthalate	380	U	ug/kg	380	390	U	ug/kg	390	

08/16/93 WHITING FIELD ANALYTICAL REPORT 16:13:34
SOIL BORINGS - SEMIVOLATILES - VALIDATED RESULTS

Lab Sample Number:	34833001				34833002			
Site	WHITING				WHITING			
Locator	3SB10-10-12				3SB10-15-17			
Collect Date:	08-JAN-93				08-JAN-93			
	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL
3,3-Dichlorobenzidine	380	U	ug/kg	380	390	U	ug/kg	390
Benzo (a) anthracene	380	U	ug/kg	380	390	U	ug/kg	390
Chrysene	380	U	ug/kg	380	390	U	ug/kg	390
bis(2-Ethylhexyl) phthalate	380	U	ug/kg	380	390	U	ug/kg	390
Di-n-octylphthalate	380	U	ug/kg	380	390	U	ug/kg	390
Benzo (b) fluoranthene	380	U	ug/kg	380	390	U	ug/kg	390
Benzo (k) fluoranthene	380	U	ug/kg	380	390	U	ug/kg	390
Benzo (a) pyrene	380	U	ug/kg	380	390	U	ug/kg	390
Indeno (1,2,3-cd) pyrene	380	U	ug/kg	380	390	U	ug/kg	390
Dibenz (a,h) anthracene	380	U	ug/kg	380	390	U	ug/kg	390
Benzo (g,h,i) perylene	380	U	ug/kg	380	390	U	ug/kg	390

08/16/93 WHITING FIELD ANALYTICAL REPORT 16:28:48
SOIL BORINGS - SEMIVOLATILES - VALIDATED RESULTS

Lab Sample Number:		34906012				34906K12				34925007				34836007				
Site		WHITING				WHITING				WHITING				WHITING				
Locator		3SBFB01				3SBFB01				3SBRB1				3SBRB3				
Collect Date:		18-JAN-93				18-JAN-93				19-JAN-93				09-JAN-93				
	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL		
CLP SEMIVOLATILES 90-SOW																		
Phenol	-				10	U	ug/l	10	10	U	ug/l	10	10	U	ug/l	10		
bis(2-Chloroethyl) ether	-				10	U	ug/l	10	10	U	ug/l	10	10	U	ug/l	10		
2-Chlorophenol	-				10	U	ug/l	10	10	U	ug/l	10	10	U	ug/l	10		
1,3-Dichlorobenzene	-				10	U	ug/l	10	10	U	ug/l	10	10	U	ug/l	10		
1,4-Dichlorobenzene	-				10	U	ug/l	10	10	U	ug/l	10	10	U	ug/l	10		
1,2-Dichlorobenzene	-				10	U	ug/l	10	10	U	ug/l	10	10	U	ug/l	10		
2-Methylphenol	-				10	U	ug/l	10	10	U	ug/l	10	10	U	ug/l	10		
2,2-oxybis(1-Chloropropane)	-				10	U	ug/l	10	10	U	ug/l	10	10	U	ug/l	10		
4-Methylphenol	-				10	U	ug/l	10	10	U	ug/l	10	10	U	ug/l	10		
N-Nitroso-di-n-propylamine	-				10	U	ug/l	10	10	U	ug/l	10	10	U	ug/l	10		
Hexachloroethane	-				10	U	ug/l	10	10	U	ug/l	10	10	U	ug/l	10		
Nitrobenzene	-				10	U	ug/l	10	10	U	ug/l	10	10	U	ug/l	10		
Isophorone	-				10	U	ug/l	10	10	U	ug/l	10	10	U	ug/l	10		
2-Nitrophenol	-				10	U	ug/l	10	10	U	ug/l	10	10	U	ug/l	10		
2,4-Dimethylphenol	-				10	U	ug/l	10	10	U	ug/l	10	10	U	ug/l	10		
bis(2-Chloroethoxy) methane	-				10	U	ug/l	10	10	U	ug/l	10	10	U	ug/l	10		
2,4-Dichlorophenol	-				10	U	ug/l	10	10	U	ug/l	10	10	U	ug/l	10		
1,2,4-Trichlorobenzene	-				10	U	ug/l	10	10	U	ug/l	10	10	U	ug/l	10		
Naphthalene	-				10	U	ug/l	10	10	U	ug/l	10	10	U	ug/l	10		
4-Chloroaniline	-				10	U	ug/l	10	10	U	ug/l	10	10	U	ug/l	10		
Hexachlorobutadiene	-				10	U	ug/l	10	10	U	ug/l	10	10	U	ug/l	10		
4-Chloro-3-methylphenol	-				10	U	ug/l	10	10	U	ug/l	10	10	U	ug/l	10		
2-Methylnaphthalene	-				10	U	ug/l	10	10	U	ug/l	10	10	U	ug/l	10		
Hexachlorocyclopentadiene	-				10	U	ug/l	10	10	U	ug/l	10	10	U	ug/l	10		
2,4,6-Trichlorophenol	-				10	U	ug/l	10	10	U	ug/l	10	10	U	ug/l	10		
2,4,5-Trichlorophenol	-				25	U	ug/l	25	25	U	ug/l	25	25	U	ug/l	25		
2-Chloronaphthalene	-				10	U	ug/l	10	10	U	ug/l	10	10	U	ug/l	10		
2-Nitroaniline	-				25	U	ug/l	25	25	U	ug/l	25	25	U	ug/l	25		
Dimethylphthalate	-				10	U	ug/l	10	10	U	ug/l	10	10	U	ug/l	10		
Acenaphthylene	-				10	U	ug/l	10	10	U	ug/l	10	10	U	ug/l	10		
2,6-Dinitrotoluene	-				10	U	ug/l	10	10	U	ug/l	10	10	U	ug/l	10		
3-Nitroaniline	-				25	UJ	ug/l	25	25	UJ	ug/l	25	25	U	ug/l	25		
Acenaphthene	-				10	U	ug/l	10	10	U	ug/l	10	10	U	ug/l	10		
2,4-Dinitrophenol	-				25	UJ	ug/l	25	25	UJ	ug/l	25	25	U	ug/l	25		
4-Nitrophenol	-				25	UJ	ug/l	25	25	UJ	ug/l	25	25	U	ug/l	25		
Dibenzofuran	-				10	U	ug/l	10	10	U	ug/l	10	10	U	ug/l	10		
2,4-Dinitrotoluene	-				10	U	ug/l	10	10	U	ug/l	10	10	U	ug/l	10		
Diethylphthalate	-				10	U	ug/l	10	10	U	ug/l	10	10	U	ug/l	10		
4-Chlorophenyl-phenylether	-				10	U	ug/l	10	10	U	ug/l	10	10	U	ug/l	10		
Fluorene	-				10	U	ug/l	10	10	U	ug/l	10	10	U	ug/l	10		
4-Nitroaniline	-				25	UJ	ug/l	25	25	UJ	ug/l	25	25	U	ug/l	25		
4,6-Dinitro-2-methylphenol	-				25	U	ug/l	25	25	U	ug/l	25	25	U	ug/l	25		
N-Nitrosodiphenylamine (1)	-				10	U	ug/l	10	10	U	ug/l	10	10	U	ug/l	10		
4-Bromophenyl-phenylether	-				10	U	ug/l	10	10	U	ug/l	10	10	U	ug/l	10		
Hexachlorobenzene	-				10	U	ug/l	10	10	U	ug/l	10	10	U	ug/l	10		
Pentachlorophenol	-				25	UJ	ug/l	25	25	UJ	ug/l	25	25	U	ug/l	25		
Phenanthrene	-				10	U	ug/l	10	10	U	ug/l	10	10	U	ug/l	10		
Anthracene	-				10	U	ug/l	10	10	U	ug/l	10	10	U	ug/l	10		
Carbazole	-				10	U	ug/l	10	10	U	ug/l	10	10	U	ug/l	10		
Di-n-butylphthalate	-				8	J	ug/l	10	10		ug/l	10	9	J	ug/l	10		
Fluoranthene	-				10	U	ug/l	10	10	U	ug/l	10	10	U	ug/l	10		
Pyrene	-				10	U	ug/l	10	10	U	ug/l	10	10	U	ug/l	10		
Butylbenzylphthalate	-				10	U	ug/l	10	10	U	ug/l	10	10	U	ug/l	10		

08/16/93 WHITING FIELD ANALYTICAL REPORT 16:28:48
SOIL BORINGS - SEMIVOLATILES - VALIDATED RESULTS

Lab Sample Number:	34906012				34906K12				34925007				34836007					
Site	WHITING				WHITING				WHITING				WHITING					
Locator	3SBFB01				3SBFB01				3SBRB1				3SBRB3					
Collect Date:	18-JAN-93				18-JAN-93				19-JAN-93				09-JAN-93					
	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL		
3,3-Dichlorobenzidine	-				10	U	ug/l	10	10	U	ug/l	10	10	U	ug/l	10		
Benzo (a) anthracene	-				10	U	ug/l	10	10	U	ug/l	10	10	U	ug/l	10		
Chrysene	-				10	U	ug/l	10	10	U	ug/l	10	10	U	ug/l	10		
bis(2-Ethylhexyl) phthalate	-				10	U	ug/l	10	38		ug/l	10	2	J	ug/l	10		
Di-n-octylphthalate	-				10	U	ug/l	10	10	U	ug/l	10	10	U	ug/l	10		
Benzo (b) fluoranthene	-				10	U	ug/l	10	10	U	ug/l	10	10	U	ug/l	10		
Benzo (k) fluoranthene	-				10	U	ug/l	10	10	U	ug/l	10	10	U	ug/l	10		
Benzo (a) pyrene	-				10	U	ug/l	10	10	U	ug/l	10	10	U	ug/l	10		
Indeno (1,2,3-cd) pyrene	-				10	U	ug/l	10	10	U	ug/l	10	10	U	ug/l	10		
Dibenz (a,h) anthracene	-				10	U	ug/l	10	10	U	ug/l	10	10	U	ug/l	10		
Benzo (g,h,i) perylene	-				10	U	ug/l	10	10	U	ug/l	10	10	U	ug/l	10		

08/16/93 WHITING FIELD ANALYTICAL REPORT 16:28:48
SOIL BORINGS - SEMIVOLATILES - VALIDATED RESULTS

Lab Sample Number:	34836007				34836007-1				35015002			
Site	WHITING				WHITING				WHITING			
Locator	3SBRB3				3SBRB3				3SBRB3			
Collect Date:	09-JAN-93				09-JAN-93				27-JAN-93			
	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL
CLP SEMIVOLATILES 90-SOW												
Phenol	-				-				10	U	ug/l	10
bis(2-Chloroethyl) ether	-				-				10	U	ug/l	10
2-Chlorophenol	-				-				10	U	ug/l	10
1,3-Dichlorobenzene	-				-				10	U	ug/l	10
1,4-Dichlorobenzene	-				-				10	U	ug/l	10
1,2-Dichlorobenzene	-				-				10	U	ug/l	10
2-Methylphenol	-				-				10	U	ug/l	10
2,2-oxybis(1-Chloropropane)	-				-				10	UJ	ug/l	10
4-Methylphenol	-				-				10	U	ug/l	10
N-Nitroso-di-n-propylamine	-				-				10	U	ug/l	10
Hexachloroethane	-				-				10	U	ug/l	10
Nitrobenzene	-				-				10	U	ug/l	10
Isophorone	-				-				10	U	ug/l	10
2-Nitrophenol	-				-				10	U	ug/l	10
2,4-Dimethylphenol	-				-				10	U	ug/l	10
bis(2-Chloroethoxy) methane	-				-				10	U	ug/l	10
2,4-Dichlorophenol	-				-				10	U	ug/l	10
1,2,4-Trichlorobenzene	-				-				10	U	ug/l	10
Naphthalene	-				-				10	U	ug/l	10
4-Chloroaniline	-				-				10	U	ug/l	10
Hexachlorobutadiene	-				-				10	U	ug/l	10
4-Chloro-3-methylphenol	-				-				10	U	ug/l	10
2-Methylnaphthalene	-				-				10	U	ug/l	10
Hexachlorocyclopentadiene	-				-				10	U	ug/l	10
2,4,6-Trichlorophenol	-				-				10	U	ug/l	10
2,4,5-Trichlorophenol	-				-				25	U	ug/l	25
2-Chloronaphthalene	-				-				10	U	ug/l	10
2-Nitroaniline	-				-				25	U	ug/l	25
Dimethylphthalate	-				-				10	U	ug/l	10
Acenaphthylene	-				-				10	U	ug/l	10
2,6-Dinitrotoluene	-				-				10	U	ug/l	10
3-Nitroaniline	-				-				25	U	ug/l	25
Acenaphthene	-				-				10	U	ug/l	10
2,4-Dinitrophenol	-				-				25	U	ug/l	25
4-Nitrophenol	-				-				25	U	ug/l	25
Dibenzofuran	-				-				10	U	ug/l	10
2,4-Dinitrotoluene	-				-				10	U	ug/l	10
Diethylphthalate	-				-				10	U	ug/l	10
4-Chlorophenyl-phenylether	-				-				10	U	ug/l	10
Fluorene	-				-				10	U	ug/l	10
4-Nitroaniline	-				-				25	U	ug/l	25
4,6-Dinitro-2-methylphenol	-				-				25	U	ug/l	25
N-Nitrosodiphenylamine (1)	-				-				10	U	ug/l	10
4-Bromophenyl-phenylether	-				-				10	U	ug/l	10
Hexachlorobenzene	-				-				10	U	ug/l	10
Pentachlorophenol	-				-				25	U	ug/l	25
Phenanthrene	-				-				10	U	ug/l	10
Anthracene	-				-				10	U	ug/l	10
Carbazole	-				-				10	U	ug/l	10
Di-n-butylphthalate	-				-				6	J	ug/l	10
Fluoranthene	-				-				10	U	ug/l	10
Pyrene	-				-				10	U	ug/l	10

08/16/93 WHITING FIELD ANALYTICAL REPORT 16:28:48
SOIL BORINGS - SEMIVOLATILES - VALIDATED RESULTS

Lab Sample Number:	34836007				34836007-1				35015002			
Site	WHITING				WHITING				WHITING			
Locator	3SBRB3				3SBRB3				3SBRB3			
Collect Date:	09-JAN-93				09-JAN-93				27-JAN-93			
	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL
Butylbenzylphthalate	-				-				10	UJ	ug/l	10
3,3-Dichlorobenzidine	-				-				10	U	ug/l	10
Benzo (a) anthracene	-				-				10	U	ug/l	10
Chrysene	-				-				10	U	ug/l	10
bis(2-Ethylhexyl) phthalate	-				-				10	UJ	ug/l	10
Di-n-octylphthalate	-				-				10	UJ	ug/l	10
Benzo (b) fluoranthene	-				-				10	U	ug/l	10
Benzo (k) fluoranthene	-				-				10	U	ug/l	10
Benzo (a) pyrene	-				-				10	U	ug/l	10
Indeno (1,2,3-cd) pyrene	-				-				10	U	ug/l	10
Dibenz (a,h) anthracene	-				-				10	U	ug/l	10
Benzo (g,h,i) perylene	-				-				10	U	ug/l	10

08/04/94 WHITING FIELD - SITE 3 - CLP PESTICIDES AND PCBS 14:03:20
SOIL BORINGS

Lab Sample Number:	34938001				34938002				34938003			
Site	WHITING				WHITING				WHITING			
Locator	3SB1-0-2				3SB1-5-7				3SB1-15-17			
Collect Date:	20-JAN-93				20-JAN-93				20-JAN-93			
	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL
CLP PESTICIDES/PCBS 90-SOW												
alpha-BHC	4.8	U	ug/kg	4.8	4.9	U	ug/kg	4.9	2	U	ug/kg	2
beta-BHC	4.8	U	ug/kg	4.8	4.9	U	ug/kg	4.9	2	U	ug/kg	2
delta-BHC	4.8	U	ug/kg	4.8	4.9	U	ug/kg	4.9	2	U	ug/kg	2
gamma-BHC (Lindane)	4.8	U	ug/kg	4.8	4.9	U	ug/kg	4.9	2	U	ug/kg	2
Heptachlor	4.8	U	ug/kg	4.8	4.9	U	ug/kg	4.9	2	U	ug/kg	2
Aldrin	4.8	U	ug/kg	4.8	4.9	U	ug/kg	4.9	2	U	ug/kg	2
Heptachlor epoxide	26		ug/kg	4.8	4.9	U	ug/kg	4.9	2	U	ug/kg	2
Endosulfan I	4.8	U	ug/kg	4.8	4.9	U	ug/kg	4.9	2	U	ug/kg	2
Dieldrin	9.8		ug/kg	9.3	26		ug/kg	9.6	3.9	U	ug/kg	3.9
4,4-DDE	2.9	J	ug/kg	9.3	9.6	U	ug/kg	9.6	3.9	U	ug/kg	3.9
Endrin	9.3	U	ug/kg	9.3	9.6	U	ug/kg	9.6	3.9	U	ug/kg	3.9
Endosulfan II	9.3	U	ug/kg	9.3	9.6	U	ug/kg	9.6	3.9	U	ug/kg	3.9
4,4-DDD	9.3	U	ug/kg	9.3	9.6	U	ug/kg	9.6	3.9	U	ug/kg	3.9
Endosulfan sulfate	9.3	U	ug/kg	9.3	9.6	U	ug/kg	9.6	3.9	U	ug/kg	3.9
4,4-DDT	9.3	U	ug/kg	9.3	9.6	U	ug/kg	9.6	3.9	U	ug/kg	3.9
Methoxychlor	48	U	ug/kg	48	49	U	ug/kg	49	20	U	ug/kg	20
Endrin ketone	9.3	U	ug/kg	9.3	9.6	U	ug/kg	9.6	3.9	U	ug/kg	3.9
Endrin aldehyde	9.3	U	ug/kg	9.3	9.6	U	ug/kg	9.6	3.9	U	ug/kg	3.9
alpha-Chlordane	10		ug/kg	4.8	4.9	U	ug/kg	4.9	2	U	ug/kg	2
gamma-Chlordane	17		ug/kg	4.8	4.9	U	ug/kg	4.9	2	U	ug/kg	2
Toxaphene	480	U	ug/kg	480	490	U	ug/kg	490	200	U	ug/kg	200
Aroclor-1016	93	U	ug/kg	93	96	U	ug/kg	96	39	U	ug/kg	39
Aroclor-1221	190	U	ug/kg	190	190	U	ug/kg	190	79	U	ug/kg	79
Aroclor-1232	93	U	ug/kg	93	96	U	ug/kg	96	39	U	ug/kg	39
Aroclor-1242	93	U	ug/kg	93	96	U	ug/kg	96	39	U	ug/kg	39
Aroclor-1248	93	U	ug/kg	93	96	U	ug/kg	96	39	U	ug/kg	39
Aroclor-1254	93	U	ug/kg	93	96	U	ug/kg	96	39	U	ug/kg	39
Aroclor-1260	93	U	ug/kg	93	96	U	ug/kg	96	39	U	ug/kg	39

08/16/93 WHITING FIELD ANALYTICAL REPORT 16:48:21
SOIL BORINGS - PESTICIDES/PCBS - VALIDATED RESULTS

	34939001				34939002				34939001MS				34939001MS			
Lab Sample Number:																
Site	WHITING				WHITING				WHITING				WHITING			
Locator	3SB1-25-27				3SB1-25-27A				3SB1-25-27MS				3SB1-25-27MS			
Collect Date:	20-JAN-93				20-JAN-93				20-JAN-93				20-JAN-93			
	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL
CLP PESTICIDES/PCBS 90-SOW																
alpha-BHC	1.8	U	ug/kg	1.8	1.8	U	ug/kg	1.8	1.8	U	ug/kg	1.8	-			
beta-BHC	1.8	U	ug/kg	1.8	1.8	U	ug/kg	1.8	1.8	U	ug/kg	1.8	-			
delta-BHC	1.8	U	ug/kg	1.8	1.8	U	ug/kg	1.8	1.8	U	ug/kg	1.8	-			
gamma-BHC (Lindane)	1.8	U	ug/kg	1.8	1.8	U	ug/kg	1.8	14		ug/kg	1.8	-			
Heptachlor	1.8	U	ug/kg	1.8	1.8	U	ug/kg	1.8	15		ug/kg	1.8	-			
Aldrin	1.8	U	ug/kg	1.8	1.8	U	ug/kg	1.8	15		ug/kg	1.8	-			
Heptachlor epoxide	1.8	U	ug/kg	1.8	1.8	U	ug/kg	1.8	1.8	U	ug/kg	1.8	-			
Endosulfan I	1.8	U	ug/kg	1.8	1.8	U	ug/kg	1.8	1.8	U	ug/kg	1.8	-			
Dieldrin	3.5	U	ug/kg	3.5	.98	J	ug/kg	3.5	33		ug/kg	3.5	-			
4,4-DDE	3.5	U	ug/kg	3.5	3.5	U	ug/kg	3.5	3.5	U	ug/kg	3.5	-			
Endrin	3.5	U	ug/kg	3.5	3.5	U	ug/kg	3.5	32		ug/kg	3.5	-			
Endosulfan II	3.5	U	ug/kg	3.5	3.5	U	ug/kg	3.5	3.5	U	ug/kg	3.5	-			
4,4-DDD	3.5	U	ug/kg	3.5	3.5	U	ug/kg	3.5	3.5	U	ug/kg	3.5	-			
Endosulfan sulfate	3.5	U	ug/kg	3.5	3.5	U	ug/kg	3.5	3.5	U	ug/kg	3.5	-			
4,4-DDT	3.5	U	ug/kg	3.5	3.5	U	ug/kg	3.5	35		ug/kg	3.5	-			
Methoxychlor	18	U	ug/kg	18	18	U	ug/kg	18	18	U	ug/kg	18	-			
Endrin ketone	3.5	U	ug/kg	3.5	3.5	U	ug/kg	3.5	3.5	U	ug/kg	3.5	-			
Endrin aldehyde	3.5	U	ug/kg	3.5	3.5	U	ug/kg	3.5	3.5	U	ug/kg	3.5	-			
alpha-Chlordane	1.8	U	ug/kg	1.8	1.8	U	ug/kg	1.8	1.8	U	ug/kg	1.8	-			
gamma-Chlordane	1.8	U	ug/kg	1.8	1.8	U	ug/kg	1.8	1.8	U	ug/kg	1.8	-			
Toxaphene	180	U	ug/kg	180	180	U	ug/kg	180	180	U	ug/kg	180	-			
Aroclor-1016	35	U	ug/kg	35	35	U	ug/kg	35	35	U	ug/kg	35	-			
Aroclor-1221	71	U	ug/kg	71	71	U	ug/kg	71	71	U	ug/kg	71	-			
Aroclor-1232	35	U	ug/kg	35	35	U	ug/kg	35	35	U	ug/kg	35	-			
Aroclor-1242	35	U	ug/kg	35	35	U	ug/kg	35	35	U	ug/kg	35	-			
Aroclor-1248	35	U	ug/kg	35	35	U	ug/kg	35	35	U	ug/kg	35	-			
Aroclor-1254	35	U	ug/kg	35	35	U	ug/kg	35	35	U	ug/kg	35	-			
Aroclor-1260	35	U	ug/kg	35	35	U	ug/kg	35	35	U	ug/kg	35	-			

08/16/93 WHITING FIELD ANALYTICAL REPORT 16:48:21
SOIL BORINGS - PESTICIDES/PCBS - VALIDATED RESULTS

Lab Sample Number:	34939001MS
Site	WHITING
Locator	3SB1-25-27MSD
Collect Date:	20-JAN-93

	VALUE	QUAL	UNITS	DL
CLP PESTICIDES/PCBS 90-SOW				
alpha-BHC	1.8	U	ug/kg	1.8
beta-BHC	1.8	U	ug/kg	1.8
delta-BHC	1.8	U	ug/kg	1.8
gamma-BHC (Lindane)	16		ug/kg	1.8
Heptachlor	15		ug/kg	1.8
Aldrin	16		ug/kg	1.8
Heptachlor epoxide	1.8	U	ug/kg	1.8
Endosulfan I	1.8	U	ug/kg	1.8
Dieldrin	34		ug/kg	3.5
4,4-DDE	3.5	U	ug/kg	3.5
Endrin	33		ug/kg	3.5
Endosulfan II	3.5	U	ug/kg	3.5
4,4-DDD	3.5	U	ug/kg	3.5
Endosulfan sulfate	3.5	U	ug/kg	3.5
4,4-DDT	35		ug/kg	3.5
Methoxychlor	18	U	ug/kg	18
Endrin ketone	3.5	U	ug/kg	3.5
Endrin aldehyde	3.5	U	ug/kg	3.5
alpha-Chlordane	1.8	U	ug/kg	1.8
gamma-Chlordane	1.8	U	ug/kg	1.8
Toxaphene	180	U	ug/kg	180
Aroclor-1016	35	U	ug/kg	35
Aroclor-1221	71	U	ug/kg	71
Aroclor-1232	35	U	ug/kg	35
Aroclor-1242	35	U	ug/kg	35
Aroclor-1248	35	U	ug/kg	35
Aroclor-1254	35	U	ug/kg	35
Aroclor-1260	35	U	ug/kg	35

08/16/93 WHITING FIELD ANALYTICAL REPORT 16:49:47
SOIL BORINGS - PESTICIDES/PCBS - VALIDATED RESULTS

Lab Sample Number:	34836001			34836001			34836002			34836002		
Site	WHITING			WHITING			WHITING			WHITING		
Locator	3SB2-1-2			3SB2-1-2			3SB2-5-7			3SB2-5-7		
Collect Date:	09-JAN-93			09-JAN-93			09-JAN-93			09-JAN-93		
	VALUE	QUAL	UNITS DL	VALUE	QUAL	UNITS DL	VALUE	QUAL	UNITS DL	VALUE	QUAL	UNITS DL
CLP PESTICIDES/PCBS 90-SOW												
alpha-BHC	-			1.9	UJ	ug/kg 1.9	-			1.9	UJ	ug/kg 1.9
beta-BHC	-			1.9	UJ	ug/kg 1.9	-			1.9	UJ	ug/kg 1.9
delta-BHC	-			1.9	UJ	ug/kg 1.9	-			1.9	UJ	ug/kg 1.9
gamma-BHC (Lindane)	-			1.9	UJ	ug/kg 1.9	-			1.9	UJ	ug/kg 1.9
Heptachlor	-			1.9	UJ	ug/kg 1.9	-			1.9	UJ	ug/kg 1.9
Aldrin	-			1.9	UJ	ug/kg 1.9	-			1.9	UJ	ug/kg 1.9
Heptachlor epoxide	-			1.9	UJ	ug/kg 1.9	-			1.9	UJ	ug/kg 1.9
Endosulfan I	-			1.9	UJ	ug/kg 1.9	-			1.9	UJ	ug/kg 1.9
Dieldrin	-			.9	J	ug/kg 3.6	-			3.7	UJ	ug/kg 3.7
4,4-DDE	-			.5	J	ug/kg 3.6	-			3.7	UJ	ug/kg 3.7
Endrin	-			3.6	UJ	ug/kg 3.6	-			3.7	UJ	ug/kg 3.7
Endosulfan II	-			3.6	UJ	ug/kg 3.6	-			3.7	UJ	ug/kg 3.7
4,4-DDD	-			3.6	UJ	ug/kg 3.6	-			3.7	UJ	ug/kg 3.7
Endosulfan sulfate	-			3.6	UJ	ug/kg 3.6	-			3.7	UJ	ug/kg 3.7
4,4-DDT	-			.9	J	ug/kg 3.6	-			3.7	UJ	ug/kg 3.7
Methoxychlor	-			19	UJ	ug/kg 19	-			19	UJ	ug/kg 19
Endrin ketone	-			3.6	UJ	ug/kg 3.6	-			3.7	UJ	ug/kg 3.7
Endrin aldehyde	-			3.6	UJ	ug/kg 3.6	-			3.7	UJ	ug/kg 3.7
alpha-Chlordane	-			1.9	UJ	ug/kg 1.9	-			1.9	UJ	ug/kg 1.9
gamma-Chlordane	-			1.9	UJ	ug/kg 1.9	-			1.9	UJ	ug/kg 1.9
Toxaphene	-			190	UJ	ug/kg 190	-			190	UJ	ug/kg 190
Aroclor-1016	-			36	UJ	ug/kg 36	-			37	UJ	ug/kg 37
Aroclor-1221	-			74	UJ	ug/kg 74	-			76	UJ	ug/kg 76
Aroclor-1232	-			36	UJ	ug/kg 36	-			37	UJ	ug/kg 37
Aroclor-1242	-			36	UJ	ug/kg 36	-			37	UJ	ug/kg 37
Aroclor-1248	-			36	UJ	ug/kg 36	-			37	UJ	ug/kg 37
Aroclor-1254	-			36	UJ	ug/kg 36	-			37	UJ	ug/kg 37
Aroclor-1260	-			36	UJ	ug/kg 36	-			37	UJ	ug/kg 37

08/16/93 WHITING FIELD ANALYTICAL REPORT 16:49:47
SOIL BORINGS - PESTICIDES/PCBS - VALIDATED RESULTS

Lab Sample Number:	34836003			34836003			34836004			34836004		
Site	WHITING			WHITING			WHITING			WHITING		
Locator	3SB2-10-12			3SB2-10-12			3SB2-10-12A			3SB2-10-12A		
Collect Date:	09-JAN-93			09-JAN-93			09-JAN-93			09-JAN-93		
	VALUE	QUAL	UNITS DL	VALUE	QUAL	UNITS DL	VALUE	QUAL	UNITS DL	VALUE	QUAL	UNITS DL
CLP PESTICIDES/PCBS 90-SOW												
alpha-BHC	-			1.8	UJ	ug/kg 1.8	-			1.8	UJ	ug/kg 1.8
beta-BHC	-			1.8	UJ	ug/kg 1.8	-			1.8	UJ	ug/kg 1.8
delta-BHC	-			1.8	UJ	ug/kg 1.8	-			1.8	UJ	ug/kg 1.8
gamma-BHC (Lindane)	-			1.8	UJ	ug/kg 1.8	-			1.8	UJ	ug/kg 1.8
Heptachlor	-			1.8	UJ	ug/kg 1.8	-			1.8	UJ	ug/kg 1.8
Aldrin	-			1.8	UJ	ug/kg 1.8	-			1.8	UJ	ug/kg 1.8
Heptachlor epoxide	-			1.8	UJ	ug/kg 1.8	-			1.8	UJ	ug/kg 1.8
Endosulfan I	-			1.8	UJ	ug/kg 1.8	-			1.8	UJ	ug/kg 1.8
Dieldrin	-			3.6	UJ	ug/kg 3.6	-			3.6	UJ	ug/kg 3.6
4,4-DDE	-			3.6	UJ	ug/kg 3.6	-			3.6	UJ	ug/kg 3.6
Endrin	-			3.6	UJ	ug/kg 3.6	-			3.6	UJ	ug/kg 3.6
Endosulfan II	-			3.6	UJ	ug/kg 3.6	-			3.6	UJ	ug/kg 3.6
4,4-DDD	-			3.6	UJ	ug/kg 3.6	-			3.6	UJ	ug/kg 3.6
Endosulfan sulfate	-			3.6	UJ	ug/kg 3.6	-			3.6	UJ	ug/kg 3.6
4,4-DDT	-			3.6	UJ	ug/kg 3.6	-			3.6	UJ	ug/kg 3.6
Methoxychlor	-			18	UJ	ug/kg 18	-			18	UJ	ug/kg 18
Endrin ketone	-			3.6	UJ	ug/kg 3.6	-			3.6	UJ	ug/kg 3.6
Endrin aldehyde	-			3.6	UJ	ug/kg 3.6	-			3.6	UJ	ug/kg 3.6
alpha-Chlordane	-			1.8	UJ	ug/kg 1.8	-			1.8	UJ	ug/kg 1.8
gamma-Chlordane	-			1.8	UJ	ug/kg 1.8	-			1.8	UJ	ug/kg 1.8
Toxaphene	-			180	UJ	ug/kg 180	-			180	UJ	ug/kg 180
Aroclor-1016	-			36	UJ	ug/kg 36	-			36	UJ	ug/kg 36
Aroclor-1221	-			73	UJ	ug/kg 73	-			73	UJ	ug/kg 73
Aroclor-1232	-			36	UJ	ug/kg 36	-			36	UJ	ug/kg 36
Aroclor-1242	-			36	UJ	ug/kg 36	-			36	UJ	ug/kg 36
Aroclor-1248	-			36	UJ	ug/kg 36	-			36	UJ	ug/kg 36
Aroclor-1254	-			36	UJ	ug/kg 36	-			36	UJ	ug/kg 36
Aroclor-1260	-			36	UJ	ug/kg 36	-			36	UJ	ug/kg 36

08/16/93 WHITING FIELD ANALYTICAL REPORT 16:50:53
SOIL BORINGS - PESTICIDES/PCBS - VALIDATED RESULTS

Lab Sample Number:	34848004				34848004				34848003				34848003			
Site	WHITING				WHITING				WHITING				WHITING			
Locator	3SB3-0-2				3SB3-0-2				3SB3-5-7				3SB3-5-7			
Collect Date:	12-JAN-93				12-JAN-93				12-JAN-93				12-JAN-93			
	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL
CLP PESTICIDES/PCBS 90-SOW																
alpha-BHC		-			1.9	U	ug/kg	1.9		-			2	UJ	ug/kg	2
beta-BHC		-			1.9	U	ug/kg	1.9		-			2	UJ	ug/kg	2
delta-BHC		-			1.9	U	ug/kg	1.9		-			2	UJ	ug/kg	2
gamma-BHC (Lindane)		-			1.9	U	ug/kg	1.9		-			2	UJ	ug/kg	2
Heptachlor		-			1.9	U	ug/kg	1.9		-			2	UJ	ug/kg	2
Aldrin		-			1.9	U	ug/kg	1.9		-			2	UJ	ug/kg	2
Heptachlor epoxide		-			1.9	U	ug/kg	1.9		-			2	UJ	ug/kg	2
Endosulfan I		-			1.9	U	ug/kg	1.9		-			2	UJ	ug/kg	2
Dieldrin		-			44		ug/kg	4		-			3.8	UJ	ug/kg	3.8
4,4-DDE		-			3.4	J	ug/kg	4		-			3.8	UJ	ug/kg	3.8
Endrin		-			3.7	U	ug/kg	3.7		-			3.8	UJ	ug/kg	3.8
Endosulfan II		-			3.7	U	ug/kg	3.7		-			3.8	UJ	ug/kg	3.8
4,4-DDD		-			4.2		ug/kg	4		-			3.8	UJ	ug/kg	3.8
Endosulfan sulfate		-			3.7	U	ug/kg	3.7		-			3.8	UJ	ug/kg	3.8
4,4-DDT		-			3.7	U	ug/kg	3.7		-			3.8	UJ	ug/kg	3.8
Methoxychlor		-			19	U	ug/kg	19		-			20	UJ	ug/kg	20
Endrin ketone		-			3.7	U	ug/kg	3.7		-			3.8	UJ	ug/kg	3.8
Endrin aldehyde		-			3.7	U	ug/kg	3.7		-			3.8	UJ	ug/kg	3.8
alpha-Chlordane		-			1.9	U	ug/kg	1.9		-			2	UJ	ug/kg	2
gamma-Chlordane		-			1.9	U	ug/kg	1.9		-			2	UJ	ug/kg	2
Toxaphene		-			190	U	ug/kg	190		-			200	UJ	ug/kg	200
Aroclor-1016		-			37	U	ug/kg	37		-			38	UJ	ug/kg	38
Aroclor-1221		-			74	U	ug/kg	74		-			77	UJ	ug/kg	77
Aroclor-1232		-			37	U	ug/kg	37		-			38	UJ	ug/kg	38
Aroclor-1242		-			37	U	ug/kg	37		-			38	UJ	ug/kg	38
Aroclor-1248		-			37	U	ug/kg	37		-			38	UJ	ug/kg	38
Aroclor-1254		-			37	U	ug/kg	37		-			38	UJ	ug/kg	38
Aroclor-1260		-			37	U	ug/kg	37		-			38	UJ	ug/kg	38

08/16/93 WHITING FIELD ANALYTICAL REPORT 16:50:53
SOIL BORINGS - PESTICIDES/PCBS - VALIDATED RESULTS

Lab Sample Number:	34848002				34848002			
Site	WHITING				WHITING			
Locator	3SB3-10-12				3SB3-10-12			
Collect Date:	12-JAN-93				12-JAN-93			
	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL
CLP PESTICIDES/PCBS 90-SOW								
alpha-BHC		-			1.9	U	ug/kg	1.9
beta-BHC		-			1.9	U	ug/kg	1.9
delta-BHC		-			1.9	U	ug/kg	1.9
gamma-BHC (Lindane)		-			1.9	U	ug/kg	1.9
Heptachlor		-			1.9	U	ug/kg	1.9
Aldrin		-			1.9	U	ug/kg	1.9
Heptachlor epoxide		-			1.9	U	ug/kg	1.9
Endosulfan I		-			1.9	U	ug/kg	1.9
Dieldrin		-			3.7	U	ug/kg	3.7
4,4-DDE		-			3.7	U	ug/kg	3.7
Endrin		-			3.7	U	ug/kg	3.7
Endosulfan II		-			3.7	U	ug/kg	3.7
4,4-DDD		-			3.7	U	ug/kg	3.7
Endosulfan sulfate		-			3.7	U	ug/kg	3.7
4,4-DDT		-			3.7	U	ug/kg	3.7
Methoxychlor		-			19	U	ug/kg	19
Endrin ketone		-			3.7	U	ug/kg	3.7
Endrin aldehyde		-			3.7	U	ug/kg	3.7
alpha-Chlordane		-			1.9	U	ug/kg	1.9
gamma-Chlordane		-			1.9	U	ug/kg	1.9
Toxaphene		-			190	U	ug/kg	190
Aroclor-1016		-			37	U	ug/kg	37
Aroclor-1221		-			75	U	ug/kg	75
Aroclor-1232		-			37	U	ug/kg	37
Aroclor-1242		-			37	U	ug/kg	37
Aroclor-1248		-			37	U	ug/kg	37
Aroclor-1254		-			37	U	ug/kg	37
Aroclor-1260		-			37	U	ug/kg	37

08/16/93 WHITING FIELD ANALYTICAL REPORT 16:51:58
SOIL BORINGS - PESTICIDES/PCBS - VALIDATED RESULTS

Lab Sample Number:	34848007			34848007			34848006			74848006				
Site	WHITING			WHITING			WHITING			WHITING				
Locator	3SB4-0-2			3SB4-0-2			3SB4-5-7			3SB4-5-7				
Collect Date:	12-JAN-93			12-JAN-93			12-JAN-93			12-JAN-93				
	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL
CLP PESTICIDES/PCBS 90-SOW																
alpha-BHC	-				1.8	UJ	ug/kg	1.8	-				-			
beta-BHC	-				1.8	UJ	ug/kg	1.8	-				-			
delta-BHC	-				1.8	UJ	ug/kg	1.8	-				-			
gamma-BHC (Lindane)	-				1.8	UJ	ug/kg	1.8	-				-			
Heptachlor	-				1.8	UJ	ug/kg	1.8	-				-			
Aldrin	-				1.8	UJ	ug/kg	1.8	-				-			
Heptachlor epoxide	-				1.8	UJ	ug/kg	1.8	-				-			
Endosulfan I	-				1.8	UJ	ug/kg	1.8	-				-			
Dieldrin	-				3.5	UJ	ug/kg	3.5	-				-			
4,4-DDE	-				3.5	UJ	ug/kg	3.5	-				-			
Endrin	-				3.5	UJ	ug/kg	3.5	-				-			
Endosulfan II	-				3.5	UJ	ug/kg	3.5	-				-			
4,4-DDD	-				3.5	UJ	ug/kg	3.5	-				-			
Endosulfan sulfate	-				3.5	UJ	ug/kg	3.5	-				-			
4,4-DDT	-				3.5	UJ	ug/kg	3.5	-				-			
Methoxychlor	-				18	UJ	ug/kg	18	-				-			
Endrin ketone	-				3.5	UJ	ug/kg	3.5	-				-			
Endrin aldehyde	-				3.5	UJ	ug/kg	3.5	-				-			
alpha-Chlordane	-				1.8	UJ	ug/kg	1.8	-				-			
gamma-Chlordane	-				1.8	UJ	ug/kg	1.8	-				-			
Toxaphene	-				180	UJ	ug/kg	180	-				-			
Aroclor-1016	-				35	UJ	ug/kg	35	-				-			
Aroclor-1221	-				72	UJ	ug/kg	72	-				-			
Aroclor-1232	-				35	UJ	ug/kg	35	-				-			
Aroclor-1242	-				35	UJ	ug/kg	35	-				-			
Aroclor-1248	-				35	UJ	ug/kg	35	-				-			
Aroclor-1254	-				35	UJ	ug/kg	35	-				-			
Aroclor-1260	-				35	UJ	ug/kg	35	-				-			

08/16/93 WHITING FIELD ANALYTICAL REPORT 16:51:58
SOIL BORINGS - PESTICIDES/PCBS - VALIDATED RESULTS

Lab Sample Number:	34848006				34848005				34848005		
Site	WHITING				WHITING				WHITING		
Locator	3SB4-5-7				3SB4-10-12				3SB4-10-12		
Collect Date:	12-JAN-93				12-JAN-93				12-JAN-93		
	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL
CLP PESTICIDES/PCBS 90-SOW												
alpha-BHC	2	U	ug/kg	2	-				1.9	U	ug/kg	1.9
beta-BHC	2	U	ug/kg	2	-				1.9	U	ug/kg	1.9
delta-BHC	2	U	ug/kg	2	-				1.9	U	ug/kg	1.9
gamma-BHC (Lindane)	2	U	ug/kg	2	-				1.9	U	ug/kg	1.9
Heptachlor	2	U	ug/kg	2	-				1.9	U	ug/kg	1.9
Aldrin	2	U	ug/kg	2	-				1.9	U	ug/kg	1.9
Heptachlor epoxide	2	U	ug/kg	2	-				1.9	U	ug/kg	1.9
Endosulfan I	2	U	ug/kg	2	-				1.9	U	ug/kg	1.9
Dieldrin	3.8	U	ug/kg	3.8	-				3.7	U	ug/kg	3.7
4,4-DDE	3.8	U	ug/kg	3.8	-				3.7	U	ug/kg	3.7
Endrin	3.8	U	ug/kg	3.8	-				3.7	U	ug/kg	3.7
Endosulfan II	3.8	U	ug/kg	3.8	-				3.7	U	ug/kg	3.7
4,4-DDD	3.8	U	ug/kg	3.8	-				3.7	U	ug/kg	3.7
Endosulfan sulfate	3.8	U	ug/kg	3.8	-				3.7	U	ug/kg	3.7
4,4-DDT	3.8	U	ug/kg	3.8	-				3.7	U	ug/kg	3.7
Methoxychlor	20	U	ug/kg	20	-				19	U	ug/kg	19
Endrin ketone	3.8	U	ug/kg	3.8	-				3.7	U	ug/kg	3.7
Endrin aldehyde	3.8	U	ug/kg	3.8	-				3.7	U	ug/kg	3.7
alpha-Chlordane	2	U	ug/kg	2	-				1.9	U	ug/kg	1.9
gamma-Chlordane	2	U	ug/kg	2	-				1.9	U	ug/kg	1.9
Toxaphene	200	U	ug/kg	200	-				190	U	ug/kg	190
Aroclor-1016	38	U	ug/kg	38	-				37	U	ug/kg	37
Aroclor-1221	77	U	ug/kg	77	-				76	U	ug/kg	76
Aroclor-1232	38	U	ug/kg	38	-				37	U	ug/kg	37
Aroclor-1242	38	U	ug/kg	38	-				37	U	ug/kg	37
Aroclor-1248	38	U	ug/kg	38	-				37	U	ug/kg	37
Aroclor-1254	38	U	ug/kg	38	-				37	U	ug/kg	37
Aroclor-1260	38	U	ug/kg	38	-				37	U	ug/kg	37

08/16/93 WHITING FIELD ANALYTICAL REPORT 16:52:58
SOIL BORINGS - PESTICIDES/PCBS - VALIDATED RESULTS

Lab Sample Number:	34833008				34833009				34833010			
Site	WHITING				WHITING				WHITING			
Locator	3SB5-1-2				3SB5-5-7				3SB5-10-12			
Collect Date:	08-JAN-93				08-JAN-93				08-JAN-93			
	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL
CLP PESTICIDES/PCBS 90-SOW												
alpha-BHC	1.8	UJ	ug/kg	1.8	1.9	UJ	ug/kg	1.9	2	UJ	ug/kg	2
beta-BHC	1.8	UJ	ug/kg	1.8	1.9	UJ	ug/kg	1.9	2	UJ	ug/kg	2
delta-BHC	1.8	UJ	ug/kg	1.8	1.9	UJ	ug/kg	1.9	2	UJ	ug/kg	2
gamma-BHC (Lindane)	1.8	UJ	ug/kg	1.8	1.9	UJ	ug/kg	1.9	2	UJ	ug/kg	2
Heptachlor	1.8	UJ	ug/kg	1.8	1.9	UJ	ug/kg	1.9	2	UJ	ug/kg	2
Aldrin	1.8	UJ	ug/kg	1.8	1.9	UJ	ug/kg	1.9	2	UJ	ug/kg	2
Heptachlor epoxide	1.8	UJ	ug/kg	1.8	1.9	UJ	ug/kg	1.9	2	UJ	ug/kg	2
Endosulfan I	1.8	UJ	ug/kg	1.8	1.9	UJ	ug/kg	1.9	2	UJ	ug/kg	2
Dieldrin	3.6	UJ	ug/kg	3.6	3.7	UJ	ug/kg	3.7	3.8	UJ	ug/kg	3.8
4,4-DDE	3.6	UJ	ug/kg	3.6	3.7	UJ	ug/kg	3.7	3.8	UJ	ug/kg	3.8
Endrin	3.6	UJ	ug/kg	3.6	3.7	UJ	ug/kg	3.7	3.8	UJ	ug/kg	3.8
Endosulfan II	3.6	UJ	ug/kg	3.6	3.7	UJ	ug/kg	3.7	3.8	UJ	ug/kg	3.8
4,4-DDD	3.6	UJ	ug/kg	3.6	3.7	UJ	ug/kg	3.7	3.8	UJ	ug/kg	3.8
Endosulfan sulfate	3.6	UJ	ug/kg	3.6	3.7	UJ	ug/kg	3.7	3.8	UJ	ug/kg	3.8
4,4-DDT	3.6	UJ	ug/kg	3.6	3.7	UJ	ug/kg	3.7	3.8	UJ	ug/kg	3.8
Methoxychlor	18	UJ	ug/kg	18	19	UJ	ug/kg	19	20	UJ	ug/kg	20
Endrin ketone	3.6	UJ	ug/kg	3.6	3.7	UJ	ug/kg	3.7	3.8	UJ	ug/kg	3.8
Endrin aldehyde	3.6	UJ	ug/kg	3.6	3.7	UJ	ug/kg	3.7	3.8	UJ	ug/kg	3.8
alpha-Chlordane	1.8	UJ	ug/kg	1.8	1.9	UJ	ug/kg	1.9	2	UJ	ug/kg	2
gamma-Chlordane	1.8	UJ	ug/kg	1.8	1.9	UJ	ug/kg	1.9	2	UJ	ug/kg	2
Toxaphene	180	UJ	ug/kg	180	190	UJ	ug/kg	190	200	UJ	ug/kg	200
Aroclor-1016	36	UJ	ug/kg	36	37	UJ	ug/kg	37	38	UJ	ug/kg	38
Aroclor-1221	73	UJ	ug/kg	73	74	UJ	ug/kg	74	78	UJ	ug/kg	78
Aroclor-1232	36	UJ	ug/kg	36	37	UJ	ug/kg	37	38	UJ	ug/kg	38
Aroclor-1242	36	UJ	ug/kg	36	37	UJ	ug/kg	37	38	UJ	ug/kg	38
Aroclor-1248	36	UJ	ug/kg	36	37	UJ	ug/kg	37	38	UJ	ug/kg	38
Aroclor-1254	36	UJ	ug/kg	36	37	UJ	ug/kg	37	38	UJ	ug/kg	38
Aroclor-1260	36	UJ	ug/kg	36	37	UJ	ug/kg	37	38	UJ	ug/kg	38

08/16/93 WHITING FIELD ANALYTICAL REPORT 16:53:34
SOIL BORINGS - PESTICIDES/PCBS - VALIDATED RESULTS

Lab Sample Number:	34906001				34906002				34906003				34906004			
Site	WHITING				WHITING				WHITING				WHITING			
Locator	3SB6-1-2				3SB6-5-7				3SB6-10-12				3SB6-15-17			
Collect Date:	18-JAN-93				18-JAN-93				18-JAN-93				18-JAN-93			
	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL
CLP PESTICIDES/PCBS 90-SOW																
alpha-BHC	1.8	UJ	ug/kg	1.8	1.9	UJ	ug/kg	1.9	2	UJ	ug/kg	2	2	UJ	ug/kg	2
beta-BHC	1.8	UJ	ug/kg	1.8	1.9	UJ	ug/kg	1.9	2	UJ	ug/kg	2	2	UJ	ug/kg	2
delta-BHC	1.8	UJ	ug/kg	1.8	1.9	UJ	ug/kg	1.9	2	UJ	ug/kg	2	2	UJ	ug/kg	2
gamma-BHC (Lindane)	1.8	UJ	ug/kg	1.8	1.9	UJ	ug/kg	1.9	2	UJ	ug/kg	2	2	UJ	ug/kg	2
Heptachlor	1.8	UJ	ug/kg	1.8	1.9	UJ	ug/kg	1.9	2	UJ	ug/kg	2	2	UJ	ug/kg	2
Aldrin	1.8	UJ	ug/kg	1.8	1.9	UJ	ug/kg	1.9	2	UJ	ug/kg	2	2	UJ	ug/kg	2
Heptachlor epoxide	1.8	UJ	ug/kg	1.8	1.9	UJ	ug/kg	1.9	2	UJ	ug/kg	2	2	UJ	ug/kg	2
Endosulfan I	1.8	UJ	ug/kg	1.8	1.9	UJ	ug/kg	1.9	2	UJ	ug/kg	2	2	UJ	ug/kg	2
Dieldrin	3.5	UJ	ug/kg	3.5	3.7	UJ	ug/kg	3.7	3.8	UJ	ug/kg	3.8	3.9	UJ	ug/kg	3.9
4,4-DDE	3.5	UJ	ug/kg	3.5	3.7	UJ	ug/kg	3.7	3.8	UJ	ug/kg	3.8	3.9	UJ	ug/kg	3.9
Endrin	3.5	UJ	ug/kg	3.5	3.7	UJ	ug/kg	3.7	3.8	UJ	ug/kg	3.8	3.9	UJ	ug/kg	3.9
Endosulfan II	3.5	UJ	ug/kg	3.5	3.7	UJ	ug/kg	3.7	3.8	UJ	ug/kg	3.8	3.9	UJ	ug/kg	3.9
4,4-DDD	3.5	UJ	ug/kg	3.5	3.7	UJ	ug/kg	3.7	3.8	UJ	ug/kg	3.8	3.9	UJ	ug/kg	3.9
Endosulfan sulfate	3.5	UJ	ug/kg	3.5	3.7	UJ	ug/kg	3.7	3.8	UJ	ug/kg	3.8	3.9	UJ	ug/kg	3.9
4,4-DDT	2.1	UJ	ug/kg	3.5	3.7	UJ	ug/kg	3.7	3.8	UJ	ug/kg	3.8	3.9	UJ	ug/kg	3.9
Methoxychlor	18	UJ	ug/kg	18	19	UJ	ug/kg	19	20	UJ	ug/kg	20	20	UJ	ug/kg	20
Endrin ketone	3.5	UJ	ug/kg	3.5	3.7	UJ	ug/kg	3.7	3.8	UJ	ug/kg	3.8	3.9	UJ	ug/kg	3.9
Endrin aldehyde	3.5	UJ	ug/kg	3.5	3.7	UJ	ug/kg	3.7	3.8	UJ	ug/kg	3.8	3.9	UJ	ug/kg	3.9
alpha-Chlordane	1.8	UJ	ug/kg	1.8	1.9	UJ	ug/kg	1.9	2	UJ	ug/kg	2	2	UJ	ug/kg	2
gamma-Chlordane	1.8	UJ	ug/kg	1.8	1.9	UJ	ug/kg	1.9	2	UJ	ug/kg	2	2	UJ	ug/kg	2
Toxaphene	180	UJ	ug/kg	180	190	UJ	ug/kg	190	200	UJ	ug/kg	200	200	UJ	ug/kg	200
Aroclor-1016	35	UJ	ug/kg	35	37	UJ	ug/kg	37	38	UJ	ug/kg	38	39	UJ	ug/kg	39
Aroclor-1221	71	UJ	ug/kg	71	76	UJ	ug/kg	76	78	UJ	ug/kg	78	79	UJ	ug/kg	79
Aroclor-1232	35	UJ	ug/kg	35	37	UJ	ug/kg	37	38	UJ	ug/kg	38	39	UJ	ug/kg	39
Aroclor-1242	35	UJ	ug/kg	35	37	UJ	ug/kg	37	38	UJ	ug/kg	38	39	UJ	ug/kg	39
Aroclor-1248	35	UJ	ug/kg	35	37	UJ	ug/kg	37	38	UJ	ug/kg	38	39	UJ	ug/kg	39
Aroclor-1254	35	UJ	ug/kg	35	37	UJ	ug/kg	37	38	UJ	ug/kg	38	39	UJ	ug/kg	39
Aroclor-1260	35	UJ	ug/kg	35	37	UJ	ug/kg	37	38	UJ	ug/kg	38	39	UJ	ug/kg	39

08/16/93 WHITING FIELD ANALYTICAL REPORT 16:53:34
SOIL BORINGS - PESTICIDES/PCBS - VALIDATED RESULTS

Lab Sample Number:	34906005				34909001				34909002				34909001MS			
Site	WHITING				WHITING				WHITING				WHITING			
Locator	3SB6-25-27				3SB6-70-72				3SB6-70-72A				3SB6-70-72MS			
Collect Date:	18-JAN-93				18-JAN-93				18-JAN-93				18-JAN-93			
	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL
CLP PESTICIDES/PCBS 90-SOW																
alpha-BHC	1.8	UJ	ug/kg	1.8	1.9	UJ	ug/kg	1.9	1.9	UJ	ug/kg	1.9	1.9	U	ug/kg	1.9
beta-BHC	1.8	UJ	ug/kg	1.8	1.9	UJ	ug/kg	1.9	1.9	UJ	ug/kg	1.9	1.9	U	ug/kg	1.9
delta-BHC	1.8	UJ	ug/kg	1.8	1.9	UJ	ug/kg	1.9	1.9	UJ	ug/kg	1.9	1.9	U	ug/kg	1.9
gamma-BHC (Lindane)	1.8	UJ	ug/kg	1.8	1.9	UJ	ug/kg	1.9	1.9	UJ	ug/kg	1.9	12		ug/kg	1.9
Heptachlor	1.8	UJ	ug/kg	1.8	1.9	UJ	ug/kg	1.9	1.9	UJ	ug/kg	1.9	13		ug/kg	1.9
Aldrin	1.8	UJ	ug/kg	1.8	1.9	UJ	ug/kg	1.9	1.9	UJ	ug/kg	1.9	13		ug/kg	1.9
Heptachlor epoxide	1.8	UJ	ug/kg	1.8	1.9	UJ	ug/kg	1.9	1.9	UJ	ug/kg	1.9	1.9	U	ug/kg	1.9
Endosulfan I	1.8	UJ	ug/kg	1.8	1.9	UJ	ug/kg	1.9	1.9	UJ	ug/kg	1.9	1.9	U	ug/kg	1.9
Dieldrin	3.5	UJ	ug/kg	3.5	3.6	UJ	ug/kg	3.6	3.6	UJ	ug/kg	3.6	25		ug/kg	3.6
4,4-DDE	3.5	UJ	ug/kg	3.5	3.6	UJ	ug/kg	3.6	3.6	UJ	ug/kg	3.6	3.6	U	ug/kg	3.6
Endrin	3.5	UJ	ug/kg	3.5	3.6	UJ	ug/kg	3.6	3.6	UJ	ug/kg	3.6	27		ug/kg	3.6
Endosulfan II	3.5	UJ	ug/kg	3.5	3.6	UJ	ug/kg	3.6	3.6	UJ	ug/kg	3.6	3.6	U	ug/kg	3.6
4,4-DDD	9.6	J	ug/kg	3.5	3.6	UJ	ug/kg	3.6	3.6	UJ	ug/kg	3.6	3.6	U	ug/kg	3.6
Endosulfan sulfate	3.5	UJ	ug/kg	3.5	3.6	UJ	ug/kg	3.6	3.6	UJ	ug/kg	3.6	3.6	U	ug/kg	3.6
4,4-DDT	3.5	UJ	ug/kg	3.5	3.6	UJ	ug/kg	3.6	3.6	UJ	ug/kg	3.6	26		ug/kg	3.6
Methoxychlor	18	UJ	ug/kg	18	19	UJ	ug/kg	19	19	UJ	ug/kg	19	19	U	ug/kg	19
Endrin ketone	3.5	UJ	ug/kg	3.5	3.6	UJ	ug/kg	3.6	3.6	UJ	ug/kg	3.6	3.6	U	ug/kg	3.6
Endrin aldehyde	3.5	UJ	ug/kg	3.5	3.6	UJ	ug/kg	3.6	3.6	UJ	ug/kg	3.6	3.6	U	ug/kg	3.6
alpha-Chlordane	1.8	UJ	ug/kg	1.8	1.9	UJ	ug/kg	1.9	1.9	UJ	ug/kg	1.9	1.9	U	ug/kg	1.9
gamma-Chlordane	1.8	UJ	ug/kg	1.8	1.9	UJ	ug/kg	1.9	1.9	UJ	ug/kg	1.9	1.9	U	ug/kg	1.9
Toxaphene	180	UJ	ug/kg	180	190	UJ	ug/kg	190	190	UJ	ug/kg	190	190	U	ug/kg	190
Aroclor-1016	35	UJ	ug/kg	35	36	UJ	ug/kg	36	36	UJ	ug/kg	36	36	U	ug/kg	36
Aroclor-1221	72	UJ	ug/kg	72	74	UJ	ug/kg	74	74	UJ	ug/kg	74	74	U	ug/kg	74
Aroclor-1232	35	UJ	ug/kg	35	36	UJ	ug/kg	36	36	UJ	ug/kg	36	36	U	ug/kg	36
Aroclor-1242	35	UJ	ug/kg	35	36	UJ	ug/kg	36	36	UJ	ug/kg	36	36	U	ug/kg	36
Aroclor-1248	35	UJ	ug/kg	35	36	UJ	ug/kg	36	36	UJ	ug/kg	36	36	U	ug/kg	36
Aroclor-1254	35	UJ	ug/kg	35	36	UJ	ug/kg	36	36	UJ	ug/kg	36	36	U	ug/kg	36
Aroclor-1260	35	UJ	ug/kg	35	36	UJ	ug/kg	36	36	UJ	ug/kg	36	36	U	ug/kg	36

08/16/93 WHITING FIELD ANALYTICAL REPORT 16:53:34
SOIL BORINGS - PESTICIDES/PCBS - VALIDATED RESULTS

	Lab Sample Number:	34909001MS			34906010			34906011			34907011		
	Site	WHITING			WHITING			WHITING			WHITING		
	Locator	3SB6-70-72MSD			3SB6-100-102			3SB6-100-102A			3SB6-100-102A		
	Collect Date:	18-JAN-93			18-JAN-93			18-JAN-93			18-JAN-93		
		VALUE	QUAL UNITS	DL	VALUE	QUAL UNITS	DL	VALUE	QUAL UNITS	DL	VALUE	QUAL UNITS	DL
CLP PESTICIDES/PCBS 90-SOW													
alpha-BHC		1.9 U	ug/kg	1.9	2.1 UJ	ug/kg	2.1	2.1 UJ	ug/kg	2.1	-		
beta-BHC		1.9 U	ug/kg	1.9	2.1 UJ	ug/kg	2.1	2.1 UJ	ug/kg	2.1	-		
delta-BHC		1.9 U	ug/kg	1.9	2.1 UJ	ug/kg	2.1	2.1 UJ	ug/kg	2.1	-		
gamma-BHC (Lindane)		16	ug/kg	1.9	2.1 UJ	ug/kg	2.1	2.1 UJ	ug/kg	2.1	-		
Heptachlor		17	ug/kg	1.9	2.1 UJ	ug/kg	2.1	2.1 UJ	ug/kg	2.1	-		
Aldrin		16	ug/kg	1.9	2.1 UJ	ug/kg	2.1	2.1 UJ	ug/kg	2.1	-		
Heptachlor epoxide		1.9 U	ug/kg	1.9	2.1 UJ	ug/kg	2.1	2.1 UJ	ug/kg	2.1	-		
Endosulfan I		1.9 U	ug/kg	1.9	2.1 UJ	ug/kg	2.1	2.1 UJ	ug/kg	2.1	-		
Dieldrin		34	ug/kg	3.6	4.1 UJ	ug/kg	4.1	4 UJ	ug/kg	4	-		
4,4-DDE		3.6 U	ug/kg	3.6	4.1 UJ	ug/kg	4.1	4 UJ	ug/kg	4	-		
Endrin		37	ug/kg	3.6	4.1 UJ	ug/kg	4.1	4 UJ	ug/kg	4	-		
Endosulfan II		3.6 U	ug/kg	3.6	4.1 UJ	ug/kg	4.1	4 UJ	ug/kg	4	-		
4,4-DDD		3.6 U	ug/kg	3.6	4.1 UJ	ug/kg	4.1	4 UJ	ug/kg	4	-		
Endosulfan sulfate		3.6 U	ug/kg	3.6	4.1 UJ	ug/kg	4.1	4 UJ	ug/kg	4	-		
4,4-DDT		34	ug/kg	3.6	4.1 UJ	ug/kg	4.1	4 UJ	ug/kg	4	-		
Methoxychlor		19 U	ug/kg	19	21 UJ	ug/kg	21	21 UJ	ug/kg	21	-		
Endrin ketone		3.6 U	ug/kg	3.6	4.1 UJ	ug/kg	4.1	4 UJ	ug/kg	4	-		
Endrin aldehyde		3.6 U	ug/kg	3.6	4.1 UJ	ug/kg	4.1	4 UJ	ug/kg	4	-		
alpha-Chlordane		1.9 U	ug/kg	1.9	2.1 UJ	ug/kg	2.1	2.1 UJ	ug/kg	2.1	-		
gamma-Chlordane		1.9 U	ug/kg	1.9	2.1 UJ	ug/kg	2.1	2.1 UJ	ug/kg	2.1	-		
Toxaphene		190 U	ug/kg	190	210 UJ	ug/kg	210	210 UJ	ug/kg	210	-		
Aroclor-1016		36 U	ug/kg	36	41 UJ	ug/kg	41	40 UJ	ug/kg	40	-		
Aroclor-1221		74 U	ug/kg	74	84 UJ	ug/kg	84	82 UJ	ug/kg	82	-		
Aroclor-1232		36 U	ug/kg	36	41 UJ	ug/kg	41	40 UJ	ug/kg	40	-		
Aroclor-1242		36 U	ug/kg	36	41 UJ	ug/kg	41	40 UJ	ug/kg	40	-		
Aroclor-1248		36 U	ug/kg	36	41 UJ	ug/kg	41	40 UJ	ug/kg	40	-		
Aroclor-1254		36 U	ug/kg	36	41 UJ	ug/kg	41	40 UJ	ug/kg	40	-		
Aroclor-1260		36 U	ug/kg	36	41 UJ	ug/kg	41	40 UJ	ug/kg	40	-		

08/16/93 WHITING FIELD ANALYTICAL REPORT 16:54:57
SOIL BORINGS - PESTICIDES/PCBS - VALIDATED RESULTS

Lab Sample Number:	35015001				35015001RE			
Site	WHITING				WHITING			
Locator	3SB7-10-12				3SB7-10-12RE			
Collect Date:	27-JAN-93				27-JAN-93			
	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL
CLP PESTICIDES/PCBS 90-SOW								
alpha-BHC	2	U	ug/kg	2	2	UJ	ug/kg	2
beta-BHC	2	U	ug/kg	2	2	UJ	ug/kg	2
delta-BHC	2	U	ug/kg	2	2	UJ	ug/kg	2
gamma-BHC (Lindane)	2	U	ug/kg	2	2	UJ	ug/kg	2
Heptachlor	2	U	ug/kg	2	2	UJ	ug/kg	2
Aldrin	2	U	ug/kg	2	2	UJ	ug/kg	2
Heptachlor epoxide	2	U	ug/kg	2	2	UJ	ug/kg	2
Endosulfan I	2	U	ug/kg	2	2	UJ	ug/kg	2
Dieldrin	3.8	U	ug/kg	3.8	3.8	UJ	ug/kg	3.8
4,4-DDE	3.8	U	ug/kg	3.8	3.8	UJ	ug/kg	3.8
Endrin	3.8	U	ug/kg	3.8	3.8	UJ	ug/kg	3.8
Endosulfan II	3.8	U	ug/kg	3.8	3.8	UJ	ug/kg	3.8
4,4-DDD	8.4	UJ	ug/kg	3.8	5	J	ug/kg	3.8
Endosulfan sulfate	3.8	U	ug/kg	3.8	3.8	UJ	ug/kg	3.8
4,4-DDT	3.8	U	ug/kg	3.8	5	J	ug/kg	3.8
Methoxychlor	20	U	ug/kg	20	20	UJ	ug/kg	20
Endrin ketone	3.8	U	ug/kg	3.8	3.8	UJ	ug/kg	3.8
Endrin aldehyde	3.8	U	ug/kg	3.8	3.8	UJ	ug/kg	3.8
alpha-Chlordane	2	U	ug/kg	2	2	UJ	ug/kg	2
gamma-Chlordane	2	U	ug/kg	2	2	UJ	ug/kg	2
Toxaphene	200	U	ug/kg	200	200	UJ	ug/kg	200
Aroclor-1016	38	U	ug/kg	38	38	UJ	ug/kg	38
Aroclor-1221	77	U	ug/kg	77	77	UJ	ug/kg	77
Aroclor-1232	38	U	ug/kg	38	38	UJ	ug/kg	38
Aroclor-1242	38	U	ug/kg	38	38	UJ	ug/kg	38
Aroclor-1248	38	U	ug/kg	38	38	UJ	ug/kg	38
Aroclor-1254	38	U	ug/kg	38	38	UJ	ug/kg	38
Aroclor-1260	38	U	ug/kg	38	38	UJ	ug/kg	38

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SOIL BORINGS - PESTICIDES/PCBS - VALIDATED RESULTS

Lab Sample Number:	34833007				34834001				34834002				34834M01					
Site	WHITING				WHITING				WHITING				WHITING					
Locator	3SB8-10-12				3SB8-15-17				3SB8-15-17A				3SB8-15_MS					
Collect Date:	08-JAN-93				08-JAN-93				08-JAN-93				08-JAN-93					
	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL		
CLP PESTICIDES/PCBS 90-SOW																		
alpha-BHC	1.9	UJ	ug/kg	1.9	2	UJ	ug/kg	2	2	UJ	ug/kg	2	2	U	ug/kg	2		
beta-BHC	1.9	UJ	ug/kg	1.9	2	UJ	ug/kg	2	2	UJ	ug/kg	2	2	U	ug/kg	2		
delta-BHC	1.9	UJ	ug/kg	1.9	2	UJ	ug/kg	2	2	UJ	ug/kg	2	2	U	ug/kg	2		
gamma-BHC (Lindane)	1.9	UJ	ug/kg	1.9	2	UJ	ug/kg	2	2	UJ	ug/kg	2	2	U	ug/kg	2		
Heptachlor	1.9	UJ	ug/kg	1.9	2	UJ	ug/kg	2	2	UJ	ug/kg	2	2	U	ug/kg	2		
Aldrin	1.9	UJ	ug/kg	1.9	2	UJ	ug/kg	2	2	UJ	ug/kg	2	2	U	ug/kg	2		
Heptachlor epoxide	1.9	UJ	ug/kg	1.9	2	UJ	ug/kg	2	2	UJ	ug/kg	2	2	U	ug/kg	2		
Endosulfan I	1.9	UJ	ug/kg	1.9	2	UJ	ug/kg	2	2	UJ	ug/kg	2	2	U	ug/kg	2		
Dieldrin	3.7	UJ	ug/kg	3.7	3.8	UJ	ug/kg	3.8	3.8	UJ	ug/kg	3.8	3.8	U	ug/kg	3.8		
4,4-DDE	3.7	UJ	ug/kg	3.7	3.8	UJ	ug/kg	3.8	3.8	UJ	ug/kg	3.8	3.8	U	ug/kg	3.8		
Endrin	3.7	UJ	ug/kg	3.7	3.8	UJ	ug/kg	3.8	3.8	UJ	ug/kg	3.8	3.8	U	ug/kg	3.8		
Endosulfan II	3.7	UJ	ug/kg	3.7	3.8	UJ	ug/kg	3.8	3.8	UJ	ug/kg	3.8	3.8	U	ug/kg	3.8		
4,4-DDD	3.7	UJ	ug/kg	3.7	3.8	UJ	ug/kg	3.8	3.8	UJ	ug/kg	3.8	3.8	U	ug/kg	3.8		
Endosulfan sulfate	3.7	UJ	ug/kg	3.7	3.8	UJ	ug/kg	3.8	3.8	UJ	ug/kg	3.8	3.8	U	ug/kg	3.8		
4,4-DDT	3.7	UJ	ug/kg	3.7	3.8	UJ	ug/kg	3.8	3.8	UJ	ug/kg	3.8	3.8	U	ug/kg	3.8		
Methoxychlor	19	UJ	ug/kg	19	20	UJ	ug/kg	20	20	UJ	ug/kg	20	20	U	ug/kg	20		
Endrin ketone	3.7	UJ	ug/kg	3.7	3.8	UJ	ug/kg	3.8	3.8	UJ	ug/kg	3.8	3.8	U	ug/kg	3.8		
Endrin aldehyde	3.7	UJ	ug/kg	3.7	3.8	UJ	ug/kg	3.8	3.8	UJ	ug/kg	3.8	3.8	U	ug/kg	3.8		
alpha-Chlordane	1.9	UJ	ug/kg	1.9	2	UJ	ug/kg	2	2	UJ	ug/kg	2	2	U	ug/kg	2		
gamma-Chlordane	1.9	UJ	ug/kg	1.9	2	UJ	ug/kg	2	2	UJ	ug/kg	2	2	U	ug/kg	2		
Toxaphene	190	UJ	ug/kg	190	200	UJ	ug/kg	200	200	UJ	ug/kg	200	200	U	ug/kg	200		
Aroclor-1016	37	UJ	ug/kg	37	38	UJ	ug/kg	38	38	UJ	ug/kg	38	38	U	ug/kg	38		
Aroclor-1221	76	UJ	ug/kg	76	77	UJ	ug/kg	77	77	UJ	ug/kg	77	77	U	ug/kg	77		
Aroclor-1232	37	UJ	ug/kg	37	38	UJ	ug/kg	38	38	UJ	ug/kg	38	38	U	ug/kg	38		
Aroclor-1242	37	UJ	ug/kg	37	38	UJ	ug/kg	38	38	UJ	ug/kg	38	38	U	ug/kg	38		
Aroclor-1248	37	UJ	ug/kg	37	38	UJ	ug/kg	38	38	UJ	ug/kg	38	38	U	ug/kg	38		
Aroclor-1254	37	UJ	ug/kg	37	38	UJ	ug/kg	38	38	UJ	ug/kg	38	38	U	ug/kg	38		
Aroclor-1260	37	UJ	ug/kg	37	38	UJ	ug/kg	38	38	UJ	ug/kg	38	38	U	ug/kg	38		

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SOIL BORINGS - PESTICIDES/PCBS - VALIDATED RESULTS

Lab Sample Number:	34834D01
Site	WHITING
Locator	3SB8-15_MSD
Collect Date:	08-JAN-93

	VALUE	QUAL	UNITS	DL
CLP PESTICIDES/PCBS 90-SOW				
alpha-BHC	2	U	ug/kg	2
beta-BHC	2	U	ug/kg	2
delta-BHC	2	U	ug/kg	2
gamma-BHC (Lindane)	2	U	ug/kg	2
Heptachlor	2	U	ug/kg	2
Aldrin	2	U	ug/kg	2
Heptachlor epoxide	2	U	ug/kg	2
Endosulfan I	2	U	ug/kg	2
Dieldrin	3.8	U	ug/kg	3.8
4,4-DDE	3.8	U	ug/kg	3.8
Endrin	3.8	U	ug/kg	3.8
Endosulfan II	3.8	U	ug/kg	3.8
4,4-DDD	3.8	U	ug/kg	3.8
Endosulfan sulfate	3.8	U	ug/kg	3.8
4,4-DDT	3.8	U	ug/kg	3.8
Methoxychlor	20	U	ug/kg	20
Endrin ketone	3.8	U	ug/kg	3.8
Endrin aldehyde	3.8	U	ug/kg	3.8
alpha-Chlordane	2	U	ug/kg	2
gamma-Chlordane	2	U	ug/kg	2
Toxaphene	200	U	ug/kg	200
Aroclor-1016	38	U	ug/kg	38
Aroclor-1221	77	U	ug/kg	77
Aroclor-1232	38	U	ug/kg	38
Aroclor-1242	38	U	ug/kg	38
Aroclor-1248	38	U	ug/kg	38
Aroclor-1254	38	U	ug/kg	38
Aroclor-1260	38	U	ug/kg	38

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SOIL BORINGS - PESTICIDES/PCBS - VALIDATED RESULTS

	Lab Sample Number:	34833003				34833004				34833005				34833006			
	Site	WHITING				WHITING				WHITING				WHITING			
	Locator	3SB9-1-2				3SB9-5-7				3SB9-15-17				3SB9-30-32			
	Collect Date:	08-JAN-93				08-JAN-93				08-JAN-93				08-JAN-93			
		VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL
CLP PESTICIDES/PCBS 90-SOW																	
alpha-BHC		1.8	UJ	ug/kg	1.8	2.2	UJ	ug/kg	2.2	2	UJ	ug/kg	2	1.8	UJ	ug/kg	1.8
beta-BHC		1.8	UJ	ug/kg	1.8	2.2	UJ	ug/kg	2.2	2	UJ	ug/kg	2	1.8	UJ	ug/kg	1.8
delta-BHC		1.8	UJ	ug/kg	1.8	2.2	UJ	ug/kg	2.2	2	UJ	ug/kg	2	1.8	UJ	ug/kg	1.8
gamma-BHC (Lindane)		1.8	UJ	ug/kg	1.8	2.2	UJ	ug/kg	2.2	2	UJ	ug/kg	2	1.8	UJ	ug/kg	1.8
Heptachlor		1.8	UJ	ug/kg	1.8	2.2	UJ	ug/kg	2.2	2	UJ	ug/kg	2	1.8	UJ	ug/kg	1.8
Aldrin		1.8	UJ	ug/kg	1.8	2.2	UJ	ug/kg	2.2	2	UJ	ug/kg	2	1.8	UJ	ug/kg	1.8
Heptachlor epoxide		1.8	UJ	ug/kg	1.8	2.2	UJ	ug/kg	2.2	2	UJ	ug/kg	2	1.8	UJ	ug/kg	1.8
Endosulfan I		1.8	UJ	ug/kg	1.8	2.2	UJ	ug/kg	2.2	2	UJ	ug/kg	2	1.8	UJ	ug/kg	1.8
Dieldrin		3.5	UJ	ug/kg	3.5	4.2	UJ	ug/kg	4.2	3.8	UJ	ug/kg	3.8	3.5	UJ	ug/kg	3.5
4,4-DDE		3.5	UJ	ug/kg	3.5	4.2	UJ	ug/kg	4.2	3.8	UJ	ug/kg	3.8	3.5	UJ	ug/kg	3.5
Endrin		3.5	UJ	ug/kg	3.5	4.2	UJ	ug/kg	4.2	3.8	UJ	ug/kg	3.8	3.5	UJ	ug/kg	3.5
Endosulfan II		3.5	UJ	ug/kg	3.5	4.2	UJ	ug/kg	4.2	3.8	UJ	ug/kg	3.8	3.5	UJ	ug/kg	3.5
4,4-DDD		3.5	UJ	ug/kg	3.5	4.2	UJ	ug/kg	4.2	3.8	UJ	ug/kg	3.8	3.5	UJ	ug/kg	3.5
Endosulfan sulfate		3.5	UJ	ug/kg	3.5	4.2	UJ	ug/kg	4.2	3.8	UJ	ug/kg	3.8	3.5	UJ	ug/kg	3.5
4,4-DDT		3.5	UJ	ug/kg	3.5	4.2	UJ	ug/kg	4.2	3.8	UJ	ug/kg	3.8	3.5	UJ	ug/kg	3.5
Methoxychlor		18	UJ	ug/kg	18	22	UJ	ug/kg	22	20	UJ	ug/kg	20	18	UJ	ug/kg	18
Endrin ketone		3.5	UJ	ug/kg	3.5	4.2	UJ	ug/kg	4.2	3.8	UJ	ug/kg	3.8	3.5	UJ	ug/kg	3.5
Endrin aldehyde		3.5	UJ	ug/kg	3.5	4.2	UJ	ug/kg	4.2	3.8	UJ	ug/kg	3.8	3.5	UJ	ug/kg	3.5
alpha-Chlordane		1.8	UJ	ug/kg	1.8	2.2	UJ	ug/kg	2.2	2	UJ	ug/kg	2	1.8	UJ	ug/kg	1.8
gamma-Chlordane		1.8	UJ	ug/kg	1.8	2.2	UJ	ug/kg	2.2	2	UJ	ug/kg	2	1.8	UJ	ug/kg	1.8
Toxaphene		180	UJ	ug/kg	180	220	UJ	ug/kg	220	200	UJ	ug/kg	200	180	UJ	ug/kg	180
Aroclor-1016		35	UJ	ug/kg	35	42	UJ	ug/kg	42	38	UJ	ug/kg	38	35	UJ	ug/kg	35
Aroclor-1221		71	UJ	ug/kg	71	85	UJ	ug/kg	85	78	UJ	ug/kg	78	71	UJ	ug/kg	71
Aroclor-1232		35	UJ	ug/kg	35	42	UJ	ug/kg	42	38	UJ	ug/kg	38	35	UJ	ug/kg	35
Aroclor-1242		35	UJ	ug/kg	35	42	UJ	ug/kg	42	38	UJ	ug/kg	38	35	UJ	ug/kg	35
Aroclor-1248		35	UJ	ug/kg	35	42	UJ	ug/kg	42	38	UJ	ug/kg	38	35	UJ	ug/kg	35
Aroclor-1254		35	UJ	ug/kg	35	42	UJ	ug/kg	42	38	UJ	ug/kg	38	35	UJ	ug/kg	35
Aroclor-1260		35	UJ	ug/kg	35	42	UJ	ug/kg	42	38	UJ	ug/kg	38	35	UJ	ug/kg	35

08/16/93 WHITING FIELD ANALYTICAL REPORT 16:49:15
SOIL BORINGS - PESTICIDES/PCBS - VALIDATED RESULTS

Lab Sample Number:	34833001				34833002			
Site	WHITING				WHITING			
Locator	3SB10-10-12				3SB10-15-17			
Collect Date:	08-JAN-93				08-JAN-93			
	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL
CLP PESTICIDES/PCBS 90-SOW								
alpha-BHC	2	UJ	ug/kg	2	2	UJ	ug/kg	2
beta-BHC	2	UJ	ug/kg	2	2	UJ	ug/kg	2
delta-BHC	2	UJ	ug/kg	2	2	UJ	ug/kg	2
gamma-BHC (Lindane)	2	UJ	ug/kg	2	2	UJ	ug/kg	2
Heptachlor	2	UJ	ug/kg	2	2	UJ	ug/kg	2
Aldrin	2	UJ	ug/kg	2	2	UJ	ug/kg	2
Heptachlor epoxide	2	UJ	ug/kg	2	2	UJ	ug/kg	2
Endosulfan I	2	UJ	ug/kg	2	2	UJ	ug/kg	2
Dieldrin	3.8	UJ	ug/kg	3.8	3.9	UJ	ug/kg	3.9
4,4-DDE	3.8	UJ	ug/kg	3.8	3.9	UJ	ug/kg	3.9
Endrin	3.8	UJ	ug/kg	3.8	3.9	UJ	ug/kg	3.9
Endosulfan II	3.8	UJ	ug/kg	3.8	3.9	UJ	ug/kg	3.9
4,4-DDD	3.8	UJ	ug/kg	3.8	3.9	UJ	ug/kg	3.9
Endosulfan sulfate	3.8	UJ	ug/kg	3.8	3.9	UJ	ug/kg	3.9
4,4-DDT	3.8	UJ	ug/kg	3.8	3.9	UJ	ug/kg	3.9
Methoxychlor	20	UJ	ug/kg	20	20	UJ	ug/kg	20
Endrin ketone	3.8	UJ	ug/kg	3.8	3.9	UJ	ug/kg	3.9
Endrin aldehyde	3.8	UJ	ug/kg	3.8	3.9	UJ	ug/kg	3.9
alpha-Chlordane	2	UJ	ug/kg	2	2	UJ	ug/kg	2
gamma-Chlordane	2	UJ	ug/kg	2	2	UJ	ug/kg	2
Toxaphene	200	UJ	ug/kg	200	200	UJ	ug/kg	200
Aroclor-1016	38	UJ	ug/kg	38	39	UJ	ug/kg	39
Aroclor-1221	78	UJ	ug/kg	78	79	UJ	ug/kg	79
Aroclor-1232	38	UJ	ug/kg	38	39	UJ	ug/kg	39
Aroclor-1242	38	UJ	ug/kg	38	39	UJ	ug/kg	39
Aroclor-1248	38	UJ	ug/kg	38	39	UJ	ug/kg	39
Aroclor-1254	38	UJ	ug/kg	38	39	UJ	ug/kg	39
Aroclor-1260	38	UJ	ug/kg	38	39	UJ	ug/kg	39

08/16/93 WHITING FIELD ANALYTICAL REPORT 16:56:55
SOIL BORINGS - PESTICIDES/PCBS - VALIDATED RESULTS

Lab Sample Number:	34906012			34906K12			34925007			34836007				
Site	WHITING			WHITING			WHITING			WHITING				
Locator	3SBFB01			3SBFB01			3SBRB1			3SBRB3				
Collect Date:	18-JAN-93			18-JAN-93			19-JAN-93			09-JAN-93				
	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL
CLP PESTICIDES/PCBS 90-SOW																
alpha-BHC	-				.05	UJ	ug/l	.05	.05	UJ	ug/l	.05	-			
beta-BHC	-				.05	UJ	ug/l	.05	.05	UJ	ug/l	.05	-			
delta-BHC	-				.05	UJ	ug/l	.05	.05	UJ	ug/l	.05	-			
gamma-BHC (Lindane)	-				.05	UJ	ug/l	.05	.05	UJ	ug/l	.05	-			
Heptachlor	-				.05	UJ	ug/l	.05	.05	UJ	ug/l	.05	-			
Aldrin	-				.05	UJ	ug/l	.05	.05	UJ	ug/l	.05	-			
Heptachlor epoxide	-				.05	UJ	ug/l	.05	.05	UJ	ug/l	.05	-			
Endosulfan I	-				.05	UJ	ug/l	.05	.05	UJ	ug/l	.05	-			
Dieldrin	-				.1	UJ	ug/l	.1	.1	UJ	ug/l	.1	-			
4,4-DDE	-				.1	UJ	ug/l	.1	.1	UJ	ug/l	.1	-			
Endrin	-				.1	UJ	ug/l	.1	.1	UJ	ug/l	.1	-			
Endosulfan II	-				.1	UJ	ug/l	.1	.1	UJ	ug/l	.1	-			
4,4-DDD	-				.1	UJ	ug/l	.1	.1	UJ	ug/l	.1	-			
Endosulfan sulfate	-				.1	UJ	ug/l	.1	.1	UJ	ug/l	.1	-			
4,4-DDT	-				.1	UJ	ug/l	.1	.1	UJ	ug/l	.1	-			
Methoxychlor	-				.5	UJ	ug/l	.5	.5	UJ	ug/l	.5	-			
Endrin ketone	-				.1	UJ	ug/l	.1	.1	UJ	ug/l	.1	-			
Endrin aldehyde	-				.1	UJ	ug/l	.1	.1	UJ	ug/l	.1	-			
alpha-Chlordane	-				.05	UJ	ug/l	.05	.05	UJ	ug/l	.05	-			
gamma-Chlordane	-				.05	UJ	ug/l	.05	.05	UJ	ug/l	.05	-			
Toxaphene	-				5	UJ	ug/l	5	5	UJ	ug/l	5	-			
Aroclor-1016	-				1	UJ	ug/l	1	1	UJ	ug/l	1	-			
Aroclor-1221	-				2	UJ	ug/l	2	2	UJ	ug/l	2	-			
Aroclor-1232	-				1	UJ	ug/l	1	1	UJ	ug/l	1	-			
Aroclor-1242	-				1	UJ	ug/l	1	1	UJ	ug/l	1	-			
Aroclor-1248	-				1	UJ	ug/l	1	1	UJ	ug/l	1	-			
Aroclor-1254	-				1	UJ	ug/l	1	1	UJ	ug/l	1	-			
Aroclor-1260	-				1	UJ	ug/l	1	1	UJ	ug/l	1	-			

08/16/93 WHITING FIELD ANALYTICAL REPORT 16:56:55
SOIL BORINGS - PESTICIDES/PCBS - VALIDATED RESULTS

Lab Sample Number:	34836007				34836007-1				35015002			
Site	WHITING				WHITING				WHITING			
Locator	3SBRB3				3SBRB3				3SBRB3			
Collect Date:	09-JAN-93				09-JAN-93				27-JAN-93			
	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL
CLP PESTICIDES/PCBS 90-SOW												
alpha-BHC	.05	UJ	ug/l	.05	2	UJ	ug/kg	2	.05	UJ	ug/l	.05
beta-BHC	.05	UJ	ug/l	.05	2	UJ	ug/kg	2	.05	UJ	ug/l	.05
delta-BHC	.05	UJ	ug/l	.05	2	UJ	ug/kg	2	.05	UJ	ug/l	.05
gamma-BHC (Lindane)	.05	UJ	ug/l	.05	2	UJ	ug/kg	2	.05	UJ	ug/l	.05
Heptachlor	.05	UJ	ug/l	.05	2	UJ	ug/kg	2	.05	UJ	ug/l	.05
Aldrin	.05	UJ	ug/l	.05	2	UJ	ug/kg	2	.05	UJ	ug/l	.05
Heptachlor epoxide	.05	UJ	ug/l	.05	2	UJ	ug/kg	2	.05	UJ	ug/l	.05
Endosulfan I	.05	UJ	ug/l	.05	2	UJ	ug/kg	2	.05	UJ	ug/l	.05
Dieldrin	.1	UJ	ug/l	.1	3.9	UJ	ug/kg	3.9	.1	UJ	ug/l	.1
4,4-DDE	.1	UJ	ug/l	.1	3.9	UJ	ug/kg	3.9	.1	UJ	ug/l	.1
Endrin	.1	UJ	ug/l	.1	3.9	UJ	ug/kg	3.9	.1	UJ	ug/l	.1
Endosulfan II	.1	UJ	ug/l	.1	3.9	UJ	ug/kg	3.9	.1	UJ	ug/l	.1
4,4-DDD	.1	UJ	ug/l	.1	3.9	UJ	ug/kg	3.9	.1	UJ	ug/l	.1
Endosulfan sulfate	.1	UJ	ug/l	.1	3.9	UJ	ug/kg	3.9	.1	UJ	ug/l	.1
4,4-DDT	.1	UJ	ug/l	.1	3.9	UJ	ug/kg	3.9	.1	UJ	ug/l	.1
Methoxychlor	.5	UJ	ug/l	.5	20	UJ	ug/kg	20	.5	UJ	ug/l	.5
Endrin ketone	.1	UJ	ug/l	.1	3.9	UJ	ug/kg	3.9	.1	UJ	ug/l	.1
Endrin aldehyde	.1	UJ	ug/l	.1	3.9	UJ	ug/kg	3.9	.1	UJ	ug/l	.1
alpha-Chlordane	.05	UJ	ug/l	.05	2	UJ	ug/kg	2	.05	UJ	ug/l	.05
gamma-Chlordane	.05	UJ	ug/l	.05	2	UJ	ug/kg	2	.05	UJ	ug/l	.05
Toxaphene	5	UJ	ug/l	5	200	UJ	ug/kg	200	5	UJ	ug/l	5
Aroclor-1016	1	UJ	ug/l	1	39	UJ	ug/kg	39	1	UJ	ug/l	1
Aroclor-1221	2	UJ	ug/l	2	80	UJ	ug/kg	80	2	UJ	ug/l	2
Aroclor-1232	1	UJ	ug/l	1	39	UJ	ug/kg	39	1	UJ	ug/l	1
Aroclor-1242	1	UJ	ug/l	1	39	UJ	ug/kg	39	1	UJ	ug/l	1
Aroclor-1248	1	UJ	ug/l	1	39	UJ	ug/kg	39	1	UJ	ug/l	1
Aroclor-1254	1	UJ	ug/l	1	39	UJ	ug/kg	39	1	UJ	ug/l	1
Aroclor-1260	1	UJ	ug/l	1	39	UJ	ug/kg	39	1	UJ	ug/l	1

08/13/93 WHITING FIELD ANALYTICAL REPORT 17:02:41
SOIL BORING - METALS/CYANIDE - VALIDATED RESULTS

Lab Sample Number:	34906012				34938001				34836005				34938003			
Site	WHITING				WHITING				WHITING				WHITING			
Locator	3SB-FB-01				3SB1-0-2				3SB1-1-2				3SB1-15-17			
Collect Date:	18-JAN-93				20-JAN-93				09-JAN-93				20-JAN-93			
	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL
CLP METALS AND CYANIDE																
Aluminum	33.7	U	ug/l	200	8990		mg/kg	40	-				4640		mg/kg	40
Antimony	24.6	U	ug/l	60	5.5	U	mg/kg	12	-				5.8	U	mg/kg	12
Arsenic	1	U	ug/l	10	5.5		mg/kg	2	-				1.9	J	mg/kg	2
Barium	.48	U	ug/l	200	8.7	J	mg/kg	40	-				10.6	J	mg/kg	40
Beryllium	.27	U	ug/l	5	.09	J	mg/kg	1	-				.06	U	mg/kg	1
Cadmium	4	U	ug/l	5	.88	U	mg/kg	1	-				.93	U	mg/kg	1
Calcium	32.8	U	ug/l	5000	636	J	mg/kg	1000	-				195	J	mg/kg	1000
Chromium	2.4	U	ug/l	10	9.6		mg/kg	2	-				4.6		mg/kg	2
Cobalt	2.3	U	ug/l	50	1.3	J	mg/kg	10	-				.96	J	mg/kg	10
Copper	1.7	U	ug/l	25	9.6		mg/kg	5	-				2.7	J	mg/kg	5
Iron	24.8	J	ug/l	100	7540		mg/kg	20	-				2210		mg/kg	20
Lead	1.9	J	ug/l	5	14.5		mg/kg	1	-				1.3	J	mg/kg	1
Magnesium	35.6	U	ug/l	5000	207	J	mg/kg	1000	-				74.8	J	mg/kg	1000
Manganese	.56	U	ug/l	15	72.8		mg/kg	3	-				8.4		mg/kg	3
Mercury	.08	U	ug/l	.2	.02	J	mg/kg	.1	-				.02	U	mg/kg	.1
Nickel	12.5	U	ug/l	40	2.8	U	mg/kg	8	-				2.9	U	mg/kg	8
Potassium	513	U	ug/l	5000	114	U	mg/kg	1000	-				332	J	mg/kg	1000
Selenium	2.1	U	ug/l	5	2.7		mg/kg	1	-				.5	U	mg/kg	1
Silver	2.4	U	ug/l	10	.57	J	mg/kg	2	-				.57	U	mg/kg	2
Sodium	55.6	U	ug/l	5000	12.4	U	mg/kg	1000	-				13.1	U	mg/kg	1000
Thallium	2.5	U	ug/l	10	.57	U	mg/kg	2	-				.6	U	mg/kg	2
Vanadium	2.2	U	ug/l	50	19.8		mg/kg	10	-				14.4		mg/kg	10
Zinc	2.4	J	ug/l	20	10.2		mg/kg	4	-				.64	J	mg/kg	4
Cyanide	4.3	J	ug/l	10	.51	J	mg/kg	1	-				.5	J	mg/kg	1

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08/13/93 WHITING FIELD ANALYTICAL REPORT 17:02:41
SOIL BORING - METALS/CYANIDE - VALIDATED RESULTS

	34939001				34939002				34939001MS				34939001MS			
Lab Sample Number:																
Site	WHITING				WHITING				WHITING				WHITING			
Locator	3SB1-25-27				3SB1-25-27A				3SB1-25-27MS				3SB1-25-27MS			
Collect Date:	20-JAN-93				20-JAN-93				20-JAN-93				20-JAN-93			
	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL
CLP METALS AND CYANIDE																
Aluminum	1280		mg/kg	40	406		mg/kg	40	-				-			
Antimony	5.5	U	mg/kg	12	5.3	U	mg/kg	12	-				-			
Arsenic	.29	J	mg/kg	2	.22	UJ	mg/kg	2	-				-			
Barium	2.2	J	mg/kg	40	.45	J	mg/kg	40	-				-			
Beryllium	.06	U	mg/kg	1	.06	U	mg/kg	1	-				-			
Cadmium	.88	U	mg/kg	1	.85	U	mg/kg	1	-				-			
Calcium	25.7	J	mg/kg	1000	8.7	J	mg/kg	1000	-				-			
Chromium	2.7	UJ	mg/kg	2	1.3	UJ	mg/kg	2	-				-			
Cobalt	.5	U	mg/kg	10	.49	U	mg/kg	10	-				-			
Copper	1.4	UJ	mg/kg	5	.8	UJ	mg/kg	5	-				-			
Iron	1220		mg/kg	20	673		mg/kg	20	-				-			
Lead	.78	UJ	mg/kg	1	.29	UJ	mg/kg	1	-				-			
Magnesium	22.6	J	mg/kg	1000	10.9	J	mg/kg	1000	-				-			
Manganese	2.6	J	mg/kg	3	1	UJ	mg/kg	3	-				-			
Mercury	.02	U	mg/kg	.1	.02	U	mg/kg	.1	-				-			
Nickel	2.8	U	mg/kg	8	2.7	U	mg/kg	8	-				-			
Potassium	114	U	mg/kg	1000	111	U	mg/kg	1000	-				-			
Selenium	1.7	J	mg/kg	1	1.2	J	mg/kg	1	-				-			
Silver	.54	U	mg/kg	2	.52	U	mg/kg	2	-				-			
Sodium	12.4	U	mg/kg	1000	12	U	mg/kg	1000	-				-			
Thallium	.57	U	mg/kg	2	.55	U	mg/kg	2	-				-			
Vanadium	10.1	J	mg/kg	10	10	J	mg/kg	10	-				-			
Zinc	2.9	J	mg/kg	4	1.4	UJ	mg/kg	4	-				-			
Cyanide	.48	J	mg/kg	1	.47	UJ	mg/kg	1	-				-			

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08/13/93 WHITING FIELD ANALYTICAL REPORT 17:02:41
SOIL BORING - METALS/CYANIDE - VALIDATED RESULTS

Lab Sample Number:	34939001MS				34938002				
Site	WHITING				WHITING				
Locator	3SB1-25-27MSD				3SB1-5-7				
Collect Date:	20-JAN-93				20-JAN-93				
	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	
CLP METALS AND CYANIDE									
Aluminum	-				26700		mg/kg	40	
Antimony	-				5.8	U	mg/kg	12	
Arsenic	-				7.7		mg/kg	2	
Barium	-				8.7	J	mg/kg	40	
Beryllium	-				.06	U	mg/kg	1	
Cadmium	-				.93	U	mg/kg	1	
Calcium	-				258	J	mg/kg	1000	
Chromium	-				37.2		mg/kg	2	
Cobalt	-				3.2	J	mg/kg	10	
Copper	-				2	J	mg/kg	5	
Iron	-				28900		mg/kg	20	
Lead	-				6.6		mg/kg	1	
Magnesium	-				84.9	J	mg/kg	1000	
Manganese	-				20.8		mg/kg	3	
Mercury	-				.02	J	mg/kg	.1	
Nickel	-				2.9	U	mg/kg	8	
Potassium	-				172	J	mg/kg	1000	
Selenium	-				3.3		mg/kg	1	
Silver	-				1.8	J	mg/kg	2	
Sodium	-				13	U	mg/kg	1000	
Thallium	-				.59	U	mg/kg	2	
Vanadium	-				76.6		mg/kg	10	
Zinc	-				1.8	J	mg/kg	4	
Cyanide	-				.53	J	mg/kg	1	

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08/13/93 WHITING FIELD ANALYTICAL REPORT 17:04:23
SOIL BORING - METALS/CYANIDE - VALIDATED RESULTS

Lab Sample Number:	34836001				34836001				34836002				34836002			
Site	WHITING				WHITING				WHITING				WHITING			
Locator	3SB2-1-2				3SB2-1-2				3SB2-5-7				3SB2-5-7			
Collect Date:	09-JAN-93				09-JAN-93				09-JAN-93				09-JAN-93			
	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL
CLP METALS AND CYANIDE																
Aluminum	9940		mg/kg	40	-				26300		mg/kg	40	-			
Antimony	5.4	U	mg/kg	12	-				5.6	U	mg/kg	12	-			
Arsenic	3.5		mg/kg	2	-				6.8		mg/kg	2	-			
Barium	6.5	J	mg/kg	40	-				8.8	J	mg/kg	40	-			
Beryllium	.06	U	mg/kg	1	-				.07	J	mg/kg	1	-			
Cadmium	.87	U	mg/kg	1	-				.9	U	mg/kg	1	-			
Calcium	412	J	mg/kg	1000	-				243	J	mg/kg	1000	-			
Chromium	12.7		mg/kg	2	-				34.5		mg/kg	2	-			
Cobalt	1.2	J	mg/kg	10	-				2.6	J	mg/kg	10	-			
Copper	1.4	J	mg/kg	5	-				1	J	mg/kg	5	-			
Iron	12900		mg/kg	20	-				32600		mg/kg	20	-			
Lead	5.8		mg/kg	.6	-				4.4		mg/kg	.6	-			
Magnesium	61.3	J	mg/kg	1000	-				85.9	J	mg/kg	1000	-			
Manganese	25		mg/kg	3	-				15.2		mg/kg	3	-			
Mercury	.03	J	mg/kg	.1	-				.1		mg/kg	.1	-			
Nickel	2.7	U	mg/kg	8	-				2.8	U	mg/kg	8	-			
Potassium	146	J	mg/kg	1000	-				152	J	mg/kg	1000	-			
Selenium	1	J	mg/kg	1	-				1.9		mg/kg	1	-			
Silver	1	J	mg/kg	2	-				2.1	J	mg/kg	2	-			
Sodium	12.2	U	mg/kg	1000	-				12.7	J	mg/kg	1000	-			
Thallium	4.8	U	mg/kg	2	-				5	U	mg/kg	2	-			
Vanadium	33.9		mg/kg	10	-				77.2		mg/kg	10	-			
Zinc	1.5	J	mg/kg	4	-				.36	U	mg/kg	4	-			
Cyanide	.47	J	mg/kg	.5	-				.48	J	mg/kg	.5	-			

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08/13/93 WHITING FIELD ANALYTICAL REPORT 17:04:23
SOIL BORING - METALS/CYANIDE - VALIDATED RESULTS

Lab Sample Number:	34836003				34836003				34836004				34836004		
Site	WHITING				WHITING				WHITING				WHITING		
Locator	3SB2-10-12				3SB2-10-12				3SB2-10-12A				3SB2-10-12A		
Collect Date:	09-JAN-93				09-JAN-93				09-JAN-93				09-JAN-93		
	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL
CLP METALS AND CYANIDE																
Aluminum	2130		mg/kg	40	-				1780		mg/kg	40	-			
Antimony	5.4	U	mg/kg	12	-				5.4	U	mg/kg	12	-			
Arsenic	.62	J	mg/kg	2	-				.47	U	mg/kg	2	-			
Barium	1.4	J	mg/kg	40	-				1.3	J	mg/kg	40	-			
Beryllium	.06	U	mg/kg	1	-				.06	U	mg/kg	1	-			
Cadmium	.86	U	mg/kg	1	-				.86	U	mg/kg	1	-			
Calcium	13.7	J	mg/kg	1000	-				10.7	J	mg/kg	1000	-			
Chromium	4.3		mg/kg	2	-				3.6		mg/kg	2	-			
Cobalt	.49	U	mg/kg	10	-				.49	U	mg/kg	10	-			
Copper	.37	U	mg/kg	5	-				.37	U	mg/kg	5	-			
Iron	5010		mg/kg	20	-				4380		mg/kg	20	-			
Lead	1.1		mg/kg	.6	-				.94		mg/kg	.6	-			
Magnesium	20.5	J	mg/kg	1000	-				17.3	J	mg/kg	1000	-			
Manganese	7.9		mg/kg	3	-				7.5		mg/kg	3	-			
Mercury	.02	J	mg/kg	.1	-				.03	J	mg/kg	.1	-			
Nickel	2.7	U	mg/kg	8	-				2.7	U	mg/kg	8	-			
Potassium	151	J	mg/kg	1000	-				112	U	mg/kg	1000	-			
Selenium	.76	U	mg/kg	1	-				.76	U	mg/kg	1	-			
Silver	.98	J	mg/kg	2	-				.55	J	mg/kg	2	-			
Sodium	12.1	U	mg/kg	1000	-				12.1	U	mg/kg	1000	-			
Thallium	.48	U	mg/kg	2	-				.48	U	mg/kg	2	-			
Vanadium	15.4		mg/kg	10	-				14.5		mg/kg	10	-			
Zinc	.34	U	mg/kg	4	-				.34	U	mg/kg	4	-			
Cyanide	2.6		mg/kg	.5	-				.52	J	mg/kg	.5	-			

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08/13/93 WHITING FIELD ANALYTICAL REPORT 18:33:49
SOIL BORING - METALS/CYANIDE - VALIDATED RESULTS

Lab Sample Number:	34848004				34848004				34848003				34848003		
Site	WHITING				WHITING				WHITING				WHITING		
Locator	3SB3-0-2				3SB3-0-2				3SB3-5-7				3SB3-5-7		
Collect Date:	12-JAN-93				12-JAN-93				12-JAN-93				12-JAN-93		
	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL
CLP METALS AND CYANIDE																
Aluminum	21500		mg/kg	40	-				20400		mg/kg	40	-			
Antimony	2.7	U	mg/kg	12	-				2.8	U	mg/kg	12	-			
Arsenic	3.2		mg/kg	2	-				.96	J	mg/kg	2	-			
Barium	14.9	J	mg/kg	40	-				4.2	J	mg/kg	40	-			
Beryllium	.11	UJ	mg/kg	1	-				.11	UJ	mg/kg	1	-			
Cadmium	.72	J	mg/kg	1	-				.61	J	mg/kg	1	-			
Calcium	1130		mg/kg	1000	-				214	J	mg/kg	1000	-			
Chromium	42.7		mg/kg	2	-				27.6		mg/kg	2	-			
Cobalt	1.6	J	mg/kg	10	-				1.3	U	mg/kg	10	-			
Copper	9.6		mg/kg	5	-				7.3		mg/kg	5	-			
Iron	12700		mg/kg	20	-				29500		mg/kg	20	-			
Lead	5.6		mg/kg	.6	-				3.2		mg/kg	.6	-			
Magnesium	218	J	mg/kg	1000	-				33	J	mg/kg	1000	-			
Manganese	61.1		mg/kg	3	-				8		mg/kg	3	-			
Mercury	.04	J	mg/kg	.1	-				.04	J	mg/kg	.1	-			
Nickel	15.7		mg/kg	8	-				1.8	U	mg/kg	8	-			
Potassium	152	J	mg/kg	1000	-				92.8	J	mg/kg	1000	-			
Selenium	.11	U	mg/kg	1	-				.11	U	mg/kg	1	-			
Silver	.47	U	mg/kg	2	-				.48	U	mg/kg	2	-			
Sodium	212	J	mg/kg	1000	-				187	J	mg/kg	1000	-			
Thallium	.16	U	mg/kg	2	-				.16	U	mg/kg	2	-			
Vanadium	34		mg/kg	10	-				60.5		mg/kg	10	-			
Zinc	9.6		mg/kg	4	-				7.4	J	mg/kg	4	-			
Cyanide	.17	U	mg/kg	.5	-				.17	U	mg/kg	.5	-			

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08/13/93 WHITING FIELD ANALYTICAL REPORT 18:33:49
SOIL BORING - METALS/CYANIDE - VALIDATED RESULTS

Lab Sample Number:	34848002				34848002				34848002				34848002			
Site	WHITING				WHITING				WHITING				WHITING			
Locator	3SB3-10-12				3SB3-10-12				3SB3-10-12				3SB3-10-12			
Collect Date:	12-JAN-93				12-JAN-93				12-JAN-93				12-JAN-93			
	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL
CLP METALS AND CYANIDE																
Aluminum	8850		mg/kg	40	-				8850		mg/kg	40	-			
Antimony	2.7	U	mg/kg	12	-				2.7	U	mg/kg	12	-			
Arsenic	1.5	J	mg/kg	2	-				1.5	J	mg/kg	2	-			
Barium	2.5	J	mg/kg	40	-				2.5	J	mg/kg	40	-			
Beryllium	.11	UJ	mg/kg	1	-				.11	UJ	mg/kg	1	-			
Cadmium	.27	U	mg/kg	1	-				.27	U	mg/kg	1	-			
Calcium	183	J	mg/kg	1000	-				183	J	mg/kg	1000	-			
Chromium	10		mg/kg	2	-				10		mg/kg	2	-			
Cobalt	1.3	U	mg/kg	10	-				1.3	U	mg/kg	10	-			
Copper	4.2	J	mg/kg	5	-				4.2	J	mg/kg	5	-			
Iron	9220		mg/kg	20	-				9220		mg/kg	20	-			
Lead	2		mg/kg	.6	-				2		mg/kg	.6	-			
Magnesium	35.3	J	mg/kg	1000	-				35.3	J	mg/kg	1000	-			
Manganese	12.1		mg/kg	3	-				12.1		mg/kg	3	-			
Mercury	.03	U	mg/kg	.1	-				.03	U	mg/kg	.1	-			
Nickel	2.1	J	mg/kg	8	-				2.1	J	mg/kg	8	-			
Potassium	55.6	J	mg/kg	1000	-				55.6	J	mg/kg	1000	-			
Selenium	.11	U	mg/kg	1	-				.11	U	mg/kg	1	-			
Silver	.47	U	mg/kg	2	-				.47	U	mg/kg	2	-			
Sodium	161	J	mg/kg	1000	-				161	J	mg/kg	1000	-			
Thallium	.16	U	mg/kg	2	-				.16	U	mg/kg	2	-			
Vanadium	27.5		mg/kg	10	-				27.5		mg/kg	10	-			
Zinc	3.3	J	mg/kg	4	-				3.3	J	mg/kg	4	-			
Cyanide	.17	U	mg/kg	.5	-				.17	U	mg/kg	.5	-			

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08/13/93 WHITING FIELD ANALYTICAL REPORT 18:34:48
SOIL BORING - METALS/CYANIDE - VALIDATED RESULTS

Lab Sample Number:	34848007				34848007				34848006				74848006			
Site	WHITING				WHITING				WHITING				WHITING			
Locator	3SB4-0-2				3SB4-0-2				3SB4-5-7				3SB4-5-7			
Collect Date:	12-JAN-93				12-JAN-93				12-JAN-93				12-JAN-93			
	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL
CLP METALS AND CYANIDE																
Aluminum	5200		mg/kg	40	-				12500		mg/kg	40	-			
Antimony	2.6	U	mg/kg	12	-				2.8	U	mg/kg	12	-			
Arsenic	.58	J	mg/kg	2	-				1.3	J	mg/kg	2	-			
Barium	9.7	J	mg/kg	40	-				11	J	mg/kg	40	-			
Beryllium	.11	UJ	mg/kg	1	-				.11	UJ	mg/kg	1	-			
Cadmium	.26	U	mg/kg	1	-				.28	U	mg/kg	1	-			
Calcium	1380		mg/kg	1000	-				245	J	mg/kg	1000	-			
Chromium	3.7		mg/kg	2	-				12.1		mg/kg	2	-			
Cobalt	1.7	J	mg/kg	10	-				1.3	U	mg/kg	10	-			
Copper	3.2	J	mg/kg	5	-				3.9	J	mg/kg	5	-			
Iron	3060		mg/kg	20	-				8910		mg/kg	20	-			
Lead	3		mg/kg	.6	-				1.8		mg/kg	.6	-			
Magnesium	104	J	mg/kg	1000	-				66.6	J	mg/kg	1000	-			
Manganese	151		mg/kg	3	-				4.2		mg/kg	3	-			
Mercury	.04	J	mg/kg	.1	-				.04	J	mg/kg	.1	-			
Nickel	2.2	J	mg/kg	8	-				2.3	J	mg/kg	8	-			
Potassium	99.4	J	mg/kg	1000	-				98.8	J	mg/kg	1000	-			
Selenium	.11	U	mg/kg	1	-				.13	J	mg/kg	1	-			
Silver	.45	U	mg/kg	2	-				.48	U	mg/kg	2	-			
Sodium	172	J	mg/kg	1000	-				163	J	mg/kg	1000	-			
Thallium	.15	U	mg/kg	2	-				.16	U	mg/kg	2	-			
Vanadium	7	J	mg/kg	10	-				24.9		mg/kg	10	-			
Zinc	3.9	J	mg/kg	4	-				4.4	J	mg/kg	4	-			
Cyanide	.16	U	mg/kg	.5	-				.17	U	mg/kg	.5	-			

U = NOT DETECTED J = ESTIMATED VALUE
UJ = [illegible]PORTED QUANTITATION LIMIT IS QUALIFIED AS ESTIMATED
R [illegible]LT IS REJECTED AND UNUSABLE

08/13/93 WHITING FIELD AN...YTICAL REPORT 18:34:48
SOIL BORING - METALS/CYANIDE - VALIDATED RESULTS

Lab Sample Number:		34848006			34848005			34848005			
Site		WHITING			WHITING			WHITING			
Locator		3SB4-5-7			3SB4-10-12			3SB4-10-12			
Collect Date:		12-JAN-93			12-JAN-93			12-JAN-93			
	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL
CLP METALS AND CYANIDE												
Aluminum		-			13400		mg/kg	40		-		
Antimony		-			2.8	U	mg/kg	12		-		
Arsenic		-			1.5	J	mg/kg	2		-		
Barium		-			4.2	J	mg/kg	40		-		
Beryllium		-			.11	UJ	mg/kg	1		-		
Cadmium		-			.27	U	mg/kg	1		-		
Calcium		-			131	J	mg/kg	1000		-		
Chromium		-			15.3		mg/kg	2		-		
Cobalt		-			1.3	U	mg/kg	10		-		
Copper		-			4.7	J	mg/kg	5		-		
Iron		-			12300		mg/kg	20		-		
Lead		-			1.9		mg/kg	.6		-		
Magnesium		-			55.4	J	mg/kg	1000		-		
Manganese		-			12.3		mg/kg	3		-		
Mercury		-			.03	U	mg/kg	.1		-		
Nickel		-			2.8	J	mg/kg	8		-		
Potassium		-			73.2	J	mg/kg	1000		-		
Selenium		-			.11	U	mg/kg	1		-		
Silver		-			.48	U	mg/kg	2		-		
Sodium		-			214	J	mg/kg	1000		-		
Thallium		-			.16	U	mg/kg	2		-		
Vanadium		-			36.8		mg/kg	10		-		
Zinc		-			5	J	mg/kg	4		-		
Cyanide		-			.17	U	mg/kg	.5		-		

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R = RESULT IS REJECTED AND UNUSABLE

08/13/93 WHITING FIELD ANALYTICAL REPORT 18:35:40
SOIL BORING - METALS/CYANIDE - VALIDATED RESULTS

Lab Sample Number:	34833008				34833009				34833010			
Site	WHITING				WHITING				WHITING			
Locator	3SB5-1-2				3SB5-5-7				3SB5-10-12			
Collect Date:	08-JAN-93				08-JAN-93				08-JAN-93			
	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL
CLP METALS AND CYANIDE												
Aluminum	20400		mg/kg	40	14100		mg/kg	40	38300		mg/kg	40
Antimony	2.6	U	mg/kg	12	2.7	U	mg/kg	12	2.8	U	mg/kg	12
Arsenic	1.7	J	mg/kg	2	2.8		mg/kg	2	1.2	J	mg/kg	2
Barium	16.2	J	mg/kg	40	10.4	J	mg/kg	40	8.7	J	mg/kg	40
Beryllium	.11	U	mg/kg	1	.11	U	mg/kg	1	.12	U	mg/kg	1
Cadmium	.36	J	mg/kg	1	.31	J	mg/kg	1	.79	J	mg/kg	1
Calcium	385	J	mg/kg	1000	265	J	mg/kg	1000	180	J	mg/kg	1000
Chromium	15.4		mg/kg	2	11.2		mg/kg	2	36.1		mg/kg	2
Cobalt	1.3	U	mg/kg	10	1.3	U	mg/kg	10	1.4	U	mg/kg	10
Copper	8.5		mg/kg	5	5.4	J	mg/kg	5	11.1		mg/kg	5
Iron	10300		mg/kg	20	8970		mg/kg	20	29700		mg/kg	20
Lead	4.4		mg/kg	1	3.8		mg/kg	1	3.1		mg/kg	1
Magnesium	177	J	mg/kg	1000	109	J	mg/kg	1000	117	J	mg/kg	1000
Manganese	67.7		mg/kg	3	39.4		mg/kg	3	12.5		mg/kg	3
Mercury	.06		mg/kg	.1	.04	J	mg/kg	.1	.05	J	mg/kg	.1
Nickel	2.2	J	mg/kg	8	1.7	U	mg/kg	8	2.8	J	mg/kg	8
Potassium	175	J	mg/kg	1000	116	J	mg/kg	1000	175	J	mg/kg	1000
Selenium	.41	J	mg/kg	1	.5	J	mg/kg	1	.51	J	mg/kg	1
Silver	.46	U	mg/kg	2	.47	U	mg/kg	2	.49	U	mg/kg	2
Sodium	171	J	mg/kg	1000	189	J	mg/kg	1000	206	J	mg/kg	1000
Thallium	.15	U	mg/kg	2	.16	U	mg/kg	2	.16	U	mg/kg	2
Vanadium	26.4		mg/kg	10	22.7		mg/kg	10	72.5		mg/kg	10
Zinc	12.2		mg/kg	4	7.3		mg/kg	4	11.1		mg/kg	4
Cyanide	.16	U	mg/kg	1	.17	U	mg/kg	1	.18	U	mg/kg	1

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08/13/93 WHITING FIELD ANALYTICAL REPORT 18:36:16
SOIL BORING - METALS/CYANIDE - VALIDATED RESULTS

Lab Sample Number:	34906001				34906002				34906003				34906004			
Site	WHITING				WHITING				WHITING				WHITING			
Locator	3SB6-1-2				3SB6-5-7				3SB6-10-12				3SB6-15-17			
Collect Date:	18-JAN-93				18-JAN-93				18-JAN-93				18-JAN-93			
	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL
CLP METALS AND CYANIDE																
Aluminum	5180		mg/kg	40	59600		mg/kg	40	41000		mg/kg	40	12300		mg/kg	40
Antimony	5.2	U	mg/kg	12	5.9	U	mg/kg	12	5.7	U	mg/kg	12	5.7	U	mg/kg	12
Arsenic	1.1	J	mg/kg	2	16		mg/kg	2	1.8	J	mg/kg	2	2.6	J	mg/kg	2
Barium	8.9	J	mg/kg	40	13.5	J	mg/kg	40	6.8	J	mg/kg	40	18.3	J	mg/kg	40
Beryllium	.06	J	mg/kg	1	.09	J	mg/kg	1	.06	U	mg/kg	1	.06	U	mg/kg	1
Cadmium	.83	U	mg/kg	1	.95	U	mg/kg	1	.92	U	mg/kg	1	.92	U	mg/kg	1
Calcium	261	J	mg/kg	1000	64.9	J	mg/kg	1000	7.6	U	mg/kg	1000	29.1	J	mg/kg	1000
Chromium	4.4		mg/kg	2	37.9		mg/kg	2	29.7		mg/kg	2	9.6		mg/kg	2
Cobalt	1	J	mg/kg	10	2.2	J	mg/kg	10	1.9	J	mg/kg	10	.52	U	mg/kg	10
Copper	7.3		mg/kg	5	8.3		mg/kg	5	4.6	J	mg/kg	5	2.7	J	mg/kg	5
Iron	2730		mg/kg	20	20400		mg/kg	20	25000		mg/kg	20	4610		mg/kg	20
Lead	1.5	J	mg/kg	1	4.3		mg/kg	1	3.5		mg/kg	1	3.2		mg/kg	1
Magnesium	226	J	mg/kg	1000	265	J	mg/kg	1000	92.4	J	mg/kg	1000	142	J	mg/kg	1000
Manganese	36		mg/kg	3	21.7		mg/kg	3	22.6		mg/kg	3	12.5		mg/kg	3
Mercury	.02	U	mg/kg	.1	.02	U	mg/kg	.1	.02	U	mg/kg	.1	.02	U	mg/kg	.1
Nickel	2.6	U	mg/kg	8	5	J	mg/kg	8	4.3	J	mg/kg	8	2.9	U	mg/kg	8
Potassium	108	U	mg/kg	1000	190	J	mg/kg	1000	119	U	mg/kg	1000	377	J	mg/kg	1000
Selenium	1.7		mg/kg	1	1.7		mg/kg	1	1	J	mg/kg	1	.67	J	mg/kg	1
Silver	.51	UJ	mg/kg	2	.58	UJ	mg/kg	2	.56	UJ	mg/kg	2	.56	UJ	mg/kg	2
Sodium	11.6	U	mg/kg	1000	13.4	U	mg/kg	1000	12.9	U	mg/kg	1000	15.7	J	mg/kg	1000
Thallium	.53	U	mg/kg	2	.61	U	mg/kg	2	.59	U	mg/kg	2	.59	U	mg/kg	2
Vanadium	6.7	J	mg/kg	10	56.3		mg/kg	10	64.8		mg/kg	10	22.6		mg/kg	10
Zinc	3.6	J	mg/kg	4	7.5		mg/kg	4	2.3	J	mg/kg	4	2.2	J	mg/kg	4
Cyanide	.41	J	mg/kg	1	.51	J	mg/kg	1	.53	J	mg/kg	1	.47	J	mg/kg	1

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08/13/93 WHITING FIELD ANALYTICAL REPORT 18:36:16
SOIL BORING - METALS/CYANIDE - VALIDATED RESULTS

Lab Sample Number:	34906005				34909001				34909002				34909001MS			
Site	WHITING				WHITING				WHITING				WHITING			
Locator	3SB6-25-27				3SB6-70-72				3SB6-70-72A				3SB6-70-72MS			
Collect Date:	18-JAN-93				18-JAN-93				18-JAN-93				18-JAN-93			
	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL
CLP METALS AND CYANIDE																
Aluminum	1160		mg/kg	40	214	J	mg/kg	40	487	J	mg/kg	40	-			
Antimony	5.1	U	mg/kg	12	5.3	U	mg/kg	12	5.3	U	mg/kg	12	-			
Arsenic	1.5	J	mg/kg	2	.96	J	mg/kg	2	1.1	J	mg/kg	2	-			
Barium	1.5	J	mg/kg	40	.79	UJ	mg/kg	40	1.3	UJ	mg/kg	40	-			
Beryllium	.06	U	mg/kg	1	.06	U	mg/kg	1	.06	U	mg/kg	1	-			
Cadmium	.83	U	mg/kg	1	.85	U	mg/kg	1	.85	U	mg/kg	1	-			
Calcium	13.7	J	mg/kg	1000	13	UJ	mg/kg	1000	12.3	UJ	mg/kg	1000	-			
Chromium	3.3		mg/kg	2	.9	J	mg/kg	2	1.8	J	mg/kg	2	-			
Cobalt	.47	U	mg/kg	10	.49	U	mg/kg	10	.49	U	mg/kg	10	-			
Copper	.36	J	mg/kg	5	.36	U	mg/kg	5	.62	UJ	mg/kg	5	-			
Iron	784		mg/kg	20	245	J	mg/kg	20	222	J	mg/kg	20	-			
Lead	.67	J	mg/kg	1	.78	UJ	mg/kg	1	1.1	UJ	mg/kg	1	-			
Magnesium	8.4	J	mg/kg	1000	7.7	U	mg/kg	1000	7.7	U	mg/kg	1000	-			
Manganese	2.4	J	mg/kg	3	.8	UJ	mg/kg	3	1.4	J	mg/kg	3	-			
Mercury	.02	U	mg/kg	.1	.02	UJ	mg/kg	.1	.02	UJ	mg/kg	.1	-			
Nickel	2.6	U	mg/kg	8	2.7	U	mg/kg	8	2.7	U	mg/kg	8	-			
Potassium	107	U	mg/kg	1000	111	U	mg/kg	1000	111	U	mg/kg	1000	-			
Selenium	.8	J	mg/kg	1	1.6	UJ	mg/kg	1	.77	J	mg/kg	1	-			
Silver	.51	UJ	mg/kg	2	.52	UJ	mg/kg	2	.52	UJ	mg/kg	2	-			
Sodium	11.6	U	mg/kg	1000	12	U	mg/kg	1000	12	U	mg/kg	1000	-			
Thallium	.53	U	mg/kg	2	.55	U	mg/kg	2	5.5	U	mg/kg	2	-			
Vanadium	5.4	J	mg/kg	10	1.1	UJ	mg/kg	10	1.2	UJ	mg/kg	10	-			
Zinc	3.9	J	mg/kg	4	2.1	UJ	mg/kg	4	2.5	UJ	mg/kg	4	-			
Cyanide	.45	J	mg/kg	1	.45	UJ	mg/kg	1	.47	UJ	mg/kg	1	-			

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08/13/93 WHITING FIELD ANALYTICAL REPORT 18:36:16
SOIL BORING - METALS/CYANIDE - VALIDATED RESULTS

Lab Sample Number:	34909001MS				34906010				34906011				34907011			
Site	WHITING				WHITING				WHITING				WHITING			
Locator	3SB6-70-72MSD				3SB6-100-102				3SB6-100-102A				3SB6-100-102A			
Collect Date:	18-JAN-93				18-JAN-93				18-JAN-93				18-JAN-93			
	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL
CLP METALS AND CYANIDE																
Aluminum	-				3030		mg/kg	40	3250		mg/kg	40	-			
Antimony	-				5.9	U	mg/kg	12	6	U	mg/kg	12	-			
Arsenic	-				1.3	J	mg/kg	2	1.3	J	mg/kg	2	-			
Barium	-				34.7	J	mg/kg	40	14.5	J	mg/kg	40	-			
Beryllium	-				.06	J	mg/kg	1	.07	U	mg/kg	1	-			
Cadmium	-				.95	U	mg/kg	1	.95	U	mg/kg	1	-			
Calcium	-				142	J	mg/kg	1000	136	J	mg/kg	1000	-			
Chromium	-				6.2		mg/kg	2	6.5		mg/kg	2	-			
Cobalt	-				.54	U	mg/kg	10	.54	U	mg/kg	10	-			
Copper	-				1.6	J	mg/kg	5	2.1	J	mg/kg	5	-			
Iron	-				2100		mg/kg	20	2240		mg/kg	20	-			
Lead	-				2	J	mg/kg	1	2.9		mg/kg	1	-			
Magnesium	-				89.2	J	mg/kg	1000	91.5	J	mg/kg	1000	-			
Manganese	-				2.5	J	mg/kg	3	3.5	J	mg/kg	3	-			
Mercury	-				.02	U	mg/kg	.1	.02	U	mg/kg	.1	-			
Nickel	-				3	U	mg/kg	8	3	U	mg/kg	8	-			
Potassium	-				271	J	mg/kg	1000	310	J	mg/kg	1000	-			
Selenium	-				2.2		mg/kg	1	2.1		mg/kg	1	-			
Silver	-				.58	UJ	mg/kg	2	.58	UJ	mg/kg	2	-			
Sodium	-				13.4	U	mg/kg	1000	13.4	U	mg/kg	1000	-			
Thallium	-				.61	U	mg/kg	2	.61	U	mg/kg	2	-			
Vanadium	-				15.1		mg/kg	10	15.6		mg/kg	10	-			
Zinc	-				3.3	J	mg/kg	4	8		mg/kg	4	-			
Cyanide	-				.55	J	mg/kg	1	.53	J	mg/kg	1	-			

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08/13/93 WHITING FIELD ANALYTICAL REPORT 18:37:37
SOIL BORING - METALS/CYANIDE - VALIDATED RESULTS

Lab Sample Number:	35015001				35015001RE			
Site	WHITING				WHITING			
Locator	3SB7-10-12				3SB7-10-12RE			
Collect Date:	27-JAN-93				27-JAN-93			
	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL
CLP METALS AND CYANIDE								
Aluminum	5640		mg/kg	40	-			
Antimony	5.6	U	mg/kg	12	-			
Arsenic	4.8		mg/kg	2	-			
Barium	4.3	J	mg/kg	40	-			
Beryllium	.13	J	mg/kg	1	-			
Cadmium	.9	U	mg/kg	1	-			
Calcium	7.5	U	mg/kg	1000	-			
Chromium	9.6		mg/kg	2	-			
Cobalt	.87	J	mg/kg	10	-			
Copper	2.1	J	mg/kg	5	-			
Iron	9630		mg/kg	20	-			
Lead	4.5		mg/kg	1	-			
Magnesium	72.8	J	mg/kg	1000	-			
Manganese	4.6		mg/kg	3	-			
Mercury	.06		mg/kg	.1	-			
Nickel	2.8	U	mg/kg	8	-			
Potassium	117	U	mg/kg	1000	-			
Selenium	4.9		mg/kg	1	-			
Silver	.55	U	mg/kg	2	-			
Sodium	12.6	U	mg/kg	1000	-			
Thallium	.58	U	mg/kg	2	-			
Vanadium	29		mg/kg	10	-			
Zinc	.36	U	mg/kg	4	-			
Cyanide	.59	J	mg/kg	1	-			

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08/13/93 WHITING FIELD ANALYTICAL REPORT 18:38:08
SOIL BORING - METALS/CYANIDE - VALIDATED RESULTS

Lab Sample Number:	34833007				34834001				34834002				34834M01			
Site	WHITING				WHITING				WHITING				WHITING			
Locator	3SB8-10-12				3SB8-15-17				3SB8-15-17A				3SB8-15_MS			
Collect Date:	08-JAN-93				08-JAN-93				08-JAN-93				08-JAN-93			
	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL
CLP METALS AND CYANIDE																
Aluminum	21500		mg/kg	40	2250	J	mg/kg	40	5320	J	mg/kg	40	-			
Antimony	2.8	U	mg/kg	12	2.8	U	mg/kg	12	2.8	U	mg/kg	12	-			
Arsenic	1.1	J	mg/kg	2	1.2	J	mg/kg	2	1.4	J	mg/kg	2	-			
Barium	4.3	J	mg/kg	40	5.8	J	mg/kg	40	8.6	J	mg/kg	40	-			
Beryllium	.11	U	mg/kg	1	.12	U	mg/kg	1	.12	U	mg/kg	1	-			
Cadmium	.39	J	mg/kg	1	.28	U	mg/kg	1	.28	U	mg/kg	1	-			
Calcium	233	J	mg/kg	1000	116	J	mg/kg	1000	146	J	mg/kg	1000	-			
Chromium	25.9		mg/kg	2	3.3		mg/kg	2	5.8		mg/kg	2	-			
Cobalt	1.3	U	mg/kg	10	1.3	U	mg/kg	10	1.3	U	mg/kg	10	-			
Copper	7.9		mg/kg	5	2.4	J	mg/kg	5	3.4	J	mg/kg	5	-			
Iron	20800		mg/kg	20	2840		mg/kg	20	4750		mg/kg	20	-			
Lead	3.1		mg/kg	1	2.4		mg/kg	1	2.6		mg/kg	1	-			
Magnesium	54	J	mg/kg	1000	59.8	UJ	mg/kg	1000	80.7	J	mg/kg	1000	-			
Manganese	9.7		mg/kg	3	4.5		mg/kg	3	6.3		mg/kg	3	-			
Mercury	.04	J	mg/kg	.1	.04	UJ	mg/kg	.1	.05	UJ	mg/kg	.1	-			
Nickel	2.1	J	mg/kg	8	1.8	U	mg/kg	8	1.8	U	mg/kg	8	-			
Potassium	123	J	mg/kg	1000	200	UJ	mg/kg	1000	233	UJ	mg/kg	1000	-			
Selenium	.73	J	mg/kg	1	.12	UJ	mg/kg	1	.12	UJ	mg/kg	1	-			
Silver	.48	U	mg/kg	2	.48	U	mg/kg	2	.48	U	mg/kg	2	-			
Sodium	189	J	mg/kg	1000	214	J	mg/kg	1000	214	J	mg/kg	1000	-			
Thallium	.16	U	mg/kg	2	.16	U	mg/kg	2	.16	U	mg/kg	2	-			
Vanadium	55		mg/kg	10	13.7		mg/kg	10	18.8		mg/kg	10	-			
Zinc	6.2		mg/kg	4	2.3	J	mg/kg	4	4.3	J	mg/kg	4	-			
Cyanide	.19	J	mg/kg	1	.17	U	mg/kg	1	.17	U	mg/kg	1	-			

U = NOT DETECTED J = ESTIMATED VALUE
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08/13/93 WHITING FIELD ANALYTICAL REPORT 18:38:08
SOIL BORING - METALS/CYANIDE - VALIDATED RESULTS

Lab Sample Number:	34834D01
Site	WHITING
Locator	3SB8-15_MSD
Collect Date:	08-JAN-93

	VALUE	QUAL	UNITS	DL
CLP METALS AND CYANIDE				
Aluminum	-			
Antimony	-			
Arsenic	-			
Barium	-			
Beryllium	-			
Cadmium	-			
Calcium	-			
Chromium	-			
Cobalt	-			
Copper	-			
Iron	-			
Lead	-			
Magnesium	-			
Manganese	-			
Mercury	-			
Nickel	-			
Potassium	-			
Selenium	-			
Silver	-			
Sodium	-			
Thallium	-			
Vanadium	-			
Zinc	-			
Cyanide	-			

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08/13/93 WHITING FIELD ANALYTICAL REPORT 18:38:54
SOIL BORING - METALS/CYANIDE - VALIDATED RESULTS

Lab Sample Number:		34833003				34833004				34833005				34833006				
Site		WHITING				WHITING				WHITING				WHITING				
Locator		3SB9-1-2				3SB9-5-7				3SB9-15-17				3SB9-30-32				
Collect Date:		08-JAN-93				08-JAN-93				08-JAN-93				08-JAN-93				
	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL		
CLP METALS AND CYANIDE																		
Aluminum	4380		mg/kg	40	26300		mg/kg	40	6700		mg/kg	40	803		mg/kg	40		
Antimony	2.5	U	mg/kg	12	3.1	U	mg/kg	12	2.8	U	mg/kg	12	2.6	U	mg/kg	12		
Arsenic	.9	J	mg/kg	2	.78	J	mg/kg	2	1.1	J	mg/kg	2	.15	U	mg/kg	2		
Barium	6.4	J	mg/kg	40	16.4	J	mg/kg	40	4.4	J	mg/kg	40	1.3	J	mg/kg	40		
Beryllium	.1	U	mg/kg	1	.13	U	mg/kg	1	.12	U	mg/kg	1	.11	U	mg/kg	1		
Cadmium	.59	J	mg/kg	1	.31	J	mg/kg	1	.28	U	mg/kg	1	.26	U	mg/kg	1		
Calcium	392	J	mg/kg	1000	429	J	mg/kg	1000	178	J	mg/kg	1000	71.6	J	mg/kg	1000		
Chromium	3.2		mg/kg	2	23.5		mg/kg	2	8.2		mg/kg	2	.79	U	mg/kg	2		
Cobalt	1.2	U	mg/kg	10	1.5	U	mg/kg	10	1.3	U	mg/kg	10	1.2	U	mg/kg	10		
Copper	3.8	J	mg/kg	5	8.6		mg/kg	5	5.5	J	mg/kg	5	.96	J	mg/kg	5		
Iron	2590		mg/kg	20	15500		mg/kg	20	7160		mg/kg	20	86.1		mg/kg	20		
Lead	3.8		mg/kg	1	2.6		mg/kg	1	2.5		mg/kg	1	.6	J	mg/kg	1		
Magnesium	80.6	J	mg/kg	1000	157	J	mg/kg	1000	59.5	J	mg/kg	1000	23.6	J	mg/kg	1000		
Manganese	104		mg/kg	3	13.2		mg/kg	3	6.5		mg/kg	3	.88	J	mg/kg	3		
Mercury	.03	U	mg/kg	.1	.07	J	mg/kg	.1	.03	J	mg/kg	.1	.03	U	mg/kg	.1		
Nickel	1.7	J	mg/kg	8	3.4	J	mg/kg	8	1.8	U	mg/kg	8	1.6	U	mg/kg	8		
Potassium	93	J	mg/kg	1000	142	J	mg/kg	1000	116	J	mg/kg	1000	79.5	J	mg/kg	1000		
Selenium	.1	U	mg/kg	1	.13	UJ	mg/kg	1	.7	J	mg/kg	1	.31	J	mg/kg	1		
Silver	.44	U	mg/kg	2	.53	U	mg/kg	2	.49	U	mg/kg	2	.45	U	mg/kg	2		
Sodium	165	J	mg/kg	1000	217	J	mg/kg	1000	192	J	mg/kg	1000	158	J	mg/kg	1000		
Thallium	.15	J	mg/kg	2	.18	U	mg/kg	2	.16	U	mg/kg	2	.15	U	mg/kg	2		
Vanadium	5.9	J	mg/kg	10	38.9		mg/kg	10	25.2		mg/kg	10	.88	J	mg/kg	10		
Zinc	4	J	mg/kg	4	8.5		mg/kg	4	3	J	mg/kg	4	1.8	J	mg/kg	4		
Cyanide	.16	U	mg/kg	1	.19	U	mg/kg	1	.17	U	mg/kg	1	.16	U	mg/kg	1		

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08/13/93 WHITING FIELD ANALYTICAL REPORT 17:03:54
SOIL BORING - METALS/CYANIDE - VALIDATED RESULTS

Lab Sample Number:	34833001				34833002			
Site	WHITING				WHITING			
Locator	3SB10-10-12				3SB10-15-17			
Collect Date:	08-JAN-93				08-JAN-93			
	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL
CLP METALS AND CYANIDE								
Aluminum	6290		mg/kg	40	5880		mg/kg	40
Antimony	2.8	U	mg/kg	12	2.8	U	mg/kg	12
Arsenic	1.4	J	mg/kg	2	.82	J	mg/kg	2
Barium	3.2	J	mg/kg	40	8.2	J	mg/kg	40
Beryllium	.12	U	mg/kg	1	.12	U	mg/kg	1
Cadmium	.34	J	mg/kg	1	.28	U	mg/kg	1
Calcium	250	J	mg/kg	1000	224	J	mg/kg	1000
Chromium	15.8		mg/kg	2	11.2		mg/kg	2
Cobalt	1.3	U	mg/kg	10	1.4	U	mg/kg	10
Copper	7.3		mg/kg	5	6.6		mg/kg	5
Iron	15400		mg/kg	20	10700		mg/kg	20
Lead	3.3		mg/kg	1	2.4		mg/kg	1
Magnesium	45.1	J	mg/kg	1000	106	J	mg/kg	1000
Manganese	9.4		mg/kg	3	5.9		mg/kg	3
Mercury	.03	U	mg/kg	.1	.04	J	mg/kg	.1
Nickel	1.8	U	mg/kg	8	1.8	U	mg/kg	8
Potassium	53.2	J	mg/kg	1000	102	J	mg/kg	1000
Selenium	.12	UJ	mg/kg	1	.12	UJ	mg/kg	1
Silver	.49	U	mg/kg	2	.49	U	mg/kg	2
Sodium	195	J	mg/kg	1000	211	J	mg/kg	1000
Thallium	.16	U	mg/kg	2	.16	U	mg/kg	2
Vanadium	42		mg/kg	10	29.7		mg/kg	10
Zinc	4.4	J	mg/kg	4	4.2	J	mg/kg	4
Cyanide	.19	J	mg/kg	1	.18	U	mg/kg	1

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08/13/93 WHITING FIELD ANALYTICAL REPORT 18:40:05
SOIL BORING - METALS/CYANIDE - VALIDATED RESULTS

Lab Sample Number:	34925007				34836007				34836007				34836007-1			
Site	WHITING				WHITING				WHITING				WHITING			
Locator	3SBRB1				3SBRB3				3SBRB3				3SBRB3			
Collect Date:	19-JAN-93				09-JAN-93				09-JAN-93				09-JAN-93			
	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL
CLP METALS AND CYANIDE																
Aluminum	33.7	U	ug/l	200	98.1	J	ug/l	200	-				-			
Antimony	24.6	U	ug/l	60	24.6	U	ug/l	60	-				-			
Arsenic	2.9	J	ug/l	10	2.1	U	ug/l	10	-				-			
Barium	.48	U	ug/l	200	2.3	J	ug/l	200	-				-			
Beryllium	.27	U	ug/l	5	.27	U	ug/l	5	-				-			
Cadmium	4	U	ug/l	5	4	U	ug/l	5	-				-			
Calcium	32.8	U	ug/l	5000	32.8	U	ug/l	5000	-				-			
Chromium	2.4	U	ug/l	10	2.4	U	ug/l	10	-				-			
Cobalt	2.3	U	ug/l	50	2.3	U	ug/l	50	-				-			
Copper	2.2	J	ug/l	25	1.7	U	ug/l	25	-				-			
Iron	73.3	J	ug/l	100	70.8	J	ug/l	100	-				-			
Lead	.52	U	ug/l	5	1.3	U	ug/l	3	-				-			
Magnesium	35.6	U	ug/l	5000	35.6	U	ug/l	5000	-				-			
Manganese	.68	J	ug/l	15	.81	J	ug/l	15	-				-			
Mercury	.08	U	ug/l	.2	.07	U	ug/l	.2	-				-			
Nickel	12.5	U	ug/l	40	12.5	U	ug/l	40	-				-			
Potassium	513	U	ug/l	5000	513	U	ug/l	5000	-				-			
Selenium	2.1	U	ug/l	5	3.5	U	ug/l	5	-				-			
Silver	2.4	U	ug/l	10	2.4	U	ug/l	10	-				-			
Sodium	55.6	U	ug/l	5000	55.6	U	ug/l	5000	-				-			
Thallium	2.5	U	ug/l	10	2.2	U	ug/l	10	-				-			
Vanadium	2.2	U	ug/l	50	2.2	U	ug/l	50	-				-			
Zinc	2.2	J	ug/l	20	1.6	U	ug/l	20	-				-			
Cyanide	4.9	J	ug/l	10	4.4	J	ug/l	10	-				-			

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08/13/93 WHITING FIELD ANALYTICAL REPORT 18:40:05
SOIL BORING - METALS/CYANIDE - VALIDATED RESULTS

Lab Sample Number:	35015002				34836007				34836007				34836007-1			
Site	WHITING				WHITING				WHITING				WHITING			
Locator	3SBRB3				3SBRB3				3SBRB3				3SBRB3			
Collect Date:	27-JAN-93				09-JAN-93				09-JAN-93				09-JAN-93			
	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL
CLP METALS AND CYANIDE																
Aluminum	33.7	U	ug/l	200	98.1	J	ug/l	200	-				-			
Antimony	24.6	U	ug/l	60	24.6	U	ug/l	60	-				-			
Arsenic	1	U	ug/l	10	2.1	U	ug/l	10	-				-			
Barium	1.4	J	ug/l	200	2.3	J	ug/l	200	-				-			
Beryllium	.27	U	ug/l	5	.27	U	ug/l	5	-				-			
Cadmium	4	U	ug/l	5	4	U	ug/l	5	-				-			
Calcium	32.8	U	ug/l	5000	32.8	U	ug/l	5000	-				-			
Chromium	2.4	U	ug/l	10	2.4	U	ug/l	10	-				-			
Cobalt	2.3	U	ug/l	50	2.3	U	ug/l	50	-				-			
Copper	2.6	J	ug/l	25	1.7	U	ug/l	25	-				-			
Iron	30.1	J	ug/l	100	70.8	J	ug/l	100	-				-			
Lead	.52	U	ug/l	5	1.3	U	ug/l	3	-				-			
Magnesium	35.6	U	ug/l	5000	35.6	U	ug/l	5000	-				-			
Manganese	.56	U	ug/l	15	.81	J	ug/l	15	-				-			
Mercury	.08	U	ug/l	.2	.07	U	ug/l	.2	-				-			
Nickel	12.5	U	ug/l	40	12.5	U	ug/l	40	-				-			
Potassium	513	U	ug/l	5000	513	U	ug/l	5000	-				-			
Selenium	2.1	U	ug/l	5	3.5	U	ug/l	5	-				-			
Silver	2.4	U	ug/l	10	2.4	U	ug/l	10	-				-			
Sodium	55.6	U	ug/l	5000	55.6	U	ug/l	5000	-				-			
Thallium	2.5	U	ug/l	10	2.2	U	ug/l	10	-				-			
Vanadium	2.2	U	ug/l	50	2.2	U	ug/l	50	-				-			
Zinc	1.6	U	ug/l	20	1.6	U	ug/l	20	-				-			
Cyanide	6.2	J	ug/l	10	4.4	J	ug/l	10	-				-			

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08/13/93 WHITING FIELD ANALYTICAL REPORT 18:40:05
SOIL BORING - METALS/CYANIDE - VALIDATED RESULTS

Lab Sample Number:	35015002				34836007				34836007			34836007-1		
Site	WHITING				WHITING				WHITING			WHITING		
Locator	3SBRB3				3SBRB3				3SBRB3			3SBRB3		
Collect Date:	27-JAN-93				09-JAN-93				09-JAN-93			09-JAN-93		
	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	DL	VALUE	QUAL	UNITS	DL
CLP METALS AND CYANIDE															
Aluminum	33.7	U	ug/l	200	98.1	J	ug/l	200	-			-			
Antimony	24.6	U	ug/l	60	24.6	U	ug/l	60	-			-			
Arsenic	1	U	ug/l	10	2.1	U	ug/l	10	-			-			
Barium	1.4	J	ug/l	200	2.3	J	ug/l	200	-			-			
Beryllium	.27	U	ug/l	5	.27	U	ug/l	5	-			-			
Cadmium	4	U	ug/l	5	4	U	ug/l	5	-			-			
Calcium	32.8	U	ug/l	5000	32.8	U	ug/l	5000	-			-			
Chromium	2.4	U	ug/l	10	2.4	U	ug/l	10	-			-			
Cobalt	2.3	U	ug/l	50	2.3	U	ug/l	50	-			-			
Copper	2.6	J	ug/l	25	1.7	U	ug/l	25	-			-			
Iron	30.1	J	ug/l	100	70.8	J	ug/l	100	-			-			
Lead	.52	U	ug/l	5	1.3	U	ug/l	3	-			-			
Magnesium	35.6	U	ug/l	5000	35.6	U	ug/l	5000	-			-			
Manganese	.56	U	ug/l	15	.81	J	ug/l	15	-			-			
Mercury	.08	U	ug/l	.2	.07	U	ug/l	.2	-			-			
Nickel	12.5	U	ug/l	40	12.5	U	ug/l	40	-			-			
Potassium	513	U	ug/l	5000	513	U	ug/l	5000	-			-			
Selenium	2.1	U	ug/l	5	3.5	U	ug/l	5	-			-			
Silver	2.4	U	ug/l	10	2.4	U	ug/l	10	-			-			
Sodium	55.6	U	ug/l	5000	55.6	U	ug/l	5000	-			-			
Thallium	2.5	U	ug/l	10	2.2	U	ug/l	10	-			-			
Vanadium	2.2	U	ug/l	50	2.2	U	ug/l	50	-			-			
Zinc	1.6	U	ug/l	20	1.6	U	ug/l	20	-			-			
Cyanide	6.2	J	ug/l	10	4.4	J	ug/l	10	-			-			

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08/13/93 WHITING FIELD ANALYTICAL REPORT 18:40:05
SOIL BORING - METALS/CYANIDE - VALIDATED RESULTS

Lab Sample Number:	35015002
Site	WHITING
Locator	3SBRB3
Collect Date:	27-JAN-93

	VALUE	QUAL	UNITS	DL
CLP METALS AND CYANIDE				
Aluminum	33.7	U	ug/l	200
Antimony	24.6	U	ug/l	60
Arsenic	1	U	ug/l	10
Barium	1.4	J	ug/l	200
Beryllium	.27	U	ug/l	5
Cadmium	4	U	ug/l	5
Calcium	32.8	U	ug/l	5000
Chromium	2.4	U	ug/l	10
Cobalt	2.3	U	ug/l	50
Copper	2.6	J	ug/l	25
Iron	30.1	J	ug/l	100
Lead	.52	U	ug/l	5
Magnesium	35.6	U	ug/l	5000
Manganese	.56	U	ug/l	15
Mercury	.08	U	ug/l	.2
Nickel	12.5	U	ug/l	40
Potassium	513	U	ug/l	5000
Selenium	2.1	U	ug/l	5
Silver	2.4	U	ug/l	10
Sodium	55.6	U	ug/l	5000
Thallium	2.5	U	ug/l	10
Vanadium	2.2	U	ug/l	50
Zinc	1.6	U	ug/l	20
Cyanide	6.2	J	ug/l	10

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08/13/93 WHITING FIELD ANALYTICAL REPORT 18:41:25
SOIL BORING - VOLATILES - VALIDATED RESULTS

Lab Sample Number:	34833K11				34938009			
Site	WHITING				WHITING			
Locator	3SBTB05				3SBTB3			
Collect Date:	08-JAN-93				20-JAN-93			
	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL
CLP VOLATILES 90-SOW								
Chloromethane	10	UJ	ug/l	10	10	U	ug/l	10
Bromomethane	10	U	ug/l	10	10	U	ug/l	10
Vinyl chloride	10	U	ug/l	10	10	U	ug/l	10
Chloroethane	10	U	ug/l	10	10	UJ	ug/l	10
Methylene chloride	3	J	ug/l	10	1	J	ug/l	10
Acetone	10	UJ	ug/l	10	10	U	ug/l	10
Carbon disulfide	10	U	ug/l	10	10	U	ug/l	10
1,1-Dichloroethene	10	U	ug/l	10	10	U	ug/l	10
1,1-Dichloroethane	10	U	ug/l	10	10	U	ug/l	10
1,2-Dichloroethene (total)	10	U	ug/l	10	10	U	ug/l	10
Chloroform	10	U	ug/l	10	20		ug/l	10
1,2-Dichloroethane	10	U	ug/l	10	10	U	ug/l	10
2-Butanone	10	U	ug/l	10	10	U	ug/l	10
1,1,1-Trichloroethane	10	U	ug/l	10	10	U	ug/l	10
Carbon tetrachloride	10	U	ug/l	10	10	U	ug/l	10
Bromodichloromethane	10	U	ug/l	10	10	U	ug/l	10
1,2-Dichloropropane	10	U	ug/l	10	10	U	ug/l	10
cis-1,3-Dichloropropene	10	U	ug/l	10	10	U	ug/l	10
Trichloroethene	10	U	ug/l	10	10	U	ug/l	10
Dibromochloromethane	10	U	ug/l	10	10	U	ug/l	10
1,1,2-Trichloroethane	10	U	ug/l	10	10	U	ug/l	10
Benzene	10	U	ug/l	10	10	U	ug/l	10
trans-1,3-Dichloropropene	10	U	ug/l	10	10	U	ug/l	10
Bromoform	10	U	ug/l	10	10	U	ug/l	10
4-Methyl-2-pentanone	10	U	ug/l	10	10	U	ug/l	10
2-Hexanone	10	U	ug/l	10	10	U	ug/l	10
Tetrachloroethene	10	U	ug/l	10	10	U	ug/l	10
Toluene	10	U	ug/l	10	10	U	ug/l	10
1,1,2,2-Tetrachloroethane	10	U	ug/l	10	10	U	ug/l	10
Chlorobenzene	10	U	ug/l	10	10	U	ug/l	10
Ethylbenzene	10	U	ug/l	10	10	U	ug/l	10
Styrene	10	U	ug/l	10	10	U	ug/l	10
Xylenes (total)	10	U	ug/l	10	10	U	ug/l	10

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UJ = REPORTED QUANTITATION LIMIT IS QUALIFIED AS ESTIMATED
R = RESULT IS REJECTED AND UNUSABLE

08/04/94 WHITING FIELD - SITE 3 - TPH 14:40:49
SOIL BORINGS

	Lab Sample Number:	34938001				34938002				34938003				34939001			
	Site	WHITING				WHITING				WHITING				WHITING			
	Locator	3SB1-0-2				3SB1-5-7				3SB1-15-17				3SB1-25-27			
	Collect Date:	20-JAN-93				20-JAN-93				20-JAN-93				20-JAN-93			
		VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL
TOTAL PETROLEUM HYDROCARBON																	
Total petroleum hydrocarbon		11.5		mg/kg		16.6		mg/kg		2.1	UJ	mg/kg		1.7	U	mg/kg	1.7

08/04/94 WHITING FIELD - SITE 3 - TPH 14:40:49
SOIL BORINGS

Lab Sample Number:	34836001			34836002			34836003			34848004		
Site	WHITING			WHITING			WHITING			WHITING		
Locator	3SB2-1-2			3SB2-5-7			3SB2-10-12			3SB3-0-2		
Collect Date:	09-JAN-93			09-JAN-93			09-JAN-93			12-JAN-93		
	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL
TOTAL PETROLEUM HYDROCARBON																
Total petroleum hydrocarbon	27.8		mg/kg		1.9	U	mg/kg	1.9	1.8	U	mg/kg	1.8	7.6		mg/kg	

08/04/94 WHITING FIELD - SITE 3 - TPH 14:40:49
SOIL BORINGS

Lab Sample Number:		34848003				34848002				34848007				34848006	
Site		WHITING				WHITING				WHITING				WHITING	
Locator		3SB3-5-7				3SB3-10-12				3SB4-0-2				3SB4-5-7	
Collect Date:		12-JAN-93				12-JAN-93				12-JAN-93				12-JAN-93	
	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL
TOTAL PETROLEUM HYDROCARBON																
Total petroleum hydrocarbon	1.9	U	mg/kg	1.9	1.9	U	mg/kg	1.9	1.8	U	mg/kg	1.8	1.9	U	mg/kg	1.9

08/04/94 WHITING FIELD SITE 3 - TPH 14:40:49
SOIL BORINGS

Lab Sample Number:		34848005				34833008				34833009				34833010	
Site		WHITING				WHITING				WHITING				WHITING	
Locator		3SB4-10-12				3SB5-1-2				3SB5-5-7				3SB5-10-12	
Collect Date:		12-JAN-93				08-JAN-93				08-JAN-93				08-JAN-93	
	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL
TOTAL PETROLEUM HYDROCARBON																
Total petroleum hydrocarbon	1.9	U	mg/kg	1.9	11.6		mg/kg		4.9		mg/kg		1.9	U	mg/kg	1.9

08/04/94 WHITING FIELD SITE 3 - TPH 14:40:49
SOIL BORINGS

Lab Sample Number:	34906001			34906002			34906003			34906004		
Site	WHITING			WHITING			WHITING			WHITING		
Locator	3SB6-1-2			3SB6-5-7			3SB6-10-12			3SB6-15-17		
Collect Date:	18-JAN-93			18-JAN-93			18-JAN-93			18-JAN-93		
	VALUE QUAL	UNITS	DL	VALUE QUAL	UNITS	DL	VALUE QUAL	UNITS	DL	VALUE QUAL	UNITS	DL
TOTAL PETROLEUM HYDROCARBON												
Total petroleum hydrocarbon	1.7 U	mg/kg	1.7	1.9 U	mg/kg	1.9	1.9 U	mg/kg	1.9	2 U	mg/kg	2

SOIL BORINGS

Lab Sample Number:	34906005				34909001				34906010				35015001			
Site	WHITING				WHITING				WHITING				WHITING			
Locator	3SB6-25-27				3SB6-70-72				3SB6-100-102				3SB7-10-12			
Collect Date:	18-JAN-93				18-JAN-93				18-JAN-93				27-JAN-93			
	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL
TOTAL PETROLEUM HYDROCARBON																
Total petroleum hydrocarbon	1.8	U	mg/kg	1.8	1.7	U	mg/kg	1.7	2	U	mg/kg	2	1.9	U	mg/kg	1.9

08/04/94 WHITING FIELD SITE 3 - TPH 14:40:49
SOIL BORINGS

Lab Sample Number:	34833007			34834001			34833003			34833004				
Site	WHITING			WHITING			WHITING			WHITING				
Locator	3SB8-10-12			3SB8-15-17			3SB9-1-2			3SB9-5-7				
Collect Date:	08-JAN-93			08-JAN-93			08-JAN-93			08-JAN-93				
	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL
TOTAL PETROLEUM HYDROCARBON																
Total petroleum hydrocarbon	1.9	U	mg/kg	1.9	1.9	U	mg/kg	1.9	11.5		mg/kg		1.9	U	mg/kg	1.9

08/04/94 WHITING FIELD SITE 3 - TPH 14:40:49
SOIL BORINGS

Lab Sample Number:	34833005				34833006				34833001				34833002			
Site	WHITING				WHITING				WHITING				WHITING			
Locator	3SB9-15-17				3SB9-30-32				3SB10-10-12				3SB10-15-17			
Collect Date:	08-JAN-93				08-JAN-93				08-JAN-93				08-JAN-93			
	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL
TOTAL PETROLEUM HYDROCARBON																
Total petroleum hydrocarbon	1.9	U	mg/kg	1.9	1.8	U	mg/kg	1.8	1.9	U	mg/kg	1.9	1.9	U	mg/kg	1.9

SITE 6

08/13/93 WHITING FIELD ANALYTICAL RESULT REPORT 10:13:04
SOIL BORING -- VOLATILES -- VALIDATED RESULTS

Lab Sample Number:	34587002				34587001				34587003			
Site	WHITING				WHITING				WHITING			
Locator	6SB1-15-17				6SB1-5-7				6SB1-20-22			
Collect Date:	04-DEC-92				04-DEC-92				04-DEC-92			
	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL
CLP VOLATILES 90-SOW												
Chloromethane	12	U	ug/kg	12	12	U	ug/kg	12	11	U	ug/kg	11
Bromomethane	12	U	ug/kg	12	12	U	ug/kg	12	11	U	ug/kg	11
Vinyl chloride	12	U	ug/kg	12	12	U	ug/kg	12	11	U	ug/kg	11
Chloroethane	12	U	ug/kg	12	12	U	ug/kg	12	11	U	ug/kg	11
Methylene chloride	12	UJ	ug/kg	12	12	UJ	ug/kg	12	11	UJ	ug/kg	11
Acetone	12	UJ	ug/kg	12	12	U	ug/kg	12	32	UJ	ug/kg	11
Carbon disulfide	12	U	ug/kg	12	12	U	ug/kg	12	11	U	ug/kg	11
1,1-Dichloroethene	12	U	ug/kg	12	12	U	ug/kg	12	11	U	ug/kg	11
1,1-Dichloroethane	12	U	ug/kg	12	12	U	ug/kg	12	11	U	ug/kg	11
1,2-Dichloroethene (total)	12	U	ug/kg	12	12	U	ug/kg	12	11	U	ug/kg	11
Chloroform	12	U	ug/kg	12	12	U	ug/kg	12	11	U	ug/kg	11
1,2-Dichloroethane	12	U	ug/kg	12	12	U	ug/kg	12	11	U	ug/kg	11
2-Butanone	12	U	ug/kg	12	12	U	ug/kg	12	11	U	ug/kg	11
1,1,1-Trichloroethane	12	U	ug/kg	12	12	U	ug/kg	12	11	U	ug/kg	11
Carbon tetrachloride	12	U	ug/kg	12	12	U	ug/kg	12	11	U	ug/kg	11
Bromodichloromethane	12	U	ug/kg	12	12	U	ug/kg	12	11	U	ug/kg	11
1,2-Dichloropropane	12	U	ug/kg	12	12	U	ug/kg	12	11	U	ug/kg	11
cis-1,3-Dichloropropene	12	U	ug/kg	12	12	U	ug/kg	12	11	U	ug/kg	11
Trichloroethene	12	U	ug/kg	12	12	U	ug/kg	12	11	U	ug/kg	11
Dibromochloromethane	12	U	ug/kg	12	12	U	ug/kg	12	11	U	ug/kg	11
1,1,2-Trichloroethane	12	U	ug/kg	12	12	U	ug/kg	12	11	U	ug/kg	11
Benzene	12	U	ug/kg	12	12	U	ug/kg	12	11	U	ug/kg	11
trans-1,3-Dichloropropene	12	U	ug/kg	12	12	U	ug/kg	12	11	U	ug/kg	11
Bromoform	12	U	ug/kg	12	12	U	ug/kg	12	11	U	ug/kg	11
4-Methyl-2-pentanone	12	U	ug/kg	12	12	U	ug/kg	12	11	U	ug/kg	11
2-Hexanone	12	U	ug/kg	12	12	U	ug/kg	12	11	U	ug/kg	11
Tetrachloroethene	12	U	ug/kg	12	12	U	ug/kg	12	11	U	ug/kg	11
Toluene	12	U	ug/kg	12	12	U	ug/kg	12	11	U	ug/kg	11
1,1,2,2-Tetrachloroethane	12	U	ug/kg	12	12	U	ug/kg	12	11	U	ug/kg	11
Chlorobenzene	12	U	ug/kg	12	12	U	ug/kg	12	11	U	ug/kg	11
Ethylbenzene	12	U	ug/kg	12	12	U	ug/kg	12	11	U	ug/kg	11
Styrene	12	U	ug/kg	12	12	U	ug/kg	12	11	U	ug/kg	11
Xylenes (total)	12	U	ug/kg	12	12	U	ug/kg	12	11	U	ug/kg	11

08/13/93 WHITING FIELD ANALYTICAL RESULT REPORT 10:13:55
SOIL BORING -- VOLATILES -- VALIDATED RESULTS

	34587004				34587005				34587006			
Lab Sample Number:												
Site	WHITING				WHITING				WHITING			
Locator	6SB2-0-2				6SB2-15-17				6SB2-20-22			
Collect Date:	04-DEC-92				04-DEC-92				04-DEC-92			
	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL
CLP VOLATILES 90-SOW												
Chloromethane	11	U	ug/kg	11	12	U	ug/kg	12	11	U	ug/kg	11
Bromomethane	11	U	ug/kg	11	12	U	ug/kg	12	11	U	ug/kg	11
Vinyl chloride	11	U	ug/kg	11	12	U	ug/kg	12	11	U	ug/kg	11
Chloroethane	11	U	ug/kg	11	12	U	ug/kg	12	11	U	ug/kg	11
Methylene chloride	11	UJ	ug/kg	11	12	UJ	ug/kg	12	11	UJ	ug/kg	11
Acetone	11	U	ug/kg	11	16	UJ	ug/kg	12	11	UJ	ug/kg	11
Carbon disulfide	11	U	ug/kg	11	12	U	ug/kg	12	11	U	ug/kg	11
1,1-Dichloroethene	11	U	ug/kg	11	12	U	ug/kg	12	11	U	ug/kg	11
1,1-Dichloroethane	11	U	ug/kg	11	12	U	ug/kg	12	11	U	ug/kg	11
1,2-Dichloroethene (total)	11	U	ug/kg	11	12	U	ug/kg	12	11	U	ug/kg	11
Chloroform	11	U	ug/kg	11	12	U	ug/kg	12	11	U	ug/kg	11
1,2-Dichloroethane	11	U	ug/kg	11	12	U	ug/kg	12	11	U	ug/kg	11
2-Butanone	11	U	ug/kg	11	12	U	ug/kg	12	11	U	ug/kg	11
1,1,1-Trichloroethane	11	U	ug/kg	11	12	U	ug/kg	12	11	U	ug/kg	11
Carbon tetrachloride	11	U	ug/kg	11	12	U	ug/kg	12	11	U	ug/kg	11
Bromodichloromethane	11	U	ug/kg	11	12	U	ug/kg	12	11	U	ug/kg	11
1,2-Dichloropropane	11	U	ug/kg	11	12	U	ug/kg	12	11	U	ug/kg	11
cis-1,3-Dichloropropene	11	U	ug/kg	11	12	U	ug/kg	12	11	U	ug/kg	11
Trichloroethene	11	U	ug/kg	11	12	U	ug/kg	12	11	U	ug/kg	11
Dibromochloromethane	11	U	ug/kg	11	12	U	ug/kg	12	11	U	ug/kg	11
1,1,2-Trichloroethane	11	U	ug/kg	11	12	U	ug/kg	12	11	U	ug/kg	11
Benzene	11	U	ug/kg	11	12	U	ug/kg	12	11	U	ug/kg	11
trans-1,3-Dichloropropene	11	U	ug/kg	11	12	U	ug/kg	12	11	U	ug/kg	11
Bromoform	11	U	ug/kg	11	12	U	ug/kg	12	11	U	ug/kg	11
4-Methyl-2-pentanone	11	U	ug/kg	11	12	U	ug/kg	12	11	U	ug/kg	11
2-Hexanone	11	U	ug/kg	11	12	U	ug/kg	12	11	U	ug/kg	11
Tetrachloroethene	11	U	ug/kg	11	12	U	ug/kg	12	11	U	ug/kg	11
Toluene	11	U	ug/kg	11	12	U	ug/kg	12	11	U	ug/kg	11
1,1,2,2-Tetrachloroethane	11	U	ug/kg	11	12	U	ug/kg	12	11	U	ug/kg	11
Chlorobenzene	11	U	ug/kg	11	12	U	ug/kg	12	11	U	ug/kg	11
Ethylbenzene	11	U	ug/kg	11	12	U	ug/kg	12	11	U	ug/kg	11
Styrene	11	U	ug/kg	11	12	U	ug/kg	12	11	U	ug/kg	11
Xylenes (total)	11	U	ug/kg	11	12	U	ug/kg	12	11	U	ug/kg	11

08/13/93 WHITING FIELD ANALYTICAL RESULT REPORT 10:14:48
SOIL BORING -- VOLATILES -- VALIDATED RESULTS

Lab Sample Number:	34597001				34597001				34597002				34597M01			
Site	WHITING				WHITING				WHITING				WHITING			
Locator	6SB3-0-2				6SB3-0-2				6SB3-0-2A				6SB3-0-2-MS			
Collect Date:	05-DEC-92				05-DEC-92				05-DEC-92				05-DEC-92			
	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL
CLP VOLATILES 90-SOW																
Chloromethane	12	U	ug/kg	12	-				12	U	ug/kg	12	12	U	ug/kg	12
Bromomethane	12	U	ug/kg	12	-				12	U	ug/kg	12	12	U	ug/kg	12
Vinyl chloride	12	U	ug/kg	12	-				12	U	ug/kg	12	12	U	ug/kg	12
Chloroethane	12	U	ug/kg	12	-				12	U	ug/kg	12	12	U	ug/kg	12
Methylene chloride	12	UJ	ug/kg	12	-				12	UJ	ug/kg	12	2	J	ug/kg	12
Acetone	12	UJ	ug/kg	12	-				12	UJ	ug/kg	12	12	U	ug/kg	12
Carbon disulfide	12	U	ug/kg	12	-				12	U	ug/kg	12	12	U	ug/kg	12
1,1-Dichloroethene	12	U	ug/kg	12	-				12	U	ug/kg	12	12	U	ug/kg	12
1,1-Dichloroethane	12	U	ug/kg	12	-				12	U	ug/kg	12	12	U	ug/kg	12
1,2-Dichloroethene (total)	12	U	ug/kg	12	-				12	U	ug/kg	12	12	U	ug/kg	12
Chloroform	12	U	ug/kg	12	-				12	U	ug/kg	12	12	U	ug/kg	12
1,2-Dichloroethane	12	U	ug/kg	12	-				12	U	ug/kg	12	12	U	ug/kg	12
2-Butanone	12	U	ug/kg	12	-				12	U	ug/kg	12	12	U	ug/kg	12
1,1,1-Trichloroethane	12	U	ug/kg	12	-				12	U	ug/kg	12	12	U	ug/kg	12
Carbon tetrachloride	12	U	ug/kg	12	-				12	U	ug/kg	12	12	U	ug/kg	12
Bromodichloromethane	12	U	ug/kg	12	-				12	U	ug/kg	12	12	U	ug/kg	12
1,2-Dichloropropane	12	U	ug/kg	12	-				12	U	ug/kg	12	12	U	ug/kg	12
cis-1,3-Dichloropropene	12	U	ug/kg	12	-				12	U	ug/kg	12	12	U	ug/kg	12
Trichloroethene	12	U	ug/kg	12	-				12	U	ug/kg	12	12	U	ug/kg	12
Dibromochloromethane	12	U	ug/kg	12	-				12	U	ug/kg	12	12	U	ug/kg	12
1,1,2-Trichloroethane	12	U	ug/kg	12	-				12	U	ug/kg	12	12	U	ug/kg	12
Benzene	12	U	ug/kg	12	-				12	U	ug/kg	12	12	U	ug/kg	12
trans-1,3-Dichloropropene	12	U	ug/kg	12	-				12	U	ug/kg	12	12	U	ug/kg	12
Bromoform	12	U	ug/kg	12	-				12	U	ug/kg	12	12	U	ug/kg	12
4-Methyl-2-pentanone	12	U	ug/kg	12	-				12	U	ug/kg	12	12	U	ug/kg	12
2-Hexanone	12	U	ug/kg	12	-				12	U	ug/kg	12	12	U	ug/kg	12
Tetrachloroethene	12	U	ug/kg	12	-				12	U	ug/kg	12	12	U	ug/kg	12
Toluene	12	U	ug/kg	12	-				12	U	ug/kg	12	12	U	ug/kg	12
1,1,2,2-Tetrachloroethane	12	U	ug/kg	12	-				12	U	ug/kg	12	12	U	ug/kg	12
Chlorobenzene	12	U	ug/kg	12	-				12	U	ug/kg	12	12	U	ug/kg	12
Ethylbenzene	12	U	ug/kg	12	-				12	U	ug/kg	12	12	U	ug/kg	12
Styrene	12	U	ug/kg	12	-				12	U	ug/kg	12	12	U	ug/kg	12
Xylenes (total)	12	U	ug/kg	12	-				12	U	ug/kg	12	12	U	ug/kg	12

08/13/93 WHITING FIELD ANALYTICAL RESULT REPORT 10:14:48
SOIL BORING -- VOLATILES -- VALIDATED RESULTS

Lab Sample Number:	34597D01				34595001				34595002				34595003					
Site	WHITING				WHITING				WHITING				WHITING					
Locator	6SB3-0-2-MSD				6SB3-5-7				6SB3-10-12				6SB3-15-17					
Collect Date:	05-DEC-92				05-DEC-92				05-DEC-92				05-DEC-92					
	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL		
CLP VOLATILES 90-SOW																		
Chloromethane	12	U	ug/kg	12	11	U	ug/kg	11	11	U	ug/kg	11	11	U	ug/kg	11		
Bromomethane	12	U	ug/kg	12	11	U	ug/kg	11	11	U	ug/kg	11	11	U	ug/kg	11		
Vinyl chloride	12	U	ug/kg	12	11	U	ug/kg	11	11	U	ug/kg	11	11	U	ug/kg	11		
Chloroethane	12	U	ug/kg	12	11	U	ug/kg	11	11	U	ug/kg	11	11	U	ug/kg	11		
Methylene chloride	2	J	ug/kg	12	11	UJ	ug/kg	11	11	UJ	ug/kg	11	11	UJ	ug/kg	11		
Acetone	5	J	ug/kg	12	11	U	ug/kg	11	11	U	ug/kg	11	11	U	ug/kg	11		
Carbon disulfide	12	U	ug/kg	12	11	U	ug/kg	11	11	U	ug/kg	11	11	U	ug/kg	11		
1,1-Dichloroethene	12	U	ug/kg	12	11	U	ug/kg	11	11	U	ug/kg	11	11	U	ug/kg	11		
1,1-Dichloroethane	12	U	ug/kg	12	11	U	ug/kg	11	11	U	ug/kg	11	11	U	ug/kg	11		
1,2-Dichloroethene (total)	12	U	ug/kg	12	11	U	ug/kg	11	11	U	ug/kg	11	11	U	ug/kg	11		
Chloroform	12	U	ug/kg	12	11	U	ug/kg	11	11	U	ug/kg	11	11	U	ug/kg	11		
1,2-Dichloroethane	12	U	ug/kg	12	11	U	ug/kg	11	11	U	ug/kg	11	11	U	ug/kg	11		
2-Butanone	12	U	ug/kg	12	11	U	ug/kg	11	11	U	ug/kg	11	11	U	ug/kg	11		
1,1,1-Trichloroethane	12	U	ug/kg	12	11	U	ug/kg	11	11	U	ug/kg	11	11	U	ug/kg	11		
Carbon tetrachloride	12	U	ug/kg	12	11	U	ug/kg	11	11	U	ug/kg	11	11	U	ug/kg	11		
Bromodichloromethane	12	U	ug/kg	12	11	U	ug/kg	11	11	U	ug/kg	11	11	U	ug/kg	11		
1,2-Dichloropropane	12	U	ug/kg	12	11	U	ug/kg	11	11	U	ug/kg	11	11	U	ug/kg	11		
cis-1,3-Dichloropropene	12	U	ug/kg	12	11	U	ug/kg	11	11	U	ug/kg	11	11	U	ug/kg	11		
Trichloroethene	12	U	ug/kg	12	11	U	ug/kg	11	11	U	ug/kg	11	11	U	ug/kg	11		
Dibromochloromethane	12	U	ug/kg	12	11	U	ug/kg	11	11	U	ug/kg	11	11	U	ug/kg	11		
1,1,2-Trichloroethane	12	U	ug/kg	12	11	U	ug/kg	11	11	U	ug/kg	11	11	U	ug/kg	11		
Benzene	12	U	ug/kg	12	11	U	ug/kg	11	11	U	ug/kg	11	11	U	ug/kg	11		
trans-1,3-Dichloropropene	12	U	ug/kg	12	11	U	ug/kg	11	11	U	ug/kg	11	11	U	ug/kg	11		
Bromoform	12	U	ug/kg	12	11	U	ug/kg	11	11	U	ug/kg	11	11	U	ug/kg	11		
4-Methyl-2-pentanone	12	U	ug/kg	12	11	U	ug/kg	11	11	U	ug/kg	11	11	U	ug/kg	11		
2-Hexanone	12	U	ug/kg	12	11	U	ug/kg	11	11	U	ug/kg	11	11	U	ug/kg	11		
Tetrachloroethene	12	U	ug/kg	12	11	U	ug/kg	11	11	U	ug/kg	11	11	U	ug/kg	11		
Toluene	12	U	ug/kg	12	11	U	ug/kg	11	11	U	ug/kg	11	11	U	ug/kg	11		
1,1,2,2-Tetrachloroethane	12	U	ug/kg	12	11	U	ug/kg	11	11	U	ug/kg	11	11	U	ug/kg	11		
Chlorobenzene	12	U	ug/kg	12	11	U	ug/kg	11	11	U	ug/kg	11	11	U	ug/kg	11		
Ethylbenzene	12	U	ug/kg	12	11	U	ug/kg	11	11	U	ug/kg	11	11	U	ug/kg	11		
Styrene	12	U	ug/kg	12	11	U	ug/kg	11	11	U	ug/kg	11	11	U	ug/kg	11		
Xylenes (total)	12	U	ug/kg	12	11	U	ug/kg	11	11	U	ug/kg	11	11	U	ug/kg	11		

08/13/93 WHITING FIELD ANALYTICAL RESULT REPORT 10:14:48
SOIL BORING -- VOLATILES -- VALIDATED RESULTS

Lab Sample Number:	34595004				34595005				34595008			
Site	WHITING				WHITING				WHITING			
Locator	6SB3-25-27				6SB3-60-62				6SB3-117-119			
Collect Date:	05-DEC-92				05-DEC-92				05-DEC-92			
	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL
CLP VOLATILES 90-SOW												
Chloromethane	10	U	ug/kg	10	12	U	ug/kg	12	12	U	ug/kg	12
Bromomethane	10	U	ug/kg	10	12	U	ug/kg	12	12	U	ug/kg	12
Vinyl chloride	10	U	ug/kg	10	12	U	ug/kg	12	12	U	ug/kg	12
Chloroethane	10	U	ug/kg	10	12	U	ug/kg	12	12	U	ug/kg	12
Methylene chloride	10	UJ	ug/kg	10	12	UJ	ug/kg	12	12	UJ	ug/kg	12
Acetone	10	UJ	ug/kg	10	12	UJ	ug/kg	12	12	U	ug/kg	12
Carbon disulfide	10	U	ug/kg	10	12	U	ug/kg	12	12	U	ug/kg	12
1,1-Dichloroethene	10	U	ug/kg	10	12	U	ug/kg	12	2	J	ug/kg	12
1,1-Dichloroethane	10	U	ug/kg	10	12	U	ug/kg	12	12	U	ug/kg	12
1,2-Dichloroethene (total)	10	U	ug/kg	10	12	U	ug/kg	12	2	J	ug/kg	12
Chloroform	10	U	ug/kg	10	12	U	ug/kg	12	12	U	ug/kg	12
1,2-Dichloroethane	10	U	ug/kg	10	12	U	ug/kg	12	12	U	ug/kg	12
2-Butanone	10	U	ug/kg	10	12	U	ug/kg	12	12	U	ug/kg	12
1,1,1-Trichloroethane	10	U	ug/kg	10	12	U	ug/kg	12	12	U	ug/kg	12
Carbon tetrachloride	10	U	ug/kg	10	12	U	ug/kg	12	12	U	ug/kg	12
Bromodichloromethane	10	U	ug/kg	10	12	U	ug/kg	12	12	U	ug/kg	12
1,2-Dichloropropane	10	U	ug/kg	10	12	U	ug/kg	12	12	U	ug/kg	12
cis-1,3-Dichloropropene	10	U	ug/kg	10	12	U	ug/kg	12	12	U	ug/kg	12
Trichloroethene	10	U	ug/kg	10	12	U	ug/kg	12	73		ug/kg	12
Dibromochloromethane	10	U	ug/kg	10	12	U	ug/kg	12	12	U	ug/kg	12
1,1,2-Trichloroethane	10	U	ug/kg	10	12	U	ug/kg	12	12	U	ug/kg	12
Benzene	10	U	ug/kg	10	12	U	ug/kg	12	12	U	ug/kg	12
trans-1,3-Dichloropropene	10	U	ug/kg	10	12	U	ug/kg	12	12	U	ug/kg	12
Bromoform	10	U	ug/kg	10	12	U	ug/kg	12	12	U	ug/kg	12
4-Methyl-2-pentanone	10	U	ug/kg	10	12	U	ug/kg	12	12	U	ug/kg	12
2-Hexanone	10	U	ug/kg	10	12	U	ug/kg	12	12	U	ug/kg	12
Tetrachloroethene	10	U	ug/kg	10	12	U	ug/kg	12	12	U	ug/kg	12
Toluene	10	U	ug/kg	10	12	U	ug/kg	12	12	U	ug/kg	12
1,1,2,2-Tetrachloroethane	10	U	ug/kg	10	12	U	ug/kg	12	12	U	ug/kg	12
Chlorobenzene	10	U	ug/kg	10	12	U	ug/kg	12	12	U	ug/kg	12
Ethylbenzene	10	U	ug/kg	10	12	U	ug/kg	12	12	U	ug/kg	12
Styrene	10	U	ug/kg	10	12	U	ug/kg	12	12	U	ug/kg	12
Xylenes (total)	10	U	ug/kg	10	12	U	ug/kg	12	12	U	ug/kg	12

08/13/93 WHITING FIELD ANAL..ICAL RESULT REPORT 10:16:34
SOIL BORING -- VOLATILES -- VALIDATED RESULTS

Lab Sample Number:	34587007				34587008				34587009				34587010			
Site	WHITING				WHITING				WHITING				WHITING			
Locator	6SB4-0-2				6SB4-5-7				6SB4-10-12				6SB4-20-22			
Collect Date:	04-DEC-92				04-DEC-92				04-DEC-92				04-DEC-92			
	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL
CLP VOLATILES 90-SOW																
Chloromethane	12	U	ug/kg	12	11	U	ug/kg	11	12	U	ug/kg	12	11	U	ug/kg	11
Bromomethane	12	U	ug/kg	12	11	U	ug/kg	11	12	U	ug/kg	12	11	U	ug/kg	11
Vinyl chloride	12	U	ug/kg	12	11	U	ug/kg	11	12	U	ug/kg	12	11	U	ug/kg	11
Chloroethane	12	U	ug/kg	12	11	U	ug/kg	11	12	U	ug/kg	12	11	U	ug/kg	11
Methylene chloride	12	UJ	ug/kg	12	11	UJ	ug/kg	11	12	UJ	ug/kg	12	11	UJ	ug/kg	11
Acetone	21	UJ	ug/kg	12	11	UJ	ug/kg	11	12	UJ	ug/kg	12	14	UJ	ug/kg	11
Carbon disulfide	12	U	ug/kg	12	11	U	ug/kg	11	12	U	ug/kg	12	11	U	ug/kg	11
1,1-Dichloroethene	12	U	ug/kg	12	11	U	ug/kg	11	12	U	ug/kg	12	11	U	ug/kg	11
1,1-Dichloroethane	12	U	ug/kg	12	11	U	ug/kg	11	12	U	ug/kg	12	11	U	ug/kg	11
1,2-Dichloroethene (total)	12	U	ug/kg	12	11	U	ug/kg	11	12	U	ug/kg	12	11	U	ug/kg	11
Chloroform	12	U	ug/kg	12	11	U	ug/kg	11	12	U	ug/kg	12	11	U	ug/kg	11
1,2-Dichloroethane	12	U	ug/kg	12	11	U	ug/kg	11	12	U	ug/kg	12	11	U	ug/kg	11
2-Butanone	4	J	ug/kg	12	11	U	ug/kg	11	12	U	ug/kg	12	11	U	ug/kg	11
1,1,1-Trichloroethane	12	U	ug/kg	12	11	U	ug/kg	11	12	U	ug/kg	12	11	U	ug/kg	11
Carbon tetrachloride	12	U	ug/kg	12	11	U	ug/kg	11	12	U	ug/kg	12	11	U	ug/kg	11
Bromodichloromethane	12	U	ug/kg	12	11	U	ug/kg	11	12	U	ug/kg	12	11	U	ug/kg	11
1,2-Dichloropropane	12	U	ug/kg	12	11	U	ug/kg	11	12	U	ug/kg	12	11	U	ug/kg	11
cis-1,3-Dichloropropene	12	U	ug/kg	12	11	U	ug/kg	11	12	U	ug/kg	12	11	U	ug/kg	11
Trichloroethene	12	U	ug/kg	12	11	U	ug/kg	11	12	U	ug/kg	12	11	U	ug/kg	11
Dibromochloromethane	12	U	ug/kg	12	11	U	ug/kg	11	12	U	ug/kg	12	11	U	ug/kg	11
1,1,2-Trichloroethane	12	U	ug/kg	12	11	U	ug/kg	11	12	U	ug/kg	12	11	U	ug/kg	11
Benzene	12	U	ug/kg	12	11	U	ug/kg	11	12	U	ug/kg	12	11	U	ug/kg	11
trans-1,3-Dichloropropene	12	U	ug/kg	12	11	U	ug/kg	11	12	U	ug/kg	12	11	U	ug/kg	11
Bromoform	12	U	ug/kg	12	11	U	ug/kg	11	12	U	ug/kg	12	11	U	ug/kg	11
4-Methyl-2-pentanone	12	U	ug/kg	12	11	U	ug/kg	11	12	U	ug/kg	12	11	U	ug/kg	11
2-Hexanone	12	U	ug/kg	12	11	U	ug/kg	11	12	U	ug/kg	12	11	U	ug/kg	11
Tetrachloroethene	12	U	ug/kg	12	11	U	ug/kg	11	12	U	ug/kg	12	11	U	ug/kg	11
Toluene	12	U	ug/kg	12	11	U	ug/kg	11	12	U	ug/kg	12	11	U	ug/kg	11
1,1,2,2-Tetrachloroethane	12	U	ug/kg	12	11	U	ug/kg	11	12	U	ug/kg	12	11	U	ug/kg	11
Chlorobenzene	12	U	ug/kg	12	11	U	ug/kg	11	12	U	ug/kg	12	11	U	ug/kg	11
Ethylbenzene	12	U	ug/kg	12	11	U	ug/kg	11	12	U	ug/kg	12	11	U	ug/kg	11
Styrene	12	U	ug/kg	12	11	U	ug/kg	11	12	U	ug/kg	12	11	U	ug/kg	11
Xylenes (total)	12	U	ug/kg	12	11	U	ug/kg	11	12	U	ug/kg	12	11	U	ug/kg	11

08/13/93 WHITING FIELD ANALYTICAL RESULT REPORT 10:17:46
SOIL BORING -- VOLATILES -- VALIDATED RESULTS

Lab Sample Number:	34587012				34595006				34587011				34595007			
Site	WHITING				WHITING				WHITING				WHITING			
Locator	6SBRB04				6SBRB5				6SBTB4				6SBTB5			
Collect Date:	04-DEC-92				05-DEC-92				04-DEC-92				05-DEC-92			
	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL
CLP VOLATILES 90-SOW																
Chloromethane	10	U	ug/l	10	10	U	ug/l	10	10	U	ug/l	10	10	U	ug/l	10
Bromomethane	10	U	ug/l	10	10	U	ug/l	10	10	U	ug/l	10	10	U	ug/l	10
Vinyl chloride	10	U	ug/l	10	10	U	ug/l	10	10	U	ug/l	10	10	U	ug/l	10
Chloroethane	10	U	ug/l	10	10	U	ug/l	10	10	U	ug/l	10	10	U	ug/l	10
Methylene chloride	2	J	ug/l	10	3	J	ug/l	10	10	U	ug/l	10	2	J	ug/l	10
Acetone	10	U	ug/l	10	3	J	ug/l	10	4	J	ug/l	10	10	U	ug/l	10
Carbon disulfide	10	U	ug/l	10	10	U	ug/l	10	10	U	ug/l	10	10	U	ug/l	10
1,1-Dichloroethene	10	U	ug/l	10	10	U	ug/l	10	10	U	ug/l	10	10	U	ug/l	10
1,1-Dichloroethane	10	U	ug/l	10	10	U	ug/l	10	10	U	ug/l	10	10	U	ug/l	10
1,2-Dichloroethene (total)	10	U	ug/l	10	10	U	ug/l	10	10	U	ug/l	10	10	U	ug/l	10
Chloroform	10	U	ug/l	10	10	U	ug/l	10	10	U	ug/l	10	10	U	ug/l	10
1,2-Dichloroethane	10	U	ug/l	10	10	U	ug/l	10	10	U	ug/l	10	10	U	ug/l	10
2-Butanone	10	U	ug/l	10	10	U	ug/l	10	10	U	ug/l	10	10	U	ug/l	10
1,1,1-Trichloroethane	10	U	ug/l	10	10	U	ug/l	10	10	U	ug/l	10	10	U	ug/l	10
Carbon tetrachloride	10	U	ug/l	10	10	U	ug/l	10	10	U	ug/l	10	10	U	ug/l	10
Bromodichloromethane	10	U	ug/l	10	10	U	ug/l	10	10	U	ug/l	10	10	U	ug/l	10
1,2-Dichloropropane	10	U	ug/l	10	10	U	ug/l	10	10	U	ug/l	10	10	U	ug/l	10
cis-1,3-Dichloropropene	10	U	ug/l	10	10	U	ug/l	10	10	U	ug/l	10	10	U	ug/l	10
Trichloroethene	10	U	ug/l	10	10	U	ug/l	10	10	U	ug/l	10	10	U	ug/l	10
Dibromochloromethane	10	U	ug/l	10	10	U	ug/l	10	10	U	ug/l	10	10	U	ug/l	10
1,1,2-Trichloroethane	10	U	ug/l	10	10	U	ug/l	10	10	U	ug/l	10	10	U	ug/l	10
Benzene	10	U	ug/l	10	10	U	ug/l	10	10	U	ug/l	10	10	U	ug/l	10
trans-1,3-Dichloropropene	10	U	ug/l	10	10	U	ug/l	10	10	U	ug/l	10	10	U	ug/l	10
Bromoform	10	U	ug/l	10	10	U	ug/l	10	10	U	ug/l	10	10	U	ug/l	10
4-Methyl-2-pentanone	10	U	ug/l	10	10	U	ug/l	10	10	U	ug/l	10	10	U	ug/l	10
2-Hexanone	10	U	ug/l	10	10	U	ug/l	10	10	U	ug/l	10	10	U	ug/l	10
Tetrachloroethene	10	U	ug/l	10	10	U	ug/l	10	10	U	ug/l	10	10	U	ug/l	10
Toluene	10	U	ug/l	10	10	U	ug/l	10	10	U	ug/l	10	10	U	ug/l	10
1,1,2,2-Tetrachloroethane	10	U	ug/l	10	10	U	ug/l	10	10	U	ug/l	10	10	U	ug/l	10
Chlorobenzene	10	U	ug/l	10	10	U	ug/l	10	10	U	ug/l	10	10	U	ug/l	10
Ethylbenzene	10	U	ug/l	10	10	U	ug/l	10	10	U	ug/l	10	10	U	ug/l	10
Styrene	10	U	ug/l	10	10	U	ug/l	10	10	U	ug/l	10	10	U	ug/l	10
Xylenes (total)	10	U	ug/l	10	10	U	ug/l	10	10	U	ug/l	10	10	U	ug/l	10

SOIL BORING -- SEMIVOLATILES -- VALIDATED RESULTS

	34587002				34587001				34587003			
Lab Sample Number:												
Site	WHITING				WHITING				WHITING			
Locator	6SB1-15-17				6SB1-5-7				6SB1-20-22			
Collect Date:	04-DEC-92				04-DEC-92				04-DEC-92			
	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL
CLP SEMIVOLATILES 90-SOW												
Phenol	380	U	ug/kg	380	390	U	ug/kg	390	350	U	ug/kg	350
bis(2-Chloroethyl) ether	380	U	ug/kg	380	390	U	ug/kg	390	350	U	ug/kg	350
2-Chlorophenol	380	U	ug/kg	380	390	U	ug/kg	390	350	U	ug/kg	350
1,3-Dichlorobenzene	380	U	ug/kg	380	390	U	ug/kg	390	350	U	ug/kg	350
1,4-Dichlorobenzene	380	U	ug/kg	380	390	U	ug/kg	390	350	U	ug/kg	350
1,2-Dichlorobenzene	380	U	ug/kg	380	390	U	ug/kg	390	350	U	ug/kg	350
2-Methylphenol	380	U	ug/kg	380	390	U	ug/kg	390	350	U	ug/kg	350
2,2-oxybis(1-Chloropropane)	380	U	ug/kg	380	390	U	ug/kg	390	350	U	ug/kg	350
4-Methylphenol	380	U	ug/kg	380	390	U	ug/kg	390	350	U	ug/kg	350
N-Nitroso-di-n-propylamine	380	U	ug/kg	380	390	U	ug/kg	390	350	U	ug/kg	350
Hexachloroethane	380	U	ug/kg	380	390	U	ug/kg	390	350	U	ug/kg	350
Nitrobenzene	380	U	ug/kg	380	390	U	ug/kg	390	350	U	ug/kg	350
Isophorone	380	U	ug/kg	380	390	U	ug/kg	390	350	U	ug/kg	350
2-Nitrophenol	380	U	ug/kg	380	390	U	ug/kg	390	350	U	ug/kg	350
2,4-Dimethylphenol	380	U	ug/kg	380	390	U	ug/kg	390	350	U	ug/kg	350
bis(2-Chloroethoxy) methane	380	U	ug/kg	380	390	U	ug/kg	390	350	U	ug/kg	350
2,4-Dichlorophenol	380	U	ug/kg	380	390	U	ug/kg	390	350	U	ug/kg	350
1,2,4-Trichlorobenzene	380	U	ug/kg	380	390	U	ug/kg	390	350	U	ug/kg	350
Naphthalene	380	U	ug/kg	380	390	U	ug/kg	390	350	U	ug/kg	350
4-Chloroaniline	380	UJ	ug/kg	380	390	UJ	ug/kg	390	350	UJ	ug/kg	350
Hexachlorobutadiene	380	UJ	ug/kg	380	390	UJ	ug/kg	390	350	UJ	ug/kg	350
4-Chloro-3-methylphenol	380	U	ug/kg	380	390	U	ug/kg	390	350	U	ug/kg	350
2-Methylnaphthalene	380	U	ug/kg	380	390	U	ug/kg	390	350	U	ug/kg	350
Hexachlorocyclopentadiene	380	U	ug/kg	380	390	U	ug/kg	390	350	U	ug/kg	350
2,4,6-Trichlorophenol	380	UJ	ug/kg	380	390	UJ	ug/kg	390	350	UJ	ug/kg	350
2,4,5-Trichlorophenol	930	U	ug/kg	930	940	U	ug/kg	940	860	U	ug/kg	860
2-Chloronaphthalene	380	U	ug/kg	380	390	U	ug/kg	390	350	U	ug/kg	350
2-Nitroaniline	930	U	ug/kg	930	940	U	ug/kg	940	860	U	ug/kg	860
Dimethylphthalate	380	U	ug/kg	380	390	U	ug/kg	390	350	U	ug/kg	350
Acenaphthylene	380	U	ug/kg	380	390	U	ug/kg	390	350	U	ug/kg	350
2,6-Dinitrotoluene	380	U	ug/kg	380	390	U	ug/kg	390	350	U	ug/kg	350
3-Nitroaniline	930	UJ	ug/kg	930	940	UJ	ug/kg	940	860	UJ	ug/kg	860
Acenaphthene	380	U	ug/kg	380	390	U	ug/kg	390	350	U	ug/kg	350
2,4-Dinitrophenol	930	U	ug/kg	930	940	U	ug/kg	940	860	U	ug/kg	860
4-Nitrophenol	930	U	ug/kg	930	940	U	ug/kg	940	860	U	ug/kg	860
Dibenzofuran	380	U	ug/kg	380	390	U	ug/kg	390	350	U	ug/kg	350
2,4-Dinitrotoluene	380	U	ug/kg	380	390	U	ug/kg	390	350	U	ug/kg	350
Diethylphthalate	380	U	ug/kg	380	390	U	ug/kg	390	350	U	ug/kg	350
4-Chlorophenyl-phenylether	380	U	ug/kg	380	390	U	ug/kg	390	350	U	ug/kg	350
Fluorene	380	U	ug/kg	380	390	U	ug/kg	390	350	U	ug/kg	350
4-Nitroaniline	930	UJ	ug/kg	930	940	UJ	ug/kg	940	860	UJ	ug/kg	860
4,6-Dinitro-2-methylphenol	930	U	ug/kg	930	940	U	ug/kg	940	860	U	ug/kg	860
N-Nitrosodiphenylamine (1)	380	U	ug/kg	380	390	U	ug/kg	390	350	U	ug/kg	350
4-Bromophenyl-phenylether	380	UJ	ug/kg	380	390	UJ	ug/kg	390	350	UJ	ug/kg	350
Hexachlorobenzene	380	UJ	ug/kg	380	390	UJ	ug/kg	390	350	UJ	ug/kg	350
Pentachlorophenol	930	U	ug/kg	930	940	U	ug/kg	940	860	U	ug/kg	860
Phenanthrene	380	U	ug/kg	380	390	U	ug/kg	390	350	U	ug/kg	350
Anthracene	380	U	ug/kg	380	390	U	ug/kg	390	350	U	ug/kg	350
Carbazole	380	U	ug/kg	380	390	U	ug/kg	390	350	U	ug/kg	350
Di-n-butylphthalate	380	U	ug/kg	380	390	U	ug/kg	390	350	U	ug/kg	350
Fluoranthene	380	U	ug/kg	380	390	U	ug/kg	390	350	U	ug/kg	350
Pyrene	380	U	ug/kg	380	390	U	ug/kg	390	350	U	ug/kg	350
Butylbenzylphthalate	380	U	ug/kg	380	390	U	ug/kg	390	350	U	ug/kg	350

SOIL BORING -- SEMIVOLATILES -- VALIDATED RESULTS

Lab Sample Number:	34587002				34587001				34587003				
Site	WHITING				WHITING				WHITING				
Locator	6SB1-15-17				6SB1-5-7				6SB1-20-22				
Collect Date:	04-DEC-92				04-DEC-92				04-DEC-92				
	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL
3,3-Dichlorobenzidine	380	UJ	ug/kg	380	390	UJ	ug/kg	390	350	UJ	ug/kg	350
Benzo (a) anthracene	380	U	ug/kg	380	390	U	ug/kg	390	350	U	ug/kg	350
Chrysene	380	U	ug/kg	380	390	U	ug/kg	390	350	U	ug/kg	350
bis(2-Ethylhexyl) phthalate	380	U	ug/kg	380	54	J	ug/kg	390	350	U	ug/kg	350
Di-n-octylphthalate	380	U	ug/kg	380	390	U	ug/kg	390	350	U	ug/kg	350
Benzo (b) fluoranthene	380	U	ug/kg	380	390	U	ug/kg	390	350	U	ug/kg	350
Benzo (k) fluoranthene	380	U	ug/kg	380	390	U	ug/kg	390	350	U	ug/kg	350
Benzo (a) pyrene	380	U	ug/kg	380	390	U	ug/kg	390	350	U	ug/kg	350
Indeno (1,2,3-cd) pyrene	380	U	ug/kg	380	390	U	ug/kg	390	350	U	ug/kg	350
Dibenz (a,h) anthracene	380	U	ug/kg	380	390	U	ug/kg	390	350	U	ug/kg	350
Benzo (g,h,i) perylene	380	U	ug/kg	380	390	U	ug/kg	390	350	U	ug/kg	350

	34587004				34587005				34587006			
Lab Sample Number:												
Site	WHITING				WHITING				WHITING			
Locator	6SB2-0-2				6SB2-15-17				6SB2-20-22			
Collect Date:	04-DEC-92				04-DEC-92				04-DEC-92			
	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL
CLP SEMIVOLATILES 90-SOW												
Phenol	370	U	ug/kg	370	390	U	ug/kg	390	350	U	ug/kg	350
bis(2-Chloroethyl) ether	370	U	ug/kg	370	390	U	ug/kg	390	350	U	ug/kg	350
2-Chlorophenol	370	U	ug/kg	370	390	U	ug/kg	390	350	U	ug/kg	350
1,3-Dichlorobenzene	370	U	ug/kg	370	390	U	ug/kg	390	350	U	ug/kg	350
1,4-Dichlorobenzene	370	U	ug/kg	370	390	U	ug/kg	390	350	U	ug/kg	350
1,2-Dichlorobenzene	370	U	ug/kg	370	390	U	ug/kg	390	350	U	ug/kg	350
2-Methylphenol	370	U	ug/kg	370	390	U	ug/kg	390	350	U	ug/kg	350
2,2-oxybis(1-Chloropropane)	370	U	ug/kg	370	390	U	ug/kg	390	350	U	ug/kg	350
4-Methylphenol	370	U	ug/kg	370	390	U	ug/kg	390	350	U	ug/kg	350
N-Nitroso-di-n-propylamine	370	U	ug/kg	370	390	U	ug/kg	390	350	U	ug/kg	350
Hexachloroethane	370	U	ug/kg	370	390	U	ug/kg	390	350	U	ug/kg	350
Nitrobenzene	370	U	ug/kg	370	390	U	ug/kg	390	350	U	ug/kg	350
Isophorone	370	U	ug/kg	370	390	U	ug/kg	390	350	U	ug/kg	350
2-Nitrophenol	370	U	ug/kg	370	390	U	ug/kg	390	350	U	ug/kg	350
2,4-Dimethylphenol	370	U	ug/kg	370	390	U	ug/kg	390	350	U	ug/kg	350
bis(2-Chloroethoxy) methane	370	U	ug/kg	370	390	U	ug/kg	390	350	U	ug/kg	350
2,4-Dichlorophenol	370	U	ug/kg	370	390	U	ug/kg	390	350	U	ug/kg	350
1,2,4-Trichlorobenzene	370	U	ug/kg	370	390	U	ug/kg	390	350	U	ug/kg	350
Naphthalene	370	U	ug/kg	370	390	U	ug/kg	390	350	U	ug/kg	350
4-Chloroaniline	370	UJ	ug/kg	370	390	UJ	ug/kg	390	350	UJ	ug/kg	350
Hexachlorobutadiene	370	UJ	ug/kg	370	390	UJ	ug/kg	390	350	UJ	ug/kg	350
4-Chloro-3-methylphenol	370	U	ug/kg	370	390	U	ug/kg	390	350	U	ug/kg	350
2-Methylnaphthalene	370	U	ug/kg	370	390	U	ug/kg	390	350	U	ug/kg	350
Hexachlorocyclopentadiene	370	U	ug/kg	370	390	U	ug/kg	390	350	U	ug/kg	350
2,4,6-Trichlorophenol	370	UJ	ug/kg	370	390	UJ	ug/kg	390	350	UJ	ug/kg	350
2,4,5-Trichlorophenol	900	U	ug/kg	900	950	U	ug/kg	950	850	U	ug/kg	850
2-Chloronaphthalene	370	U	ug/kg	370	390	U	ug/kg	390	350	U	ug/kg	350
2-Nitroaniline	900	U	ug/kg	900	950	U	ug/kg	950	850	U	ug/kg	850
Dimethylphthalate	370	U	ug/kg	370	390	U	ug/kg	390	350	U	ug/kg	350
Acenaphthylene	370	U	ug/kg	370	390	U	ug/kg	390	350	U	ug/kg	350
2,6-Dinitrotoluene	370	U	ug/kg	370	390	U	ug/kg	390	350	U	ug/kg	350
3-Nitroaniline	900	UJ	ug/kg	900	950	UJ	ug/kg	950	850	UJ	ug/kg	850
Acenaphthene	370	U	ug/kg	370	390	U	ug/kg	390	350	U	ug/kg	350
2,4-Dinitrophenol	900	U	ug/kg	900	950	U	ug/kg	950	850	U	ug/kg	850
4-Nitrophenol	900	U	ug/kg	900	950	U	ug/kg	950	850	U	ug/kg	850
Dibenzofuran	370	U	ug/kg	370	390	U	ug/kg	390	350	U	ug/kg	350
2,4-Dinitrotoluene	370	U	ug/kg	370	390	U	ug/kg	390	350	U	ug/kg	350
Diethylphthalate	370	U	ug/kg	370	390	U	ug/kg	390	350	U	ug/kg	350
4-Chlorophenyl-phenylether	370	U	ug/kg	370	390	U	ug/kg	390	350	U	ug/kg	350
Fluorene	370	U	ug/kg	370	390	U	ug/kg	390	350	U	ug/kg	350
4-Nitroaniline	900	UJ	ug/kg	900	950	UJ	ug/kg	950	850	UJ	ug/kg	850
4,6-Dinitro-2-methylphenol	900	U	ug/kg	900	950	U	ug/kg	950	850	U	ug/kg	850
N-Nitrosodiphenylamine (1)	370	U	ug/kg	370	390	U	ug/kg	390	350	U	ug/kg	350
4-Bromophenyl-phenylether	370	UJ	ug/kg	370	390	UJ	ug/kg	390	350	UJ	ug/kg	350
Hexachlorobenzene	370	UJ	ug/kg	370	390	UJ	ug/kg	390	350	UJ	ug/kg	350
Pentachlorophenol	900	U	ug/kg	900	950	U	ug/kg	950	850	U	ug/kg	850
Phenanthrene	370	U	ug/kg	370	390	U	ug/kg	390	350	U	ug/kg	350
Anthracene	370	U	ug/kg	370	390	U	ug/kg	390	350	U	ug/kg	350
Carbazole	370	U	ug/kg	370	390	U	ug/kg	390	350	U	ug/kg	350
Di-n-butylphthalate	370	U	ug/kg	370	390	U	ug/kg	390	350	U	ug/kg	350
Fluoranthene	370	U	ug/kg	370	390	U	ug/kg	390	350	U	ug/kg	350
Pyrene	370	U	ug/kg	370	390	U	ug/kg	390	350	U	ug/kg	350
Butylbenzylphthalate	370	U	ug/kg	370	390	U	ug/kg	390	350	U	ug/kg	350

08/10/93 WHITING FIELD ANALYTICAL RESULT REPORT 16:45:54
SOIL BORING -- SEMIVOLATILES -- VALIDATED RESULTS

Lab Sample Number:	34587004				34587005				34587006			
Site	WHITING				WHITING				WHITING			
Locator	6SB2-0-2				6SB2-15-17				6SB2-20-22			
Collect Date:	04-DEC-92				04-DEC-92				04-DEC-92			
	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL
3,3-Dichlorobenzidine	370	UJ	ug/kg	370	390	UJ	ug/kg	390	350	UJ	ug/kg	350
Benzo (a) anthracene	370	U	ug/kg	370	390	U	ug/kg	390	350	U	ug/kg	350
Chrysene	370	U	ug/kg	370	390	U	ug/kg	390	350	U	ug/kg	350
bis(2-Ethylhexyl) phthalate	370	U	ug/kg	370	390	U	ug/kg	390	350	U	ug/kg	350
Di-n-octylphthalate	370	U	ug/kg	370	390	U	ug/kg	390	350	U	ug/kg	350
Benzo (b) fluoranthene	370	U	ug/kg	370	390	U	ug/kg	390	350	U	ug/kg	350
Benzo (k) fluoranthene	370	U	ug/kg	370	390	U	ug/kg	390	350	U	ug/kg	350
Benzo (a) pyrene	370	U	ug/kg	370	390	U	ug/kg	390	350	U	ug/kg	350
Indeno (1,2,3-cd) pyrene	370	U	ug/kg	370	390	U	ug/kg	390	350	U	ug/kg	350
Dibenz (a,h) anthracene	370	U	ug/kg	370	390	U	ug/kg	390	350	U	ug/kg	350
Benzo (g,h,i) perylene	370	U	ug/kg	370	390	U	ug/kg	390	350	U	ug/kg	350

08/10/93 WHITING FIELD ANALYTICAL RESULT REPORT 17:49:36
SOIL BORING -- SEMIVOLATILES -- VALIDATED RESULTS

Lab Sample Number:	34597001				34597001				34597002				34597M01			
Site	WHITING				WHITING				WHITING				WHITING			
Locator	6SB3-0-2				6SB3-0-2				6SB3-0-2A				6SB3-0-2-MS			
Collect Date:	05-DEC-92				05-DEC-92				05-DEC-92				05-DEC-92			
	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL
CLP SEMIVOLATILES 90-SOW																
Phenol	390	U	ug/kg	390	-				390	U	ug/kg	390	390	U	ug/kg	390
bis(2-Chloroethyl) ether	390	UJ	ug/kg	390	-				390	UJ	ug/kg	390	390	U	ug/kg	390
2-Chlorophenol	390	U	ug/kg	390	-				390	U	ug/kg	390	390	U	ug/kg	390
1,3-Dichlorobenzene	390	U	ug/kg	390	-				390	U	ug/kg	390	390	U	ug/kg	390
1,4-Dichlorobenzene	390	U	ug/kg	390	-				390	U	ug/kg	390	390	U	ug/kg	390
1,2-Dichlorobenzene	390	U	ug/kg	390	-				390	U	ug/kg	390	390	U	ug/kg	390
2-Methylphenol	390	U	ug/kg	390	-				390	U	ug/kg	390	390	U	ug/kg	390
2,2-oxybis(1-Chloropropane)	390	U	ug/kg	390	-				390	U	ug/kg	390	390	U	ug/kg	390
4-Methylphenol	390	U	ug/kg	390	-				390	U	ug/kg	390	390	U	ug/kg	390
N-Nitroso-di-n-propylamine	390	U	ug/kg	390	-				390	U	ug/kg	390	390	U	ug/kg	390
Hexachloroethane	390	U	ug/kg	390	-				390	U	ug/kg	390	390	U	ug/kg	390
Nitrobenzene	390	U	ug/kg	390	-				390	U	ug/kg	390	390	U	ug/kg	390
Isophorone	390	U	ug/kg	390	-				390	U	ug/kg	390	390	U	ug/kg	390
2-Nitrophenol	390	U	ug/kg	390	-				390	U	ug/kg	390	390	U	ug/kg	390
2,4-Dimethylphenol	390	U	ug/kg	390	-				390	U	ug/kg	390	390	U	ug/kg	390
bis(2-Chloroethoxy) methane	390	U	ug/kg	390	-				390	U	ug/kg	390	390	U	ug/kg	390
2,4-Dichlorophenol	390	U	ug/kg	390	-				390	U	ug/kg	390	390	U	ug/kg	390
1,2,4-Trichlorobenzene	390	U	ug/kg	390	-				390	U	ug/kg	390	390	U	ug/kg	390
Naphthalene	390	U	ug/kg	390	-				390	U	ug/kg	390	390	U	ug/kg	390
4-Chloroaniline	390	U	ug/kg	390	-				390	U	ug/kg	390	390	U	ug/kg	390
Hexachlorobutadiene	390	UJ	ug/kg	390	-				390	UJ	ug/kg	390	390	U	ug/kg	390
4-Chloro-3-methylphenol	390	U	ug/kg	390	-				390	U	ug/kg	390	390	U	ug/kg	390
2-Methylnaphthalene	390	U	ug/kg	390	-				48	J	ug/kg	390	390	U	ug/kg	390
Hexachlorocyclopentadiene	390	U	ug/kg	390	-				390	U	ug/kg	390	390	U	ug/kg	390
2,4,6-Trichlorophenol	390	U	ug/kg	390	-				390	U	ug/kg	390	390	U	ug/kg	390
2,4,5-Trichlorophenol	940	UJ	ug/kg	940	-				940	UJ	ug/kg	940	940	U	ug/kg	940
2-Chloronaphthalene	390	U	ug/kg	390	-				390	U	ug/kg	390	390	U	ug/kg	390
2-Nitroaniline	940	U	ug/kg	940	-				940	U	ug/kg	940	940	U	ug/kg	940
Dimethylphthalate	390	U	ug/kg	390	-				390	U	ug/kg	390	390	U	ug/kg	390
Acenaphthylene	390	U	ug/kg	390	-				390	U	ug/kg	390	51	J	ug/kg	390
2,6-Dinitrotoluene	390	U	ug/kg	390	-				390	U	ug/kg	390	390	U	ug/kg	390
3-Nitroaniline	940	U	ug/kg	940	-				940	U	ug/kg	940	940	U	ug/kg	940
Acenaphthene	120	J	ug/kg	390	-				190	J	ug/kg	390	390	U	ug/kg	390
2,4-Dinitrophenol	940	U	ug/kg	940	-				940	U	ug/kg	940	940	U	ug/kg	940
4-Nitrophenol	940	U	ug/kg	940	-				940	U	ug/kg	940	940	U	ug/kg	940
Dibenzofuran	47	J	ug/kg	390	-				67	J	ug/kg	390	150	J	ug/kg	390
2,4-Dinitrotoluene	390	U	ug/kg	390	-				390	U	ug/kg	390	390	U	ug/kg	390
Diethylphthalate	390	U	ug/kg	390	-				390	U	ug/kg	390	390	U	ug/kg	390
4-Chlorophenyl-phenylether	390	UJ	ug/kg	390	-				390	UJ	ug/kg	390	390	U	ug/kg	390
Fluorene	90	J	ug/kg	390	-				140	J	ug/kg	390	260	J	ug/kg	390
4-Nitroaniline	940	U	ug/kg	940	-				940	U	ug/kg	940	940	U	ug/kg	940
4,6-Dinitro-2-methylphenol	940	U	ug/kg	940	-				940	U	ug/kg	940	940	U	ug/kg	940
N-Nitrosodiphenylamine (1)	390	U	ug/kg	390	-				390	U	ug/kg	390	390	U	ug/kg	390
4-Bromophenyl-phenylether	390	U	ug/kg	390	-				390	U	ug/kg	390	390	U	ug/kg	390
Hexachlorobenzene	390	UJ	ug/kg	390	-				390	UJ	ug/kg	390	390	U	ug/kg	390
Pentachlorophenol	940	U	ug/kg	940	-				940	U	ug/kg	940	940	U	ug/kg	940
Phenanthrene	1200		ug/kg	390	-				1500		ug/kg	390	2700		ug/kg	390
Anthracene	140	J	ug/kg	390	-				160	J	ug/kg	390	220	J	ug/kg	390
Carbazole	260	J	ug/kg	390	-				300	J	ug/kg	390	610		ug/kg	390
Di-n-butylphthalate	390	U	ug/kg	390	-				390	U	ug/kg	390	390	U	ug/kg	390
Fluoranthene	2400		ug/kg	390	-				2600		ug/kg	390	3100	R	ug/kg	390
Pyrene	2000		ug/kg	390	-				2100		ug/kg	390	390	U	ug/kg	390
Butylbenzylphthalate	150	J	ug/kg	390	-				260	J	ug/kg	390	550		ug/kg	390

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SOIL BORING -- SEMIVOLATILES -- VALIDATED RESULTS

Lab Sample Number:	34597001				34597001				34597002				34597M01					
Site	WHITING				WHITING				WHITING				WHITING					
Locator	6SB3-0-2				6SB3-0-2				6SB3-0-2A				6SB3-0-2-MS					
Collect Date:	05-DEC-92				05-DEC-92				05-DEC-92				05-DEC-92					
	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL		
3,3-Dichlorobenzidine	390	U	ug/kg	390	-				390	U	ug/kg	390	390	U	ug/kg	390		
Benzo (a) anthracene	1400		ug/kg	390	-				1900		ug/kg	390	2900		ug/kg	390		
Chrysene	1700		ug/kg	390	-				2100		ug/kg	390	3000		ug/kg	390		
bis(2-Ethylhexyl) phthalate	1300		ug/kg	390	-				840		ug/kg	390	1200		ug/kg	390		
Di-n-octylphthalate	390	U	ug/kg	390	-				390	U	ug/kg	390	390	U	ug/kg	390		
Benzo (b) fluoranthene	2100		ug/kg	390	-				2000		ug/kg	390	2500		ug/kg	390		
Benzo (k) fluoranthene	1500		ug/kg	390	-				1700		ug/kg	390	2400		ug/kg	390		
Benzo (a) pyrene	1600		ug/kg	390	-				1900		ug/kg	390	2400		ug/kg	390		
Indeno (1,2,3-cd) pyrene	1600		ug/kg	390	-				1400		ug/kg	390	2000		ug/kg	390		
Dibenz (a,h) anthracene	53	J	ug/kg	390	-				200	J	ug/kg	390	92	J	ug/kg	390		
Benzo (g,h,i) perylene	1100		ug/kg	390	-				960		ug/kg	390	1400		ug/kg	390		

08/10/93 WHITING FIELD ANALYTICAL RESULT REPORT 17:49:36
SOIL BORING -- SEMIVOLATILES -- VALIDATED RESULTS

Lab Sample Number:	34597D01				34595001				34595002				34595003			
Site	WHITING				WHITING				WHITING				WHITING			
Locator	6SB3-0-2-MSD				6SB3-5-7				6SB3-10-12				6SB3-15-17			
Collect Date:	05-DEC-92				05-DEC-92				05-DEC-92				05-DEC-92			
	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL
CLP SEMIVOLATILES 90-SOW																
Phenol	390	U	ug/kg	390	380	U	ug/kg	380	370	U	ug/kg	370	360	U	ug/kg	360
bis(2-Chloroethyl) ether	390	U	ug/kg	390	380	U	ug/kg	380	370	U	ug/kg	370	360	U	ug/kg	360
2-Chlorophenol	390	U	ug/kg	390	380	U	ug/kg	380	370	U	ug/kg	370	360	U	ug/kg	360
1,3-Dichlorobenzene	390	U	ug/kg	390	380	U	ug/kg	380	370	U	ug/kg	370	360	U	ug/kg	360
1,4-Dichlorobenzene	390	U	ug/kg	390	380	U	ug/kg	380	370	U	ug/kg	370	360	U	ug/kg	360
1,2-Dichlorobenzene	390	U	ug/kg	390	380	U	ug/kg	380	370	U	ug/kg	370	360	U	ug/kg	360
2-Methylphenol	390	U	ug/kg	390	380	U	ug/kg	380	370	U	ug/kg	370	360	U	ug/kg	360
2,2-oxybis(1-Chloropropane)	390	U	ug/kg	390	380	U	ug/kg	380	370	U	ug/kg	370	360	U	ug/kg	360
4-Methylphenol	390	U	ug/kg	390	380	U	ug/kg	380	370	U	ug/kg	370	360	U	ug/kg	360
N-Nitroso-di-n-propylamine	390	U	ug/kg	390	380	U	ug/kg	380	370	U	ug/kg	370	360	U	ug/kg	360
Hexachloroethane	390	U	ug/kg	390	380	U	ug/kg	380	370	U	ug/kg	370	360	U	ug/kg	360
Nitrobenzene	390	U	ug/kg	390	380	U	ug/kg	380	370	U	ug/kg	370	360	U	ug/kg	360
Isophorone	390	U	ug/kg	390	380	U	ug/kg	380	370	U	ug/kg	370	360	U	ug/kg	360
2-Nitrophenol	390	U	ug/kg	390	380	U	ug/kg	380	370	U	ug/kg	370	360	U	ug/kg	360
2,4-Dimethylphenol	390	U	ug/kg	390	380	U	ug/kg	380	370	U	ug/kg	370	360	U	ug/kg	360
bis(2-Chloroethoxy) methane	390	U	ug/kg	390	380	U	ug/kg	380	370	U	ug/kg	370	360	U	ug/kg	360
2,4-Dichlorophenol	390	U	ug/kg	390	380	U	ug/kg	380	370	U	ug/kg	370	360	U	ug/kg	360
1,2,4-Trichlorobenzene	390	U	ug/kg	390	380	U	ug/kg	380	370	U	ug/kg	370	360	U	ug/kg	360
Naphthalene	390	U	ug/kg	390	380	UJ	ug/kg	380	370	UJ	ug/kg	370	360	UJ	ug/kg	360
4-Chloroaniline	390	U	ug/kg	390	380	U	ug/kg	380	370	U	ug/kg	370	360	U	ug/kg	360
Hexachlorobutadiene	390	U	ug/kg	390	380	U	ug/kg	380	370	U	ug/kg	370	360	U	ug/kg	360
4-Chloro-3-methylphenol	390	U	ug/kg	390	380	U	ug/kg	380	370	U	ug/kg	370	360	U	ug/kg	360
2-Methylnaphthalene	390	U	ug/kg	390	380	U	ug/kg	380	370	U	ug/kg	370	360	U	ug/kg	360
Hexachlorocyclopentadiene	390	U	ug/kg	390	380	U	ug/kg	380	370	U	ug/kg	370	360	U	ug/kg	360
2,4,6-Trichlorophenol	390	U	ug/kg	390	380	U	ug/kg	380	370	U	ug/kg	370	360	U	ug/kg	360
2,4,5-Trichlorophenol	940	U	ug/kg	940	920	U	ug/kg	920	910	U	ug/kg	910	870	U	ug/kg	870
2-Chloronaphthalene	390	U	ug/kg	390	380	U	ug/kg	380	370	U	ug/kg	370	360	U	ug/kg	360
2-Nitroaniline	940	U	ug/kg	940	920	U	ug/kg	920	910	U	ug/kg	910	870	U	ug/kg	870
Dimethylphthalate	390	U	ug/kg	390	380	U	ug/kg	380	370	U	ug/kg	370	360	U	ug/kg	360
Acenaphthylene	120	J	ug/kg	390	380	U	ug/kg	380	370	U	ug/kg	370	360	U	ug/kg	360
2,6-Dinitrotoluene	390	U	ug/kg	390	380	U	ug/kg	380	370	U	ug/kg	370	360	U	ug/kg	360
3-Nitroaniline	940	U	ug/kg	940	920	UJ	ug/kg	920	910	UJ	ug/kg	910	870	UJ	ug/kg	870
Acenaphthene	390	U	ug/kg	390	380	U	ug/kg	380	370	U	ug/kg	370	360	U	ug/kg	360
2,4-Dinitrophenol	940	U	ug/kg	940	920	U	ug/kg	920	910	U	ug/kg	910	870	U	ug/kg	870
4-Nitrophenol	940	U	ug/kg	940	920	U	ug/kg	920	910	U	ug/kg	910	870	U	ug/kg	870
Dibenzofuran	82	J	ug/kg	390	380	U	ug/kg	380	370	U	ug/kg	370	360	U	ug/kg	360
2,4-Dinitrotoluene	390	U	ug/kg	390	380	U	ug/kg	380	370	U	ug/kg	370	360	U	ug/kg	360
Diethylphthalate	390	U	ug/kg	390	380	U	ug/kg	380	370	U	ug/kg	370	360	U	ug/kg	360
4-Chlorophenyl-phenylether	390	U	ug/kg	390	380	U	ug/kg	380	370	U	ug/kg	370	360	U	ug/kg	360
Fluorene	160	J	ug/kg	390	57	J	ug/kg	380	370	U	ug/kg	370	360	U	ug/kg	360
4-Nitroaniline	940	U	ug/kg	940	920	U	ug/kg	920	910	U	ug/kg	910	870	U	ug/kg	870
4,6-Dinitro-2-methylphenol	940	U	ug/kg	940	920	U	ug/kg	920	910	U	ug/kg	910	870	U	ug/kg	870
N-Nitrosodiphenylamine (1)	390	U	ug/kg	390	380	U	ug/kg	380	370	U	ug/kg	370	360	U	ug/kg	360
4-Bromophenyl-phenylether	390	U	ug/kg	390	380	U	ug/kg	380	370	U	ug/kg	370	360	U	ug/kg	360
Hexachlorobenzene	390	U	ug/kg	390	380	U	ug/kg	380	370	U	ug/kg	370	360	U	ug/kg	360
Pentachlorophenol	940	U	ug/kg	940	920	U	ug/kg	920	910	U	ug/kg	910	870	U	ug/kg	870
Phenanthrene	2300		ug/kg	390	510		ug/kg	380	370	U	ug/kg	370	360	U	ug/kg	360
Anthracene	320	J	ug/kg	390	110	J	ug/kg	380	370	U	ug/kg	370	360	U	ug/kg	360
Carbazole	490		ug/kg	390	93	J	ug/kg	380	370	UJ	ug/kg	370	360	UJ	ug/kg	360
Di-n-butylphthalate	390	U	ug/kg	390	380	U	ug/kg	380	370	U	ug/kg	370	360	U	ug/kg	360
Fluoranthene	3900	R	ug/kg	390	750		ug/kg	380	38	J	ug/kg	380	360	U	ug/kg	360
Pyrene	390	U	ug/kg	390	590		ug/kg	380	41	J	ug/kg	380	360	U	ug/kg	360

08/10/93 WHITING FIELD ANALYTICAL RESULT REPORT 17:49:36
SOIL BORING -- SEMIVOLATILES -- VALIDATED RESULTS

Lab Sample Number:	34597D01				34595001				34595002				34595003					
Site	WHITING				WHITING				WHITING				WHITING					
Locator	6SB3-0-2-MSD				6SB3-5-7				6SB3-10-12				6SB3-15-17					
Collect Date:	05-DEC-92				05-DEC-92				05-DEC-92				05-DEC-92					
	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL		
Butylbenzylphthalate	330	J	ug/kg	390	380	U	ug/kg	380	370	U	ug/kg	370	360	U	ug/kg	360		
3,3-Dichlorobenzidine	390	U	ug/kg	390	380	UJ	ug/kg	380	370	UJ	ug/kg	370	360	UJ	ug/kg	360		
Benzo (a) anthracene	5500	R	ug/kg	390	320	J	ug/kg	380	370	U	ug/kg	370	360	U	ug/kg	360		
Chrysene	5400	R	ug/kg	390	340	J	ug/kg	380	370	U	ug/kg	370	360	U	ug/kg	360		
bis(2-Ethylhexyl) phthalate	1100		ug/kg	390	340	UJ	ug/kg	380	370	UJ	ug/kg	380	360	U	ug/kg	360		
Di-n-octylphthalate	390	U	ug/kg	390	380	U	ug/kg	380	370	U	ug/kg	370	360	U	ug/kg	360		
Benzo (b) fluoranthene	4800	R	ug/kg	390	290	J	ug/kg	380	38	J	ug/kg	380	360	U	ug/kg	360		
Benzo (k) fluoranthene	6300	R	ug/kg	390	290	J	ug/kg	380	39	J	ug/kg	380	360	U	ug/kg	360		
Benzo (a) pyrene	5000	R	ug/kg	390	290	J	ug/kg	380	370	U	ug/kg	370	360	U	ug/kg	360		
Indeno (1,2,3-cd) pyrene	3400	R	ug/kg	390	200	J	ug/kg	380	370	U	ug/kg	370	360	U	ug/kg	360		
Dibenz (a,h) anthracene	270	J	ug/kg	390	380	U	ug/kg	380	370	U	ug/kg	370	360	U	ug/kg	360		
Benzo (g,h,i) perylene	2500		ug/kg	390	160	J	ug/kg	380	370	U	ug/kg	370	360	U	ug/kg	360		

08/10/93 WHITING FIELD ANALYTICAL RESULT REPORT 17:49:36
SOIL BORING -- SEMIVOLATILES -- VALIDATED RESULTS

Lab Sample Number:	34595004				34595005				34595008			
Site	WHITING				WHITING				WHITING			
Locator	6SB3-25-27				6SB3-60-62				6SB3-117-119			
Collect Date:	05-DEC-92				05-DEC-92				05-DEC-92			
	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL
CLP SEMIVOLATILES 90-SOW												
Phenol	340	U	ug/kg	340	380	U	ug/kg	380	410	U	ug/kg	410
bis(2-Chloroethyl) ether	340	U	ug/kg	340	380	U	ug/kg	380	410	U	ug/kg	410
2-Chlorophenol	340	U	ug/kg	340	380	U	ug/kg	380	410	U	ug/kg	410
1,3-Dichlorobenzene	340	U	ug/kg	340	380	U	ug/kg	380	410	U	ug/kg	410
1,4-Dichlorobenzene	340	U	ug/kg	340	380	U	ug/kg	380	410	U	ug/kg	410
1,2-Dichlorobenzene	340	U	ug/kg	340	380	U	ug/kg	380	410	U	ug/kg	410
2-Methylphenol	340	U	ug/kg	340	380	U	ug/kg	380	410	U	ug/kg	410
2,2-oxybis(1-Chloropropane)	340	U	ug/kg	340	380	U	ug/kg	380	410	U	ug/kg	410
4-Methylphenol	340	U	ug/kg	340	380	U	ug/kg	380	410	U	ug/kg	410
N-Nitroso-di-n-propylamine	340	U	ug/kg	340	380	U	ug/kg	380	410	U	ug/kg	410
Hexachloroethane	340	U	ug/kg	340	380	U	ug/kg	380	410	U	ug/kg	410
Nitrobenzene	340	U	ug/kg	340	380	U	ug/kg	380	410	U	ug/kg	410
Isophorone	340	U	ug/kg	340	380	U	ug/kg	380	410	U	ug/kg	410
2-Nitrophenol	340	U	ug/kg	340	380	U	ug/kg	380	410	U	ug/kg	410
2,4-Dimethylphenol	340	U	ug/kg	340	380	U	ug/kg	380	410	U	ug/kg	410
bis(2-Chloroethoxy) methane	340	U	ug/kg	340	380	U	ug/kg	380	410	U	ug/kg	410
2,4-Dichlorophenol	340	U	ug/kg	340	380	U	ug/kg	380	410	U	ug/kg	410
1,2,4-Trichlorobenzene	340	U	ug/kg	340	380	U	ug/kg	380	410	U	ug/kg	410
Naphthalene	340	UJ	ug/kg	340	380	UJ	ug/kg	380	410	UJ	ug/kg	410
4-Chloroaniline	340	U	ug/kg	340	380	U	ug/kg	380	410	U	ug/kg	410
Hexachlorobutadiene	340	U	ug/kg	340	380	U	ug/kg	380	410	U	ug/kg	410
4-Chloro-3-methylphenol	340	U	ug/kg	340	380	U	ug/kg	380	410	U	ug/kg	410
2-Methylnaphthalene	340	U	ug/kg	340	380	U	ug/kg	380	410	U	ug/kg	410
Hexachlorocyclopentadiene	340	U	ug/kg	340	380	U	ug/kg	380	410	U	ug/kg	410
2,4,6-Trichlorophenol	340	U	ug/kg	340	380	U	ug/kg	380	410	U	ug/kg	410
2,4,5-Trichlorophenol	830	U	ug/kg	830	930	U	ug/kg	930	1000	U	ug/kg	1000
2-Chloronaphthalene	340	U	ug/kg	340	380	U	ug/kg	380	410	U	ug/kg	410
2-Nitroaniline	830	U	ug/kg	830	930	U	ug/kg	930	1000	U	ug/kg	1000
Dimethylphthalate	340	U	ug/kg	340	380	U	ug/kg	380	410	U	ug/kg	410
Acenaphthylene	340	U	ug/kg	340	380	U	ug/kg	380	410	U	ug/kg	410
2,6-Dinitrotoluene	340	U	ug/kg	340	380	U	ug/kg	380	410	U	ug/kg	410
3-Nitroaniline	830	UJ	ug/kg	830	930	UJ	ug/kg	930	1000	UJ	ug/kg	1000
Acenaphthene	340	U	ug/kg	340	380	U	ug/kg	380	410	U	ug/kg	410
2,4-Dinitrophenol	830	U	ug/kg	830	930	U	ug/kg	930	1000	U	ug/kg	1000
4-Nitrophenol	830	U	ug/kg	830	930	U	ug/kg	930	1000	U	ug/kg	1000
Dibenzofuran	340	U	ug/kg	340	380	U	ug/kg	380	410	U	ug/kg	410
2,4-Dinitrotoluene	340	U	ug/kg	340	380	U	ug/kg	380	410	U	ug/kg	410
Diethylphthalate	340	U	ug/kg	340	380	U	ug/kg	380	410	U	ug/kg	410
4-Chlorophenyl-phenylether	340	U	ug/kg	340	380	U	ug/kg	380	410	U	ug/kg	410
Fluorene	340	U	ug/kg	340	380	U	ug/kg	380	410	U	ug/kg	410
4-Nitroaniline	830	U	ug/kg	830	930	U	ug/kg	930	1000	U	ug/kg	1000
4,6-Dinitro-2-methylphenol	830	U	ug/kg	830	930	U	ug/kg	930	1000	U	ug/kg	1000
N-Nitrosodiphenylamine (1)	340	U	ug/kg	340	380	U	ug/kg	380	410	U	ug/kg	410
4-Bromophenyl-phenylether	340	U	ug/kg	340	380	U	ug/kg	380	410	U	ug/kg	410
Hexachlorobenzene	340	U	ug/kg	340	380	U	ug/kg	380	410	U	ug/kg	410
Pentachlorophenol	830	U	ug/kg	830	930	U	ug/kg	930	1000	U	ug/kg	1000
Phenanthrene	340	U	ug/kg	340	380	U	ug/kg	380	410	U	ug/kg	410
Anthracene	340	U	ug/kg	340	380	U	ug/kg	380	410	U	ug/kg	410
Carbazole	340	UJ	ug/kg	340	380	UJ	ug/kg	380	410	UJ	ug/kg	410
Di-n-butylphthalate	340	U	ug/kg	340	380	U	ug/kg	380	410	U	ug/kg	410
Fluoranthene	340	U	ug/kg	340	380	U	ug/kg	380	410	U	ug/kg	410
Pyrene	340	U	ug/kg	340	380	U	ug/kg	380	410	U	ug/kg	410

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SOIL BORING -- SEMIVOLATILES -- VALIDATED RESULTS

Lab Sample Number:	34595004				34595005				34595008			
Site	WHITING				WHITING				WHITING			
Locator	6SB3-25-27				6SB3-60-62				6SB3-117-119			
Collect Date:	05-DEC-92				05-DEC-92				05-DEC-92			
	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL
Butylbenzylphthalate	340	U	ug/kg	340	380	U	ug/kg	380	410	U	ug/kg	410
3,3-Dichlorobenzidine	340	UJ	ug/kg	340	380	UJ	ug/kg	380	410	UJ	ug/kg	410
Benzo (a) anthracene	340	U	ug/kg	340	380	U	ug/kg	380	410	U	ug/kg	410
Chrysene	340	U	ug/kg	340	380	U	ug/kg	380	410	U	ug/kg	410
bis(2-Ethylhexyl) phthalate	340	U	ug/kg	340	380	U	ug/kg	380	410	U	ug/kg	410
Di-n-octylphthalate	340	U	ug/kg	340	380	U	ug/kg	380	410	U	ug/kg	410
Benzo (b) fluoranthene	340	U	ug/kg	340	380	U	ug/kg	380	410	U	ug/kg	410
Benzo (k) fluoranthene	340	U	ug/kg	340	380	U	ug/kg	380	410	U	ug/kg	410
Benzo (a) pyrene	340	U	ug/kg	340	380	U	ug/kg	380	410	U	ug/kg	410
Indeno (1,2,3-cd) pyrene	340	U	ug/kg	340	380	U	ug/kg	380	410	U	ug/kg	410
Dibenz (a,h) anthracene	340	U	ug/kg	340	380	U	ug/kg	380	410	U	ug/kg	410
Benzo (g,h,i) perylene	340	U	ug/kg	340	380	U	ug/kg	380	410	U	ug/kg	410

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SOIL BORING -- SEMIVOLATILES -- VALIDATED RESULTS

Lab Sample Number:	34587007				34587008				34587009				34587010			
Site	WHITING				WHITING				WHITING				WHITING			
Locator	6SB4-0-2				6SB4-5-7				6SB4-10-12				6SB4-20-22			
Collect Date:	04-DEC-92				04-DEC-92				04-DEC-92				04-DEC-92			
	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL
CLP SEMIVOLATILES 90-SOW																
Phenol	400	U	ug/kg	400	370	U	ug/kg	370	380	U	ug/kg	380	370	U	ug/kg	370
bis(2-Chloroethyl) ether	400	U	ug/kg	400	370	U	ug/kg	370	380	U	ug/kg	380	370	U	ug/kg	370
2-Chlorophenol	400	U	ug/kg	400	370	U	ug/kg	370	380	U	ug/kg	380	370	U	ug/kg	370
1,3-Dichlorobenzene	400	U	ug/kg	400	370	U	ug/kg	370	380	U	ug/kg	380	370	U	ug/kg	370
1,4-Dichlorobenzene	400	U	ug/kg	400	370	U	ug/kg	370	380	U	ug/kg	380	370	U	ug/kg	370
1,2-Dichlorobenzene	400	U	ug/kg	400	370	U	ug/kg	370	380	U	ug/kg	380	370	U	ug/kg	370
2-Methylphenol	400	U	ug/kg	400	370	U	ug/kg	370	380	U	ug/kg	380	370	U	ug/kg	370
2,2-oxybis(1-Chloropropane)	400	U	ug/kg	400	370	U	ug/kg	370	380	U	ug/kg	380	370	U	ug/kg	370
4-Methylphenol	400	U	ug/kg	400	370	U	ug/kg	370	380	U	ug/kg	380	370	U	ug/kg	370
N-Nitroso-di-n-propylamine	400	U	ug/kg	400	370	U	ug/kg	370	380	U	ug/kg	380	370	U	ug/kg	370
Hexachloroethane	400	U	ug/kg	400	370	U	ug/kg	370	380	U	ug/kg	380	370	U	ug/kg	370
Nitrobenzene	400	U	ug/kg	400	370	U	ug/kg	370	380	U	ug/kg	380	370	U	ug/kg	370
Isophorone	400	U	ug/kg	400	370	U	ug/kg	370	380	U	ug/kg	380	370	U	ug/kg	370
2-Nitrophenol	400	U	ug/kg	400	370	U	ug/kg	370	380	U	ug/kg	380	370	U	ug/kg	370
2,4-Dimethylphenol	400	U	ug/kg	400	370	U	ug/kg	370	380	U	ug/kg	380	370	U	ug/kg	370
bis(2-Chloroethoxy) methane	400	U	ug/kg	400	370	U	ug/kg	370	380	U	ug/kg	380	370	U	ug/kg	370
2,4-Dichlorophenol	400	U	ug/kg	400	370	U	ug/kg	370	380	U	ug/kg	380	370	U	ug/kg	370
1,2,4-Trichlorobenzene	400	U	ug/kg	400	370	U	ug/kg	370	380	U	ug/kg	380	370	U	ug/kg	370
Naphthalene	400	U	ug/kg	400	370	U	ug/kg	370	380	U	ug/kg	380	370	U	ug/kg	370
4-Chloroaniline	400	UJ	ug/kg	400	370	UJ	ug/kg	370	380	UJ	ug/kg	380	370	UJ	ug/kg	370
Hexachlorobutadiene	400	UJ	ug/kg	400	370	UJ	ug/kg	370	380	UJ	ug/kg	380	370	UJ	ug/kg	370
4-Chloro-3-methylphenol	400	U	ug/kg	400	370	U	ug/kg	370	380	U	ug/kg	380	370	U	ug/kg	370
2-Methylnaphthalene	400	U	ug/kg	400	370	U	ug/kg	370	380	U	ug/kg	380	370	U	ug/kg	370
Hexachlorocyclopentadiene	400	U	ug/kg	400	370	U	ug/kg	370	380	U	ug/kg	380	370	U	ug/kg	370
2,4,6-Trichlorophenol	400	UJ	ug/kg	400	370	UJ	ug/kg	370	380	UJ	ug/kg	380	370	UJ	ug/kg	370
2,4,5-Trichlorophenol	960	U	ug/kg	960	900	U	ug/kg	900	930	U	ug/kg	930	910	U	ug/kg	910
2-Chloronaphthalene	400	U	ug/kg	400	370	U	ug/kg	370	380	U	ug/kg	380	370	U	ug/kg	370
2-Nitroaniline	960	U	ug/kg	960	900	U	ug/kg	900	930	U	ug/kg	930	910	U	ug/kg	910
Dimethylphthalate	400	U	ug/kg	400	370	U	ug/kg	370	380	U	ug/kg	380	370	U	ug/kg	370
Acenaphthylene	400	U	ug/kg	400	370	U	ug/kg	370	380	U	ug/kg	380	370	U	ug/kg	370
2,6-Dinitrotoluene	400	U	ug/kg	400	370	U	ug/kg	370	380	U	ug/kg	380	370	U	ug/kg	370
3-Nitroaniline	960	UJ	ug/kg	960	900	UJ	ug/kg	900	930	UJ	ug/kg	930	910	UJ	ug/kg	910
Acenaphthene	400	U	ug/kg	400	370	U	ug/kg	370	380	U	ug/kg	380	370	U	ug/kg	370
2,4-Dinitrophenol	960	U	ug/kg	960	900	U	ug/kg	900	930	U	ug/kg	930	910	U	ug/kg	910
4-Nitrophenol	960	U	ug/kg	960	900	U	ug/kg	900	930	U	ug/kg	930	910	U	ug/kg	910
Dibenzofuran	400	U	ug/kg	400	370	U	ug/kg	370	380	U	ug/kg	380	370	U	ug/kg	370
2,4-Dinitrotoluene	400	U	ug/kg	400	370	U	ug/kg	370	380	U	ug/kg	380	370	U	ug/kg	370
Diethylphthalate	400	U	ug/kg	400	370	U	ug/kg	370	380	U	ug/kg	380	370	U	ug/kg	370
4-Chlorophenyl-phenylether	400	U	ug/kg	400	370	U	ug/kg	370	380	U	ug/kg	380	370	U	ug/kg	370
Fluorene	400	U	ug/kg	400	370	U	ug/kg	370	380	U	ug/kg	380	370	U	ug/kg	370
4-Nitroaniline	960	UJ	ug/kg	960	900	U	ug/kg	900	930	UJ	ug/kg	930	910	UJ	ug/kg	910
4,6-Dinitro-2-methylphenol	960	U	ug/kg	960	900	U	ug/kg	900	930	U	ug/kg	930	910	U	ug/kg	910
N-Nitrosodiphenylamine (1)	400	U	ug/kg	400	370	U	ug/kg	370	380	U	ug/kg	380	370	U	ug/kg	370
4-Bromophenyl-phenylether	400	UJ	ug/kg	400	370	U	ug/kg	370	380	UJ	ug/kg	380	370	UJ	ug/kg	370
Hexachlorobenzene	400	UJ	ug/kg	400	370	U	ug/kg	370	380	UJ	ug/kg	380	370	UJ	ug/kg	370
Pentachlorophenol	960	U	ug/kg	960	900	U	ug/kg	900	930	U	ug/kg	930	910	U	ug/kg	910
Phenanthrene	400	U	ug/kg	400	370	U	ug/kg	370	380	U	ug/kg	380	370	U	ug/kg	370
Anthracene	400	U	ug/kg	400	370	U	ug/kg	370	380	U	ug/kg	380	370	U	ug/kg	370
Carbazole	400	U	ug/kg	400	370	U	ug/kg	370	380	U	ug/kg	380	370	U	ug/kg	370
Di-n-butylphthalate	400	U	ug/kg	400	370	U	ug/kg	370	380	U	ug/kg	380	370	U	ug/kg	370
Fluoranthene	400	U	ug/kg	400	370	U	ug/kg	370	380	U	ug/kg	380	370	U	ug/kg	370
Pyrene	400	U	ug/kg	400	370	U	ug/kg	370	380	U	ug/kg	380	370	U	ug/kg	370
Butylbenzylphthalate	400	U	ug/kg	400	370	U	ug/kg	370	380	U	ug/kg	380	370	U	ug/kg	370

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SOIL BORING -- SEMIVOLATILES -- VALIDATED RESULTS

Lab Sample Number:	34587007				34587008				34587009				34587010					
Site	WHITING				WHITING				WHITING				WHITING					
Locator	6SB4-0-2				6SB4-5-7				6SB4-10-12				6SB4-20-22					
Collect Date:	04-DEC-92				04-DEC-92				04-DEC-92				04-DEC-92					
	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL		
3,3-Dichlorobenzidine	400	UJ	ug/kg	400	370	U	ug/kg	370	380	U	ug/kg	380	370	UJ	ug/kg	370		
Benzo (a) anthracene	400	U	ug/kg	400	370	U	ug/kg	370	380	U	ug/kg	380	370	U	ug/kg	370		
Chrysene	400	U	ug/kg	400	370	U	ug/kg	370	380	U	ug/kg	380	370	U	ug/kg	370		
bis(2-Ethylhexyl) phthalate	400	U	ug/kg	400	370	U	ug/kg	370	380	U	ug/kg	380	64	J	ug/kg	380		
Di-n-octylphthalate	400	U	ug/kg	400	370	U	ug/kg	370	380	U	ug/kg	380	370	U	ug/kg	370		
Benzo (b) fluoranthene	400	U	ug/kg	400	370	U	ug/kg	370	380	U	ug/kg	380	370	U	ug/kg	370		
Benzo (k) fluoranthene	400	U	ug/kg	400	370	U	ug/kg	370	380	U	ug/kg	380	370	U	ug/kg	370		
Benzo (a) pyrene	400	U	ug/kg	400	370	U	ug/kg	370	380	U	ug/kg	380	370	U	ug/kg	370		
Indeno (1,2,3-cd) pyrene	400	U	ug/kg	400	370	U	ug/kg	370	380	U	ug/kg	380	370	U	ug/kg	370		
Dibenz (a,h) anthracene	400	U	ug/kg	400	370	U	ug/kg	370	380	U	ug/kg	380	370	U	ug/kg	370		
Benzo (g,h,i) perylene	400	U	ug/kg	400	370	U	ug/kg	370	380	U	ug/kg	380	370	U	ug/kg	370		

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SOIL BORING -- SEMIVOLATILES -- VALIDATED RESULTS

Lab Sample Number:	34587012				34595006			
Site	WHITING				WHITING			
Locator	6SBRB04				6SBRB5			
Collect Date:	04-DEC-92				05-DEC-92			
	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL
CLP SEMIVOLATILES 90-SOW								
Phenol	10	U	ug/l	10	10	U	ug/l	10
bis(2-Chloroethyl) ether	10	U	ug/l	10	10	U	ug/l	10
2-Chlorophenol	10	U	ug/l	10	10	U	ug/l	10
1,3-Dichlorobenzene	10	U	ug/l	10	10	U	ug/l	10
1,4-Dichlorobenzene	10	U	ug/l	10	10	U	ug/l	10
1,2-Dichlorobenzene	10	U	ug/l	10	10	U	ug/l	10
2-Methylphenol	10	U	ug/l	10	10	U	ug/l	10
2,2-oxybis(1-Chloropropane)	10	U	ug/l	10	10	U	ug/l	10
4-Methylphenol	10	U	ug/l	10	10	U	ug/l	10
N-Nitroso-di-n-propylamine	10	U	ug/l	10	10	U	ug/l	10
Hexachloroethane	10	U	ug/l	10	10	U	ug/l	10
Nitrobenzene	10	U	ug/l	10	10	U	ug/l	10
Isophorone	10	U	ug/l	10	10	U	ug/l	10
2-Nitrophenol	10	U	ug/l	10	10	U	ug/l	10
2,4-Dimethylphenol	10	U	ug/l	10	10	U	ug/l	10
bis(2-Chloroethoxy) methane	10	U	ug/l	10	10	U	ug/l	10
2,4-Dichlorophenol	10	U	ug/l	10	10	U	ug/l	10
1,2,4-Trichlorobenzene	10	U	ug/l	10	10	U	ug/l	10
Naphthalene	10	U	ug/l	10	10	U	ug/l	10
4-Chloroaniline	10	U	ug/l	10	10	U	ug/l	10
Hexachlorobutadiene	10	U	ug/l	10	10	U	ug/l	10
4-Chloro-3-methylphenol	10	U	ug/l	10	10	U	ug/l	10
2-Methylnaphthalene	10	U	ug/l	10	10	U	ug/l	10
Hexachlorocyclopentadiene	10	U	ug/l	10	10	U	ug/l	10
2,4,6-Trichlorophenol	10	U	ug/l	10	10	U	ug/l	10
2,4,5-Trichlorophenol	25	U	ug/l	25	25	U	ug/l	25
2-Chloronaphthalene	10	U	ug/l	10	10	U	ug/l	10
2-Nitroaniline	25	U	ug/l	25	25	U	ug/l	25
Dimethylphthalate	10	U	ug/l	10	10	U	ug/l	10
Acenaphthylene	10	U	ug/l	10	10	U	ug/l	10
2,6-Dinitrotoluene	10	U	ug/l	10	10	U	ug/l	10
3-Nitroaniline	25	U	ug/l	25	25	U	ug/l	25
Acenaphthene	10	U	ug/l	10	10	U	ug/l	10
2,4-Dinitrophenol	25	U	ug/l	25	25	U	ug/l	25
4-Nitrophenol	25	U	ug/l	25	25	U	ug/l	25
Dibenzofuran	10	U	ug/l	10	10	U	ug/l	10
2,4-Dinitrotoluene	10	U	ug/l	10	10	U	ug/l	10
Diethylphthalate	10	U	ug/l	10	10	U	ug/l	10
4-Chlorophenyl-phenylether	10	U	ug/l	10	10	U	ug/l	10
Fluorene	10	U	ug/l	10	10	U	ug/l	10
4-Nitroaniline	25	U	ug/l	25	25	U	ug/l	25
4,6-Dinitro-2-methylphenol	25	U	ug/l	25	25	U	ug/l	25
N-Nitrosodiphenylamine (1)	10	U	ug/l	10	10	U	ug/l	10
4-Bromophenyl-phenylether	10	U	ug/l	10	10	U	ug/l	10
Hexachlorobenzene	10	U	ug/l	10	10	U	ug/l	10
Pentachlorophenol	25	U	ug/l	25	25	U	ug/l	25
Phenanthrene	10	U	ug/l	10	10	U	ug/l	10
Anthracene	10	U	ug/l	10	10	U	ug/l	10
Carbazole	10	U	ug/l	10	10	U	ug/l	10
Di-n-butylphthalate	10		ug/l	10	7	J	ug/l	10
Fluoranthene	10	U	ug/l	10	10	U	ug/l	10
Pyrene	10	U	ug/l	10	10	U	ug/l	10
Butylbenzylphthalate	10	U	ug/l	10	10	U	ug/l	10

Lab Sample Number:	34587012				34595006			
Site	WHITING				WHITING			
Locator	6SBRB04				6SBRB5			
Collect Date:	04-DEC-92				05-DEC-92			
	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL
3,3-Dichlorobenzidine	10	U	ug/l	10	10	U	ug/l	10
Benzo (a) anthracene	10	U	ug/l	10	10	U	ug/l	10
Chrysene	10	U	ug/l	10	10	U	ug/l	10
bis(2-Ethylhexyl) phthalate	10	U	ug/l	10	10	U	ug/l	10
Di-n-octylphthalate	10	U	ug/l	10	10	U	ug/l	10
Benzo (b) fluoranthene	10	U	ug/l	10	10	U	ug/l	10
Benzo (k) fluoranthene	10	U	ug/l	10	10	U	ug/l	10
Benzo (a) pyrene	10	U	ug/l	10	10	U	ug/l	10
Indeno (1,2,3-cd) pyrene	10	U	ug/l	10	10	U	ug/l	10
Dibenz (a,h) anthracene	10	U	ug/l	10	10	U	ug/l	10
Benzo (g,h,i) perylene	10	U	ug/l	10	10	U	ug/l	10

08/10/93 WHITING FIELD ANAL..ICAL RESULT REPORT 16:32:27
SOIL BORING -- PESTICIDES/PCBS -- VALIDATED RESULTS

Lab Sample Number:	34587002				34587001				34587003			
Site	WHITING				WHITING				WHITING			
Locator	6SB1-15-17				6SB1-5-7				6SB1-20-22			
Collect Date:	04-DEC-92				04-DEC-92				04-DEC-92			
	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL
CLP PESTICIDES/PCBS 90-SOW												
alpha-BHC	2	UJ	ug/kg	2	2	UJ	ug/kg	2	1.8	UJ	ug/kg	1.8
beta-BHC	2	UJ	ug/kg	2	2	UJ	ug/kg	2	1.8	UJ	ug/kg	1.8
delta-BHC	2	UJ	ug/kg	2	2	UJ	ug/kg	2	1.8	UJ	ug/kg	1.8
gamma-BHC (Lindane)	2	UJ	ug/kg	2	2	UJ	ug/kg	2	1.8	UJ	ug/kg	1.8
Heptachlor	2	UJ	ug/kg	2	2	UJ	ug/kg	2	1.8	UJ	ug/kg	1.8
Aldrin	2	UJ	ug/kg	2	2	UJ	ug/kg	2	1.8	UJ	ug/kg	1.8
Heptachlor epoxide	2	UJ	ug/kg	2	2	UJ	ug/kg	2	1.8	UJ	ug/kg	1.8
Endosulfan I	2	UJ	ug/kg	2	2	UJ	ug/kg	2	1.8	UJ	ug/kg	1.8
Dieldrin	3.8	UJ	ug/kg	3.8	13	J	ug/kg	4	3.5	UJ	ug/kg	3.5
4,4-DDE	3.8	UJ	ug/kg	3.8	3.9	UJ	ug/kg	3.9	3.5	UJ	ug/kg	3.5
Endrin	3.8	UJ	ug/kg	3.8	3.9	UJ	ug/kg	3.9	3.5	UJ	ug/kg	3.5
Endosulfan II	3.8	UJ	ug/kg	3.8	3.9	UJ	ug/kg	3.9	3.5	UJ	ug/kg	3.5
4,4-DDD	3.8	UJ	ug/kg	3.8	3.9	UJ	ug/kg	3.9	3.5	UJ	ug/kg	3.5
Endosulfan sulfate	3.8	UJ	ug/kg	3.8	3.9	UJ	ug/kg	3.9	3.5	UJ	ug/kg	3.5
4,4-DDT	3.8	UJ	ug/kg	3.8	3.9	UJ	ug/kg	3.9	3.5	UJ	ug/kg	3.5
Methoxychlor	20	UJ	ug/kg	20	20	UJ	ug/kg	20	18	UJ	ug/kg	18
Endrin ketone	3.8	UJ	ug/kg	3.8	3.9	UJ	ug/kg	3.9	3.5	UJ	ug/kg	3.5
Endrin aldehyde	3.8	UJ	ug/kg	3.8	3.9	UJ	ug/kg	3.9	3.5	UJ	ug/kg	3.5
alpha-Chlordane	2	UJ	ug/kg	2	2	UJ	ug/kg	2	1.8	UJ	ug/kg	1.8
gamma-Chlordane	2	UJ	ug/kg	2	2	UJ	ug/kg	2	1.8	UJ	ug/kg	1.8
Toxaphene	200	UJ	ug/kg	200	200	UJ	ug/kg	200	180	UJ	ug/kg	180
Aroclor-1016	38	UJ	ug/kg	38	39	UJ	ug/kg	39	35	UJ	ug/kg	35
Aroclor-1221	78	UJ	ug/kg	78	79	UJ	ug/kg	79	72	UJ	ug/kg	72
Aroclor-1232	38	UJ	ug/kg	38	39	UJ	ug/kg	39	35	UJ	ug/kg	35
Aroclor-1242	38	UJ	ug/kg	38	39	UJ	ug/kg	39	35	UJ	ug/kg	35
Aroclor-1248	38	UJ	ug/kg	38	39	UJ	ug/kg	39	35	UJ	ug/kg	35
Aroclor-1254	38	UJ	ug/kg	38	39	UJ	ug/kg	39	35	UJ	ug/kg	35
Aroclor-1260	38	UJ	ug/kg	38	39	UJ	ug/kg	39	35	UJ	ug/kg	35

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SOIL BORING -- PESTICIDES/PCBS -- VALIDATED RESULTS

	34587004				34587005				34587006			
Lab Sample Number:												
Site	WHITING				WHITING				WHITING			
Locator	6SB2-0-2				6SB2-15-17				6SB2-20-22			
Collect Date:	04-DEC-92				04-DEC-92				04-DEC-92			
	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL
CLP PESTICIDES/PCBS 90-SOW												
alpha-BHC	1.9	UJ	ug/kg	1.9	2	UJ	ug/kg	2	1.8	UJ	ug/kg	1.8
beta-BHC	1.9	UJ	ug/kg	1.9	2	UJ	ug/kg	2	1.8	UJ	ug/kg	1.8
delta-BHC	1.9	UJ	ug/kg	1.9	2	UJ	ug/kg	2	1.8	UJ	ug/kg	1.8
gamma-BHC (Lindane)	1.9	UJ	ug/kg	1.9	2	UJ	ug/kg	2	1.8	UJ	ug/kg	1.8
Heptachlor	1.9	UJ	ug/kg	1.9	2	UJ	ug/kg	2	1.8	UJ	ug/kg	1.8
Aldrin	1.9	UJ	ug/kg	1.9	2	UJ	ug/kg	2	1.8	UJ	ug/kg	1.8
Heptachlor epoxide	1.9	UJ	ug/kg	1.9	2	UJ	ug/kg	2	1.8	UJ	ug/kg	1.8
Endosulfan I	1.9	UJ	ug/kg	1.9	2	UJ	ug/kg	2	1.8	UJ	ug/kg	1.8
Dieldrin	3.7	UJ	ug/kg	3.7	3.9	UJ	ug/kg	3.9	3.5	UJ	ug/kg	3.5
4,4-DDE	3.7	UJ	ug/kg	3.7	3.9	UJ	ug/kg	3.9	3.5	UJ	ug/kg	3.5
Endrin	3.7	UJ	ug/kg	3.7	3.9	UJ	ug/kg	3.9	3.5	UJ	ug/kg	3.5
Endosulfan II	3.7	UJ	ug/kg	3.7	3.9	UJ	ug/kg	3.9	3.5	UJ	ug/kg	3.5
4,4-DDD	3.7	UJ	ug/kg	3.7	3.9	UJ	ug/kg	3.9	3.5	UJ	ug/kg	3.5
Endosulfan sulfate	3.7	UJ	ug/kg	3.7	3.9	UJ	ug/kg	3.9	3.5	UJ	ug/kg	3.5
4,4-DDT	3.7	UJ	ug/kg	3.7	3.9	UJ	ug/kg	3.9	3.5	UJ	ug/kg	3.5
Methoxychlor	19	UJ	ug/kg	19	20	UJ	ug/kg	20	18	UJ	ug/kg	18
Endrin ketone	3.7	UJ	ug/kg	3.7	3.9	UJ	ug/kg	3.9	3.5	UJ	ug/kg	3.5
Endrin aldehyde	3.7	UJ	ug/kg	3.7	3.9	UJ	ug/kg	3.9	3.5	UJ	ug/kg	3.5
alpha-Chlordane	1.9	UJ	ug/kg	1.9	2	UJ	ug/kg	2	1.8	UJ	ug/kg	1.8
gamma-Chlordane	1.9	UJ	ug/kg	1.9	2	UJ	ug/kg	2	1.8	UJ	ug/kg	1.8
Toxaphene	190	UJ	ug/kg	190	200	UJ	ug/kg	200	180	UJ	ug/kg	180
Aroclor-1016	37	UJ	ug/kg	37	39	UJ	ug/kg	39	35	UJ	ug/kg	35
Aroclor-1221	75	UJ	ug/kg	75	80	UJ	ug/kg	80	71	UJ	ug/kg	71
Aroclor-1232	37	UJ	ug/kg	37	39	UJ	ug/kg	39	35	UJ	ug/kg	35
Aroclor-1242	37	UJ	ug/kg	37	39	UJ	ug/kg	39	35	UJ	ug/kg	35
Aroclor-1248	37	UJ	ug/kg	37	39	UJ	ug/kg	39	35	UJ	ug/kg	35
Aroclor-1254	37	UJ	ug/kg	37	39	UJ	ug/kg	39	35	UJ	ug/kg	35
Aroclor-1260	37	UJ	ug/kg	37	39	UJ	ug/kg	39	35	UJ	ug/kg	35

Lab Sample Number:	34597001				34597001				34597002				34597M01			
Site	WHITING				WHITING				WHITING				WHITING			
Locator	6SB3-0-2				6SB3-0-2				6SB3-0-2A				6SB3-0-2-MS			
Collect Date:	05-DEC-92				05-DEC-92				05-DEC-92				05-DEC-92			
	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL
CLP PESTICIDES/PCBS 90-SOW																
alpha-BHC	20	U	ug/kg	20	-				20	U	ug/kg	20	20	U	ug/kg	20
beta-BHC	20	U	ug/kg	20	-				20	U	ug/kg	20	20	U	ug/kg	20
delta-BHC	20	U	ug/kg	20	-				20	U	ug/kg	20	20	U	ug/kg	20
gamma-BHC (Lindane)	20	U	ug/kg	20	-				20	U	ug/kg	20	15	J	ug/kg	20
Heptachlor	20	U	ug/kg	20	-				20	U	ug/kg	20	17	J	ug/kg	20
Aldrin	20	U	ug/kg	20	-				20	U	ug/kg	20	15	J	ug/kg	20
Heptachlor epoxide	20	U	ug/kg	20	-				20	U	ug/kg	20	20	U	ug/kg	20
Endosulfan I	20	U	ug/kg	20	-				20	U	ug/kg	20	20	U	ug/kg	20
Dieldrin	39	U	ug/kg	39	-				39	U	ug/kg	39	45	J	ug/kg	39
4,4-DDE	39	U	ug/kg	39	-				39	U	ug/kg	39	39	U	ug/kg	39
Endrin	39	U	ug/kg	39	-				39	U	ug/kg	39	37	J	ug/kg	39
Endosulfan II	39	U	ug/kg	39	-				39	U	ug/kg	39	39	U	ug/kg	39
4,4-DDD	39	U	ug/kg	39	-				39	U	ug/kg	39	39	U	ug/kg	39
Endosulfan sulfate	39	U	ug/kg	39	-				39	U	ug/kg	39	39	U	ug/kg	39
4,4-DDT	39	U	ug/kg	39	-				39	U	ug/kg	39	40	J	ug/kg	39
Methoxychlor	200	U	ug/kg	200	-				200	U	ug/kg	200	200	U	ug/kg	200
Endrin ketone	39	U	ug/kg	39	-				39	U	ug/kg	39	39	U	ug/kg	39
Endrin aldehyde	39	U	ug/kg	39	-				39	U	ug/kg	39	39	U	ug/kg	39
alpha-Chlordane	20	U	ug/kg	20	-				20	U	ug/kg	20	20	U	ug/kg	20
gamma-Chlordane	20	U	ug/kg	20	-				20	U	ug/kg	20	20	U	ug/kg	20
Toxaphene	2000	U	ug/kg	2000	-				2000	U	ug/kg	2000	2000	U	ug/kg	2000
Aroclor-1016	390	U	ug/kg	390	-				390	U	ug/kg	390	390	U	ug/kg	390
Aroclor-1221	790	U	ug/kg	790	-				790	U	ug/kg	790	790	U	ug/kg	790
Aroclor-1232	390	U	ug/kg	390	-				390	U	ug/kg	390	390	U	ug/kg	390
Aroclor-1242	390	U	ug/kg	390	-				390	U	ug/kg	390	390	U	ug/kg	390
Aroclor-1248	390	U	ug/kg	390	-				390	U	ug/kg	390	390	U	ug/kg	390
Aroclor-1254	390	U	ug/kg	390	-				390	U	ug/kg	390	390	U	ug/kg	390
Aroclor-1260	390	U	ug/kg	390	-				390	U	ug/kg	390	390	U	ug/kg	390

SOIL BORING -- PESTICIDES/PCBS -- VALIDATED RESULTS

	Lab Sample Number:	34597D01				34595001				34595002				34595003			
	Site	WHITING				WHITING				WHITING				WHITING			
	Locator	6SB3-0-2-MSD				6SB3-5-7				6SB3-10-12				6SB3-15-17			
	Collect Date:	05-DEC-92				05-DEC-92				05-DEC-92				05-DEC-92			
		VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL
CLP PESTICIDES/PCBS 90-SOW																	
alpha-BHC		20	U	ug/kg	20	2	UJ	ug/kg	2	1.9	UJ	ug/kg	1.9	1.8	UJ	ug/kg	1.8
beta-BHC		20	U	ug/kg	20	2	UJ	ug/kg	2	1.9	UJ	ug/kg	1.9	1.8	UJ	ug/kg	1.8
delta-BHC		20	U	ug/kg	20	2	UJ	ug/kg	2	1.9	UJ	ug/kg	1.9	1.8	UJ	ug/kg	1.8
gamma-BHC (Lindane)		14	J	ug/kg	20	2	UJ	ug/kg	2	1.9	UJ	ug/kg	1.9	1.8	UJ	ug/kg	1.8
Heptachlor		16	J	ug/kg	20	2	UJ	ug/kg	2	1.9	UJ	ug/kg	1.9	1.8	UJ	ug/kg	1.8
Aldrin		14	J	ug/kg	20	2	UJ	ug/kg	2	1.9	UJ	ug/kg	1.9	1.8	UJ	ug/kg	1.8
Heptachlor epoxide		20	U	ug/kg	20	2	UJ	ug/kg	2	1.9	UJ	ug/kg	1.9	1.8	UJ	ug/kg	1.8
Endosulfan I		20	U	ug/kg	20	2	UJ	ug/kg	2	1.9	UJ	ug/kg	1.9	1.8	UJ	ug/kg	1.8
Dieldrin		52	J	ug/kg	39	3.8	UJ	ug/kg	3.8	3.7	UJ	ug/kg	3.7	3.6	UJ	ug/kg	3.6
4,4-DDE		39	U	ug/kg	39	3.8	UJ	ug/kg	3.8	3.7	UJ	ug/kg	3.7	3.6	UJ	ug/kg	3.6
Endrin		35	J	ug/kg	39	3.8	UJ	ug/kg	3.8	3.7	UJ	ug/kg	3.7	3.6	UJ	ug/kg	3.6
Endosulfan II		39	U	ug/kg	39	3.8	UJ	ug/kg	3.8	3.7	UJ	ug/kg	3.7	3.6	UJ	ug/kg	3.6
4,4-DDD		39	U	ug/kg	39	3.8	UJ	ug/kg	3.8	3.7	UJ	ug/kg	3.7	3.6	UJ	ug/kg	3.6
Endosulfan sulfate		39	U	ug/kg	39	3.8	UJ	ug/kg	3.8	3.7	UJ	ug/kg	3.7	3.6	UJ	ug/kg	3.6
4,4-DDT		37	J	ug/kg	39	3.8	UJ	ug/kg	3.8	3.7	UJ	ug/kg	3.7	3.6	UJ	ug/kg	3.6
Methoxychlor		200	U	ug/kg	200	20	UJ	ug/kg	20	19	UJ	ug/kg	19	18	UJ	ug/kg	18
Endrin ketone		39	U	ug/kg	39	3.8	UJ	ug/kg	3.8	3.7	UJ	ug/kg	3.7	3.6	UJ	ug/kg	3.6
Endrin aldehyde		39	U	ug/kg	39	3.8	UJ	ug/kg	3.8	3.7	UJ	ug/kg	3.7	3.6	UJ	ug/kg	3.6
alpha-Chlordane		20	U	ug/kg	20	2	UJ	ug/kg	2	1.9	UJ	ug/kg	1.9	1.8	UJ	ug/kg	1.8
gamma-Chlordane		20	U	ug/kg	20	2	UJ	ug/kg	2	1.9	UJ	ug/kg	1.9	1.8	UJ	ug/kg	1.8
Toxaphene		2000	U	ug/kg	2000	200	UJ	ug/kg	200	190	UJ	ug/kg	190	180	UJ	ug/kg	180
Aroclor-1016		390	U	ug/kg	390	38	UJ	ug/kg	38	37	UJ	ug/kg	37	36	UJ	ug/kg	36
Aroclor-1221		790	U	ug/kg	790	77	UJ	ug/kg	77	76	UJ	ug/kg	76	73	UJ	ug/kg	73
Aroclor-1232		390	U	ug/kg	390	38	UJ	ug/kg	38	37	UJ	ug/kg	37	36	UJ	ug/kg	36
Aroclor-1242		390	U	ug/kg	390	38	UJ	ug/kg	38	37	UJ	ug/kg	37	36	UJ	ug/kg	36
Aroclor-1248		390	U	ug/kg	390	38	UJ	ug/kg	38	37	UJ	ug/kg	37	36	UJ	ug/kg	36
Aroclor-1254		390	U	ug/kg	390	38	UJ	ug/kg	38	37	UJ	ug/kg	37	36	UJ	ug/kg	36
Aroclor-1260		390	U	ug/kg	390	38	UJ	ug/kg	38	37	UJ	ug/kg	37	36	UJ	ug/kg	36

SOIL BORING -- PESTICIDES/PCBS -- VALIDATED RESULTS

	34595004				34595005				34595008			
Lab Sample Number:												
Site	WHITING				WHITING				WHITING			
Locator	6SB3-25-27				6SB3-60-62				6SB3-117-119			
Collect Date:	05-DEC-92				05-DEC-92				05-DEC-92			
	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL
CLP PESTICIDES/PCBS 90-SOW												
alpha-BHC	1.8	UJ	ug/kg	1.8	2	UJ	ug/kg	2	2.2	UJ	ug/kg	2.2
beta-BHC	1.8	UJ	ug/kg	1.8	2	UJ	ug/kg	2	2.2	UJ	ug/kg	2.2
delta-BHC	1.8	UJ	ug/kg	1.8	2	UJ	ug/kg	2	2.2	UJ	ug/kg	2.2
gamma-BHC (Lindane)	1.8	UJ	ug/kg	1.8	2	UJ	ug/kg	2	2.2	UJ	ug/kg	2.2
Heptachlor	1.8	UJ	ug/kg	1.8	2	UJ	ug/kg	2	2.2	UJ	ug/kg	2.2
Aldrin	1.8	UJ	ug/kg	1.8	2	UJ	ug/kg	2	2.2	UJ	ug/kg	2.2
Heptachlor epoxide	1.8	UJ	ug/kg	1.8	2	UJ	ug/kg	2	2.2	UJ	ug/kg	2.2
Endosulfan I	1.8	UJ	ug/kg	1.8	2	UJ	ug/kg	2	2.2	UJ	ug/kg	2.2
Dieldrin	3.4	UJ	ug/kg	3.4	3.8	UJ	ug/kg	3.8	4.2	UJ	ug/kg	4.2
4,4-DDE	3.4	UJ	ug/kg	3.4	3.8	UJ	ug/kg	3.8	4.2	UJ	ug/kg	4.2
Endrin	3.4	UJ	ug/kg	3.4	3.8	UJ	ug/kg	3.8	4.2	UJ	ug/kg	4.2
Endosulfan II	3.4	UJ	ug/kg	3.4	3.8	UJ	ug/kg	3.8	4.2	UJ	ug/kg	4.2
4,4-DDD	3.4	UJ	ug/kg	3.4	3.8	UJ	ug/kg	3.8	4.2	UJ	ug/kg	4.2
Endosulfan sulfate	3.4	UJ	ug/kg	3.4	3.8	UJ	ug/kg	3.8	4.2	UJ	ug/kg	4.2
4,4-DDT	3.4	UJ	ug/kg	3.4	3.8	UJ	ug/kg	3.8	4.2	UJ	ug/kg	4.2
Methoxychlor	18	UJ	ug/kg	18	20	UJ	ug/kg	20	22	UJ	ug/kg	22
Endrin ketone	3.4	UJ	ug/kg	3.4	3.8	UJ	ug/kg	3.8	4.2	UJ	ug/kg	4.2
Endrin aldehyde	3.4	UJ	ug/kg	3.4	3.8	UJ	ug/kg	3.8	4.2	UJ	ug/kg	4.2
alpha-Chlordane	1.8	UJ	ug/kg	1.8	2	UJ	ug/kg	2	2.2	UJ	ug/kg	2.2
gamma-Chlordane	1.8	UJ	ug/kg	1.8	2	UJ	ug/kg	2	2.2	UJ	ug/kg	2.2
Toxaphene	180	UJ	ug/kg	180	200	UJ	ug/kg	200	220	UJ	ug/kg	220
Aroclor-1016	34	UJ	ug/kg	34	38	UJ	ug/kg	38	42	UJ	ug/kg	42
Aroclor-1221	70	UJ	ug/kg	70	78	UJ	ug/kg	78	85	UJ	ug/kg	85
Aroclor-1232	34	UJ	ug/kg	34	38	UJ	ug/kg	38	42	UJ	ug/kg	42
Aroclor-1242	34	UJ	ug/kg	34	38	UJ	ug/kg	38	42	UJ	ug/kg	42
Aroclor-1248	34	UJ	ug/kg	34	38	UJ	ug/kg	38	42	UJ	ug/kg	42
Aroclor-1254	34	UJ	ug/kg	34	38	UJ	ug/kg	38	42	UJ	ug/kg	42
Aroclor-1260	34	UJ	ug/kg	34	38	UJ	ug/kg	38	42	UJ	ug/kg	42

08/10/93 WHITING FIELD ANALYTICAL RESULT REPORT 16:39:29
SOIL BORING -- PESTICIDES/PCBS -- VALIDATED RESULTS

	34587007				34587008				34587009				34587010			
Lab Sample Number:																
Site	WHITING				WHITING				WHITING				WHITING			
Locator	6SB4-0-2				6SB4-5-7				6SB4-10-12				6SB4-20-22			
Collect Date:	04-DEC-92				04-DEC-92				04-DEC-92				04-DEC-92			
	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL
CLP PESTICIDES/PCBS 90-SOW																
alpha-BHC	8.2	UJ	ug/kg	8.2	1.9	UJ	ug/kg	1.9	2	UJ	ug/kg	2	1.9	UJ	ug/kg	1.9
beta-BHC	8.2	UJ	ug/kg	8.2	1.9	UJ	ug/kg	1.9	2	UJ	ug/kg	2	1.9	UJ	ug/kg	1.9
delta-BHC	8.2	UJ	ug/kg	8.2	1.9	UJ	ug/kg	1.9	2	UJ	ug/kg	2	1.9	UJ	ug/kg	1.9
gamma-BHC (Lindane)	8.2	UJ	ug/kg	8.2	1.9	UJ	ug/kg	1.9	2	UJ	ug/kg	2	1.9	UJ	ug/kg	1.9
Heptachlor	8.2	UJ	ug/kg	8.2	1.9	UJ	ug/kg	1.9	2	UJ	ug/kg	2	1.9	UJ	ug/kg	1.9
Aldrin	8.2	UJ	ug/kg	8.2	1.9	UJ	ug/kg	1.9	2	UJ	ug/kg	2	1.9	UJ	ug/kg	1.9
Heptachlor epoxide	8.2	UJ	ug/kg	8.2	1.9	UJ	ug/kg	1.9	2	UJ	ug/kg	2	1.9	UJ	ug/kg	1.9
Endosulfan I	8.2	UJ	ug/kg	8.2	1.9	UJ	ug/kg	1.9	2	UJ	ug/kg	2	1.9	UJ	ug/kg	1.9
Dieldrin	30	J	ug/kg	16	3.7	UJ	ug/kg	3.7	3.8	UJ	ug/kg	3.8	3.7	UJ	ug/kg	3.7
4,4-DDE	24	J	ug/kg	16	3.7	UJ	ug/kg	3.7	3.8	UJ	ug/kg	3.8	3.7	UJ	ug/kg	3.7
Endrin	16	UJ	ug/kg	16	3.7	UJ	ug/kg	3.7	3.8	UJ	ug/kg	3.8	3.7	UJ	ug/kg	3.7
Endosulfan II	16	UJ	ug/kg	16	3.7	UJ	ug/kg	3.7	3.8	UJ	ug/kg	3.8	3.7	UJ	ug/kg	3.7
4,4-DDD	130	J	ug/kg	16	3.7	UJ	ug/kg	3.7	3.8	UJ	ug/kg	3.8	3.7	UJ	ug/kg	3.7
Endosulfan sulfate	16	UJ	ug/kg	16	3.7	UJ	ug/kg	3.7	3.8	UJ	ug/kg	3.8	3.7	UJ	ug/kg	3.7
4,4-DDT	16	UJ	ug/kg	16	3.7	UJ	ug/kg	3.7	3.8	UJ	ug/kg	3.8	3.7	UJ	ug/kg	3.7
Methoxychlor	82	UJ	ug/kg	82	19	UJ	ug/kg	19	20	UJ	ug/kg	20	19	UJ	ug/kg	19
Endrin ketone	16	UJ	ug/kg	16	3.7	UJ	ug/kg	3.7	3.8	UJ	ug/kg	3.8	3.7	UJ	ug/kg	3.7
Endrin aldehyde	16	UJ	ug/kg	16	3.7	UJ	ug/kg	3.7	3.8	UJ	ug/kg	3.8	3.7	UJ	ug/kg	3.7
alpha-Chlordane	8.2	UJ	ug/kg	8.2	1.9	UJ	ug/kg	1.9	2	UJ	ug/kg	2	1.9	UJ	ug/kg	1.9
gamma-Chlordane	8.2	UJ	ug/kg	8.2	1.9	UJ	ug/kg	1.9	2	UJ	ug/kg	2	1.9	UJ	ug/kg	1.9
Toxaphene	820	UJ	ug/kg	820	190	UJ	ug/kg	190	200	UJ	ug/kg	200	190	UJ	ug/kg	190
Aroclor-1016	160	UJ	ug/kg	160	37	UJ	ug/kg	37	38	UJ	ug/kg	38	37	UJ	ug/kg	37
Aroclor-1221	320	UJ	ug/kg	320	75	UJ	ug/kg	75	78	UJ	ug/kg	78	76	UJ	ug/kg	76
Aroclor-1232	160	UJ	ug/kg	160	37	UJ	ug/kg	37	38	UJ	ug/kg	38	37	UJ	ug/kg	37
Aroclor-1242	160	UJ	ug/kg	160	37	UJ	ug/kg	37	38	UJ	ug/kg	38	37	UJ	ug/kg	37
Aroclor-1248	160	UJ	ug/kg	160	37	UJ	ug/kg	37	38	UJ	ug/kg	38	37	UJ	ug/kg	37
Aroclor-1254	160	UJ	ug/kg	160	37	UJ	ug/kg	37	38	UJ	ug/kg	38	37	UJ	ug/kg	37
Aroclor-1260	600	J	ug/kg	160	37	UJ	ug/kg	37	38	UJ	ug/kg	38	37	UJ	ug/kg	37

08/10/93 WHITING FIELD ANALYTICAL RESULT REPORT 16:41:42
SOIL BORING -- PESTICIDES/PCBS -- VALIDATED RESULTS

Lab Sample Number:	34587012				34595006			
Site	WHITING				WHITING			
Locator	6SBRB04				6SBRB5			
Collect Date:	04-DEC-92				05-DEC-92			
	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL
CLP PESTICIDES/PCBS 90-SOW								
alpha-BHC	.05	UJ	ug/l	.05	.05	UJ	ug/l	.05
beta-BHC	.05	UJ	ug/l	.05	.05	UJ	ug/l	.05
delta-BHC	.05	UJ	ug/l	.05	.05	UJ	ug/l	.05
gamma-BHC (Lindane)	.05	UJ	ug/l	.05	.05	UJ	ug/l	.05
Heptachlor	.05	UJ	ug/l	.05	.05	UJ	ug/l	.05
Aldrin	.05	UJ	ug/l	.05	.05	UJ	ug/l	.05
Heptachlor epoxide	.05	UJ	ug/l	.05	.05	UJ	ug/l	.05
Endosulfan I	.05	UJ	ug/l	.05	.05	UJ	ug/l	.05
Dieldrin	.1	UJ	ug/l	.1	.1	UJ	ug/l	.1
4,4-DDE	.1	UJ	ug/l	.1	.1	UJ	ug/l	.1
Endrin	.1	UJ	ug/l	.1	.1	UJ	ug/l	.1
Endosulfan II	.1	UJ	ug/l	.1	.1	UJ	ug/l	.1
4,4-DDD	.1	UJ	ug/l	.1	.1	UJ	ug/l	.1
Endosulfan sulfate	.1	UJ	ug/l	.1	.1	UJ	ug/l	.1
4,4-DDT	.1	UJ	ug/l	.1	.1	UJ	ug/l	.1
Methoxychlor	.5	UJ	ug/l	.5	.5	UJ	ug/l	.5
Endrin ketone	.1	UJ	ug/l	.1	.1	UJ	ug/l	.1
Endrin aldehyde	.1	UJ	ug/l	.1	.1	UJ	ug/l	.1
alpha-Chlordane	.05	UJ	ug/l	.05	.05	UJ	ug/l	.05
gamma-Chlordane	.05	UJ	ug/l	.05	.05	UJ	ug/l	.05
Toxaphene	5	UJ	ug/l	5	5	UJ	ug/l	5
Aroclor-1016	1	UJ	ug/l	1	1	UJ	ug/l	1
Aroclor-1221	2	UJ	ug/l	2	2	UJ	ug/l	2
Aroclor-1232	1	UJ	ug/l	1	1	UJ	ug/l	1
Aroclor-1242	1	UJ	ug/l	1	1	UJ	ug/l	1
Aroclor-1248	1	UJ	ug/l	1	1	UJ	ug/l	1
Aroclor-1254	1	UJ	ug/l	1	1	UJ	ug/l	1
Aroclor-1260	1	UJ	ug/l	1	1	UJ	ug/l	1

08/10/93 WHITING FIELD ANALYTICAL RESULT REPORT 16:20:33
SOIL BORING -- METALS/CYANIDE -- VALIDATED RESULTS

Lab Sample Number:	34587002				34587001				34587003			
Site	WHITING				WHITING				WHITING			
Locator	6SB1-15-17				6SB1-5-7				6SB1-20-22			
Collect Date:	04-DEC-92				04-DEC-92				04-DEC-92			
	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL
CLP METALS AND CYANIDE												
Aluminum	9390		mg/kg	40	14300		mg/kg	40	2120		mg/kg	40
Antimony	2.8	U	mg/kg	12	2.8	U	mg/kg	12	2.6	U	mg/kg	12
Arsenic	1.3	J	mg/kg	2	1.6	J	mg/kg	2	.15	J	mg/kg	2
Barium	3.8	J	mg/kg	40	12.8	J	mg/kg	40	.66	J	mg/kg	40
Beryllium	.12	U	mg/kg	1	.18	J	mg/kg	1	.11	U	mg/kg	1
Cadmium	.68	J	mg/kg	1	.62	J	mg/kg	1	.33	J	mg/kg	1
Calcium	203	J	mg/kg	1000	329	J	mg/kg	1000	101	J	mg/kg	1000
Chromium	27.8		mg/kg	2	14.3		mg/kg	2	4.9		mg/kg	2
Cobalt	1.3	U	mg/kg	10	1.4	U	mg/kg	10	1.2	U	mg/kg	10
Copper	4.7	J	mg/kg	5	5.5	J	mg/kg	5	1.6	J	mg/kg	5
Iron	18900		mg/kg	20	12300		mg/kg	20	4480		mg/kg	20
Lead	3.4		mg/kg	1	21.1		mg/kg	1	.71		mg/kg	1
Magnesium	72.2	J	mg/kg	1000	81.8	J	mg/kg	1000	15.7	J	mg/kg	1000
Manganese	14.6		mg/kg	3	73.7		mg/kg	3	2.3	J	mg/kg	3
Mercury	.03	U	mg/kg	.1	.03	U	mg/kg	.1	.03	U	mg/kg	.1
Nickel	1.8	U	mg/kg	8	2	J	mg/kg	8	1.7	U	mg/kg	8
Potassium	44.2	U	mg/kg	1000	94.2	J	mg/kg	1000	41.1	U	mg/kg	1000
Selenium	.12	U	mg/kg	1	.12	U	mg/kg	1	.11	U	mg/kg	1
Silver	.49	UJ	mg/kg	2	.49	UJ	mg/kg	2	.45	UJ	mg/kg	2
Sodium	218	J	mg/kg	1000	226	J	mg/kg	1000	143	J	mg/kg	1000
Thallium	.16	J	mg/kg	2	.35	J	mg/kg	2	.17	J	mg/kg	2
Vanadium	53.1		mg/kg	10	31.9		mg/kg	10	12.9		mg/kg	10
Zinc	6.2	J	mg/kg	4	13.1		mg/kg	4	1.8	J	mg/kg	4
Cyanide	.17	U	mg/kg	1	.18	U	mg/kg	1	.16	U	mg/kg	1

08/10/93 WHITING FIELD ANALYTICAL RESULT REPORT 16:22:22
SOIL BORING -- METALS/CYANIDE -- VALIDATED RESULTS

Lab Sample Number:	34587004				34587005				34587006			
Site	WHITING				WHITING				WHITING			
Locator	6SB2-0-2				6SB2-15-17				6SB2-20-22			
Collect Date:	04-DEC-92				04-DEC-92				04-DEC-92			
	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL
CLP METALS AND CYANIDE												
Aluminum	20200		mg/kg	40	39800		mg/kg	40	337		mg/kg	40
Antimony	2.7	U	mg/kg	12	2.9	U	mg/kg	12	2.6	U	mg/kg	12
Arsenic	2.1	J	mg/kg	2	.31	J	mg/kg	2	.15	U	mg/kg	2
Barium	19.4	J	mg/kg	40	10.1	J	mg/kg	40	.41	J	mg/kg	40
Beryllium	.37	J	mg/kg	1	.2	J	mg/kg	1	.11	U	mg/kg	1
Cadmium	.75	J	mg/kg	1	.59	J	mg/kg	1	.25	U	mg/kg	1
Calcium	500	J	mg/kg	1000	314	J	mg/kg	1000	93.1	J	mg/kg	1000
Chromium	16.3		mg/kg	2	39.4		mg/kg	2	1.1	J	mg/kg	2
Cobalt	1.9	J	mg/kg	10	1.4	U	mg/kg	10	1.2	U	mg/kg	10
Copper	6.4		mg/kg	5	10.3		mg/kg	5	.44	J	mg/kg	5
Iron	14800		mg/kg	20	17600		mg/kg	20	237		mg/kg	20
Lead	14.7		mg/kg	1	6.9		mg/kg	1	.59	J	mg/kg	1
Magnesium	145	J	mg/kg	1000	143	J	mg/kg	1000	11	J	mg/kg	1000
Manganese	180		mg/kg	3	13.9		mg/kg	3	.77	J	mg/kg	3
Mercury	.04	J	mg/kg	.1	.03	U	mg/kg	.1	.03	U	mg/kg	.1
Nickel	2.1	J	mg/kg	8	2.8	J	mg/kg	8	1.6	U	mg/kg	8
Potassium	130	J	mg/kg	1000	141	J	mg/kg	1000	40.5	U	mg/kg	1000
Selenium	.11	U	mg/kg	1	.27	J	mg/kg	1	.11	U	mg/kg	1
Silver	.47	UJ	mg/kg	2	.5	U	mg/kg	2	.44	UJ	mg/kg	2
Sodium	162	J	mg/kg	1000	136	J	mg/kg	1000	150	J	mg/kg	1000
Thallium	.16	U	mg/kg	2	.17	U	mg/kg	2	.17	J	mg/kg	2
Vanadium	38		mg/kg	10	56.8		mg/kg	10	1	J	mg/kg	10
Zinc	9.2		mg/kg	4	8.1		mg/kg	4	1.7	J	mg/kg	4
Cyanide	.17	U	mg/kg	1	.18	U	mg/kg	1	.16	U	mg/kg	1

08/10/93 WHITING FIELD ANALYTICAL RESULT REPORT 16:24:41
SOIL BORING -- METALS/CYANIDE -- VALIDATED RESULTS

Lab Sample Number:		34597001				34597001				34597002				34597M01	
Site		WHITING				WHITING				WHITING				WHITING	
Locator		6SB3-0-2				6SB3-0-2				6SB3-0-2A				6SB3-0-2-MS	
Collect Date:		05-DEC-92				05-DEC-92				05-DEC-92				05-DEC-92	
	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL
CLP METALS AND CYANIDE																
Aluminum	-				11800		mg/kg	40	8460		mg/kg	40	-			
Antimony	-				2.8	U	mg/kg	12	2.8	U	mg/kg	12	-			
Arsenic	-				3.5		mg/kg	2	2.2	J	mg/kg	2	-			
Barium	-				14.4	J	mg/kg	40	13.8	J	mg/kg	40	-			
Beryllium	-				.25	J	mg/kg	1	.19	J	mg/kg	1	-			
Cadmium	-				1.9		mg/kg	1	2		mg/kg	1	-			
Calcium	-				592	J	mg/kg	1000	664	J	mg/kg	1000	-			
Chromium	-				65	J	mg/kg	2	51.6	J	mg/kg	2	-			
Cobalt	-				1.4	U	mg/kg	10	1.4	U	mg/kg	10	-			
Copper	-				9		mg/kg	5	35.7		mg/kg	5	-			
Iron	-				13300		mg/kg	20	10900		mg/kg	20	-			
Lead	-				252	J	mg/kg	1	202	J	mg/kg	1	-			
Magnesium	-				108	J	mg/kg	1000	103	J	mg/kg	1000	-			
Manganese	-				50		mg/kg	3	42.7		mg/kg	3	-			
Mercury	-				.03	J	mg/kg	.1	.03	J	mg/kg	.1	-			
Nickel	-				2.1	J	mg/kg	8	3.1	J	mg/kg	8	-			
Potassium	-				82.6	UJ	mg/kg	1000	63.1	UJ	mg/kg	1000	-			
Selenium	-				.12	UJ	mg/kg	1	.12	UJ	mg/kg	1	-			
Silver	-				.49	UJ	mg/kg	2	.69	J	mg/kg	2	-			
Sodium	-				233	J	mg/kg	1000	198	J	mg/kg	1000	-			
Thallium	-				.21	UJ	mg/kg	2	.23	UJ	mg/kg	2	-			
Vanadium	-				35.4		mg/kg	10	28.4		mg/kg	10	-			
Zinc	-				58.2		mg/kg	4	64.3		mg/kg	4	-			
Cyanide	-				.18	U	mg/kg	1	.18	U	mg/kg	1	-			

08/10/93 WHITING FIELD ANALYTICAL RESULT REPORT 16:24:41
SOIL BORING -- METALS/CYANIDE -- VALIDATED RESULTS

Lab Sample Number:	34597D01				34595001				34595002				34595003			
Site	WHITING				WHITING				WHITING				WHITING			
Locator	6SB3-0-2-MSD				6SB3-5-7				6SB3-10-12				6SB3-15-17			
Collect Date:	05-DEC-92				05-DEC-92				05-DEC-92				05-DEC-92			
	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL
CLP METALS AND CYANIDE																
Aluminum	-				24300		mg/kg	40	2250		mg/kg	40	2120		mg/kg	40
Antimony	-				2.8	U	mg/kg	12	2.8	U	mg/kg	12	2.6	U	mg/kg	12
Arsenic	-				.99	J	mg/kg	2	1.5	J	mg/kg	2	1.1	J	mg/kg	2
Barium	-				6	J	mg/kg	40	2	J	mg/kg	40	.67	J	mg/kg	40
Beryllium	-				.12	U	mg/kg	1	.11	U	mg/kg	1	.11	U	mg/kg	1
Cadmium	-				.86	J	mg/kg	1	.41	J	mg/kg	1	.26	U	mg/kg	1
Calcium	-				318	J	mg/kg	1000	248	J	mg/kg	1000	123	J	mg/kg	1000
Chromium	-				30		mg/kg	2	11.5		mg/kg	2	3.1		mg/kg	2
Cobalt	-				1.3	U	mg/kg	10	1.3	U	mg/kg	10	1.3	U	mg/kg	10
Copper	-				7.2		mg/kg	5	1.8	J	mg/kg	5	1.2	J	mg/kg	5
Iron	-				17500		mg/kg	20	11400		mg/kg	20	3490		mg/kg	20
Lead	-				19.7		mg/kg	1	8.2		mg/kg	1	1.2		mg/kg	1
Magnesium	-				84.1	J	mg/kg	1000	24.8	J	mg/kg	1000	15.9	J	mg/kg	1000
Manganese	-				27.1		mg/kg	3	14.2		mg/kg	3	3.9		mg/kg	3
Mercury	-				.03	U	mg/kg	.1	.03	U	mg/kg	.1	.03	U	mg/kg	.1
Nickel	-				1.8	U	mg/kg	8	1.8	U	mg/kg	8	1.7	U	mg/kg	8
Potassium	-				94.6	J	mg/kg	1000	43.6	U	mg/kg	1000	49.6	J	mg/kg	1000
Selenium	-				.12	U	mg/kg	1	.16	J	mg/kg	1	.11	U	mg/kg	1
Silver	-				.48	UJ	mg/kg	2	.48	UJ	mg/kg	2	.46	UJ	mg/kg	2
Sodium	-				235	J	mg/kg	1000	247	J	mg/kg	1000	147	J	mg/kg	1000
Thallium	-				.18	J	mg/kg	2	.25	J	mg/kg	2	.15	U	mg/kg	2
Vanadium	-				48.9		mg/kg	10	32.2		mg/kg	10	9.7	J	mg/kg	10
Zinc	-				15.4		mg/kg	4	4.5	J	mg/kg	4	2.6	J	mg/kg	4
Cyanide	-				.17	U	mg/kg	1	.17	U	mg/kg	1	.16	U	mg/kg	1

08/10/93 WHITING FIELD ANAL)..CAL RESULT REPORT 16:24:41
SOIL BORING -- METALS/CYANIDE -- VALIDATED RESULTS

	34595004				34595005				34595008			
Lab Sample Number:												
Site	WHITING				WHITING				WHITING			
Locator	6SB3-25-27				6SB3-60-62				6SB3-117-119			
Collect Date:	05-DEC-92				05-DEC-92				05-DEC-92			
	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL
CLP METALS AND CYANIDE												
Aluminum	175		mg/kg	40	588		mg/kg	40	1750		mg/kg	40
Antimony	2.5	U	mg/kg	12	2.8	U	mg/kg	12	3	U	mg/kg	12
Arsenic	.15	U	mg/kg	2	.16	U	mg/kg	2	1.3	J	mg/kg	2
Barium	.33	J	mg/kg	40	1.8	J	mg/kg	40	4	J	mg/kg	40
Beryllium	.1	U	mg/kg	1	.12	U	mg/kg	1	.13	U	mg/kg	1
Cadmium	.25	U	mg/kg	1	.28	U	mg/kg	1	.3	U	mg/kg	1
Calcium	90.9	J	mg/kg	1000	159	J	mg/kg	1000	341	J	mg/kg	1000
Chromium	.77	U	mg/kg	2	1.4	J	mg/kg	2	6.2		mg/kg	2
Cobalt	1.2	U	mg/kg	10	1.3	U	mg/kg	10	1.5	U	mg/kg	10
Copper	.66	J	mg/kg	5	.73	J	mg/kg	5	3.3		mg/kg	5
Iron	261		mg/kg	20	427		mg/kg	20	2450		mg/kg	20
Lead	.19	J	mg/kg	1	1.2		mg/kg	1	4.1		mg/kg	1
Magnesium	10.2	J	mg/kg	1000	43	J	mg/kg	1000	86	J	mg/kg	1000
Manganese	1.3	J	mg/kg	3	1.3	J	mg/kg	3	1.4	J	mg/kg	3
Mercury	.03	U	mg/kg	.1	.03	U	mg/kg	.1	.13		mg/kg	.1
Nickel	1.6	U	mg/kg	8	1.8	U	mg/kg	8	1.9	U	mg/kg	8
Potassium	39.8	U	mg/kg	1000	60.6	J	mg/kg	1000	178	J	mg/kg	1000
Selenium	.1	U	mg/kg	1	.13	J	mg/kg	1	.13	U	mg/kg	1
Silver	.44	UJ	mg/kg	2	.49	UJ	mg/kg	2	.53	UJ	mg/kg	2
Sodium	172	J	mg/kg	1000	270	J	mg/kg	1000	239	J	mg/kg	1000
Thallium	.15	U	mg/kg	2	.16	U	mg/kg	2	.18	U	mg/kg	2
Vanadium	1	J	mg/kg	10	2.9	J	mg/kg	10	12.7		mg/kg	10
Zinc	2.4	J	mg/kg	4	1.5	J	mg/kg	4	2.9	J	mg/kg	4
Cyanide	.16	U	mg/kg	1	.17	U	mg/kg	1	.19	U	mg/kg	1

08/10/93 WHITING FIELD ANALYTICAL RESULT REPORT 16:29:12
SOIL BORING -- METALS/CYANIDE -- VALIDATED RESULTS

Lab Sample Number:	34587007				34587008				34587009				34587010			
Site	WHITING				WHITING				WHITING				WHITING			
Locator	6SB4-0-2				6SB4-5-7				6SB4-10-12				6SB4-20-22			
Collect Date:	04-DEC-92				04-DEC-92				04-DEC-92				04-DEC-92			
	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL
CLP METALS AND CYANIDE																
Aluminum	29100		mg/kg	40	3780		mg/kg	40	14800		mg/kg	40	2520		mg/kg	40
Antimony	2.9	U	mg/kg	12	2.7	U	mg/kg	12	2.8	U	mg/kg	12	2.8	U	mg/kg	12
Arsenic	3.4		mg/kg	2	2.1	J	mg/kg	2	2.7		mg/kg	2	.2	J	mg/kg	2
Barium	11.2	J	mg/kg	40	3	J	mg/kg	40	3.6	J	mg/kg	40	2	J	mg/kg	40
Beryllium	.12	U	mg/kg	1	.11	U	mg/kg	1	.12	U	mg/kg	1	.11	U	mg/kg	1
Cadmium	2.1		mg/kg	1	.27	U	mg/kg	1	.4	J	mg/kg	1	.28	J	mg/kg	1
Calcium	209	J	mg/kg	1000	101	J	mg/kg	1000	153	J	mg/kg	1000	121	J	mg/kg	1000
Chromium	30		mg/kg	2	8.7		mg/kg	2	13.8		mg/kg	2	5.1		mg/kg	2
Cobalt	1.4	U	mg/kg	10	1.3	U	mg/kg	10	1.3	U	mg/kg	10	1.3	U	mg/kg	10
Copper	50.5		mg/kg	5	2.7	J	mg/kg	5	5	J	mg/kg	5	2.8	J	mg/kg	5
Iron	10000		mg/kg	20	9840		mg/kg	20	11200		mg/kg	20	1230		mg/kg	20
Lead	18.6		mg/kg	1	3.9		mg/kg	1	3.7		mg/kg	1	2.1		mg/kg	1
Magnesium	131	J	mg/kg	1000	23	J	mg/kg	1000	52.6	J	mg/kg	1000	29.2	J	mg/kg	1000
Manganese	20		mg/kg	3	13.7		mg/kg	3	14.9		mg/kg	3	4.2		mg/kg	3
Mercury	.13		mg/kg	.1	.03	J	mg/kg	.1	.03	U	mg/kg	.1	.03	U	mg/kg	.1
Nickel	1.9	U	mg/kg	8	1.7	U	mg/kg	8	1.8	U	mg/kg	8	1.8	U	mg/kg	8
Potassium	121	J	mg/kg	1000	58.4	J	mg/kg	1000	97.2	J	mg/kg	1000	43.5	U	mg/kg	1000
Selenium	.12	UJ	mg/kg	1	.11	U	mg/kg	1	.12	U	mg/kg	1	.11	U	mg/kg	1
Silver	.51	U	mg/kg	2	.47	UJ	mg/kg	2	.49	UJ	mg/kg	2	.48	UJ	mg/kg	2
Sodium	197	J	mg/kg	1000	200	J	mg/kg	1000	177	J	mg/kg	1000	184	J	mg/kg	1000
Thallium	.17	J	mg/kg	2	.16	U	mg/kg	2	.16	U	mg/kg	2	.16	U	mg/kg	2
Vanadium	42.2		mg/kg	10	28.9		mg/kg	10	32.5		mg/kg	10	5.3	J	mg/kg	10
Zinc	162		mg/kg	4	4.5	J	mg/kg	4	6.1	J	mg/kg	4	9.8		mg/kg	4
Cyanide	.18	U	mg/kg	1	.17	U	mg/kg	1	.17	U	mg/kg	1	.17	U	mg/kg	1

08/10/93 WHITING FIELD ANALYTICAL RESULT REPORT 16:30:54
SOIL BORING -- METALS/CYANIDE -- VALIDATED RESULTS

Lab Sample Number:	34587012				34595006				34587011				34595007			
Site	WHITING				WHITING				WHITING				WHITING			
Locator	6SBRB04				6SBRB5				6SBTB4				6SBTB5			
Collect Date:	04-DEC-92				05-DEC-92				04-DEC-92				05-DEC-92			
	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL
CLP METALS AND CYANIDE																
Aluminum	31	U	ug/l	200	31	U	ug/l	200	-				-			
Antimony	12.1	U	ug/l	60	12.1	U	ug/l	60	-				-			
Arsenic	.7	U	ug/l	10	.7	U	ug/l	10	-				-			
Barium	.1	U	ug/l	200	.1	U	ug/l	200	-				-			
Beryllium	.5	U	ug/l	5	.5	U	ug/l	5	-				-			
Cadmium	1.2	UJ	ug/l	5	1.2	UJ	ug/l	5	-				-			
Calcium	103	U	ug/l	5000	120	J	ug/l	5000	-				-			
Chromium	3.7	U	ug/l	10	3.7	U	ug/l	10	-				-			
Cobalt	5.8	U	ug/l	50	6.6	J	ug/l	50	-				-			
Copper	.9	U	ug/l	25	.9	U	ug/l	25	-				-			
Iron	17.1	J	ug/l	100	16.6	J	ug/l	100	-				-			
Lead	.6	U	ug/l	5	.6	U	ug/l	5	-				-			
Magnesium	14.3	U	ug/l	5000	14.3	U	ug/l	5000	-				-			
Manganese	.8	U	ug/l	15	.8	U	ug/l	15	-				-			
Mercury	.1	U	ug/l	.2	.1	U	ug/l	.2	-				-			
Nickel	7.7	U	ug/l	40	7.7	U	ug/l	40	-				-			
Potassium	191	U	ug/l	5000	191	U	ug/l	5000	-				-			
Selenium	.5	U	ug/l	5	.5	U	ug/l	5	-				-			
Silver	2.1	U	ug/l	10	2.1	U	ug/l	10	-				-			
Sodium	37.1	J	ug/l	5000	32.1	J	ug/l	5000	-				-			
Thallium	.7	U	ug/l	10	.7	U	ug/l	10	-				-			
Vanadium	1.9	U	ug/l	50	1.9	U	ug/l	50	-				-			
Zinc	3.1	J	ug/l	20	3.1	J	ug/l	20	-				-			
Cyanide	3	U	ug/l	10	3	U	ug/l	10	-				-			

08/04/94 WHITING FIELD SITE 6 - TPH 14:43:51
SOIL BORINGS

Lab Sample Number:	34587007			34587008			34587009			34587010		
Site	WHITING			WHITING			WHITING			WHITING		
Locator	6SB4-0-2			6SB4-5-7			6SB4-10-12			6SB4-20-22		
Collect Date:	04-DEC-92			04-DEC-92			04-DEC-92			04-DEC-92		
	VALUE	QUAL UNITS	DL	VALUE	QUAL UNITS	DL	VALUE	QUAL UNITS	DL	VALUE	QUAL UNITS	DL
TOTAL PETROLEUM HYDROCARBON												
Total petroleum hydrocarbon	3580	mg/kg		10	mg/kg		7.1	mg/kg		24.1	mg/kg	

SITE 12

08/30/94 WHITING FIELD - SITE 12 - MOUND / LAND SURFACE INTERFACE 14:54:24
VALIDATED ANALYTICAL RESULTS

Lab Sample Number:	94009003				94009004				94009005				94010001			
Site	WHITING				WHITING				WHITING				WHITING			
Locator	12-SS1				12-SS2				12-SS3				12-SS4			
Collect Date:	20-JUL-93				20-JUL-93				20-JUL-93				20-JUL-93			
	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL
CLP METALS AND CYANIDE																
Aluminum	7430		mg/kg	40	12400		mg/kg	40	12100		mg/kg	40	11400	J	mg/kg	40
Antimony	2.7	U	mg/kg	12	2.7	U	mg/kg	12	2.6	U	mg/kg	12	2.6	U	mg/kg	12
Arsenic	.74	J	mg/kg	2	.7	J	mg/kg	2	1.2	J	mg/kg	2	1	J	mg/kg	2
Barium	18.8	J	mg/kg	40	15.3	J	mg/kg	40	11.5	J	mg/kg	40	8.9	J	mg/kg	40
Beryllium	.24	J	mg/kg	1	.11	U	mg/kg	1	.1	U	mg/kg	1	.1	U	mg/kg	1
Cadmium	.16	J	mg/kg	1	.15	U	mg/kg	1	.3	J	mg/kg	1	.25	J	mg/kg	1
Calcium	5960		mg/kg	1000	666	J	mg/kg	1000	760	J	mg/kg	1000	2760		mg/kg	1000
Chromium	5.8		mg/kg	2	12.5		mg/kg	2	12.3		mg/kg	2	9.2		mg/kg	2
Cobalt	1.1	U	mg/kg	10	1.2	J	mg/kg	10	1.5	J	mg/kg	10	1.1	U	mg/kg	10
Copper	5.9		mg/kg	5	6.5		mg/kg	5	6		mg/kg	5	4.7	J	mg/kg	5
Iron	3780		mg/kg	20	5920		mg/kg	20	5810		mg/kg	20	6550	J	mg/kg	20
Lead	29.9		mg/kg	.6	4.3		mg/kg	.6	14.5		mg/kg	.6	8.8		mg/kg	.6
Magnesium	1130		mg/kg	1000	197	J	mg/kg	1000	231	J	mg/kg	1000	169	J	mg/kg	1000
Manganese	222		mg/kg	3	190		mg/kg	3	111		mg/kg	3	82.5		mg/kg	3
Mercury	.04	J	mg/kg	.1	.04	J	mg/kg	.1	.03	U	mg/kg	.1	.01	U	mg/kg	.1
Nickel	1.6	U	mg/kg	8	1.6	U	mg/kg	8	2.7	J	mg/kg	8	2.4	J	mg/kg	8
Potassium	232	J	mg/kg	1000	203	J	mg/kg	1000	202	J	mg/kg	1000	166	UJ	mg/kg	1000
Selenium	.24	J	mg/kg	1	.2	J	mg/kg	1	.17	J	mg/kg	1	.24	UJ	mg/kg	1
Silver	.38	U	mg/kg	2	.38	U	mg/kg	2	.38	U	mg/kg	2	.37	U	mg/kg	2
Sodium	225	J	mg/kg	1000	177	J	mg/kg	1000	179	J	mg/kg	1000	221	J	mg/kg	1000
Thallium	.15	U	mg/kg	2	.15	U	mg/kg	2	.15	U	mg/kg	2	.15	U	mg/kg	2
Vanadium	10.4	J	mg/kg	10	16.1		mg/kg	10	15.5		mg/kg	10	16		mg/kg	10
Zinc	9.6	J	mg/kg	4	9.2	J	mg/kg	4	11.5		mg/kg	4	12.6	J	mg/kg	4
Cyanide	.05	U	mg/kg	.5	.05	U	mg/kg	.5	.05	U	mg/kg	.5	.05	UJ	mg/kg	.5

08/30/94 WHITING FIELD - SITE 12 - MOUND / LAND SURFACE INTERFACE 14:54:24
VALIDATED ANALYTICAL RESULTS

Lab Sample Number:	94009006				94009007				94009008				94009009			
Site	WHITING				WHITING				WHITING				WHITING			
Locator	12-SS5				12-SS6				12-SS7				12-SS8			
Collect Date:	20-JUL-93				20-JUL-93				20-JUL-93				20-JUL-93			
	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL
CLP METALS AND CYANIDE																
Aluminum	16500		mg/kg	40	11200		mg/kg	40	8370		mg/kg	40	11700		mg/kg	40
Antimony	2.9	U	mg/kg	12	2.7	U	mg/kg	12	2.7	U	mg/kg	12	2.7	U	mg/kg	12
Arsenic	1.9	J	mg/kg	2	.76	J	mg/kg	2	.53	J	mg/kg	2	1.6	J	mg/kg	2
Barium	12.2	J	mg/kg	40	11.5	J	mg/kg	40	12.2	J	mg/kg	40	13.4	J	mg/kg	40
Beryllium	.13	J	mg/kg	1	.11	U	mg/kg	1	.11	U	mg/kg	1	.1	U	mg/kg	1
Cadmium	.31	J	mg/kg	1	.34	J	mg/kg	1	.15	U	mg/kg	1	.2	J	mg/kg	1
Calcium	603	J	mg/kg	1000	875	J	mg/kg	1000	542	J	mg/kg	1000	954	J	mg/kg	1000
Chromium	13.1		mg/kg	2	10.3		mg/kg	2	6		mg/kg	2	10.7		mg/kg	2
Cobalt	1.2	U	mg/kg	10	1.1	J	mg/kg	10	1.1	J	mg/kg	10	1.6	J	mg/kg	10
Copper	7.2		mg/kg	5	5.3	J	mg/kg	5	4	J	mg/kg	5	5.8		mg/kg	5
Iron	8920		mg/kg	20	6890		mg/kg	20	4030		mg/kg	20	6100		mg/kg	20
Lead	11.3		mg/kg	.6	10.1		mg/kg	.6	3.8		mg/kg	.6	12.2		mg/kg	.6
Magnesium	157	J	mg/kg	1000	141	J	mg/kg	1000	132	J	mg/kg	1000	180	J	mg/kg	1000
Manganese	74.9		mg/kg	3	121		mg/kg	3	179		mg/kg	3	146		mg/kg	3
Mercury	.03	U	mg/kg	.1	.03	J	mg/kg	.1	.03	U	mg/kg	.1	.03	J	mg/kg	.1
Nickel	1.9	J	mg/kg	8	1.6	U	mg/kg	8	2.3	J	mg/kg	8	3.3	J	mg/kg	8
Potassium	155	J	mg/kg	1000	162	J	mg/kg	1000	178	J	mg/kg	1000	177	J	mg/kg	1000
Selenium	.19	J	mg/kg	1	.16	J	mg/kg	1	.15	U	mg/kg	1	.27	J	mg/kg	1
Silver	.41	U	mg/kg	2	.38	U	mg/kg	2	.38	U	mg/kg	2	.38	U	mg/kg	2
Sodium	169	J	mg/kg	1000	187	J	mg/kg	1000	187	J	mg/kg	1000	169	J	mg/kg	1000
Thallium	.16	U	mg/kg	2	.15	U	mg/kg	2	.15	U	mg/kg	2	.15	U	mg/kg	2
Vanadium	22.9		mg/kg	10	19.3		mg/kg	10	10.3	J	mg/kg	10	17.6		mg/kg	10
Zinc	10.5		mg/kg	4	8.7	J	mg/kg	4	5.8	J	mg/kg	4	12.5		mg/kg	4
Cyanide	.05	U	mg/kg	.5	.05	U	mg/kg	.5	.05	U	mg/kg	.5	.05	U	mg/kg	.5

SITE 17

08/18/93 WHITING FIELD ANALYTICAL RESULT REPORT 12:51:20
SOIL BORING -- VOLATILES -- VALIDATED RESULTS

Lab Sample Number:	34925004RE				34925003RE				
Site	WHITING				WHITING				
Locator	17SB1-15-17RE				17SB1-5-7RE				
Collect Date:	19-JAN-93				19-JAN-93				
	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	
CLP VOLATILES 90-SOW									
Chloromethane	11	U	ug/kg	11	11	U	ug/kg	11	
Bromomethane	11	U	ug/kg	11	11	U	ug/kg	11	
Vinyl chloride	11	U	ug/kg	11	11	U	ug/kg	11	
Chloroethane	11	U	ug/kg	11	11	U	ug/kg	11	
Methylene chloride	11	U	ug/kg	11	11	U	ug/kg	11	
Acetone	29	J	ug/kg	11	11	J	ug/kg	11	
Carbon disulfide	11	U	ug/kg	11	11	U	ug/kg	11	
1,1-Dichloroethene	11	U	ug/kg	11	11	U	ug/kg	11	
1,1-Dichloroethane	11	U	ug/kg	11	11	U	ug/kg	11	
1,2-Dichloroethene (total)	11	U	ug/kg	11	11	U	ug/kg	11	
Chloroform	11	U	ug/kg	11	11	U	ug/kg	11	
1,2-Dichloroethane	11	UJ	ug/kg	11	11	UJ	ug/kg	11	
2-Butanone	11	UJ	ug/kg	11	11	UJ	ug/kg	11	
1,1,1-Trichloroethane	11	U	ug/kg	11	11	U	ug/kg	11	
Carbon tetrachloride	11	U	ug/kg	11	11	U	ug/kg	11	
Bromodichloromethane	11	U	ug/kg	11	11	U	ug/kg	11	
1,2-Dichloropropane	11	U	ug/kg	11	11	U	ug/kg	11	
cis-1,3-Dichloropropene	11	U	ug/kg	11	11	U	ug/kg	11	
Trichloroethene	11	U	ug/kg	11	11	U	ug/kg	11	
Dibromochloromethane	11	U	ug/kg	11	11	U	ug/kg	11	
1,1,2-Trichloroethane	11	U	ug/kg	11	11	U	ug/kg	11	
Benzene	11	U	ug/kg	11	11	U	ug/kg	11	
trans-1,3-Dichloropropene	11	UJ	ug/kg	11	11	UJ	ug/kg	11	
Bromoform	11	U	ug/kg	11	11	U	ug/kg	11	
4-Methyl-2-pentanone	11	UJ	ug/kg	11	11	UJ	ug/kg	11	
2-Hexanone	11	UJ	ug/kg	11	11	UJ	ug/kg	11	
Tetrachloroethene	11	U	ug/kg	11	11	U	ug/kg	11	
Toluene	11	U	ug/kg	11	11	U	ug/kg	11	
1,1,2,2-Tetrachloroethane	11	U	ug/kg	11	11	U	ug/kg	11	
Chlorobenzene	11	U	ug/kg	11	11	U	ug/kg	11	
Ethylbenzene	11	U	ug/kg	11	11	U	ug/kg	11	
Styrene	11	U	ug/kg	11	11	U	ug/kg	11	
Xylenes (total)	11	U	ug/kg	11	11	U	ug/kg	11	

08/18/93 WHITING FIELD ANALYTICAL RESULT REPORT 12:52:04
SOIL BORING -- VOLATILES -- VALIDATED RESULTS

Lab Sample Number:	34925006				34925005				
Site	WHITING				WHITING				
Locator	17SB2-10-12				17SB2-5-7				
Collect Date:	19-JAN-93				19-JAN-93				
	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	
CLP VOLATILES 90-SOW									
Chloromethane	11	U	ug/kg	11	12	U	ug/kg	12	
Bromomethane	11	U	ug/kg	11	12	U	ug/kg	12	
Vinyl chloride	11	U	ug/kg	11	12	U	ug/kg	12	
Chloroethane	11	U	ug/kg	11	12	U	ug/kg	12	
Methylene chloride	11	U	ug/kg	11	12	U	ug/kg	12	
Acetone	18		ug/kg	11	47		ug/kg	12	
Carbon disulfide	11	U	ug/kg	11	12	U	ug/kg	12	
1,1-Dichloroethene	11	U	ug/kg	11	12	U	ug/kg	12	
1,1-Dichloroethane	11	U	ug/kg	11	12	U	ug/kg	12	
1,2-Dichloroethene (total)	11	U	ug/kg	11	12	U	ug/kg	12	
Chloroform	11	U	ug/kg	11	12	U	ug/kg	12	
1,2-Dichloroethane	11	UJ	ug/kg	11	12	UJ	ug/kg	12	
2-Butanone	11	UJ	ug/kg	11	12	UJ	ug/kg	12	
1,1,1-Trichloroethane	11	U	ug/kg	11	12	U	ug/kg	12	
Carbon tetrachloride	11	U	ug/kg	11	12	U	ug/kg	12	
Bromodichloromethane	11	U	ug/kg	11	12	U	ug/kg	12	
1,2-Dichloropropane	11	U	ug/kg	11	12	U	ug/kg	12	
cis-1,3-Dichloropropene	11	U	ug/kg	11	12	U	ug/kg	12	
Trichloroethene	11	U	ug/kg	11	12	U	ug/kg	12	
Dibromochloromethane	11	U	ug/kg	11	12	U	ug/kg	12	
1,1,2-Trichloroethane	11	U	ug/kg	11	12	U	ug/kg	12	
Benzene	11	U	ug/kg	11	12	U	ug/kg	12	
trans-1,3-Dichloropropene	11	U	ug/kg	11	12	U	ug/kg	12	
Bromoform	11	U	ug/kg	11	12	U	ug/kg	12	
4-Methyl-2-pentanone	11	UJ	ug/kg	11	12	UJ	ug/kg	12	
2-Hexanone	11	UJ	ug/kg	11	12	UJ	ug/kg	12	
Tetrachloroethene	11	U	ug/kg	11	12	U	ug/kg	12	
Toluene	11	U	ug/kg	11	12	U	ug/kg	12	
1,1,2,2-Tetrachloroethane	11	U	ug/kg	11	12	U	ug/kg	12	
Chlorobenzene	11	U	ug/kg	11	12	U	ug/kg	12	
Ethylbenzene	11	U	ug/kg	11	12	U	ug/kg	12	
Styrene	11	U	ug/kg	11	12	U	ug/kg	12	
Xylenes (total)	11	U	ug/kg	11	12	U	ug/kg	12	

08/18/93 WHITING FIELD ANALYTICAL RESULT REPORT 12:52:37
SOIL BORING -- VOLATILES -- VALIDATED RESULTS

Lab Sample Number: 34823005
Site WHITING
Locator 17SB3-10-12
Collect Date: 07-JAN-93

	VALUE	QUAL	UNITS	DL
CLP VOLATILES 90-SOW				
Chloromethane	11	UJ	ug/kg	11
Bromomethane	11	U	ug/kg	11
Vinyl chloride	11	U	ug/kg	11
Chloroethane	11	U	ug/kg	11
Methylene chloride	11	U	ug/kg	11
Acetone	54	UJ	ug/kg	11
Carbon disulfide	11	U	ug/kg	11
1,1-Dichloroethene	11	U	ug/kg	11
1,1-Dichloroethane	11	U	ug/kg	11
1,2-Dichloroethene (total)	11	U	ug/kg	11
Chloroform	11	U	ug/kg	11
1,2-Dichloroethane	11	U	ug/kg	11
2-Butanone	11	U	ug/kg	11
1,1,1-Trichloroethane	11	U	ug/kg	11
Carbon tetrachloride	11	U	ug/kg	11
Bromodichloromethane	11	U	ug/kg	11
1,2-Dichloropropane	11	U	ug/kg	11
cis-1,3-Dichloropropene	11	U	ug/kg	11
Trichloroethene	11	U	ug/kg	11
Dibromochloromethane	11	U	ug/kg	11
1,1,2-Trichloroethane	11	U	ug/kg	11
Benzene	11	U	ug/kg	11
trans-1,3-Dichloropropene	11	U	ug/kg	11
Bromoform	11	U	ug/kg	11
4-Methyl-2-pentanone	11	U	ug/kg	11
2-Hexanone	11	U	ug/kg	11
Tetrachloroethene	11	U	ug/kg	11
Toluene	11	U	ug/kg	11
1,1,2,2-Tetrachloroethane	11	U	ug/kg	11
Chlorobenzene	11	U	ug/kg	11
Ethylbenzene	11	U	ug/kg	11
Styrene	11	U	ug/kg	11
Xylenes (total)	11	U	ug/kg	11

08/18/93 WHITING FIELD ANALYTICAL RESULT REPORT 12:53:07
SOIL BORING -- VOLATILES -- VALIDATED RESULTS

Lab Sample Number:	34823004				34823003				
Site	WHITING				WHITING				
Locator	17SB4-10-12				17SB4-5-7				
Collect Date:	07-JAN-93				07-JAN-93				
	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	
CLP VOLATILES 90-SOW									
Chloromethane	12	UJ	ug/kg	12	11	UJ	ug/kg	11	
Bromomethane	12	U	ug/kg	12	11	U	ug/kg	11	
Vinyl chloride	12	U	ug/kg	12	11	U	ug/kg	11	
Chloroethane	12	U	ug/kg	12	11	U	ug/kg	11	
Methylene chloride	12	U	ug/kg	12	11	U	ug/kg	11	
Acetone	97	UJ	ug/kg	12	100	UJ	ug/kg	11	
Carbon disulfide	12	U	ug/kg	12	11	U	ug/kg	11	
1,1-Dichloroethene	12	U	ug/kg	12	11	U	ug/kg	11	
1,1-Dichloroethane	12	U	ug/kg	12	11	U	ug/kg	11	
1,2-Dichloroethene (total)	12	U	ug/kg	12	11	U	ug/kg	11	
Chloroform	12	U	ug/kg	12	11	U	ug/kg	11	
1,2-Dichloroethane	12	U	ug/kg	12	11	U	ug/kg	11	
2-Butanone	12	U	ug/kg	12	11	U	ug/kg	11	
1,1,1-Trichloroethane	12	U	ug/kg	12	11	U	ug/kg	11	
Carbon tetrachloride	12	U	ug/kg	12	11	U	ug/kg	11	
Bromodichloromethane	12	U	ug/kg	12	11	U	ug/kg	11	
1,2-Dichloropropane	12	U	ug/kg	12	11	U	ug/kg	11	
cis-1,3-Dichloropropene	12	U	ug/kg	12	11	U	ug/kg	11	
Trichloroethene	12	U	ug/kg	12	11	U	ug/kg	11	
Dibromochloromethane	12	U	ug/kg	12	11	U	ug/kg	11	
1,1,2-Trichloroethane	12	U	ug/kg	12	11	U	ug/kg	11	
Benzene	12	U	ug/kg	12	11	U	ug/kg	11	
trans-1,3-Dichloropropene	12	U	ug/kg	12	11	U	ug/kg	11	
Bromoform	12	U	ug/kg	12	11	U	ug/kg	11	
4-Methyl-2-pentanone	12	U	ug/kg	12	11	U	ug/kg	11	
2-Hexanone	12	U	ug/kg	12	11	U	ug/kg	11	
Tetrachloroethene	12	U	ug/kg	12	11	U	ug/kg	11	
Toluene	12	U	ug/kg	12	11	U	ug/kg	11	
1,1,2,2-Tetrachloroethane	12	U	ug/kg	12	11	U	ug/kg	11	
Chlorobenzene	12	U	ug/kg	12	11	U	ug/kg	11	
Ethylbenzene	12	U	ug/kg	12	11	U	ug/kg	11	
Styrene	12	U	ug/kg	12	11	U	ug/kg	11	
Xylenes (total)	12	U	ug/kg	12	11	U	ug/kg	11	

08/18/93 WHITING FIELD ANALYTICAL RESULT REPORT 12:53:39
SOIL BORING -- VOLATILES -- VALIDATED RESULTS

Lab Sample Number:	34925001				34926001				34926002				34925002RE					
Site	WHITING				WHITING				WHITING				WHITING					
Locator	17SB5-10-12				17SB5-5-7				17SB5-5-7A				17SB5-20-22RE					
Collect Date:	19-JAN-93				19-JAN-93				19-JAN-93				19-JAN-93					
	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL		
CLP VOLATILES 90-SOW																		
Chloromethane	12	U	ug/kg	12	12	U	ug/kg	12	12	U	ug/kg	12	10	U	ug/kg	10		
Bromomethane	12	U	ug/kg	12	12	U	ug/kg	12	12	U	ug/kg	12	10	U	ug/kg	10		
Vinyl chloride	12	U	ug/kg	12	12	U	ug/kg	12	12	U	ug/kg	12	10	U	ug/kg	10		
Chloroethane	12	U	ug/kg	12	12	U	ug/kg	12	12	U	ug/kg	12	10	U	ug/kg	10		
Methylene chloride	12	U	ug/kg	12	12	U	ug/kg	12	12	U	ug/kg	12	10	U	ug/kg	10		
Acetone	19		ug/kg	12	12	UJ	ug/kg	12	12	UJ	ug/kg	12	10	UJ	ug/kg	10		
Carbon disulfide	12	U	ug/kg	12	12	U	ug/kg	12	12	U	ug/kg	12	10	U	ug/kg	10		
1,1-Dichloroethene	12	U	ug/kg	12	12	U	ug/kg	12	12	U	ug/kg	12	10	U	ug/kg	10		
1,1-Dichloroethane	12	U	ug/kg	12	12	U	ug/kg	12	12	U	ug/kg	12	10	U	ug/kg	10		
1,2-Dichloroethene (total)	12	U	ug/kg	12	12	U	ug/kg	12	12	U	ug/kg	12	10	U	ug/kg	10		
Chloroform	12	U	ug/kg	12	12	U	ug/kg	12	12	U	ug/kg	12	10	U	ug/kg	10		
1,2-Dichloroethane	12	UJ	ug/kg	12	12	U	ug/kg	12	12	U	ug/kg	12	10	UJ	ug/kg	10		
2-Butanone	12	UJ	ug/kg	12	18	J	ug/kg	12	23	J	ug/kg	12	10	UJ	ug/kg	10		
1,1,1-Trichloroethane	12	U	ug/kg	12	12	U	ug/kg	12	12	U	ug/kg	12	10	U	ug/kg	10		
Carbon tetrachloride	12	U	ug/kg	12	12	U	ug/kg	12	12	U	ug/kg	12	10	U	ug/kg	10		
Bromodichloromethane	12	U	ug/kg	12	12	U	ug/kg	12	12	U	ug/kg	12	10	U	ug/kg	10		
1,2-Dichloropropane	12	U	ug/kg	12	12	U	ug/kg	12	12	U	ug/kg	12	10	U	ug/kg	10		
cis-1,3-Dichloropropene	12	U	ug/kg	12	12	U	ug/kg	12	12	U	ug/kg	12	10	U	ug/kg	10		
Trichloroethene	12	U	ug/kg	12	12	U	ug/kg	12	12	U	ug/kg	12	10	U	ug/kg	10		
Dibromochloromethane	12	U	ug/kg	12	12	U	ug/kg	12	12	U	ug/kg	12	10	U	ug/kg	10		
1,1,2-Trichloroethane	12	U	ug/kg	12	12	U	ug/kg	12	12	U	ug/kg	12	10	U	ug/kg	10		
Benzene	12	U	ug/kg	12	12	U	ug/kg	12	12	U	ug/kg	12	10	U	ug/kg	10		
trans-1,3-Dichloropropene	12	U	ug/kg	12	12	U	ug/kg	12	12	U	ug/kg	12	10	UJ	ug/kg	10		
Bromoform	12	U	ug/kg	12	12	U	ug/kg	12	12	U	ug/kg	12	10	U	ug/kg	10		
4-Methyl-2-pentanone	12	UJ	ug/kg	12	12	UJ	ug/kg	12	12	UJ	ug/kg	12	10	UJ	ug/kg	10		
2-Hexanone	12	UJ	ug/kg	12	12	UJ	ug/kg	12	12	UJ	ug/kg	12	10	UJ	ug/kg	10		
Tetrachloroethene	12	U	ug/kg	12	12	U	ug/kg	12	12	U	ug/kg	12	10	U	ug/kg	10		
Toluene	12	U	ug/kg	12	12	U	ug/kg	12	12	U	ug/kg	12	10	U	ug/kg	10		
1,1,2,2-Tetrachloroethane	12	U	ug/kg	12	12	U	ug/kg	12	12	U	ug/kg	12	10	U	ug/kg	10		
Chlorobenzene	12	U	ug/kg	12	12	U	ug/kg	12	12	U	ug/kg	12	10	U	ug/kg	10		
Ethylbenzene	12	U	ug/kg	12	12	U	ug/kg	12	12	U	ug/kg	12	10	U	ug/kg	10		
Styrene	12	U	ug/kg	12	12	U	ug/kg	12	12	U	ug/kg	12	10	U	ug/kg	10		
Xylenes (total)	12	U	ug/kg	12	12	U	ug/kg	12	12	U	ug/kg	12	10	U	ug/kg	10		

08/18/93 WHITING FIELD ANALYTICAL RESULT REPORT 12:53:39
SOIL BORING -- VOLATILES -- VALIDATED RESULTS

Lab Sample Number:	34926001MS				34926M01				34926001MS				34926D01			
Site	WHITING				WHITING				WHITING				WHITING			
Locator	17SB5-5-7MS				17SB5-5-7MS				17SB5-5-7MSD				17SB5-5-7MSD			
Collect Date:	19-JAN-93				19-JAN-93				19-JAN-93				19-JAN-93			
	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL
CLP VOLATILES 90-SOW																
Chloromethane	12	U	ug/kg	12	-				12	U	ug/kg	12	-			
Bromomethane	12	U	ug/kg	12	-				12	U	ug/kg	12	-			
Vinyl chloride	12	U	ug/kg	12	-				12	U	ug/kg	12	-			
Chloroethane	12	U	ug/kg	12	-				12	U	ug/kg	12	-			
Methylene chloride	12	U	ug/kg	12	-				12	U	ug/kg	12	-			
Acetone	12	U	ug/kg	12	-				12	U	ug/kg	12	-			
Carbon disulfide	12	U	ug/kg	12	-				12	U	ug/kg	12	-			
1,1-Dichloroethene	43		ug/kg	12	-				50		ug/kg	12	-			
1,1-Dichloroethane	12	U	ug/kg	12	-				12	U	ug/kg	12	-			
1,2-Dichloroethene (total)	12	U	ug/kg	12	-				12	U	ug/kg	12	-			
Chloroform	12	U	ug/kg	12	-				12	U	ug/kg	12	-			
1,2-Dichloroethane	12	U	ug/kg	12	-				12	U	ug/kg	12	-			
2-Butanone	24		ug/kg	12	-				22		ug/kg	12	-			
1,1,1-Trichloroethane	12	U	ug/kg	12	-				12	U	ug/kg	12	-			
Carbon tetrachloride	12	U	ug/kg	12	-				12	U	ug/kg	12	-			
Bromodichloromethane	12	U	ug/kg	12	-				12	U	ug/kg	12	-			
1,2-Dichloropropane	12	U	ug/kg	12	-				12	U	ug/kg	12	-			
cis-1,3-Dichloropropene	12	U	ug/kg	12	-				12	U	ug/kg	12	-			
Trichloroethene	54		ug/kg	12	-				57		ug/kg	12	-			
Dibromochloromethane	12	U	ug/kg	12	-				12	U	ug/kg	12	-			
1,1,2-Trichloroethane	12	U	ug/kg	12	-				12	U	ug/kg	12	-			
Benzene	50		ug/kg	12	-				51		ug/kg	12	-			
trans-1,3-Dichloropropene	12	U	ug/kg	12	-				12	U	ug/kg	12	-			
Bromoform	12	U	ug/kg	12	-				12	U	ug/kg	12	-			
4-Methyl-2-pentanone	12	U	ug/kg	12	-				12	U	ug/kg	12	-			
2-Hexanone	12	U	ug/kg	12	-				12	U	ug/kg	12	-			
Tetrachloroethene	12	U	ug/kg	12	-				12	U	ug/kg	12	-			
Toluene	54		ug/kg	12	-				56		ug/kg	12	-			
1,1,2,2-Tetrachloroethane	12	U	ug/kg	12	-				12	U	ug/kg	12	-			
Chlorobenzene	53		ug/kg	12	-				57		ug/kg	12	-			
Ethylbenzene	12	U	ug/kg	12	-				12	U	ug/kg	12	-			
Styrene	12	U	ug/kg	12	-				12	U	ug/kg	12	-			
Xylenes (total)	12	U	ug/kg	12	-				12	U	ug/kg	12	-			

08/18/93 WHITING FIELD ANALYTICAL RESULT REPORT 12:54:52
SOIL BORING -- VOLATILES -- VALIDATED RESULTS

Lab Sample Number:	34823002				34823001				
Site	WHITING				WHITING				
Locator	17SB6-10-12				17SB6-5-7				
Collect Date:	07-JAN-93				07-JAN-93				
	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	
CLP VOLATILES 90-SOW									
Chloromethane	11	UJ	ug/kg	11	13	UJ	ug/kg	13	
Bromomethane	11	U	ug/kg	11	13	U	ug/kg	13	
Vinyl chloride	11	U	ug/kg	11	13	U	ug/kg	13	
Chloroethane	11	U	ug/kg	11	13	U	ug/kg	13	
Methylene chloride	11	U	ug/kg	11	13	U	ug/kg	13	
Acetone	62	UJ	ug/kg	11	13	U	ug/kg	13	
Carbon disulfide	11	U	ug/kg	11	13	U	ug/kg	13	
1,1-Dichloroethene	11	U	ug/kg	11	13	U	ug/kg	13	
1,1-Dichloroethane	11	U	ug/kg	11	13	U	ug/kg	13	
1,2-Dichloroethene (total)	11	U	ug/kg	11	13	U	ug/kg	13	
Chloroform	11	U	ug/kg	11	13	U	ug/kg	13	
1,2-Dichloroethane	11	U	ug/kg	11	13	U	ug/kg	13	
2-Butanone	11	U	ug/kg	11	34		ug/kg	13	
1,1,1-Trichloroethane	11	U	ug/kg	11	13	U	ug/kg	13	
Carbon tetrachloride	11	U	ug/kg	11	13	U	ug/kg	13	
Bromodichloromethane	11	U	ug/kg	11	13	U	ug/kg	13	
1,2-Dichloropropane	11	U	ug/kg	11	13	U	ug/kg	13	
cis-1,3-Dichloropropene	11	U	ug/kg	11	13	U	ug/kg	13	
Trichloroethene	11	U	ug/kg	11	13	U	ug/kg	13	
Dibromochloromethane	11	U	ug/kg	11	13	U	ug/kg	13	
1,1,2-Trichloroethane	11	U	ug/kg	11	13	U	ug/kg	13	
Benzene	11	U	ug/kg	11	13	U	ug/kg	13	
trans-1,3-Dichloropropene	11	U	ug/kg	11	13	U	ug/kg	13	
Bromoform	11	U	ug/kg	11	13	U	ug/kg	13	
4-Methyl-2-pentanone	11	U	ug/kg	11	4	J	ug/kg	13	
2-Hexanone	11	U	ug/kg	11	13	U	ug/kg	13	
Tetrachloroethene	11	U	ug/kg	11	13	U	ug/kg	13	
Toluene	11	U	ug/kg	11	13	U	ug/kg	13	
1,1,2,2-Tetrachloroethane	11	U	ug/kg	11	13	U	ug/kg	13	
Chlorobenzene	11	U	ug/kg	11	13	U	ug/kg	13	
Ethylbenzene	11	U	ug/kg	11	13	U	ug/kg	13	
Styrene	11	U	ug/kg	11	13	U	ug/kg	13	
Xylenes (total)	11	U	ug/kg	11	13	U	ug/kg	13	

08/18/93 WHITING FIELD ANALYTICAL RESULT REPORT 12:55:28
SOIL BORING -- VOLATILES -- VALIDATED RESULTS

Lab Sample Number:	34906007				34906006			
Site	WHITING				WHITING			
Locator	17SB7-15-17				17SB7-5-7			
Collect Date:	18-JAN-93				18-JAN-93			
	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL
CLP VOLATILES 90-SOW								
Chloromethane	15	U	ug/kg	15	12	U	ug/kg	12
Bromomethane	15	U	ug/kg	15	12	U	ug/kg	12
Vinyl chloride	15	U	ug/kg	15	12	U	ug/kg	12
Chloroethane	15	U	ug/kg	15	12	U	ug/kg	12
Methylene chloride	15	U	ug/kg	15	12	U	ug/kg	12
Acetone	14	J	ug/kg	15	26	J	ug/kg	12
Carbon disulfide	15	U	ug/kg	15	12	U	ug/kg	12
1,1-Dichloroethene	15	U	ug/kg	15	12	U	ug/kg	12
1,1-Dichloroethane	15	U	ug/kg	15	12	U	ug/kg	12
1,2-Dichloroethene (total)	15	U	ug/kg	15	12	U	ug/kg	12
Chloroform	15	U	ug/kg	15	12	U	ug/kg	12
1,2-Dichloroethane	15	U	ug/kg	15	12	U	ug/kg	12
2-Butanone	15	U	ug/kg	15	12	U	ug/kg	12
1,1,1-Trichloroethane	15	U	ug/kg	15	12	U	ug/kg	12
Carbon tetrachloride	15	U	ug/kg	15	12	U	ug/kg	12
Bromodichloromethane	15	U	ug/kg	15	12	U	ug/kg	12
1,2-Dichloropropane	15	U	ug/kg	15	12	U	ug/kg	12
cis-1,3-Dichloropropene	15	U	ug/kg	15	12	U	ug/kg	12
Trichloroethene	15	U	ug/kg	15	12	U	ug/kg	12
Dibromochloromethane	15	U	ug/kg	15	12	U	ug/kg	12
1,1,2-Trichloroethane	15	U	ug/kg	15	12	U	ug/kg	12
Benzene	15	U	ug/kg	15	12	U	ug/kg	12
trans-1,3-Dichloropropene	15	U	ug/kg	15	12	U	ug/kg	12
Bromoform	15	U	ug/kg	15	12	U	ug/kg	12
4-Methyl-2-pentanone	15	U	ug/kg	15	12	U	ug/kg	12
2-Hexanone	15	U	ug/kg	15	12	U	ug/kg	12
Tetrachloroethene	15	U	ug/kg	15	12	U	ug/kg	12
Toluene	15	U	ug/kg	15	12	U	ug/kg	12
1,1,2,2-Tetrachloroethane	15	U	ug/kg	15	12	U	ug/kg	12
Chlorobenzene	15	U	ug/kg	15	12	U	ug/kg	12
Ethylbenzene	15	U	ug/kg	15	12	U	ug/kg	12
Styrene	15	U	ug/kg	15	12	U	ug/kg	12
Xylenes (total)	15	U	ug/kg	15	12	U	ug/kg	12

08/18/93 WHITING FIELD ANALYTICAL RESULT REPORT 12:56:05
SOIL BORING -- VOLATILES -- VALIDATED RESULTS

Lab Sample Number:	34906009				34906008			
Site	WHITING				WHITING			
Locator	17SB8-10-12				17SB8-5-7			
Collect Date:	18-JAN-93				18-JAN-93			
	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL
CLP VOLATILES 90-SOW								
Chloromethane	11	U	ug/kg	11	12	U	ug/kg	12
Bromomethane	11	U	ug/kg	11	12	U	ug/kg	12
Vinyl chloride	11	U	ug/kg	11	12	U	ug/kg	12
Chloroethane	11	U	ug/kg	11	12	U	ug/kg	12
Methylene chloride	11	U	ug/kg	11	12	U	ug/kg	12
Acetone	11	J	ug/kg	11	82	J	ug/kg	12
Carbon disulfide	11	U	ug/kg	11	12	U	ug/kg	12
1,1-Dichloroethene	11	U	ug/kg	11	12	U	ug/kg	12
1,1-Dichloroethane	11	U	ug/kg	11	12	U	ug/kg	12
1,2-Dichloroethene (total)	11	U	ug/kg	11	12	U	ug/kg	12
Chloroform	11	U	ug/kg	11	12	U	ug/kg	12
1,2-Dichloroethane	11	U	ug/kg	11	12	U	ug/kg	12
2-Butanone	11	U	ug/kg	11	12	U	ug/kg	12
1,1,1-Trichloroethane	11	U	ug/kg	11	12	U	ug/kg	12
Carbon tetrachloride	11	U	ug/kg	11	12	U	ug/kg	12
Bromodichloromethane	11	U	ug/kg	11	12	U	ug/kg	12
1,2-Dichloropropane	11	U	ug/kg	11	12	U	ug/kg	12
cis-1,3-Dichloropropene	11	U	ug/kg	11	12	U	ug/kg	12
Trichloroethene	11	U	ug/kg	11	12	U	ug/kg	12
Dibromochloromethane	11	U	ug/kg	11	12	U	ug/kg	12
1,1,2-Trichloroethane	11	U	ug/kg	11	12	U	ug/kg	12
Benzene	11	U	ug/kg	11	12	U	ug/kg	12
trans-1,3-Dichloropropene	11	U	ug/kg	11	12	U	ug/kg	12
Bromoform	11	U	ug/kg	11	12	U	ug/kg	12
4-Methyl-2-pentanone	11	U	ug/kg	11	12	U	ug/kg	12
2-Hexanone	11	U	ug/kg	11	12	U	ug/kg	12
Tetrachloroethene	11	U	ug/kg	11	12	U	ug/kg	12
Toluene	11	U	ug/kg	11	12	U	ug/kg	12
1,1,2,2-Tetrachloroethane	11	U	ug/kg	11	12	U	ug/kg	12
Chlorobenzene	11	U	ug/kg	11	12	U	ug/kg	12
Ethylbenzene	11	U	ug/kg	11	12	U	ug/kg	12
Styrene	11	U	ug/kg	11	12	U	ug/kg	12
Xylenes (total)	11	U	ug/kg	11	12	U	ug/kg	12

08/18/93 WHITING FIELD ANALYTICAL RESULT REPORT 12:56:42
SOIL BORING -- VOLATILES -- VALIDATED RESULTS

Lab Sample Number:	34815018				34815017				
Site	WHITING				WHITING				
Locator	17SB9-10-12				17SB9-5-7				
Collect Date:	06-JAN-93				06-JAN-93				
	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	
CLP VOLATILES 90-SOW									
Chloromethane	12	UJ	ug/kg	12	12	UJ	ug/kg	12	
Bromomethane	12	U	ug/kg	12	12	U	ug/kg	12	
Vinyl chloride	12	U	ug/kg	12	12	U	ug/kg	12	
Chloroethane	12	U	ug/kg	12	12	U	ug/kg	12	
Methylene chloride	12	U	ug/kg	12	12	U	ug/kg	12	
Acetone	130	J	ug/kg	12	120	UJ	ug/kg	12	
Carbon disulfide	12	U	ug/kg	12	12	U	ug/kg	12	
1,1-Dichloroethene	12	U	ug/kg	12	12	U	ug/kg	12	
1,1-Dichloroethane	12	U	ug/kg	12	12	U	ug/kg	12	
1,2-Dichloroethene (total)	12	U	ug/kg	12	12	U	ug/kg	12	
Chloroform	12	U	ug/kg	12	12	U	ug/kg	12	
1,2-Dichloroethane	12	U	ug/kg	12	12	U	ug/kg	12	
2-Butanone	12	U	ug/kg	12	12	U	ug/kg	12	
1,1,1-Trichloroethane	12	U	ug/kg	12	12	U	ug/kg	12	
Carbon tetrachloride	12	U	ug/kg	12	12	U	ug/kg	12	
Bromodichloromethane	12	U	ug/kg	12	12	U	ug/kg	12	
1,2-Dichloropropane	12	U	ug/kg	12	12	U	ug/kg	12	
cis-1,3-Dichloropropene	12	U	ug/kg	12	12	U	ug/kg	12	
Trichloroethene	12	U	ug/kg	12	12	U	ug/kg	12	
Dibromochloromethane	12	U	ug/kg	12	12	U	ug/kg	12	
1,1,2-Trichloroethane	12	U	ug/kg	12	12	U	ug/kg	12	
Benzene	12	U	ug/kg	12	12	U	ug/kg	12	
trans-1,3-Dichloropropene	12	U	ug/kg	12	12	U	ug/kg	12	
Bromoform	12	U	ug/kg	12	12	U	ug/kg	12	
4-Methyl-2-pentanone	12	U	ug/kg	12	12	U	ug/kg	12	
2-Hexanone	12	U	ug/kg	12	12	U	ug/kg	12	
Tetrachloroethene	12	U	ug/kg	12	12	U	ug/kg	12	
Toluene	12	U	ug/kg	12	12	U	ug/kg	12	
1,1,2,2-Tetrachloroethane	12	U	ug/kg	12	12	U	ug/kg	12	
Chlorobenzene	12	U	ug/kg	12	12	U	ug/kg	12	
Ethylbenzene	12	U	ug/kg	12	12	U	ug/kg	12	
Styrene	12	U	ug/kg	12	12	U	ug/kg	12	
Xylenes (total)	12	U	ug/kg	12	12	U	ug/kg	12	

WHITING FIELD - SITE 17- CLP SVOCS
SOIL BORINGS - VALIDATED ANALYTICAL RESULTS

Lab Sample Number:	34925004	34925003	34925004
Locator	17SB1-15-17	17SB1-5-7	17SB1-15-17
Collect Date:	19-JAN-93	19-JAN-93	19-JAN-93

	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL
CLP SEMIVOLATILES 90-SOW												
Phenol	360	U	ug/kg	360	380	U	ug/kg	380	360	U	ug/kg	360
bis(2-Chloroethyl) ether	360	U	ug/kg	360	380	U	ug/kg	380	360	U	ug/kg	360
2-Chlorophenol	360	U	ug/kg	360	380	U	ug/kg	380	360	U	ug/kg	360
1,3-Dichlorobenzene	360	U	ug/kg	360	380	U	ug/kg	380	360	U	ug/kg	360
1,4-Dichlorobenzene	360	U	ug/kg	360	380	U	ug/kg	380	360	U	ug/kg	360
1,2-Dichlorobenzene	360	U	ug/kg	360	380	U	ug/kg	380	360	U	ug/kg	360
2-Methylphenol	360	U	ug/kg	360	380	U	ug/kg	380	360	U	ug/kg	360
2,2-oxybis(1-Chloropropane)	360	U	ug/kg	360	380	U	ug/kg	380	360	U	ug/kg	360
4-Methylphenol	360	U	ug/kg	360	380	U	ug/kg	380	360	U	ug/kg	360
N-Nitroso-di-n-propylamine	360	U	ug/kg	360	380	U	ug/kg	380	360	U	ug/kg	360
Hexachloroethane	360	U	ug/kg	360	380	U	ug/kg	380	360	U	ug/kg	360
Nitrobenzene	360	U	ug/kg	360	380	U	ug/kg	380	360	U	ug/kg	360
Isophorone	360	U	ug/kg	360	380	U	ug/kg	380	360	U	ug/kg	360
2-Nitrophenol	360	U	ug/kg	360	380	U	ug/kg	380	360	U	ug/kg	360
2,4-Dimethylphenol	360	U	ug/kg	360	380	U	ug/kg	380	360	U	ug/kg	360
bis(2-Chloroethoxy) methane	360	U	ug/kg	360	380	U	ug/kg	380	360	U	ug/kg	360
2,4-Dichlorophenol	360	U	ug/kg	360	380	U	ug/kg	380	360	U	ug/kg	360
1,2,4-Trichlorobenzene	360	U	ug/kg	360	380	U	ug/kg	380	360	U	ug/kg	360
Naphthalene	360	U	ug/kg	360	380	U	ug/kg	380	360	U	ug/kg	360
4-Chloroaniline	360	U	ug/kg	360	380	U	ug/kg	380	360	U	ug/kg	360
Hexachlorobutadiene	360	U	ug/kg	360	380	U	ug/kg	380	360	U	ug/kg	360
4-Chloro-3-methylphenol	360	U	ug/kg	360	380	U	ug/kg	380	360	U	ug/kg	360
2-Methylnaphthalene	360	U	ug/kg	360	380	U	ug/kg	380	360	U	ug/kg	360
Hexachlorocyclopentadiene	360	U	ug/kg	360	380	U	ug/kg	380	360	U	ug/kg	360
2,4,6-Trichlorophenol	360	U	ug/kg	360	380	U	ug/kg	380	360	U	ug/kg	360
2,4,5-Trichlorophenol	880	U	ug/kg	880	920	U	ug/kg	920	880	U	ug/kg	880
2-Chloronaphthalene	360	U	ug/kg	360	380	U	ug/kg	380	360	U	ug/kg	360
2-Nitroaniline	880	U	ug/kg	880	920	U	ug/kg	920	880	U	ug/kg	880
Dimethylphthalate	360	U	ug/kg	360	380	U	ug/kg	380	360	U	ug/kg	360
Acenaphthylene	360	U	ug/kg	360	380	U	ug/kg	380	360	U	ug/kg	360
2,6-Dinitrotoluene	360	U	ug/kg	360	380	U	ug/kg	380	360	U	ug/kg	360
3-Nitroaniline	880	U	ug/kg	880	920	U	ug/kg	920	880	U	ug/kg	880
Acenaphthene	360	U	ug/kg	360	380	U	ug/kg	380	360	U	ug/kg	360
2,4-Dinitrophenol	880	U	ug/kg	880	920	U	ug/kg	920	880	U	ug/kg	880
4-Nitrophenol	880	U	ug/kg	880	920	U	ug/kg	920	880	U	ug/kg	880
Dibenzofuran	360	U	ug/kg	360	380	U	ug/kg	380	360	U	ug/kg	360
2,4-Dinitrotoluene	360	U	ug/kg	360	380	U	ug/kg	380	360	U	ug/kg	360
Diethylphthalate	360	U	ug/kg	360	380	U	ug/kg	380	360	U	ug/kg	360
4-Chlorophenyl-phenylether	360	U	ug/kg	360	380	U	ug/kg	380	360	U	ug/kg	360
Fluorene	360	U	ug/kg	360	380	U	ug/kg	380	360	U	ug/kg	360
4-Nitroaniline	880	U	ug/kg	880	920	U	ug/kg	920	880	U	ug/kg	880
4,6-Dinitro-2-methylphenol	880	U	ug/kg	880	920	U	ug/kg	920	880	U	ug/kg	880
N-Nitrosodiphenylamine (1)	360	U	ug/kg	360	380	U	ug/kg	380	360	U	ug/kg	360
4-Bromophenyl-phenylether	360	U	ug/kg	360	380	U	ug/kg	380	360	U	ug/kg	360
Hexachlorobenzene	360	U	ug/kg	360	380	U	ug/kg	380	360	U	ug/kg	360
Pentachlorophenol	880	UJ	ug/kg	880	920	UJ	ug/kg	920	880	UJ	ug/kg	880
Phenanthrene	360	U	ug/kg	360	380	U	ug/kg	380	360	U	ug/kg	360
Anthracene	360	U	ug/kg	360	380	U	ug/kg	380	360	U	ug/kg	360
Carbazole	360	U	ug/kg	360	380	U	ug/kg	380	360	U	ug/kg	360
Di-n-butylphthalate	360	U	ug/kg	360	380	U	ug/kg	380	360	U	ug/kg	360
Fluoranthene	360	U	ug/kg	360	380	U	ug/kg	380	360	U	ug/kg	360
Pyrene	360	U	ug/kg	360	380	U	ug/kg	380	360	U	ug/kg	360
Butylbenzylphthalate	360	U	ug/kg	360	380	U	ug/kg	380	360	U	ug/kg	360

WHITING FIELD - SITE 17- CLP SVOCS
SOIL BORINGS - VALIDATED ANALYTICAL RESULTS

Lab Sample Number:	34925004				34925003				34925004			
Locator	17SB1-15-17				17SB1-5-7				17SB1-15-17			
Collect Date:	19-JAN-93				19-JAN-93				19-JAN-93			
	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL
3,3-Dichlorobenzidine	360	U	ug/kg	360	380	U	ug/kg	380	360	U	ug/kg	360
Benzo (a) anthracene	360	U	ug/kg	360	380	U	ug/kg	380	360	U	ug/kg	360
Chrysene	360	U	ug/kg	360	380	U	ug/kg	380	360	U	ug/kg	360
bis(2-Ethylhexyl) phthalate	360	U	ug/kg	360	380	U	ug/kg	380	360	U	ug/kg	360
Di-n-octylphthalate	360	U	ug/kg	360	380	U	ug/kg	380	360	U	ug/kg	360
Benzo (b) fluoranthene	360	U	ug/kg	360	380	U	ug/kg	380	360	U	ug/kg	360
Benzo (k) fluoranthene	360	U	ug/kg	360	380	U	ug/kg	380	360	U	ug/kg	360
Benzo (a) pyrene	360	U	ug/kg	360	380	U	ug/kg	380	360	U	ug/kg	360
Indeno (1,2,3-cd) pyrene	360	U	ug/kg	360	380	U	ug/kg	380	360	U	ug/kg	360
Dibenz (a,h) anthracene	360	U	ug/kg	360	380	U	ug/kg	380	360	U	ug/kg	360
Benzo (g,h,i) perylene	360	U	ug/kg	360	380	U	ug/kg	380	360	U	ug/kg	360

08/18/93 WHITING FIELD ANALYTICAL RESULT REPORT 11:08:01
SOIL BORING -- SEMI-VOLATILES -- VALIDATED RESULTS

Lab Sample Number:	34925006				34925005			
Site	WHITING				WHITING			
Locator	17SB2-10-12				17SB2-5-7			
Collect Date:	19-JAN-93				19-JAN-93			
	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL
CLP SEMIVOLATILES 90-SOW								
Phenol	370	U	ug/kg	370	390	U	ug/kg	390
bis(2-Chloroethyl) ether	370	U	ug/kg	370	390	U	ug/kg	390
2-Chlorophenol	370	U	ug/kg	370	390	U	ug/kg	390
1,3-Dichlorobenzene	370	U	ug/kg	370	390	U	ug/kg	390
1,4-Dichlorobenzene	370	U	ug/kg	370	390	U	ug/kg	390
1,2-Dichlorobenzene	370	U	ug/kg	370	390	U	ug/kg	390
2-Methylphenol	370	U	ug/kg	370	390	U	ug/kg	390
2,2-oxybis(1-Chloropropane)	370	U	ug/kg	370	390	U	ug/kg	390
4-Methylphenol	370	U	ug/kg	370	390	U	ug/kg	390
N-Nitroso-di-n-propylamine	370	U	ug/kg	370	390	U	ug/kg	390
Hexachloroethane	370	U	ug/kg	370	390	U	ug/kg	390
Nitrobenzene	370	U	ug/kg	370	390	U	ug/kg	390
Isophorone	370	U	ug/kg	370	390	U	ug/kg	390
2-Nitrophenol	370	U	ug/kg	370	390	U	ug/kg	390
2,4-Dimethylphenol	370	U	ug/kg	370	390	U	ug/kg	390
bis(2-Chloroethoxy) methane	370	U	ug/kg	370	390	U	ug/kg	390
2,4-Dichlorophenol	370	U	ug/kg	370	390	U	ug/kg	390
1,2,4-Trichlorobenzene	370	U	ug/kg	370	390	U	ug/kg	390
Naphthalene	370	U	ug/kg	370	390	U	ug/kg	390
4-Chloroaniline	370	U	ug/kg	370	390	U	ug/kg	390
Hexachlorobutadiene	370	U	ug/kg	370	390	U	ug/kg	390
4-Chloro-3-methylphenol	370	U	ug/kg	370	390	U	ug/kg	390
2-Methylnaphthalene	370	U	ug/kg	370	390	U	ug/kg	390
Hexachlorocyclopentadiene	370	U	ug/kg	370	390	U	ug/kg	390
2,4,6-Trichlorophenol	370	U	ug/kg	370	390	U	ug/kg	390
2,4,5-Trichlorophenol	890	U	ug/kg	890	940	U	ug/kg	940
2-Chloronaphthalene	370	U	ug/kg	370	390	U	ug/kg	390
2-Nitroaniline	890	U	ug/kg	890	940	U	ug/kg	940
Dimethylphthalate	370	U	ug/kg	370	390	U	ug/kg	390
Acenaphthylene	370	U	ug/kg	370	390	U	ug/kg	390
2,6-Dinitrotoluene	370	U	ug/kg	370	390	U	ug/kg	390
3-Nitroaniline	890	U	ug/kg	890	940	U	ug/kg	940
Acenaphthene	370	U	ug/kg	370	390	U	ug/kg	390
2,4-Dinitrophenol	890	U	ug/kg	890	940	U	ug/kg	940
4-Nitrophenol	890	U	ug/kg	890	940	U	ug/kg	940
Dibenzofuran	370	U	ug/kg	370	390	U	ug/kg	390
2,4-Dinitrotoluene	370	U	ug/kg	370	390	U	ug/kg	390
Diethylphthalate	370	U	ug/kg	370	390	U	ug/kg	390
4-Chlorophenyl-phenylether	370	U	ug/kg	370	390	U	ug/kg	390
Fluorene	370	U	ug/kg	370	390	U	ug/kg	390
4-Nitroaniline	890	U	ug/kg	890	940	U	ug/kg	940
4,6-Dinitro-2-methylphenol	890	U	ug/kg	890	940	U	ug/kg	940
N-Nitrosodiphenylamine (1)	370	U	ug/kg	370	390	U	ug/kg	390
4-Bromophenyl-phenylether	370	U	ug/kg	370	390	U	ug/kg	390
Hexachlorobenzene	370	U	ug/kg	370	390	U	ug/kg	390
Pentachlorophenol	890	UJ	ug/kg	890	940	UJ	ug/kg	940
Phenanthrene	370	U	ug/kg	370	390	U	ug/kg	390
Anthracene	370	U	ug/kg	370	390	U	ug/kg	390
Carbazole	370	U	ug/kg	370	390	U	ug/kg	390
Di-n-butylphthalate	370	U	ug/kg	370	390	U	ug/kg	390
Fluoranthene	370	U	ug/kg	370	390	U	ug/kg	390
Pyrene	370	U	ug/kg	370	390	U	ug/kg	390
Butylbenzylphthalate	370	U	ug/kg	370	390	U	ug/kg	390

08/18/93 WHITING FIELD ANALYTICAL RESULT REPORT 11:08:01
SOIL BORING -- SEMI-VOLATILES -- VALIDATED RESULTS

Lab Sample Number:	34925006				34925005			
Site	WHITING				WHITING			
Locator	17SB2-10-12				17SB2-5-7			
Collect Date:	19-JAN-93				19-JAN-93			
	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL
3,3-Dichlorobenzidine	370	U	ug/kg	370	390	U	ug/kg	390
Benzo (a) anthracene	370	U	ug/kg	370	390	U	ug/kg	390
Chrysene	370	U	ug/kg	370	390	U	ug/kg	390
bis(2-Ethylhexyl) phthalate	370	U	ug/kg	370	390	U	ug/kg	390
Di-n-octylphthalate	370	U	ug/kg	370	390	U	ug/kg	390
Benzo (b) fluoranthene	370	U	ug/kg	370	390	U	ug/kg	390
Benzo (k) fluoranthene	370	U	ug/kg	370	390	U	ug/kg	390
Benzo (a) pyrene	370	U	ug/kg	370	390	U	ug/kg	390
Indeno (1,2,3-cd) pyrene	370	U	ug/kg	370	390	U	ug/kg	390
Dibenz (a,h) anthracene	370	U	ug/kg	370	390	U	ug/kg	390
Benzo (g,h,i) perylene	370	U	ug/kg	370	390	U	ug/kg	390

08/18/93 WHITING FIELD ANALYTICAL RESULT REPORT 11:08:52
SOIL BORING -- SEMI-VOLATILES -- VALIDATED RESULTS

Lab Sample Number:	34823005
Site	WHITING
Locator	17SB3-10-12
Collect Date:	07-JAN-93

	VALUE	QUAL	UNITS	DL
CLP SEMIVOLATILES 90-SOW				
Phenol	380	U	ug/kg	380
bis(2-Chloroethyl) ether	380	U	ug/kg	380
2-Chlorophenol	380	U	ug/kg	380
1,3-Dichlorobenzene	380	U	ug/kg	380
1,4-Dichlorobenzene	380	U	ug/kg	380
1,2-Dichlorobenzene	380	U	ug/kg	380
2-Methylphenol	380	U	ug/kg	380
2,2-oxybis(1-Chloropropane)	380	U	ug/kg	380
4-Methylphenol	380	U	ug/kg	380
N-Nitroso-di-n-propylamine	380	U	ug/kg	380
Hexachloroethane	380	U	ug/kg	380
Nitrobenzene	380	U	ug/kg	380
Isophorone	380	U	ug/kg	380
2-Nitrophenol	380	U	ug/kg	380
2,4-Dimethylphenol	380	U	ug/kg	380
bis(2-Chloroethoxy) methane	380	U	ug/kg	380
2,4-Dichlorophenol	380	U	ug/kg	380
1,2,4-Trichlorobenzene	380	U	ug/kg	380
Naphthalene	380	U	ug/kg	380
4-Chloroaniline	380	U	ug/kg	380
Hexachlorobutadiene	380	U	ug/kg	380
4-Chloro-3-methylphenol	380	U	ug/kg	380
2-Methylnaphthalene	380	U	ug/kg	380
Hexachlorocyclopentadiene	380	U	ug/kg	380
2,4,6-Trichlorophenol	380	U	ug/kg	380
2,4,5-Trichlorophenol	920	U	ug/kg	920
2-Chloronaphthalene	380	U	ug/kg	380
2-Nitroaniline	920	U	ug/kg	920
Dimethylphthalate	380	U	ug/kg	380
Acenaphthylene	380	U	ug/kg	380
2,6-Dinitrotoluene	380	U	ug/kg	380
3-Nitroaniline	920	U	ug/kg	920
Acenaphthene	380	U	ug/kg	380
2,4-Dinitrophenol	920	UJ	ug/kg	920
4-Nitrophenol	920	UJ	ug/kg	920
Dibenzofuran	380	U	ug/kg	380
2,4-Dinitrotoluene	380	U	ug/kg	380
Diethylphthalate	380	U	ug/kg	380
4-Chlorophenyl-phenylether	380	U	ug/kg	380
Fluorene	380	U	ug/kg	380
4-Nitroaniline	920	UJ	ug/kg	920
4,6-Dinitro-2-methylphenol	920	U	ug/kg	920
N-Nitrosodiphenylamine (1)	380	U	ug/kg	380
4-Bromophenyl-phenylether	380	U	ug/kg	380
Hexachlorobenzene	380	U	ug/kg	380
Pentachlorophenol	920	U	ug/kg	920
Phenanthrene	380	U	ug/kg	380
Anthracene	380	U	ug/kg	380
Carbazole	380	U	ug/kg	380
Di-n-butylphthalate	380	U	ug/kg	380
Fluoranthene	380	U	ug/kg	380
Pyrene	380	U	ug/kg	380
Butylbenzylphthalate	380	U	ug/kg	380

08/18/93 WHITING FIELD ANALYTICAL RESULT REPORT 11:08:52
SOIL BORING -- SEMI-VOLATILES -- VALIDATED RESULTS

Lab Sample Number:	34823005
Site	WHITING
Locator	17SB3-10-12
Collect Date:	07-JAN-93

	VALUE	QUAL	UNITS	DL
3,3-Dichlorobenzidine	380	U	ug/kg	380
Benzo (a) anthracene	380	U	ug/kg	380
Chrysene	380	U	ug/kg	380
bis(2-Ethylhexyl) phthalate	380	U	ug/kg	380
Di-n-octylphthalate	380	U	ug/kg	380
Benzo (b) fluoranthene	380	U	ug/kg	380
Benzo (k) fluoranthene	380	U	ug/kg	380
Benzo (a) pyrene	380	U	ug/kg	380
Indeno (1,2,3-cd) pyrene	380	U	ug/kg	380
Dibenz (a,h) anthracene	380	U	ug/kg	380
Benzo (g,h,i) perylene	380	U	ug/kg	380

SOIL BORING -- SEMI-VOLATILES -- VALIDATED RESULTS

Lab Sample Number:	34823004				34823003				
Site	WHITING				WHITING				
Locator	17SB4-10-12				17SB4-5-7				
Collect Date:	07-JAN-93				07-JAN-93				
	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	
CLP SEMIVOLATILES 90-SOW									
Phenol	370	U	ug/kg	370	390	U	ug/kg	390	
bis(2-Chloroethyl) ether	370	U	ug/kg	370	390	U	ug/kg	390	
2-Chlorophenol	370	U	ug/kg	370	390	U	ug/kg	390	
1,3-Dichlorobenzene	370	U	ug/kg	370	390	U	ug/kg	390	
1,4-Dichlorobenzene	370	U	ug/kg	370	390	U	ug/kg	390	
1,2-Dichlorobenzene	370	U	ug/kg	370	390	U	ug/kg	390	
2-Methylphenol	370	U	ug/kg	370	390	U	ug/kg	390	
2,2-oxybis(1-Chloropropane)	370	U	ug/kg	370	390	U	ug/kg	390	
4-Methylphenol	370	U	ug/kg	370	390	U	ug/kg	390	
N-Nitroso-di-n-propylamine	370	U	ug/kg	370	390	U	ug/kg	390	
Hexachloroethane	370	U	ug/kg	370	390	U	ug/kg	390	
Nitrobenzene	370	U	ug/kg	370	390	U	ug/kg	390	
Isophorone	370	U	ug/kg	370	390	U	ug/kg	390	
2-Nitrophenol	370	U	ug/kg	370	390	U	ug/kg	390	
2,4-Dimethylphenol	370	U	ug/kg	370	390	U	ug/kg	390	
bis(2-Chloroethoxy) methane	370	U	ug/kg	370	390	U	ug/kg	390	
2,4-Dichlorophenol	370	U	ug/kg	370	390	U	ug/kg	390	
1,2,4-Trichlorobenzene	370	U	ug/kg	370	390	U	ug/kg	390	
Naphthalene	370	U	ug/kg	370	390	U	ug/kg	390	
4-Chloroaniline	370	U	ug/kg	370	390	U	ug/kg	390	
Hexachlorobutadiene	370	U	ug/kg	370	390	U	ug/kg	390	
4-Chloro-3-methylphenol	370	U	ug/kg	370	390	U	ug/kg	390	
2-Methylnaphthalene	370	U	ug/kg	370	390	U	ug/kg	390	
Hexachlorocyclopentadiene	370	U	ug/kg	370	390	U	ug/kg	390	
2,4,6-Trichlorophenol	370	U	ug/kg	370	390	U	ug/kg	390	
2,4,5-Trichlorophenol	900	U	ug/kg	900	950	U	ug/kg	950	
2-Chloronaphthalene	370	U	ug/kg	370	390	U	ug/kg	390	
2-Nitroaniline	900	U	ug/kg	900	950	U	ug/kg	950	
Dimethylphthalate	370	U	ug/kg	370	390	U	ug/kg	390	
Acenaphthylene	370	U	ug/kg	370	390	U	ug/kg	390	
2,6-Dinitrotoluene	370	U	ug/kg	370	390	U	ug/kg	390	
3-Nitroaniline	900	U	ug/kg	900	950	U	ug/kg	950	
Acenaphthene	370	U	ug/kg	370	390	U	ug/kg	390	
2,4-Dinitrophenol	900	UJ	ug/kg	900	950	UJ	ug/kg	950	
4-Nitrophenol	900	UJ	ug/kg	900	950	UJ	ug/kg	950	
Dibenzofuran	370	U	ug/kg	370	390	U	ug/kg	390	
2,4-Dinitrotoluene	370	U	ug/kg	370	390	U	ug/kg	390	
Diethylphthalate	94	J	ug/kg	370	390	U	ug/kg	390	
4-Chlorophenyl-phenylether	370	U	ug/kg	370	390	U	ug/kg	390	
Fluorene	370	U	ug/kg	370	390	U	ug/kg	390	
4-Nitroaniline	900	UJ	ug/kg	900	950	UJ	ug/kg	950	
4,6-Dinitro-2-methylphenol	900	U	ug/kg	900	950	U	ug/kg	950	
N-Nitrosodiphenylamine (1)	370	U	ug/kg	370	390	U	ug/kg	390	
4-Bromophenyl-phenylether	370	U	ug/kg	370	390	U	ug/kg	390	
Hexachlorobenzene	370	U	ug/kg	370	390	U	ug/kg	390	
Pentachlorophenol	900	U	ug/kg	900	950	U	ug/kg	950	
Phenanthrene	370	U	ug/kg	370	390	U	ug/kg	390	
Anthracene	370	U	ug/kg	370	390	U	ug/kg	390	
Carbazole	370	U	ug/kg	370	390	U	ug/kg	390	
Di-n-butylphthalate	370	U	ug/kg	370	390	U	ug/kg	390	
Fluoranthene	370	U	ug/kg	370	390	U	ug/kg	390	
Pyrene	370	U	ug/kg	370	390	U	ug/kg	390	
Butylbenzylphthalate	370	U	ug/kg	370	390	U	ug/kg	390	

Lab Sample Number:	34823004				34823003				
Site	WHITING				WHITING				
Locator	17SB4-10-12				17SB4-5-7				
Collect Date:	07-JAN-93				07-JAN-93				
	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	
3,3-Dichlorobenzidine	370	U	ug/kg	370	390	U	ug/kg	390	
Benzo (a) anthracene	370	U	ug/kg	370	390	U	ug/kg	390	
Chrysene	370	U	ug/kg	370	390	U	ug/kg	390	
bis(2-Ethylhexyl) phthalate	370	U	ug/kg	370	390	U	ug/kg	390	
Di-n-octylphthalate	370	U	ug/kg	370	390	U	ug/kg	390	
Benzo (b) fluoranthene	370	U	ug/kg	370	390	U	ug/kg	390	
Benzo (k) fluoranthene	370	U	ug/kg	370	390	U	ug/kg	390	
Benzo (a) pyrene	370	U	ug/kg	370	390	U	ug/kg	390	
Indeno (1,2,3-cd) pyrene	370	U	ug/kg	370	390	U	ug/kg	390	
Dibenz (a,h) anthracene	370	U	ug/kg	370	390	U	ug/kg	390	
Benzo (g,h,i) perylene	370	U	ug/kg	370	390	U	ug/kg	390	

08/18/93 WHITING FIELD ANALYTICAL RESULT REPORT 11:10:14
SOIL BORING -- SEMI-VOLATILES -- VALIDATED RESULTS

Lab Sample Number:	34926001				34926002				34926001MS				34926M01			
Site	WHITING				WHITING				WHITING				WHITING			
Locator	17SB5-5-7				17SB5-5-7A				17SB5-5-7MS				17SB5-5-7MS			
Collect Date:	19-JAN-93				19-JAN-93				19-JAN-93				19-JAN-93			
	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL
CLP SEMIVOLATILES 90-SOW																
Phenol	400	U	ug/kg	400	400	U	ug/kg	400	-				400	U	ug/kg	400
bis(2-Chloroethyl) ether	400	U	ug/kg	400	400	U	ug/kg	400	-				400	U	ug/kg	400
2-Chlorophenol	400	U	ug/kg	400	400	U	ug/kg	400	-				400	U	ug/kg	400
1,3-Dichlorobenzene	400	U	ug/kg	400	400	U	ug/kg	400	-				400	U	ug/kg	400
1,4-Dichlorobenzene	400	U	ug/kg	400	400	U	ug/kg	400	-				400	U	ug/kg	400
1,2-Dichlorobenzene	400	U	ug/kg	400	400	U	ug/kg	400	-				400	U	ug/kg	400
2-Methylphenol	400	U	ug/kg	400	400	U	ug/kg	400	-				400	U	ug/kg	400
2,2-oxybis(1-Chloropropane)	400	U	ug/kg	400	400	U	ug/kg	400	-				400	U	ug/kg	400
4-Methylphenol	400	U	ug/kg	400	400	U	ug/kg	400	-				400	U	ug/kg	400
N-Nitroso-di-n-propylamine	400	U	ug/kg	400	400	U	ug/kg	400	-				400	U	ug/kg	400
Hexachloroethane	400	U	ug/kg	400	400	U	ug/kg	400	-				400	U	ug/kg	400
Nitrobenzene	400	U	ug/kg	400	400	U	ug/kg	400	-				400	U	ug/kg	400
Isophorone	400	U	ug/kg	400	400	U	ug/kg	400	-				400	U	ug/kg	400
2-Nitrophenol	400	U	ug/kg	400	400	U	ug/kg	400	-				400	U	ug/kg	400
2,4-Dimethylphenol	400	U	ug/kg	400	400	U	ug/kg	400	-				400	U	ug/kg	400
bis(2-Chloroethoxy) methane	400	U	ug/kg	400	400	U	ug/kg	400	-				400	U	ug/kg	400
2,4-Dichlorophenol	400	U	ug/kg	400	400	U	ug/kg	400	-				400	U	ug/kg	400
1,2,4-Trichlorobenzene	400	U	ug/kg	400	400	U	ug/kg	400	-				400	U	ug/kg	400
Naphthalene	400	U	ug/kg	400	400	U	ug/kg	400	-				400	U	ug/kg	400
4-Chloroaniline	400	U	ug/kg	400	400	U	ug/kg	400	-				400	U	ug/kg	400
Hexachlorobutadiene	400	U	ug/kg	400	400	U	ug/kg	400	-				400	U	ug/kg	400
4-Chloro-3-methylphenol	400	U	ug/kg	400	400	U	ug/kg	400	-				400	U	ug/kg	400
2-Methylnaphthalene	400	U	ug/kg	400	400	U	ug/kg	400	-				400	U	ug/kg	400
Hexachlorocyclopentadiene	400	U	ug/kg	400	400	U	ug/kg	400	-				400	U	ug/kg	400
2,4,6-Trichlorophenol	400	U	ug/kg	400	400	U	ug/kg	400	-				400	U	ug/kg	400
2,4,5-Trichlorophenol	980	U	ug/kg	980	960	U	ug/kg	960	-				980	U	ug/kg	980
2-Chloronaphthalene	400	U	ug/kg	400	400	U	ug/kg	400	-				400	U	ug/kg	400
2-Nitroaniline	980	U	ug/kg	980	960	U	ug/kg	960	-				980	U	ug/kg	980
Dimethylphthalate	400	U	ug/kg	400	400	U	ug/kg	400	-				400	U	ug/kg	400
Acenaphthylene	400	U	ug/kg	400	400	U	ug/kg	400	-				400	U	ug/kg	400
2,6-Dinitrotoluene	400	U	ug/kg	400	400	U	ug/kg	400	-				400	U	ug/kg	400
3-Nitroaniline	980	U	ug/kg	980	960	U	ug/kg	960	-				980	U	ug/kg	980
Acenaphthene	400	U	ug/kg	400	400	U	ug/kg	400	-				400	U	ug/kg	400
2,4-Dinitrophenol	980	U	ug/kg	980	960	U	ug/kg	960	-				980	U	ug/kg	980
4-Nitrophenol	980	U	ug/kg	980	960	U	ug/kg	960	-				980	U	ug/kg	980
Dibenzofuran	400	U	ug/kg	400	400	U	ug/kg	400	-				400	U	ug/kg	400
2,4-Dinitrotoluene	400	U	ug/kg	400	400	U	ug/kg	400	-				400	U	ug/kg	400
Diethylphthalate	400	U	ug/kg	400	400	U	ug/kg	400	-				400	U	ug/kg	400
4-Chlorophenyl-phenylether	400	U	ug/kg	400	400	U	ug/kg	400	-				400	U	ug/kg	400
Fluorene	400	U	ug/kg	400	400	U	ug/kg	400	-				400	U	ug/kg	400
4-Nitroaniline	980	U	ug/kg	980	960	U	ug/kg	960	-				980	U	ug/kg	980
4,6-Dinitro-2-methylphenol	980	U	ug/kg	980	960	U	ug/kg	960	-				980	U	ug/kg	980
N-Nitrosodiphenylamine (1)	400	U	ug/kg	400	400	U	ug/kg	400	-				400	U	ug/kg	400
4-Bromophenyl-phenylether	400	U	ug/kg	400	400	U	ug/kg	400	-				400	U	ug/kg	400
Hexachlorobenzene	400	U	ug/kg	400	400	U	ug/kg	400	-				400	U	ug/kg	400
Pentachlorophenol	980	U	ug/kg	980	960	U	ug/kg	960	-				980	U	ug/kg	980
Phenanthrene	400	U	ug/kg	400	400	U	ug/kg	400	-				400	U	ug/kg	400
Anthracene	400	U	ug/kg	400	400	U	ug/kg	400	-				400	U	ug/kg	400
Carbazole	400	U	ug/kg	400	400	U	ug/kg	400	-				400	U	ug/kg	400
Di-n-butylphthalate	400	UJ	ug/kg	400	400	UJ	ug/kg	400	-				43	J	ug/kg	400
Fluoranthene	400	U	ug/kg	400	400	U	ug/kg	400	-				400	U	ug/kg	400
Pyrene	400	U	ug/kg	400	400	U	ug/kg	400	-				400	U	ug/kg	400
Butylbenzylphthalate	400	U	ug/kg	400	400	U	ug/kg	400	-				400	U	ug/kg	400

08/18/93 WHITING FIELD ANALYTICAL RESULT REPORT 11:10:14
SOIL BORING -- SEMI-VOLATILES -- VALIDATED RESULTS

Lab Sample Number:	34926001				34926002				34926001MS				34926M01			
Site	WHITING				WHITING				WHITING				WHITING			
Locator	17SB5-5-7				17SB5-5-7A				17SB5-5-7MS				17SB5-5-7MS			
Collect Date:	19-JAN-93				19-JAN-93				19-JAN-93				19-JAN-93			
	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL
3,3-Dichlorobenzidine	400	U	ug/kg	400	400	U	ug/kg	400	-				400	U	ug/kg	400
Benzo (a) anthracene	400	U	ug/kg	400	400	U	ug/kg	400	-				400	U	ug/kg	400
Chrysene	400	U	ug/kg	400	400	U	ug/kg	400	-				400	U	ug/kg	400
bis(2-Ethylhexyl) phthalate	400	U	ug/kg	400	400	U	ug/kg	400	-				400	U	ug/kg	400
Di-n-octylphthalate	400	U	ug/kg	400	400	U	ug/kg	400	-				400	U	ug/kg	400
Benzo (b) fluoranthene	400	U	ug/kg	400	400	U	ug/kg	400	-				400	U	ug/kg	400
Benzo (k) fluoranthene	400	U	ug/kg	400	400	U	ug/kg	400	-				400	U	ug/kg	400
Benzo (a) pyrene	400	U	ug/kg	400	400	U	ug/kg	400	-				400	U	ug/kg	400
Indeno (1,2,3-cd) pyrene	400	U	ug/kg	400	400	U	ug/kg	400	-				400	U	ug/kg	400
Dibenz (a,h) anthracene	400	U	ug/kg	400	400	U	ug/kg	400	-				400	U	ug/kg	400
Benzo (g,h,i) perylene	400	U	ug/kg	400	400	U	ug/kg	400	-				400	U	ug/kg	400

08/18/93 WHITING FIELD ANALYTICAL RESULT REPORT 11:10:14
SOIL BORING -- SEMI-VOLATILES -- VALIDATED RESULTS

Lab Sample Number:	34926001MS				34926001				34925001				34925002			
Site	WHITING				WHITING				WHITING				WHITING			
Locator	17SB5-5-7MSD				17SB5-5-7MSD				17SB5-10-12				17SB5-20-22			
Collect Date:	19-JAN-93				19-JAN-93				19-JAN-93				19-JAN-93			
	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL
CLP SEMIVOLATILES 90-SOW																
Phenol		-			400	U	ug/kg	400	390	U	ug/kg	390	340	U	ug/kg	340
bis(2-Chloroethyl) ether		-			400	U	ug/kg	400	390	U	ug/kg	390	340	U	ug/kg	340
2-Chlorophenol		-			400	U	ug/kg	400	390	U	ug/kg	390	340	U	ug/kg	340
1,3-Dichlorobenzene		-			400	U	ug/kg	400	390	U	ug/kg	390	340	U	ug/kg	340
1,4-Dichlorobenzene		-			400	U	ug/kg	400	390	U	ug/kg	390	340	U	ug/kg	340
1,2-Dichlorobenzene		-			400	U	ug/kg	400	390	U	ug/kg	390	340	U	ug/kg	340
2-Methylphenol		-			400	U	ug/kg	400	390	U	ug/kg	390	340	U	ug/kg	340
2,2-oxybis(1-Chloropropane)		-			400	U	ug/kg	400	390	U	ug/kg	390	340	U	ug/kg	340
4-Methylphenol		-			400	U	ug/kg	400	390	U	ug/kg	390	340	U	ug/kg	340
N-Nitroso-di-n-propylamine		-			400	U	ug/kg	400	390	U	ug/kg	390	340	U	ug/kg	340
Hexachloroethane		-			400	U	ug/kg	400	390	U	ug/kg	390	340	U	ug/kg	340
Nitrobenzene		-			400	U	ug/kg	400	390	U	ug/kg	390	340	U	ug/kg	340
Isophorone		-			400	U	ug/kg	400	390	U	ug/kg	390	340	U	ug/kg	340
2-Nitrophenol		-			400	U	ug/kg	400	390	U	ug/kg	390	340	U	ug/kg	340
2,4-Dimethylphenol		-			400	U	ug/kg	400	390	U	ug/kg	390	340	U	ug/kg	340
bis(2-Chloroethoxy) methane		-			400	U	ug/kg	400	390	U	ug/kg	390	340	U	ug/kg	340
2,4-Dichlorophenol		-			400	U	ug/kg	400	390	U	ug/kg	390	340	U	ug/kg	340
1,2,4-Trichlorobenzene		-			400	U	ug/kg	400	390	U	ug/kg	390	340	U	ug/kg	340
Naphthalene		-			400	U	ug/kg	400	390	U	ug/kg	390	340	U	ug/kg	340
4-Chloroaniline		-			400	U	ug/kg	400	390	U	ug/kg	390	340	U	ug/kg	340
Hexachlorobutadiene		-			400	U	ug/kg	400	390	U	ug/kg	390	340	U	ug/kg	340
4-Chloro-3-methylphenol		-			400	U	ug/kg	400	390	U	ug/kg	390	340	U	ug/kg	340
2-Methylnaphthalene		-			400	U	ug/kg	400	390	U	ug/kg	390	340	U	ug/kg	340
Hexachlorocyclopentadiene		-			400	U	ug/kg	400	390	U	ug/kg	390	340	U	ug/kg	340
2,4,6-Trichlorophenol		-			400	U	ug/kg	400	390	U	ug/kg	390	340	U	ug/kg	340
2,4,5-Trichlorophenol		-			980	U	ug/kg	980	940	U	ug/kg	940	820	U	ug/kg	820
2-Chloronaphthalene		-			400	U	ug/kg	400	390	U	ug/kg	390	340	U	ug/kg	340
2-Nitroaniline		-			980	U	ug/kg	980	940	U	ug/kg	940	820	U	ug/kg	820
Dimethylphthalate		-			400	U	ug/kg	400	390	U	ug/kg	390	340	U	ug/kg	340
Acenaphthylene		-			400	U	ug/kg	400	390	U	ug/kg	390	340	U	ug/kg	340
2,6-Dinitrotoluene		-			400	U	ug/kg	400	390	U	ug/kg	390	340	U	ug/kg	340
3-Nitroaniline		-			980	U	ug/kg	980	940	U	ug/kg	940	820	U	ug/kg	820
Acenaphthene		-			400	U	ug/kg	400	390	U	ug/kg	390	340	U	ug/kg	340
2,4-Dinitrophenol		-			980	U	ug/kg	980	940	U	ug/kg	940	820	U	ug/kg	820
4-Nitrophenol		-			980	U	ug/kg	980	940	U	ug/kg	940	820	U	ug/kg	820
Dibenzofuran		-			400	U	ug/kg	400	390	U	ug/kg	390	340	U	ug/kg	340
2,4-Dinitrotoluene		-			400	U	ug/kg	400	390	U	ug/kg	390	340	U	ug/kg	340
Diethylphthalate		-			400	U	ug/kg	400	390	U	ug/kg	390	340	U	ug/kg	340
4-Chlorophenyl-phenylether		-			400	U	ug/kg	400	390	U	ug/kg	390	340	U	ug/kg	340
Fluorene		-			400	U	ug/kg	400	390	U	ug/kg	390	340	U	ug/kg	340
4-Nitroaniline		-			980	U	ug/kg	980	940	U	ug/kg	940	820	U	ug/kg	820
4,6-Dinitro-2-methylphenol		-			980	U	ug/kg	980	940	U	ug/kg	940	820	U	ug/kg	820
N-Nitrosodiphenylamine (1)		-			400	U	ug/kg	400	390	U	ug/kg	390	340	U	ug/kg	340
4-Bromophenyl-phenylether		-			400	U	ug/kg	400	390	U	ug/kg	390	340	U	ug/kg	340
Hexachlorobenzene		-			400	U	ug/kg	400	390	U	ug/kg	390	340	U	ug/kg	340
Pentachlorophenol		-			980	U	ug/kg	980	940	UJ	ug/kg	940	820	UJ	ug/kg	820
Phenanthrene		-			400	U	ug/kg	400	390	U	ug/kg	390	340	U	ug/kg	340
Anthracene		-			400	U	ug/kg	400	390	U	ug/kg	390	340	U	ug/kg	340
Carbazole		-			400	U	ug/kg	400	390	U	ug/kg	390	340	U	ug/kg	340
Di-n-butylphthalate		-			400	U	ug/kg	400	390	U	ug/kg	390	340	U	ug/kg	340
Fluoranthene		-			400	U	ug/kg	400	390	U	ug/kg	390	340	U	ug/kg	340
Pyrene		-			400	U	ug/kg	400	390	U	ug/kg	390	340	U	ug/kg	340

08/18/93 WHITING FIELD ANALYTICAL RESULT REPORT 11:10:14
SOIL BORING -- SEMI-VOLATILES -- VALIDATED RESULTS

Lab Sample Number:	34926001MS				34926001				34925001				34925002					
Site	WHITING				WHITING				WHITING				WHITING					
Locator	17SB5-5-7MSD				17SB5-5-7MSD				17SB5-10-12				17SB5-20-22					
Collect Date:	19-JAN-93				19-JAN-93				19-JAN-93				19-JAN-93					
	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL		
Butylbenzylphthalate	-				400	U	ug/kg	400	390	U	ug/kg	390	340	U	ug/kg	340		
3,3-Dichlorobenzidine	-				400	U	ug/kg	400	390	U	ug/kg	390	340	U	ug/kg	340		
Benzo (a) anthracene	-				400	U	ug/kg	400	390	U	ug/kg	390	340	U	ug/kg	340		
Chrysene	-				400	U	ug/kg	400	390	U	ug/kg	390	340	U	ug/kg	340		
bis(2-Ethylhexyl) phthalate	-				400	U	ug/kg	400	390	U	ug/kg	390	340	U	ug/kg	340		
Di-n-octylphthalate	-				400	U	ug/kg	400	390	U	ug/kg	390	340	U	ug/kg	340		
Benzo (b) fluoranthene	-				400	U	ug/kg	400	390	U	ug/kg	390	340	U	ug/kg	340		
Benzo (k) fluoranthene	-				400	U	ug/kg	400	390	U	ug/kg	390	340	U	ug/kg	340		
Benzo (a) pyrene	-				400	U	ug/kg	400	390	U	ug/kg	390	340	U	ug/kg	340		
Indeno (1,2,3-cd) pyrene	-				400	U	ug/kg	400	390	U	ug/kg	390	340	U	ug/kg	340		
Dibenz (a,h) anthracene	-				400	U	ug/kg	400	390	U	ug/kg	390	340	U	ug/kg	340		
Benzo (g,h,i) perylene	-				400	U	ug/kg	400	390	U	ug/kg	390	340	U	ug/kg	340		

08/18/93 WHITING FIELD ANALYTICAL RESULT REPORT 11:12:16
SOIL BORING -- SEMI-VOLATILES -- VALIDATED RESULTS

Lab Sample Number:	34823002				34823001			
Site	WHITING				WHITING			
Locator	17SB6-10-12				17SB6-5-7			
Collect Date:	07-JAN-93				07-JAN-93			
	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL
CLP SEMIVOLATILES 90-SOW								
Phenol	350	U	ug/kg	350	400	U	ug/kg	400
bis(2-Chloroethyl) ether	350	U	ug/kg	350	400	U	ug/kg	400
2-Chlorophenol	350	U	ug/kg	350	400	U	ug/kg	400
1,3-Dichlorobenzene	350	U	ug/kg	350	400	U	ug/kg	400
1,4-Dichlorobenzene	350	U	ug/kg	350	400	U	ug/kg	400
1,2-Dichlorobenzene	350	U	ug/kg	350	400	U	ug/kg	400
2-Methylphenol	350	U	ug/kg	350	400	U	ug/kg	400
2,2-oxybis(1-Chloropropane)	350	U	ug/kg	350	400	U	ug/kg	400
4-Methylphenol	350	U	ug/kg	350	400	U	ug/kg	400
N-Nitroso-di-n-propylamine	350	U	ug/kg	350	400	U	ug/kg	400
Hexachloroethane	350	U	ug/kg	350	400	U	ug/kg	400
Nitrobenzene	350	U	ug/kg	350	400	U	ug/kg	400
Isophorone	350	U	ug/kg	350	400	U	ug/kg	400
2-Nitrophenol	350	U	ug/kg	350	400	U	ug/kg	400
2,4-Dimethylphenol	350	U	ug/kg	350	400	U	ug/kg	400
bis(2-Chloroethoxy) methane	350	U	ug/kg	350	400	U	ug/kg	400
2,4-Dichlorophenol	350	U	ug/kg	350	400	U	ug/kg	400
1,2,4-Trichlorobenzene	350	U	ug/kg	350	400	U	ug/kg	400
Naphthalene	350	U	ug/kg	350	400	U	ug/kg	400
4-Chloroaniline	350	U	ug/kg	350	400	U	ug/kg	400
Hexachlorobutadiene	350	U	ug/kg	350	400	U	ug/kg	400
4-Chloro-3-methylphenol	350	U	ug/kg	350	400	U	ug/kg	400
2-Methylnaphthalene	350	U	ug/kg	350	400	U	ug/kg	400
Hexachlorocyclopentadiene	350	U	ug/kg	350	400	U	ug/kg	400
2,4,6-Trichlorophenol	350	U	ug/kg	350	400	U	ug/kg	400
2,4,5-Trichlorophenol	850	U	ug/kg	850	980	U	ug/kg	980
2-Chloronaphthalene	350	U	ug/kg	350	400	U	ug/kg	400
2-Nitroaniline	850	U	ug/kg	850	980	U	ug/kg	980
Dimethylphthalate	350	U	ug/kg	350	400	U	ug/kg	400
Acenaphthylene	350	U	ug/kg	350	400	U	ug/kg	400
2,6-Dinitrotoluene	350	U	ug/kg	350	400	U	ug/kg	400
3-Nitroaniline	850	U	ug/kg	850	980	U	ug/kg	980
Acenaphthene	350	U	ug/kg	350	400	U	ug/kg	400
2,4-Dinitrophenol	850	UJ	ug/kg	850	980	UJ	ug/kg	980
4-Nitrophenol	850	UJ	ug/kg	850	980	UJ	ug/kg	980
Dibenzofuran	350	U	ug/kg	350	400	U	ug/kg	400
2,4-Dinitrotoluene	350	U	ug/kg	350	400	U	ug/kg	400
Diethylphthalate	350	U	ug/kg	350	400	U	ug/kg	400
4-Chlorophenyl-phenylether	350	U	ug/kg	350	400	U	ug/kg	400
Fluorene	350	U	ug/kg	350	400	U	ug/kg	400
4-Nitroaniline	850	UJ	ug/kg	850	980	UJ	ug/kg	980
4,6-Dinitro-2-methylphenol	850	U	ug/kg	850	980	U	ug/kg	980
N-Nitrosodiphenylamine (1)	350	U	ug/kg	350	400	U	ug/kg	400
4-Bromophenyl-phenylether	350	U	ug/kg	350	400	U	ug/kg	400
Hexachlorobenzene	350	U	ug/kg	350	400	U	ug/kg	400
Pentachlorophenol	850	U	ug/kg	850	980	U	ug/kg	980
Phenanthrene	350	U	ug/kg	350	400	U	ug/kg	400
Anthracene	350	U	ug/kg	350	400	U	ug/kg	400
Carbazole	350	U	ug/kg	350	400	U	ug/kg	400
Di-n-butylphthalate	350	U	ug/kg	350	400	U	ug/kg	400
Fluoranthene	350	U	ug/kg	350	400	U	ug/kg	400
Pyrene	350	U	ug/kg	350	400	U	ug/kg	400
Butylbenzylphthalate	350	U	ug/kg	350	400	U	ug/kg	400

08/18/93 WHITING FIELD ANALYTICAL RESULT REPORT 11:12:16
SOIL BORING -- SEMI-VOLATILES -- VALIDATED RESULTS

Lab Sample Number:	34823002				34823001			
Site	WHITING				WHITING			
Locator	17SB6-10-12				17SB6-5-7			
Collect Date:	07-JAN-93				07-JAN-93			
	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL
3,3-Dichlorobenzidine	350	U	ug/kg	350	400	U	ug/kg	400
Benzo (a) anthracene	350	U	ug/kg	350	400	U	ug/kg	400
Chrysene	350	U	ug/kg	350	400	U	ug/kg	400
bis(2-Ethylhexyl) phthalate	350	U	ug/kg	350	400	U	ug/kg	400
Di-n-octylphthalate	350	U	ug/kg	350	400	U	ug/kg	400
Benzo (b) fluoranthene	350	U	ug/kg	350	400	U	ug/kg	400
Benzo (k) fluoranthene	350	U	ug/kg	350	400	U	ug/kg	400
Benzo (a) pyrene	350	U	ug/kg	350	400	U	ug/kg	400
Indeno (1,2,3-cd) pyrene	350	U	ug/kg	350	400	U	ug/kg	400
Dibenz (a,h) anthracene	350	U	ug/kg	350	400	U	ug/kg	400
Benzo (g,h,i) perylene	350	U	ug/kg	350	400	U	ug/kg	400

08/18/93 WHITING FIELD ANALYTICAL RESULT REPORT 11:13:05
SOIL BORING -- SEMI-VOLATILES -- VALIDATED RESULTS

Lab Sample Number:	34906007				34906006			
Site	WHITING				WHITING			
Locator	17SB7-15-17				17SB7-5-7			
Collect Date:	18-JAN-93				18-JAN-93			
	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL
CLP SEMIVOLATILES 90-SOW								
Phenol	350	U	ug/kg	350	390	U	ug/kg	390
bis(2-Chloroethyl) ether	350	U	ug/kg	350	390	U	ug/kg	390
2-Chlorophenol	350	U	ug/kg	350	390	U	ug/kg	390
1,3-Dichlorobenzene	350	U	ug/kg	350	390	U	ug/kg	390
1,4-Dichlorobenzene	350	U	ug/kg	350	390	U	ug/kg	390
1,2-Dichlorobenzene	350	U	ug/kg	350	390	U	ug/kg	390
2-Methylphenol	350	U	ug/kg	350	390	U	ug/kg	390
2,2-oxybis(1-Chloropropane)	350	U	ug/kg	350	390	U	ug/kg	390
4-Methylphenol	350	U	ug/kg	350	390	U	ug/kg	390
N-Nitroso-di-n-propylamine	350	U	ug/kg	350	390	U	ug/kg	390
Hexachloroethane	350	U	ug/kg	350	390	U	ug/kg	390
Nitrobenzene	350	U	ug/kg	350	390	U	ug/kg	390
Isophorone	350	U	ug/kg	350	390	U	ug/kg	390
2-Nitrophenol	350	U	ug/kg	350	390	U	ug/kg	390
2,4-Dimethylphenol	350	U	ug/kg	350	390	U	ug/kg	390
bis(2-Chloroethoxy) methane	350	U	ug/kg	350	390	U	ug/kg	390
2,4-Dichlorophenol	350	U	ug/kg	350	390	U	ug/kg	390
1,2,4-Trichlorobenzene	350	U	ug/kg	350	390	U	ug/kg	390
Naphthalene	350	U	ug/kg	350	390	U	ug/kg	390
4-Chloroaniline	350	U	ug/kg	350	390	U	ug/kg	390
Hexachlorobutadiene	350	U	ug/kg	350	390	U	ug/kg	390
4-Chloro-3-methylphenol	350	U	ug/kg	350	390	U	ug/kg	390
2-Methylnaphthalene	350	U	ug/kg	350	390	U	ug/kg	390
Hexachlorocyclopentadiene	350	U	ug/kg	350	390	U	ug/kg	390
2,4,6-Trichlorophenol	350	U	ug/kg	350	390	U	ug/kg	390
2,4,5-Trichlorophenol	840	U	ug/kg	840	940	U	ug/kg	940
2-Chloronaphthalene	350	U	ug/kg	350	390	U	ug/kg	390
2-Nitroaniline	840	U	ug/kg	840	940	U	ug/kg	940
Dimethylphthalate	350	U	ug/kg	350	390	U	ug/kg	390
Acenaphthylene	350	U	ug/kg	350	390	U	ug/kg	390
2,6-Dinitrotoluene	350	U	ug/kg	350	390	U	ug/kg	390
3-Nitroaniline	840	U	ug/kg	840	940	U	ug/kg	940
Acenaphthene	350	U	ug/kg	350	390	U	ug/kg	390
2,4-Dinitrophenol	840	U	ug/kg	840	940	U	ug/kg	940
4-Nitrophenol	840	U	ug/kg	840	940	U	ug/kg	940
Dibenzofuran	350	U	ug/kg	350	390	U	ug/kg	390
2,4-Dinitrotoluene	350	U	ug/kg	350	390	U	ug/kg	390
Diethylphthalate	350	U	ug/kg	350	390	U	ug/kg	390
4-Chlorophenyl-phenylether	350	U	ug/kg	350	390	U	ug/kg	390
Fluorene	350	U	ug/kg	350	390	U	ug/kg	390
4-Nitroaniline	840	U	ug/kg	840	940	U	ug/kg	940
4,6-Dinitro-2-methylphenol	840	U	ug/kg	840	940	U	ug/kg	940
N-Nitrosodiphenylamine (1)	350	U	ug/kg	350	390	U	ug/kg	390
4-Bromophenyl-phenylether	350	U	ug/kg	350	390	U	ug/kg	390
Hexachlorobenzene	350	U	ug/kg	350	390	U	ug/kg	390
Pentachlorophenol	840	U	ug/kg	840	940	U	ug/kg	940
Phenanthrene	350	U	ug/kg	350	390	U	ug/kg	390
Anthracene	350	U	ug/kg	350	390	U	ug/kg	390
Carbazole	350	U	ug/kg	350	390	U	ug/kg	390
Di-n-butylphthalate	350	UJ	ug/kg	350	390	UJ	ug/kg	390
Fluoranthene	350	U	ug/kg	350	390	U	ug/kg	390
Pyrene	350	U	ug/kg	350	390	U	ug/kg	390
Butylbenzylphthalate	350	U	ug/kg	350	390	U	ug/kg	390

08/18/93 WHITING FIELD ANALYTICAL RESULT REPORT 11:13:05
SOIL BORING -- SEMI-VOLATILES -- VALIDATED RESULTS

Lab Sample Number:	34906007				34906006			
Site	WHITING				WHITING			
Locator	17SB7-15-17				17SB7-5-7			
Collect Date:	18-JAN-93				18-JAN-93			
	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL
3,3-Dichlorobenzidine	350	U	ug/kg	350	390	U	ug/kg	390
Benzo (a) anthracene	350	U	ug/kg	350	390	U	ug/kg	390
Chrysene	350	U	ug/kg	350	390	U	ug/kg	390
bis(2-Ethylhexyl) phthalate	350	U	ug/kg	350	390	U	ug/kg	390
Di-n-octylphthalate	350	U	ug/kg	350	390	U	ug/kg	390
Benzo (b) fluoranthene	350	U	ug/kg	350	390	U	ug/kg	390
Benzo (k) fluoranthene	350	U	ug/kg	350	390	U	ug/kg	390
Benzo (a) pyrene	350	U	ug/kg	350	390	U	ug/kg	390
Indeno (1,2,3-cd) pyrene	350	U	ug/kg	350	390	U	ug/kg	390
Dibenz (a,h) anthracene	350	U	ug/kg	350	390	U	ug/kg	390
Benzo (g,h,i) perylene	350	U	ug/kg	350	390	U	ug/kg	390

08/18/93 WHITING FIELD ANALYTICAL RESULT REPORT 11:13:55
SOIL BORING -- SEMI-VOLATILES -- VALIDATED RESULTS

Lab Sample Number:	34906009				34906008			
Site	WHITING				WHITING			
Locator	17SB8-10-12				17SB8-5-7			
Collect Date:	18-JAN-93				18-JAN-93			
	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL
CLP SEMIVOLATILES 90-SOW								
Phenol	360	U	ug/kg	360	400	U	ug/kg	400
bis(2-Chloroethyl) ether	360	U	ug/kg	360	400	U	ug/kg	400
2-Chlorophenol	360	U	ug/kg	360	400	U	ug/kg	400
1,3-Dichlorobenzene	360	U	ug/kg	360	400	U	ug/kg	400
1,4-Dichlorobenzene	360	U	ug/kg	360	400	U	ug/kg	400
1,2-Dichlorobenzene	360	U	ug/kg	360	400	U	ug/kg	400
2-Methylphenol	360	U	ug/kg	360	400	U	ug/kg	400
2,2-oxybis(1-Chloropropane)	360	U	ug/kg	360	400	U	ug/kg	400
4-Methylphenol	360	U	ug/kg	360	400	U	ug/kg	400
N-Nitroso-di-n-propylamine	360	U	ug/kg	360	400	U	ug/kg	400
Hexachloroethane	360	U	ug/kg	360	400	U	ug/kg	400
Nitrobenzene	360	U	ug/kg	360	400	U	ug/kg	400
Isophorone	360	U	ug/kg	360	400	U	ug/kg	400
2-Nitrophenol	360	U	ug/kg	360	400	U	ug/kg	400
2,4-Dimethylphenol	360	U	ug/kg	360	400	U	ug/kg	400
bis(2-Chloroethoxy) methane	360	U	ug/kg	360	400	U	ug/kg	400
2,4-Dichlorophenol	360	U	ug/kg	360	400	U	ug/kg	400
1,2,4-Trichlorobenzene	360	U	ug/kg	360	400	U	ug/kg	400
Naphthalene	360	U	ug/kg	360	400	U	ug/kg	400
4-Chloroaniline	360	U	ug/kg	360	400	U	ug/kg	400
Hexachlorobutadiene	360	U	ug/kg	360	400	U	ug/kg	400
4-Chloro-3-methylphenol	360	U	ug/kg	360	400	U	ug/kg	400
2-Methylnaphthalene	360	U	ug/kg	360	400	U	ug/kg	400
Hexachlorocyclopentadiene	360	U	ug/kg	360	400	U	ug/kg	400
2,4,6-Trichlorophenol	360	U	ug/kg	360	400	U	ug/kg	400
2,4,5-Trichlorophenol	880	U	ug/kg	880	980	U	ug/kg	980
2-Chloronaphthalene	360	U	ug/kg	360	400	U	ug/kg	400
2-Nitroaniline	880	U	ug/kg	880	980	U	ug/kg	980
Dimethylphthalate	360	U	ug/kg	360	400	U	ug/kg	400
Acenaphthylene	360	U	ug/kg	360	400	U	ug/kg	400
2,6-Dinitrotoluene	360	U	ug/kg	360	400	U	ug/kg	400
3-Nitroaniline	880	U	ug/kg	880	980	U	ug/kg	980
Acenaphthene	360	U	ug/kg	360	400	U	ug/kg	400
2,4-Dinitrophenol	880	U	ug/kg	880	980	U	ug/kg	980
4-Nitrophenol	880	U	ug/kg	880	980	U	ug/kg	980
Dibenzofuran	360	U	ug/kg	360	400	U	ug/kg	400
2,4-Dinitrotoluene	360	U	ug/kg	360	400	U	ug/kg	400
Diethylphthalate	360	U	ug/kg	360	400	U	ug/kg	400
4-Chlorophenyl-phenylether	360	U	ug/kg	360	400	U	ug/kg	400
Fluorene	360	U	ug/kg	360	400	U	ug/kg	400
4-Nitroaniline	880	U	ug/kg	880	980	U	ug/kg	980
4,6-Dinitro-2-methylphenol	880	U	ug/kg	880	980	U	ug/kg	980
N-Nitrosodiphenylamine (1)	360	U	ug/kg	360	400	U	ug/kg	400
4-Bromophenyl-phenylether	360	U	ug/kg	360	400	U	ug/kg	400
Hexachlorobenzene	360	U	ug/kg	360	400	U	ug/kg	400
Pentachlorophenol	880	U	ug/kg	880	980	U	ug/kg	980
Phenanthrene	360	U	ug/kg	360	400	U	ug/kg	400
Anthracene	360	U	ug/kg	360	400	U	ug/kg	400
Carbazole	360	U	ug/kg	360	400	U	ug/kg	400
Di-n-butylphthalate	310	BJ	ug/kg	360	400	UJ	ug/kg	400
Fluoranthene	360	U	ug/kg	360	400	U	ug/kg	400
Pyrene	360	U	ug/kg	360	400	U	ug/kg	400
Butylbenzylphthalate	360	U	ug/kg	360	400	U	ug/kg	400

08/18/93 WHITING FIELD ANALYTICAL RESULT REPORT 11:13:55
SOIL BORING -- SEMI-VOLATILES -- VALIDATED RESULTS

Lab Sample Number:	34906009				34906008			
Site	WHITING				WHITING			
Locator	17SB8-10-12				17SB8-5-7			
Collect Date:	18-JAN-93				18-JAN-93			
	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL
3,3-Dichlorobenzidine	360	U	ug/kg	360	400	U	ug/kg	400
Benzo (a) anthracene	360	U	ug/kg	360	400	U	ug/kg	400
Chrysene	360	U	ug/kg	360	400	U	ug/kg	400
bis(2-Ethylhexyl) phthalate	360	U	ug/kg	360	400	U	ug/kg	400
Di-n-octylphthalate	360	U	ug/kg	360	400	U	ug/kg	400
Benzo (b) fluoranthene	360	U	ug/kg	360	400	U	ug/kg	400
Benzo (k) fluoranthene	360	U	ug/kg	360	400	U	ug/kg	400
Benzo (a) pyrene	360	U	ug/kg	360	400	U	ug/kg	400
Indeno (1,2,3-cd) pyrene	360	U	ug/kg	360	400	U	ug/kg	400
Dibenz (a,h) anthracene	360	U	ug/kg	360	400	U	ug/kg	400
Benzo (g,h,i) perylene	360	U	ug/kg	360	400	U	ug/kg	400

08/18/93 WHITING FIELD ANALYTICAL RESULT REPORT 11:14:43
SOIL BORING -- SEMI-VOLATILES -- VALIDATED RESULTS

Lab Sample Number:	34815018				34815017			
Site	WHITING				WHITING			
Locator	17SB9-10-12				17SB9-5-7			
Collect Date:	06-JAN-93				06-JAN-93			
	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL
CLP SEMIVOLATILES 90-SOW								
Phenol	380	U	ug/kg	380	390	U	ug/kg	390
bis(2-Chloroethyl) ether	380	U	ug/kg	380	390	U	ug/kg	390
2-Chlorophenol	380	U	ug/kg	380	390	U	ug/kg	390
1,3-Dichlorobenzene	380	U	ug/kg	380	390	U	ug/kg	390
1,4-Dichlorobenzene	380	U	ug/kg	380	390	U	ug/kg	390
1,2-Dichlorobenzene	380	U	ug/kg	380	390	U	ug/kg	390
2-Methylphenol	380	U	ug/kg	380	390	U	ug/kg	390
2,2-oxybis(1-Chloropropane)	380	U	ug/kg	380	390	U	ug/kg	390
4-Methylphenol	380	U	ug/kg	380	390	U	ug/kg	390
N-Nitroso-di-n-propylamine	380	U	ug/kg	380	390	U	ug/kg	390
Hexachloroethane	380	U	ug/kg	380	390	U	ug/kg	390
Nitrobenzene	380	U	ug/kg	380	390	UJ	ug/kg	390
Isophorone	380	U	ug/kg	380	390	UJ	ug/kg	390
2-Nitrophenol	380	U	ug/kg	380	390	U	ug/kg	390
2,4-Dimethylphenol	380	U	ug/kg	380	390	U	ug/kg	390
bis(2-Chloroethoxy) methane	380	U	ug/kg	380	390	U	ug/kg	390
2,4-Dichlorophenol	380	U	ug/kg	380	390	U	ug/kg	390
1,2,4-Trichlorobenzene	380	U	ug/kg	380	390	U	ug/kg	390
Naphthalene	380	U	ug/kg	380	390	U	ug/kg	390
4-Chloroaniline	380	U	ug/kg	380	390	U	ug/kg	390
Hexachlorobutadiene	380	U	ug/kg	380	390	U	ug/kg	390
4-Chloro-3-methylphenol	380	U	ug/kg	380	390	U	ug/kg	390
2-Methylnaphthalene	380	U	ug/kg	380	390	U	ug/kg	390
Hexachlorocyclopentadiene	380	U	ug/kg	380	390	U	ug/kg	390
2,4,6-Trichlorophenol	380	U	ug/kg	380	390	U	ug/kg	390
2,4,5-Trichlorophenol	930	U	ug/kg	930	940	U	ug/kg	940
2-Chloronaphthalene	380	U	ug/kg	380	390	U	ug/kg	390
2-Nitroaniline	930	U	ug/kg	930	940	U	ug/kg	940
Dimethylphthalate	380	U	ug/kg	380	390	U	ug/kg	390
Acenaphthylene	380	U	ug/kg	380	390	U	ug/kg	390
2,6-Dinitrotoluene	380	U	ug/kg	380	390	U	ug/kg	390
3-Nitroaniline	930	U	ug/kg	930	940	U	ug/kg	940
Acenaphthene	380	U	ug/kg	380	390	U	ug/kg	390
2,4-Dinitrophenol	930	U	ug/kg	930	940	U	ug/kg	940
4-Nitrophenol	930	U	ug/kg	930	940	U	ug/kg	940
Dibenzofuran	380	U	ug/kg	380	390	U	ug/kg	390
2,4-Dinitrotoluene	380	U	ug/kg	380	390	U	ug/kg	390
Diethylphthalate	380	U	ug/kg	380	390	U	ug/kg	390
4-Chlorophenyl-phenylether	380	U	ug/kg	380	390	U	ug/kg	390
Fluorene	380	U	ug/kg	380	390	U	ug/kg	390
4-Nitroaniline	930	U	ug/kg	930	940	U	ug/kg	940
4,6-Dinitro-2-methylphenol	930	U	ug/kg	930	940	U	ug/kg	940
N-Nitrosodiphenylamine (1)	380	U	ug/kg	380	390	U	ug/kg	390
4-Bromophenyl-phenylether	380	U	ug/kg	380	390	U	ug/kg	390
Hexachlorobenzene	380	U	ug/kg	380	390	U	ug/kg	390
Pentachlorophenol	930	U	ug/kg	930	940	U	ug/kg	940
Phenanthrene	380	U	ug/kg	380	390	U	ug/kg	390
Anthracene	380	U	ug/kg	380	390	U	ug/kg	390
Carbazole	380	U	ug/kg	380	390	U	ug/kg	390
Di-n-butylphthalate	380	U	ug/kg	380	390	U	ug/kg	390
Fluoranthene	380	U	ug/kg	380	390	U	ug/kg	390
Pyrene	380	U	ug/kg	380	390	U	ug/kg	390
Butylbenzylphthalate	380	U	ug/kg	380	390	UJ	ug/kg	390

Lab Sample Number:	34815018				34815017				
Site	WHITING				WHITING				
Locator	17SB9-10-12				17SB9-5-7				
Collect Date:	06-JAN-93				06-JAN-93				
	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	
3,3-Dichlorobenzidine	380	U	ug/kg	380	390	U	ug/kg	390	
Benzo (a) anthracene	380	U	ug/kg	380	390	U	ug/kg	390	
Chrysene	380	U	ug/kg	380	390	U	ug/kg	390	
bis(2-Ethylhexyl) phthalate	380	U	ug/kg	380	390	UJ	ug/kg	390	
Di-n-octylphthalate	380	U	ug/kg	380	390	UJ	ug/kg	390	
Benzo (b) fluoranthene	380	U	ug/kg	380	390	U	ug/kg	390	
Benzo (k) fluoranthene	380	U	ug/kg	380	390	U	ug/kg	390	
Benzo (a) pyrene	380	U	ug/kg	380	390	U	ug/kg	390	
Indeno (1,2,3-cd) pyrene	380	U	ug/kg	380	390	U	ug/kg	390	
Dibenz (a,h) anthracene	380	U	ug/kg	380	390	U	ug/kg	390	
Benzo (g,h,i) perylene	380	U	ug/kg	380	390	U	ug/kg	390	

08/18/93 WHITING FIELD ANALYTICAL RESULT REPORT 11:15:32
SOIL BORING -- PESTICIDES/PCBS -- VALIDATED RESULTS

Lab Sample Number:	34925004				34925003				
Site	WHITING				WHITING				
Locator	17SB1-15-17				17SB1-5-7				
Collect Date:	19-JAN-93				19-JAN-93				
	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	
CLP PESTICIDES/PCBS 90-SOW									
alpha-BHC	1.9	UJ	ug/kg	1.9	2	UJ	ug/kg	2	
beta-BHC	1.9	UJ	ug/kg	1.9	2	UJ	ug/kg	2	
delta-BHC	1.9	UJ	ug/kg	1.9	2	UJ	ug/kg	2	
gamma-BHC (Lindane)	1.9	UJ	ug/kg	1.9	2	UJ	ug/kg	2	
Heptachlor	1.9	UJ	ug/kg	1.9	2	UJ	ug/kg	2	
Aldrin	1.9	UJ	ug/kg	1.9	2	UJ	ug/kg	2	
Heptachlor epoxide	1.9	UJ	ug/kg	1.9	2	UJ	ug/kg	2	
Endosulfan I	1.9	UJ	ug/kg	1.9	2	UJ	ug/kg	2	
Dieldrin	3.6	UJ	ug/kg	3.6	3.8	UJ	ug/kg	3.8	
4,4-DDE	3.6	UJ	ug/kg	3.6	3.8	UJ	ug/kg	3.8	
Endrin	3.6	UJ	ug/kg	3.6	3.8	UJ	ug/kg	3.8	
Endosulfan II	3.6	UJ	ug/kg	3.6	3.8	UJ	ug/kg	3.8	
4,4-DDD	3.6	UJ	ug/kg	3.6	3.8	UJ	ug/kg	3.8	
Endosulfan sulfate	3.6	UJ	ug/kg	3.6	3.8	UJ	ug/kg	3.8	
4,4-DDT	3.6	UJ	ug/kg	3.6	3.8	UJ	ug/kg	3.8	
Methoxychlor	19	UJ	ug/kg	19	20	UJ	ug/kg	20	
Endrin ketone	3.6	UJ	ug/kg	3.6	3.8	UJ	ug/kg	3.8	
Endrin aldehyde	3.6	UJ	ug/kg	3.6	3.8	UJ	ug/kg	3.8	
alpha-Chlordane	1.9	UJ	ug/kg	1.9	2	UJ	ug/kg	2	
gamma-Chlordane	1.9	UJ	ug/kg	1.9	2	UJ	ug/kg	2	
Toxaphene	190	UJ	ug/kg	190	200	UJ	ug/kg	200	
Aroclor-1016	36	UJ	ug/kg	36	38	UJ	ug/kg	38	
Aroclor-1221	74	UJ	ug/kg	74	77	UJ	ug/kg	77	
Aroclor-1232	36	UJ	ug/kg	36	38	UJ	ug/kg	38	
Aroclor-1242	36	UJ	ug/kg	36	38	UJ	ug/kg	38	
Aroclor-1248	36	UJ	ug/kg	36	38	UJ	ug/kg	38	
Aroclor-1254	36	UJ	ug/kg	36	38	UJ	ug/kg	38	
Aroclor-1260	36	UJ	ug/kg	36	38	UJ	ug/kg	38	

08/18/93 WHITING FIELD ANALYTICAL RESULT REPORT 11:16:04
SOIL BORING -- PESTICIDES/PCBS -- VALIDATED RESULTS

Lab Sample Number:	34925006				34925005				
Site	WHITING				WHITING				
Locator	17SB2-10-12				17SB2-5-7				
Collect Date:	19-JAN-93				19-JAN-93				
	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	
CLP PESTICIDES/PCBS 90-SOW									
alpha-BHC	1.9	UJ	ug/kg	1.9	2	UJ	ug/kg	2	
beta-BHC	1.9	UJ	ug/kg	1.9	2	UJ	ug/kg	2	
delta-BHC	1.9	UJ	ug/kg	1.9	2	UJ	ug/kg	2	
gamma-BHC (Lindane)	1.9	UJ	ug/kg	1.9	2	UJ	ug/kg	2	
Heptachlor	1.9	UJ	ug/kg	1.9	2	UJ	ug/kg	2	
Aldrin	1.9	UJ	ug/kg	1.9	2	UJ	ug/kg	2	
Heptachlor epoxide	1.9	UJ	ug/kg	1.9	2	UJ	ug/kg	2	
Endosulfan I	1.9	UJ	ug/kg	1.9	2	UJ	ug/kg	2	
Dieldrin	3.7	UJ	ug/kg	3.7	3.9	UJ	ug/kg	3.9	
4,4-DDE	3.7	UJ	ug/kg	3.7	3.9	UJ	ug/kg	3.9	
Endrin	3.7	UJ	ug/kg	3.7	3.9	UJ	ug/kg	3.9	
Endosulfan II	3.7	UJ	ug/kg	3.7	3.9	UJ	ug/kg	3.9	
4,4-DDD	3.7	UJ	ug/kg	3.7	3.9	UJ	ug/kg	3.9	
Endosulfan sulfate	3.7	UJ	ug/kg	3.7	3.9	UJ	ug/kg	3.9	
4,4-DDT	3.7	UJ	ug/kg	3.7	3.9	UJ	ug/kg	3.9	
Methoxychlor	19	UJ	ug/kg	19	20	UJ	ug/kg	20	
Endrin ketone	3.7	UJ	ug/kg	3.7	3.9	UJ	ug/kg	3.9	
Endrin aldehyde	3.7	UJ	ug/kg	3.7	3.9	UJ	ug/kg	3.9	
alpha-Chlordane	1.9	UJ	ug/kg	1.9	2	UJ	ug/kg	2	
gamma-Chlordane	1.9	UJ	ug/kg	1.9	2	UJ	ug/kg	2	
Toxaphene	190	UJ	ug/kg	190	200	UJ	ug/kg	200	
Aroclor-1016	37	UJ	ug/kg	37	39	UJ	ug/kg	39	
Aroclor-1221	74	UJ	ug/kg	74	79	UJ	ug/kg	79	
Aroclor-1232	37	UJ	ug/kg	37	39	UJ	ug/kg	39	
Aroclor-1242	37	UJ	ug/kg	37	39	UJ	ug/kg	39	
Aroclor-1248	37	UJ	ug/kg	37	39	UJ	ug/kg	39	
Aroclor-1254	37	UJ	ug/kg	37	39	UJ	ug/kg	39	
Aroclor-1260	37	UJ	ug/kg	37	39	UJ	ug/kg	39	

08/18/93 WHITING FIELD ANALYTICAL RESULT REPORT 11:16:42
SOIL BORING -- PESTICIDES/PCBS -- VALIDATED RESULTS

Lab Sample Number: 34823005
Site: WHITING
Locator: 17SB3-10-12
Collect Date: 07-JAN-93

	VALUE	QUAL	UNITS	DL
CLP PESTICIDES/PCBS 90-SOW				
alpha-BHC	2	UJ	ug/kg	2
beta-BHC	2	UJ	ug/kg	2
delta-BHC	2	UJ	ug/kg	2
gamma-BHC (Lindane)	2	UJ	ug/kg	2
Heptachlor	2	UJ	ug/kg	2
Aldrin	2	UJ	ug/kg	2
Heptachlor epoxide	2	UJ	ug/kg	2
Endosulfan I	2	UJ	ug/kg	2
Dieldrin	3.8	UJ	ug/kg	3.8
4,4-DDE	3.8	UJ	ug/kg	3.8
Endrin	3.8	UJ	ug/kg	3.8
Endosulfan II	3.8	UJ	ug/kg	3.8
4,4-DDD	3.8	UJ	ug/kg	3.8
Endosulfan sulfate	3.8	UJ	ug/kg	3.8
4,4-DDT	3.8	UJ	ug/kg	3.8
Methoxychlor	20	UJ	ug/kg	20
Endrin ketone	3.8	UJ	ug/kg	3.8
Endrin aldehyde	3.8	UJ	ug/kg	3.8
alpha-Chlordane	2	UJ	ug/kg	2
gamma-Chlordane	2	UJ	ug/kg	2
Toxaphene	200	UJ	ug/kg	200
Aroclor-1016	38	UJ	ug/kg	38
Aroclor-1221	77	UJ	ug/kg	77
Aroclor-1232	38	UJ	ug/kg	38
Aroclor-1242	38	UJ	ug/kg	38
Aroclor-1248	38	UJ	ug/kg	38
Aroclor-1254	38	UJ	ug/kg	38
Aroclor-1260	38	UJ	ug/kg	38

08/18/93 WHITING FIELD ANALYTICAL RESULT REPORT 11:17:09
SOIL BORING -- PESTICIDES/PCBS -- VALIDATED RESULTS

Lab Sample Number:	34823004				34823003			
Site	WHITING				WHITING			
Locator	17SB4-10-12				17SB4-5-7			
Collect Date:	07-JAN-93				07-JAN-93			
	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL
CLP PESTICIDES/PCBS 90-SOW								
alpha-BHC	1.9	UJ	ug/kg	1.9	2	UJ	ug/kg	2
beta-BHC	1.9	UJ	ug/kg	1.9	2	UJ	ug/kg	2
delta-BHC	1.9	UJ	ug/kg	1.9	2	UJ	ug/kg	2
gamma-BHC (Lindane)	1.9	UJ	ug/kg	1.9	2	UJ	ug/kg	2
Heptachlor	1.9	UJ	ug/kg	1.9	2	UJ	ug/kg	2
Aldrin	1.9	UJ	ug/kg	1.9	2	UJ	ug/kg	2
Heptachlor epoxide	1.9	UJ	ug/kg	1.9	2	UJ	ug/kg	2
Endosulfan I	1.9	UJ	ug/kg	1.9	2	UJ	ug/kg	2
Dieldrin	3.7	UJ	ug/kg	3.7	3.9	UJ	ug/kg	3.9
4,4-DDE	3.7	UJ	ug/kg	3.7	3.9	UJ	ug/kg	3.9
Endrin	3.7	UJ	ug/kg	3.7	3.9	UJ	ug/kg	3.9
Endosulfan II	3.7	UJ	ug/kg	3.7	3.9	UJ	ug/kg	3.9
4,4-DDD	3.7	UJ	ug/kg	3.7	3.9	UJ	ug/kg	3.9
Endosulfan sulfate	3.7	UJ	ug/kg	3.7	3.9	UJ	ug/kg	3.9
4,4-DDT	3.7	UJ	ug/kg	3.7	3.9	UJ	ug/kg	3.9
Methoxychlor	19	UJ	ug/kg	19	20	UJ	ug/kg	20
Endrin ketone	3.7	UJ	ug/kg	3.7	3.9	UJ	ug/kg	3.9
Endrin aldehyde	3.7	UJ	ug/kg	3.7	3.9	UJ	ug/kg	3.9
alpha-Chlordane	1.9	UJ	ug/kg	1.9	2	UJ	ug/kg	2
gamma-Chlordane	1.9	UJ	ug/kg	1.9	2	UJ	ug/kg	2
Toxaphene	190	UJ	ug/kg	190	200	UJ	ug/kg	200
Aroclor-1016	37	UJ	ug/kg	37	39	UJ	ug/kg	39
Aroclor-1221	75	UJ	ug/kg	75	80	UJ	ug/kg	80
Aroclor-1232	37	UJ	ug/kg	37	39	UJ	ug/kg	39
Aroclor-1242	37	UJ	ug/kg	37	39	UJ	ug/kg	39
Aroclor-1248	37	UJ	ug/kg	37	39	UJ	ug/kg	39
Aroclor-1254	37	UJ	ug/kg	37	39	UJ	ug/kg	39
Aroclor-1260	37	UJ	ug/kg	37	39	UJ	ug/kg	39

08/18/93 WHITING FIELD ANALYTICAL RESULT REPORT 11:17:39
SOIL BORING -- PESTICIDES/PCBS -- VALIDATED RESULTS

Lab Sample Number:	34926001				34926002				34926001MS				34926M01			
Site	WHITING				WHITING				WHITING				WHITING			
Locator	17SB5-5-7				17SB5-5-7A				17SB5-5-7MS				17SB5-5-7MS			
Collect Date:	19-JAN-93				19-JAN-93				19-JAN-93				19-JAN-93			
	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL
CLP PESTICIDES/PCBS 90-SOW																
alpha-BHC	2.1	UJ	ug/kg	2.1	2	UJ	ug/kg	2	-				2.1	U	ug/kg	2.1
beta-BHC	2.1	UJ	ug/kg	2.1	2	UJ	ug/kg	2	-				2.1	U	ug/kg	2.1
delta-BHC	2.1	UJ	ug/kg	2.1	2	UJ	ug/kg	2	-				2.1	U	ug/kg	2.1
gamma-BHC (Lindane)	2.1	UJ	ug/kg	2.1	2	UJ	ug/kg	2	-				13		ug/kg	2.1
Heptachlor	2.1	UJ	ug/kg	2.1	2	UJ	ug/kg	2	-				14		ug/kg	2.1
Aldrin	2.1	UJ	ug/kg	2.1	2	UJ	ug/kg	2	-				15		ug/kg	2.1
Heptachlor epoxide	2.1	UJ	ug/kg	2.1	2	UJ	ug/kg	2	-				2.1	U	ug/kg	2.1
Endosulfan I	2.1	UJ	ug/kg	2.1	2	UJ	ug/kg	2	-				2.1	U	ug/kg	2.1
Dieldrin	4	UJ	ug/kg	4	4	UJ	ug/kg	4	-				29		ug/kg	4
4,4-DDE	4	UJ	ug/kg	4	4	UJ	ug/kg	4	-				4	U	ug/kg	4
Endrin	4	UJ	ug/kg	4	4	UJ	ug/kg	4	-				29		ug/kg	4
Endosulfan II	4	UJ	ug/kg	4	4	UJ	ug/kg	4	-				4	U	ug/kg	4
4,4-DDD	4	UJ	ug/kg	4	4	UJ	ug/kg	4	-				4	U	ug/kg	4
Endosulfan sulfate	4	UJ	ug/kg	4	4	UJ	ug/kg	4	-				4	U	ug/kg	4
4,4-DDT	4	UJ	ug/kg	4	4	UJ	ug/kg	4	-				32		ug/kg	4
Methoxychlor	21	UJ	ug/kg	21	20	UJ	ug/kg	20	-				21	U	ug/kg	21
Endrin ketone	4	UJ	ug/kg	4	4	UJ	ug/kg	4	-				4	U	ug/kg	4
Endrin aldehyde	4	UJ	ug/kg	4	4	UJ	ug/kg	4	-				4	U	ug/kg	4
alpha-Chlordane	2.1	UJ	ug/kg	2.1	2	UJ	ug/kg	2	-				2.1	U	ug/kg	2.1
gamma-Chlordane	2.1	UJ	ug/kg	2.1	2	UJ	ug/kg	2	-				2.1	U	ug/kg	2.1
Toxaphene	210	UJ	ug/kg	210	200	UJ	ug/kg	200	-				210	U	ug/kg	210
Aroclor-1016	40	UJ	ug/kg	40	40	UJ	ug/kg	40	-				40	U	ug/kg	40
Aroclor-1221	82	UJ	ug/kg	82	81	UJ	ug/kg	81	-				82	U	ug/kg	82
Aroclor-1232	40	UJ	ug/kg	40	40	UJ	ug/kg	40	-				40	U	ug/kg	40
Aroclor-1242	40	UJ	ug/kg	40	40	UJ	ug/kg	40	-				40	U	ug/kg	40
Aroclor-1248	40	UJ	ug/kg	40	40	UJ	ug/kg	40	-				40	U	ug/kg	40
Aroclor-1254	40	UJ	ug/kg	40	40	UJ	ug/kg	40	-				40	U	ug/kg	40
Aroclor-1260	40	UJ	ug/kg	40	40	UJ	ug/kg	40	-				40	U	ug/kg	40

08/18/93 WHITING FIELD ANALYTICAL RESULT REPORT 11:17:39
SOIL BORING -- PESTICIDES/PCBS -- VALIDATED RESULTS

Lab Sample Number:	34926001MS				34926D01				34925001				34925002					
Site	WHITING				WHITING				WHITING				WHITING					
Locator	17SB5-5-7MSD				17SB5-5-7MSD				17SB5-10-12				17SB5-20-22					
Collect Date:	19-JAN-93				19-JAN-93				19-JAN-93				19-JAN-93					
	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL		
CLP PESTICIDES/PCBS 90-SOW																		
alpha-BHC	-				2.1	U	ug/kg	2.1	2	UJ	ug/kg	2	1.7	UJ	ug/kg	1.7		
beta-BHC	-				2.1	U	ug/kg	2.1	2	UJ	ug/kg	2	1.7	UJ	ug/kg	1.7		
delta-BHC	-				2.1	U	ug/kg	2.1	2	UJ	ug/kg	2	1.7	UJ	ug/kg	1.7		
gamma-BHC (Lindane)	-				15		ug/kg	2.1	2	UJ	ug/kg	2	1.7	UJ	ug/kg	1.7		
Heptachlor	-				16		ug/kg	2.1	2	UJ	ug/kg	2	1.7	UJ	ug/kg	1.7		
Aldrin	-				16		ug/kg	2.1	2	UJ	ug/kg	2	1.7	UJ	ug/kg	1.7		
Heptachlor epoxide	-				2.1	U	ug/kg	2.1	2	UJ	ug/kg	2	1.7	UJ	ug/kg	1.7		
Endosulfan I	-				2.1	U	ug/kg	2.1	2	UJ	ug/kg	2	1.7	UJ	ug/kg	1.7		
Dieldrin	-				31		ug/kg	4	3.9	UJ	ug/kg	3.9	3.4	UJ	ug/kg	3.4		
4,4-DDE	-				4	U	ug/kg	4	3.9	UJ	ug/kg	3.9	3.4	UJ	ug/kg	3.4		
Endrin	-				32		ug/kg	4	3.9	UJ	ug/kg	3.9	3.4	UJ	ug/kg	3.4		
Endosulfan II	-				4	U	ug/kg	4	3.9	UJ	ug/kg	3.9	3.4	UJ	ug/kg	3.4		
4,4-DDD	-				4	U	ug/kg	4	3.9	UJ	ug/kg	3.9	3.4	UJ	ug/kg	3.4		
Endosulfan sulfate	-				4	U	ug/kg	4	3.9	UJ	ug/kg	3.9	3.4	UJ	ug/kg	3.4		
4,4-DDT	-				34		ug/kg	4	3.9	UJ	ug/kg	3.9	3.4	UJ	ug/kg	3.4		
Methoxychlor	-				21	U	ug/kg	21	20	UJ	ug/kg	20	17	UJ	ug/kg	17		
Endrin ketone	-				4	U	ug/kg	4	3.9	UJ	ug/kg	3.9	3.4	UJ	ug/kg	3.4		
Endrin aldehyde	-				4	U	ug/kg	4	3.9	UJ	ug/kg	3.9	3.4	UJ	ug/kg	3.4		
alpha-Chlordane	-				2.1	U	ug/kg	2.1	2	UJ	ug/kg	2	1.7	UJ	ug/kg	1.7		
gamma-Chlordane	-				2.1	U	ug/kg	2.1	2	UJ	ug/kg	2	1.7	UJ	ug/kg	1.7		
Toxaphene	-				210	U	ug/kg	210	200	UJ	ug/kg	200	170	UJ	ug/kg	170		
Aroclor-1016	-				40	U	ug/kg	40	39	UJ	ug/kg	39	34	UJ	ug/kg	34		
Aroclor-1221	-				82	U	ug/kg	82	79	UJ	ug/kg	79	68	UJ	ug/kg	68		
Aroclor-1232	-				40	U	ug/kg	40	39	UJ	ug/kg	39	34	UJ	ug/kg	34		
Aroclor-1242	-				40	U	ug/kg	40	39	UJ	ug/kg	39	34	UJ	ug/kg	34		
Aroclor-1248	-				40	U	ug/kg	40	39	UJ	ug/kg	39	34	UJ	ug/kg	34		
Aroclor-1254	-				40	U	ug/kg	40	39	UJ	ug/kg	39	34	UJ	ug/kg	34		
Aroclor-1260	-				40	U	ug/kg	40	39	UJ	ug/kg	39	34	UJ	ug/kg	34		

08/18/93 WHITING FIELD ANALYTICAL RESULT REPORT 11:18:40
SOIL BORING -- PESTICIDES/PCBS -- VALIDATED RESULTS

Lab Sample Number:	34823002				34823001				
Site	WHITING				WHITING				
Locator	17SB6-10-12				17SB6-5-7				
Collect Date:	07-JAN-93				07-JAN-93				
	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	
CLP PESTICIDES/PCBS 90-SOW									
alpha-BHC	1.8	UJ	ug/kg	1.8	2.1	UJ	ug/kg	2.1	
beta-BHC	1.8	UJ	ug/kg	1.8	2.1	UJ	ug/kg	2.1	
delta-BHC	1.8	UJ	ug/kg	1.8	2.1	UJ	ug/kg	2.1	
gamma-BHC (Lindane)	1.8	UJ	ug/kg	1.8	2.1	UJ	ug/kg	2.1	
Heptachlor	1.8	UJ	ug/kg	1.8	2.1	UJ	ug/kg	2.1	
Aldrin	1.8	UJ	ug/kg	1.8	2.1	UJ	ug/kg	2.1	
Heptachlor epoxide	1.8	UJ	ug/kg	1.8	2.1	UJ	ug/kg	2.1	
Endosulfan I	1.8	UJ	ug/kg	1.8	2.1	UJ	ug/kg	2.1	
Dieldrin	3.5	UJ	ug/kg	3.5	4	UJ	ug/kg	4	
4,4-DDE	3.5	UJ	ug/kg	3.5	6.5	J	ug/kg	4	
Endrin	3.5	UJ	ug/kg	3.5	4	UJ	ug/kg	4	
Endosulfan II	3.5	UJ	ug/kg	3.5	4	UJ	ug/kg	4	
4,4-DDD	3.5	UJ	ug/kg	3.5	4	UJ	ug/kg	4	
Endosulfan sulfate	3.5	UJ	ug/kg	3.5	4	UJ	ug/kg	4	
4,4-DDT	3.5	UJ	ug/kg	3.5	19		ug/kg	4	
Methoxychlor	18	UJ	ug/kg	18	21	UJ	ug/kg	21	
Endrin ketone	3.5	UJ	ug/kg	3.5	4	UJ	ug/kg	4	
Endrin aldehyde	3.5	UJ	ug/kg	3.5	4	UJ	ug/kg	4	
alpha-Chlordane	1.8	UJ	ug/kg	1.8	2.1	UJ	ug/kg	2.1	
gamma-Chlordane	1.8	UJ	ug/kg	1.8	2.1	UJ	ug/kg	2.1	
Toxaphene	180	UJ	ug/kg	180	210	UJ	ug/kg	210	
Aroclor-1016	35	UJ	ug/kg	35	40	UJ	ug/kg	40	
Aroclor-1221	72	UJ	ug/kg	72	82	UJ	ug/kg	82	
Aroclor-1232	35	UJ	ug/kg	35	40	UJ	ug/kg	40	
Aroclor-1242	35	UJ	ug/kg	35	40	UJ	ug/kg	40	
Aroclor-1248	35	UJ	ug/kg	35	40	UJ	ug/kg	40	
Aroclor-1254	35	UJ	ug/kg	35	40	UJ	ug/kg	40	
Aroclor-1260	35	UJ	ug/kg	35	40	UJ	ug/kg	40	

08/18/93 WHITING FIELD ANALYTICAL RESULT REPORT 11:19:13
SOIL BORING -- PESTICIDES/PCBS -- VALIDATED RESULTS

Lab Sample Number:	34906007				34906006			
Site	WHITING				WHITING			
Locator	17SB7-15-17				17SB7-5-7			
Collect Date:	18-JAN-93				18-JAN-93			
	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL
CLP PESTICIDES/PCBS 90-SOW								
alpha-BHC	1.8	UJ	ug/kg	1.8	2	UJ	ug/kg	2
beta-BHC	1.8	UJ	ug/kg	1.8	2	UJ	ug/kg	2
delta-BHC	1.8	UJ	ug/kg	1.8	2	UJ	ug/kg	2
gamma-BHC (Lindane)	1.8	UJ	ug/kg	1.8	2	UJ	ug/kg	2
Heptachlor	1.8	UJ	ug/kg	1.8	2	UJ	ug/kg	2
Aldrin	1.8	UJ	ug/kg	1.8	2	UJ	ug/kg	2
Heptachlor epoxide	1.8	UJ	ug/kg	1.8	2	UJ	ug/kg	2
Endosulfan I	1.8	UJ	ug/kg	1.8	2	UJ	ug/kg	2
Dieldrin	3.5	UJ	ug/kg	3.5	3.9	UJ	ug/kg	3.9
4,4-DDE	3.5	UJ	ug/kg	3.5	3.9	UJ	ug/kg	3.9
Endrin	3.5	UJ	ug/kg	3.5	3.9	UJ	ug/kg	3.9
Endosulfan II	3.5	UJ	ug/kg	3.5	3.9	UJ	ug/kg	3.9
4,4-DDD	3.5	UJ	ug/kg	3.5	3.9	UJ	ug/kg	3.9
Endosulfan sulfate	3.5	UJ	ug/kg	3.5	3.9	UJ	ug/kg	3.9
4,4-DDT	3.5	UJ	ug/kg	3.5	3.9	UJ	ug/kg	3.9
Methoxychlor	18	UJ	ug/kg	18	20	UJ	ug/kg	20
Endrin ketone	3.5	UJ	ug/kg	3.5	3.9	UJ	ug/kg	3.9
Endrin aldehyde	3.5	UJ	ug/kg	3.5	3.9	UJ	ug/kg	3.9
alpha-Chlordane	1.8	UJ	ug/kg	1.8	2	UJ	ug/kg	2
gamma-Chlordane	1.8	UJ	ug/kg	1.8	2	UJ	ug/kg	2
Toxaphene	180	UJ	ug/kg	180	200	UJ	ug/kg	200
Aroclor-1016	35	UJ	ug/kg	35	39	UJ	ug/kg	39
Aroclor-1221	71	UJ	ug/kg	71	79	UJ	ug/kg	79
Aroclor-1232	35	UJ	ug/kg	35	39	UJ	ug/kg	39
Aroclor-1242	35	UJ	ug/kg	35	39	UJ	ug/kg	39
Aroclor-1248	35	UJ	ug/kg	35	39	UJ	ug/kg	39
Aroclor-1254	35	UJ	ug/kg	35	39	UJ	ug/kg	39
Aroclor-1260	35	UJ	ug/kg	35	39	UJ	ug/kg	39

08/18/93 WHITING FIELD ANALYTICAL RESULT REPORT 11:19:43
SOIL BORING -- PESTICIDES/PCBS -- VALIDATED RESULTS

Lab Sample Number:	34906008				34906008RE				34906009			
Site	WHITING				WHITING				WHITING			
Locator	17SB8-5-7				17SB8-5-7RE				17SB8-10-12			
Collect Date:	18-JAN-93				18-JAN-93				18-JAN-93			
	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL
CLP PESTICIDES/PCBS 90-SOW												
alpha-BHC	2	UJ	ug/kg	2	2	U	ug/kg	2	1.9	UJ	ug/kg	1.9
beta-BHC	2	UJ	ug/kg	2	2	U	ug/kg	2	1.9	UJ	ug/kg	1.9
delta-BHC	2	UJ	ug/kg	2	2	U	ug/kg	2	1.9	UJ	ug/kg	1.9
gamma-BHC (Lindane)	2	UJ	ug/kg	2	2	U	ug/kg	2	1.9	UJ	ug/kg	1.9
Heptachlor	2	UJ	ug/kg	2	2	U	ug/kg	2	1.9	UJ	ug/kg	1.9
Aldrin	2	UJ	ug/kg	2	2	U	ug/kg	2	1.9	UJ	ug/kg	1.9
Heptachlor epoxide	2	UJ	ug/kg	2	2	U	ug/kg	2	1.9	UJ	ug/kg	1.9
Endosulfan I	2	UJ	ug/kg	2	2	U	ug/kg	2	1.9	UJ	ug/kg	1.9
Dieldrin	4	UJ	ug/kg	4	4	U	ug/kg	4	3.6	UJ	ug/kg	3.6
4,4-DDE	4	UJ	ug/kg	4	4	U	ug/kg	4	3.6	UJ	ug/kg	3.6
Endrin	4	UJ	ug/kg	4	4	U	ug/kg	4	3.6	UJ	ug/kg	3.6
Endosulfan II	4	UJ	ug/kg	4	4	U	ug/kg	4	3.6	UJ	ug/kg	3.6
4,4-DDD	4	UJ	ug/kg	4	4	U	ug/kg	4	3.6	UJ	ug/kg	3.6
Endosulfan sulfate	4	UJ	ug/kg	4	4	U	ug/kg	4	3.6	UJ	ug/kg	3.6
4,4-DDT	4	UJ	ug/kg	4	4	U	ug/kg	4	3.6	UJ	ug/kg	3.6
Methoxychlor	20	UJ	ug/kg	20	20	U	ug/kg	20	19	UJ	ug/kg	19
Endrin ketone	4	UJ	ug/kg	4	4	U	ug/kg	4	3.6	UJ	ug/kg	3.6
Endrin aldehyde	4	UJ	ug/kg	4	4	U	ug/kg	4	3.6	UJ	ug/kg	3.6
alpha-Chlordane	2	UJ	ug/kg	2	2	U	ug/kg	2	1.9	UJ	ug/kg	1.9
gamma-Chlordane	2	UJ	ug/kg	2	2	U	ug/kg	2	1.9	UJ	ug/kg	1.9
Toxaphene	200	UJ	ug/kg	200	200	U	ug/kg	200	190	UJ	ug/kg	190
Aroclor-1016	40	UJ	ug/kg	40	40	U	ug/kg	40	36	UJ	ug/kg	36
Aroclor-1221	81	UJ	ug/kg	81	81	U	ug/kg	81	74	UJ	ug/kg	74
Aroclor-1232	40	UJ	ug/kg	40	40	U	ug/kg	40	36	UJ	ug/kg	36
Aroclor-1242	40	UJ	ug/kg	40	40	U	ug/kg	40	36	UJ	ug/kg	36
Aroclor-1248	40	UJ	ug/kg	40	40	U	ug/kg	40	36	UJ	ug/kg	36
Aroclor-1254	40	UJ	ug/kg	40	40	U	ug/kg	40	36	UJ	ug/kg	36
Aroclor-1260	40	UJ	ug/kg	40	40	U	ug/kg	40	36	UJ	ug/kg	36

08/18/93 WHITING FIELD ANALYTICAL RESULT REPORT 11:20:22
SOIL BORING -- PESTICIDES/PCBS -- VALIDATED RESULTS

Lab Sample Number:	34815018				34815017			
Site	WHITING				WHITING			
Locator	17SB9-10-12				17SB9-5-7			
Collect Date:	06-JAN-93				06-JAN-93			
	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL
CLP PESTICIDES/PCBS 90-SOW								
alpha-BHC	2	UJ	ug/kg	2	2	UJ	ug/kg	2
beta-BHC	2	UJ	ug/kg	2	2	UJ	ug/kg	2
delta-BHC	2	UJ	ug/kg	2	2	UJ	ug/kg	2
gamma-BHC (Lindane)	2	UJ	ug/kg	2	2	UJ	ug/kg	2
Heptachlor	2	UJ	ug/kg	2	2	UJ	ug/kg	2
Aldrin	2	UJ	ug/kg	2	2	UJ	ug/kg	2
Heptachlor epoxide	2	UJ	ug/kg	2	2	UJ	ug/kg	2
Endosulfan I	2	UJ	ug/kg	2	2	UJ	ug/kg	2
Dieldrin	3.8	UJ	ug/kg	3.8	3.9	UJ	ug/kg	3.9
4,4-DDE	3.8	UJ	ug/kg	3.8	3.9	UJ	ug/kg	3.9
Endrin	3.8	UJ	ug/kg	3.8	3.9	UJ	ug/kg	3.9
Endosulfan II	3.8	UJ	ug/kg	3.8	3.9	UJ	ug/kg	3.9
4,4-DDD	3.8	UJ	ug/kg	3.8	3.9	UJ	ug/kg	3.9
Endosulfan sulfate	3.8	UJ	ug/kg	3.8	3.9	UJ	ug/kg	3.9
4,4-DDT	3.8	UJ	ug/kg	3.8	3.9	UJ	ug/kg	3.9
Methoxychlor	20	UJ	ug/kg	20	20	UJ	ug/kg	20
Endrin ketone	3.8	UJ	ug/kg	3.8	3.9	UJ	ug/kg	3.9
Endrin aldehyde	3.8	UJ	ug/kg	3.8	3.9	UJ	ug/kg	3.9
alpha-Chlordane	2	UJ	ug/kg	2	2	UJ	ug/kg	2
gamma-Chlordane	2	UJ	ug/kg	2	2	UJ	ug/kg	2
Toxaphene	200	UJ	ug/kg	200	200	UJ	ug/kg	200
Aroclor-1016	38	UJ	ug/kg	38	39	UJ	ug/kg	39
Aroclor-1221	78	UJ	ug/kg	78	79	UJ	ug/kg	79
Aroclor-1232	38	UJ	ug/kg	38	39	UJ	ug/kg	39
Aroclor-1242	38	UJ	ug/kg	38	39	UJ	ug/kg	39
Aroclor-1248	38	UJ	ug/kg	38	39	UJ	ug/kg	39
Aroclor-1254	38	UJ	ug/kg	38	39	UJ	ug/kg	39
Aroclor-1260	38	UJ	ug/kg	38	39	UJ	ug/kg	39

08/01/93 WHITING FIELD ANALYTICAL RESULT REPORT 16:37:38
SOIL BORING -- METALS/CYANIDE - VALIDATED RESULTS

	Lab Sample Number:	34925003				34925003RE				34925004				34925004RE			
	Site	WHITING				WHITING				WHITING				WHITING			
	Locator	17SB1-5-7				17SB1-5-7RE				17SB1-15-17				17SB1-15-17RE			
	Collect Date:	19-JAN-93				19-JAN-93				19-JAN-93				19-JAN-93			
		VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL
CLP METALS AND CYANIDE																	
Aluminum		33200		mg/kg	40	-				24600		mg/kg	40	-			
Antimony		5.6	U	mg/kg	12	-				5.4	U	mg/kg	12	-			
Arsenic		8		mg/kg	2	-				5.5		mg/kg	2	-			
Barium		14.3	J	mg/kg	40	-				5.8	J	mg/kg	40	-			
Beryllium		.28	J	mg/kg	1	-				.15	J	mg/kg	1	-			
Cadmium		.89	U	mg/kg	1	-				.87	U	mg/kg	1	-			
Calcium		87.9	J	mg/kg	1000	-				41.3	J	mg/kg	1000	-			
Chromium		27.9		mg/kg	2	-				15.9		mg/kg	2	-			
Cobalt		.83	J	mg/kg	10	-				.49	U	mg/kg	10	-			
Copper		6.7		mg/kg	5	-				4.3	J	mg/kg	5	-			
Iron		22300		mg/kg	20	-				13200		mg/kg	20	-			
Lead		44.7		mg/kg	1	-				3.4		mg/kg	1	-			
Magnesium		177	J	mg/kg	1000	-				96.4	J	mg/kg	1000	-			
Manganese		40.6		mg/kg	3	-				15.1		mg/kg	3	-			
Mercury		.02	U	mg/kg	.1	-				.02	U	mg/kg	.1	-			
Nickel		4.1	J	mg/kg	8	-				2.8	J	mg/kg	8	-			
Potassium		1180		mg/kg	1000	-				113	U	mg/kg	1000	-			
Selenium		4		mg/kg	1	-				1.5		mg/kg	1	-			
Silver		.71	J	mg/kg	2	-				.53	U	mg/kg	2	-			
Sodium		19.9	J	mg/kg	1000	-				12.2	U	mg/kg	1000	-			
Thallium		5.7	U	mg/kg	2	-				5.6	U	mg/kg	2	-			
Vanadium		57.6		mg/kg	10	-				36.4		mg/kg	10	-			
Zinc		6.8		mg/kg	4	-				3.3	J	mg/kg	4	-			
Cyanide		.51	J	mg/kg	1	-				.52	J	mg/kg	1	-			

U = NOT DETECTED J = ESTIMATED VALUE
UJ = REPORTED QUANTITATION LIMIT IS QUALIFIED AS ESTIMATED
R = RESULT IS REJECTED AND UNUSABLE

08/01/93 WHITING FIELD ANALYTICAL RESULT REPORT 16:38:30
SOIL BORING -- METALS/CYANIDE - VALIDATED RESULTS

Lab Sample Number:	34925006				34925005				
Site	WHITING				WHITING				
Locator	17SB2-10-12				17SB2-5-7				
Collect Date:	19-JAN-93				19-JAN-93				
	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	
CLP METALS AND CYANIDE									
Aluminum	26000		mg/kg	40	55200		mg/kg	40	
Antimony	5.5	U	mg/kg	12	5.8	U	mg/kg	12	
Arsenic	6.2		mg/kg	2	2.2	J	mg/kg	2	
Barium	4.1	J	mg/kg	40	10	J	mg/kg	40	
Beryllium	.21	J	mg/kg	1	.45	J	mg/kg	1	
Cadmium	.88	U	mg/kg	1	.93	U	mg/kg	1	
Calcium	21.8	J	mg/kg	1000	85.9	J	mg/kg	1000	
Chromium	18.8		mg/kg	2	45.4		mg/kg	2	
Cobalt	.5	U	mg/kg	10	.57	J	mg/kg	10	
Copper	5	J	mg/kg	5	9.9		mg/kg	5	
Iron	17800		mg/kg	20	39100		mg/kg	20	
Lead	5.2		mg/kg	1	7.8		mg/kg	1	
Magnesium	79.9	J	mg/kg	1000	186	J	mg/kg	1000	
Manganese	20.1		mg/kg	3	32.4		mg/kg	3	
Mercury	.02	U	mg/kg	.1	.03	J	mg/kg	.1	
Nickel	2.8	U	mg/kg	8	4.2	J	mg/kg	8	
Potassium	114	U	mg/kg	1000	121	U	mg/kg	1000	
Selenium	4.5		mg/kg	1	2.3		mg/kg	1	
Silver	.69	J	mg/kg	2	1.3	J	mg/kg	2	
Sodium	23.5	J	mg/kg	1000	49.7	J	mg/kg	1000	
Thallium	5.7	U	mg/kg	2	6	U	mg/kg	2	
Vanadium	47.3		mg/kg	10	100		mg/kg	10	
Zinc	3.2	J	mg/kg	4	5.8		mg/kg	4	
Cyanide	.52	J	mg/kg	1	.51	J	mg/kg	1	

U = NOT DETECTED J = ESTIMATED VALUE
UJ = REPORTED QUANTITATION LIMIT IS QUALIFIED AS ESTIMATED
R = [illegible]LT IS REJECTED AND UNUSABLE

08/01/93 WHITING FIELD ANALYTICAL RESULT REPORT 16:38:59
SOIL BORING -- METALS/CYANIDE - VALIDATED RESULTS

Lab Sample Number:	34823005
Site	WHITING
Locator	17SB3-10-12
Collect Date:	07-JAN-93

	VALUE	QUAL	UNITS	DL
CLP METALS AND CYANIDE				
Aluminum	5800		mg/kg	40
Antimony	2.8	U	mg/kg	12
Arsenic	2.1	J	mg/kg	2
Barium	2.4	J	mg/kg	40
Beryllium	.11	U	mg/kg	1
Cadmium	.28	U	mg/kg	1
Calcium	79.7	J	mg/kg	1000
Chromium	9.3		mg/kg	2
Cobalt	1.3	U	mg/kg	10
Copper	2.6	J	mg/kg	5
Iron	10400		mg/kg	20
Lead	2.9		mg/kg	1
Magnesium	33.6	J	mg/kg	1000
Manganese	12.4		mg/kg	3
Mercury	.03	U	mg/kg	.1
Nickel	1.8	U	mg/kg	8
Potassium	96.9	J	mg/kg	1000
Selenium	.11	U	mg/kg	1
Silver	.48	U	mg/kg	2
Sodium	184	J	mg/kg	1000
Thallium	.16	U	mg/kg	2
Vanadium	27.7		mg/kg	10
Zinc	4.3	J	mg/kg	4
Cyanide	.17	U	mg/kg	1

U = NOT DETECTED J = ESTIMATED VALUE
UJ = REPORTED QUANTITATION LIMIT IS QUALIFIED AS ESTIMATED
R = RESULT IS REJECTED AND UNUSABLE

08/01/93 WHITING FIELD ANALYTICAL RESULT REPORT 16:39:24
SOIL BORING -- METALS/CYANIDE - VALIDATED RESULTS

Lab Sample Number:	34823004				34823003			
Site	WHITING				WHITING			
Locator	17SB4-10-12				17SB4-5-7			
Collect Date:	07-JAN-93				07-JAN-93			
	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL
CLP METALS AND CYANIDE								
Aluminum	4550		mg/kg	40	10000		mg/kg	40
Antimony	2.7	U	mg/kg	12	2.9	U	mg/kg	12
Arsenic	1.3	J	mg/kg	2	.5	J	mg/kg	2
Barium	2.5	J	mg/kg	40	4.8	J	mg/kg	40
Beryllium	.11	U	mg/kg	1	.12	U	mg/kg	1
Cadmium	.27	U	mg/kg	1	.75	J	mg/kg	1
Calcium	80.8	J	mg/kg	1000	156	J	mg/kg	1000
Chromium	10.3		mg/kg	2	26.3		mg/kg	2
Cobalt	1.3	U	mg/kg	10	1.4	U	mg/kg	10
Copper	3.2	J	mg/kg	5	6.3		mg/kg	5
Iron	11900		mg/kg	20	29300		mg/kg	20
Lead	2.8		mg/kg	1	2.6		mg/kg	1
Magnesium	37.6	J	mg/kg	1000	84.8	J	mg/kg	1000
Manganese	13.1		mg/kg	3	27.9		mg/kg	3
Mercury	.03	J	mg/kg	.1	.03	U	mg/kg	.1
Nickel	1.7	U	mg/kg	8	1.8	U	mg/kg	8
Potassium	42.7	U	mg/kg	1000	53.6	J	mg/kg	1000
Selenium	.11	U	mg/kg	1	.12	U	mg/kg	1
Silver	.47	U	mg/kg	2	.5	U	mg/kg	2
Sodium	204	J	mg/kg	1000	207	J	mg/kg	1000
Thallium	.16	U	mg/kg	2	.17	U	mg/kg	2
Vanadium	31.2		mg/kg	10	74		mg/kg	10
Zinc	4.8		mg/kg	4	8.9		mg/kg	4
Cyanide	.17	U	mg/kg	1	.18	U	mg/kg	1

U = NOT DETECTED J = ESTIMATED VALUE
UJ = [illegible]PORTED QUANTITATION LIMIT IS QUALIFIED AS ESTIMATED
R = [illegible]LT IS REJECTED AND UNUSABLE

08/01/93 WHITING FIELD ANALYTICAL RESULT REPORT 16:39:52
SOIL BORING -- METALS/CYANIDE - VALIDATED RESULTS

Lab Sample Number:	34926002				34926001MS				34926M01				34926001MS			
Site	WHITING				WHITING				WHITING				WHITING			
Locator	17SB5-5-7A				17SB5-5-7MS				17SB5-5-7MS				17SB5-5-7MSD			
Collect Date:	19-JAN-93				19-JAN-93				19-JAN-93				19-JAN-93			
	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL
CLP METALS AND CYANIDE																
Aluminum	21100	J	mg/kg	40	-				-				-			
Antimony	5.9	R	mg/kg	12	-				-				-			
Arsenic	3.3		mg/kg	2	-				-				-			
Barium	8.3	J	mg/kg	40	-				-				-			
Beryllium	.37	UJ	mg/kg	1	-				-				-			
Cadmium	.95	UJ	mg/kg	1	-				-				-			
Calcium	31.8	UJ	mg/kg	1000	-				-				-			
Chromium	35.1	J	mg/kg	2	-				-				-			
Cobalt	1	J	mg/kg	10	-				-				-			
Copper	7.9	J	mg/kg	5	-				-				-			
Iron	43400		mg/kg	20	-				-				-			
Lead	6.8	J	mg/kg	1	-				-				-			
Magnesium	64.5	UJ	mg/kg	1000	-				-				-			
Manganese	30		mg/kg	3	-				-				-			
Mercury	.02	J	mg/kg	.1	-				-				-			
Nickel	3	UJ	mg/kg	3	-				-				-			
Potassium	345	J	mg/kg	1000	-				-				-			
Selenium	.87	J	mg/kg	1	-				-				-			
Silver	1.9	J	mg/kg	2	-				-				-			
Sodium	33.4	UJ	mg/kg	1000	-				-				-			
Thallium	6.1	R	mg/kg	2	-				-				-			
Vanadium	91.8	J	mg/kg	10	-				-				-			
Zinc	5.3	J	mg/kg	4	-				-				-			
Cyanide	.6	UJ	mg/kg	1	-				-				-			

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08/01/93 WHITING FIELD ANALYTICAL RESULT REPORT 16:39:52
SOIL BORING -- METALS/CYANIDE - VALIDATED RESULTS

Lab Sample Number:		34926D01				34925001				34926001				34925002		
Site		WHITING				WHITING				WHITING				WHITING		
Locator		17SB5-5-7MSD				17SB5-10-12				17SB5-5-7				17SB5-20-22		
Collect Date:		19-JAN-93				19-JAN-93				19-JAN-93				19-JAN-93		
	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL
CLP METALS AND CYANIDE																
Aluminum		-			7650		mg/kg	40	3940	J	mg/kg	40	1180		mg/kg	40
Antimony		-			5.8	U	mg/kg	12	5.9	R	mg/kg	12	5	U	mg/kg	12
Arsenic		-			2.2	J	mg/kg	2	2.1	J	mg/kg	2	.43	J	mg/kg	2
Barium		-			3.8	J	mg/kg	40	5.3	J	mg/kg	40	.32	J	mg/kg	40
Beryllium		-			.13	J	mg/kg	1	.27	UJ	mg/kg	1	.06	U	mg/kg	1
Cadmium		-			.93	U	mg/kg	1	.95	UJ	mg/kg	1	.81	U	mg/kg	1
Calcium		-			159	J	mg/kg	1000	24.1	UJ	mg/kg	1000	7.6	J	mg/kg	1000
Chromium		-			10.6		mg/kg	2	23.7	J	mg/kg	2	1.2	J	mg/kg	2
Cobalt		-			.53	U	mg/kg	10	.54	UJ	mg/kg	10	.46	U	mg/kg	10
Copper		-			7.8		mg/kg	5	4.3	J	mg/kg	5	.34	U	mg/kg	5
Iron		-			12400		mg/kg	20	25500		mg/kg	20	742		mg/kg	20
Lead		-			3.5		mg/kg	1	4.4	J	mg/kg	1	.18	J	mg/kg	1
Magnesium		-			111	J	mg/kg	1000	22.4	UJ	mg/kg	1000	7.3	U	mg/kg	1000
Manganese		-			42.6		mg/kg	3	15.6		mg/kg	3	1.5	J	mg/kg	3
Mercury		-			.02	U	mg/kg	.1	.03	J	mg/kg	.1	.02	U	mg/kg	.1
Nickel		-			2.9	U	mg/kg	8	3	UJ	mg/kg	8	2.5	U	mg/kg	8
Potassium		-			121	U	mg/kg	1000	222	J	mg/kg	1000	105	U	mg/kg	1000
Selenium		-			1.1	J	mg/kg	1	.59	J	mg/kg	1	.44	U	mg/kg	1
Silver		-			.78	J	mg/kg	2	.86	J	mg/kg	2	.49	U	mg/kg	2
Sodium		-			13.1	U	mg/kg	1000	30.2	J	mg/kg	1000	11.4	U	mg/kg	1000
Thallium		-			.6	U	mg/kg	2	.61	R	mg/kg	2	.52	U	mg/kg	2
Vanadium		-			37.8		mg/kg	10	68	J	mg/kg	10	1.6	J	mg/kg	10
Zinc		-			1.9	J	mg/kg	4	2.9	UJ	mg/kg	4	.52	J	mg/kg	4
Cyanide		-			.51	J	mg/kg	1	.62	UJ	mg/kg	1	.46	J	mg/kg	1

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08/01/93 WHITING FIELD ANALYTICAL RESULT REPORT 16:39:52
SOIL BORING -- METALS/CYANIDE - VALIDATED RESULTS

Lab Sample Number:	34925002RE
Site	WHITING
Locator	17SB5-20-22RE
Collect Date:	19-JAN-93

	VALUE	QUAL	UNITS	DL
CLP METALS AND CYANIDE				
Aluminum	-			
Antimony	-			
Arsenic	-			
Barium	-			
Beryllium	-			
Cadmium	-			
Calcium	-			
Chromium	-			
Cobalt	-			
Copper	-			
Iron	-			
Lead	-			
Magnesium	-			
Manganese	-			
Mercury	-			
Nickel	-			
Potassium	-			
Selenium	-			
Silver	-			
Sodium	-			
Thallium	-			
Vanadium	-			
Zinc	-			
Cyanide	-			

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08/01/93 WHITING FIELD ANALYTICAL RESULT REPORT 16:40:58
SOIL BORING -- METALS/CYANIDE - VALIDATED RESULTS

Lab Sample Number:	34823002				34823001				
Site	WHITING				WHITING				
Locator	17SB6-10-12				17SB6-5-7				
Collect Date:	07-JAN-93				07-JAN-93				
	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	
CLP METALS AND CYANIDE									
Aluminum	3730		mg/kg	40	9250		mg/kg	40	
Antimony	2.6	U	mg/kg	12	3	U	mg/kg	12	
Arsenic	.68	J	mg/kg	2	.71	J	mg/kg	2	
Barium	1.5	J	mg/kg	40	3.9	J	mg/kg	40	
Beryllium	.11	U	mg/kg	1	.12	U	mg/kg	1	
Cadmium	.26	U	mg/kg	1	2.5		mg/kg	1	
Calcium	64.9	J	mg/kg	1000	147	J	mg/kg	1000	
Chromium	4.8		mg/kg	2	50.5		mg/kg	2	
Cobalt	1.2	U	mg/kg	10	1.6	J	mg/kg	10	
Copper	3.7	J	mg/kg	5	22.7		mg/kg	5	
Iron	6240		mg/kg	20	89800		mg/kg	20	
Lead	.92		mg/kg	1	8.3		mg/kg	1	
Magnesium	18.3	J	mg/kg	1000	45.5	J	mg/kg	1000	
Manganese	78.2		mg/kg	3	226		mg/kg	3	
Mercury	.03	U	mg/kg	.1	.04	J	mg/kg	.1	
Nickel	1.6	U	mg/kg	8	3.1	J	mg/kg	8	
Potassium	40.9	U	mg/kg	1000	437	J	mg/kg	1000	
Selenium	.11	U	mg/kg	1	.12	U	mg/kg	1	
Silver	.45	U	mg/kg	2	1.3	J	mg/kg	2	
Sodium	168	J	mg/kg	1000	185	J	mg/kg	1000	
Thallium	.15	U	mg/kg	2	.17	U	mg/kg	2	
Vanadium	15.7		mg/kg	10	105		mg/kg	10	
Zinc	2.9	J	mg/kg	4	18.9		mg/kg	4	
Cyanide	.16	U	mg/kg	1	.18	U	mg/kg	1	

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08/01/93 WHITING FIELD ANALYTICAL RESULT REPORT 16:41:27
SOIL BORING -- METALS/CYANIDE - VALIDATED RESULTS

Lab Sample Number:	34906007				34906006				
Site	WHITING				WHITING				
Locator	17SB7-15-17				17SB7-5-7				
Collect Date:	18-JAN-93				18-JAN-93				
	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	
CLP METALS AND CYANIDE									
Aluminum	1540		mg/kg	40	45000		mg/kg	40	
Antimony	5.1	U	mg/kg	12	8	J	mg/kg	12	
Arsenic	1.1	J	mg/kg	2	2.4	J	mg/kg	2	
Barium	.1	UJ	mg/kg	40	7.2	J	mg/kg	40	
Beryllium	.06	U	mg/kg	1	.07	U	mg/kg	1	
Cadmium	.82	U	mg/kg	1	.99	U	mg/kg	1	
Calcium	14.2	J	mg/kg	1000	16.9	J	mg/kg	1000	
Chromium	2.3		mg/kg	2	45.8		mg/kg	2	
Cobalt	.47	U	mg/kg	10	4.2	J	mg/kg	10	
Copper	1.1	J	mg/kg	5	1.4	J	mg/kg	5	
Iron	1330		mg/kg	20	50700		mg/kg	20	
Lead	.8	J	mg/kg	1	6.9		mg/kg	1	
Magnesium	9.4	J	mg/kg	1000	115	J	mg/kg	1000	
Manganese	7		mg/kg	3	76.9		mg/kg	3	
Mercury	.02	U	mg/kg	.1	.02	U	mg/kg	.1	
Nickel	2.6	U	mg/kg	8	3.1	J	mg/kg	8	
Potassium	106	U	mg/kg	1000	319	J	mg/kg	1000	
Selenium	.91	J	mg/kg	1	.64	J	mg/kg	1	
Silver	.5	UJ	mg/kg	2	1	J	mg/kg	2	
Sodium	11.5	U	mg/kg	1000	13.9	U	mg/kg	1000	
Thallium	5.3	U	mg/kg	2	6.4	U	mg/kg	2	
Vanadium	3.1	J	mg/kg	10	99.3		mg/kg	10	
Zinc	.81	J	mg/kg	4	1.6	J	mg/kg	4	
Cyanide	.43	J	mg/kg	1	.66	J	mg/kg	1	

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08/01/93 WHITING FIELD ANALYTICAL RESULT REPORT 16:41:54
SOIL BORING -- METALS/CYANIDE - VALIDATED RESULTS

Lab Sample Number:	34906008RE				34906009				34906008		
Site	WHITING				WHITING				WHITING		
Locator	17SB8-5-7RE				17SB8-10-12				17SB8-5-7		
Collect Date:	18-JAN-93				18-JAN-93				18-JAN-93		
	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL
CLP METALS AND CYANIDE												
Aluminum	-				19000		mg/kg	40	53300		mg/kg	40
Antimony	-				5.4	U	mg/kg	12	6	U	mg/kg	12
Arsenic	-				3.1	J	mg/kg	2	6.4		mg/kg	2
Barium	-				3.8	J	mg/kg	40	10.5	J	mg/kg	40
Beryllium	-				.06	U	mg/kg	1	.07	U	mg/kg	1
Cadmium	-				.87	U	mg/kg	1	.95	U	mg/kg	1
Calcium	-				7.2	U	mg/kg	1000	7.9	U	mg/kg	1000
Chromium	-				12.8		mg/kg	2	46.1		mg/kg	2
Cobalt	-				.64	J	mg/kg	10	4.4	J	mg/kg	10
Copper	-				2.3	J	mg/kg	5	5.4	J	mg/kg	5
Iron	-				10500		mg/kg	20	48400		mg/kg	20
Lead	-				2.7		mg/kg	1	8.5		mg/kg	1
Magnesium	-				64.7	J	mg/kg	1000	187	J	mg/kg	1000
Manganese	-				28.7		mg/kg	3	41.5		mg/kg	3
Mercury	-				.02	U	mg/kg	.1	.02	U	mg/kg	.1
Nickel	-				3.9	J	mg/kg	8	6.9	J	mg/kg	8
Potassium	-				112	U	mg/kg	1000	736	J	mg/kg	1000
Selenium	-				.61	J	mg/kg	1	3.4		mg/kg	1
Silver	-				.53	U	mg/kg	2	1.4	J	mg/kg	2
Sodium	-				12.2	U	mg/kg	1000	16.4	J	mg/kg	1000
Thallium	-				.56	U	mg/kg	2	6.1	U	mg/kg	2
Vanadium	-				27.8		mg/kg	10	95.7		mg/kg	10
Zinc	-				1.7	J	mg/kg	4	3.3	J	mg/kg	4
Cyanide	-				.46	J	mg/kg	1	.45	J	mg/kg	1

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UJ = [illegible]ORTED QUANTITATION LIMIT IS QUALIFIED AS ESTIMATED
R = [illegible]LT IS REJECTED AND UNUSABLE

08/01/93 WHITING FIELD ANALYTICAL RESULT REPORT 16:42:29
SOIL BORING -- METALS/CYANIDE - VALIDATED RESULTS

Lab Sample Number:	34815018				34815017			
Site	WHITING				WHITING			
Locator	17SB9-10-12				17SB9-5-7			
Collect Date:	06-JAN-93				06-JAN-93			
	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL
CLP METALS AND CYANIDE								
Aluminum	6220		mg/kg	40	7800		mg/kg	40
Antimony	5.8	U	mg/kg	12	7	J	mg/kg	12
Arsenic	1.8	J	mg/kg	2	3		mg/kg	2
Barium	3.6	J	mg/kg	40	3	J	mg/kg	40
Beryllium	.06	U	mg/kg	1	.06	U	mg/kg	1
Cadmium	.92	U	mg/kg	1	.93	U	mg/kg	1
Calcium	7.7	U	mg/kg	1000	7.7	U	mg/kg	1000
Chromium	19.9		mg/kg	2	24.3		mg/kg	2
Cobalt	.92	J	mg/kg	10	2.1	J	mg/kg	10
Copper	.39	U	mg/kg	5	.39	U	mg/kg	5
Iron	22200		mg/kg	20	31600		mg/kg	20
Lead	5.4		mg/kg	1	8		mg/kg	1
Magnesium	27.1	J	mg/kg	1000	30.7	J	mg/kg	1000
Manganese	15		mg/kg	3	24.4		mg/kg	3
Mercury	.03	J	mg/kg	.1	.02	J	mg/kg	.1
Nickel	2.9	U	mg/kg	8	2.9	U	mg/kg	8
Potassium	120	U	mg/kg	1000	121	U	mg/kg	1000
Selenium	.5	U	mg/kg	1	.65	J	mg/kg	1
Silver	.81	J	mg/kg	2	1.2	J	mg/kg	2
Sodium	13	U	mg/kg	1000	13.1	U	mg/kg	1000
Thallium	5.9	U	mg/kg	2	6	U	mg/kg	2
Vanadium	60.5		mg/kg	10	82		mg/kg	10
Zinc	.37	U	mg/kg	4	.37	U	mg/kg	4
Cyanide	.48	J	mg/kg	1	.53	J	mg/kg	1

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WHITING FIELD - SITE 17- TPH
SOIL BORINGS - VALIDATED ANALYTICAL RESULTS

Lab Sample Number:	34925003			34925004			34925005			34925006		
Locator	17SB1-5-7			17SB1-15-17			17SB2-5-7			17SB2-10-12		
Collect Date:	19-JAN-93			19-JAN-93			19-JAN-93			19-JAN-93		
	VALUE	QUAL UNITS	DL	VALUE	QUAL UNITS	DL	VALUE	QUAL UNITS	DL	VALUE	QUAL UNITS	DL
TOTAL PETROLEUM HYDROCARBON												
Total petroleum hydrocarbon	66.2	mg/kg		1.8 U	mg/kg	1.8	5.5	mg/kg		2.5	mg/kg	

WHITING FIELD - SITE 17- TPH
SOIL BORINGS - VALIDATED ANALYTICAL RESULTS

Lab Sample Number:	34823005			34823003			34823004			34926001		
Locator	17SB3-10-12			17SB4-5-7			17SB4-10-12			17SB5-5-7		
Collect Date:	07-JAN-93			07-JAN-93			07-JAN-93			19-JAN-93		
	VALUE	QUAL UNITS	DL	VALUE	QUAL UNITS	DL	VALUE	QUAL UNITS	DL	VALUE	QUAL UNITS	DL
TOTAL PETROLEUM HYDROCARBON												
Total petroleum hydrocarbon	4.6	UJ mg/kg		2.2	U mg/kg	2.2	1.8	U mg/kg	1.8	4.3	UJ mg/kg	

WHITING FIELD - SITE 17- TPH
SOIL BORINGS - VALIDATED ANALYTICAL RESULTS

Lab Sample Number: 34926002
Locator 17SB5-5-7A
Collect Date: 19-JAN-93

	VALUE	QUAL	UNITS	DL
TOTAL PETROLEUM HYDROCARBON				
Total petroleum hydrocarbon	2.8	UJ	mg/kg	

WHITING FIELD - SITE 17- TPH
SOIL BORINGS - VALIDATED ANALYTICAL RESULTS

Lab Sample Number:	34925001			34925002			34823001			34823002		
Locator	17SB5-10-12			17SB5-20-22			17SB6-5-7			17SB6-10-12		
Collect Date:	19-JAN-93			19-JAN-93			07-JAN-93			07-JAN-93		
	VALUE	QUAL UNITS	DL	VALUE	QUAL UNITS	DL	VALUE	QUAL UNITS	DL	VALUE	QUAL UNITS	DL
TOTAL PETROLEUM HYDROCARBON												
Total petroleum hydrocarbon	1.9 U	mg/kg	1.9	1.7 U	mg/kg	1.7	2.9 UJ	mg/kg		1.7 U	mg/kg	1.7

WHITING FIELD - SITE 17- TPH
SOIL BORINGS - VALIDATED ANALYTICAL RESULTS

Lab Sample Number:	34906006			34906007			34906008			34906009		
Locator	17SB7-5-7			17SB7-15-17			17SB8-5-7			17SB8-10-12		
Collect Date:	18-JAN-93			18-JAN-93			18-JAN-93			18-JAN-93		
	VALUE	QUAL UNITS	DL	VALUE	QUAL UNITS	DL	VALUE	QUAL UNITS	DL	VALUE	QUAL UNITS	DL
TOTAL PETROLEUM HYDROCARBON												
Total petroleum hydrocarbon	1.9 U	mg/kg	1.9	1.8 U	mg/kg	1.8	2.1 U	mg/kg	2.1	1.8 U	mg/kg	1.8

WHITING FIELD - SITE 17- TPH
SOIL BORINGS - VALIDATED ANALYTICAL RESULTS

Lab Sample Number:		34815017				34815018		
Locator		17SB9-5-7				17SB9-10-12		
Collect Date:		06-JAN-93				06-JAN-93		
	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL
TOTAL PETROLEUM HYDROCARBON								
Total petroleum hydrocarbon	1.9	U	mg/kg	1.9	3.1		mg/kg	

SITE 18

WHITING FIELD ANAL..ICAL RESULT REPORT
VOLITILES ----- VALIDATED RESULTS

Lab Sample Number:	34807015				34807016				34807017				34807018			
Site	WHITING				WHITING				WHITING				WHITING			
Locator	18SB1-5-7				18SB1-10-12				18SB2-5-7				18SB2-10-12			
Collect Date:	05-JAN-93				05-JAN-93				05-JAN-93				05-JAN-93			
	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL
CLP VOLATILES 90-SOW																
Chloromethane	11	U	ug/kg	11	12	U	ug/kg	12	10	U	ug/kg	10	1300	UJ	ug/kg	1300
Bromomethane	11	U	ug/kg	11	12	U	ug/kg	12	10	U	ug/kg	10	1300	U	ug/kg	1300
Vinyl chloride	11	U	ug/kg	11	12	U	ug/kg	12	10	U	ug/kg	10	1300	U	ug/kg	1300
Chloroethane	11	U	ug/kg	11	12	U	ug/kg	12	10	U	ug/kg	10	1300	U	ug/kg	1300
Methylene chloride	11	U	ug/kg	11	12	U	ug/kg	12	10	U	ug/kg	10	1300	U	ug/kg	1300
Acetone	58		ug/kg	11	26		ug/kg	12	24		ug/kg	10	1300	UJ	ug/kg	1300
Carbon disulfide	11	U	ug/kg	11	12	U	ug/kg	12	10	U	ug/kg	10	1300	U	ug/kg	1300
1,1-Dichloroethene	11	U	ug/kg	11	12	U	ug/kg	12	10	U	ug/kg	10	1300	U	ug/kg	1300
1,1-Dichloroethane	11	U	ug/kg	11	12	U	ug/kg	12	10	U	ug/kg	10	1300	U	ug/kg	1300
1,2-Dichloroethene (total)	11	U	ug/kg	11	12	U	ug/kg	12	10	U	ug/kg	10	1300	U	ug/kg	1300
Chloroform	11	U	ug/kg	11	12	U	ug/kg	12	10	U	ug/kg	10	1300	U	ug/kg	1300
1,2-Dichloroethane	11	UJ	ug/kg	11	12	UJ	ug/kg	12	10	U	ug/kg	10	1300	U	ug/kg	1300
2-Butanone	11	UJ	ug/kg	11	12	UJ	ug/kg	12	10	U	ug/kg	10	1300	U	ug/kg	1300
1,1,1-Trichloroethane	11	U	ug/kg	11	12	U	ug/kg	12	10	U	ug/kg	10	1300	U	ug/kg	1300
Carbon tetrachloride	11	U	ug/kg	11	12	U	ug/kg	12	10	U	ug/kg	10	1300	U	ug/kg	1300
Bromodichloromethane	11	U	ug/kg	11	12	U	ug/kg	12	10	U	ug/kg	10	1300	U	ug/kg	1300
1,2-Dichloropropane	11	U	ug/kg	11	12	U	ug/kg	12	10	U	ug/kg	10	1300	U	ug/kg	1300
cis-1,3-Dichloropropene	11	U	ug/kg	11	12	U	ug/kg	12	10	U	ug/kg	10	1300	U	ug/kg	1300
Trichloroethene	11	U	ug/kg	11	12	U	ug/kg	12	10	U	ug/kg	10	1300	U	ug/kg	1300
Dibromochloromethane	11	U	ug/kg	11	12	U	ug/kg	12	10	U	ug/kg	10	1300	U	ug/kg	1300
1,1,2-Trichloroethane	11	U	ug/kg	11	12	U	ug/kg	12	10	U	ug/kg	10	1300	U	ug/kg	1300
Benzene	11	U	ug/kg	11	12	U	ug/kg	12	10	U	ug/kg	10	1300	U	ug/kg	1300
trans-1,3-Dichloropropene	11	U	ug/kg	11	12	U	ug/kg	12	10	U	ug/kg	10	1300	U	ug/kg	1300
Bromoform	11	U	ug/kg	11	12	U	ug/kg	12	10	U	ug/kg	10	1300	U	ug/kg	1300
4-Methyl-2-pentanone	11	UJ	ug/kg	11	12	UJ	ug/kg	12	10	U	ug/kg	10	1300	U	ug/kg	1300
2-Hexanone	11	UJ	ug/kg	11	12	UJ	ug/kg	12	10	U	ug/kg	10	1300	U	ug/kg	1300
Tetrachloroethene	11	U	ug/kg	11	12	U	ug/kg	12	10	U	ug/kg	10	1300	U	ug/kg	1300
Toluene	11	U	ug/kg	11	12	U	ug/kg	12	10	U	ug/kg	10	1300	U	ug/kg	1300
1,1,2,2-Tetrachloroethane	11	U	ug/kg	11	12	U	ug/kg	12	10	U	ug/kg	10	1300	U	ug/kg	1300
Chlorobenzene	11	U	ug/kg	11	12	U	ug/kg	12	10	U	ug/kg	10	1300	U	ug/kg	1300
Ethylbenzene	11	U	ug/kg	11	12	U	ug/kg	12	10	U	ug/kg	10	1300	U	ug/kg	1300
Styrene	11	U	ug/kg	11	12	U	ug/kg	12	10	U	ug/kg	10	1300	U	ug/kg	1300
Xylenes (total)	11	U	ug/kg	11	12	U	ug/kg	12	10	U	ug/kg	10	1300	U	ug/kg	1300

U = NOT DETECTED J = ESTIMATED VALUE
UJ= REPORTED QUANTITATION LIMIT IS QUALIFIED AS ESTIMATED
R = RESULT IS REJECTED AND UNUSABLE

WHITING FIELD ANAL..ICAL RESULT REPORT
VOLITILES ----- VALIDATED RESULTS

Lab Sample Number:	34807019				34807020				34815001				34815001MS			
Site	WHITING				WHITING				WHITING				WHITING			
Locator	18SB2-15-17				18SB2-20-22				18SB4-5-7				18SB4-5-7MS			
Collect Date:	05-JAN-93				05-JAN-93				06-JAN-93				06-JAN-93			
	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL
CLP VOLATILES 90-SOW																
Chloromethane	6600	UJ	ug/kg	6600	11	U	ug/kg	11	1300	UJ	ug/kg	1300	1300	U	ug/kg	1300
Bromomethane	6600	U	ug/kg	6600	11	U	ug/kg	11	1300	U	ug/kg	1300	1300	U	ug/kg	1300
Vinyl chloride	6600	U	ug/kg	6600	11	U	ug/kg	11	1300	U	ug/kg	1300	1300	U	ug/kg	1300
Chloroethane	6600	U	ug/kg	6600	11	U	ug/kg	11	1300	U	ug/kg	1300	1300	U	ug/kg	1300
Methylene chloride	6600	U	ug/kg	6600	11	U	ug/kg	11	1300	U	ug/kg	1300	1300	U	ug/kg	1300
Acetone	6600	UJ	ug/kg	6600	77		ug/kg	11	1300	UJ	ug/kg	1300	1300	U	ug/kg	1300
Carbon disulfide	6600	U	ug/kg	6600	11	U	ug/kg	11	1300	U	ug/kg	1300	1300	U	ug/kg	1300
1,1-Dichloroethene	6600	U	ug/kg	6600	11	U	ug/kg	11	1300	U	ug/kg	1300	5700		ug/kg	1300
1,1-Dichloroethane	6600	U	ug/kg	6600	11	U	ug/kg	11	1300	U	ug/kg	1300	1300	U	ug/kg	1300
1,2-Dichloroethene (total)	6600	U	ug/kg	6600	11	U	ug/kg	11	1300	U	ug/kg	1300	1300	U	ug/kg	1300
Chloroform	6600	U	ug/kg	6600	11	U	ug/kg	11	1300	U	ug/kg	1300	1300	U	ug/kg	1300
1,2-Dichloroethane	6600	U	ug/kg	6600	11	U	ug/kg	11	1300	U	ug/kg	1300	1300	U	ug/kg	1300
2-Butanone	6600	UJ	ug/kg	6600	11	U	ug/kg	11	1300	UJ	ug/kg	1300	1300	U	ug/kg	1300
1,1,1-Trichloroethane	6600	U	ug/kg	6600	11	U	ug/kg	11	1300	U	ug/kg	1300	1300	U	ug/kg	1300
Carbon tetrachloride	6600	U	ug/kg	6600	11	U	ug/kg	11	1300	U	ug/kg	1300	1300	U	ug/kg	1300
Bromodichloromethane	6600	U	ug/kg	6600	11	U	ug/kg	11	1300	U	ug/kg	1300	1300	U	ug/kg	1300
1,2-Dichloropropane	6600	U	ug/kg	6600	11	U	ug/kg	11	1300	U	ug/kg	1300	1300	U	ug/kg	1300
cis-1,3-Dichloropropene	6600	U	ug/kg	6600	11	U	ug/kg	11	1300	U	ug/kg	1300	1300	U	ug/kg	1300
Trichloroethene	6600	U	ug/kg	6600	11	U	ug/kg	11	1300	U	ug/kg	1300	6800		ug/kg	1300
Dibromochloromethane	6600	U	ug/kg	6600	11	U	ug/kg	11	1300	U	ug/kg	1300	1300	U	ug/kg	1300
1,1,2-Trichloroethane	6600	U	ug/kg	6600	11	U	ug/kg	11	1300	U	ug/kg	1300	1300	U	ug/kg	1300
Benzene	6600	U	ug/kg	6600	11	U	ug/kg	11	1300	U	ug/kg	1300	7200		ug/kg	1300
trans-1,3-Dichloropropene	6600	U	ug/kg	6600	11	U	ug/kg	11	1300	U	ug/kg	1300	1300	U	ug/kg	1300
Bromoform	6600	U	ug/kg	6600	11	U	ug/kg	11	1300	U	ug/kg	1300	1300	U	ug/kg	1300
4-Methyl-2-pentanone	6600	U	ug/kg	6600	11	U	ug/kg	11	1300	U	ug/kg	1300	1300	U	ug/kg	1300
2-Hexanone	6600	UJ	ug/kg	6600	11	U	ug/kg	11	1300	UJ	ug/kg	1300	1300	U	ug/kg	1300
Tetrachloroethene	6600	U	ug/kg	6600	11	U	ug/kg	11	1300	U	ug/kg	1300	1300	U	ug/kg	1300
Toluene	6600	U	ug/kg	6600	11	U	ug/kg	11	1300	U	ug/kg	1300	7200		ug/kg	1300
1,1,2,2-Tetrachloroethane	6600	U	ug/kg	6600	11	U	ug/kg	11	1300	U	ug/kg	1300	1300	U	ug/kg	1300
Chlorobenzene	6600	U	ug/kg	6600	11	U	ug/kg	11	1300	U	ug/kg	1300	6900		ug/kg	1300
Ethylbenzene	6600	U	ug/kg	6600	11	U	ug/kg	11	1300	U	ug/kg	1300	1300	U	ug/kg	1300
Styrene	6600	U	ug/kg	6600	11	U	ug/kg	11	1300	U	ug/kg	1300	1300	U	ug/kg	1300
Xylenes (total)	6600	U	ug/kg	6600	11	U	ug/kg	11	1300	U	ug/kg	1300	1300	U	ug/kg	1300

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R ..ULT IS REJECTED AND UNUSABLE

WHITING FIELD ANAL..ICAL RESULT REPORT
VOLITILES ----- VALIDATED RESULTS

	34815001MS				34815002				34815003				34815004			
Lab Sample Number:																
Site	WHITING				WHITING				WHITING				WHITING			
Locator	18SB4-5-7MSD				18SB4-10-12				18SB4-15-17				18SB4-25-27			
Collect Date:	06-JAN-93				06-JAN-93				06-JAN-93				06-JAN-93			
	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL
CLP VOLATILES 90-SOW																
Chloromethane	1300	U	ug/kg	1300	11	U	ug/kg	11	1300	UJ	ug/kg	1300	11	UJ	ug/kg	11
Bromomethane	1300	U	ug/kg	1300	11	U	ug/kg	11	1300	U	ug/kg	1300	11	U	ug/kg	11
Vinyl chloride	1300	U	ug/kg	1300	11	U	ug/kg	11	1300	U	ug/kg	1300	11	U	ug/kg	11
Chloroethane	1300	U	ug/kg	1300	11	U	ug/kg	11	1300	U	ug/kg	1300	11	U	ug/kg	11
Methylene chloride	1300	U	ug/kg	1300	11	U	ug/kg	11	1300	U	ug/kg	1300	11	U	ug/kg	11
Acetone	1300	U	ug/kg	1300	11	U	ug/kg	11	1300	UJ	ug/kg	1300	210		ug/kg	11
Carbon disulfide	1300	U	ug/kg	1300	11	U	ug/kg	11	1300	U	ug/kg	1300	11	U	ug/kg	11
1,1-Dichloroethene	5300		ug/kg	1300	11	U	ug/kg	11	1300	U	ug/kg	1300	11	U	ug/kg	11
1,1-Dichloroethane	1300	U	ug/kg	1300	11	U	ug/kg	11	1300	U	ug/kg	1300	11	U	ug/kg	11
1,2-Dichloroethene (total)	1300	U	ug/kg	1300	11	U	ug/kg	11	1300	U	ug/kg	1300	11	U	ug/kg	11
Chloroform	1300	U	ug/kg	1300	11	U	ug/kg	11	1300	U	ug/kg	1300	11	U	ug/kg	11
1,2-Dichloroethane	1300	U	ug/kg	1300	11	U	ug/kg	11	1300	U	ug/kg	1300	11	U	ug/kg	11
2-Butanone	1300	U	ug/kg	1300	11	U	ug/kg	11	1300	U	ug/kg	1300	11	U	ug/kg	11
1,1,1-Trichloroethane	1300	U	ug/kg	1300	11	U	ug/kg	11	1300	U	ug/kg	1300	11	U	ug/kg	11
Carbon tetrachloride	1300	U	ug/kg	1300	11	U	ug/kg	11	1300	U	ug/kg	1300	11	U	ug/kg	11
Bromodichloromethane	1300	U	ug/kg	1300	11	U	ug/kg	11	1300	U	ug/kg	1300	11	U	ug/kg	11
1,2-Dichloropropane	1300	U	ug/kg	1300	11	U	ug/kg	11	1300	U	ug/kg	1300	11	U	ug/kg	11
cis-1,3-Dichloropropene	1300	U	ug/kg	1300	11	U	ug/kg	11	1300	U	ug/kg	1300	11	U	ug/kg	11
Trichloroethene	6400		ug/kg	1300	11	U	ug/kg	11	1300	U	ug/kg	1300	11	U	ug/kg	11
Dibromochloromethane	1300	U	ug/kg	1300	11	U	ug/kg	11	1300	U	ug/kg	1300	11	U	ug/kg	11
1,1,2-Trichloroethane	1300	U	ug/kg	1300	11	U	ug/kg	11	1300	U	ug/kg	1300	11	U	ug/kg	11
Benzene	6900		ug/kg	1300	11	U	ug/kg	11	1300	U	ug/kg	1300	11	U	ug/kg	11
trans-1,3-Dichloropropene	1300	U	ug/kg	1300	11	U	ug/kg	11	1300	U	ug/kg	1300	11	U	ug/kg	11
Bromoform	1300	U	ug/kg	1300	11	U	ug/kg	11	1300	U	ug/kg	1300	11	U	ug/kg	11
4-Methyl-2-pentanone	1300	U	ug/kg	1300	3	J	ug/kg	11	1300	U	ug/kg	1300	11	U	ug/kg	11
2-Hexanone	1300	U	ug/kg	1300	11	U	ug/kg	11	1300	U	ug/kg	1300	11	U	ug/kg	11
Tetrachloroethene	1300	U	ug/kg	1300	11	U	ug/kg	11	1300	U	ug/kg	1300	11	U	ug/kg	11
Toluene	6900		ug/kg	1300	11	U	ug/kg	11	1300	U	ug/kg	1300	11	U	ug/kg	11
1,1,2,2-Tetrachloroethane	1300	U	ug/kg	1300	11	U	ug/kg	11	1300	U	ug/kg	1300	11	U	ug/kg	11
Chlorobenzene	6600		ug/kg	1300	11	U	ug/kg	11	1300	U	ug/kg	1300	11	U	ug/kg	11
Ethylbenzene	1300	U	ug/kg	1300	11	U	ug/kg	11	1300	U	ug/kg	1300	11	U	ug/kg	11
Styrene	1300	U	ug/kg	1300	11	U	ug/kg	11	1300	U	ug/kg	1300	11	U	ug/kg	11
Xylenes (total)	1300	U	ug/kg	1300	16		ug/kg	11	1300	U	ug/kg	1300	11	U	ug/kg	11

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WHITING FIELD ANAL..ICAL RESULT REPORT
VOLITILES ----- VALIDATED RESULTS

Lab Sample Number:	34815005				34815006				34807001				34807002			
Site	WHITING				WHITING				WHITING				WHITING			
Locator	18SB4-35-37				18SB4-40-42				18SB6-5-7				18SB6-10-12			
Collect Date:	06-JAN-93				06-JAN-93				05-JAN-93				05-JAN-93			
	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL
CLP VOLATILES 90-SOW																
Chloromethane	10	U	ug/kg	10	13	U	ug/kg	13	55	U	ug/kg	55	6500	UJ	ug/kg	6500
Bromomethane	10	U	ug/kg	10	13	U	ug/kg	13	55	U	ug/kg	55	6500	U	ug/kg	6500
Vinyl chloride	10	U	ug/kg	10	13	U	ug/kg	13	55	U	ug/kg	55	6500	U	ug/kg	6500
Chloroethane	10	U	ug/kg	10	13	U	ug/kg	13	55	U	ug/kg	55	6500	U	ug/kg	6500
Methylene chloride	10	U	ug/kg	10	13	U	ug/kg	13	55	U	ug/kg	55	6500	U	ug/kg	6500
Acetone	31	UJ	ug/kg	10	54	UJ	ug/kg	13	55	U	ug/kg	55	6500	UJ	ug/kg	6500
Carbon disulfide	10	U	ug/kg	10	13	U	ug/kg	13	55	U	ug/kg	55	6500	U	ug/kg	6500
1,1-Dichloroethene	10	U	ug/kg	10	13	U	ug/kg	13	55	U	ug/kg	55	6500	U	ug/kg	6500
1,1-Dichloroethane	10	U	ug/kg	10	13	U	ug/kg	13	55	U	ug/kg	55	6500	U	ug/kg	6500
1,2-Dichloroethene (total)	10	U	ug/kg	10	13	U	ug/kg	13	55	U	ug/kg	55	6500	U	ug/kg	6500
Chloroform	10	U	ug/kg	10	13	U	ug/kg	13	55	U	ug/kg	55	6500	U	ug/kg	6500
1,2-Dichloroethane	10	U	ug/kg	10	13	U	ug/kg	13	55	U	ug/kg	55	6500	U	ug/kg	6500
2-Butanone	10	U	ug/kg	10	13	U	ug/kg	13	21	J	ug/kg	55	6500	UJ	ug/kg	6500
1,1,1-Trichloroethane	10	U	ug/kg	10	13	U	ug/kg	13	55	U	ug/kg	55	6500	U	ug/kg	6500
Carbon tetrachloride	10	U	ug/kg	10	13	U	ug/kg	13	55	U	ug/kg	55	6500	U	ug/kg	6500
Bromodichloromethane	10	U	ug/kg	10	13	U	ug/kg	13	55	U	ug/kg	55	6500	U	ug/kg	6500
1,2-Dichloropropane	10	U	ug/kg	10	13	U	ug/kg	13	55	U	ug/kg	55	6500	U	ug/kg	6500
cis-1,3-Dichloropropene	10	U	ug/kg	10	13	U	ug/kg	13	55	U	ug/kg	55	6500	U	ug/kg	6500
Trichloroethene	10	U	ug/kg	10	13	U	ug/kg	13	55	U	ug/kg	55	6500	U	ug/kg	6500
Dibromochloromethane	10	U	ug/kg	10	13	U	ug/kg	13	55	U	ug/kg	55	6500	U	ug/kg	6500
1,1,2-Trichloroethane	10	U	ug/kg	10	13	U	ug/kg	13	55	U	ug/kg	55	6500	U	ug/kg	6500
Benzene	10	U	ug/kg	10	13	U	ug/kg	13	55	U	ug/kg	55	6500	U	ug/kg	6500
trans-1,3-Dichloropropene	10	U	ug/kg	10	13	U	ug/kg	13	55	U	ug/kg	55	6500	U	ug/kg	6500
Bromoform	10	U	ug/kg	10	13	U	ug/kg	13	55	U	ug/kg	55	6500	U	ug/kg	6500
4-Methyl-2-pentanone	10	U	ug/kg	10	13	U	ug/kg	13	55	U	ug/kg	55	6500	U	ug/kg	6500
2-Hexanone	10	U	ug/kg	10	13	U	ug/kg	13	55	U	ug/kg	55	6500	UJ	ug/kg	6500
Tetrachloroethene	10	U	ug/kg	10	13	U	ug/kg	13	55	U	ug/kg	55	6500	U	ug/kg	6500
Toluene	10	U	ug/kg	10	13	U	ug/kg	13	55	U	ug/kg	55	6500	U	ug/kg	6500
1,1,2,2-Tetrachloroethane	10	U	ug/kg	10	13	U	ug/kg	13	55	U	ug/kg	55	6500	U	ug/kg	6500
Chlorobenzene	10	U	ug/kg	10	13	U	ug/kg	13	55	U	ug/kg	55	6500	U	ug/kg	6500
Ethylbenzene	10	U	ug/kg	10	13	U	ug/kg	13	55	U	ug/kg	55	6500	U	ug/kg	6500
Styrene	10	U	ug/kg	10	13	U	ug/kg	13	55	U	ug/kg	55	6500	U	ug/kg	6500
Xylenes (total)	10	U	ug/kg	10	13	U	ug/kg	13	55	U	ug/kg	55	8700		ug/kg	6500

U = NOT DETECTED J = ESTIMATED VALUE
UJ= REPORTED QUANTITATION LIMIT IS QUALIFIED AS ESTIMATED
R = RESULT IS REJECTED AND UNUSABLE

WHITING FIELD ANAL..ICAL RESULT REPORT
VOLITILES ----- VALIDATED RESULTS

Lab Sample Number:	34807003				34807004				34807004MS				34807004MS			
Site	WHITING				WHITING				WHITING				WHITING			
Locator	18SB6-10-12A				18SB6-15-17				18SB6-15-17MS				18SB6-15-17MSD			
Collect Date:	05-JAN-93				05-JAN-93				05-JAN-93				05-JAN-93			
	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL
CLP VOLATILES 90-SOW																
Chloromethane	6600	UJ	ug/kg	6600	10	U	ug/kg	10	10	U	ug/kg	10	10	U	ug/kg	10
Bromomethane	6600	U	ug/kg	6600	10	U	ug/kg	10	10	U	ug/kg	10	10	U	ug/kg	10
Vinyl chloride	6600	U	ug/kg	6600	10	U	ug/kg	10	10	U	ug/kg	10	10	U	ug/kg	10
Chloroethane	6600	U	ug/kg	6600	10	U	ug/kg	10	10	U	ug/kg	10	10	U	ug/kg	10
Methylene chloride	6600	U	ug/kg	6600	10	U	ug/kg	10	10	U	ug/kg	10	10	U	ug/kg	10
Acetone	6600	UJ	ug/kg	6600	20		ug/kg	10	19		ug/kg	10	19		ug/kg	10
Carbon disulfide	6600	U	ug/kg	6600	10	U	ug/kg	10	10	U	ug/kg	10	10	U	ug/kg	10
1,1-Dichloroethene	6600	U	ug/kg	6600	10	U	ug/kg	10	50		ug/kg	10	49		ug/kg	10
1,1-Dichloroethane	6600	U	ug/kg	6600	10	U	ug/kg	10	10	U	ug/kg	10	10	U	ug/kg	10
1,2-Dichloroethene (total)	6600	U	ug/kg	6600	10	U	ug/kg	10	10	U	ug/kg	10	10	U	ug/kg	10
Chloroform	6600	U	ug/kg	6600	10	U	ug/kg	10	10	U	ug/kg	10	10	U	ug/kg	10
1,2-Dichloroethane	6600	U	ug/kg	6600	10	UJ	ug/kg	10	10	U	ug/kg	10	10	U	ug/kg	10
2-Butanone	6600	UJ	ug/kg	6600	10	UJ	ug/kg	10	5	J	ug/kg	10	4	J	ug/kg	10
1,1,1-Trichloroethane	6600	U	ug/kg	6600	10	U	ug/kg	10	10	U	ug/kg	10	10	U	ug/kg	10
Carbon tetrachloride	6600	U	ug/kg	6600	10	U	ug/kg	10	10	U	ug/kg	10	10	U	ug/kg	10
Bromodichloromethane	6600	U	ug/kg	6600	10	U	ug/kg	10	10	U	ug/kg	10	10	U	ug/kg	10
1,2-Dichloropropane	6600	U	ug/kg	6600	10	U	ug/kg	10	10	U	ug/kg	10	10	U	ug/kg	10
cis-1,3-Dichloropropene	6600	U	ug/kg	6600	10	U	ug/kg	10	10	U	ug/kg	10	10	U	ug/kg	10
Trichloroethene	6600	U	ug/kg	6600	10	U	ug/kg	10	57		ug/kg	10	58		ug/kg	10
Dibromochloromethane	6600	U	ug/kg	6600	10	U	ug/kg	10	10	U	ug/kg	10	10	U	ug/kg	10
1,1,2-Trichloroethane	6600	U	ug/kg	6600	10	U	ug/kg	10	10	U	ug/kg	10	10	U	ug/kg	10
Benzene	6600	U	ug/kg	6600	10	U	ug/kg	10	58		ug/kg	10	59		ug/kg	10
trans-1,3-Dichloropropene	6600	U	ug/kg	6600	10	U	ug/kg	10	10	U	ug/kg	10	10	U	ug/kg	10
Bromoform	6600	U	ug/kg	6600	10	U	ug/kg	10	10	U	ug/kg	10	10	U	ug/kg	10
4-Methyl-2-pentanone	6600	U	ug/kg	6600	10	UJ	ug/kg	10	10	U	ug/kg	10	10	U	ug/kg	10
2-Hexanone	6600	UJ	ug/kg	6600	10	UJ	ug/kg	10	10	U	ug/kg	10	10	U	ug/kg	10
Tetrachloroethene	6600	U	ug/kg	6600	10	U	ug/kg	10	10	U	ug/kg	10	10	U	ug/kg	10
Toluene	6600	U	ug/kg	6600	10	U	ug/kg	10	59		ug/kg	10	60		ug/kg	10
1,1,2,2-Tetrachloroethane	6600	U	ug/kg	6600	10	U	ug/kg	10	10	U	ug/kg	10	10	U	ug/kg	10
Chlorobenzene	6600	U	ug/kg	6600	10	U	ug/kg	10	61		ug/kg	10	61		ug/kg	10
Ethylbenzene	6600	U	ug/kg	6600	10	U	ug/kg	10	10	U	ug/kg	10	10	U	ug/kg	10
Styrene	6600	U	ug/kg	6600	10	U	ug/kg	10	10	U	ug/kg	10	10	U	ug/kg	10
Xylenes (total)	5600	J	ug/kg	6600	10	U	ug/kg	10	10	U	ug/kg	10	10	U	ug/kg	10

U = NOT DETECTED J = ESTIMATED VALUE
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R = RESULT IS REJECTED AND UNUSABLE

WHITING FIELD ANAL..ICAL RESULT REPORT
VOLITILES ----- VALIDATED RESULTS

Lab Sample Number:	34807005				34807007				34807006				34797001			
Site	WHITING				WHITING				WHITING				WHITING			
Locator	18SB6-20-22				18SB7-5-7				18SB7-15-17				18SB8-5-7			
Collect Date:	05-JAN-93				05-JAN-93				05-JAN-93				04-JAN-93			
	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL
CLP VOLATILES 90-SOW																
Chloromethane	10	U	ug/kg	10	11	U	ug/kg	11	11	U	ug/kg	11	11	U	ug/kg	11
Bromomethane	10	U	ug/kg	10	11	U	ug/kg	11	11	U	ug/kg	11	11	U	ug/kg	11
Vinyl chloride	10	U	ug/kg	10	11	U	ug/kg	11	11	U	ug/kg	11	11	U	ug/kg	11
Chloroethane	10	U	ug/kg	10	11	U	ug/kg	11	11	U	ug/kg	11	11	U	ug/kg	11
Methylene chloride	10	U	ug/kg	10	11	U	ug/kg	11	11	U	ug/kg	11	11	U	ug/kg	11
Acetone	10	J	ug/kg	10	11	U	ug/kg	11	150		ug/kg	11	11	U	ug/kg	11
Carbon disulfide	10	U	ug/kg	10	11	U	ug/kg	11	11	U	ug/kg	11	11	U	ug/kg	11
1,1-Dichloroethene	10	U	ug/kg	10	11	U	ug/kg	11	11	U	ug/kg	11	11	U	ug/kg	11
1,1-Dichloroethane	10	U	ug/kg	10	11	U	ug/kg	11	11	U	ug/kg	11	11	U	ug/kg	11
1,2-Dichloroethene (total)	10	U	ug/kg	10	11	U	ug/kg	11	11	U	ug/kg	11	11	U	ug/kg	11
Chloroform	10	U	ug/kg	10	11	U	ug/kg	11	11	U	ug/kg	11	11	U	ug/kg	11
1,2-Dichloroethane	10	U	ug/kg	10	11	U	ug/kg	11	11	U	ug/kg	11	11	U	ug/kg	11
2-Butanone	10	U	ug/kg	10	11	U	ug/kg	11	11	U	ug/kg	11	12		ug/kg	11
1,1,1-Trichloroethane	10	U	ug/kg	10	11	U	ug/kg	11	11	U	ug/kg	11	11	U	ug/kg	11
Carbon tetrachloride	10	U	ug/kg	10	11	U	ug/kg	11	11	U	ug/kg	11	11	U	ug/kg	11
Bromodichloromethane	10	U	ug/kg	10	11	U	ug/kg	11	11	U	ug/kg	11	11	U	ug/kg	11
1,2-Dichloropropane	10	U	ug/kg	10	11	U	ug/kg	11	11	U	ug/kg	11	11	U	ug/kg	11
cis-1,3-Dichloropropene	10	U	ug/kg	10	11	U	ug/kg	11	11	U	ug/kg	11	11	U	ug/kg	11
Trichloroethene	10	U	ug/kg	10	11	U	ug/kg	11	11	U	ug/kg	11	11	U	ug/kg	11
Dibromochloromethane	10	U	ug/kg	10	11	U	ug/kg	11	11	U	ug/kg	11	11	U	ug/kg	11
1,1,2-Trichloroethane	10	U	ug/kg	10	11	U	ug/kg	11	11	U	ug/kg	11	11	U	ug/kg	11
Benzene	10	U	ug/kg	10	11	U	ug/kg	11	11	U	ug/kg	11	11	U	ug/kg	11
trans-1,3-Dichloropropene	10	U	ug/kg	10	11	U	ug/kg	11	11	U	ug/kg	11	11	U	ug/kg	11
Bromoform	10	U	ug/kg	10	11	U	ug/kg	11	11	U	ug/kg	11	11	U	ug/kg	11
4-Methyl-2-pentanone	10	U	ug/kg	10	11	U	ug/kg	11	11	U	ug/kg	11	17		ug/kg	11
2-Hexanone	10	U	ug/kg	10	11	U	ug/kg	11	11	U	ug/kg	11	11	U	ug/kg	11
Tetrachloroethene	10	U	ug/kg	10	11	U	ug/kg	11	11	U	ug/kg	11	11	U	ug/kg	11
Toluene	10	U	ug/kg	10	11	U	ug/kg	11	11	U	ug/kg	11	11	U	ug/kg	11
1,1,2,2-Tetrachloroethane	10	U	ug/kg	10	11	U	ug/kg	11	11	U	ug/kg	11	11	U	ug/kg	11
Chlorobenzene	10	U	ug/kg	10	11	U	ug/kg	11	11	U	ug/kg	11	11	U	ug/kg	11
Ethylbenzene	10	U	ug/kg	10	11	U	ug/kg	11	11	U	ug/kg	11	11	U	ug/kg	11
Styrene	10	U	ug/kg	10	11	U	ug/kg	11	11	U	ug/kg	11	11	U	ug/kg	11
Xylenes (total)	10	U	ug/kg	10	11	U	ug/kg	11	11	U	ug/kg	11	11	U	ug/kg	11

U = NOT DETECTED J = ESTIMATED VALUE
UJ= REPORTED QUANTITATION LIMIT IS QUALIFIED AS ESTIMATED
R = ...LT IS REJECTED AND UNUSABLE

WHITING FIELD ANAL..ICAL RESULT REPORT
VOLITILES ----- VALIDATED RESULTS

Lab Sample Number:	34797002RE				34797001MS				34797001MS				34799002					
Site	WHITING				WHITING				WHITING				WHITING					
Locator	18SB8-5-7ARE				18SB8-5-7MS				18SB8-5-7MSD				18SB8-10-12					
Collect Date:	04-JAN-93				04-JAN-93				04-JAN-93				04-JAN-93					
	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL		
CLP VOLATILES 90-SOW																		
Chloromethane	11	U	ug/kg	11	11	U	ug/kg	11	11	U	ug/kg	11	7100	UJ	ug/kg	7100		
Bromomethane	11	U	ug/kg	11	11	U	ug/kg	11	11	U	ug/kg	11	7100	U	ug/kg	7100		
Vinyl chloride	11	U	ug/kg	11	11	U	ug/kg	11	11	U	ug/kg	11	7100	U	ug/kg	7100		
Chloroethane	11	U	ug/kg	11	11	U	ug/kg	11	11	U	ug/kg	11	7100	U	ug/kg	7100		
Methylene chloride	11	U	ug/kg	11	11	U	ug/kg	11	11	U	ug/kg	11	7100	U	ug/kg	7100		
Acetone	11	U	ug/kg	11	11	U	ug/kg	11	11	U	ug/kg	11	7100	UJ	ug/kg	7100		
Carbon disulfide	11	U	ug/kg	11	11	U	ug/kg	11	11	U	ug/kg	11	7100	U	ug/kg	7100		
1,1-Dichloroethene	11	U	ug/kg	11	41		ug/kg	11	52		ug/kg	11	7100	U	ug/kg	7100		
1,1-Dichloroethane	11	U	ug/kg	11	11	U	ug/kg	11	11	U	ug/kg	11	7100	U	ug/kg	7100		
1,2-Dichloroethene (total)	11	U	ug/kg	11	11	U	ug/kg	11	11	U	ug/kg	11	7100	U	ug/kg	7100		
Chloroform	11	U	ug/kg	11	11	U	ug/kg	11	11	U	ug/kg	11	7100	U	ug/kg	7100		
1,2-Dichloroethane	11	U	ug/kg	11	11	U	ug/kg	11	11	U	ug/kg	11	7100	U	ug/kg	7100		
2-Butanone	6	J	ug/kg	11	10	J	ug/kg	11	11	J	ug/kg	11	7100	UJ	ug/kg	7100		
1,1,1-Trichloroethane	11	U	ug/kg	11	11	U	ug/kg	11	11	U	ug/kg	11	7100	U	ug/kg	7100		
Carbon tetrachloride	11	U	ug/kg	11	11	U	ug/kg	11	11	U	ug/kg	11	7100	U	ug/kg	7100		
Bromodichloromethane	11	U	ug/kg	11	11	U	ug/kg	11	11	U	ug/kg	11	7100	U	ug/kg	7100		
1,2-Dichloropropane	11	U	ug/kg	11	11	U	ug/kg	11	11	U	ug/kg	11	7100	U	ug/kg	7100		
cis-1,3-Dichloropropene	11	U	ug/kg	11	11	U	ug/kg	11	11	U	ug/kg	11	7100	U	ug/kg	7100		
Trichloroethene	11	U	ug/kg	11	48		ug/kg	11	62		ug/kg	11	7100	U	ug/kg	7100		
Dibromochloromethane	11	U	ug/kg	11	11	U	ug/kg	11	11	U	ug/kg	11	7100	U	ug/kg	7100		
1,1,2-Trichloroethane	11	U	ug/kg	11	11	U	ug/kg	11	11	U	ug/kg	11	7100	U	ug/kg	7100		
Benzene	11	U	ug/kg	11	44		ug/kg	11	59		ug/kg	11	7100	U	ug/kg	7100		
trans-1,3-Dichloropropene	11	U	ug/kg	11	11	U	ug/kg	11	11	U	ug/kg	11	7100	U	ug/kg	7100		
Bromoform	11	U	ug/kg	11	11	U	ug/kg	11	11	U	ug/kg	11	7100	U	ug/kg	7100		
4-Methyl-2-pentanone	6	J	ug/kg	11	12		ug/kg	11	13		ug/kg	11	7100	U	ug/kg	7100		
2-Hexanone	11	U	ug/kg	11	11	U	ug/kg	11	11	U	ug/kg	11	7100	UJ	ug/kg	7100		
Tetrachloroethene	11	U	ug/kg	11	11	U	ug/kg	11	11	U	ug/kg	11	7100	U	ug/kg	7100		
Toluene	11	U	ug/kg	11	45		ug/kg	11	62		ug/kg	11	7100	U	ug/kg	7100		
1,1,2,2-Tetrachloroethane	11	U	ug/kg	11	11	U	ug/kg	11	11	U	ug/kg	11	7100	U	ug/kg	7100		
Chlorobenzene	11	U	ug/kg	11	47		ug/kg	11	63		ug/kg	11	7100	U	ug/kg	7100		
Ethylbenzene	11	U	ug/kg	11	11	U	ug/kg	11	11	U	ug/kg	11	7100	U	ug/kg	7100		
Styrene	11	U	ug/kg	11	11	U	ug/kg	11	11	U	ug/kg	11	7100	U	ug/kg	7100		
Xylenes (total)	11	U	ug/kg	11	11	U	ug/kg	11	11	U	ug/kg	11	800	J	ug/kg	7100		

U = NOT DETECTED J = ESTIMATED VALUE
UJ= REPORTED QUANTITATION LIMIT IS QUALIFIED AS ESTIMATED
R = RESULT IS REJECTED AND UNUSABLE

WHITING FIELD ANAL...ICAL RESULT REPORT
VOLITILES ----- VALIDATED RESULTS

Lab Sample Number:	34799003				34807013				34807014				34799001			
Site	WHITING				WHITING				WHITING				WHITING			
Locator	18SB8-15-17				18SB9-5-7				18SB9-15-17				18SB10-5-7			
Collect Date:	04-JAN-93				05-JAN-93				05-JAN-93				04-JAN-93			
	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL
CLP VOLATILES 90-SOW																
Chloromethane	1400	UJ	ug/kg	1400	11	U	ug/kg	11	11	U	ug/kg	11	11	U	ug/kg	11
Bromomethane	1400	U	ug/kg	1400	11	U	ug/kg	11	11	U	ug/kg	11	11	U	ug/kg	11
Vinyl chloride	1400	U	ug/kg	1400	11	U	ug/kg	11	11	U	ug/kg	11	11	U	ug/kg	11
Chloroethane	1400	U	ug/kg	1400	11	U	ug/kg	11	11	U	ug/kg	11	11	U	ug/kg	11
Methylene chloride	1400	U	ug/kg	1400	11	U	ug/kg	11	11	U	ug/kg	11	11	U	ug/kg	11
Acetone	1400	UJ	ug/kg	1400	11	U	ug/kg	11	93		ug/kg	11	230	J	ug/kg	11
Carbon disulfide	1400	U	ug/kg	1400	11	U	ug/kg	11	11	U	ug/kg	11	11	U	ug/kg	11
1,1-Dichloroethene	1400	U	ug/kg	1400	11	U	ug/kg	11	11	U	ug/kg	11	11	U	ug/kg	11
1,1-Dichloroethane	1400	U	ug/kg	1400	11	U	ug/kg	11	11	U	ug/kg	11	11	U	ug/kg	11
1,2-Dichloroethene (total)	1400	U	ug/kg	1400	11	U	ug/kg	11	11	U	ug/kg	11	11	U	ug/kg	11
Chloroform	1400	U	ug/kg	1400	11	U	ug/kg	11	11	U	ug/kg	11	11	U	ug/kg	11
1,2-Dichloroethane	1400	U	ug/kg	1400	11	UJ	ug/kg	11	11	UJ	ug/kg	11	11	U	ug/kg	11
2-Butanone	1400	U	ug/kg	1400	11	UJ	ug/kg	11	11	UJ	ug/kg	11	11	U	ug/kg	11
1,1,1-Trichloroethane	1400	U	ug/kg	1400	11	U	ug/kg	11	11	U	ug/kg	11	11	U	ug/kg	11
Carbon tetrachloride	1400	U	ug/kg	1400	11	U	ug/kg	11	11	U	ug/kg	11	11	U	ug/kg	11
Bromodichloromethane	1400	U	ug/kg	1400	11	U	ug/kg	11	11	U	ug/kg	11	11	U	ug/kg	11
1,2-Dichloropropane	1400	U	ug/kg	1400	11	U	ug/kg	11	11	U	ug/kg	11	11	U	ug/kg	11
cis-1,3-Dichloropropene	1400	U	ug/kg	1400	11	U	ug/kg	11	11	U	ug/kg	11	11	U	ug/kg	11
Trichloroethene	1400	U	ug/kg	1400	11	U	ug/kg	11	11	U	ug/kg	11	11	U	ug/kg	11
Dibromochloromethane	1400	U	ug/kg	1400	11	U	ug/kg	11	11	U	ug/kg	11	11	U	ug/kg	11
1,1,2-Trichloroethane	1400	U	ug/kg	1400	11	U	ug/kg	11	11	U	ug/kg	11	11	U	ug/kg	11
Benzene	1400	U	ug/kg	1400	11	U	ug/kg	11	11	U	ug/kg	11	11	U	ug/kg	11
trans-1,3-Dichloropropene	1400	U	ug/kg	1400	11	U	ug/kg	11	11	U	ug/kg	11	11	U	ug/kg	11
Bromoform	1400	U	ug/kg	1400	11	U	ug/kg	11	11	U	ug/kg	11	11	U	ug/kg	11
4-Methyl-2-pentanone	1400	U	ug/kg	1400	11	UJ	ug/kg	11	11	UJ	ug/kg	11	11	U	ug/kg	11
2-Hexanone	1400	U	ug/kg	1400	11	UJ	ug/kg	11	11	UJ	ug/kg	11	11	U	ug/kg	11
Tetrachloroethene	1400	U	ug/kg	1400	11	U	ug/kg	11	11	U	ug/kg	11	11	U	ug/kg	11
Toluene	1400	U	ug/kg	1400	11	U	ug/kg	11	11	U	ug/kg	11	11	U	ug/kg	11
1,1,2,2-Tetrachloroethane	1400	U	ug/kg	1400	11	U	ug/kg	11	11	U	ug/kg	11	11	U	ug/kg	11
Chlorobenzene	1400	U	ug/kg	1400	11	U	ug/kg	11	11	U	ug/kg	11	11	U	ug/kg	11
Ethylbenzene	1400	U	ug/kg	1400	11	U	ug/kg	11	11	U	ug/kg	11	11	U	ug/kg	11
Styrene	1400	U	ug/kg	1400	11	U	ug/kg	11	11	U	ug/kg	11	11	U	ug/kg	11
Xylenes (total)	1400	U	ug/kg	1400	11	U	ug/kg	11	11	U	ug/kg	11	11	U	ug/kg	11

U = NOT DETECTED J = ESTIMATED VALUE
UJ= REPORTED QUANTITATION LIMIT IS QUALIFIED AS ESTIMATED
R = ULT IS REJECTED AND UNUSABLE

WHITING FIELD ANAL..ICAL RESULT REPORT
VOLITILES ----- VALIDATED RESULTS

Lab Sample Number:	34799001RE
Site	WHITING
Locator	18SB10-5-7RE
Collect Date:	04-JAN-93

	VALUE	QUAL	UNITS	DL
CLP VOLATILES 90-SOW				
Chloromethane	57	U	ug/kg	57
Bromomethane	57	U	ug/kg	57
Vinyl chloride	57	U	ug/kg	57
Chloroethane	57	U	ug/kg	57
Methylene chloride	57	U	ug/kg	57
Acetone	130		ug/kg	57
Carbon disulfide	57	U	ug/kg	57
1,1-Dichloroethene	57	U	ug/kg	57
1,1-Dichloroethane	57	U	ug/kg	57
1,2-Dichloroethene (total)	57	U	ug/kg	57
Chloroform	57	U	ug/kg	57
1,2-Dichloroethane	57	UJ	ug/kg	57
2-Butanone	57	UJ	ug/kg	57
1,1,1-Trichloroethane	57	U	ug/kg	57
Carbon tetrachloride	57	U	ug/kg	57
Bromodichloromethane	57	U	ug/kg	57
1,2-Dichloropropane	57	U	ug/kg	57
cis-1,3-Dichloropropene	57	U	ug/kg	57
Trichloroethene	57	U	ug/kg	57
Dibromochloromethane	57	U	ug/kg	57
1,1,2-Trichloroethane	57	U	ug/kg	57
Benzene	57	U	ug/kg	57
trans-1,3-Dichloropropene	57	U	ug/kg	57
Bromoform	57	U	ug/kg	57
4-Methyl-2-pentanone	57	UJ	ug/kg	57
2-Hexanone	57	UJ	ug/kg	57
Tetrachloroethene	57	U	ug/kg	57
Toluene	57	U	ug/kg	57
1,1,2,2-Tetrachloroethane	57	U	ug/kg	57
Chlorobenzene	57	U	ug/kg	57
Ethylbenzene	57	U	ug/kg	57
Styrene	57	U	ug/kg	57
Xylenes (total)	57	U	ug/kg	57

U = NOT DETECTED J = ESTIMATED VALUE
UJ= REPORTED QUANTITATION LIMIT IS QUALIFIED AS ESTIMATED
R = RESULT IS REJECTED AND UNUSABLE

WHITING FIELD ANALYTICAL RESULT REPORT
SEMIVOLITILES ----- VALIDATED RESULTS

Lab Sample Number:	34807015				34807016				34807017				34807018			
Site	WHITING				WHITING				WHITING				WHITING			
Locator	18SB1-5-7				18SB1-10-12				18SB2-5-7				18SB2-10-12			
Collect Date:	05-JAN-93				05-JAN-93				05-JAN-93				05-JAN-93			
	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL
CLP SEMIVOLATILES 90-SOW																
Phenol	350	U	ug/kg	350	350	U	ug/kg	350	350	U	ug/kg	350	350	U	ug/kg	350
bis(2-Chloroethyl) ether	350	U	ug/kg	350	350	U	ug/kg	350	350	U	ug/kg	350	350	U	ug/kg	350
2-Chlorophenol	350	U	ug/kg	350	350	U	ug/kg	350	350	U	ug/kg	350	350	U	ug/kg	350
1,3-Dichlorobenzene	350	U	ug/kg	350	350	U	ug/kg	350	350	U	ug/kg	350	350	U	ug/kg	350
1,4-Dichlorobenzene	350	U	ug/kg	350	350	U	ug/kg	350	350	U	ug/kg	350	350	U	ug/kg	350
1,2-Dichlorobenzene	350	U	ug/kg	350	350	U	ug/kg	350	350	U	ug/kg	350	350	U	ug/kg	350
2-Methylphenol	350	U	ug/kg	350	350	U	ug/kg	350	350	U	ug/kg	350	350	U	ug/kg	350
2,2-oxybis(1-Chloropropane)	350	U	ug/kg	350	350	U	ug/kg	350	350	U	ug/kg	350	350	U	ug/kg	350
4-Methylphenol	350	U	ug/kg	350	350	U	ug/kg	350	350	U	ug/kg	350	350	U	ug/kg	350
N-Nitroso-di-n-propylamine	350	U	ug/kg	350	350	U	ug/kg	350	350	U	ug/kg	350	350	U	ug/kg	350
Hexachloroethane	350	U	ug/kg	350	350	U	ug/kg	350	350	U	ug/kg	350	350	U	ug/kg	350
Nitrobenzene	350	U	ug/kg	350	350	U	ug/kg	350	350	U	ug/kg	350	350	U	ug/kg	350
Isophorone	350	U	ug/kg	350	350	U	ug/kg	350	350	U	ug/kg	350	350	U	ug/kg	350
2-Nitrophenol	350	U	ug/kg	350	350	U	ug/kg	350	350	U	ug/kg	350	350	U	ug/kg	350
2,4-Dimethylphenol	350	U	ug/kg	350	350	U	ug/kg	350	350	U	ug/kg	350	350	U	ug/kg	350
bis(2-Chloroethoxy) methane	350	U	ug/kg	350	350	U	ug/kg	350	350	U	ug/kg	350	350	U	ug/kg	350
2,4-Dichlorophenol	350	U	ug/kg	350	350	U	ug/kg	350	350	U	ug/kg	350	350	U	ug/kg	350
1,2,4-Trichlorobenzene	350	U	ug/kg	350	350	U	ug/kg	350	350	U	ug/kg	350	350	U	ug/kg	350
Naphthalene	350	U	ug/kg	350	350	U	ug/kg	350	350	U	ug/kg	350	350	U	ug/kg	350
4-Chloroaniline	350	U	ug/kg	350	350	U	ug/kg	350	350	U	ug/kg	350	350	U	ug/kg	350
Hexachlorobutadiene	350	U	ug/kg	350	350	U	ug/kg	350	350	U	ug/kg	350	350	U	ug/kg	350
4-Chloro-3-methylphenol	350	U	ug/kg	350	350	U	ug/kg	350	350	U	ug/kg	350	350	U	ug/kg	350
2-Methylnaphthalene	350	U	ug/kg	350	350	U	ug/kg	350	350	U	ug/kg	350	350	U	ug/kg	350
Hexachlorocyclopentadiene	350	U	ug/kg	350	350	U	ug/kg	350	350	U	ug/kg	350	350	U	ug/kg	350
2,4,6-Trichlorophenol	350	U	ug/kg	350	350	U	ug/kg	350	350	U	ug/kg	350	350	U	ug/kg	350
2,4,5-Trichlorophenol	850	U	ug/kg	850	860	U	ug/kg	860	860	U	ug/kg	860	850	U	ug/kg	850
2-Chloronaphthalene	350	U	ug/kg	350	350	U	ug/kg	350	350	U	ug/kg	350	350	U	ug/kg	350
2-Nitroaniline	850	U	ug/kg	850	860	U	ug/kg	860	860	U	ug/kg	860	850	U	ug/kg	850
Dimethylphthalate	350	U	ug/kg	350	40	J	ug/kg	350	350	U	ug/kg	350	350	U	ug/kg	350
Acenaphthylene	350	U	ug/kg	350	350	U	ug/kg	350	350	U	ug/kg	350	350	U	ug/kg	350
2,6-Dinitrotoluene	350	U	ug/kg	350	350	U	ug/kg	350	350	U	ug/kg	350	350	U	ug/kg	350
3-Nitroaniline	850	U	ug/kg	850	860	U	ug/kg	860	860	U	ug/kg	860	850	U	ug/kg	850
Acenaphthene	350	U	ug/kg	350	350	U	ug/kg	350	350	U	ug/kg	350	350	U	ug/kg	350
2,4-Dinitrophenol	850	U	ug/kg	850	860	U	ug/kg	860	860	U	ug/kg	860	850	U	ug/kg	850
4-Nitrophenol	850	U	ug/kg	850	860	U	ug/kg	860	860	U	ug/kg	860	850	U	ug/kg	850
Dibenzofuran	350	U	ug/kg	350	350	U	ug/kg	350	350	U	ug/kg	350	350	U	ug/kg	350
2,4-Dinitrotoluene	350	U	ug/kg	350	350	U	ug/kg	350	350	U	ug/kg	350	350	U	ug/kg	350
Diethylphthalate	350	U	ug/kg	350	350	U	ug/kg	350	350	U	ug/kg	350	350	U	ug/kg	350
4-Chlorophenyl-phenylether	350	U	ug/kg	350	350	U	ug/kg	350	350	U	ug/kg	350	350	U	ug/kg	350
Fluorene	350	U	ug/kg	350	350	U	ug/kg	350	350	U	ug/kg	350	350	U	ug/kg	350
4-Nitroaniline	850	U	ug/kg	850	860	U	ug/kg	860	860	U	ug/kg	860	850	U	ug/kg	850
4,6-Dinitro-2-methylphenol	850	U	ug/kg	850	860	U	ug/kg	860	860	U	ug/kg	860	850	U	ug/kg	850
N-Nitrosodiphenylamine (1)	350	U	ug/kg	350	350	U	ug/kg	350	350	U	ug/kg	350	350	U	ug/kg	350
4-Bromophenyl-phenylether	350	U	ug/kg	350	350	U	ug/kg	350	350	U	ug/kg	350	350	U	ug/kg	350
Hexachlorobenzene	350	U	ug/kg	350	350	U	ug/kg	350	350	U	ug/kg	350	350	U	ug/kg	350
Pentachlorophenol	850	U	ug/kg	850	860	U	ug/kg	860	860	U	ug/kg	860	850	U	ug/kg	850
Phenanthrene	350	U	ug/kg	350	350	U	ug/kg	350	350	U	ug/kg	350	350	U	ug/kg	350
Anthracene	350	U	ug/kg	350	350	U	ug/kg	350	350	U	ug/kg	350	350	U	ug/kg	350
Carbazole	350	U	ug/kg	350	350	U	ug/kg	350	350	U	ug/kg	350	350	U	ug/kg	350
Di-n-butylphthalate	350	U	ug/kg	350	350	U	ug/kg	350	350	U	ug/kg	350	350	U	ug/kg	350
Fluoranthene	350	U	ug/kg	350	350	U	ug/kg	350	350	U	ug/kg	350	350	U	ug/kg	350
Pyrene	350	U	ug/kg	350	350	U	ug/kg	350	350	U	ug/kg	350	350	U	ug/kg	350
Butylbenzylphthalate	350	U	ug/kg	350	350	U	ug/kg	350	350	U	ug/kg	350	350	U	ug/kg	350

WHITING FIELD ANAL..ICAL RESULT REPORT
SEMIVOLITILES ----- VALIDATED RESULTS

Lab Sample Number:	34807015				34807016				34807017				34807018			
Site	WHITING				WHITING				WHITING				WHITING			
Locator	18SB1-5-7				18SB1-10-12				18SB2-5-7				18SB2-10-12			
Collect Date:	05-JAN-93				05-JAN-93				05-JAN-93				05-JAN-93			
	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL
3,3-Dichlorobenzidine	350	UJ	ug/kg	350	350	UJ	ug/kg	350	350	U	ug/kg	350	350	UJ	ug/kg	350
Benzo (a) anthracene	350	U	ug/kg	350	350	U	ug/kg	350	350	U	ug/kg	350	350	U	ug/kg	350
Chrysene	350	U	ug/kg	350	350	U	ug/kg	350	350	U	ug/kg	350	350	U	ug/kg	350
bis(2-Ethylhexyl) phthalate	350	U	ug/kg	350	350	U	ug/kg	350	350	U	ug/kg	350	350	U	ug/kg	350
Di-n-octylphthalate	350	U	ug/kg	350	350	U	ug/kg	350	350	U	ug/kg	350	350	U	ug/kg	350
Benzo (b) fluoranthene	350	U	ug/kg	350	350	U	ug/kg	350	350	U	ug/kg	350	350	U	ug/kg	350
Benzo (k) fluoranthene	350	U	ug/kg	350	350	U	ug/kg	350	350	U	ug/kg	350	350	U	ug/kg	350
Benzo (a) pyrene	350	U	ug/kg	350	350	U	ug/kg	350	350	U	ug/kg	350	350	U	ug/kg	350
Indeno (1,2,3-cd) pyrene	350	U	ug/kg	350	350	U	ug/kg	350	350	U	ug/kg	350	350	U	ug/kg	350
Dibenz (a,h) anthracene	350	U	ug/kg	350	350	U	ug/kg	350	350	U	ug/kg	350	350	U	ug/kg	350
Benzo (g,h,i) perylene	350	U	ug/kg	350	350	U	ug/kg	350	350	U	ug/kg	350	350	U	ug/kg	350

U = NOT DETECTED J = ESTIMATED VALUE
UJ = REPORTED QUANTITATION LIMIT IS QUALIFIED AS ESTIMATED
R = RESULT IS REJECTED AND UNUSABLE

WHITING FIELD ANAL..ICAL RESULT REPORT
SEMIVOLITILES ----- VALIDATED RESULTS

Lab Sample Number:	34807019				34807020				34815001				34815002			
Site	WHITING				WHITING				WHITING				WHITING			
Locator	18SB2-15-17				18SB2-20-22				18SB4-5-7				18SB4-10-12			
Collect Date:	05-JAN-93				05-JAN-93				06-JAN-93				06-JAN-93			
	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL
CLP SEMIVOLATILES 90-SOW																
Phenol	370	U	ug/kg	370	370	U	ug/kg	370	700	U	ug/kg	700	700	U	ug/kg	700
bis(2-Chloroethyl) ether	370	U	ug/kg	370	370	U	ug/kg	370	700	U	ug/kg	700	700	U	ug/kg	700
2-Chlorophenol	370	U	ug/kg	370	370	U	ug/kg	370	700	U	ug/kg	700	700	U	ug/kg	700
1,3-Dichlorobenzene	370	U	ug/kg	370	370	U	ug/kg	370	700	U	ug/kg	700	700	U	ug/kg	700
1,4-Dichlorobenzene	370	U	ug/kg	370	370	U	ug/kg	370	700	U	ug/kg	700	700	U	ug/kg	700
1,2-Dichlorobenzene	370	U	ug/kg	370	370	U	ug/kg	370	700	U	ug/kg	700	700	U	ug/kg	700
2-Methylphenol	370	U	ug/kg	370	370	U	ug/kg	370	700	U	ug/kg	700	700	U	ug/kg	700
2,2-oxybis(1-Chloropropane)	370	U	ug/kg	370	370	U	ug/kg	370	700	U	ug/kg	700	700	U	ug/kg	700
4-Methylphenol	370	U	ug/kg	370	370	U	ug/kg	370	700	U	ug/kg	700	700	U	ug/kg	700
N-Nitroso-di-n-propylamine	370	U	ug/kg	370	370	U	ug/kg	370	700	U	ug/kg	700	700	U	ug/kg	700
Hexachloroethane	370	U	ug/kg	370	370	U	ug/kg	370	700	U	ug/kg	700	700	U	ug/kg	700
Nitrobenzene	370	U	ug/kg	370	370	U	ug/kg	370	700	UJ	ug/kg	700	700	UJ	ug/kg	700
Isophorone	370	U	ug/kg	370	370	U	ug/kg	370	700	UJ	ug/kg	700	700	UJ	ug/kg	700
2-Nitrophenol	370	U	ug/kg	370	370	U	ug/kg	370	700	U	ug/kg	700	700	U	ug/kg	700
2,4-Dimethylphenol	370	U	ug/kg	370	370	U	ug/kg	370	700	U	ug/kg	700	700	U	ug/kg	700
bis(2-Chloroethoxy) methane	370	U	ug/kg	370	370	U	ug/kg	370	700	U	ug/kg	700	700	U	ug/kg	700
2,4-Dichlorophenol	370	U	ug/kg	370	370	U	ug/kg	370	700	U	ug/kg	700	700	U	ug/kg	700
1,2,4-Trichlorobenzene	370	U	ug/kg	370	370	U	ug/kg	370	700	U	ug/kg	700	700	U	ug/kg	700
Naphthalene	370	U	ug/kg	370	370	U	ug/kg	370	700	U	ug/kg	700	720		ug/kg	700
4-Chloroaniline	370	UJ	ug/kg	370	370	U	ug/kg	370	700	U	ug/kg	700	700	U	ug/kg	700
Hexachlorobutadiene	370	U	ug/kg	370	370	U	ug/kg	370	700	U	ug/kg	700	700	U	ug/kg	700
4-Chloro-3-methylphenol	370	U	ug/kg	370	370	U	ug/kg	370	700	U	ug/kg	700	700	U	ug/kg	700
2-Methylnaphthalene	370	U	ug/kg	370	370	U	ug/kg	370	970		ug/kg	700	1700		ug/kg	700
Hexachlorocyclopentadiene	370	U	ug/kg	370	370	U	ug/kg	370	700	U	ug/kg	700	700	U	ug/kg	700
2,4,6-Trichlorophenol	370	U	ug/kg	370	370	U	ug/kg	370	700	U	ug/kg	700	700	U	ug/kg	700
2,4,5-Trichlorophenol	890	U	ug/kg	890	890	U	ug/kg	890	1700	U	ug/kg	1700	1700	U	ug/kg	1700
2-Chloronaphthalene	370	U	ug/kg	370	370	U	ug/kg	370	700	U	ug/kg	700	700	U	ug/kg	700
2-Nitroaniline	890	U	ug/kg	890	890	U	ug/kg	890	1700	U	ug/kg	1700	1700	U	ug/kg	1700
Dimethylphthalate	370	U	ug/kg	370	370	U	ug/kg	370	700	U	ug/kg	700	700	U	ug/kg	700
Acenaphthylene	370	U	ug/kg	370	370	U	ug/kg	370	700	U	ug/kg	700	700	U	ug/kg	700
2,6-Dinitrotoluene	370	U	ug/kg	370	370	U	ug/kg	370	700	U	ug/kg	700	700	U	ug/kg	700
3-Nitroaniline	890	U	ug/kg	890	890	U	ug/kg	890	1700	U	ug/kg	1700	1700	U	ug/kg	1700
Acenaphthene	370	U	ug/kg	370	370	U	ug/kg	370	700	U	ug/kg	700	700	U	ug/kg	700
2,4-Dinitrophenol	890	U	ug/kg	890	890	U	ug/kg	890	1700	U	ug/kg	1700	1700	U	ug/kg	1700
4-Nitrophenol	890	U	ug/kg	890	890	U	ug/kg	890	1700	U	ug/kg	1700	1700	U	ug/kg	1700
Dibenzofuran	370	U	ug/kg	370	370	U	ug/kg	370	700	U	ug/kg	700	700	U	ug/kg	700
2,4-Dinitrotoluene	370	U	ug/kg	370	370	U	ug/kg	370	700	U	ug/kg	700	700	U	ug/kg	700
Diethylphthalate	370	U	ug/kg	370	370	U	ug/kg	370	700	U	ug/kg	700	700	U	ug/kg	700
4-Chlorophenyl-phenylether	370	U	ug/kg	370	370	U	ug/kg	370	700	U	ug/kg	700	700	U	ug/kg	700
Fluorene	370	U	ug/kg	370	370	U	ug/kg	370	700	U	ug/kg	700	79	J	ug/kg	700
4-Nitroaniline	890	U	ug/kg	890	890	U	ug/kg	890	1700	U	ug/kg	1700	1700	U	ug/kg	1700
4,6-Dinitro-2-methylphenol	890	U	ug/kg	890	890	U	ug/kg	890	1700	U	ug/kg	1700	1700	U	ug/kg	1700
N-Nitrosodiphenylamine (1)	370	U	ug/kg	370	370	U	ug/kg	370	700	U	ug/kg	700	700	U	ug/kg	700
4-Bromophenyl-phenylether	370	U	ug/kg	370	370	U	ug/kg	370	700	U	ug/kg	700	700	U	ug/kg	700
Hexachlorobenzene	370	U	ug/kg	370	370	U	ug/kg	370	700	U	ug/kg	700	700	U	ug/kg	700
Pentachlorophenol	890	U	ug/kg	890	890	U	ug/kg	890	1700	U	ug/kg	1700	1700	U	ug/kg	1700
Phenanthrene	370	U	ug/kg	370	370	U	ug/kg	370	700	U	ug/kg	700	700	U	ug/kg	700
Anthracene	370	U	ug/kg	370	370	U	ug/kg	370	700	U	ug/kg	700	700	U	ug/kg	700
Carbazole	370	U	ug/kg	370	370	U	ug/kg	370	700	U	ug/kg	700	700	U	ug/kg	700
Di-n-butylphthalate	370	U	ug/kg	370	370	U	ug/kg	370	700	U	ug/kg	700	700	U	ug/kg	700
Fluoranthene	370	U	ug/kg	370	370	U	ug/kg	370	700	U	ug/kg	700	700	U	ug/kg	700
Pyrene	370	U	ug/kg	370	370	U	ug/kg	370	700	U	ug/kg	700	700	U	ug/kg	700

WHITING FIELD ANAL..ICAL RESULT REPORT
SEMIVOLITILES ----- VALIDATED RESULTS

Lab Sample Number:	34807019				34807020				34815001				34815002			
Site	WHITING				WHITING				WHITING				WHITING			
Locator	18SB2-15-17				18SB2-20-22				18SB4-5-7				18SB4-10-12			
Collect Date:	05-JAN-93				05-JAN-93				06-JAN-93				06-JAN-93			
	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL
Butylbenzylphthalate	370	U	ug/kg	370	370	U	ug/kg	370	700	UJ	ug/kg	700	700	UJ	ug/kg	700
3,3-Dichlorobenzidine	370	UJ	ug/kg	370	370	UJ	ug/kg	370	700	U	ug/kg	700	700	U	ug/kg	700
Benzo (a) anthracene	370	U	ug/kg	370	370	U	ug/kg	370	700	U	ug/kg	700	700	U	ug/kg	700
Chrysene	370	U	ug/kg	370	370	U	ug/kg	370	700	U	ug/kg	700	700	U	ug/kg	700
bis(2-Ethylhexyl) phthalate	370	U	ug/kg	370	370	U	ug/kg	370	700	UJ	ug/kg	700	700	UJ	ug/kg	700
Di-n-octylphthalate	370	U	ug/kg	370	370	U	ug/kg	370	700	UJ	ug/kg	700	700	UJ	ug/kg	700
Benzo (b) fluoranthene	370	U	ug/kg	370	370	U	ug/kg	370	700	U	ug/kg	700	700	U	ug/kg	700
Benzo (k) fluoranthene	370	U	ug/kg	370	370	U	ug/kg	370	700	U	ug/kg	700	700	U	ug/kg	700
Benzo (a) pyrene	370	U	ug/kg	370	370	U	ug/kg	370	700	U	ug/kg	700	700	U	ug/kg	700
Indeno (1,2,3-cd) pyrene	370	U	ug/kg	370	370	U	ug/kg	370	700	U	ug/kg	700	700	U	ug/kg	700
Dibenz (a,h) anthracene	370	U	ug/kg	370	370	U	ug/kg	370	700	U	ug/kg	700	700	U	ug/kg	700
Benzo (g,h,i) perylene	370	U	ug/kg	370	370	U	ug/kg	370	700	U	ug/kg	700	700	U	ug/kg	700

U = NOT DETECTED J = ESTIMATED VALUE
UJ= ..PORTED QUANTITATION LIMIT IS QUALIFIED AS ESTIMATED
P ..ULT IS REJECTED AND UNUSABLE

WHITING FIELD ANAL..ICAL RESULT REPORT
SEMIVOLITILES ----- VALIDATED RESULTS

Lab Sample Number:	34815003				34815004				34815022MS				34815023MS			
Site	WHITING				WHITING				WHITING				WHITING			
Locator	18SB4-15-17				18SB4-25-27				18SB4-25-27MS				18SB4-25-27MSD			
Collect Date:	06-JAN-93				06-JAN-93				06-JAN-93				06-JAN-93			
	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL
CLP SEMIVOLATILES 90-SOW																
Phenol	690	U	ug/kg	690	360	U	ug/kg	360	360	U	ug/kg	360	360	U	ug/kg	360
bis(2-Chloroethyl) ether	690	U	ug/kg	690	360	U	ug/kg	360	360	U	ug/kg	360	360	U	ug/kg	360
2-Chlorophenol	690	U	ug/kg	690	360	U	ug/kg	360	360	U	ug/kg	360	360	U	ug/kg	360
1,3-Dichlorobenzene	690	U	ug/kg	690	360	U	ug/kg	360	360	U	ug/kg	360	360	U	ug/kg	360
1,4-Dichlorobenzene	690	U	ug/kg	690	360	U	ug/kg	360	360	U	ug/kg	360	360	U	ug/kg	360
1,2-Dichlorobenzene	690	U	ug/kg	690	360	U	ug/kg	360	360	U	ug/kg	360	360	U	ug/kg	360
2-Methylphenol	690	U	ug/kg	690	360	U	ug/kg	360	360	U	ug/kg	360	360	U	ug/kg	360
2,2-oxybis(1-Chloropropane)	690	U	ug/kg	690	360	U	ug/kg	360	360	U	ug/kg	360	360	U	ug/kg	360
4-Methylphenol	690	U	ug/kg	690	360	U	ug/kg	360	360	U	ug/kg	360	360	U	ug/kg	360
N-Nitroso-di-n-propylamine	690	U	ug/kg	690	360	U	ug/kg	360	360	U	ug/kg	360	360	U	ug/kg	360
Hexachloroethane	690	U	ug/kg	690	360	U	ug/kg	360	360	U	ug/kg	360	360	U	ug/kg	360
Nitrobenzene	690	UJ	ug/kg	690	360	UJ	ug/kg	360	360	U	ug/kg	360	360	U	ug/kg	360
Isophorone	690	UJ	ug/kg	690	360	U	ug/kg	360	360	U	ug/kg	360	360	U	ug/kg	360
2-Nitrophenol	690	U	ug/kg	690	360	U	ug/kg	360	360	U	ug/kg	360	360	U	ug/kg	360
2,4-Dimethylphenol	690	U	ug/kg	690	360	U	ug/kg	360	360	U	ug/kg	360	360	U	ug/kg	360
bis(2-Chloroethoxy) methane	690	U	ug/kg	690	360	U	ug/kg	360	360	U	ug/kg	360	360	U	ug/kg	360
2,4-Dichlorophenol	690	U	ug/kg	690	360	U	ug/kg	360	360	U	ug/kg	360	360	U	ug/kg	360
1,2,4-Trichlorobenzene	690	U	ug/kg	690	360	U	ug/kg	360	360	U	ug/kg	360	360	U	ug/kg	360
Naphthalene	1100		ug/kg	690	360	U	ug/kg	360	360	U	ug/kg	360	360	U	ug/kg	360
4-Chloroaniline	690	U	ug/kg	690	360	UJ	ug/kg	360	360	U	ug/kg	360	360	U	ug/kg	360
Hexachlorobutadiene	690	U	ug/kg	690	360	U	ug/kg	360	360	U	ug/kg	360	360	U	ug/kg	360
4-Chloro-3-methylphenol	690	U	ug/kg	690	360	U	ug/kg	360	360	U	ug/kg	360	360	U	ug/kg	360
2-Methylnaphthalene	3100		ug/kg	690	360	U	ug/kg	360	360	U	ug/kg	360	360	U	ug/kg	360
Hexachlorocyclopentadiene	690	U	ug/kg	690	360	U	ug/kg	360	360	U	ug/kg	360	360	U	ug/kg	360
2,4,6-Trichlorophenol	690	U	ug/kg	690	360	U	ug/kg	360	360	U	ug/kg	360	360	U	ug/kg	360
2,4,5-Trichlorophenol	1700	U	ug/kg	1700	880	U	ug/kg	880	880	U	ug/kg	880	880	U	ug/kg	880
2-Chloronaphthalene	690	U	ug/kg	690	360	U	ug/kg	360	360	U	ug/kg	360	360	U	ug/kg	360
2-Nitroaniline	1700	U	ug/kg	1700	880	U	ug/kg	880	880	U	ug/kg	880	880	U	ug/kg	880
Dimethylphthalate	690	U	ug/kg	690	360	U	ug/kg	360	360	U	ug/kg	360	360	U	ug/kg	360
Acenaphthylene	690	U	ug/kg	690	360	U	ug/kg	360	360	U	ug/kg	360	360	U	ug/kg	360
2,6-Dinitrotoluene	690	U	ug/kg	690	360	U	ug/kg	360	360	U	ug/kg	360	360	U	ug/kg	360
3-Nitroaniline	1700	U	ug/kg	1700	880	U	ug/kg	880	880	U	ug/kg	880	880	U	ug/kg	880
Acenaphthene	690	U	ug/kg	690	360	U	ug/kg	360	360	U	ug/kg	360	360	U	ug/kg	360
2,4-Dinitrophenol	1700	U	ug/kg	1700	880	UJ	ug/kg	880	880	U	ug/kg	880	880	U	ug/kg	880
4-Nitrophenol	1700	U	ug/kg	1700	880	U	ug/kg	880	880	U	ug/kg	880	880	U	ug/kg	880
Dibenzofuran	690	U	ug/kg	690	360	U	ug/kg	360	360	U	ug/kg	360	360	U	ug/kg	360
2,4-Dinitrotoluene	690	U	ug/kg	690	360	U	ug/kg	360	360	U	ug/kg	360	360	U	ug/kg	360
Diethylphthalate	690	U	ug/kg	690	360	U	ug/kg	360	360	U	ug/kg	360	360	U	ug/kg	360
4-Chlorophenyl-phenylether	690	U	ug/kg	690	360	U	ug/kg	360	360	U	ug/kg	360	360	U	ug/kg	360
Fluorene	690	U	ug/kg	690	360	U	ug/kg	360	360	U	ug/kg	360	360	U	ug/kg	360
4-Nitroaniline	1700	U	ug/kg	1700	880	UJ	ug/kg	880	880	U	ug/kg	880	880	U	ug/kg	880
4,6-Dinitro-2-methylphenol	1700	U	ug/kg	1700	880	U	ug/kg	880	880	U	ug/kg	880	880	U	ug/kg	880
N-Nitrosodiphenylamine (1)	690	U	ug/kg	690	360	U	ug/kg	360	360	U	ug/kg	360	360	U	ug/kg	360
4-Bromophenyl-phenylether	690	U	ug/kg	690	360	U	ug/kg	360	360	U	ug/kg	360	360	U	ug/kg	360
Hexachlorobenzene	690	U	ug/kg	690	360	U	ug/kg	360	360	U	ug/kg	360	360	U	ug/kg	360
Pentachlorophenol	1700	U	ug/kg	1700	880	U	ug/kg	880	880	U	ug/kg	880	880	U	ug/kg	880
Phenanthrene	690	U	ug/kg	690	360	U	ug/kg	360	360	U	ug/kg	360	360	U	ug/kg	360
Anthracene	690	U	ug/kg	690	360	U	ug/kg	360	360	U	ug/kg	360	360	U	ug/kg	360
Carbazole	690	U	ug/kg	690	360	U	ug/kg	360	360	U	ug/kg	360	360	U	ug/kg	360
Di-n-butylphthalate	690	U	ug/kg	690	360	U	ug/kg	360	360	U	ug/kg	360	360	U	ug/kg	360
Fluoranthene	690	U	ug/kg	690	360	U	ug/kg	360	360	U	ug/kg	360	360	U	ug/kg	360
Pyrene	690	U	ug/kg	690	360	U	ug/kg	360	360	U	ug/kg	360	360	U	ug/kg	360

WHITING FIELD ANAL..ICAL RESULT REPORT
SEMIVOLITILES ----- VALIDATED RESULTS

Lab Sample Number:	34815003				34815004				34815022MS				34815023MS			
Site	WHITING				WHITING				WHITING				WHITING			
Locator	18SB4-15-17				18SB4-25-27				18SB4-25-27MS				18SB4-25-27MSD			
Collect Date:	06-JAN-93				06-JAN-93				06-JAN-93				06-JAN-93			
	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL
Butylbenzylphthalate	690	UJ	ug/kg	690	360	UJ	ug/kg	360	360	U	ug/kg	360	360	U	ug/kg	360
3,3-Dichlorobenzidine	690	U	ug/kg	690	360	UJ	ug/kg	360	360	U	ug/kg	360	360	U	ug/kg	360
Benzo (a) anthracene	690	U	ug/kg	690	360	U	ug/kg	360	360	U	ug/kg	360	360	U	ug/kg	360
Chrysene	690	U	ug/kg	690	360	U	ug/kg	360	360	U	ug/kg	360	360	U	ug/kg	360
bis(2-Ethylhexyl) phthalate	690	UJ	ug/kg	690	360	UJ	ug/kg	360	360	U	ug/kg	360	360	U	ug/kg	360
Di-n-octylphthalate	690	UJ	ug/kg	690	360	UJ	ug/kg	360	360	U	ug/kg	360	360	U	ug/kg	360
Benzo (b) fluoranthene	690	U	ug/kg	690	360	U	ug/kg	360	360	U	ug/kg	360	360	U	ug/kg	360
Benzo (k) fluoranthene	690	U	ug/kg	690	360	U	ug/kg	360	360	U	ug/kg	360	360	U	ug/kg	360
Benzo (a) pyrene	690	U	ug/kg	690	360	U	ug/kg	360	360	U	ug/kg	360	360	U	ug/kg	360
Indeno (1,2,3-cd) pyrene	690	U	ug/kg	690	360	U	ug/kg	360	360	U	ug/kg	360	360	U	ug/kg	360
Dibenz (a,h) anthracene	690	U	ug/kg	690	360	U	ug/kg	360	360	U	ug/kg	360	360	U	ug/kg	360
Benzo (g,h,i) perylene	690	U	ug/kg	690	360	U	ug/kg	360	360	U	ug/kg	360	360	U	ug/kg	360

U = NOT DETECTED J = ESTIMATED VALUE
UJ= [illegible]ORTED QUANTITATION LIMIT IS QUALIFIED AS ESTIMATED
R [illegible]ULT IS REJECTED AND UNUSABLE

WHITING FIELD ANAL..ICAL RESULT REPORT
SEMIVOLITILES ----- VALIDATED RESULTS

Lab Sample Number:	34815005				34815006				34807001				34807002			
Site	WHITING				WHITING				WHITING				WHITING			
Locator	18SB4-35-37				18SB4-40-42				18SB6-5-7				18SB6-10-12			
Collect Date:	06-JAN-93				06-JAN-93				05-JAN-93				05-JAN-93			
	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL
CLP SEMIVOLATILES 90-SOW																
Phenol	350	U	ug/kg	350	440	U	ug/kg	440	360	U	ug/kg	360	7200	UJ	ug/kg	7200
bis(2-Chloroethyl) ether	350	U	ug/kg	350	440	U	ug/kg	440	360	U	ug/kg	360	7200	UJ	ug/kg	7200
2-Chlorophenol	350	U	ug/kg	350	440	U	ug/kg	440	360	U	ug/kg	360	7200	UJ	ug/kg	7200
1,3-Dichlorobenzene	350	U	ug/kg	350	440	U	ug/kg	440	360	U	ug/kg	360	7200	UJ	ug/kg	7200
1,4-Dichlorobenzene	350	U	ug/kg	350	440	U	ug/kg	440	360	U	ug/kg	360	7200	UJ	ug/kg	7200
1,2-Dichlorobenzene	350	U	ug/kg	350	440	U	ug/kg	440	360	U	ug/kg	360	7200	UJ	ug/kg	7200
2-Methylphenol	350	U	ug/kg	350	440	U	ug/kg	440	360	U	ug/kg	360	7200	UJ	ug/kg	7200
2,2-oxybis(1-Chloropropane)	350	U	ug/kg	350	440	U	ug/kg	440	360	U	ug/kg	360	7200	UJ	ug/kg	7200
4-Methylphenol	350	U	ug/kg	350	440	U	ug/kg	440	110	J	ug/kg	360	7200	UJ	ug/kg	7200
N-Nitroso-di-n-propylamine	350	U	ug/kg	350	440	U	ug/kg	440	360	U	ug/kg	360	7200	UJ	ug/kg	7200
Hexachloroethane	350	U	ug/kg	350	440	U	ug/kg	440	360	U	ug/kg	360	7200	UJ	ug/kg	7200
Nitrobenzene	350	UJ	ug/kg	350	440	UJ	ug/kg	440	360	U	ug/kg	360	7200	UJ	ug/kg	7200
Isophorone	350	U	ug/kg	350	440	U	ug/kg	440	360	U	ug/kg	360	7200	UJ	ug/kg	7200
2-Nitrophenol	350	U	ug/kg	350	440	U	ug/kg	440	360	U	ug/kg	360	7200	UJ	ug/kg	7200
2,4-Dimethylphenol	350	U	ug/kg	350	440	U	ug/kg	440	360	U	ug/kg	360	7200	UJ	ug/kg	7200
bis(2-Chloroethoxy) methane	350	U	ug/kg	350	440	U	ug/kg	440	360	U	ug/kg	360	7200	UJ	ug/kg	7200
2,4-Dichlorophenol	350	U	ug/kg	350	440	U	ug/kg	440	360	U	ug/kg	360	7200	UJ	ug/kg	7200
1,2,4-Trichlorobenzene	350	U	ug/kg	350	440	U	ug/kg	440	360	U	ug/kg	360	7200	UJ	ug/kg	7200
Naphthalene	350	U	ug/kg	350	440	U	ug/kg	440	230	J	ug/kg	360	16000	J	ug/kg	7200
4-Chloroaniline	350	UJ	ug/kg	350	440	UJ	ug/kg	440	360	UJ	ug/kg	360	7200	UJ	ug/kg	7200
Hexachlorobutadiene	350	U	ug/kg	350	440	U	ug/kg	440	360	U	ug/kg	360	7200	UJ	ug/kg	7200
4-Chloro-3-methylphenol	350	U	ug/kg	350	440	U	ug/kg	440	360	U	ug/kg	360	7200	UJ	ug/kg	7200
2-Methylnaphthalene	350	U	ug/kg	350	440	U	ug/kg	440	830		ug/kg	360	37000	J	ug/kg	7200
Hexachlorocyclopentadiene	350	U	ug/kg	350	440	U	ug/kg	440	360	U	ug/kg	360	7200	UJ	ug/kg	7200
2,4,6-Trichlorophenol	350	U	ug/kg	350	440	U	ug/kg	440	360	U	ug/kg	360	7200	UJ	ug/kg	7200
2,4,5-Trichlorophenol	850	U	ug/kg	850	1100	U	ug/kg	1100	870	U	ug/kg	870	17000	UJ	ug/kg	17000
2-Chloronaphthalene	350	U	ug/kg	350	440	U	ug/kg	440	360	U	ug/kg	360	7200	UJ	ug/kg	7200
2-Nitroaniline	850	U	ug/kg	850	1100	U	ug/kg	1100	870	U	ug/kg	870	17000	UJ	ug/kg	17000
Dimethylphthalate	350	U	ug/kg	350	440	U	ug/kg	440	360	U	ug/kg	360	7200	UJ	ug/kg	7200
Acenaphthylene	350	U	ug/kg	350	440	U	ug/kg	440	360	U	ug/kg	360	7200	UJ	ug/kg	7200
2,6-Dinitrotoluene	350	U	ug/kg	350	440	U	ug/kg	440	360	U	ug/kg	360	7200	UJ	ug/kg	7200
3-Nitroaniline	850	U	ug/kg	850	1100	U	ug/kg	1100	870	U	ug/kg	870	17000	UJ	ug/kg	17000
Acenaphthene	350	U	ug/kg	350	440	U	ug/kg	440	360	U	ug/kg	360	7200	UJ	ug/kg	7200
2,4-Dinitrophenol	850	UJ	ug/kg	850	1100	UJ	ug/kg	1100	870	UJ	ug/kg	870	17000	UJ	ug/kg	17000
4-Nitrophenol	850	U	ug/kg	850	1100	UJ	ug/kg	1100	870	UJ	ug/kg	870	17000	UJ	ug/kg	17000
Dibenzofuran	350	U	ug/kg	350	440	U	ug/kg	440	360	U	ug/kg	360	7200	UJ	ug/kg	7200
2,4-Dinitrotoluene	350	U	ug/kg	350	440	U	ug/kg	440	360	U	ug/kg	360	7200	UJ	ug/kg	7200
Diethylphthalate	350	U	ug/kg	350	440	U	ug/kg	440	360	U	ug/kg	360	7200	UJ	ug/kg	7200
4-Chlorophenyl-phenylether	350	U	ug/kg	350	440	U	ug/kg	440	360	U	ug/kg	360	7200	UJ	ug/kg	7200
Fluorene	350	U	ug/kg	350	440	U	ug/kg	440	360	U	ug/kg	360	7200	UJ	ug/kg	7200
4-Nitroaniline	850	UJ	ug/kg	850	1100	UJ	ug/kg	1100	870	UJ	ug/kg	870	17000	UJ	ug/kg	17000
4,6-Dinitro-2-methylphenol	850	U	ug/kg	850	1100	U	ug/kg	1100	870	U	ug/kg	870	17000	UJ	ug/kg	17000
N-Nitrosodiphenylamine (1)	350	U	ug/kg	350	440	U	ug/kg	440	360	U	ug/kg	360	7200	UJ	ug/kg	7200
4-Bromophenyl-phenylether	350	U	ug/kg	350	440	U	ug/kg	440	360	U	ug/kg	360	7200	UJ	ug/kg	7200
Hexachlorobenzene	350	U	ug/kg	350	440	U	ug/kg	440	360	U	ug/kg	360	7200	UJ	ug/kg	7200
Pentachlorophenol	850	U	ug/kg	850	1100	U	ug/kg	1100	870	U	ug/kg	870	17000	UJ	ug/kg	17000
Phenanthrene	350	U	ug/kg	350	440	U	ug/kg	440	42	J	ug/kg	360	7200	UJ	ug/kg	7200
Anthracene	350	U	ug/kg	350	440	U	ug/kg	440	360	U	ug/kg	360	7200	UJ	ug/kg	7200
Carbazole	350	U	ug/kg	350	440	U	ug/kg	440	360	U	ug/kg	360	7200	UJ	ug/kg	7200
Di-n-butylphthalate	350	U	ug/kg	350	440	U	ug/kg	440	360	U	ug/kg	360	7200	UJ	ug/kg	7200
Fluoranthene	350	U	ug/kg	350	440	U	ug/kg	440	360	U	ug/kg	360	7200	UJ	ug/kg	7200
Pyrene	350	U	ug/kg	350	440	U	ug/kg	440	360	U	ug/kg	360	7200	UJ	ug/kg	7200

WHITING FIELD ANAL[illegible]ICAL RESULT REPORT
SEMIVOLITILES ----- VALIDATED RESULTS

Lab Sample Number:	34815005				34815006				34807001				34807002			
Site	WHITING				WHITING				WHITING				WHITING			
Locator	18SB4-35-37				18SB4-40-42				18SB6-5-7				18SB6-10-12			
Collect Date:	06-JAN-93				06-JAN-93				05-JAN-93				05-JAN-93			
	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL
Butylbenzylphthalate	350	UJ	ug/kg	350	440	UJ	ug/kg	440	360	UJ	ug/kg	360	7200	UJ	ug/kg	7200
3,3-Dichlorobenzidine	350	UJ	ug/kg	350	440	UJ	ug/kg	440	360	UJ	ug/kg	360	7200	UJ	ug/kg	7200
Benzo (a) anthracene	350	U	ug/kg	350	440	U	ug/kg	440	360	U	ug/kg	360	7200	UJ	ug/kg	7200
Chrysene	350	U	ug/kg	350	440	U	ug/kg	440	360	U	ug/kg	360	7200	UJ	ug/kg	7200
bis(2-Ethylhexyl) phthalate	350	UJ	ug/kg	350	440	UJ	ug/kg	440	360	UJ	ug/kg	360	7200	UJ	ug/kg	7200
Di-n-octylphthalate	350	UJ	ug/kg	350	440	UJ	ug/kg	440	360	UJ	ug/kg	360	7200	UJ	ug/kg	7200
Benzo (b) fluoranthene	350	U	ug/kg	350	440	U	ug/kg	440	360	U	ug/kg	360	7200	UJ	ug/kg	7200
Benzo (k) fluoranthene	350	U	ug/kg	350	440	U	ug/kg	440	360	U	ug/kg	360	7200	UJ	ug/kg	7200
Benzo (a) pyrene	350	U	ug/kg	350	440	U	ug/kg	440	360	U	ug/kg	360	7200	UJ	ug/kg	7200
Indeno (1,2,3-cd) pyrene	350	U	ug/kg	350	440	U	ug/kg	440	360	U	ug/kg	360	7200	UJ	ug/kg	7200
Dibenz (a,h) anthracene	350	U	ug/kg	350	440	U	ug/kg	440	360	U	ug/kg	360	7200	UJ	ug/kg	7200
Benzo (g,h,i) perylene	350	U	ug/kg	350	440	U	ug/kg	440	360	U	ug/kg	360	7200	U	ug/kg	7200

U = NOT DETECTED J = ESTIMATED VALUE
UJ= REPORTED QUANTITATION LIMIT IS QUALIFIED AS ESTIMATED
R [illegible]LT IS REJECTED AND UNUSABLE

WHITING FIELD ANALYTICAL RESULT REPORT
SEMIVOLITILES ----- VALIDATED RESULTS

Lab Sample Number:	34807003				34807004				34807005				34807007			
Site	WHITING				WHITING				WHITING				WHITING			
Locator	18SB6-10-12A				18SB6-15-17				18SB6-20-22				18SB7-5-7			
Collect Date:	05-JAN-93				05-JAN-93				05-JAN-93				05-JAN-93			
	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL
CLP SEMIVOLATILES 90-SOW																
Phenol	3500	UJ	ug/kg	3500	350	U	ug/kg	350	340	U	ug/kg	340	350	U	ug/kg	350
bis(2-Chloroethyl) ether	3500	UJ	ug/kg	3500	350	U	ug/kg	350	340	U	ug/kg	340	350	U	ug/kg	350
2-Chlorophenol	3500	UJ	ug/kg	3500	350	U	ug/kg	350	340	U	ug/kg	340	350	U	ug/kg	350
1,3-Dichlorobenzene	3500	UJ	ug/kg	3500	350	U	ug/kg	350	340	U	ug/kg	340	350	U	ug/kg	350
1,4-Dichlorobenzene	3500	UJ	ug/kg	3500	350	U	ug/kg	350	340	U	ug/kg	340	350	U	ug/kg	350
1,2-Dichlorobenzene	3500	UJ	ug/kg	3500	350	U	ug/kg	350	340	U	ug/kg	340	350	U	ug/kg	350
2-Methylphenol	3500	UJ	ug/kg	3500	350	U	ug/kg	350	340	U	ug/kg	340	350	U	ug/kg	350
2,2-oxybis(1-Chloropropane)	3500	UJ	ug/kg	3500	350	U	ug/kg	350	340	U	ug/kg	340	350	U	ug/kg	350
4-Methylphenol	3500	UJ	ug/kg	3500	350	U	ug/kg	350	340	U	ug/kg	340	350	U	ug/kg	350
N-Nitroso-di-n-propylamine	3500	UJ	ug/kg	3500	350	U	ug/kg	350	340	U	ug/kg	340	350	U	ug/kg	350
Hexachloroethane	3500	UJ	ug/kg	3500	350	U	ug/kg	350	340	U	ug/kg	340	350	U	ug/kg	350
Nitrobenzene	3500	UJ	ug/kg	3500	350	U	ug/kg	350	340	U	ug/kg	340	350	U	ug/kg	350
Isophorone	3500	UJ	ug/kg	3500	350	U	ug/kg	350	340	U	ug/kg	340	350	U	ug/kg	350
2-Nitrophenol	3500	UJ	ug/kg	3500	350	U	ug/kg	350	340	U	ug/kg	340	350	U	ug/kg	350
2,4-Dimethylphenol	3500	UJ	ug/kg	3500	350	U	ug/kg	350	340	U	ug/kg	340	350	U	ug/kg	350
bis(2-Chloroethoxy) methane	3500	UJ	ug/kg	3500	350	U	ug/kg	350	340	U	ug/kg	340	350	U	ug/kg	350
2,4-Dichlorophenol	3500	UJ	ug/kg	3500	350	U	ug/kg	350	340	U	ug/kg	340	350	U	ug/kg	350
1,2,4-Trichlorobenzene	3500	UJ	ug/kg	3500	350	U	ug/kg	350	340	U	ug/kg	340	350	U	ug/kg	350
Naphthalene	14000	J	ug/kg	3500	680		ug/kg	350	340	U	ug/kg	340	350	U	ug/kg	350
4-Chloroaniline	3500	UJ	ug/kg	3500	350	UJ	ug/kg	350	340	UJ	ug/kg	340	350	UJ	ug/kg	350
Hexachlorobutadiene	3500	UJ	ug/kg	3500	350	U	ug/kg	350	340	U	ug/kg	340	350	U	ug/kg	350
4-Chloro-3-methylphenol	3500	UJ	ug/kg	3500	350	U	ug/kg	350	340	U	ug/kg	340	350	U	ug/kg	350
2-Methylnaphthalene	29000	J	ug/kg	3500	350	U	ug/kg	350	340	U	ug/kg	340	350	U	ug/kg	350
Hexachlorocyclopentadiene	3500	UJ	ug/kg	3500	350	U	ug/kg	350	340	U	ug/kg	340	350	U	ug/kg	350
2,4,6-Trichlorophenol	3500	UJ	ug/kg	3500	350	U	ug/kg	350	340	U	ug/kg	340	350	U	ug/kg	350
2,4,5-Trichlorophenol	8600	UJ	ug/kg	8600	840	U	ug/kg	840	830	U	ug/kg	830	860	U	ug/kg	860
2-Chloronaphthalene	3500	UJ	ug/kg	3500	350	U	ug/kg	350	340	U	ug/kg	340	350	U	ug/kg	350
2-Nitroaniline	8600	UJ	ug/kg	8600	840	U	ug/kg	840	830	U	ug/kg	830	860	U	ug/kg	860
Dimethylphthalate	3500	UJ	ug/kg	3500	350	U	ug/kg	350	340	U	ug/kg	340	350	U	ug/kg	350
Acenaphthylene	3500	UJ	ug/kg	3500	350	U	ug/kg	350	340	U	ug/kg	340	350	U	ug/kg	350
2,6-Dinitrotoluene	3500	UJ	ug/kg	3500	350	U	ug/kg	350	340	U	ug/kg	340	350	U	ug/kg	350
3-Nitroaniline	8600	UJ	ug/kg	8600	840	U	ug/kg	840	830	U	ug/kg	830	860	U	ug/kg	860
Acenaphthene	3500	UJ	ug/kg	3500	350	U	ug/kg	350	340	U	ug/kg	340	350	U	ug/kg	350
2,4-Dinitrophenol	8600	UJ	ug/kg	8600	840	UJ	ug/kg	840	830	UJ	ug/kg	830	860	UJ	ug/kg	860
4-Nitrophenol	8600	UJ	ug/kg	8600	840	UJ	ug/kg	840	830	UJ	ug/kg	830	860	UJ	ug/kg	860
Dibenzofuran	850	J	ug/kg	3500	63	J	ug/kg	350	340	U	ug/kg	340	350	U	ug/kg	350
2,4-Dinitrotoluene	3500	UJ	ug/kg	3500	350	U	ug/kg	350	340	U	ug/kg	340	350	U	ug/kg	350
Diethylphthalate	3500	UJ	ug/kg	3500	350	U	ug/kg	350	340	U	ug/kg	340	350	U	ug/kg	350
4-Chlorophenyl-phenylether	3500	UJ	ug/kg	3500	350	U	ug/kg	350	340	U	ug/kg	340	350	U	ug/kg	350
Fluorene	570	J	ug/kg	3500	350	U	ug/kg	350	340	U	ug/kg	340	350	U	ug/kg	350
4-Nitroaniline	8600	UJ	ug/kg	8600	840	UJ	ug/kg	840	830	UJ	ug/kg	830	860	UJ	ug/kg	860
4,6-Dinitro-2-methylphenol	8600	UJ	ug/kg	8600	840	U	ug/kg	840	830	U	ug/kg	830	860	U	ug/kg	860
N-Nitrosodiphenylamine (1)	3500	UJ	ug/kg	3500	350	U	ug/kg	350	340	U	ug/kg	340	350	U	ug/kg	350
4-Bromophenyl-phenylether	3500	UJ	ug/kg	3500	350	U	ug/kg	350	340	U	ug/kg	340	350	U	ug/kg	350
Hexachlorobenzene	3500	UJ	ug/kg	3500	350	U	ug/kg	350	340	U	ug/kg	340	350	U	ug/kg	350
Pentachlorophenol	8600	UJ	ug/kg	8600	840	U	ug/kg	840	830	U	ug/kg	830	860	U	ug/kg	860
Phenanthrene	3500	UJ	ug/kg	3500	350	U	ug/kg	350	340	U	ug/kg	340	350	U	ug/kg	350
Anthracene	3500	UJ	ug/kg	3500	350	U	ug/kg	350	340	U	ug/kg	340	350	U	ug/kg	350
Carbazole	3500	UJ	ug/kg	3500	350	U	ug/kg	350	340	U	ug/kg	340	350	U	ug/kg	350
Di-n-butylphthalate	3500	UJ	ug/kg	3500	350	U	ug/kg	350	340	U	ug/kg	340	350	U	ug/kg	350
Fluoranthene	3500	UJ	ug/kg	3500	350	U	ug/kg	350	340	U	ug/kg	340	350	U	ug/kg	350
Pyrene	3500	UJ	ug/kg	3500	350	U	ug/kg	350	340	U	ug/kg	340	350	U	ug/kg	350

WHITING FIELD ANALYTICAL RESULT REPORT
SEMIVOLITILES ----- VALIDATED RESULTS

Lab Sample Number:	34807003				34807004				34807005				34807007			
Site	WHITING				WHITING				WHITING				WHITING			
Locator	18SB6-10-12A				18SB6-15-17				18SB6-20-22				18SB7-5-7			
Collect Date:	05-JAN-93				05-JAN-93				05-JAN-93				05-JAN-93			
	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL
Butylbenzylphthalate	3500	UJ	ug/kg	3500	350	UJ	ug/kg	350	340	UJ	ug/kg	340	350	UJ	ug/kg	350
3,3-Dichlorobenzidine	3500	UJ	ug/kg	3500	350	UJ	ug/kg	350	340	UJ	ug/kg	340	350	UJ	ug/kg	350
Benzo (a) anthracene	3500	UJ	ug/kg	3500	350	U	ug/kg	350	340	U	ug/kg	340	350	U	ug/kg	350
Chrysene	3500	UJ	ug/kg	3500	350	U	ug/kg	350	340	U	ug/kg	340	350	U	ug/kg	350
bis(2-Ethylhexyl) phthalate	3500	UJ	ug/kg	3500	350	UJ	ug/kg	350	340	UJ	ug/kg	340	350	UJ	ug/kg	350
Di-n-octylphthalate	3500	UJ	ug/kg	3500	350	UJ	ug/kg	350	340	UJ	ug/kg	340	350	UJ	ug/kg	350
Benzo (b) fluoranthene	3500	UJ	ug/kg	3500	350	U	ug/kg	350	340	U	ug/kg	340	350	U	ug/kg	350
Benzo (k) fluoranthene	3500	UJ	ug/kg	3500	350	U	ug/kg	350	340	U	ug/kg	340	350	U	ug/kg	350
Benzo (a) pyrene	3500	UJ	ug/kg	3500	350	U	ug/kg	350	340	U	ug/kg	340	350	U	ug/kg	350
Indeno (1,2,3-cd) pyrene	3500	UJ	ug/kg	3500	350	U	ug/kg	350	340	U	ug/kg	340	350	U	ug/kg	350
Dibenz (a,h) anthracene	3500	UJ	ug/kg	3500	350	U	ug/kg	350	340	U	ug/kg	340	350	U	ug/kg	350
Benzo (g,h,i) perylene	3500	U	ug/kg	3500	350	U	ug/kg	350	340	U	ug/kg	340	350	U	ug/kg	350

U = NOT DETECTED J = ESTIMATED VALUE
UJ= ORTED QUANTITATION LIMIT IS QUALIFIED AS ESTIMATED
R ULT IS REJECTED AND UNUSABLE

WHITING FIELD ANALYTICAL RESULT REPORT
SEMIVOLITILES ----- VALIDATED RESULTS

Lab Sample Number:	34807006				34797001				34797002				34797001MS			
Site	WHITING				WHITING				WHITING				WHITING			
Locator	18SB7-15-17				18SB8-5-7				18SB8-5-7A				18SB8-5-7MS			
Collect Date:	05-JAN-93				04-JAN-93				04-JAN-93				04-JAN-93			
	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL
CLP SEMIVOLATILES 90-SOW																
Phenol	360	U	ug/kg	360	89	J	ug/kg	370	100	J	ug/kg	370	370	U	ug/kg	370
bis(2-Chloroethyl) ether	360	U	ug/kg	360	370	U	ug/kg	370	370	U	ug/kg	370	370	U	ug/kg	370
2-Chlorophenol	360	U	ug/kg	360	370	U	ug/kg	370	370	U	ug/kg	370	370	U	ug/kg	370
1,3-Dichlorobenzene	360	U	ug/kg	360	370	U	ug/kg	370	370	U	ug/kg	370	370	U	ug/kg	370
1,4-Dichlorobenzene	360	U	ug/kg	360	370	U	ug/kg	370	370	U	ug/kg	370	370	U	ug/kg	370
1,2-Dichlorobenzene	360	U	ug/kg	360	370	U	ug/kg	370	370	U	ug/kg	370	370	U	ug/kg	370
2-Methylphenol	360	U	ug/kg	360	370	U	ug/kg	370	370	U	ug/kg	370	370	U	ug/kg	370
2,2-oxybis(1-Chloropropane)	360	U	ug/kg	360	370	U	ug/kg	370	370	U	ug/kg	370	370	U	ug/kg	370
4-Methylphenol	360	U	ug/kg	360	250	J	ug/kg	370	280	J	ug/kg	370	280	J	ug/kg	370
N-Nitroso-di-n-propylamine	360	U	ug/kg	360	370	U	ug/kg	370	370	U	ug/kg	370	370	U	ug/kg	370
Hexachloroethane	360	U	ug/kg	360	370	U	ug/kg	370	370	U	ug/kg	370	370	U	ug/kg	370
Nitrobenzene	360	U	ug/kg	360	370	U	ug/kg	370	370	U	ug/kg	370	370	U	ug/kg	370
Isophorone	360	U	ug/kg	360	370	U	ug/kg	370	370	U	ug/kg	370	370	U	ug/kg	370
2-Nitrophenol	360	U	ug/kg	360	370	U	ug/kg	370	370	U	ug/kg	370	370	U	ug/kg	370
2,4-Dimethylphenol	360	U	ug/kg	360	370	U	ug/kg	370	370	U	ug/kg	370	370	U	ug/kg	370
bis(2-Chloroethoxy) methane	360	U	ug/kg	360	370	U	ug/kg	370	370	U	ug/kg	370	370	U	ug/kg	370
2,4-Dichlorophenol	360	U	ug/kg	360	370	U	ug/kg	370	370	U	ug/kg	370	370	U	ug/kg	370
1,2,4-Trichlorobenzene	360	U	ug/kg	360	370	U	ug/kg	370	370	U	ug/kg	370	370	U	ug/kg	370
Naphthalene	360	U	ug/kg	360	370	U	ug/kg	370	370	U	ug/kg	370	370	U	ug/kg	370
4-Chloroaniline	360	UJ	ug/kg	360	370	U	ug/kg	370	370	U	ug/kg	370	370	U	ug/kg	370
Hexachlorobutadiene	360	U	ug/kg	360	370	U	ug/kg	370	370	U	ug/kg	370	370	U	ug/kg	370
4-Chloro-3-methylphenol	360	U	ug/kg	360	370	U	ug/kg	370	370	U	ug/kg	370	370	U	ug/kg	370
2-Methylnaphthalene	360	U	ug/kg	360	86	J	ug/kg	370	370	U	ug/kg	370	96	J	ug/kg	370
Hexachlorocyclopentadiene	360	U	ug/kg	360	370	U	ug/kg	370	370	U	ug/kg	370	370	U	ug/kg	370
2,4,6-Trichlorophenol	360	U	ug/kg	360	370	U	ug/kg	370	370	U	ug/kg	370	370	U	ug/kg	370
2,4,5-Trichlorophenol	870	U	ug/kg	870	890	U	ug/kg	890	890	U	ug/kg	890	890	U	ug/kg	890
2-Chloronaphthalene	360	U	ug/kg	360	370	U	ug/kg	370	370	U	ug/kg	370	370	U	ug/kg	370
2-Nitroaniline	870	U	ug/kg	870	890	U	ug/kg	890	890	U	ug/kg	890	890	U	ug/kg	890
Dimethylphthalate	360	U	ug/kg	360	370	U	ug/kg	370	370	U	ug/kg	370	370	U	ug/kg	370
Acenaphthylene	360	U	ug/kg	360	370	U	ug/kg	370	370	U	ug/kg	370	370	U	ug/kg	370
2,6-Dinitrotoluene	360	U	ug/kg	360	370	U	ug/kg	370	370	U	ug/kg	370	370	U	ug/kg	370
3-Nitroaniline	870	U	ug/kg	870	890	U	ug/kg	890	890	U	ug/kg	890	890	U	ug/kg	890
Acenaphthene	360	U	ug/kg	360	370	UJ	ug/kg	370	370	U	ug/kg	370	370	U	ug/kg	370
2,4-Dinitrophenol	870	UJ	ug/kg	870	890	UJ	ug/kg	890	890	UJ	ug/kg	890	890	U	ug/kg	890
4-Nitrophenol	870	UJ	ug/kg	870	890	U	ug/kg	890	890	UJ	ug/kg	890	890	U	ug/kg	890
Dibenzofuran	360	U	ug/kg	360	370	U	ug/kg	370	370	U	ug/kg	370	370	U	ug/kg	370
2,4-Dinitrotoluene	360	U	ug/kg	360	370	U	ug/kg	370	370	U	ug/kg	370	370	U	ug/kg	370
Diethylphthalate	360	U	ug/kg	360	370	U	ug/kg	370	370	U	ug/kg	370	370	U	ug/kg	370
4-Chlorophenyl-phenylether	360	U	ug/kg	360	370	U	ug/kg	370	370	U	ug/kg	370	370	U	ug/kg	370
Fluorene	360	U	ug/kg	360	370	U	ug/kg	370	370	U	ug/kg	370	370	U	ug/kg	370
4-Nitroaniline	870	UJ	ug/kg	870	890	UJ	ug/kg	890	890	UJ	ug/kg	890	890	U	ug/kg	890
4,6-Dinitro-2-methylphenol	870	U	ug/kg	870	890	U	ug/kg	890	890	U	ug/kg	890	890	U	ug/kg	890
N-Nitrosodiphenylamine (1)	360	U	ug/kg	360	370	U	ug/kg	370	370	U	ug/kg	370	370	U	ug/kg	370
4-Bromophenyl-phenylether	360	U	ug/kg	360	370	U	ug/kg	370	370	U	ug/kg	370	370	U	ug/kg	370
Hexachlorobenzene	360	U	ug/kg	360	370	U	ug/kg	370	370	U	ug/kg	370	370	U	ug/kg	370
Pentachlorophenol	870	U	ug/kg	870	890	U	ug/kg	890	890	U	ug/kg	890	890	U	ug/kg	890
Phenanthrene	360	U	ug/kg	360	370	U	ug/kg	370	370	U	ug/kg	370	370	U	ug/kg	370
Anthracene	360	U	ug/kg	360	370	U	ug/kg	370	370	U	ug/kg	370	370	U	ug/kg	370
Carbazole	360	U	ug/kg	360	370	U	ug/kg	370	370	U	ug/kg	370	370	U	ug/kg	370
Di-n-butylphthalate	360	U	ug/kg	360	370	U	ug/kg	370	370	U	ug/kg	370	370	U	ug/kg	370
Fluoranthene	360	U	ug/kg	360	370	U	ug/kg	370	370	U	ug/kg	370	370	U	ug/kg	370
Pyrene	360	U	ug/kg	360	370	U	ug/kg	370	370	U	ug/kg	370	370	U	ug/kg	370

WHITING FIELD ANAL[illegible]ICAL RESULT REPORT
SEMIVOLITILES ----- VALIDATED RESULTS

	Lab Sample Number:	34807006				34797001				34797002				34797001MS			
	Site	WHITING				WHITING				WHITING				WHITING			
	Locator	18SB7-15-17				18SB8-5-7				18SB8-5-7A				18SB8-5-7MS			
	Collect Date:	05-JAN-93				04-JAN-93				04-JAN-93				04-JAN-93			
		VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL
Butylbenzylphthalate		360	UJ	ug/kg	360	370	U	ug/kg	370	370	U	ug/kg	370	370	U	ug/kg	370
3,3-Dichlorobenzidine		360	UJ	ug/kg	360	370	U	ug/kg	370	370	U	ug/kg	370	370	U	ug/kg	370
Benzo (a) anthracene		360	U	ug/kg	360	370	U	ug/kg	370	370	U	ug/kg	370	370	U	ug/kg	370
Chrysene		360	U	ug/kg	360	370	U	ug/kg	370	370	U	ug/kg	370	370	U	ug/kg	370
bis(2-Ethylhexyl) phthalate		360	UJ	ug/kg	360	370	U	ug/kg	370	370	U	ug/kg	370	370	U	ug/kg	370
Di-n-octylphthalate		360	UJ	ug/kg	360	370	UJ	ug/kg	370	370	U	ug/kg	370	370	U	ug/kg	370
Benzo (b) fluoranthene		360	U	ug/kg	360	370	U	ug/kg	370	370	U	ug/kg	370	370	U	ug/kg	370
Benzo (k) fluoranthene		360	U	ug/kg	360	370	U	ug/kg	370	370	U	ug/kg	370	370	U	ug/kg	370
Benzo (a) pyrene		360	U	ug/kg	360	370	U	ug/kg	370	370	U	ug/kg	370	370	U	ug/kg	370
Indeno (1,2,3-cd) pyrene		360	U	ug/kg	360	370	U	ug/kg	370	370	U	ug/kg	370	370	U	ug/kg	370
Dibenz (a,h) anthracene		360	U	ug/kg	360	370	U	ug/kg	370	370	U	ug/kg	370	370	U	ug/kg	370
Benzo (g,h,i) perylene		360	U	ug/kg	360	370	U	ug/kg	370	370	U	ug/kg	370	370	U	ug/kg	370

U = NOT DETECTED J = ESTIMATED VALUE
UJ= [illegible]PORTED QUANTITATION LIMIT IS QUALIFIED AS ESTIMATED
R - [illegible]LT IS REJECTED AND UNUSABLE

WHITING FIELD ANALYTICAL RESULT REPORT
SEMIVOLITILES ----- VALIDATED RESULTS

Lab Sample Number:	34797001MS				34799002				34799003				34807013					
Site	WHITING				WHITING				WHITING				WHITING					
Locator	18SB8-5-7MSD				18SB8-10-12				18SB8-15-17				18SB9-5-7					
Collect Date:	04-JAN-93				04-JAN-93				04-JAN-93				05-JAN-93					
	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL		
CLP SEMIVOLATILES 90-SOW																		
Phenol	370	U	ug/kg	370	380	U	ug/kg	380	370	U	ug/kg	370	360	U	ug/kg	360		
bis(2-Chloroethyl) ether	370	U	ug/kg	370	380	U	ug/kg	380	370	U	ug/kg	370	360	U	ug/kg	360		
2-Chlorophenol	370	U	ug/kg	370	380	U	ug/kg	380	370	U	ug/kg	370	360	U	ug/kg	360		
1,3-Dichlorobenzene	370	U	ug/kg	370	380	U	ug/kg	380	370	U	ug/kg	370	360	U	ug/kg	360		
1,4-Dichlorobenzene	370	U	ug/kg	370	380	U	ug/kg	380	370	U	ug/kg	370	360	U	ug/kg	360		
1,2-Dichlorobenzene	370	U	ug/kg	370	380	U	ug/kg	380	370	U	ug/kg	370	360	U	ug/kg	360		
2-Methylphenol	370	U	ug/kg	370	380	U	ug/kg	380	370	U	ug/kg	370	360	U	ug/kg	360		
2,2-oxybis(1-Chloropropane)	370	U	ug/kg	370	380	U	ug/kg	380	370	U	ug/kg	370	360	U	ug/kg	360		
4-Methylphenol	280	J	ug/kg	370	380	U	ug/kg	380	370	U	ug/kg	370	360	U	ug/kg	360		
N-Nitroso-di-n-propylamine	370	U	ug/kg	370	380	U	ug/kg	380	370	U	ug/kg	370	360	U	ug/kg	360		
Hexachloroethane	370	U	ug/kg	370	380	U	ug/kg	380	370	U	ug/kg	370	360	U	ug/kg	360		
Nitrobenzene	370	U	ug/kg	370	380	U	ug/kg	380	370	U	ug/kg	370	360	U	ug/kg	360		
Isophorone	370	U	ug/kg	370	380	U	ug/kg	380	370	U	ug/kg	370	360	U	ug/kg	360		
2-Nitrophenol	370	U	ug/kg	370	380	U	ug/kg	380	370	U	ug/kg	370	360	U	ug/kg	360		
2,4-Dimethylphenol	370	U	ug/kg	370	380	U	ug/kg	380	370	U	ug/kg	370	360	U	ug/kg	360		
bis(2-Chloroethoxy) methane	370	U	ug/kg	370	380	U	ug/kg	380	370	U	ug/kg	370	360	U	ug/kg	360		
2,4-Dichlorophenol	370	U	ug/kg	370	380	U	ug/kg	380	370	U	ug/kg	370	360	U	ug/kg	360		
1,2,4-Trichlorobenzene	370	U	ug/kg	370	380	U	ug/kg	380	370	U	ug/kg	370	360	U	ug/kg	360		
Naphthalene	370	U	ug/kg	370	380	U	ug/kg	380	370	U	ug/kg	370	360	U	ug/kg	360		
4-Chloroaniline	370	U	ug/kg	370	380	U	ug/kg	380	370	U	ug/kg	370	360	U	ug/kg	360		
Hexachlorobutadiene	370	U	ug/kg	370	380	U	ug/kg	380	370	U	ug/kg	370	360	U	ug/kg	360		
4-Chloro-3-methylphenol	370	U	ug/kg	370	380	U	ug/kg	380	370	U	ug/kg	370	360	U	ug/kg	360		
2-Methylnaphthalene	89	J	ug/kg	370	910		ug/kg	380	170	J	ug/kg	370	360	U	ug/kg	360		
Hexachlorocyclopentadiene	370	U	ug/kg	370	380	U	ug/kg	380	370	U	ug/kg	370	360	U	ug/kg	360		
2,4,6-Trichlorophenol	370	U	ug/kg	370	380	U	ug/kg	380	370	U	ug/kg	370	360	U	ug/kg	360		
2,4,5-Trichlorophenol	890	U	ug/kg	890	920	U	ug/kg	920	890	U	ug/kg	890	880	U	ug/kg	880		
2-Chloronaphthalene	370	U	ug/kg	370	380	U	ug/kg	380	370	U	ug/kg	370	360	U	ug/kg	360		
2-Nitroaniline	890	U	ug/kg	890	920	U	ug/kg	920	890	U	ug/kg	890	880	U	ug/kg	880		
Dimethylphthalate	370	U	ug/kg	370	380	U	ug/kg	380	370	U	ug/kg	370	360	U	ug/kg	360		
Acenaphthylene	370	U	ug/kg	370	380	U	ug/kg	380	370	U	ug/kg	370	360	U	ug/kg	360		
2,6-Dinitrotoluene	370	U	ug/kg	370	380	U	ug/kg	380	370	U	ug/kg	370	360	U	ug/kg	360		
3-Nitroaniline	890	U	ug/kg	890	920	U	ug/kg	920	890	U	ug/kg	890	880	U	ug/kg	880		
Acenaphthene	370	U	ug/kg	370	380	U	ug/kg	380	370	U	ug/kg	370	360	U	ug/kg	360		
2,4-Dinitrophenol	890	U	ug/kg	890	920	U	ug/kg	920	890	U	ug/kg	890	880	U	ug/kg	880		
4-Nitrophenol	890	U	ug/kg	890	920	UJ	ug/kg	920	890	UJ	ug/kg	890	880	U	ug/kg	880		
Dibenzofuran	370	U	ug/kg	370	380	U	ug/kg	380	370	U	ug/kg	370	360	U	ug/kg	360		
2,4-Dinitrotoluene	370	U	ug/kg	370	380	U	ug/kg	380	370	U	ug/kg	370	360	U	ug/kg	360		
Diethylphthalate	370	U	ug/kg	370	380	U	ug/kg	380	370	U	ug/kg	370	360	U	ug/kg	360		
4-Chlorophenyl-phenylether	370	U	ug/kg	370	380	U	ug/kg	380	370	U	ug/kg	370	360	U	ug/kg	360		
Fluorene	370	U	ug/kg	370	56	J	ug/kg	380	370	U	ug/kg	370	360	U	ug/kg	360		
4-Nitroaniline	890	U	ug/kg	890	920	U	ug/kg	920	890	U	ug/kg	890	880	U	ug/kg	880		
4,6-Dinitro-2-methylphenol	890	U	ug/kg	890	920	U	ug/kg	920	890	U	ug/kg	890	880	U	ug/kg	880		
N-Nitrosodiphenylamine (1)	370	U	ug/kg	370	380	U	ug/kg	380	370	U	ug/kg	370	360	U	ug/kg	360		
4-Bromophenyl-phenylether	370	U	ug/kg	370	380	U	ug/kg	380	370	U	ug/kg	370	360	U	ug/kg	360		
Hexachlorobenzene	370	U	ug/kg	370	380	U	ug/kg	380	370	U	ug/kg	370	360	U	ug/kg	360		
Pentachlorophenol	890	U	ug/kg	890	920	U	ug/kg	920	890	U	ug/kg	890	880	U	ug/kg	880		
Phenanthrene	370	U	ug/kg	370	58	J	ug/kg	380	370	U	ug/kg	370	360	U	ug/kg	360		
Anthracene	370	U	ug/kg	370	380	U	ug/kg	380	370	U	ug/kg	370	360	U	ug/kg	360		
Carbazole	370	U	ug/kg	370	380	U	ug/kg	380	370	U	ug/kg	370	360	U	ug/kg	360		
Di-n-butylphthalate	370	U	ug/kg	370	380	U	ug/kg	380	370	U	ug/kg	370	360	U	ug/kg	360		
Fluoranthene	370	U	ug/kg	370	380	U	ug/kg	380	370	U	ug/kg	370	360	U	ug/kg	360		
Pyrene	370	U	ug/kg	370	380	U	ug/kg	380	370	U	ug/kg	370	360	U	ug/kg	360		

WHITING FIELD ANAL..ICAL RESULT REPORT
SEMIVOLITILES ----- VALIDATED RESULTS

	Lab Sample Number:	34797001MS				34799002				34799003				34807013			
	Site	WHITING				WHITING				WHITING				WHITING			
	Locator	18SB8-5-7MSD				18SB8-10-12				18SB8-15-17				18SB9-5-7			
	Collect Date:	04-JAN-93				04-JAN-93				04-JAN-93				05-JAN-93			
		VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL
Butylbenzylphthalate		370	U	ug/kg	370	380	UJ	ug/kg	380	370	UJ	ug/kg	370	360	U	ug/kg	360
3,3-Dichlorobenzidine		370	U	ug/kg	370	380	U	ug/kg	380	370	U	ug/kg	370	360	UJ	ug/kg	360
Benzo (a) anthracene		370	U	ug/kg	370	380	U	ug/kg	380	370	U	ug/kg	370	360	U	ug/kg	360
Chrysene		370	U	ug/kg	370	380	U	ug/kg	380	370	U	ug/kg	370	360	U	ug/kg	360
bis(2-Ethylhexyl) phthalate		370	U	ug/kg	370	380	U	ug/kg	380	370	U	ug/kg	370	360	UJ	ug/kg	360
Di-n-octylphthalate		370	U	ug/kg	370	380	UJ	ug/kg	380	370	UJ	ug/kg	370	360	U	ug/kg	360
Benzo (b) fluoranthene		370	U	ug/kg	370	380	U	ug/kg	380	370	U	ug/kg	370	360	U	ug/kg	360
Benzo (k) fluoranthene		370	U	ug/kg	370	380	U	ug/kg	380	370	U	ug/kg	370	360	U	ug/kg	360
Benzo (a) pyrene		370	U	ug/kg	370	380	U	ug/kg	380	370	U	ug/kg	370	360	U	ug/kg	360
Indeno (1,2,3-cd) pyrene		370	U	ug/kg	370	380	U	ug/kg	380	370	U	ug/kg	370	360	U	ug/kg	360
Dibenz (a,h) anthracene		370	U	ug/kg	370	380	U	ug/kg	380	370	U	ug/kg	370	360	U	ug/kg	360
Benzo (g,h,i) perylene		370	U	ug/kg	370	380	U	ug/kg	380	370	U	ug/kg	370	360	U	ug/kg	360

U = NOT DETECTED J = ESTIMATED VALUE
UJ- ...PORTED QUANTITATION LIMIT IS QUALIFIED AS ESTIMATED
P ...ULT IS REJECTED AND UNUSABLE

WHITING FIELD ANALYTICAL RESULT REPORT
SEMIVOLITILES ----- VALIDATED RESULTS

Lab Sample Number:	34807014				34799001			
Site	WHITING				WHITING			
Locator	18SB9-15-17				18SB10-5-7			
Collect Date:	05-JAN-93				04-JAN-93			
	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL
CLP SEMIVOLATILES 90-SOW								
Phenol	350	U	ug/kg	350	380	U	ug/kg	380
bis(2-Chloroethyl) ether	350	U	ug/kg	350	380	U	ug/kg	380
2-Chlorophenol	350	U	ug/kg	350	380	U	ug/kg	380
1,3-Dichlorobenzene	350	U	ug/kg	350	380	U	ug/kg	380
1,4-Dichlorobenzene	350	U	ug/kg	350	380	U	ug/kg	380
1,2-Dichlorobenzene	350	U	ug/kg	350	380	U	ug/kg	380
2-Methylphenol	350	U	ug/kg	350	380	U	ug/kg	380
2,2-oxybis(1-Chloropropane)	350	U	ug/kg	350	380	U	ug/kg	380
4-Methylphenol	350	U	ug/kg	350	380	U	ug/kg	380
N-Nitroso-di-n-propylamine	350	U	ug/kg	350	380	U	ug/kg	380
Hexachloroethane	350	U	ug/kg	350	380	U	ug/kg	380
Nitrobenzene	350	U	ug/kg	350	380	U	ug/kg	380
Isophorone	350	U	ug/kg	350	380	U	ug/kg	380
2-Nitrophenol	350	U	ug/kg	350	380	U	ug/kg	380
2,4-Dimethylphenol	350	U	ug/kg	350	380	U	ug/kg	380
bis(2-Chloroethoxy) methane	350	U	ug/kg	350	380	U	ug/kg	380
2,4-Dichlorophenol	350	U	ug/kg	350	380	U	ug/kg	380
1,2,4-Trichlorobenzene	350	U	ug/kg	350	380	U	ug/kg	380
Naphthalene	350	U	ug/kg	350	380	U	ug/kg	380
4-Chloroaniline	350	U	ug/kg	350	380	U	ug/kg	380
Hexachlorobutadiene	350	U	ug/kg	350	380	U	ug/kg	380
4-Chloro-3-methylphenol	350	U	ug/kg	350	380	U	ug/kg	380
2-Methylnaphthalene	350	U	ug/kg	350	380	U	ug/kg	380
Hexachlorocyclopentadiene	350	U	ug/kg	350	380	U	ug/kg	380
2,4,6-Trichlorophenol	350	U	ug/kg	350	380	U	ug/kg	380
2,4,5-Trichlorophenol	850	U	ug/kg	850	930	U	ug/kg	930
2-Chloronaphthalene	350	U	ug/kg	350	380	U	ug/kg	380
2-Nitroaniline	850	U	ug/kg	850	930	U	ug/kg	930
Dimethylphthalate	350	U	ug/kg	350	380	U	ug/kg	380
Acenaphthylene	350	U	ug/kg	350	380	U	ug/kg	380
2,6-Dinitrotoluene	350	U	ug/kg	350	380	U	ug/kg	380
3-Nitroaniline	850	U	ug/kg	850	930	U	ug/kg	930
Acenaphthene	350	U	ug/kg	350	380	U	ug/kg	380
2,4-Dinitrophenol	850	U	ug/kg	850	930	U	ug/kg	930
4-Nitrophenol	850	U	ug/kg	850	930	UJ	ug/kg	930
Dibenzofuran	350	U	ug/kg	350	380	U	ug/kg	380
2,4-Dinitrotoluene	350	U	ug/kg	350	380	U	ug/kg	380
Diethylphthalate	350	U	ug/kg	350	380	U	ug/kg	380
4-Chlorophenyl-phenylether	350	U	ug/kg	350	380	U	ug/kg	380
Fluorene	350	U	ug/kg	350	380	U	ug/kg	380
4-Nitroaniline	850	U	ug/kg	850	930	U	ug/kg	930
4,6-Dinitro-2-methylphenol	850	U	ug/kg	850	930	U	ug/kg	930
N-Nitrosodiphenylamine (1)	350	U	ug/kg	350	380	U	ug/kg	380
4-Bromophenyl-phenylether	350	U	ug/kg	350	380	U	ug/kg	380
Hexachlorobenzene	350	U	ug/kg	350	380	U	ug/kg	380
Pentachlorophenol	850	U	ug/kg	850	930	U	ug/kg	930
Phenanthrene	350	U	ug/kg	350	380	U	ug/kg	380
Anthracene	350	U	ug/kg	350	380	U	ug/kg	380
Carbazole	350	U	ug/kg	350	380	U	ug/kg	380
Di-n-butylphthalate	350	U	ug/kg	350	380	U	ug/kg	380
Fluoranthene	350	U	ug/kg	350	380	U	ug/kg	380
Pyrene	350	U	ug/kg	350	380	U	ug/kg	380

WHITING FIELD ANAL..ICAL RESULT REPORT
SEMIVOLITILES ----- VALIDATED RESULTS

Lab Sample Number:	34807014				34799001				
Site	WHITING				WHITING				
Locator	18SB9-15-17				18SB10-5-7				
Collect Date:	05-JAN-93				04-JAN-93				
	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	
Butylbenzylphthalate	350	U	ug/kg	350	380	UJ	ug/kg	380	
3,3-Dichlorobenzidine	350	UJ	ug/kg	350	380	U	ug/kg	380	
Benzo (a) anthracene	350	U	ug/kg	350	380	U	ug/kg	380	
Chrysene	350	U	ug/kg	350	380	U	ug/kg	380	
bis(2-Ethylhexyl) phthalate	350	UJ	ug/kg	350	380	U	ug/kg	380	
Di-n-octylphthalate	350	U	ug/kg	350	380	UJ	ug/kg	380	
Benzo (b) fluoranthene	350	U	ug/kg	350	380	U	ug/kg	380	
Benzo (k) fluoranthene	350	U	ug/kg	350	380	U	ug/kg	380	
Benzo (a) pyrene	350	U	ug/kg	350	380	U	ug/kg	380	
Indeno (1,2,3-cd) pyrene	350	U	ug/kg	350	380	U	ug/kg	380	
Dibenz (a,h) anthracene	350	U	ug/kg	350	380	U	ug/kg	380	
Benzo (g,h,i) perylene	350	U	ug/kg	350	380	U	ug/kg	380	

U = NOT DETECTED J = ESTIMATED VALUE
UJ= ...RTED QUANTITATION LIMIT IS QUALIFIED AS ESTIMATED
R ...LT IS REJECTED AND UNUSABLE

WHITING FIELD ANALYTICAL RESULT REPORT
PESTICIDES AND PCBs ----- VALIDATED RESULTS

Lab Sample Number:	34807015			34807016			34807017			34807018		
Site	WHITING			WHITING			WHITING			WHITING		
Locator	18SB1-5-7			18SB1-10-12			18SB2-5-7			18SB2-10-12		
Collect Date:	05-JAN-93			05-JAN-93			05-JAN-93			05-JAN-93		
	VALUE QUAL	UNITS	DL	VALUE QUAL	UNITS	DL	VALUE QUAL	UNITS	DL	VALUE QUAL	UNITS	DL
CLP PESTICIDES/PCBS 90-SOW												
alpha-BHC	1.8 UJ	ug/kg	1.8	1.8 UJ	ug/kg	1.8	1.8 UJ	ug/kg	1.8	1.8 UJ	ug/kg	1.8
beta-BHC	1.8 UJ	ug/kg	1.8	1.8 UJ	ug/kg	1.8	1.8 UJ	ug/kg	1.8	1.8 UJ	ug/kg	1.8
delta-BHC	1.8 UJ	ug/kg	1.8	1.8 UJ	ug/kg	1.8	1.8 UJ	ug/kg	1.8	1.8 UJ	ug/kg	1.8
gamma-BHC (Lindane)	1.8 UJ	ug/kg	1.8	1.8 UJ	ug/kg	1.8	1.8 UJ	ug/kg	1.8	1.8 UJ	ug/kg	1.8
Heptachlor	1.8 UJ	ug/kg	1.8	1.8 UJ	ug/kg	1.8	1.8 UJ	ug/kg	1.8	1.8 UJ	ug/kg	1.8
Aldrin	1.8 UJ	ug/kg	1.8	1.8 UJ	ug/kg	1.8	1.8 UJ	ug/kg	1.8	1.8 UJ	ug/kg	1.8
Heptachlor epoxide	1.8 UJ	ug/kg	1.8	1.8 UJ	ug/kg	1.8	1.8 UJ	ug/kg	1.8	1.8 UJ	ug/kg	1.8
Endosulfan I	1.8 UJ	ug/kg	1.8	1.8 UJ	ug/kg	1.8	1.8 UJ	ug/kg	1.8	1.8 UJ	ug/kg	1.8
Dieldrin	3.5 UJ	ug/kg	3.5	3.5 UJ	ug/kg	3.5	3.5 UJ	ug/kg	3.5	3.5 UJ	ug/kg	3.5
4,4-DDE	3.5 UJ	ug/kg	3.5	3.5 UJ	ug/kg	3.5	3.5 UJ	ug/kg	3.5	3.5 UJ	ug/kg	3.5
Endrin	3.5 UJ	ug/kg	3.5	3.5 UJ	ug/kg	3.5	3.5 UJ	ug/kg	3.5	3.5 UJ	ug/kg	3.5
Endosulfan II	3.5 UJ	ug/kg	3.5	3.5 UJ	ug/kg	3.5	3.5 UJ	ug/kg	3.5	3.5 UJ	ug/kg	3.5
4,4-DDD	4.1 J	ug/kg	4	3.5 UJ	ug/kg	3.5	3.5 UJ	ug/kg	3.5	3.5 UJ	ug/kg	3.5
Endosulfan sulfate	3.5 UJ	ug/kg	3.5	3.5 UJ	ug/kg	3.5	3.5 UJ	ug/kg	3.5	3.5 UJ	ug/kg	3.5
4,4-DDT	3.5 UJ	ug/kg	3.5	3.5 UJ	ug/kg	3.5	3.5 UJ	ug/kg	3.5	3.5 UJ	ug/kg	3.5
Methoxychlor	18 UJ	ug/kg	18	18 UJ	ug/kg	18	18 UJ	ug/kg	18	18 UJ	ug/kg	18
Endrin ketone	3.5 UJ	ug/kg	3.5	3.5 UJ	ug/kg	3.5	3.5 UJ	ug/kg	3.5	3.5 UJ	ug/kg	3.5
Endrin aldehyde	3.5 UJ	ug/kg	3.5	3.5 UJ	ug/kg	3.5	3.5 UJ	ug/kg	3.5	3.5 UJ	ug/kg	3.5
alpha-Chlordane	1.8 UJ	ug/kg	1.8	1.8 UJ	ug/kg	1.8	1.8 UJ	ug/kg	1.8	1.8 UJ	ug/kg	1.8
gamma-Chlordane	1.8 UJ	ug/kg	1.8	1.8 UJ	ug/kg	1.8	1.8 UJ	ug/kg	1.8	1.8 UJ	ug/kg	1.8
Toxaphene	180 UJ	ug/kg	180	180 UJ	ug/kg	180	180 UJ	ug/kg	180	180 UJ	ug/kg	180
Aroclor-1016	35 UJ	ug/kg	35	35 UJ	ug/kg	35	35 UJ	ug/kg	35	35 UJ	ug/kg	35
Aroclor-1221	71 UJ	ug/kg	71	72 UJ	ug/kg	72	72 UJ	ug/kg	72	71 UJ	ug/kg	71
Aroclor-1232	35 UJ	ug/kg	35	35 UJ	ug/kg	35	35 UJ	ug/kg	35	35 UJ	ug/kg	35
Aroclor-1242	35 UJ	ug/kg	35	35 UJ	ug/kg	35	35 UJ	ug/kg	35	35 UJ	ug/kg	35
Aroclor-1248	35 UJ	ug/kg	35	35 UJ	ug/kg	35	35 UJ	ug/kg	35	35 UJ	ug/kg	35
Aroclor-1254	35 UJ	ug/kg	35	35 UJ	ug/kg	35	35 UJ	ug/kg	35	35 UJ	ug/kg	35
Aroclor-1260	35 UJ	ug/kg	35	35 UJ	ug/kg	35	35 UJ	ug/kg	35	35 UJ	ug/kg	35

U = NOT DETECTED J = ESTIMATED VALUE
UJ= REPORTED QUANTITATION LIMIT IS QUALIFIED AS ESTIMATED
R = RESULT IS REJECTED AND UNUSABLE

WHITING FIELD ANAL...ICAL RESULT REPORT
PESTICIDES AND PCBs ----- VALIDATED RESULTS

	34807019				34807020				34815001				34815002			
Lab Sample Number:																
Site	WHITING				WHITING				WHITING				WHITING			
Locator	18SB2-15-17				18SB2-20-22				18SB4-5-7				18SB4-10-12			
Collect Date:	05-JAN-93				05-JAN-93				06-JAN-93				06-JAN-93			
	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL
CLP PESTICIDES/PCBS 90-SOW																
alpha-BHC	1.9	UJ	ug/kg	1.9	1.9	UJ	ug/kg	1.9	1.8	UJ	ug/kg	1.8	1.8	UJ	ug/kg	1.8
beta-BHC	1.9	UJ	ug/kg	1.9	1.9	UJ	ug/kg	1.9	1.8	UJ	ug/kg	1.8	1.8	UJ	ug/kg	1.8
delta-BHC	1.9	UJ	ug/kg	1.9	1.9	UJ	ug/kg	1.9	1.8	UJ	ug/kg	1.8	1.8	UJ	ug/kg	1.8
gamma-BHC (Lindane)	1.9	UJ	ug/kg	1.9	1.9	UJ	ug/kg	1.9	1.8	UJ	ug/kg	1.8	1.8	UJ	ug/kg	1.8
Heptachlor	1.9	UJ	ug/kg	1.9	1.9	UJ	ug/kg	1.9	1.8	UJ	ug/kg	1.8	1.8	UJ	ug/kg	1.8
Aldrin	1.9	UJ	ug/kg	1.9	1.9	UJ	ug/kg	1.9	1.8	UJ	ug/kg	1.8	1.8	UJ	ug/kg	1.8
Heptachlor epoxide	1.9	UJ	ug/kg	1.9	1.9	UJ	ug/kg	1.9	1.8	UJ	ug/kg	1.8	1.8	UJ	ug/kg	1.8
Endosulfan I	1.9	UJ	ug/kg	1.9	1.9	UJ	ug/kg	1.9	1.8	UJ	ug/kg	1.8	1.8	UJ	ug/kg	1.8
Dieldrin	3.7	UJ	ug/kg	3.7	3.7	UJ	ug/kg	3.7	3.5	UJ	ug/kg	3.5	3.5	UJ	ug/kg	3.5
4,4-DDE	3.7	UJ	ug/kg	3.7	3.7	UJ	ug/kg	3.7	3.5	UJ	ug/kg	3.5	3.5	UJ	ug/kg	3.5
Endrin	3.7	UJ	ug/kg	3.7	3.7	UJ	ug/kg	3.7	3.5	UJ	ug/kg	3.5	3.5	UJ	ug/kg	3.5
Endosulfan II	3.7	UJ	ug/kg	3.7	3.7	UJ	ug/kg	3.7	3.5	UJ	ug/kg	3.5	3.5	UJ	ug/kg	3.5
4,4-DDD	3.7	UJ	ug/kg	3.7	3.7	UJ	ug/kg	3.7	3.5	UJ	ug/kg	3.5	3.5	UJ	ug/kg	3.5
Endosulfan sulfate	3.7	UJ	ug/kg	3.7	3.7	UJ	ug/kg	3.7	3.5	UJ	ug/kg	3.5	3.5	UJ	ug/kg	3.5
4,4-DDT	3.7	UJ	ug/kg	3.7	3.7	UJ	ug/kg	3.7	3.5	UJ	ug/kg	3.5	3.5	UJ	ug/kg	3.5
Methoxychlor	19	UJ	ug/kg	19	19	UJ	ug/kg	19	18	UJ	ug/kg	18	18	UJ	ug/kg	18
Endrin ketone	3.7	UJ	ug/kg	3.7	3.7	UJ	ug/kg	3.7	3.5	UJ	ug/kg	3.5	3.5	UJ	ug/kg	3.5
Endrin aldehyde	3.7	UJ	ug/kg	3.7	3.7	UJ	ug/kg	3.7	3.5	UJ	ug/kg	3.5	3.5	UJ	ug/kg	3.5
alpha-Chlordane	1.9	UJ	ug/kg	1.9	1.9	UJ	ug/kg	1.9	1.8	UJ	ug/kg	1.8	1.8	UJ	ug/kg	1.8
gamma-Chlordane	1.9	UJ	ug/kg	1.9	1.9	UJ	ug/kg	1.9	1.8	UJ	ug/kg	1.8	1.8	UJ	ug/kg	1.8
Toxaphene	190	UJ	ug/kg	190	190	UJ	ug/kg	190	180	UJ	ug/kg	180	180	UJ	ug/kg	180
Aroclor-1016	37	UJ	ug/kg	37	37	UJ	ug/kg	37	35	UJ	ug/kg	35	35	UJ	ug/kg	35
Aroclor-1221	74	UJ	ug/kg	74	74	UJ	ug/kg	74	71	UJ	ug/kg	71	71	UJ	ug/kg	71
Aroclor-1232	37	UJ	ug/kg	37	37	UJ	ug/kg	37	35	UJ	ug/kg	35	35	UJ	ug/kg	35
Aroclor-1242	37	UJ	ug/kg	37	37	UJ	ug/kg	37	35	UJ	ug/kg	35	35	UJ	ug/kg	35
Aroclor-1248	37	UJ	ug/kg	37	37	UJ	ug/kg	37	35	UJ	ug/kg	35	35	UJ	ug/kg	35
Aroclor-1254	37	UJ	ug/kg	37	37	UJ	ug/kg	37	35	UJ	ug/kg	35	35	UJ	ug/kg	35
Aroclor-1260	37	UJ	ug/kg	37	37	UJ	ug/kg	37	35	UJ	ug/kg	35	35	UJ	ug/kg	35

U = NOT DETECTED J = ESTIMATED VALUE
UJ= REPORTED QUANTITATION LIMIT IS QUALIFIED AS ESTIMATED
R = ...LT IS REJECTED AND UNUSABLE

WHITING FIELD ANALYTICAL RESULT REPORT
PESTICIDES AND PCBs ----- VALIDATED RESULTS

Lab Sample Number:	34815003				34815004				34815005				34815005MS			
Site	WHITING				WHITING				WHITING				WHITING			
Locator	18SB4-15-17				18SB4-25-27				18SB4-35-37				18SB4-35-37MS			
Collect Date:	06-JAN-93				06-JAN-93				06-JAN-93				06-JAN-93			
	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL
CLP PESTICIDES/PCBS 90-SOW																
alpha-BHC	1.8	UJ	ug/kg	1.8	1.9	UJ	ug/kg	1.9	1.8	UJ	ug/kg	1.8	1.8	U	ug/kg	1.8
beta-BHC	1.8	UJ	ug/kg	1.8	1.9	UJ	ug/kg	1.9	1.8	UJ	ug/kg	1.8	1.8	U	ug/kg	1.8
delta-BHC	1.8	UJ	ug/kg	1.8	1.9	UJ	ug/kg	1.9	1.8	UJ	ug/kg	1.8	1.8	U	ug/kg	1.8
gamma-BHC (Lindane)	1.8	UJ	ug/kg	1.8	1.9	UJ	ug/kg	1.9	1.8	UJ	ug/kg	1.8	1.8	U	ug/kg	1.8
Heptachlor	1.8	UJ	ug/kg	1.8	1.9	UJ	ug/kg	1.9	1.8	UJ	ug/kg	1.8	1.8	U	ug/kg	1.8
Aldrin	1.8	UJ	ug/kg	1.8	1.9	UJ	ug/kg	1.9	1.8	UJ	ug/kg	1.8	1.8	U	ug/kg	1.8
Heptachlor epoxide	1.8	UJ	ug/kg	1.8	1.9	UJ	ug/kg	1.9	1.8	UJ	ug/kg	1.8	1.8	U	ug/kg	1.8
Endosulfan I	1.8	UJ	ug/kg	1.8	1.9	UJ	ug/kg	1.9	1.8	UJ	ug/kg	1.8	1.8	U	ug/kg	1.8
Dieldrin	3.5	UJ	ug/kg	3.5	3.6	UJ	ug/kg	3.6	3.5	UJ	ug/kg	3.5	3.5	U	ug/kg	3.5
4,4-DDE	3.5	UJ	ug/kg	3.5	3.6	UJ	ug/kg	3.6	3.5	UJ	ug/kg	3.5	3.5	U	ug/kg	3.5
Endrin	3.5	UJ	ug/kg	3.5	3.6	UJ	ug/kg	3.6	3.5	UJ	ug/kg	3.5	3.5	U	ug/kg	3.5
Endosulfan II	3.5	UJ	ug/kg	3.5	3.6	UJ	ug/kg	3.6	3.5	UJ	ug/kg	3.5	3.5	U	ug/kg	3.5
4,4-DDD	3.5	UJ	ug/kg	3.5	3.6	UJ	ug/kg	3.6	3.5	UJ	ug/kg	3.5	3.5	U	ug/kg	3.5
Endosulfan sulfate	3.5	UJ	ug/kg	3.5	3.6	UJ	ug/kg	3.6	3.5	UJ	ug/kg	3.5	3.5	U	ug/kg	3.5
4,4-DDT	3.5	UJ	ug/kg	3.5	3.6	UJ	ug/kg	3.6	3.5	UJ	ug/kg	3.5	3.5	U	ug/kg	3.5
Methoxychlor	18	UJ	ug/kg	18	19	UJ	ug/kg	19	18	UJ	ug/kg	18	18	U	ug/kg	18
Endrin ketone	3.5	UJ	ug/kg	3.5	3.6	UJ	ug/kg	3.6	3.5	UJ	ug/kg	3.5	3.5	U	ug/kg	3.5
Endrin aldehyde	3.5	UJ	ug/kg	3.5	3.6	UJ	ug/kg	3.6	3.5	UJ	ug/kg	3.5	3.5	U	ug/kg	3.5
alpha-Chlordane	1.8	UJ	ug/kg	1.8	1.9	UJ	ug/kg	1.9	1.8	UJ	ug/kg	1.8	1.8	U	ug/kg	1.8
gamma-Chlordane	1.8	UJ	ug/kg	1.8	1.9	UJ	ug/kg	1.9	1.8	UJ	ug/kg	1.8	1.8	U	ug/kg	1.8
Toxaphene	180	UJ	ug/kg	180	190	UJ	ug/kg	190	180	UJ	ug/kg	180	180	U	ug/kg	180
Aroclor-1016	35	UJ	ug/kg	35	36	UJ	ug/kg	36	35	UJ	ug/kg	35	35	U	ug/kg	35
Aroclor-1221	71	UJ	ug/kg	71	74	UJ	ug/kg	74	71	UJ	ug/kg	71	71	U	ug/kg	71
Aroclor-1232	35	UJ	ug/kg	35	36	UJ	ug/kg	36	35	UJ	ug/kg	35	35	U	ug/kg	35
Aroclor-1242	35	UJ	ug/kg	35	36	UJ	ug/kg	36	35	UJ	ug/kg	35	35	U	ug/kg	35
Aroclor-1248	35	UJ	ug/kg	35	36	UJ	ug/kg	36	35	UJ	ug/kg	35	35	U	ug/kg	35
Aroclor-1254	35	UJ	ug/kg	35	36	UJ	ug/kg	36	35	UJ	ug/kg	35	35	U	ug/kg	35
Aroclor-1260	35	UJ	ug/kg	35	36	UJ	ug/kg	36	35	UJ	ug/kg	35	35	U	ug/kg	35

U = NOT DETECTED J = ESTIMATED VALUE
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WHITING FIELD ANAL...ICAL RESULT REPORT
PESTICIDES AND PCBs ----- VALIDATED RESULTS

Lab Sample Number:	34815005MS				34815006				34807001				34807002			
Site	WHITING				WHITING				WHITING				WHITING			
Locator	18SB4-35-37MSD				18SB4-40-42				18SB6-5-7				18SB6-10-12			
Collect Date:	06-JAN-93				06-JAN-93				05-JAN-93				05-JAN-93			
	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL
CLP PESTICIDES/PCBS 90-SOW																
alpha-BHC	1.8	U	ug/kg	1.8	2.3	UJ	ug/kg	2.3	1.8	UJ	ug/kg	1.8	1.8	UJ	ug/kg	1.8
beta-BHC	1.8	U	ug/kg	1.8	2.3	UJ	ug/kg	2.3	1.8	UJ	ug/kg	1.8	1.8	UJ	ug/kg	1.8
delta-BHC	1.8	U	ug/kg	1.8	2.3	UJ	ug/kg	2.3	1.8	UJ	ug/kg	1.8	1.8	UJ	ug/kg	1.8
gamma-BHC (Lindane)	1.8	U	ug/kg	1.8	2.3	UJ	ug/kg	2.3	1.8	UJ	ug/kg	1.8	1.8	UJ	ug/kg	1.8
Heptachlor	1.8	U	ug/kg	1.8	2.3	UJ	ug/kg	2.3	1.8	UJ	ug/kg	1.8	1.8	UJ	ug/kg	1.8
Aldrin	1.8	U	ug/kg	1.8	2.3	UJ	ug/kg	2.3	1.8	UJ	ug/kg	1.8	1.8	UJ	ug/kg	1.8
Heptachlor epoxide	1.8	U	ug/kg	1.8	2.3	UJ	ug/kg	2.3	1.8	UJ	ug/kg	1.8	1.8	UJ	ug/kg	1.8
Endosulfan I	1.8	U	ug/kg	1.8	2.3	UJ	ug/kg	2.3	1.8	UJ	ug/kg	1.8	1.8	UJ	ug/kg	1.8
Dieldrin	3.5	U	ug/kg	3.5	4.4	UJ	ug/kg	4.4	3.6	UJ	ug/kg	3.6	3.6	UJ	ug/kg	3.6
4,4-DDE	3.5	U	ug/kg	3.5	5.5	J	ug/kg	4.4	3.6	UJ	ug/kg	3.6	3.6	UJ	ug/kg	3.6
Endrin	3.5	U	ug/kg	3.5	4.4	UJ	ug/kg	4.4	3.6	UJ	ug/kg	3.6	3.6	UJ	ug/kg	3.6
Endosulfan II	3.5	U	ug/kg	3.5	4.4	UJ	ug/kg	4.4	3.6	UJ	ug/kg	3.6	3.6	UJ	ug/kg	3.6
4,4-DDD	3.5	U	ug/kg	3.5	4.4	UJ	ug/kg	4.4	3.6	UJ	ug/kg	3.6	3.6	UJ	ug/kg	3.6
Endosulfan sulfate	3.5	U	ug/kg	3.5	4.4	UJ	ug/kg	4.4	3.6	UJ	ug/kg	3.6	3.6	UJ	ug/kg	3.6
4,4-DDT	3.5	U	ug/kg	3.5	21	J	ug/kg	4.4	3.6	UJ	ug/kg	3.6	3.6	UJ	ug/kg	3.6
Methoxychlor	18	U	ug/kg	18	23	UJ	ug/kg	23	18	UJ	ug/kg	18	18	UJ	ug/kg	18
Endrin ketone	3.5	U	ug/kg	3.5	4.4	UJ	ug/kg	4.4	3.6	UJ	ug/kg	3.6	3.6	UJ	ug/kg	3.6
Endrin aldehyde	3.5	U	ug/kg	3.5	4.4	UJ	ug/kg	4.4	3.6	UJ	ug/kg	3.6	3.6	UJ	ug/kg	3.6
alpha-Chlordane	1.8	U	ug/kg	1.8	2.3	UJ	ug/kg	2.3	1.8	UJ	ug/kg	1.8	1.8	UJ	ug/kg	1.8
gamma-Chlordane	1.8	U	ug/kg	1.8	2.3	UJ	ug/kg	2.3	1.8	UJ	ug/kg	1.8	1.8	UJ	ug/kg	1.8
Toxaphene	180	U	ug/kg	180	230	UJ	ug/kg	230	180	UJ	ug/kg	180	180	UJ	ug/kg	180
Aroclor-1016	35	U	ug/kg	35	44	UJ	ug/kg	44	36	UJ	ug/kg	36	36	UJ	ug/kg	36
Aroclor-1221	71	U	ug/kg	71	89	UJ	ug/kg	89	73	UJ	ug/kg	73	73	UJ	ug/kg	73
Aroclor-1232	35	U	ug/kg	35	44	UJ	ug/kg	44	36	UJ	ug/kg	36	36	UJ	ug/kg	36
Aroclor-1242	35	U	ug/kg	35	44	UJ	ug/kg	44	36	UJ	ug/kg	36	36	UJ	ug/kg	36
Aroclor-1248	35	U	ug/kg	35	44	UJ	ug/kg	44	36	UJ	ug/kg	36	36	UJ	ug/kg	36
Aroclor-1254	35	U	ug/kg	35	44	UJ	ug/kg	44	36	UJ	ug/kg	36	36	UJ	ug/kg	36
Aroclor-1260	35	U	ug/kg	35	44	UJ	ug/kg	44	36	UJ	ug/kg	36	36	UJ	ug/kg	36

U = NOT DETECTED J = ESTIMATED VALUE
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WHITING FIELD ANALYTICAL RESULT REPORT
PESTICIDES AND PCBs ----- VALIDATED RESULTS

	Lab Sample Number:	34807003			34807004			34807005			34807007		
	Site	WHITING			WHITING			WHITING			WHITING		
	Locator	18SB6-10-12A			18SB6-15-17			18SB6-20-22			18SB7-5-7		
	Collect Date:	05-JAN-93			05-JAN-93			05-JAN-93			05-JAN-93		
		VALUE QUAL	UNITS	DL	VALUE QUAL	UNITS	DL	VALUE QUAL	UNITS	DL	VALUE QUAL	UNITS	DL
CLP PESTICIDES/PCBS 90-SOW													
alpha-BHC	1.8	UJ	ug/kg	1.8	1.8	UJ ug/kg	1.8	1.8	UJ ug/kg	1.8	1.8	UJ ug/kg	1.8
beta-BHC	1.8	UJ	ug/kg	1.8	1.8	UJ ug/kg	1.8	1.8	UJ ug/kg	1.8	1.8	UJ ug/kg	1.8
delta-BHC	1.8	UJ	ug/kg	1.8	1.8	UJ ug/kg	1.8	1.8	UJ ug/kg	1.8	1.8	UJ ug/kg	1.8
gamma-BHC (Lindane)	1.8	UJ	ug/kg	1.8	1.8	UJ ug/kg	1.8	1.8	UJ ug/kg	1.8	1.8	UJ ug/kg	1.8
Heptachlor	1.8	UJ	ug/kg	1.8	1.8	UJ ug/kg	1.8	1.8	UJ ug/kg	1.8	1.8	UJ ug/kg	1.8
Aldrin	1.8	UJ	ug/kg	1.8	1.8	UJ ug/kg	1.8	1.8	UJ ug/kg	1.8	1.8	UJ ug/kg	1.8
Heptachlor epoxide	1.8	UJ	ug/kg	1.8	1.8	UJ ug/kg	1.8	1.8	UJ ug/kg	1.8	1.8	UJ ug/kg	1.8
Endosulfan I	1.8	UJ	ug/kg	1.8	1.8	UJ ug/kg	1.8	1.8	UJ ug/kg	1.8	1.8	UJ ug/kg	1.8
Dieldrin	3.5	UJ	ug/kg	3.5	3.5	UJ ug/kg	3.5	3.4	UJ ug/kg	3.4	3.5	UJ ug/kg	3.5
4,4-DDE	3.5	UJ	ug/kg	3.5	3.5	UJ ug/kg	3.5	3.4	UJ ug/kg	3.4	3.5	UJ ug/kg	3.5
Endrin	3.5	UJ	ug/kg	3.5	3.5	UJ ug/kg	3.5	3.4	UJ ug/kg	3.4	3.5	UJ ug/kg	3.5
Endosulfan II	3.5	UJ	ug/kg	3.5	3.5	UJ ug/kg	3.5	3.4	UJ ug/kg	3.4	3.5	UJ ug/kg	3.5
4,4-DDD	3.5	UJ	ug/kg	3.5	3.5	UJ ug/kg	3.5	3.4	UJ ug/kg	3.4	3.5	UJ ug/kg	3.5
Endosulfan sulfate	3.5	UJ	ug/kg	3.5	3.5	UJ ug/kg	3.5	3.4	UJ ug/kg	3.4	3.5	UJ ug/kg	3.5
4,4-DDT	3.5	UJ	ug/kg	3.5	3.5	UJ ug/kg	3.5	3.4	UJ ug/kg	3.4	3.5	UJ ug/kg	3.5
Methoxychlor	18	UJ	ug/kg	18	18	UJ ug/kg	18	18	UJ ug/kg	18	18	UJ ug/kg	18
Endrin ketone	3.5	UJ	ug/kg	3.5	3.5	UJ ug/kg	3.5	3.4	UJ ug/kg	3.4	3.5	UJ ug/kg	3.5
Endrin aldehyde	3.5	UJ	ug/kg	3.5	3.5	UJ ug/kg	3.5	3.4	UJ ug/kg	3.4	3.5	UJ ug/kg	3.5
alpha-Chlordane	1.8	UJ	ug/kg	1.8	1.8	UJ ug/kg	1.8	1.8	UJ ug/kg	1.8	1.8	UJ ug/kg	1.8
gamma-Chlordane	1.8	UJ	ug/kg	1.8	1.8	UJ ug/kg	1.8	1.8	UJ ug/kg	1.8	1.8	UJ ug/kg	1.8
Toxaphene	180	UJ	ug/kg	180	180	UJ ug/kg	180	180	UJ ug/kg	180	180	UJ ug/kg	180
Aroclor-1016	35	UJ	ug/kg	35	35	UJ ug/kg	35	34	UJ ug/kg	34	35	UJ ug/kg	35
Aroclor-1221	72	UJ	ug/kg	72	71	UJ ug/kg	71	70	UJ ug/kg	70	72	UJ ug/kg	72
Aroclor-1232	35	UJ	ug/kg	35	35	UJ ug/kg	35	34	UJ ug/kg	34	35	UJ ug/kg	35
Aroclor-1242	35	UJ	ug/kg	35	35	UJ ug/kg	35	34	UJ ug/kg	34	35	UJ ug/kg	35
Aroclor-1248	35	UJ	ug/kg	35	35	UJ ug/kg	35	34	UJ ug/kg	34	35	UJ ug/kg	35
Aroclor-1254	35	UJ	ug/kg	35	35	UJ ug/kg	35	34	UJ ug/kg	34	35	UJ ug/kg	35
Aroclor-1260	35	UJ	ug/kg	35	35	UJ ug/kg	35	34	UJ ug/kg	34	35	UJ ug/kg	35

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WHITING FIELD ANALYTICAL RESULT REPORT
PESTICIDES AND PCBs ----- VALIDATED RESULTS

Lab Sample Number:	34807006			34797001			34797002			34797001MS		
Site	WHITING			WHITING			WHITING			WHITING		
Locator	18SB7-15-17			18SB8-5-7			18SB8-5-7A			18SB8-5-7MS		
Collect Date:	05-JAN-93			04-JAN-93			04-JAN-93			04-JAN-93		
	VALUE QUAL	UNITS	DL	VALUE QUAL	UNITS	DL	VALUE QUAL	UNITS	DL	VALUE QUAL	UNITS	DL
CLP PESTICIDES/PCBS 90-SOW												
alpha-BHC	1.8 UJ	ug/kg	1.8	1.9 UJ	ug/kg	1.9	1.9 UJ	ug/kg	1.9	1.9 U	ug/kg	1.9
beta-BHC	1.8 UJ	ug/kg	1.8	1.9 UJ	ug/kg	1.9	1.9 UJ	ug/kg	1.9	1.9 U	ug/kg	1.9
delta-BHC	1.8 UJ	ug/kg	1.8	1.9 UJ	ug/kg	1.9	1.9 UJ	ug/kg	1.9	1.9 U	ug/kg	1.9
gamma-BHC (Lindane)	1.8 UJ	ug/kg	1.8	1.9 UJ	ug/kg	1.9	1.9 UJ	ug/kg	1.9	1.9 U	ug/kg	1.9
Heptachlor	1.8 UJ	ug/kg	1.8	1.9 UJ	ug/kg	1.9	1.9 UJ	ug/kg	1.9	1.9 U	ug/kg	1.9
Aldrin	1.8 UJ	ug/kg	1.8	1.9 UJ	ug/kg	1.9	1.9 UJ	ug/kg	1.9	1.9 U	ug/kg	1.9
Heptachlor epoxide	1.8 UJ	ug/kg	1.8	1.9 UJ	ug/kg	1.9	1.9 UJ	ug/kg	1.9	1.9 U	ug/kg	1.9
Endosulfan I	1.8 UJ	ug/kg	1.8	1.9 UJ	ug/kg	1.9	1.9 UJ	ug/kg	1.9	1.9 U	ug/kg	1.9
Dieldrin	3.6 UJ	ug/kg	3.6	3.7 UJ	ug/kg	3.7	3.7 UJ	ug/kg	3.7	3.7 U	ug/kg	3.7
4,4-DDE	3.6 UJ	ug/kg	3.6	3.7 UJ	ug/kg	3.7	3.7 UJ	ug/kg	3.7	3.7 U	ug/kg	3.7
Endrin	3.6 UJ	ug/kg	3.6	3.7 UJ	ug/kg	3.7	3.7 UJ	ug/kg	3.7	3.7 U	ug/kg	3.7
Endosulfan II	3.6 UJ	ug/kg	3.6	3.7 UJ	ug/kg	3.7	3.7 UJ	ug/kg	3.7	3.7 U	ug/kg	3.7
4,4-DDD	3.6 UJ	ug/kg	3.6	3.7 UJ	ug/kg	3.7	3.7 UJ	ug/kg	3.7	3.7 U	ug/kg	3.7
Endosulfan sulfate	3.6 UJ	ug/kg	3.6	3.7 UJ	ug/kg	3.7	3.7 UJ	ug/kg	3.7	3.7 U	ug/kg	3.7
4,4-DDT	3.6 UJ	ug/kg	3.6	3.7 UJ	ug/kg	3.7	3.7 UJ	ug/kg	3.7	3.7 U	ug/kg	3.7
Methoxychlor	18 UJ	ug/kg	18	19 UJ	ug/kg	19	19 UJ	ug/kg	19	19 U	ug/kg	19
Endrin ketone	3.6 UJ	ug/kg	3.6	3.7 UJ	ug/kg	3.7	3.7 UJ	ug/kg	3.7	3.7 U	ug/kg	3.7
Endrin aldehyde	3.6 UJ	ug/kg	3.6	3.7 UJ	ug/kg	3.7	3.7 UJ	ug/kg	3.7	3.7 U	ug/kg	3.7
alpha-Chlordane	1.8 UJ	ug/kg	1.8	1.9 UJ	ug/kg	1.9	1.9 UJ	ug/kg	1.9	1.9 U	ug/kg	1.9
gamma-Chlordane	1.8 UJ	ug/kg	1.8	1.9 UJ	ug/kg	1.9	1.9 UJ	ug/kg	1.9	1.9 U	ug/kg	1.9
Toxaphene	180 UJ	ug/kg	180	190 UJ	ug/kg	190	190 UJ	ug/kg	190	190 U	ug/kg	190
Aroclor-1016	36 UJ	ug/kg	36	37 UJ	ug/kg	37	37 UJ	ug/kg	37	37 U	ug/kg	37
Aroclor-1221	73 UJ	ug/kg	73	74 UJ	ug/kg	74	74 UJ	ug/kg	74	74 U	ug/kg	74
Aroclor-1232	36 UJ	ug/kg	36	37 UJ	ug/kg	37	37 UJ	ug/kg	37	37 U	ug/kg	37
Aroclor-1242	36 UJ	ug/kg	36	37 UJ	ug/kg	37	37 UJ	ug/kg	37	37 U	ug/kg	37
Aroclor-1248	36 UJ	ug/kg	36	37 UJ	ug/kg	37	37 UJ	ug/kg	37	37 U	ug/kg	37
Aroclor-1254	36 UJ	ug/kg	36	37 UJ	ug/kg	37	37 UJ	ug/kg	37	37 U	ug/kg	37
Aroclor-1260	36 UJ	ug/kg	36	37 UJ	ug/kg	37	37 UJ	ug/kg	37	37 U	ug/kg	37

U = NOT DETECTED J = ESTIMATED VALUE
UJ= [illegible]ORTED QUANTITATION LIMIT IS QUALIFIED AS ESTIMATED
R [illegible]ULT IS REJECTED AND UNUSABLE

WHITING FIELD ANAL..ICAL RESULT REPORT
PESTICIDES AND PCBs ----- VALIDATED RESULTS

Lab Sample Number:	34797001MS				34799002				34799003				34807013			
Site	WHITING				WHITING				WHITING				WHITING			
Locator	18SB8-5-7MSD				18SB8-10-12				18SB8-15-17				18SB9-5-7			
Collect Date:	04-JAN-93				04-JAN-93				04-JAN-93				05-JAN-93			
	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL
CLP PESTICIDES/PCBS 90-SOW																
alpha-BHC	1.9	U	ug/kg	1.9	2	UJ	ug/kg	2	1.9	UJ	ug/kg	1.9	1.9	UJ	ug/kg	1.9
beta-BHC	1.9	U	ug/kg	1.9	2	UJ	ug/kg	2	1.9	UJ	ug/kg	1.9	1.9	UJ	ug/kg	1.9
delta-BHC	1.9	U	ug/kg	1.9	2	UJ	ug/kg	2	1.9	UJ	ug/kg	1.9	1.9	UJ	ug/kg	1.9
gamma-BHC (Lindane)	1.9	U	ug/kg	1.9	2	UJ	ug/kg	2	1.9	UJ	ug/kg	1.9	1.9	UJ	ug/kg	1.9
Heptachlor	1.9	U	ug/kg	1.9	2	UJ	ug/kg	2	1.9	UJ	ug/kg	1.9	1.9	UJ	ug/kg	1.9
Aldrin	1.9	U	ug/kg	1.9	2	UJ	ug/kg	2	1.9	UJ	ug/kg	1.9	1.9	UJ	ug/kg	1.9
Heptachlor epoxide	1.9	U	ug/kg	1.9	2	UJ	ug/kg	2	1.9	UJ	ug/kg	1.9	1.9	UJ	ug/kg	1.9
Endosulfan I	1.9	U	ug/kg	1.9	2	UJ	ug/kg	2	1.9	UJ	ug/kg	1.9	1.9	UJ	ug/kg	1.9
Dieldrin	3.7	U	ug/kg	3.7	3.8	UJ	ug/kg	3.8	3.7	UJ	ug/kg	3.7	3.6	UJ	ug/kg	3.6
4,4-DDE	3.7	U	ug/kg	3.7	3.8	UJ	ug/kg	3.8	3.7	UJ	ug/kg	3.7	3.6	UJ	ug/kg	3.6
Endrin	3.7	U	ug/kg	3.7	3.8	UJ	ug/kg	3.8	3.7	UJ	ug/kg	3.7	3.6	UJ	ug/kg	3.6
Endosulfan II	3.7	U	ug/kg	3.7	3.8	UJ	ug/kg	3.8	3.7	UJ	ug/kg	3.7	3.6	UJ	ug/kg	3.6
4,4-DDD	3.7	U	ug/kg	3.7	3.8	UJ	ug/kg	3.8	3.7	UJ	ug/kg	3.7	3.6	UJ	ug/kg	3.6
Endosulfan sulfate	3.7	U	ug/kg	3.7	3.8	UJ	ug/kg	3.8	3.7	UJ	ug/kg	3.7	3.6	UJ	ug/kg	3.6
4,4-DDT	3.7	U	ug/kg	3.7	3.8	UJ	ug/kg	3.8	3.7	UJ	ug/kg	3.7	3.6	UJ	ug/kg	3.6
Methoxychlor	19	U	ug/kg	19	20	UJ	ug/kg	20	19	UJ	ug/kg	19	19	UJ	ug/kg	19
Endrin ketone	3.7	U	ug/kg	3.7	3.8	UJ	ug/kg	3.8	3.7	UJ	ug/kg	3.7	3.6	UJ	ug/kg	3.6
Endrin aldehyde	3.7	U	ug/kg	3.7	3.8	UJ	ug/kg	3.8	3.7	UJ	ug/kg	3.7	3.6	UJ	ug/kg	3.6
alpha-Chlordane	1.9	U	ug/kg	1.9	2	UJ	ug/kg	2	1.9	UJ	ug/kg	1.9	1.9	UJ	ug/kg	1.9
gamma-Chlordane	1.9	U	ug/kg	1.9	2	UJ	ug/kg	2	1.9	UJ	ug/kg	1.9	1.9	UJ	ug/kg	1.9
Toxaphene	190	U	ug/kg	190	200	UJ	ug/kg	200	190	UJ	ug/kg	190	190	UJ	ug/kg	190
Aroclor-1016	37	U	ug/kg	37	38	UJ	ug/kg	38	37	UJ	ug/kg	37	36	UJ	ug/kg	36
Aroclor-1221	74	U	ug/kg	74	77	UJ	ug/kg	77	74	UJ	ug/kg	74	74	UJ	ug/kg	74
Aroclor-1232	37	U	ug/kg	37	38	UJ	ug/kg	38	37	UJ	ug/kg	37	36	UJ	ug/kg	36
Aroclor-1242	37	U	ug/kg	37	38	UJ	ug/kg	38	37	UJ	ug/kg	37	36	UJ	ug/kg	36
Aroclor-1248	37	U	ug/kg	37	38	UJ	ug/kg	38	37	UJ	ug/kg	37	36	UJ	ug/kg	36
Aroclor-1254	37	U	ug/kg	37	38	UJ	ug/kg	38	37	UJ	ug/kg	37	36	UJ	ug/kg	36
Aroclor-1260	37	U	ug/kg	37	38	UJ	ug/kg	38	37	UJ	ug/kg	37	36	UJ	ug/kg	36

U = NOT DETECTED J = ESTIMATED VALUE
UJ= REPORTED QUANTITATION LIMIT IS QUALIFIED AS ESTIMATED
R = RESULT IS REJECTED AND UNUSABLE

WHITING FIELD ANAL...CAL RESULT REPORT
PESTICIDES AND PCBs ----- VALIDATED RESULTS

Lab Sample Number:	34807M13				34807D13				34807014				34799001			
Site	WHITING				WHITING				WHITING				WHITING			
Locator	18SB9-5-7MS				18SB9-5-7MSD				18SB9-15-17				18SB10-5-7			
Collect Date:	05-JAN-93				05-JAN-93				05-JAN-93				04-JAN-93			
	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL
CLP PESTICIDES/PCBS 90-SOW																
alpha-BHC	1.9	U	ug/kg	1.9	1.9	U	ug/kg	1.9	1.8	UJ	ug/kg	1.8	2	UJ	ug/kg	2
beta-BHC	1.9	U	ug/kg	1.9	1.9	U	ug/kg	1.9	1.8	UJ	ug/kg	1.8	2	UJ	ug/kg	2
delta-BHC	1.9	U	ug/kg	1.9	1.9	U	ug/kg	1.9	1.8	UJ	ug/kg	1.8	2	UJ	ug/kg	2
gamma-BHC (Lindane)	1.9	U	ug/kg	1.9	1.9	U	ug/kg	1.9	1.8	UJ	ug/kg	1.8	2	UJ	ug/kg	2
Heptachlor	1.9	U	ug/kg	1.9	1.9	U	ug/kg	1.9	1.8	UJ	ug/kg	1.8	2	UJ	ug/kg	2
Aldrin	1.9	U	ug/kg	1.9	1.9	U	ug/kg	1.9	1.8	UJ	ug/kg	1.8	2	UJ	ug/kg	2
Heptachlor epoxide	1.9	U	ug/kg	1.9	1.9	U	ug/kg	1.9	1.8	UJ	ug/kg	1.8	2	UJ	ug/kg	2
Endosulfan I	1.9	U	ug/kg	1.9	1.9	U	ug/kg	1.9	1.8	UJ	ug/kg	1.8	2	UJ	ug/kg	2
Dieldrin	3.6	U	ug/kg	3.6	3.6	U	ug/kg	3.6	3.5	UJ	ug/kg	3.5	3.8	UJ	ug/kg	3.8
4,4-DDE	3.6	U	ug/kg	3.6	3.6	U	ug/kg	3.6	3.5	UJ	ug/kg	3.5	3.8	UJ	ug/kg	3.8
Endrin	3.6	U	ug/kg	3.6	3.6	U	ug/kg	3.6	3.5	UJ	ug/kg	3.5	3.8	UJ	ug/kg	3.8
Endosulfan II	3.6	U	ug/kg	3.6	3.6	U	ug/kg	3.6	3.5	UJ	ug/kg	3.5	3.8	UJ	ug/kg	3.8
4,4-DDD	3.6	U	ug/kg	3.6	3.6	U	ug/kg	3.6	3.5	UJ	ug/kg	3.5	3.8	UJ	ug/kg	3.8
Endosulfan sulfate	3.6	U	ug/kg	3.6	3.6	U	ug/kg	3.6	3.5	UJ	ug/kg	3.5	3.8	UJ	ug/kg	3.8
4,4-DDT	3.6	U	ug/kg	3.6	3.6	U	ug/kg	3.6	3.5	UJ	ug/kg	3.5	3.8	UJ	ug/kg	3.8
Methoxychlor	19	U	ug/kg	19	19	U	ug/kg	19	18	UJ	ug/kg	18	20	UJ	ug/kg	20
Endrin ketone	3.6	U	ug/kg	3.6	3.6	U	ug/kg	3.6	3.5	UJ	ug/kg	3.5	3.8	UJ	ug/kg	3.8
Endrin aldehyde	3.6	U	ug/kg	3.6	3.6	U	ug/kg	3.6	3.5	UJ	ug/kg	3.5	3.8	UJ	ug/kg	3.8
alpha-Chlordane	1.9	U	ug/kg	1.9	1.9	U	ug/kg	1.9	1.8	UJ	ug/kg	1.8	2	UJ	ug/kg	2
gamma-Chlordane	1.9	U	ug/kg	1.9	1.9	U	ug/kg	1.9	1.8	UJ	ug/kg	1.8	2	UJ	ug/kg	2
Toxaphene	190	U	ug/kg	190	190	U	ug/kg	190	180	UJ	ug/kg	180	200	UJ	ug/kg	200
Aroclor-1016	36	U	ug/kg	36	36	U	ug/kg	36	35	UJ	ug/kg	35	38	UJ	ug/kg	38
Aroclor-1221	74	U	ug/kg	74	74	U	ug/kg	74	71	UJ	ug/kg	71	78	UJ	ug/kg	78
Aroclor-1232	36	U	ug/kg	36	36	U	ug/kg	36	35	UJ	ug/kg	35	38	UJ	ug/kg	38
Aroclor-1242	36	U	ug/kg	36	36	U	ug/kg	36	35	UJ	ug/kg	35	38	UJ	ug/kg	38
Aroclor-1248	36	U	ug/kg	36	36	U	ug/kg	36	35	UJ	ug/kg	35	38	UJ	ug/kg	38
Aroclor-1254	36	U	ug/kg	36	36	U	ug/kg	36	35	UJ	ug/kg	35	38	UJ	ug/kg	38
Aroclor-1260	36	U	ug/kg	36	36	U	ug/kg	36	35	UJ	ug/kg	35	38	UJ	ug/kg	38

U = NOT DETECTED J = ESTIMATED VALUE
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WHITING FIELD ANALYTICAL RESULT REPORT
METALS AND CYANIDE ----- VALIDATED RESULTS

Lab Sample Number:	34807015				34807016				34807017				34807018			
Site	WHITING				WHITING				WHITING				WHITING			
Locator	18SB1-5-7				18SB1-10-12				18SB2-5-7				18SB2-10-12			
Collect Date:	05-JAN-93				05-JAN-93				05-JAN-93				05-JAN-93			
	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL
CLP METALS AND CYANIDE																
Aluminum	1940		mg/kg	40	3290		mg/kg	40	947		mg/kg	40	6280		mg/kg	40
Antimony	5.2	U	mg/kg	12	6	U	mg/kg	12	5.2	U	mg/kg	12	5.3	U	mg/kg	12
Arsenic	1.1	J	mg/kg	2	1.6	J	mg/kg	2	.6	J	mg/kg	2	1.6	J	mg/kg	2
Barium	4.7	J	mg/kg	40	4	J	mg/kg	40	2	J	mg/kg	40	3.2	J	mg/kg	40
Beryllium	.06	U	mg/kg	1	.09	J	mg/kg	1	.06	U	mg/kg	1	.06	U	mg/kg	1
Cadmium	.84	U	mg/kg	1	.96	U	mg/kg	1	.83	U	mg/kg	1	.85	U	mg/kg	1
Calcium	52.4	J	mg/kg	1000	43.3	J	mg/kg	1000	6.9	U	mg/kg	1000	7.1	U	mg/kg	1000
Chromium	1.6	J	mg/kg	2	2.9		mg/kg	2	1.7	J	mg/kg	2	5.2		mg/kg	2
Cobalt	.6	J	mg/kg	10	.71	J	mg/kg	10	.47	U	mg/kg	10	.89	J	mg/kg	10
Copper	.47	J	mg/kg	5	2.8	J	mg/kg	5	.36	J	mg/kg	5	1.6	J	mg/kg	5
Iron	1640		mg/kg	20	3130		mg/kg	20	810		mg/kg	20	4140		mg/kg	20
Lead	1.4		mg/kg	.6	1.7		mg/kg	.6	.45	J	mg/kg	.6	.85		mg/kg	.6
Magnesium	44.6	J	mg/kg	1000	30.1	J	mg/kg	1000	23.4	J	mg/kg	1000	52.5	J	mg/kg	1000
Manganese	14.8		mg/kg	3	18.4		mg/kg	3	8.3		mg/kg	3	11.1		mg/kg	3
Mercury	.04	J	mg/kg	.1	.05		mg/kg	.1	.02	U	mg/kg	.1	.02	U	mg/kg	.1
Nickel	2.9	J	mg/kg	8	3	U	mg/kg	8	2.6	U	mg/kg	8	2.7	U	mg/kg	8
Potassium	109	U	mg/kg	1000	125	U	mg/kg	1000	108	U	mg/kg	1000	119	J	mg/kg	1000
Selenium	.45	U	mg/kg	1	.52	U	mg/kg	1	.45	U	mg/kg	1	.46	U	mg/kg	1
Silver	.51	U	mg/kg	2	.59	U	mg/kg	2	.51	U	mg/kg	2	.52	U	mg/kg	2
Sodium	11.8	U	mg/kg	1000	13.5	U	mg/kg	1000	11.6	U	mg/kg	1000	12	U	mg/kg	1000
Thallium	.54	U	mg/kg	2	.62	U	mg/kg	2	.53	U	mg/kg	2	.55	U	mg/kg	2
Vanadium	2.9	J	mg/kg	10	6.2	J	mg/kg	10	1.4	J	mg/kg	10	11		mg/kg	10
Zinc	2.1	J	mg/kg	4	2.1	J	mg/kg	4	1.1	J	mg/kg	4	2.4	J	mg/kg	4
Cyanide	.52	J	mg/kg	.5	.6	J	mg/kg	.5	.75	J	mg/kg	.5	.5	J	mg/kg	.5

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WHITING FIELD ANALYTICAL RESULT REPORT
METALS AND CYANIDE ----- VALIDATED RESULTS

Lab Sample Number:	34807019				34807020				34815001				34815002			
Site	WHITING				WHITING				WHITING				WHITING			
Locator	18SB2-15-17				18SB2-20-22				18SB4-5-7				18SB4-10-12			
Collect Date:	05-JAN-93				05-JAN-93				06-JAN-93				06-JAN-93			
	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL
CLP METALS AND CYANIDE																
Aluminum	1640		mg/kg	40	2010		mg/kg	40	2330		mg/kg	40	1830		mg/kg	40
Antimony	5.3	U	mg/kg	12	5.4	U	mg/kg	12	5.2	U	mg/kg	12	5.2	U	mg/kg	12
Arsenic	.63	J	mg/kg	2	1.2	J	mg/kg	2	.66	J	mg/kg	2	.78	J	mg/kg	2
Barium	1	J	mg/kg	40	2.1	J	mg/kg	40	7.1	J	mg/kg	40	2.5	J	mg/kg	40
Beryllium	.06	U	mg/kg	1	.06	U	mg/kg	1	.06	J	mg/kg	1	.06	U	mg/kg	1
Cadmium	.84	U	mg/kg	1	.86	U	mg/kg	1	.83	U	mg/kg	1	.84	U	mg/kg	1
Calcium	7	U	mg/kg	1000	14.7	J	mg/kg	1000	58.2	J	mg/kg	1000	7	U	mg/kg	1000
Chromium	2.2		mg/kg	2	2.7		mg/kg	2	3.5		mg/kg	2	2	J	mg/kg	2
Cobalt	.86	J	mg/kg	10	.49	U	mg/kg	10	.47	UJ	mg/kg	10	.48	UJ	mg/kg	10
Copper	.82	J	mg/kg	5	.37	U	mg/kg	5	7		mg/kg	5	.36	U	mg/kg	5
Iron	1200		mg/kg	20	1890		mg/kg	20	2410		mg/kg	20	1490		mg/kg	20
Lead	.12	U	mg/kg	.6	.67		mg/kg	.6	3.8		mg/kg	1	1.5		mg/kg	1
Magnesium	16.5	J	mg/kg	1000	11.1	J	mg/kg	1000	151	J	mg/kg	1000	39	J	mg/kg	1000
Manganese	4.6		mg/kg	3	7.1		mg/kg	3	16.7		mg/kg	3	6.4		mg/kg	3
Mercury	.02	U	mg/kg	.1	.02	U	mg/kg	.1	.02	J	mg/kg	.1	.02	UJ	mg/kg	.1
Nickel	2.7	U	mg/kg	8	2.7	U	mg/kg	8	2.6	U	mg/kg	8	2.6	U	mg/kg	8
Potassium	109	U	mg/kg	1000	112	U	mg/kg	1000	109	J	mg/kg	1000	109	U	mg/kg	1000
Selenium	.45	U	mg/kg	1	.47	U	mg/kg	1	.45	U	mg/kg	1	.45	U	mg/kg	1
Silver	.52	U	mg/kg	2	.53	U	mg/kg	2	.51	U	mg/kg	2	.51	U	mg/kg	2
Sodium	11.9	U	mg/kg	1000	12.1	U	mg/kg	1000	11.7	U	mg/kg	1000	11.8	U	mg/kg	1000
Thallium	.54	U	mg/kg	2	.55	U	mg/kg	2	.53	U	mg/kg	2	.54	U	mg/kg	2
Vanadium	3.3	J	mg/kg	10	7.9	J	mg/kg	10	4.3	J	mg/kg	10	3.6	J	mg/kg	10
Zinc	.78	J	mg/kg	4	.65	J	mg/kg	4	4.5		mg/kg	4	2	J	mg/kg	4
Cyanide	.55	J	mg/kg	.5	.27	J	mg/kg	.5	.7	J	mg/kg	1	.49	J	mg/kg	1

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WHITING FIELD ANALYTICAL RESULT REPORT
METALS AND CYANIDE ----- VALIDATED RESULTS

Lab Sample Number:	34815003				34815004				34815005				34815006			
Site	WHITING				WHITING				WHITING				WHITING			
Locator	18SB4-15-17				18SB4-25-27				18SB4-35-37				18SB4-40-42			
Collect Date:	06-JAN-93				06-JAN-93				06-JAN-93				06-JAN-93			
	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL
CLP METALS AND CYANIDE																
Aluminum	1170		mg/kg	40	1360		mg/kg	40	382		mg/kg	40	11100		mg/kg	40
Antimony	5.2	U	mg/kg	12	5.6	U	mg/kg	12	5.2	U	mg/kg	12	6.4	U	mg/kg	12
Arsenic	.56	J	mg/kg	2	.5	J	mg/kg	2	.21	U	mg/kg	2	2	J	mg/kg	2
Barium	1.6	J	mg/kg	40	4.1	J	mg/kg	40	1.2	J	mg/kg	40	33.3	J	mg/kg	40
Beryllium	.06	U	mg/kg	1	.06	U	mg/kg	1	.06	U	mg/kg	1	.14	J	mg/kg	1
Cadmium	.83	U	mg/kg	1	.9	U	mg/kg	1	.83	U	mg/kg	1	1	U	mg/kg	1
Calcium	6.9	U	mg/kg	1000	7.5	U	mg/kg	1000	6.9	U	mg/kg	1000	141	J	mg/kg	1000
Chromium	2.3		mg/kg	2	2.9		mg/kg	2	1.2	J	mg/kg	2	39.7		mg/kg	2
Cobalt	.47	UJ	mg/kg	10	.51	UJ	mg/kg	10	.47	UJ	mg/kg	10	.59	UJ	mg/kg	10
Copper	.35	U	mg/kg	5	.38	U	mg/kg	5	.35	U	mg/kg	5	3	J	mg/kg	5
Iron	933		mg/kg	20	431		mg/kg	20	225		mg/kg	20	4360		mg/kg	20
Lead	.97		mg/kg	1	2		mg/kg	1	.34	J	mg/kg	1	14.5		mg/kg	1
Magnesium	19.9	J	mg/kg	1000	16.5	J	mg/kg	1000	7.5	U	mg/kg	1000	300	J	mg/kg	1000
Manganese	2.8	J	mg/kg	3	1.6	J	mg/kg	3	.44	J	mg/kg	3	7.3		mg/kg	3
Mercury	.02	UJ	mg/kg	.1	.02	UJ	mg/kg	.1	.02	UJ	mg/kg	.1	.1	J	mg/kg	.1
Nickel	2.6	U	mg/kg	8	2.8	U	mg/kg	8	2.6	U	mg/kg	8	3.3	U	mg/kg	8
Potassium	110	J	mg/kg	1000	117	U	mg/kg	1000	108	U	mg/kg	1000	823	J	mg/kg	1000
Selenium	.45	U	mg/kg	1	.58	U	mg/kg	1	.45	U	mg/kg	1	1.1	J	mg/kg	1
Silver	.51	U	mg/kg	2	.55	U	mg/kg	2	.51	U	mg/kg	2	.63	U	mg/kg	2
Sodium	11.6	U	mg/kg	1000	12.6	U	mg/kg	1000	11.6	U	mg/kg	1000	25.6	J	mg/kg	1000
Thallium	.53	U	mg/kg	2	.58	U	mg/kg	2	.53	U	mg/kg	2	.66	U	mg/kg	2
Vanadium	2.3	J	mg/kg	10	4.6	J	mg/kg	10	1.2	J	mg/kg	10	39.9		mg/kg	10
Zinc	2.3	J	mg/kg	4	.67	J	mg/kg	4	1	J	mg/kg	4	2.3	J	mg/kg	4
Cyanide	.56	J	mg/kg	1	.57	J	mg/kg	1	.53	J	mg/kg	1	.7	J	mg/kg	1

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UJ= REPORTED QUANTITATION LIMIT IS QUALIFIED AS ESTIMATED
R = RESULT IS REJECTED AND UNUSABLE

WHITING FIELD ANALYTICAL RESULT REPORT
METALS AND CYANIDE ----- VALIDATED RESULTS

Lab Sample Number:	34807001				34807002				34807003				34807004			
Site	WHITING				WHITING				WHITING				WHITING			
Locator	18SB6-5-7				18SB6-10-12				18SB6-10-12A				18SB6-15-17			
Collect Date:	05-JAN-93				05-JAN-93				05-JAN-93				05-JAN-93			
	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL
CLP METALS AND CYANIDE																
Aluminum	4530		mg/kg	40	2630		mg/kg	40	860		mg/kg	40	1000		mg/kg	40
Antimony	5.4	U	mg/kg	12	5.1	U	mg/kg	12	5.2	U	mg/kg	12	5.2	U	mg/kg	12
Arsenic	1.2	J	mg/kg	2	.65	J	mg/kg	2	.58	J	mg/kg	2	.33	UJ	mg/kg	2
Barium	5.2	J	mg/kg	40	2.1	J	mg/kg	40	.72	J	mg/kg	40	.66	J	mg/kg	40
Beryllium	.06	U	mg/kg	1	.06	U	mg/kg	1	.06	U	mg/kg	1	.06	U	mg/kg	1
Cadmium	.87	U	mg/kg	1	.82	U	mg/kg	1	.84	U	mg/kg	1	.83	U	mg/kg	1
Calcium	180	J	mg/kg	1000	9.4	J	mg/kg	1000	7	U	mg/kg	1000	6.9	U	mg/kg	1000
Chromium	6.2		mg/kg	2	3.2		mg/kg	2	1.4	J	mg/kg	2	1.4	J	mg/kg	2
Cobalt	.71	J	mg/kg	10	.47	U	mg/kg	10	.48	U	mg/kg	10	.47	U	mg/kg	10
Copper	4.1	J	mg/kg	5	1.7	J	mg/kg	5	1.2	J	mg/kg	5	.35	U	mg/kg	5
Iron	4570		mg/kg	20	1590		mg/kg	20	528		mg/kg	20	633		mg/kg	20
Lead	4.9		mg/kg	.6	1.8		mg/kg	.6	1.6		mg/kg	.6	.63		mg/kg	.6
Magnesium	99.2	J	mg/kg	1000	39.5	J	mg/kg	1000	12.9	J	mg/kg	1000	8.9	J	mg/kg	1000
Manganese	63		mg/kg	3	6.4		mg/kg	3	2.8	J	mg/kg	3	1.1	J	mg/kg	3
Mercury	.02	U	mg/kg	.1	.02	U	mg/kg	.1	.02	U	mg/kg	.1	.02	U	mg/kg	.1
Nickel	2.7	U	mg/kg	8	2.6	U	mg/kg	8	2.7	U	mg/kg	8	2.6	U	mg/kg	8
Potassium	873	J	mg/kg	1000	471	J	mg/kg	1000	211	B	mg/kg	1000	189	J	mg/kg	1000
Selenium	.47	U	mg/kg	1	.44	U	mg/kg	1	.45	U	mg/kg	1	.45	U	mg/kg	1
Silver	.53	U	mg/kg	2	.5	U	mg/kg	2	.51	U	mg/kg	2	.51	U	mg/kg	2
Sodium	29.8	J	mg/kg	1000	13.3	J	mg/kg	1000	11.8	U	mg/kg	1000	11.6	U	mg/kg	1000
Thallium	.56	U	mg/kg	2	.53	U	mg/kg	2	.54	U	mg/kg	2	.53	U	mg/kg	2
Vanadium	14.1		mg/kg	10	6.9	J	mg/kg	10	2	J	mg/kg	10	2.4	J	mg/kg	10
Zinc	1.4	J	mg/kg	4	1.6	J	mg/kg	4	.73	J	mg/kg	4	1.1	J	mg/kg	4
Cyanide	.44	J	mg/kg	.5	.43	J	mg/kg	.5	.42	J	mg/kg	.5	.44	J	mg/kg	.5

U = NOT DETECTED J = ESTIMATED VALUE
UJ= ORTED QUANTITATION LIMIT IS QUALIFIED AS ESTIMATED
R LT IS REJECTED AND UNUSABLE

WHITING FIELD ANALYTICAL RESULT REPORT
METALS AND CYANIDE ----- VALIDATED RESULTS

Lab Sample Number:	34807005				34807007				34807006				34797001			
Site	WHITING				WHITING				WHITING				WHITING			
Locator	18SB6-20-22				18SB7-5-7				18SB7-15-17				18SB8-5-7			
Collect Date:	05-JAN-93				05-JAN-93				05-JAN-93				04-JAN-93			
	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL
CLP METALS AND CYANIDE																
Aluminum	1020		mg/kg	40	4680		mg/kg	40	2010		mg/kg	40	10000	J	mg/kg	40
Antimony	5.1	U	mg/kg	12	5.2	U	mg/kg	12	5.3	U	mg/kg	12	5.4	U	mg/kg	12
Arsenic	.21	UJ	mg/kg	2	.9	J	mg/kg	2	.65	J	mg/kg	2	3.5	J	mg/kg	2
Barium	.46	J	mg/kg	40	4.7	J	mg/kg	40	.55	J	mg/kg	40	7.6	J	mg/kg	40
Beryllium	.06	U	mg/kg	1	.07	J	mg/kg	1	.06	U	mg/kg	1	.09	J	mg/kg	1
Cadmium	.82	U	mg/kg	1	.84	U	mg/kg	1	.85	U	mg/kg	1	.87	U	mg/kg	1
Calcium	6.8	U	mg/kg	1000	7.3	J	mg/kg	1000	7	U	mg/kg	1000	27.2	UJ	mg/kg	1000
Chromium	1.8	J	mg/kg	2	4.5		mg/kg	2	2.7		mg/kg	2	7.9		mg/kg	2
Cobalt	.47	U	mg/kg	10	.61	J	mg/kg	10	.48	U	mg/kg	10	1	J	mg/kg	10
Copper	.42	J	mg/kg	5	1.7	J	mg/kg	5	.36	U	mg/kg	5	1.3	UJ	mg/kg	5
Iron	558		mg/kg	20	3020		mg/kg	20	1250		mg/kg	20	8620	J	mg/kg	20
Lead	.3	J	mg/kg	.6	1.6		mg/kg	.6	1.4		mg/kg	.6	4.8	J	mg/kg	1
Magnesium	7.4	U	mg/kg	1000	73.6	J	mg/kg	1000	7.7	U	mg/kg	1000	48.6	UJ	mg/kg	1000
Manganese	.77	J	mg/kg	3	22.1		mg/kg	3	2.4	J	mg/kg	3	18		mg/kg	3
Mercury	.02	U	mg/kg	.1	.02	U	mg/kg	.1	.02	U	mg/kg	.1	.02	U	mg/kg	.1
Nickel	2.6	U	mg/kg	8	2.7	J	mg/kg	8	2.7	U	mg/kg	8	2.8	U	mg/kg	8
Potassium	107	U	mg/kg	1000	109	U	mg/kg	1000	110	U	mg/kg	1000	1150		mg/kg	1000
Selenium	.44	U	mg/kg	1	.53	U	mg/kg	1	.46	U	mg/kg	1	1.4	J	mg/kg	1
Silver	.5	U	mg/kg	2	.51	U	mg/kg	2	.52	U	mg/kg	2	.53	U	mg/kg	2
Sodium	11.6	U	mg/kg	1000	11.8	U	mg/kg	1000	11.9	U	mg/kg	1000	32.6	UJ	mg/kg	1000
Thallium	.53	U	mg/kg	2	.54	U	mg/kg	2	.55	U	mg/kg	2	.49	UJ	mg/kg	2
Vanadium	2.5	J	mg/kg	10	8.4	J	mg/kg	10	4.3	J	mg/kg	10	21.5		mg/kg	10
Zinc	1.2	J	mg/kg	4	2.9	J	mg/kg	4	.63	J	mg/kg	4	2.4	UJ	mg/kg	4
Cyanide	.38	J	mg/kg	.5	.41	J	mg/kg	.5	.42	J	mg/kg	.5	.44	UJ	mg/kg	1

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R = RESULT IS REJECTED AND UNUSABLE

WHITING FIELD ANALYTICAL RESULT REPORT
METALS AND CYANIDE ----- VALIDATED RESULTS

	Lab Sample Number:	34797002				34799002				34799003				34807013			
	Site	WHITING				WHITING				WHITING				WHITING			
	Locator	18SB8-5-7A				18SB8-10-12				18SB8-15-17				18SB9-5-7			
	Collect Date:	04-JAN-93				04-JAN-93				04-JAN-93				05-JAN-93			
		VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL
CLP METALS AND CYANIDE																	
Aluminum		3660	J	mg/kg	40	2480		mg/kg	40	8460		mg/kg	40	5910		mg/kg	40
Antimony		5.5	U	mg/kg	12	5.6	U	mg/kg	12	5.6	U	mg/kg	12	5.4	U	mg/kg	12
Arsenic		2.9	J	mg/kg	2	1	J	mg/kg	2	1.7	J	mg/kg	2	3		mg/kg	2
Barium		5.9	J	mg/kg	40	4.7	J	mg/kg	40	5.6	J	mg/kg	40	7.8	J	mg/kg	40
Beryllium		.09	J	mg/kg	1	.06	U	mg/kg	1	.06	U	mg/kg	1	.07	J	mg/kg	1
Cadmium		.88	U	mg/kg	1	.9	U	mg/kg	1	.9	U	mg/kg	1	.87	U	mg/kg	1
Calcium		23.3	UJ	mg/kg	1000	17.6	J	mg/kg	1000	21.5	J	mg/kg	1000	9.9	J	mg/kg	1000
Chromium		3.8		mg/kg	2	8.6		mg/kg	2	9.5		mg/kg	2	4.9		mg/kg	2
Cobalt		.53	J	mg/kg	10	.51	U	mg/kg	10	.92	J	mg/kg	10	.88	J	mg/kg	10
Copper		1.1	UJ	mg/kg	5	.5	J	mg/kg	5	1.1	J	mg/kg	5	1.4	J	mg/kg	5
Iron		4190	J	mg/kg	20	4000		mg/kg	20	7610		mg/kg	20	4640		mg/kg	20
Lead		3.7	J	mg/kg	1	4.7		mg/kg	1	2.9		mg/kg	1	11.1		mg/kg	.6
Magnesium		15.8	UJ	mg/kg	1000	19.2	J	mg/kg	1000	52.3	J	mg/kg	1000	87.6	J	mg/kg	1000
Manganese		8.9		mg/kg	3	2.9	J	mg/kg	3	15.5		mg/kg	3	23.2		mg/kg	3
Mercury		.02	U	mg/kg	.1	.02	U	mg/kg	.1	.02	U	mg/kg	.1	.02	U	mg/kg	.1
Nickel		2.8	U	mg/kg	8	2.8	U	mg/kg	8	2.8	U	mg/kg	8	2.7	U	mg/kg	8
Potassium		1220		mg/kg	1000	1230		mg/kg	1000	841	J	mg/kg	1000	312	J	mg/kg	1000
Selenium		1	J	mg/kg	1	.8	U	mg/kg	1	.79	U	mg/kg	1	.54	U	mg/kg	1
Silver		.54	U	mg/kg	2	.55	U	mg/kg	2	.57	J	mg/kg	2	.53	U	mg/kg	2
Sodium		28.7	UJ	mg/kg	1000	17.6	J	mg/kg	1000	16.3	J	mg/kg	1000	12.2	U	mg/kg	1000
Thallium		.49	UJ	mg/kg	2	.5	U	mg/kg	2	.5	U	mg/kg	2	.56	U	mg/kg	2
Vanadium		11.9		mg/kg	10	15.8		mg/kg	10	23.3		mg/kg	10	10.3	J	mg/kg	10
Zinc		.92	UJ	mg/kg	4	.58	J	mg/kg	4	13.1		mg/kg	4	3.1	J	mg/kg	4
Cyanide		.45	UJ	mg/kg	1	.41	J	mg/kg	1	.41	J	mg/kg	1	3.3		mg/kg	.5

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WHITING FIELD ANALYTICAL RESULT REPORT
METALS AND CYANIDE ----- VALIDATED RESULTS

Lab Sample Number:	34807014				34799001			
Site	WHITING				WHITING			
Locator	18SB9-15-17				18SB10-5-7			
Collect Date:	05-JAN-93				04-JAN-93			
	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL
CLP METALS AND CYANIDE								
Aluminum	1430		mg/kg	40	2560		mg/kg	40
Antimony	5.2	U	mg/kg	12	5.6	U	mg/kg	12
Arsenic	.57	J	mg/kg	2	2.2	J	mg/kg	2
Barium	.8	J	mg/kg	40	4.7	J	mg/kg	40
Beryllium	.06	U	mg/kg	1	.06	U	mg/kg	1
Cadmium	.84	U	mg/kg	1	.9	U	mg/kg	1
Calcium	14.6	J	mg/kg	1000	35.1	J	mg/kg	1000
Chromium	1.6	J	mg/kg	2	10.4		mg/kg	2
Cobalt	.48	U	mg/kg	10	.51	U	mg/kg	10
Copper	.56	J	mg/kg	5	.8	J	mg/kg	5
Iron	873		mg/kg	20	5350		mg/kg	20
Lead	1		mg/kg	.6	5.1		mg/kg	1
Magnesium	7.5	U	mg/kg	1000	26.1	J	mg/kg	1000
Manganese	2	J	mg/kg	3	16.2		mg/kg	3
Mercury	.05		mg/kg	.1	.02	U	mg/kg	.1
Nickel	2.6	U	mg/kg	8	2.8	U	mg/kg	8
Potassium	202	J	mg/kg	1000	637	J	mg/kg	1000
Selenium	.45	U	mg/kg	1	.79	U	mg/kg	1
Silver	.51	U	mg/kg	2	.55	U	mg/kg	2
Sodium	11.8	U	mg/kg	1000	12.6	U	mg/kg	1000
Thallium	.54	U	mg/kg	2	.5	U	mg/kg	2
Vanadium	3.2	J	mg/kg	10	23.9		mg/kg	10
Zinc	.93	J	mg/kg	4	.84	J	mg/kg	4
Cyanide	.51	J	mg/kg	.5	.43	J	mg/kg	1

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WHITING FIELD ANAL. .CAL RESULT REPORT
TPH ----- VALIDATED RESULTS

Lab Sample Number:	34807015			34807016			34807017			34807018		
Site	WHITING			WHITING			WHITING			WHITING		
Locator	18SB1-5-7			18SB1-10-12			18SB2-5-7			18SB2-10-12		
Collect Date:	05-JAN-93			05-JAN-93			05-JAN-93			05-JAN-93		
	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL
TOTAL PETROLEUM HYDROCARBON																
Total petroleum hydrocarbon	2.3		mg/kg		1.8	U	mg/kg	1.8	3.6		mg/kg		2660		mg/kg	

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WHITING FIELD ANAL...CAL RESULT REPORT
TPH ----- VALIDATED RESULTS

Lab Sample Number:	34807019			34807020			34815001			34815002		
Site	WHITING			WHITING			WHITING			WHITING		
Locator	18SB2-15-17			18SB2-20-22			18SB4-5-7			18SB4-10-12		
Collect Date:	05-JAN-93			05-JAN-93			06-JAN-93			06-JAN-93		
	VALUE	QUAL UNITS	DL	VALUE	QUAL UNITS	DL	VALUE	QUAL UNITS	DL	VALUE	QUAL UNITS	DL
TOTAL PETROLEUM HYDROCARBON												
Total petroleum hydrocarbon	298	mg/kg		4.9	mg/kg		544	mg/kg		1250	mg/kg	

U = NOT DETECTED J = ESTIMATED VALUE
UJ= ...PORTED QUANTITATION LIMIT IS QUALIFIED AS ESTIMATED
R ... ULT IS REJECTED AND UNUSABLE

WHITING FIELD ANALYTICAL RESULT REPORT
TPH ----- VALIDATED RESULTS

	Lab Sample Number:	34815003			34815004			34815005			34815006		
	Site	WHITING			WHITING			WHITING			WHITING		
	Locator	18SB4-15-17			18SB4-25-27			18SB4-35-37			18SB4-40-42		
	Collect Date:	06-JAN-93			06-JAN-93			06-JAN-93			06-JAN-93		
		VALUE	QUAL UNITS	DL	VALUE	QUAL UNITS	DL	VALUE	QUAL UNITS	DL	VALUE	QUAL UNITS	DL
TOTAL PETROLEUM HYDROCARBON													
Total petroleum hydrocarbon		612	mg/kg		41.2	mg/kg		1.7 U	mg/kg	1.7	2.1 U	mg/kg	2.1

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R = RESULT IS REJECTED AND UNUSABLE

WHITING FIELD ANALYTICAL RESULT REPORT
TPH ----- VALIDATED RESULTS

	34807001			34807002			34807003			34807004		
Lab Sample Number:												
Site	WHITING			WHITING			WHITING			WHITING		
Locator	18SB6-5-7			18SB6-10-12			18SB6-10-12A			18SB6-15-17		
Collect Date:	05-JAN-93			05-JAN-93			05-JAN-93			05-JAN-93		
	VALUE	QUAL UNITS	DL	VALUE	QUAL UNITS	DL	VALUE	QUAL UNITS	DL	VALUE	QUAL UNITS	DL
TOTAL PETROLEUM HYDROCARBON												
Total petroleum hydrocarbon	901	mg/kg		5420	mg/kg		7190	mg/kg		311	mg/kg	

U = NOT DETECTED J = ESTIMATED VALUE
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WHITING FIELD ANAL..ICAL RESULT REPORT
TPH ----- VALIDATED RESULTS

Lab Sample Number:	34807005			34807007			34807006			34797001		
Site	WHITING			WHITING			WHITING			WHITING		
Locator	18SB6-20-22			18SB7-5-7			18SB7-15-17			18SB8-5-7		
Collect Date:	05-JAN-93			05-JAN-93			05-JAN-93			04-JAN-93		
	VALUE	QUAL UNITS	DL	VALUE	QUAL UNITS	DL	VALUE	QUAL UNITS	DL	VALUE	QUAL UNITS	DL
TOTAL PETROLEUM HYDROCARBON												
Total petroleum hydrocarbon	2.4	mg/kg		42.4	mg/kg		7.3	mg/kg		481	mg/kg	

U = NOT DETECTED J = ESTIMATED VALUE
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R = RESULT IS REJECTED AND UNUSABLE

WHITING FIELD ANALYTICAL RESULT REPORT
TPH ----- VALIDATED RESULTS

Lab Sample Number:	34797002			34799002			34799003			34807013			
Site	WHITING			WHITING			WHITING			WHITING			
Locator	18SB8-5-7A			18SB8-10-12			18SB8-15-17			18SB9-5-7			
Collect Date:	04-JAN-93			04-JAN-93			04-JAN-93			05-JAN-93			
	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL
TOTAL PETROLEUM HYDROCARBON																
Total petroleum hydrocarbon	126		mg/kg		671		mg/kg		535		mg/kg		31.7		mg/kg	

U = NOT DETECTED J = ESTIMATED VALUE
UJ= [illegible]PORTED QUANTITATION LIMIT IS QUALIFIED AS ESTIMATED
R [illegible]ULT IS REJECTED AND UNUSABLE

WHITING FIELD ANAL..ICAL RESULT REPORT
TPH ----- VALIDATED RESULTS

Lab Sample Number:	34807014				34799001			
Site	WHITING				WHITING			
Locator	18SB9-15-17				18SB10-5-7			
Collect Date:	05-JAN-93				04-JAN-93			
	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL
TOTAL PETROLEUM HYDROCARBON								
Total petroleum hydrocarbon	10.3		mg/kg		1.9	U	mg/kg	1.9

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SITE 29

08/13/93 WHITING FIELD ANAL...CAL RESULT REPORT 10:28:22
SOIL BORING -- VOLATILES -- VALIDATED RESULTS

	34824001				34824002				34824001MS				34824001MS			
Lab Sample Number:																
Site	WHITING				WHITING				WHITING				WHITING			
Locator	29SB1-0-2				29SB1-0-2A				29SB1-0-2MS				29SB1-0-2MSD			
Collect Date:	07-JAN-93				07-JAN-93				07-JAN-93				07-JAN-93			
	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL
CLP VOLATILES 90-SOW																
Chloromethane	11	UJ	ug/kg	11	11	UJ	ug/kg	11	11	U	ug/kg	11	11	U	ug/kg	11
Bromomethane	11	U	ug/kg	11	11	U	ug/kg	11	11	U	ug/kg	11	11	U	ug/kg	11
Vinyl chloride	11	U	ug/kg	11	11	U	ug/kg	11	11	U	ug/kg	11	11	U	ug/kg	11
Chloroethane	11	U	ug/kg	11	11	U	ug/kg	11	11	U	ug/kg	11	11	U	ug/kg	11
Methylene chloride	11	U	ug/kg	11	11	U	ug/kg	11	11	U	ug/kg	11	11	U	ug/kg	11
Acetone	30	UJ	ug/kg	11	44	UJ	ug/kg	11	51		ug/kg	11	33		ug/kg	11
Carbon disulfide	11	U	ug/kg	11	11	U	ug/kg	11	11	U	ug/kg	11	11	U	ug/kg	11
1,1-Dichloroethene	11	U	ug/kg	11	11	U	ug/kg	11	52		ug/kg	11	51		ug/kg	11
1,1-Dichloroethane	11	U	ug/kg	11	11	U	ug/kg	11	11	U	ug/kg	11	11	U	ug/kg	11
1,2-Dichloroethene (total)	11	U	ug/kg	11	11	U	ug/kg	11	11	U	ug/kg	11	11	U	ug/kg	11
Chloroform	11	U	ug/kg	11	11	U	ug/kg	11	11	U	ug/kg	11	11	U	ug/kg	11
1,2-Dichloroethane	11	U	ug/kg	11	11	U	ug/kg	11	11	U	ug/kg	11	11	U	ug/kg	11
2-Butanone	3	J	ug/kg	11	4	J	ug/kg	11	11	U	ug/kg	11	4	J	ug/kg	11
1,1,1-Trichloroethane	11	U	ug/kg	11	11	U	ug/kg	11	11	U	ug/kg	11	11	U	ug/kg	11
Carbon tetrachloride	11	U	ug/kg	11	11	U	ug/kg	11	11	U	ug/kg	11	11	U	ug/kg	11
Bromodichloromethane	11	U	ug/kg	11	11	U	ug/kg	11	11	U	ug/kg	11	11	U	ug/kg	11
1,2-Dichloropropane	11	U	ug/kg	11	11	U	ug/kg	11	11	U	ug/kg	11	11	U	ug/kg	11
cis-1,3-Dichloropropene	11	U	ug/kg	11	11	U	ug/kg	11	11	U	ug/kg	11	11	U	ug/kg	11
Trichloroethene	11	U	ug/kg	11	11	U	ug/kg	11	64		ug/kg	11	59		ug/kg	11
Dibromochloromethane	11	U	ug/kg	11	11	U	ug/kg	11	11	U	ug/kg	11	11	U	ug/kg	11
1,1,2-Trichloroethane	11	U	ug/kg	11	11	U	ug/kg	11	11	U	ug/kg	11	11	U	ug/kg	11
Benzene	11	U	ug/kg	11	11	U	ug/kg	11	65		ug/kg	11	61		ug/kg	11
trans-1,3-Dichloropropene	11	U	ug/kg	11	11	U	ug/kg	11	11	U	ug/kg	11	11	U	ug/kg	11
Bromoform	11	U	ug/kg	11	11	U	ug/kg	11	11	U	ug/kg	11	11	U	ug/kg	11
4-Methyl-2-pentanone	11	U	ug/kg	11	11	U	ug/kg	11	11	U	ug/kg	11	11	U	ug/kg	11
2-Hexanone	11	U	ug/kg	11	11	U	ug/kg	11	11	U	ug/kg	11	11	U	ug/kg	11
Tetrachloroethene	11	U	ug/kg	11	11	U	ug/kg	11	11	U	ug/kg	11	11	U	ug/kg	11
Toluene	11	U	ug/kg	11	11	U	ug/kg	11	72		ug/kg	11	66		ug/kg	11
1,1,2,2-Tetrachloroethane	11	U	ug/kg	11	11	U	ug/kg	11	11	U	ug/kg	11	11	U	ug/kg	11
Chlorobenzene	11	U	ug/kg	11	11	U	ug/kg	11	69		ug/kg	11	62		ug/kg	11
Ethylbenzene	11	U	ug/kg	11	11	U	ug/kg	11	11	U	ug/kg	11	11	U	ug/kg	11
Styrene	11	U	ug/kg	11	11	U	ug/kg	11	11	U	ug/kg	11	11	U	ug/kg	11
Xylenes (total)	11	U	ug/kg	11	11	U	ug/kg	11	11	U	ug/kg	11	11	U	ug/kg	11

U = NOT DETECTED J = ESTIMATED VALUE
UJ = REPORTED QUANTITATION LIMIT IS QUALIFIE DAS ESTIMATED
R - RESULT IS REJECTED AND UNUSABLE

06/29/94 WHITING FIELD - SITE 29 - TCL VOCS 08:31:24
SOIL BORINGS - VALIDATED ANALYTICAL RESULTS

Lab Sample Number:		34823007			34823006			34846007			
Site		WHITING			WHITING			WHITING			
Locator		29SB1-5-7			29SB1-60-62			29SB1_125-127			
Collect Date:		07-JAN-93			07-JAN-93			12-JAN-93			
	VALUE	QUAL	UNITS	VALUE	QUAL	UNITS	VALUE	QUAL	UNITS		
CLP VOLATILES 90-SOW											
Chloromethane	12	UJ	ug/kg	11	UJ	ug/kg	11	UJ	ug/kg		
Bromomethane	12	U	ug/kg	11	U	ug/kg	11	U	ug/kg		
Vinyl chloride	12	U	ug/kg	11	U	ug/kg	11	U	ug/kg		
Chloroethane	12	U	ug/kg	11	U	ug/kg	11	U	ug/kg		
Methylene chloride	12	U	ug/kg	11	U	ug/kg	11	U	ug/kg		
Acetone	66	UJ	ug/kg	86	UJ	ug/kg	33		ug/kg		
Carbon disulfide	12	U	ug/kg	11	U	ug/kg	11	U	ug/kg		
1,1-Dichloroethene	12	U	ug/kg	11	U	ug/kg	11	U	ug/kg		
1,1-Dichloroethane	12	U	ug/kg	11	U	ug/kg	11	U	ug/kg		
1,2-Dichloroethene (total)	12	U	ug/kg	11	U	ug/kg	11	U	ug/kg		
Chloroform	12	U	ug/kg	11	U	ug/kg	11	U	ug/kg		
1,2-Dichloroethane	12	U	ug/kg	11	U	ug/kg	11	U	ug/kg		
2-Butanone	12	U	ug/kg	11	U	ug/kg	11	U	ug/kg		
1,1,1-Trichloroethane	12	U	ug/kg	11	U	ug/kg	11	U	ug/kg		
Carbon tetrachloride	12	U	ug/kg	11	U	ug/kg	11	U	ug/kg		
Bromodichloromethane	12	U	ug/kg	11	U	ug/kg	11	U	ug/kg		
1,2-Dichloropropane	12	U	ug/kg	11	U	ug/kg	11	U	ug/kg		
cis-1,3-Dichloropropene	12	U	ug/kg	11	U	ug/kg	11	U	ug/kg		
Trichloroethene	12	U	ug/kg	11	U	ug/kg	11	U	ug/kg		
Dibromochloromethane	12	U	ug/kg	11	U	ug/kg	11	U	ug/kg		
1,1,2-Trichloroethane	12	U	ug/kg	11	U	ug/kg	11	U	ug/kg		
Benzene	12	U	ug/kg	11	U	ug/kg	11	U	ug/kg		
trans-1,3-Dichloropropene	12	U	ug/kg	11	U	ug/kg	11	U	ug/kg		
Bromoform	12	U	ug/kg	11	U	ug/kg	11	U	ug/kg		
4-Methyl-2-pentanone	12	U	ug/kg	11	U	ug/kg	11	U	ug/kg		
2-Hexanone	12	U	ug/kg	11	U	ug/kg	11	U	ug/kg		
Tetrachloroethene	12	U	ug/kg	11	U	ug/kg	11	U	ug/kg		
Toluene	12	U	ug/kg	11	U	ug/kg	11	U	ug/kg		
1,1,2,2-Tetrachloroethane	12	U	ug/kg	11	U	ug/kg	11	U	ug/kg		
Chlorobenzene	12	U	ug/kg	11	U	ug/kg	11	U	ug/kg		
Ethylbenzene	12	U	ug/kg	11	U	ug/kg	11	U	ug/kg		
Styrene	12	U	ug/kg	11	U	ug/kg	11	U	ug/kg		
Xylenes (total)	12	U	ug/kg	11	U	ug/kg	11	U	ug/kg		

08/13/93 WHITING FIELD ANALYTICAL RESULT REPORT 10:29:44
SOIL BORING -- VOLATILES - VALIDATED RESULTS

Lab Sample Number:	34815007				34815008				34815008MS				34815008MS			
Site	WHITING				WHITING				WHITING				WHITING			
Locator	29SB2-0-2				29SB2-12-14				29SB2-12-14				29SB2-12-14			
Collect Date:	06-JAN-93				06-JAN-93				06-JAN-93				06-JAN-93			
	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL
CLP VOLATILES 90-SOW																
Chloromethane	11	U	ug/kg	11	12	U	ug/kg	12	12	U	ug/kg	12	12	U	ug/kg	12
Bromomethane	11	U	ug/kg	11	12	U	ug/kg	12	12	U	ug/kg	12	12	U	ug/kg	12
Vinyl chloride	11	U	ug/kg	11	12	U	ug/kg	12	12	U	ug/kg	12	12	U	ug/kg	12
Chloroethane	11	U	ug/kg	11	12	U	ug/kg	12	12	U	ug/kg	12	12	U	ug/kg	12
Methylene chloride	11	U	ug/kg	11	12	U	ug/kg	12	12	U	ug/kg	12	12	U	ug/kg	12
Acetone	11	U	ug/kg	11	75	UJ	ug/kg	12	69		ug/kg	12	66		ug/kg	12
Carbon disulfide	11	U	ug/kg	11	12	U	ug/kg	12	12	U	ug/kg	12	12	U	ug/kg	12
1,1-Dichloroethene	11	U	ug/kg	11	12	U	ug/kg	12	49		ug/kg	12	56		ug/kg	12
1,1-Dichloroethane	11	U	ug/kg	11	12	U	ug/kg	12	12	U	ug/kg	12	12	U	ug/kg	12
1,2-Dichloroethene (total)	11	U	ug/kg	11	12	U	ug/kg	12	12	U	ug/kg	12	12	U	ug/kg	12
Chloroform	11	U	ug/kg	11	12	U	ug/kg	12	12	U	ug/kg	12	12	U	ug/kg	12
1,2-Dichloroethane	11	U	ug/kg	11	12	U	ug/kg	12	12	U	ug/kg	12	12	U	ug/kg	12
2-Butanone	11	U	ug/kg	11	12	U	ug/kg	12	12	U	ug/kg	12	12	U	ug/kg	12
1,1,1-Trichloroethane	11	U	ug/kg	11	12	U	ug/kg	12	12	U	ug/kg	12	12	U	ug/kg	12
Carbon tetrachloride	11	U	ug/kg	11	12	U	ug/kg	12	12	U	ug/kg	12	12	U	ug/kg	12
Bromodichloromethane	11	U	ug/kg	11	12	U	ug/kg	12	12	U	ug/kg	12	12	U	ug/kg	12
1,2-Dichloropropane	11	U	ug/kg	11	12	U	ug/kg	12	12	U	ug/kg	12	12	U	ug/kg	12
cis-1,3-Dichloropropene	11	U	ug/kg	11	12	U	ug/kg	12	12	U	ug/kg	12	12	U	ug/kg	12
Trichloroethene	11	U	ug/kg	11	12	U	ug/kg	12	55		ug/kg	12	63		ug/kg	12
Dibromochloromethane	11	U	ug/kg	11	12	U	ug/kg	12	12	U	ug/kg	12	12	U	ug/kg	12
1,1,2-Trichloroethane	11	U	ug/kg	11	12	U	ug/kg	12	12	U	ug/kg	12	12	U	ug/kg	12
Benzene	11	U	ug/kg	11	12	U	ug/kg	12	55		ug/kg	12	63		ug/kg	12
trans-1,3-Dichloropropene	11	U	ug/kg	11	12	U	ug/kg	12	12	U	ug/kg	12	12	U	ug/kg	12
Bromoform	11	U	ug/kg	11	12	U	ug/kg	12	12	U	ug/kg	12	12	U	ug/kg	12
4-Methyl-2-pentanone	11	U	ug/kg	11	12	U	ug/kg	12	12	U	ug/kg	12	12	U	ug/kg	12
2-Hexanone	11	U	ug/kg	11	12	U	ug/kg	12	12	U	ug/kg	12	12	U	ug/kg	12
Tetrachloroethene	11	U	ug/kg	11	12	U	ug/kg	12	12	U	ug/kg	12	12	U	ug/kg	12
Toluene	11	U	ug/kg	11	12	U	ug/kg	12	55		ug/kg	12	64		ug/kg	12
1,1,2,2-Tetrachloroethane	11	U	ug/kg	11	12	U	ug/kg	12	12	U	ug/kg	12	12	U	ug/kg	12
Chlorobenzene	11	U	ug/kg	11	12	U	ug/kg	12	57		ug/kg	12	66		ug/kg	12
Ethylbenzene	11	U	ug/kg	11	12	U	ug/kg	12	12	U	ug/kg	12	12	U	ug/kg	12
Styrene	11	U	ug/kg	11	12	U	ug/kg	12	12	U	ug/kg	12	12	U	ug/kg	12
Xylenes (total)	11	U	ug/kg	11	12	U	ug/kg	12	12	U	ug/kg	12	12	U	ug/kg	12

U = NOT DETECTED J = ESTIMATED VALUE
UJ = REPORTED QUANTITATION LIMIT IS QUALIFIE DAS ESTIMATED
R - RESULT IS REJECTED AND UNUSABLE

08/13/93 WHITING FIELD ANALYTICAL RESULT REPORT 10:30:33
SOIL BORING -- VOLATILES - VALIDATED RESULTS

Lab Sample Number:	34815019				34815020				
Site	WHITING				WHITING				
Locator	29SB3-0-2				29SB3-10-12				
Collect Date:	06-JAN-93				06-JAN-93				
	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	
CLP VOLATILES 90-SOW									
Chloromethane	11	UJ	ug/kg	11	13	UJ	ug/kg	13	
Bromomethane	11	U	ug/kg	11	13	U	ug/kg	13	
Vinyl chloride	11	U	ug/kg	11	13	U	ug/kg	13	
Chloroethane	11	U	ug/kg	11	13	U	ug/kg	13	
Methylene chloride	11	U	ug/kg	11	13	U	ug/kg	13	
Acetone	29	UJ	ug/kg	11	140	J	ug/kg	13	
Carbon disulfide	11	U	ug/kg	11	13	U	ug/kg	13	
1,1-Dichloroethene	11	U	ug/kg	11	13	U	ug/kg	13	
1,1-Dichloroethane	11	U	ug/kg	11	13	U	ug/kg	13	
1,2-Dichloroethene (total)	11	U	ug/kg	11	13	U	ug/kg	13	
Chloroform	11	U	ug/kg	11	13	U	ug/kg	13	
1,2-Dichloroethane	11	U	ug/kg	11	13	U	ug/kg	13	
2-Butanone	11	U	ug/kg	11	13	U	ug/kg	13	
1,1,1-Trichloroethane	11	U	ug/kg	11	13	U	ug/kg	13	
Carbon tetrachloride	11	U	ug/kg	11	13	U	ug/kg	13	
Bromodichloromethane	11	U	ug/kg	11	13	U	ug/kg	13	
1,2-Dichloropropane	11	U	ug/kg	11	13	U	ug/kg	13	
cis-1,3-Dichloropropene	11	U	ug/kg	11	13	U	ug/kg	13	
Trichloroethene	11	U	ug/kg	11	13	U	ug/kg	13	
Dibromochloromethane	11	U	ug/kg	11	13	U	ug/kg	13	
1,1,2-Trichloroethane	11	U	ug/kg	11	13	U	ug/kg	13	
Benzene	11	U	ug/kg	11	13	U	ug/kg	13	
trans-1,3-Dichloropropene	11	U	ug/kg	11	13	U	ug/kg	13	
Bromoform	11	U	ug/kg	11	13	U	ug/kg	13	
4-Methyl-2-pentanone	11	U	ug/kg	11	13	U	ug/kg	13	
2-Hexanone	11	U	ug/kg	11	13	U	ug/kg	13	
Tetrachloroethene	11	U	ug/kg	11	13	U	ug/kg	13	
Toluene	11	U	ug/kg	11	13	U	ug/kg	13	
1,1,2,2-Tetrachloroethane	11	U	ug/kg	11	13	U	ug/kg	13	
Chlorobenzene	11	U	ug/kg	11	13	U	ug/kg	13	
Ethylbenzene	11	U	ug/kg	11	13	U	ug/kg	13	
Styrene	11	U	ug/kg	11	13	U	ug/kg	13	
Xylenes (total)	11	U	ug/kg	11	13	U	ug/kg	13	

U = NOT DETECTED J = ESTIMATED VALUE
UJ = [illegible]PORTED QUANTITATION LIMIT IS QUALIFIE DAS ESTIMATED
R - [illegible]LT IS REJECTED AND UNUSABLE

08/13/93 WHITING FIELD ANALYTICAL RESULT REPORT 10:31:15
SOIL BORING -- VOLATILES - VALIDATED RESULTS

Lab Sample Number:	34815009				34815009RE				34815010				34815011			
Site	WHITING				WHITING				WHITING				WHITING			
Locator	29SB4-0-2				29SB4-0-2RE				29SB4-5-7				29SB4-15-17			
Collect Date:	06-JAN-93				06-JAN-93				06-JAN-93				06-JAN-93			
	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL
CLP VOLATILES 90-SOW																
Chloromethane	11	U	ug/kg	11	27	U	ug/kg	27	11	U	ug/kg	11	12	U	ug/kg	12
Bromomethane	11	U	ug/kg	11	27	U	ug/kg	27	11	U	ug/kg	11	12	U	ug/kg	12
Vinyl chloride	11	U	ug/kg	11	27	U	ug/kg	27	11	U	ug/kg	11	12	U	ug/kg	12
Chloroethane	11	U	ug/kg	11	27	U	ug/kg	27	11	U	ug/kg	11	12	U	ug/kg	12
Methylene chloride	11	U	ug/kg	11	27	U	ug/kg	27	11	U	ug/kg	11	12	U	ug/kg	12
Acetone	400	J	ug/kg	11	400	J	ug/kg	27	110	UJ	ug/kg	11	100	UJ	ug/kg	12
Carbon disulfide	11	U	ug/kg	11	27	U	ug/kg	27	11	U	ug/kg	11	12	U	ug/kg	12
1,1-Dichloroethene	11	U	ug/kg	11	27	U	ug/kg	27	11	U	ug/kg	11	12	U	ug/kg	12
1,1-Dichloroethane	11	U	ug/kg	11	27	U	ug/kg	27	11	U	ug/kg	11	12	U	ug/kg	12
1,2-Dichloroethene (total)	11	U	ug/kg	11	27	U	ug/kg	27	11	U	ug/kg	11	12	U	ug/kg	12
Chloroform	11	U	ug/kg	11	27	U	ug/kg	27	11	U	ug/kg	11	12	U	ug/kg	12
1,2-Dichloroethane	11	U	ug/kg	11	27	U	ug/kg	27	11	U	ug/kg	11	12	U	ug/kg	12
2-Butanone	4	J	ug/kg	11	27	U	ug/kg	27	13		ug/kg	11	12	U	ug/kg	12
1,1,1-Trichloroethane	11	U	ug/kg	11	27	U	ug/kg	27	11	U	ug/kg	11	12	U	ug/kg	12
Carbon tetrachloride	11	U	ug/kg	11	27	U	ug/kg	27	11	U	ug/kg	11	12	U	ug/kg	12
Bromodichloromethane	11	U	ug/kg	11	27	U	ug/kg	27	11	U	ug/kg	11	12	U	ug/kg	12
1,2-Dichloropropane	11	U	ug/kg	11	27	U	ug/kg	27	11	U	ug/kg	11	12	U	ug/kg	12
cis-1,3-Dichloropropene	11	U	ug/kg	11	27	U	ug/kg	27	11	U	ug/kg	11	12	U	ug/kg	12
Trichloroethene	11	U	ug/kg	11	27	U	ug/kg	27	11	U	ug/kg	11	12	U	ug/kg	12
Dibromochloromethane	11	U	ug/kg	11	27	U	ug/kg	27	11	U	ug/kg	11	12	U	ug/kg	12
1,1,2-Trichloroethane	11	U	ug/kg	11	27	U	ug/kg	27	11	U	ug/kg	11	12	U	ug/kg	12
Benzene	11	U	ug/kg	11	27	U	ug/kg	27	11	U	ug/kg	11	12	U	ug/kg	12
trans-1,3-Dichloropropene	11	U	ug/kg	11	27	U	ug/kg	27	11	U	ug/kg	11	12	U	ug/kg	12
Bromoform	11	U	ug/kg	11	27	U	ug/kg	27	11	U	ug/kg	11	12	U	ug/kg	12
4-Methyl-2-pentanone	11	U	ug/kg	11	27	U	ug/kg	27	11	U	ug/kg	11	12	U	ug/kg	12
2-Hexanone	11	U	ug/kg	11	27	U	ug/kg	27	11	U	ug/kg	11	12	U	ug/kg	12
Tetrachloroethene	11	U	ug/kg	11	27	U	ug/kg	27	11	U	ug/kg	11	12	U	ug/kg	12
Toluene	11	U	ug/kg	11	27	U	ug/kg	27	11	U	ug/kg	11	12	U	ug/kg	12
1,1,2,2-Tetrachloroethane	11	U	ug/kg	11	27	U	ug/kg	27	11	U	ug/kg	11	12	U	ug/kg	12
Chlorobenzene	11	U	ug/kg	11	27	U	ug/kg	27	11	U	ug/kg	11	12	U	ug/kg	12
Ethylbenzene	11	U	ug/kg	11	27	U	ug/kg	27	11	U	ug/kg	11	12	U	ug/kg	12
Styrene	11	U	ug/kg	11	27	U	ug/kg	27	11	U	ug/kg	11	12	U	ug/kg	12
Xylenes (total)	11	U	ug/kg	11	27	U	ug/kg	27	11	U	ug/kg	11	12	U	ug/kg	12

U = NOT DETECTED J = ESTIMATED VALUE
UJ = REPORTED QUANTITATION LIMIT IS QUALIFIE DAS ESTIMATED
R - RESULT IS REJECTED AND UNUSABLE

08/13/93 WHITING FIELD ANAL..ICAL RESULT REPORT 10:32:08
SOIL BORING -- VOLATILES - VALIDATED RESULTS

Lab Sample Number:	34815013				34815014				34815015				34815016			
Site	WHITING				WHITING				WHITING				WHITING			
Locator	29SB5-0-2				29SB5-5-7				29SB5-10-12				29SB5-15-17			
Collect Date:	06-JAN-93				06-JAN-93				06-JAN-93				06-JAN-93			
	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL
CLP VOLATILES 90-SOW																
Chloromethane	11	U	ug/kg	11	12	UJ	ug/kg	12	12	UJ	ug/kg	12	11	UJ	ug/kg	11
Bromomethane	11	U	ug/kg	11	12	U	ug/kg	12	12	U	ug/kg	12	11	U	ug/kg	11
Vinyl chloride	11	U	ug/kg	11	12	U	ug/kg	12	12	U	ug/kg	12	11	U	ug/kg	11
Chloroethane	11	U	ug/kg	11	12	U	ug/kg	12	12	U	ug/kg	12	11	U	ug/kg	11
Methylene chloride	11	U	ug/kg	11	12	U	ug/kg	12	12	U	ug/kg	12	11	U	ug/kg	11
Acetone	35	J	ug/kg	11	170	J	ug/kg	12	240	J	ug/kg	12	82	UJ	ug/kg	11
Carbon disulfide	11	U	ug/kg	11	12	U	ug/kg	12	12	U	ug/kg	12	11	U	ug/kg	11
1,1-Dichloroethene	11	U	ug/kg	11	12	U	ug/kg	12	12	U	ug/kg	12	11	U	ug/kg	11
1,1-Dichloroethane	11	U	ug/kg	11	12	U	ug/kg	12	12	U	ug/kg	12	11	U	ug/kg	11
1,2-Dichloroethene (total)	11	U	ug/kg	11	12	U	ug/kg	12	12	U	ug/kg	12	11	U	ug/kg	11
Chloroform	11	U	ug/kg	11	12	U	ug/kg	12	12	U	ug/kg	12	11	U	ug/kg	11
1,2-Dichloroethane	11	U	ug/kg	11	12	U	ug/kg	12	12	U	ug/kg	12	11	U	ug/kg	11
2-Butanone	11	U	ug/kg	11	12	U	ug/kg	12	12	U	ug/kg	12	11	U	ug/kg	11
1,1,1-Trichloroethane	11	U	ug/kg	11	12	U	ug/kg	12	12	U	ug/kg	12	11	U	ug/kg	11
Carbon tetrachloride	11	U	ug/kg	11	12	U	ug/kg	12	12	U	ug/kg	12	11	U	ug/kg	11
Bromodichloromethane	11	U	ug/kg	11	12	U	ug/kg	12	12	U	ug/kg	12	11	U	ug/kg	11
1,2-Dichloropropane	11	U	ug/kg	11	12	U	ug/kg	12	12	U	ug/kg	12	11	U	ug/kg	11
cis-1,3-Dichloropropene	11	U	ug/kg	11	12	U	ug/kg	12	12	U	ug/kg	12	11	U	ug/kg	11
Trichloroethene	11	U	ug/kg	11	12	U	ug/kg	12	12	U	ug/kg	12	11	U	ug/kg	11
Dibromochloromethane	11	U	ug/kg	11	12	U	ug/kg	12	12	U	ug/kg	12	11	U	ug/kg	11
1,1,2-Trichloroethane	11	U	ug/kg	11	12	U	ug/kg	12	12	U	ug/kg	12	11	U	ug/kg	11
Benzene	11	U	ug/kg	11	12	U	ug/kg	12	12	U	ug/kg	12	11	U	ug/kg	11
trans-1,3-Dichloropropene	11	U	ug/kg	11	12	U	ug/kg	12	12	U	ug/kg	12	11	U	ug/kg	11
Bromoform	11	U	ug/kg	11	12	U	ug/kg	12	12	U	ug/kg	12	11	U	ug/kg	11
4-Methyl-2-pentanone	11	U	ug/kg	11	12	U	ug/kg	12	12	U	ug/kg	12	11	U	ug/kg	11
2-Hexanone	11	U	ug/kg	11	12	U	ug/kg	12	12	U	ug/kg	12	11	U	ug/kg	11
Tetrachloroethene	11	U	ug/kg	11	12	U	ug/kg	12	12	U	ug/kg	12	11	U	ug/kg	11
Toluene	11	U	ug/kg	11	12	U	ug/kg	12	12	U	ug/kg	12	11	U	ug/kg	11
1,1,2,2-Tetrachloroethane	11	U	ug/kg	11	12	U	ug/kg	12	12	U	ug/kg	12	11	U	ug/kg	11
Chlorobenzene	11	U	ug/kg	11	12	U	ug/kg	12	12	U	ug/kg	12	11	U	ug/kg	11
Ethylbenzene	11	U	ug/kg	11	12	U	ug/kg	12	12	U	ug/kg	12	11	U	ug/kg	11
Styrene	11	U	ug/kg	11	12	U	ug/kg	12	12	U	ug/kg	12	11	U	ug/kg	11
Xylenes (total)	11	U	ug/kg	11	12	U	ug/kg	12	12	U	ug/kg	12	11	U	ug/kg	11

U = NOT DETECTED J = ESTIMATED VALUE
UJ = ..EPORTED QUANTITATION LIMIT IS QUALIFIE DAS ESTIMATED
R = ..ULT IS REJECTED AND UNUSABLE

08/13/93 WHITING FIELD ANALYTICAL RESULT REPORT 10:32:59
SOIL BORING -- VOLATILES -- VALIDATED RESULTS

Lab Sample Number: 34823008
Site: WHITING
Locator: 29SBTB4
Collect Date: 07-JAN-93

	VALUE	QUAL	UNITS	DL
CLP VOLATILES 90-SOW				
Chloromethane	10	UJ	ug/l	10
Bromomethane	10	U	ug/l	10
Vinyl chloride	10	U	ug/l	10
Chloroethane	10	U	ug/l	10
Methylene chloride	3	J	ug/l	10
Acetone	11	J	ug/l	10
Carbon disulfide	10	U	ug/l	10
1,1-Dichloroethene	10	U	ug/l	10
1,1-Dichloroethane	10	U	ug/l	10
1,2-Dichloroethene (total)	10	U	ug/l	10
Chloroform	10	U	ug/l	10
1,2-Dichloroethane	10	U	ug/l	10
2-Butanone	10	U	ug/l	10
1,1,1-Trichloroethane	10	U	ug/l	10
Carbon tetrachloride	10	U	ug/l	10
Bromodichloromethane	10	U	ug/l	10
1,2-Dichloropropane	10	U	ug/l	10
cis-1,3-Dichloropropene	10	U	ug/l	10
Trichloroethene	10	U	ug/l	10
Dibromochloromethane	10	U	ug/l	10
1,1,2-Trichloroethane	10	U	ug/l	10
Benzene	10	U	ug/l	10
trans-1,3-Dichloropropene	10	U	ug/l	10
Bromoform	10	U	ug/l	10
4-Methyl-2-pentanone	10	U	ug/l	10
2-Hexanone	10	U	ug/l	10
Tetrachloroethene	10	U	ug/l	10
Toluene	10	U	ug/l	10
1,1,2,2-Tetrachloroethane	10	U	ug/l	10
Chlorobenzene	10	U	ug/l	10
Ethylbenzene	10	U	ug/l	10
Styrene	10	U	ug/l	10
Xylenes (total)	10	U	ug/l	10

U = NOT DETECTED J = ESTIMATED VALUE
UJ = REPORTED QUANTITATION LIMIT IS QUALIFIE DAS ESTIMATED
R - RESULT IS REJECTED AND UNUSABLE

SORING BORING -- SEMIVOLATILES - VALIDATED RESULTS

Lab Sample Number:	34824001				34824002				34824001MS				34824001MS			
Site	WHITING				WHITING				WHITING				WHITING			
Locator	29SB1-0-2				29SB1-0-2A				29SB1-0-2MS				29SB1-0-2MSD			
Collect Date:	07-JAN-93				07-JAN-93				07-JAN-93				07-JAN-93			
	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL
CLP SEMIVOLATILES 90-SOW																
Phenol	350	U	ug/kg	350	350	U	ug/kg	350	350	U	ug/kg	350	350	U	ug/kg	350
bis(2-Chloroethyl) ether	350	U	ug/kg	350	350	U	ug/kg	350	350	U	ug/kg	350	350	U	ug/kg	350
2-Chlorophenol	350	U	ug/kg	350	350	U	ug/kg	350	350	U	ug/kg	350	350	U	ug/kg	350
1,3-Dichlorobenzene	350	U	ug/kg	350	350	U	ug/kg	350	350	U	ug/kg	350	350	U	ug/kg	350
1,4-Dichlorobenzene	350	U	ug/kg	350	350	U	ug/kg	350	350	U	ug/kg	350	350	U	ug/kg	350
1,2-Dichlorobenzene	350	U	ug/kg	350	350	U	ug/kg	350	350	U	ug/kg	350	350	U	ug/kg	350
2-Methylphenol	350	U	ug/kg	350	350	U	ug/kg	350	350	U	ug/kg	350	350	U	ug/kg	350
2,2-oxybis(1-Chloropropane)	350	U	ug/kg	350	350	U	ug/kg	350	350	U	ug/kg	350	350	U	ug/kg	350
4-Methylphenol	350	U	ug/kg	350	350	U	ug/kg	350	350	U	ug/kg	350	350	U	ug/kg	350
N-Nitroso-di-n-propylamine	350	U	ug/kg	350	350	U	ug/kg	350	350	U	ug/kg	350	350	U	ug/kg	350
Hexachloroethane	350	U	ug/kg	350	350	U	ug/kg	350	350	U	ug/kg	350	350	U	ug/kg	350
Nitrobenzene	350	U	ug/kg	350	350	U	ug/kg	350	350	U	ug/kg	350	350	U	ug/kg	350
Isophorone	350	U	ug/kg	350	350	U	ug/kg	350	350	U	ug/kg	350	350	U	ug/kg	350
2-Nitrophenol	350	U	ug/kg	350	350	U	ug/kg	350	350	U	ug/kg	350	350	U	ug/kg	350
2,4-Dimethylphenol	350	U	ug/kg	350	350	U	ug/kg	350	350	U	ug/kg	350	350	U	ug/kg	350
bis(2-Chloroethoxy) methane	350	U	ug/kg	350	350	U	ug/kg	350	350	U	ug/kg	350	350	U	ug/kg	350
2,4-Dichlorophenol	350	U	ug/kg	350	350	U	ug/kg	350	350	U	ug/kg	350	350	U	ug/kg	350
1,2,4-Trichlorobenzene	350	U	ug/kg	350	350	U	ug/kg	350	350	U	ug/kg	350	350	U	ug/kg	350
Naphthalene	350	U	ug/kg	350	350	U	ug/kg	350	350	U	ug/kg	350	350	U	ug/kg	350
4-Chloroaniline	350	U	ug/kg	350	350	U	ug/kg	350	350	U	ug/kg	350	350	U	ug/kg	350
Hexachlorobutadiene	350	U	ug/kg	350	350	U	ug/kg	350	350	U	ug/kg	350	350	U	ug/kg	350
4-Chloro-3-methylphenol	350	U	ug/kg	350	350	U	ug/kg	350	350	U	ug/kg	350	350	U	ug/kg	350
2-Methylnaphthalene	350	U	ug/kg	350	350	U	ug/kg	350	350	U	ug/kg	350	350	U	ug/kg	350
Hexachlorocyclopentadiene	350	U	ug/kg	350	350	U	ug/kg	350	350	U	ug/kg	350	350	U	ug/kg	350
2,4,6-Trichlorophenol	350	U	ug/kg	350	350	U	ug/kg	350	350	U	ug/kg	350	350	U	ug/kg	350
2,4,5-Trichlorophenol	850	U	ug/kg	850	850	U	ug/kg	850	850	U	ug/kg	850	850	U	ug/kg	850
2-Chloronaphthalene	350	U	ug/kg	350	350	U	ug/kg	350	350	U	ug/kg	350	350	U	ug/kg	350
2-Nitroaniline	850	U	ug/kg	850	850	U	ug/kg	850	850	U	ug/kg	850	850	U	ug/kg	850
Dimethylphthalate	350	U	ug/kg	350	350	U	ug/kg	350	350	U	ug/kg	350	350	U	ug/kg	350
Acenaphthylene	350	U	ug/kg	350	350	U	ug/kg	350	350	U	ug/kg	350	350	U	ug/kg	350
2,6-Dinitrotoluene	350	U	ug/kg	350	350	U	ug/kg	350	350	U	ug/kg	350	350	U	ug/kg	350
3-Nitroaniline	850	U	ug/kg	850	850	U	ug/kg	850	850	U	ug/kg	850	850	U	ug/kg	850
Acenaphthene	350	U	ug/kg	350	350	U	ug/kg	350	350	U	ug/kg	350	350	U	ug/kg	350
2,4-Dinitrophenol	850	UJ	ug/kg	850	850	UJ	ug/kg	850	850	U	ug/kg	850	850	U	ug/kg	850
4-Nitrophenol	850	UJ	ug/kg	850	850	UJ	ug/kg	850	850	U	ug/kg	850	850	U	ug/kg	850
Dibenzofuran	350	U	ug/kg	350	350	U	ug/kg	350	350	U	ug/kg	350	350	U	ug/kg	350
2,4-Dinitrotoluene	350	U	ug/kg	350	350	U	ug/kg	350	350	U	ug/kg	350	350	U	ug/kg	350
Diethylphthalate	350	U	ug/kg	350	350	U	ug/kg	350	350	U	ug/kg	350	350	U	ug/kg	350
4-Chlorophenyl-phenylether	350	U	ug/kg	350	350	U	ug/kg	350	350	U	ug/kg	350	350	U	ug/kg	350
Fluorene	350	U	ug/kg	350	350	U	ug/kg	350	350	U	ug/kg	350	350	U	ug/kg	350
4-Nitroaniline	850	UJ	ug/kg	850	850	UJ	ug/kg	850	850	U	ug/kg	850	850	U	ug/kg	850
4,6-Dinitro-2-methylphenol	850	U	ug/kg	850	850	U	ug/kg	850	850	U	ug/kg	850	850	U	ug/kg	850
N-Nitrosodiphenylamine (1)	350	U	ug/kg	350	350	U	ug/kg	350	350	U	ug/kg	350	350	U	ug/kg	350
4-Bromophenyl-phenylether	350	U	ug/kg	350	350	U	ug/kg	350	350	U	ug/kg	350	350	U	ug/kg	350
Hexachlorobenzene	350	U	ug/kg	350	350	U	ug/kg	350	350	U	ug/kg	350	350	U	ug/kg	350
Pentachlorophenol	850	U	ug/kg	850	850	U	ug/kg	850	850	U	ug/kg	850	850	U	ug/kg	850
Phenanthrene	350	U	ug/kg	350	350	U	ug/kg	350	350	U	ug/kg	350	350	U	ug/kg	350
Anthracene	350	U	ug/kg	350	350	U	ug/kg	350	350	U	ug/kg	350	350	U	ug/kg	350
Carbazole	350	U	ug/kg	350	350	U	ug/kg	350	350	U	ug/kg	350	350	U	ug/kg	350
Di-n-butylphthalate	350	U	ug/kg	350	350	U	ug/kg	350	350	U	ug/kg	350	350	U	ug/kg	350
Fluoranthene	350	U	ug/kg	350	350	U	ug/kg	350	350	U	ug/kg	350	350	U	ug/kg	350
Pyrene	350	U	ug/kg	350	350	U	ug/kg	350	350	U	ug/kg	350	350	U	ug/kg	350
Butylbenzylphthalate	350	U	ug/kg	350	350	U	ug/kg	350	350	U	ug/kg	350	350	U	ug/kg	350

08/13/93 WHITING FIELD ANALYTICAL RESULT REPORT 09:41:25
SORING BORING -- SEMIVOLATILES - VALIDATED RESULTS

Lab Sample Number:	34824001				34824002				34824001MS				34824001MS			
Site	WHITING				WHITING				WHITING				WHITING			
Locator	29SB1-0-2				29SB1-0-2A				29SB1-0-2MS				29SB1-0-2MSD			
Collect Date:	07-JAN-93				07-JAN-93				07-JAN-93				07-JAN-93			
	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL
3,3-Dichlorobenzidine	350	U	ug/kg	350	350	U	ug/kg	350	350	U	ug/kg	350	350	U	ug/kg	350
Benzo (a) anthracene	350	U	ug/kg	350	350	U	ug/kg	350	350	U	ug/kg	350	350	U	ug/kg	350
Chrysene	350	U	ug/kg	350	350	U	ug/kg	350	350	U	ug/kg	350	350	U	ug/kg	350
bis(2-Ethylhexyl) phthalate	350	U	ug/kg	350	350	U	ug/kg	350	350	U	ug/kg	350	40	J	ug/kg	350
Di-n-octylphthalate	350	U	ug/kg	350	350	U	ug/kg	350	350	U	ug/kg	350	350	U	ug/kg	350
Benzo (b) fluoranthene	350	U	ug/kg	350	350	U	ug/kg	350	350	U	ug/kg	350	350	U	ug/kg	350
Benzo (k) fluoranthene	350	U	ug/kg	350	350	U	ug/kg	350	350	U	ug/kg	350	350	U	ug/kg	350
Benzo (a) pyrene	350	U	ug/kg	350	350	U	ug/kg	350	350	U	ug/kg	350	350	U	ug/kg	350
Indeno (1,2,3-cd) pyrene	350	U	ug/kg	350	350	U	ug/kg	350	350	U	ug/kg	350	350	U	ug/kg	350
Dibenz (a,h) anthracene	350	U	ug/kg	350	350	U	ug/kg	350	350	U	ug/kg	350	350	U	ug/kg	350
Benzo (g,h,i) perylene	350	U	ug/kg	350	350	U	ug/kg	350	350	U	ug/kg	350	350	U	ug/kg	350

U = NOT DETECTED J = ESTIMATED VALUE
UJ = REPORTED QUANTITATION LIMIT IS QUALIFIED AS ESTIMATED
R = RESULT IS REJECTED AND UNUSABLE

08/13/93 WHITING FIELD ANALYTICAL RESULT REPORT 09:41:25
SORING BORING -- SEMIVOLATILES - VALIDATED RESULTS

Lab Sample Number:	34823007				34823006				34846007				34846007			
Site	WHITING				WHITING				WHITING				WHITING			
Locator	29SB1-5-7				29SB1-60-62				29SB1-125				29SB1-125-127			
Collect Date:	07-JAN-93				07-JAN-93				12-JAN-93				12-JAN-93			
	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL
CLP SEMIVOLATILES 90-SOW																
Phenol	390	U	ug/kg	390	350	U	ug/kg	350	350	U	ug/kg	350	350	U	ug/kg	350
bis(2-Chloroethyl) ether	390	U	ug/kg	390	350	U	ug/kg	350	350	U	ug/kg	350	350	U	ug/kg	350
2-Chlorophenol	390	U	ug/kg	390	350	U	ug/kg	350	350	U	ug/kg	350	350	U	ug/kg	350
1,3-Dichlorobenzene	390	U	ug/kg	390	350	U	ug/kg	350	350	U	ug/kg	350	350	U	ug/kg	350
1,4-Dichlorobenzene	390	U	ug/kg	390	350	U	ug/kg	350	350	U	ug/kg	350	350	U	ug/kg	350
1,2-Dichlorobenzene	390	U	ug/kg	390	350	U	ug/kg	350	350	U	ug/kg	350	350	U	ug/kg	350
2-Methylphenol	390	U	ug/kg	390	350	U	ug/kg	350	350	U	ug/kg	350	350	U	ug/kg	350
2,2-oxybis(1-Chloropropane)	390	U	ug/kg	390	350	U	ug/kg	350	350	U	ug/kg	350	350	U	ug/kg	350
4-Methylphenol	390	U	ug/kg	390	350	U	ug/kg	350	350	U	ug/kg	350	350	U	ug/kg	350
N-Nitroso-di-n-propylamine	390	U	ug/kg	390	350	U	ug/kg	350	350	U	ug/kg	350	350	U	ug/kg	350
Hexachloroethane	390	U	ug/kg	390	350	U	ug/kg	350	350	U	ug/kg	350	350	U	ug/kg	350
Nitrobenzene	390	U	ug/kg	390	350	U	ug/kg	350	350	U	ug/kg	350	350	U	ug/kg	350
Isophorone	390	U	ug/kg	390	350	U	ug/kg	350	350	U	ug/kg	350	350	U	ug/kg	350
2-Nitrophenol	390	U	ug/kg	390	350	U	ug/kg	350	350	U	ug/kg	350	350	U	ug/kg	350
2,4-Dimethylphenol	390	U	ug/kg	390	350	U	ug/kg	350	350	U	ug/kg	350	350	U	ug/kg	350
bis(2-Chloroethoxy) methane	390	U	ug/kg	390	350	U	ug/kg	350	350	U	ug/kg	350	350	U	ug/kg	350
2,4-Dichlorophenol	390	U	ug/kg	390	350	U	ug/kg	350	350	U	ug/kg	350	350	U	ug/kg	350
1,2,4-Trichlorobenzene	390	U	ug/kg	390	350	U	ug/kg	350	350	U	ug/kg	350	350	U	ug/kg	350
Naphthalene	390	U	ug/kg	390	350	U	ug/kg	350	350	U	ug/kg	350	350	U	ug/kg	350
4-Chloroaniline	390	U	ug/kg	390	350	U	ug/kg	350	350	U	ug/kg	350	350	U	ug/kg	350
Hexachlorobutadiene	390	U	ug/kg	390	350	U	ug/kg	350	350	U	ug/kg	350	350	U	ug/kg	350
4-Chloro-3-methylphenol	390	U	ug/kg	390	350	U	ug/kg	350	350	U	ug/kg	350	350	U	ug/kg	350
2-Methylnaphthalene	390	U	ug/kg	390	350	U	ug/kg	350	350	U	ug/kg	350	350	U	ug/kg	350
Hexachlorocyclopentadiene	390	U	ug/kg	390	350	U	ug/kg	350	350	U	ug/kg	350	350	U	ug/kg	350
2,4,6-Trichlorophenol	390	U	ug/kg	390	350	U	ug/kg	350	350	U	ug/kg	350	350	U	ug/kg	350
2,4,5-Trichlorophenol	950	U	ug/kg	950	860	U	ug/kg	860	840	U	ug/kg	840	840	U	ug/kg	840
2-Chloronaphthalene	390	U	ug/kg	390	350	U	ug/kg	350	350	U	ug/kg	350	350	U	ug/kg	350
2-Nitroaniline	950	U	ug/kg	950	860	U	ug/kg	860	840	U	ug/kg	840	840	U	ug/kg	840
Dimethylphthalate	390	U	ug/kg	390	350	U	ug/kg	350	350	U	ug/kg	350	350	U	ug/kg	350
Acenaphthylene	390	U	ug/kg	390	350	U	ug/kg	350	350	U	ug/kg	350	350	U	ug/kg	350
2,6-Dinitrotoluene	390	U	ug/kg	390	350	U	ug/kg	350	350	U	ug/kg	350	350	U	ug/kg	350
3-Nitroaniline	950	U	ug/kg	950	860	U	ug/kg	860	840	U	ug/kg	840	840	U	ug/kg	840
Acenaphthene	390	U	ug/kg	390	350	U	ug/kg	350	350	U	ug/kg	350	350	U	ug/kg	350
2,4-Dinitrophenol	950	UJ	ug/kg	950	860	UJ	ug/kg	860	840	U	ug/kg	840	840	U	ug/kg	840
4-Nitrophenol	950	UJ	ug/kg	950	860	UJ	ug/kg	860	840	U	ug/kg	840	840	U	ug/kg	840
Dibenzofuran	390	U	ug/kg	390	350	U	ug/kg	350	350	U	ug/kg	350	350	U	ug/kg	350
2,4-Dinitrotoluene	390	U	ug/kg	390	350	U	ug/kg	350	350	U	ug/kg	350	350	U	ug/kg	350
Diethylphthalate	390	U	ug/kg	390	350	U	ug/kg	350	350	U	ug/kg	350	350	U	ug/kg	350
4-Chlorophenyl-phenylether	390	U	ug/kg	390	350	U	ug/kg	350	350	U	ug/kg	350	350	U	ug/kg	350
Fluorene	390	U	ug/kg	390	350	U	ug/kg	350	350	U	ug/kg	350	350	U	ug/kg	350
4-Nitroaniline	950	UJ	ug/kg	950	860	UJ	ug/kg	860	840	U	ug/kg	840	840	U	ug/kg	840
4,6-Dinitro-2-methylphenol	950	U	ug/kg	950	860	U	ug/kg	860	840	U	ug/kg	840	840	U	ug/kg	840
N-Nitrosodiphenylamine (1)	390	U	ug/kg	390	350	U	ug/kg	350	350	U	ug/kg	350	350	U	ug/kg	350
4-Bromophenyl-phenylether	390	U	ug/kg	390	350	U	ug/kg	350	350	U	ug/kg	350	350	U	ug/kg	350
Hexachlorobenzene	390	U	ug/kg	390	350	U	ug/kg	350	350	U	ug/kg	350	350	U	ug/kg	350
Pentachlorophenol	950	U	ug/kg	950	860	U	ug/kg	860	840	U	ug/kg	840	840	U	ug/kg	840
Phenanthrene	390	U	ug/kg	390	350	U	ug/kg	350	350	U	ug/kg	350	350	U	ug/kg	350
Anthracene	390	U	ug/kg	390	350	U	ug/kg	350	350	U	ug/kg	350	350	U	ug/kg	350
Carbazole	390	U	ug/kg	390	350	U	ug/kg	350	350	U	ug/kg	350	350	U	ug/kg	350
Di-n-butylphthalate	390	U	ug/kg	390	350	U	ug/kg	350	350	U	ug/kg	350	350	U	ug/kg	350
Fluoranthene	390	U	ug/kg	390	350	U	ug/kg	350	350	U	ug/kg	350	350	U	ug/kg	350
Pyrene	390	U	ug/kg	390	350	U	ug/kg	350	350	U	ug/kg	350	350	U	ug/kg	350

08/13/93 WHITING FIELD ANAL..ICAL RESULT REPORT 09:41:25
SORING BORING -- SEMIVOLATILES - VALIDATED RESULTS

Lab Sample Number:	34823007				34823006				34846007				34846007			
Site	WHITING				WHITING				WHITING				WHITING			
Locator	29SB1-5-7				29SB1-60-62				29SB1-125				29SB1-125-127			
Collect Date:	07-JAN-93				07-JAN-93				12-JAN-93				12-JAN-93			
	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL
Butylbenzylphthalate	390	U	ug/kg	390	350	U	ug/kg	350	350	U	ug/kg	350	350	U	ug/kg	350
3,3-Dichlorobenzidine	390	U	ug/kg	390	350	U	ug/kg	350	350	U	ug/kg	350	350	U	ug/kg	350
Benzo (a) anthracene	390	U	ug/kg	390	350	U	ug/kg	350	350	U	ug/kg	350	350	U	ug/kg	350
Chrysene	390	U	ug/kg	390	350	U	ug/kg	350	350	U	ug/kg	350	350	U	ug/kg	350
bis(2-Ethylhexyl) phthalate	390	UJ	ug/kg	390	350	UJ	ug/kg	350	350	UJ	ug/kg	350	350	UJ	ug/kg	350
Di-n-octylphthalate	390	U	ug/kg	390	350	U	ug/kg	350	350	U	ug/kg	350	350	U	ug/kg	350
Benzo (b) fluoranthene	390	U	ug/kg	390	350	U	ug/kg	350	350	U	ug/kg	350	350	U	ug/kg	350
Benzo (k) fluoranthene	390	U	ug/kg	390	350	U	ug/kg	350	350	U	ug/kg	350	350	U	ug/kg	350
Benzo (a) pyrene	390	U	ug/kg	390	350	U	ug/kg	350	350	U	ug/kg	350	350	U	ug/kg	350
Indeno (1,2,3-cd) pyrene	390	U	ug/kg	390	350	U	ug/kg	350	350	U	ug/kg	350	350	U	ug/kg	350
Dibenz (a,h) anthracene	390	U	ug/kg	390	350	U	ug/kg	350	350	U	ug/kg	350	350	U	ug/kg	350
Benzo (g,h,i) perylene	390	U	ug/kg	390	350	U	ug/kg	350	350	U	ug/kg	350	350	U	ug/kg	350

U = NOT DETECTED J = ESTIMATED VALUE
UJ = ..PORTED QUANTITATION LIMIT IS QUALIFIE DAS ESTIMATED
R = ..LT IS REJECTED AND UNUSABLE

08/13/93 WHITING FIELD ANALYTICAL RESULT REPORT 09:44:17
SORING BORING -- SEMIVOLATILES - VALIDATED RESULTS

Lab Sample Number:	34815007				34815008				34815008MS				34815008MS			
Site	WHITING				WHITING				WHITING				WHITING			
Locator	29SB2-0-2				29SB2-12-14				29SB2-12-14				29SB2-12-14			
Collect Date:	06-JAN-93				06-JAN-93				06-JAN-93				06-JAN-93			
	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL
CLP SEMIVOLATILES 90-SOW																
Phenol	360	U	ug/kg	360	410	U	ug/kg	410	-				-			
bis(2-Chloroethyl) ether	360	U	ug/kg	360	410	U	ug/kg	410	-				-			
2-Chlorophenol	360	U	ug/kg	360	410	U	ug/kg	410	-				-			
1,3-Dichlorobenzene	360	U	ug/kg	360	410	U	ug/kg	410	-				-			
1,4-Dichlorobenzene	360	U	ug/kg	360	410	U	ug/kg	410	-				-			
1,2-Dichlorobenzene	360	U	ug/kg	360	410	U	ug/kg	410	-				-			
2-Methylphenol	360	U	ug/kg	360	410	U	ug/kg	410	-				-			
2,2-oxybis(1-Chloropropane)	360	U	ug/kg	360	410	U	ug/kg	410	-				-			
4-Methylphenol	360	U	ug/kg	360	410	U	ug/kg	410	-				-			
N-Nitroso-di-n-propylamine	360	U	ug/kg	360	410	U	ug/kg	410	-				-			
Hexachloroethane	360	U	ug/kg	360	410	U	ug/kg	410	-				-			
Nitrobenzene	360	UJ	ug/kg	360	410	UJ	ug/kg	410	-				-			
Isophorone	360	U	ug/kg	360	410	U	ug/kg	410	-				-			
2-Nitrophenol	360	U	ug/kg	360	410	U	ug/kg	410	-				-			
2,4-Dimethylphenol	360	U	ug/kg	360	410	U	ug/kg	410	-				-			
bis(2-Chloroethoxy) methane	360	U	ug/kg	360	410	U	ug/kg	410	-				-			
2,4-Dichlorophenol	360	U	ug/kg	360	410	U	ug/kg	410	-				-			
1,2,4-Trichlorobenzene	360	U	ug/kg	360	410	U	ug/kg	410	-				-			
Naphthalene	360	U	ug/kg	360	410	U	ug/kg	410	-				-			
4-Chloroaniline	360	UJ	ug/kg	360	410	UJ	ug/kg	410	-				-			
Hexachlorobutadiene	360	U	ug/kg	360	410	U	ug/kg	410	-				-			
4-Chloro-3-methylphenol	360	U	ug/kg	360	410	U	ug/kg	410	-				-			
2-Methylnaphthalene	360	U	ug/kg	360	410	U	ug/kg	410	-				-			
Hexachlorocyclopentadiene	360	U	ug/kg	360	410	U	ug/kg	410	-				-			
2,4,6-Trichlorophenol	360	U	ug/kg	360	410	U	ug/kg	410	-				-			
2,4,5-Trichlorophenol	870	U	ug/kg	870	990	U	ug/kg	990	-				-			
2-Chloronaphthalene	360	U	ug/kg	360	410	U	ug/kg	410	-				-			
2-Nitroaniline	870	U	ug/kg	870	990	U	ug/kg	990	-				-			
Dimethylphthalate	360	U	ug/kg	360	410	U	ug/kg	410	-				-			
Acenaphthylene	360	U	ug/kg	360	410	U	ug/kg	410	-				-			
2,6-Dinitrotoluene	360	U	ug/kg	360	410	U	ug/kg	410	-				-			
3-Nitroaniline	870	U	ug/kg	870	990	U	ug/kg	990	-				-			
Acenaphthene	360	U	ug/kg	360	410	U	ug/kg	410	-				-			
2,4-Dinitrophenol	870	UJ	ug/kg	870	990	UJ	ug/kg	990	-				-			
4-Nitrophenol	870	U	ug/kg	870	990	U	ug/kg	990	-				-			
Dibenzofuran	360	U	ug/kg	360	410	U	ug/kg	410	-				-			
2,4-Dinitrotoluene	360	U	ug/kg	360	410	U	ug/kg	410	-				-			
Diethylphthalate	360	U	ug/kg	360	410	U	ug/kg	410	-				-			
4-Chlorophenyl-phenylether	360	U	ug/kg	360	410	U	ug/kg	410	-				-			
Fluorene	360	U	ug/kg	360	410	U	ug/kg	410	-				-			
4-Nitroaniline	870	UJ	ug/kg	870	990	UJ	ug/kg	990	-				-			
4,6-Dinitro-2-methylphenol	870	U	ug/kg	870	990	U	ug/kg	990	-				-			
N-Nitrosodiphenylamine (1)	360	U	ug/kg	360	410	U	ug/kg	410	-				-			
4-Bromophenyl-phenylether	360	U	ug/kg	360	410	U	ug/kg	410	-				-			
Hexachlorobenzene	360	U	ug/kg	360	410	U	ug/kg	410	-				-			
Pentachlorophenol	870	U	ug/kg	870	990	U	ug/kg	990	-				-			
Phenanthrene	360	U	ug/kg	360	410	U	ug/kg	410	-				-			
Anthracene	360	U	ug/kg	360	410	U	ug/kg	410	-				-			
Carbazole	360	U	ug/kg	360	410	U	ug/kg	410	-				-			
Di-n-butylphthalate	360	U	ug/kg	360	410	U	ug/kg	410	-				-			
Fluoranthene	360	U	ug/kg	360	410	U	ug/kg	410	-				-			
Pyrene	360	U	ug/kg	360	410	U	ug/kg	410	-				-			
Butylbenzylphthalate	360	U	ug/kg	360	410	UJ	ug/kg	410	-				-			

08/13/93 WHITING FIELD ANALYTICAL RESULT REPORT 09:44:17
SORING BORING -- SEMIVOLATILES - VALIDATED RESULTS

Lab Sample Number:	34815007				34815008				34815008MS				34815008MS			
Site	WHITING				WHITING				WHITING				WHITING			
Locator	29SB2-0-2				29SB2-12-14				29SB2-12-14				29SB2-12-14			
Collect Date:	06-JAN-93				06-JAN-93				06-JAN-93				06-JAN-93			
	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL
3,3-Dichlorobenzidine	360	U	ug/kg	360	410	UJ	ug/kg	410	-				-			
Benzo (a) anthracene	360	U	ug/kg	360	410	U	ug/kg	410	-				-			
Chrysene	360	U	ug/kg	360	410	U	ug/kg	410	-				-			
bis(2-Ethylhexyl) phthalate	46	J	ug/kg	360	410	UJ	ug/kg	410	-				-			
Di-n-octylphthalate	360	UJ	ug/kg	360	410	UJ	ug/kg	410	-				-			
Benzo (b) fluoranthene	360	U	ug/kg	360	410	U	ug/kg	410	-				-			
Benzo (k) fluoranthene	360	U	ug/kg	360	410	U	ug/kg	410	-				-			
Benzo (a) pyrene	360	U	ug/kg	360	410	U	ug/kg	410	-				-			
Indeno (1,2,3-cd) pyrene	360	U	ug/kg	360	410	U	ug/kg	410	-				-			
Dibenz (a,h) anthracene	360	U	ug/kg	360	410	U	ug/kg	410	-				-			
Benzo (g,h,i) perylene	360	U	ug/kg	360	410	U	ug/kg	410	-				-			

U = NOT DETECTED J = ESTIMATED VALUE
UJ = REPORTED QUANTITATION LIMIT IS QUALIFIE DAS ESTIMATED
R = RESULT IS REJECTED AND UNUSABLE

SORING BORING -- SEMIVOLATILES - VALIDATED RESULTS

Lab Sample Number:	34815019				34815020			
Site	WHITING				WHITING			
Locator	29SB3-0-2				29SB3-10-12			
Collect Date:	06-JAN-93				06-JAN-93			
	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL
CLP SEMIVOLATILES 90-SOW								
Phenol	360	U	ug/kg	360	420	U	ug/kg	420
bis(2-Chloroethyl) ether	360	U	ug/kg	360	420	U	ug/kg	420
2-Chlorophenol	360	U	ug/kg	360	420	U	ug/kg	420
1,3-Dichlorobenzene	360	U	ug/kg	360	420	U	ug/kg	420
1,4-Dichlorobenzene	360	U	ug/kg	360	420	U	ug/kg	420
1,2-Dichlorobenzene	360	U	ug/kg	360	420	U	ug/kg	420
2-Methylphenol	360	U	ug/kg	360	420	U	ug/kg	420
2,2-oxybis(1-Chloropropane)	360	U	ug/kg	360	420	U	ug/kg	420
4-Methylphenol	360	U	ug/kg	360	420	U	ug/kg	420
N-Nitroso-di-n-propylamine	360	U	ug/kg	360	420	U	ug/kg	420
Hexachloroethane	360	U	ug/kg	360	420	U	ug/kg	420
Nitrobenzene	360	U	ug/kg	360	420	U	ug/kg	420
Isophorone	360	U	ug/kg	360	420	U	ug/kg	420
2-Nitrophenol	360	U	ug/kg	360	420	U	ug/kg	420
2,4-Dimethylphenol	360	U	ug/kg	360	420	U	ug/kg	420
bis(2-Chloroethoxy) methane	360	U	ug/kg	360	420	U	ug/kg	420
2,4-Dichlorophenol	360	U	ug/kg	360	420	U	ug/kg	420
1,2,4-Trichlorobenzene	360	U	ug/kg	360	420	U	ug/kg	420
Naphthalene	360	U	ug/kg	360	420	U	ug/kg	420
4-Chloroaniline	360	U	ug/kg	360	420	U	ug/kg	420
Hexachlorobutadiene	360	U	ug/kg	360	420	U	ug/kg	420
4-Chloro-3-methylphenol	360	U	ug/kg	360	420	U	ug/kg	420
2-Methylnaphthalene	360	U	ug/kg	360	420	U	ug/kg	420
Hexachlorocyclopentadiene	360	U	ug/kg	360	420	U	ug/kg	420
2,4,6-Trichlorophenol	360	U	ug/kg	360	420	U	ug/kg	420
2,4,5-Trichlorophenol	880	U	ug/kg	880	1000	U	ug/kg	1000
2-Chloronaphthalene	360	U	ug/kg	360	420	U	ug/kg	420
2-Nitroaniline	880	U	ug/kg	880	1000	U	ug/kg	1000
Dimethylphthalate	360	U	ug/kg	360	420	U	ug/kg	420
Acenaphthylene	360	U	ug/kg	360	420	U	ug/kg	420
2,6-Dinitrotoluene	360	U	ug/kg	360	420	U	ug/kg	420
3-Nitroaniline	880	U	ug/kg	880	1000	U	ug/kg	1000
Acenaphthene	360	U	ug/kg	360	420	U	ug/kg	420
2,4-Dinitrophenol	880	U	ug/kg	880	1000	U	ug/kg	1000
4-Nitrophenol	880	U	ug/kg	880	1000	U	ug/kg	1000
Dibenzofuran	360	U	ug/kg	360	420	U	ug/kg	420
2,4-Dinitrotoluene	360	U	ug/kg	360	420	U	ug/kg	420
Diethylphthalate	360	U	ug/kg	360	420	U	ug/kg	420
4-Chlorophenyl-phenylether	360	U	ug/kg	360	420	U	ug/kg	420
Fluorene	360	U	ug/kg	360	420	U	ug/kg	420
4-Nitroaniline	880	U	ug/kg	880	1000	U	ug/kg	1000
4,6-Dinitro-2-methylphenol	880	U	ug/kg	880	1000	U	ug/kg	1000
N-Nitrosodiphenylamine (1)	360	U	ug/kg	360	420	U	ug/kg	420
4-Bromophenyl-phenylether	360	U	ug/kg	360	420	U	ug/kg	420
Hexachlorobenzene	360	U	ug/kg	360	420	U	ug/kg	420
Pentachlorophenol	880	U	ug/kg	880	1000	U	ug/kg	1000
Phenanthrene	360	U	ug/kg	360	420	U	ug/kg	420
Anthracene	360	U	ug/kg	360	420	U	ug/kg	420
Carbazole	360	U	ug/kg	360	420	U	ug/kg	420
Di-n-butylphthalate	360	U	ug/kg	360	420	U	ug/kg	420
Fluoranthene	360	U	ug/kg	360	420	U	ug/kg	420
Pyrene	360	U	ug/kg	360	420	U	ug/kg	420
Butylbenzylphthalate	44	J	ug/kg	360	420	U	ug/kg	420

08/13/93 WHITING FIELD ANAL..ICAL RESULT REPORT 09:46:00
SORING BORING -- SEMIVOLATILES - VALIDATED RESULTS

Lab Sample Number:	34815019				34815020			
Site	WHITING				WHITING			
Locator	29SB3-0-2				29SB3-10-12			
Collect Date:	06-JAN-93				06-JAN-93			
	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL
3,3-Dichlorobenzidine	360	U	ug/kg	360	420	U	ug/kg	420
Benzo (a) anthracene	360	U	ug/kg	360	420	U	ug/kg	420
Chrysene	360	U	ug/kg	360	420	U	ug/kg	420
bis(2-Ethylhexyl) phthalate	360	U	ug/kg	360	420	U	ug/kg	420
Di-n-octylphthalate	360	U	ug/kg	360	420	U	ug/kg	420
Benzo (b) fluoranthene	360	U	ug/kg	360	420	U	ug/kg	420
Benzo (k) fluoranthene	360	U	ug/kg	360	420	U	ug/kg	420
Benzo (a) pyrene	360	U	ug/kg	360	420	U	ug/kg	420
Indeno (1,2,3-cd) pyrene	360	U	ug/kg	360	420	U	ug/kg	420
Dibenz (a,h) anthracene	360	U	ug/kg	360	420	U	ug/kg	420
Benzo (g,h,i) perylene	360	U	ug/kg	360	420	U	ug/kg	420

U = NOT DETECTED J = ESTIMATED VALUE
UJ = ..PORTED QUANTITATION LIMIT IS QUALIFIE DAS ESTIMATED
R = ..LT IS REJECTED AND UNUSABLE

08/13/93 WHITING FIELD ANALYTICAL RESULT REPORT 09:47:06
SORING BORING -- SEMIVOLATILES - VALIDATED RESULTS

Lab Sample Number:	34815009				34815010				34815011			
Site	WHITING				WHITING				WHITING			
Locator	29SB4-0-2				29SB4-5-7				29SB4-15-17			
Collect Date:	06-JAN-93				06-JAN-93				06-JAN-93			
	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL
CLP SEMIVOLATILES 90-SOW												
Phenol	360	U	ug/kg	360	380	U	ug/kg	380	410	U	ug/kg	410
bis(2-Chloroethyl) ether	360	U	ug/kg	360	380	U	ug/kg	380	410	U	ug/kg	410
2-Chlorophenol	360	U	ug/kg	360	380	U	ug/kg	380	410	U	ug/kg	410
1,3-Dichlorobenzene	360	U	ug/kg	360	380	U	ug/kg	380	410	U	ug/kg	410
1,4-Dichlorobenzene	360	U	ug/kg	360	380	U	ug/kg	380	410	U	ug/kg	410
1,2-Dichlorobenzene	360	U	ug/kg	360	380	U	ug/kg	380	410	U	ug/kg	410
2-Methylphenol	360	U	ug/kg	360	380	U	ug/kg	380	410	U	ug/kg	410
2,2-oxybis(1-Chloropropane)	360	U	ug/kg	360	380	U	ug/kg	380	410	U	ug/kg	410
4-Methylphenol	360	U	ug/kg	360	380	U	ug/kg	380	410	U	ug/kg	410
N-Nitroso-di-n-propylamine	360	U	ug/kg	360	380	U	ug/kg	380	410	U	ug/kg	410
Hexachloroethane	360	U	ug/kg	360	380	U	ug/kg	380	410	U	ug/kg	410
Nitrobenzene	360	U	ug/kg	360	380	U	ug/kg	380	410	UJ	ug/kg	410
Isophorone	360	U	ug/kg	360	380	U	ug/kg	380	410	UJ	ug/kg	410
2-Nitrophenol	360	U	ug/kg	360	380	U	ug/kg	380	410	U	ug/kg	410
2,4-Dimethylphenol	360	U	ug/kg	360	380	U	ug/kg	380	410	U	ug/kg	410
bis(2-Chloroethoxy) methane	360	U	ug/kg	360	380	U	ug/kg	380	410	U	ug/kg	410
2,4-Dichlorophenol	360	U	ug/kg	360	380	U	ug/kg	380	410	U	ug/kg	410
1,2,4-Trichlorobenzene	360	U	ug/kg	360	380	U	ug/kg	380	410	U	ug/kg	410
Naphthalene	360	U	ug/kg	360	380	U	ug/kg	380	410	U	ug/kg	410
4-Chloroaniline	360	U	ug/kg	360	380	U	ug/kg	380	410	U	ug/kg	410
Hexachlorobutadiene	360	U	ug/kg	360	380	U	ug/kg	380	410	U	ug/kg	410
4-Chloro-3-methylphenol	360	U	ug/kg	360	380	U	ug/kg	380	410	U	ug/kg	410
2-Methylnaphthalene	360	U	ug/kg	360	380	U	ug/kg	380	410	U	ug/kg	410
Hexachlorocyclopentadiene	360	U	ug/kg	360	380	U	ug/kg	380	410	U	ug/kg	410
2,4,6-Trichlorophenol	360	U	ug/kg	360	380	U	ug/kg	380	410	U	ug/kg	410
2,4,5-Trichlorophenol	870	U	ug/kg	870	930	U	ug/kg	930	1000	U	ug/kg	1000
2-Chloronaphthalene	360	U	ug/kg	360	380	U	ug/kg	380	410	U	ug/kg	410
2-Nitroaniline	870	U	ug/kg	870	930	U	ug/kg	930	1000	U	ug/kg	1000
Dimethylphthalate	360	U	ug/kg	360	380	U	ug/kg	380	410	U	ug/kg	410
Acenaphthylene	360	U	ug/kg	360	380	U	ug/kg	380	410	U	ug/kg	410
2,6-Dinitrotoluene	360	U	ug/kg	360	380	U	ug/kg	380	410	U	ug/kg	410
3-Nitroaniline	870	U	ug/kg	870	930	U	ug/kg	930	1000	U	ug/kg	1000
Acenaphthene	360	U	ug/kg	360	380	U	ug/kg	380	410	U	ug/kg	410
2,4-Dinitrophenol	870	U	ug/kg	870	930	U	ug/kg	930	1000	U	ug/kg	1000
4-Nitrophenol	870	U	ug/kg	870	930	U	ug/kg	930	1000	U	ug/kg	1000
Dibenzofuran	360	U	ug/kg	360	380	U	ug/kg	380	410	U	ug/kg	410
2,4-Dinitrotoluene	360	U	ug/kg	360	380	U	ug/kg	380	410	U	ug/kg	410
Diethylphthalate	360	U	ug/kg	360	380	U	ug/kg	380	410	U	ug/kg	410
4-Chlorophenyl-phenylether	360	U	ug/kg	360	380	U	ug/kg	380	410	U	ug/kg	410
Fluorene	360	U	ug/kg	360	380	U	ug/kg	380	410	U	ug/kg	410
4-Nitroaniline	870	U	ug/kg	870	930	U	ug/kg	930	1000	U	ug/kg	1000
4,6-Dinitro-2-methylphenol	870	U	ug/kg	870	930	U	ug/kg	930	1000	U	ug/kg	1000
N-Nitrosodiphenylamine (1)	360	U	ug/kg	360	380	U	ug/kg	380	410	U	ug/kg	410
4-Bromophenyl-phenylether	360	U	ug/kg	360	380	U	ug/kg	380	410	U	ug/kg	410
Hexachlorobenzene	360	U	ug/kg	360	380	U	ug/kg	380	410	U	ug/kg	410
Pentachlorophenol	870	U	ug/kg	870	930	U	ug/kg	930	1000	U	ug/kg	1000
Phenanthrene	360	U	ug/kg	360	380	U	ug/kg	380	410	U	ug/kg	410
Anthracene	360	U	ug/kg	360	380	U	ug/kg	380	410	U	ug/kg	410
Carbazole	360	U	ug/kg	360	380	U	ug/kg	380	410	U	ug/kg	410
Di-n-butylphthalate	360	U	ug/kg	360	380	U	ug/kg	380	410	U	ug/kg	410
Fluoranthene	360	U	ug/kg	360	380	U	ug/kg	380	410	U	ug/kg	410
Pyrene	360	U	ug/kg	360	380	U	ug/kg	380	410	U	ug/kg	410
Butylbenzylphthalate	360	U	ug/kg	360	380	U	ug/kg	380	410	UJ	ug/kg	410

08/13/93 WHITING FIELD ANAL...CAL RESULT REPORT 09:47:06
SORING BORING -- SEMIVOLATILES - VALIDATED RESULTS

Lab Sample Number:	34815009				34815010				34815011			
Site	WHITING				WHITING				WHITING			
Locator	29SB4-0-2				29SB4-5-7				29SB4-15-17			
Collect Date:	06-JAN-93				06-JAN-93				06-JAN-93			
	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL
3,3-Dichlorobenzidine	360	U	ug/kg	360	380	U	ug/kg	380	410	U	ug/kg	410
Benzo (a) anthracene	360	U	ug/kg	360	380	U	ug/kg	380	410	U	ug/kg	410
Chrysene	360	U	ug/kg	360	380	U	ug/kg	380	410	U	ug/kg	410
bis(2-Ethylhexyl) phthalate	360	U	ug/kg	360	380	U	ug/kg	380	410	UJ	ug/kg	410
Di-n-octylphthalate	360	U	ug/kg	360	380	U	ug/kg	380	410	UJ	ug/kg	410
Benzo (b) fluoranthene	360	U	ug/kg	360	380	U	ug/kg	380	410	U	ug/kg	410
Benzo (k) fluoranthene	360	U	ug/kg	360	380	U	ug/kg	380	410	U	ug/kg	410
Benzo (a) pyrene	360	U	ug/kg	360	380	U	ug/kg	380	410	U	ug/kg	410
Indeno (1,2,3-cd) pyrene	360	U	ug/kg	360	380	U	ug/kg	380	410	U	ug/kg	410
Dibenz (a,h) anthracene	360	U	ug/kg	360	380	U	ug/kg	380	410	U	ug/kg	410
Benzo (g,h,i) perylene	360	U	ug/kg	360	380	U	ug/kg	380	410	U	ug/kg	410

U = NOT DETECTED J = ESTIMATED VALUE
UJ - ...PORTED QUANTITATION LIMIT IS QUALIFIE DAS ESTIMATED
R - ...ULT IS REJECTED AND UNUSABLE

SORING BORING -- SEMIVOLATILES - VALIDATED RESULTS

Lab Sample Number:	34815013				34815014				34815015				34815016			
Site	WHITING				WHITING				WHITING				WHITING			
Locator	29SB5-0-2				29SB5-5-7				29SB5-10-12				29SB5-15-17			
Collect Date:	06-JAN-93				06-JAN-93				06-JAN-93				06-JAN-93			
	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL
CLP SEMIVOLATILES 90-SOW																
Phenol	350	U	ug/kg	350	400	U	ug/kg	400	410	U	ug/kg	410	380	U	ug/kg	380
bis(2-Chloroethyl) ether	350	U	ug/kg	350	400	U	ug/kg	400	410	U	ug/kg	410	380	U	ug/kg	380
2-Chlorophenol	350	U	ug/kg	350	400	U	ug/kg	400	410	U	ug/kg	410	380	U	ug/kg	380
1,3-Dichlorobenzene	350	U	ug/kg	350	400	U	ug/kg	400	410	U	ug/kg	410	380	U	ug/kg	380
1,4-Dichlorobenzene	350	U	ug/kg	350	400	U	ug/kg	400	410	U	ug/kg	410	380	U	ug/kg	380
1,2-Dichlorobenzene	350	U	ug/kg	350	400	U	ug/kg	400	410	U	ug/kg	410	380	U	ug/kg	380
2-Methylphenol	350	U	ug/kg	350	400	U	ug/kg	400	410	U	ug/kg	410	380	U	ug/kg	380
2,2-oxybis(1-Chloropropane)	350	U	ug/kg	350	400	U	ug/kg	400	410	U	ug/kg	410	380	U	ug/kg	380
4-Methylphenol	350	U	ug/kg	350	400	U	ug/kg	400	410	U	ug/kg	410	380	U	ug/kg	380
N-Nitroso-di-n-propylamine	350	U	ug/kg	350	400	U	ug/kg	400	410	U	ug/kg	410	380	U	ug/kg	380
Hexachloroethane	350	U	ug/kg	350	400	U	ug/kg	400	410	U	ug/kg	410	380	U	ug/kg	380
Nitrobenzene	350	U	ug/kg	350	400	U	ug/kg	400	410	UJ	ug/kg	410	380	UJ	ug/kg	380
Isophorone	350	U	ug/kg	350	400	UJ	ug/kg	400	410	UJ	ug/kg	410	380	UJ	ug/kg	380
2-Nitrophenol	350	U	ug/kg	350	400	UJ	ug/kg	400	410	U	ug/kg	410	380	U	ug/kg	380
2,4-Dimethylphenol	350	U	ug/kg	350	400	U	ug/kg	400	410	U	ug/kg	410	380	U	ug/kg	380
bis(2-Chloroethoxy) methane	350	U	ug/kg	350	400	U	ug/kg	400	410	U	ug/kg	410	380	U	ug/kg	380
2,4-Dichlorophenol	350	U	ug/kg	350	400	U	ug/kg	400	410	U	ug/kg	410	380	U	ug/kg	380
1,2,4-Trichlorobenzene	350	U	ug/kg	350	400	U	ug/kg	400	410	U	ug/kg	410	380	U	ug/kg	380
Naphthalene	350	U	ug/kg	350	400	U	ug/kg	400	410	U	ug/kg	410	380	U	ug/kg	380
4-Chloroaniline	350	U	ug/kg	350	400	U	ug/kg	400	410	U	ug/kg	410	380	U	ug/kg	380
Hexachlorobutadiene	350	U	ug/kg	350	400	U	ug/kg	400	410	U	ug/kg	410	380	U	ug/kg	380
4-Chloro-3-methylphenol	350	U	ug/kg	350	400	U	ug/kg	400	410	U	ug/kg	410	380	U	ug/kg	380
2-Methylnaphthalene	350	U	ug/kg	350	400	U	ug/kg	400	410	U	ug/kg	410	380	U	ug/kg	380
Hexachlorocyclopentadiene	350	U	ug/kg	350	400	U	ug/kg	400	410	U	ug/kg	410	380	U	ug/kg	380
2,4,6-Trichlorophenol	350	U	ug/kg	350	400	U	ug/kg	400	410	U	ug/kg	410	380	U	ug/kg	380
2,4,5-Trichlorophenol	850	U	ug/kg	850	960	U	ug/kg	960	1000	U	ug/kg	1000	930	U	ug/kg	930
2-Chloronaphthalene	350	U	ug/kg	350	400	U	ug/kg	400	410	U	ug/kg	410	380	U	ug/kg	380
2-Nitroaniline	850	U	ug/kg	850	960	U	ug/kg	960	1000	U	ug/kg	1000	930	U	ug/kg	930
Dimethylphthalate	350	U	ug/kg	350	400	U	ug/kg	400	410	U	ug/kg	410	380	U	ug/kg	380
Acenaphthylene	350	U	ug/kg	350	400	U	ug/kg	400	410	U	ug/kg	410	380	U	ug/kg	380
2,6-Dinitrotoluene	350	U	ug/kg	350	400	U	ug/kg	400	410	U	ug/kg	410	380	U	ug/kg	380
3-Nitroaniline	850	U	ug/kg	850	960	U	ug/kg	960	1000	U	ug/kg	1000	930	U	ug/kg	930
Acenaphthene	350	U	ug/kg	350	400	U	ug/kg	400	410	U	ug/kg	410	380	U	ug/kg	380
2,4-Dinitrophenol	850	U	ug/kg	850	960	U	ug/kg	960	1000	U	ug/kg	1000	930	U	ug/kg	930
4-Nitrophenol	850	U	ug/kg	850	960	U	ug/kg	960	1000	U	ug/kg	1000	930	U	ug/kg	930
Dibenzofuran	350	U	ug/kg	350	400	U	ug/kg	400	410	U	ug/kg	410	380	U	ug/kg	380
2,4-Dinitrotoluene	350	U	ug/kg	350	400	U	ug/kg	400	410	U	ug/kg	410	380	U	ug/kg	380
Diethylphthalate	350	U	ug/kg	350	400	U	ug/kg	400	410	U	ug/kg	410	380	U	ug/kg	380
4-Chlorophenyl-phenylether	350	U	ug/kg	350	400	U	ug/kg	400	410	U	ug/kg	410	380	U	ug/kg	380
Fluorene	350	U	ug/kg	350	400	U	ug/kg	400	410	U	ug/kg	410	380	U	ug/kg	380
4-Nitroaniline	850	U	ug/kg	850	960	U	ug/kg	960	1000	U	ug/kg	1000	930	U	ug/kg	930
4,6-Dinitro-2-methylphenol	850	U	ug/kg	850	960	U	ug/kg	960	1000	U	ug/kg	1000	930	U	ug/kg	930
N-Nitrosodiphenylamine (1)	350	U	ug/kg	350	400	U	ug/kg	400	410	U	ug/kg	410	380	U	ug/kg	380
4-Bromophenyl-phenylether	350	U	ug/kg	350	400	U	ug/kg	400	410	U	ug/kg	410	380	U	ug/kg	380
Hexachlorobenzene	350	U	ug/kg	350	400	U	ug/kg	400	410	U	ug/kg	410	380	U	ug/kg	380
Pentachlorophenol	850	U	ug/kg	850	960	U	ug/kg	960	1000	U	ug/kg	1000	930	U	ug/kg	930
Phenanthrene	350	U	ug/kg	350	400	U	ug/kg	400	410	U	ug/kg	410	380	U	ug/kg	380
Anthracene	350	U	ug/kg	350	400	U	ug/kg	400	410	U	ug/kg	410	380	U	ug/kg	380
Carbazole	350	U	ug/kg	350	400	U	ug/kg	400	410	U	ug/kg	410	380	U	ug/kg	380
Di-n-butylphthalate	350	U	ug/kg	350	400	U	ug/kg	400	410	U	ug/kg	410	380	U	ug/kg	380
Fluoranthene	350	U	ug/kg	350	400	U	ug/kg	400	410	U	ug/kg	410	380	U	ug/kg	380
Pyrene	350	U	ug/kg	350	400	U	ug/kg	400	410	U	ug/kg	410	380	U	ug/kg	380
Butylbenzylphthalate	350	U	ug/kg	350	400	UJ	ug/kg	400	410	UJ	ug/kg	410	380	UJ	ug/kg	380

08/13/93 WHITING FIELD ANAL...CAL RESULT REPORT 09:48:10
SORING BORING -- SEMIVOLATILES - VALIDATED RESULTS

	34815013				34815014				34815015				34815016			
Lab Sample Number:																
Site	WHITING				WHITING				WHITING				WHITING			
Locator	29SB5-0-2				29SB5-5-7				29SB5-10-12				29SB5-15-17			
Collect Date:	06-JAN-93				06-JAN-93				06-JAN-93				06-JAN-93			
	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL
3,3-Dichlorobenzidine	350	U	ug/kg	350	400	U	ug/kg	400	410	U	ug/kg	410	380	U	ug/kg	380
Benzo (a) anthracene	350	U	ug/kg	350	400	U	ug/kg	400	410	U	ug/kg	410	380	U	ug/kg	380
Chrysene	350	U	ug/kg	350	400	U	ug/kg	400	410	U	ug/kg	410	380	U	ug/kg	380
bis(2-Ethylhexyl) phthalate	350	U	ug/kg	350	400	UJ	ug/kg	400	410	UJ	ug/kg	410	380	UJ	ug/kg	380
Di-n-octylphthalate	350	U	ug/kg	350	400	UJ	ug/kg	400	410	UJ	ug/kg	410	380	UJ	ug/kg	380
Benzo (b) fluoranthene	350	U	ug/kg	350	400	U	ug/kg	400	410	U	ug/kg	410	380	U	ug/kg	380
Benzo (k) fluoranthene	350	U	ug/kg	350	400	U	ug/kg	400	410	U	ug/kg	410	380	U	ug/kg	380
Benzo (a) pyrene	350	U	ug/kg	350	400	U	ug/kg	400	410	U	ug/kg	410	380	U	ug/kg	380
Indeno (1,2,3-cd) pyrene	350	U	ug/kg	350	400	U	ug/kg	400	410	U	ug/kg	410	380	U	ug/kg	380
Dibenz (a,h) anthracene	350	U	ug/kg	350	400	U	ug/kg	400	410	U	ug/kg	410	380	U	ug/kg	380
Benzo (g,h,i) perylene	350	U	ug/kg	350	400	U	ug/kg	400	410	U	ug/kg	410	380	U	ug/kg	380

U = NOT DETECTED J = ESTIMATED VALUE
UJ = REPORTED QUANTITATION LIMIT IS QUALIFIE DAS ESTIMATED
R - ...LT IS REJECTED AND UNUSABLE

1D
PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

29SB1_0-2

Name: CH2M HILL/LRD Contract: ABB_ENV

Lab Code: CH2M Case No.: 34824 SAS No.: SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 34824001

Sample wt/vol: 30.0 (g/mL) G Lab File ID:

% Moisture: 6 decanted: (Y/N) N Date Received: 01/08/93

Extraction: (SepF/Cont/Sonc) SONC Date Extracted: 01/12/93

Concentrated Extract Volume: 5000 (uL) Date Analyzed: 01/25/93

Injection Volume: 1.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) Y pH: 6.4 Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q	
319-84-6	alpha-BHC	1.8	U	UJ-S
319-85-7	beta-BHC	1.8	U	
319-86-8	delta-BHC	1.8	U	
58-89-9	gamma-BHC (Lindane)	1.8	U	
76-44-8	Heptachlor	1.8	U	
309-00-2	Aldrin	1.8	U	
1024-57-3	Heptachlor epoxide	1.8	U	
959-98-8	Endosulfan I	1.8	U	
60-57-1	Dieldrin	3.5	U	
72-55-9	4,4'-DDE	8.7		J-S
72-20-8	Endrin	3.5	U	UJ-S
33213-65-9	Endosulfan II	3.5	U	UJ-S
72-54-8	4,4'-DDD	200* 140	E	J-S
1031-07-8	Endosulfan sulfate	3.5	U	UJ-S
50-29-3	4,4'-DDT	3.5	U	
72-43-5	Methoxychlor	18	U	
53494-70-5	Endrin ketone	3.5	U	
7421-36-3	Endrin aldehyde	3.5	U	
5103-71-9	alpha-Chlordane	1.8	U	
5103-74-2	gamma-Chlordane	1.8	U	
8001-35-2	Toxaphene	180	U	
12674-11-2	Aroclor-1016	35	U	
11104-28-2	Aroclor-1221	71	U	
11141-16-5	Aroclor-1232	35	U	
53469-21-9	Aroclor-1242	35	U	
12672-29-6	Aroclor-1248	35	U	
11097-69-1	Aroclor-1254	35	U	
11096-82-5	Aroclor-1260	35	U	

* value taken from dilution analysis

FORM I PEST 3/90

VY 3-11-93
3/18/93

1D

PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.: 29SB1_0-2DL

L Name: CH2M HILL/LRD Contract: ABB_ENV

Lab Code: CH2M Case No.: 34824 SAS No.: SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 34824001DL

Sample wt/vol: 30.0 (g/mL) G Lab File ID:

% Moisture: 6 decanted: (Y/N) N Date Received: 01/08/93

Extraction: (SepF/Cont/Sonc) SONC Date Extracted: 01/12/93

Concentrated Extract Volume: 5000 (uL) Date Analyzed: 01/26/93

Injection Volume: 1.00 (uL) Dilution Factor: 5.00

GPC Cleanup: (Y/N) Y pH: 6.4 Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
319-84-6	alpha-BHC	9.0	U
319-85-7	beta-BHC	9.0	U
319-86-8	delta-BHC	9.0	U
58-89-9	gamma-BHC (Lindane)	9.0	U
76-44-8	Heptachlor	9.0	U
309-00-2	Aldrin	9.0	U
1024-57-3	Heptachlor epoxide	9.0	U
959-98-8	Endosulfan I	9.0	U
60-57-1	Dieldrin	18	U
72-55-9	4,4'-DDE	8.8	DJ
72-20-8	Endrin	18	U
33213-65-9	Endosulfan II	18	U
72-54-8	4,4'-DDD	* 200	D
1031-07-8	Endosulfan sulfate	18	U
50-29-3	4,4'-DDT	18	U
72-43-5	Methoxychlor	90	U
53494-70-5	Endrin ketone	18	U
7421-36-3	Endrin aldehyde	18	U
5103-71-9	alpha-Chlordane	9.0	U
5103-74-2	gamma-Chlordane	9.0	U
8001-35-2	Toxaphene	900	U
12674-11-2	Aroclor-1016	180	U
11104-28-2	Aroclor-1221	360	U
11141-16-5	Aroclor-1232	180	U
53469-21-9	Aroclor-1242	180	U
12672-29-6	Aroclor-1248	180	U
11097-69-1	Aroclor-1254	180	U
11096-82-5	Aroclor-1260	180	U

UJ-S

J-S

UJ-S

UJ-S

J-S

UJ-S

* recommend that above data be utilized for this analyte only

FORM I PEST 3/90

VJ 3-11-93

qb 3/18/93

1D
PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

29SB1_0-2A

Name: CH2M HILL/LRD Contract: ABB_ENV

Lab Code: CH2M Case No.: 34824 SAS No.: SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 34824002

Sample wt/vol: 30.0 (g/mL) G Lab File ID:

% Moisture: 6 decanted: (Y/N) N Date Received: 01/08/93

Extraction: (SepF/Cont/Sonc) SONC Date Extracted: 01/12/93

Concentrated Extract Volume: 5000 (uL) Date Analyzed: 01/25/93

Injection Volume: 1.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) Y pH: 6.6 Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
319-84-6	alpha-BHC	1.8	U
319-85-7	beta-BHC	1.8	U
319-86-8	delta-BHC	1.8	U
58-89-9	gamma-BHC (Lindane)	1.8	U
76-44-8	Heptachlor	1.8	U
309-00-2	Aldrin	1.8	U
1024-57-3	Heptachlor epoxide	1.8	U
959-98-8	Endosulfan I	1.8	U
60-57-1	Dieldrin	3.5	U
72-55-9	4,4'-DDE	5.0	
72-20-8	Endrin	3.5	U
33213-65-9	Endosulfan II	3.5	U
72-54-8	4,4'-DDD	*110 93	E
1031-07-8	Endosulfan sulfate	3.5	U
50-29-3	4,4'-DDT	3.5	U
72-43-5	Methoxychlor	18	U
53494-70-5	Endrin ketone	3.5	U
7421-36-3	Endrin aldehyde	3.5	U
5103-71-9	alpha-Chlordane	1.8	U
5103-74-2	gamma-Chlordane	1.8	U
8001-35-2	Toxaphene	180	U
12674-11-2	Aroclor-1016	35	U
11104-28-2	Aroclor-1221	71	U
11141-16-5	Aroclor-1232	35	U
53469-21-9	Aroclor-1242	35	U
12672-29-6	Aroclor-1248	35	U
11097-69-1	Aroclor-1254	35	U
11096-82-5	Aroclor-1260	35	U

UJ-S
J-S
UJ-S
UJ-S
J-S
UJ-S

* value taken from dilution analysis

FORM I PEST 3/90

vy 3-11-93

1D

PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

29SB1_0-2ADL

Lab Name: CH2M HILL/LRD Contract: ABB_ENV

Lab Code: CH2M Case No.: 34824 SAS No.: SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 34824002DL

Sample wt/vol: 30.0 (g/mL) G Lab File ID:

% Moisture: 6 decanted: (Y/N) N Date Received: 01/08/93

Extraction: (SepF/Cont/Sonc) SONC Date Extracted: 01/12/93

Concentrated Extract Volume: 5000 (uL) Date Analyzed: 01/26/93

Injection Volume: 1.00 (uL) Dilution Factor: 4.00

GPC Cleanup: (Y/N) Y pH: 6.6 Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
319-84-6	alpha-BHC	7.2	U
319-85-7	beta-BHC	7.2	U
319-86-8	delta-BHC	7.2	U
58-89-9	gamma-BHC (Lindane)	7.2	U
76-44-8	Heptachlor	7.2	U
309-00-2	Aldrin	7.2	U
1024-57-3	Heptachlor epoxide	7.2	U
959-98-8	Endosulfan I	7.2	U
60-57-1	Dieldrin	14	U
72-55-9	4,4'-DDE	14	U
72-20-8	Endrin	14	U
33213-65-9	Endosulfan II	14	U
72-54-8	4,4'-DDD	* 110	J-S
1031-07-8	Endosulfan sulfate	14	U
50-29-3	4,4'-DDT	14	U
72-43-5	Methoxychlor	72	U
53494-70-5	Endrin ketone	14	U
7421-36-3	Endrin aldehyde	14	U
5103-71-9	alpha-Chlordane	7.2	U
5103-74-2	gamma-Chlordane	7.2	U
8001-35-2	Toxaphene	720	U
12674-11-2	Aroclor-1016	140	U
11104-28-2	Aroclor-1221	290	U
11141-16-5	Aroclor-1232	140	U
53469-21-9	Aroclor-1242	140	U
12672-29-6	Aroclor-1248	140	U
11097-69-1	Aroclor-1254	140	U
11096-82-5	Aroclor-1260	140	U

UJ-S

UJ-S

* utilized for this analyte only

by 3/1/93

08/13/93 WHITING FIELD ANAL..CAL RESULT REPORT 09:49:41
SOIL BORING -- PESTICIDES/PCBs - VALIDATED RESULTS

Lab Sample Number:	34823007				34823006				34846007			
Site	WHITING				WHITING				WHITING			
Locator	29SB1-5-7				29SB1-60-62				29SB1-125-127			
Collect Date:	07-JAN-93				07-JAN-93				12-JAN-93			
	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL
CLP PESTICIDES/PCBS 90-SOW												
alpha-BHC	2	UJ	ug/kg	2	1.8	UJ	ug/kg	1.8	1.8	UJ	ug/kg	1.8
beta-BHC	2	UJ	ug/kg	2	1.8	UJ	ug/kg	1.8	1.8	UJ	ug/kg	1.8
delta-BHC	2	UJ	ug/kg	2	1.8	UJ	ug/kg	1.8	1.8	UJ	ug/kg	1.8
gamma-BHC (Lindane)	2	UJ	ug/kg	2	1.8	UJ	ug/kg	1.8	1.8	UJ	ug/kg	1.8
Heptachlor	2	UJ	ug/kg	2	1.8	UJ	ug/kg	1.8	1.8	UJ	ug/kg	1.8
Aldrin	2	UJ	ug/kg	2	1.8	UJ	ug/kg	1.8	1.8	UJ	ug/kg	1.8
Heptachlor epoxide	2	UJ	ug/kg	2	1.8	UJ	ug/kg	1.8	1.8	UJ	ug/kg	1.8
Endosulfan I	2	UJ	ug/kg	2	1.8	UJ	ug/kg	1.8	1.8	UJ	ug/kg	1.8
Dieldrin	3.9	UJ	ug/kg	3.9	3.5	UJ	ug/kg	3.5	3.5	UJ	ug/kg	3.5
4,4-DDE	3.9	UJ	ug/kg	3.9	3.5	UJ	ug/kg	3.5	3.5	UJ	ug/kg	3.5
Endrin	3.9	UJ	ug/kg	3.9	3.5	UJ	ug/kg	3.5	3.5	UJ	ug/kg	3.5
Endosulfan II	3.9	UJ	ug/kg	3.9	3.5	UJ	ug/kg	3.5	3.5	UJ	ug/kg	3.5
4,4-DDD	3.9	UJ	ug/kg	3.9	3.5	UJ	ug/kg	3.5	3.5	UJ	ug/kg	3.5
Endosulfan sulfate	3.9	UJ	ug/kg	3.9	3.5	UJ	ug/kg	3.5	3.5	UJ	ug/kg	3.5
4,4-DDT	3.9	UJ	ug/kg	3.9	3.5	UJ	ug/kg	3.5	3.5	UJ	ug/kg	3.5
Methoxychlor	20	UJ	ug/kg	20	18	UJ	ug/kg	18	18	UJ	ug/kg	18
Endrin ketone	3.9	UJ	ug/kg	3.9	3.5	UJ	ug/kg	3.5	3.5	UJ	ug/kg	3.5
Endrin aldehyde	3.9	UJ	ug/kg	3.9	3.5	UJ	ug/kg	3.5	3.5	UJ	ug/kg	3.5
alpha-Chlordane	2	UJ	ug/kg	2	1.8	UJ	ug/kg	1.8	1.8	UJ	ug/kg	1.8
gamma-Chlordane	2	UJ	ug/kg	2	1.8	UJ	ug/kg	1.8	1.8	UJ	ug/kg	1.8
Toxaphene	200	UJ	ug/kg	200	180	UJ	ug/kg	180	180	UJ	ug/kg	180
Aroclor-1016	39	UJ	ug/kg	39	35	UJ	ug/kg	35	35	UJ	ug/kg	35
Aroclor-1221	80	UJ	ug/kg	80	72	UJ	ug/kg	72	71	UJ	ug/kg	71
Aroclor-1232	39	UJ	ug/kg	39	35	UJ	ug/kg	35	35	UJ	ug/kg	35
Aroclor-1242	39	UJ	ug/kg	39	35	UJ	ug/kg	35	35	UJ	ug/kg	35
Aroclor-1248	39	UJ	ug/kg	39	35	UJ	ug/kg	35	35	UJ	ug/kg	35
Aroclor-1254	39	UJ	ug/kg	39	35	UJ	ug/kg	35	35	UJ	ug/kg	35
Aroclor-1260	39	UJ	ug/kg	39	35	UJ	ug/kg	35	35	UJ	ug/kg	35

U = NOT DETECTED J = ESTIMATED VALUE
UJ = REPORTED QUANTITATION LIMIT IS QUALIFIE DAS ESTIMATED
R - RESULT IS REJECTED AND UNUSABLE

08/13/93 WHITING FIELD ANALYTICAL RESULT REPORT 09:50:18
SOIL BORING -- PESTICIDES/PCBs - VALIDATED RESULTS

Lab Sample Number:	34815007				34815008				34815008MS				34815008MS			
Site	WHITING				WHITING				WHITING				WHITING			
Locator	29SB2-0-2				29SB2-12-14				29SB2-12-14				29SB2-12-14			
Collect Date:	06-JAN-93				06-JAN-93				06-JAN-93				06-JAN-93			
	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL
CLP PESTICIDES/PCBS 90-SOW																
alpha-BHC	3.7	UJ	ug/kg	3.7	2.1	UJ	ug/kg	2.1	-				-			
beta-BHC	3.7	UJ	ug/kg	3.7	2.1	UJ	ug/kg	2.1	-				-			
delta-BHC	3.7	UJ	ug/kg	3.7	2.1	UJ	ug/kg	2.1	-				-			
gamma-BHC (Lindane)	3.7	UJ	ug/kg	3.7	2.1	UJ	ug/kg	2.1	-				-			
Heptachlor	3.7	UJ	ug/kg	3.7	2.1	UJ	ug/kg	2.1	-				-			
Aldrin	3.7	UJ	ug/kg	3.7	2.1	UJ	ug/kg	2.1	-				-			
Heptachlor epoxide	3.7	UJ	ug/kg	3.7	2.1	UJ	ug/kg	2.1	-				-			
Endosulfan I	3.7	UJ	ug/kg	3.7	2.1	UJ	ug/kg	2.1	-				-			
Dieldrin	75	J	ug/kg	7.2	4.1	UJ	ug/kg	4.1	-				-			
4,4-DDE	7.2	UJ	ug/kg	7.2	4.1	UJ	ug/kg	4.1	-				-			
Endrin	7.2	UJ	ug/kg	7.2	4.1	UJ	ug/kg	4.1	-				-			
Endosulfan II	7.2	UJ	ug/kg	7.2	4.1	UJ	ug/kg	4.1	-				-			
4,4-DDD	7.2	UJ	ug/kg	7.2	4.1	UJ	ug/kg	4.1	-				-			
Endosulfan sulfate	7.2	UJ	ug/kg	7.2	4.1	UJ	ug/kg	4.1	-				-			
4,4-DDT	7.2	UJ	ug/kg	7.2	4.1	UJ	ug/kg	4.1	-				-			
Methoxychlor	37	UJ	ug/kg	37	21	UJ	ug/kg	21	-				-			
Endrin ketone	7.2	UJ	ug/kg	7.2	4.1	UJ	ug/kg	4.1	-				-			
Endrin aldehyde	7.2	UJ	ug/kg	7.2	4.1	UJ	ug/kg	4.1	-				-			
alpha-Chlordane	3.7	UJ	ug/kg	3.7	2.1	UJ	ug/kg	2.1	-				-			
gamma-Chlordane	3.7	UJ	ug/kg	3.7	2.1	UJ	ug/kg	2.1	-				-			
Toxaphene	370	UJ	ug/kg	370	210	UJ	ug/kg	210	-				-			
Aroclor-1016	72	UJ	ug/kg	72	41	UJ	ug/kg	41	-				-			
Aroclor-1221	150	UJ	ug/kg	150	83	UJ	ug/kg	83	-				-			
Aroclor-1232	72	UJ	ug/kg	72	41	UJ	ug/kg	41	-				-			
Aroclor-1242	72	UJ	ug/kg	72	41	UJ	ug/kg	41	-				-			
Aroclor-1248	72	UJ	ug/kg	72	41	UJ	ug/kg	41	-				-			
Aroclor-1254	72	UJ	ug/kg	72	41	UJ	ug/kg	41	-				-			
Aroclor-1260	72	UJ	ug/kg	72	41	UJ	ug/kg	41	-				-			

U = NOT DETECTED J = ESTIMATED VALUE
UJ = [illegible]PORTED QUANTITATION LIMIT IS QUALIFIE DAS ESTIMATED
R = [illegible]LT IS REJECTED AND UNUSABLE

08/13/93 WHITING FIELD ANAL..CAL RESULT REPORT 09:51:02
SOIL BORING -- PESTICIDES/PCBs - VALIDATED RESULTS

Lab Sample Number:	34815019				34815020			
Site	WHITING				WHITING			
Locator	29SB3-0-2				29SB3-10-12			
Collect Date:	06-JAN-93				06-JAN-93			
	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL
CLP PESTICIDES/PCBS 90-SOW								
alpha-BHC	1.8	UJ	ug/kg	1.8	2.2	UJ	ug/kg	2.2
beta-BHC	1.8	UJ	ug/kg	1.8	2.2	UJ	ug/kg	2.2
delta-BHC	1.8	UJ	ug/kg	1.8	2.2	UJ	ug/kg	2.2
gamma-BHC (Lindane)	1.8	UJ	ug/kg	1.8	2.2	UJ	ug/kg	2.2
Heptachlor	1.8	UJ	ug/kg	1.8	2.2	UJ	ug/kg	2.2
Aldrin	1.8	UJ	ug/kg	1.8	2.2	UJ	ug/kg	2.2
Heptachlor epoxide	1.8	UJ	ug/kg	1.8	2.2	UJ	ug/kg	2.2
Endosulfan I	1.8	UJ	ug/kg	1.8	2.2	UJ	ug/kg	2.2
Dieldrin	3.6	UJ	ug/kg	3.6	4.2	UJ	ug/kg	4.2
4,4-DDE	3.6	UJ	ug/kg	3.6	4.2	UJ	ug/kg	4.2
Endrin	3.6	UJ	ug/kg	3.6	4.2	UJ	ug/kg	4.2
Endosulfan II	3.6	UJ	ug/kg	3.6	4.2	UJ	ug/kg	4.2
4,4-DDD	3.6	UJ	ug/kg	3.6	4.2	UJ	ug/kg	4.2
Endosulfan sulfate	3.6	UJ	ug/kg	3.6	4.2	UJ	ug/kg	4.2
4,4-DDT	3.6	UJ	ug/kg	3.6	4.2	UJ	ug/kg	4.2
Methoxychlor	18	UJ	ug/kg	18	22	UJ	ug/kg	22
Endrin ketone	3.6	UJ	ug/kg	3.6	4.2	UJ	ug/kg	4.2
Endrin aldehyde	3.6	UJ	ug/kg	3.6	4.2	UJ	ug/kg	4.2
alpha-Chlordane	2.6	J	ug/kg	2	2.2	UJ	ug/kg	2.2
gamma-Chlordane	3.1	J	ug/kg	2	2.2	UJ	ug/kg	2.2
Toxaphene	180	UJ	ug/kg	180	220	UJ	ug/kg	220
Aroclor-1016	36	UJ	ug/kg	36	42	UJ	ug/kg	42
Aroclor-1221	73	UJ	ug/kg	73	85	UJ	ug/kg	85
Aroclor-1232	36	UJ	ug/kg	36	42	UJ	ug/kg	42
Aroclor-1242	36	UJ	ug/kg	36	42	UJ	ug/kg	42
Aroclor-1248	36	UJ	ug/kg	36	42	UJ	ug/kg	42
Aroclor-1254	36	UJ	ug/kg	36	42	UJ	ug/kg	42
Aroclor-1260	36	UJ	ug/kg	36	42	UJ	ug/kg	42

U = NOT DETECTED J = ESTIMATED VALUE
UJ = REPORTED QUANTITATION LIMIT IS QUALIFIE DAS ESTIMATED
R - RESULT IS REJECTED AND UNUSABLE

08/13/93 WHITING FIELD ANAL...CAL RESULT REPORT 09:51:43
SOIL BORING -- PESTICIDES/PCBs - VALIDATED RESULTS

Lab Sample Number:	34815009				34815010				34815011			
Site	WHITING				WHITING				WHITING			
Locator	29SB4-0-2				29SB4-5-7				29SB4-15-17			
Collect Date:	06-JAN-93				06-JAN-93				06-JAN-93			
	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL
CLP PESTICIDES/PCBS 90-SOW												
alpha-BHC	1.8	UJ	ug/kg	1.8	2	UJ	ug/kg	2	2.1	UJ	ug/kg	2.1
beta-BHC	1.8	UJ	ug/kg	1.8	2	UJ	ug/kg	2	2.1	UJ	ug/kg	2.1
delta-BHC	1.8	UJ	ug/kg	1.8	2	UJ	ug/kg	2	2.1	UJ	ug/kg	2.1
gamma-BHC (Lindane)	1.8	UJ	ug/kg	1.8	2	UJ	ug/kg	2	2.1	UJ	ug/kg	2.1
Heptachlor	1.8	UJ	ug/kg	1.8	2	UJ	ug/kg	2	2.1	UJ	ug/kg	2.1
Aldrin	1.8	UJ	ug/kg	1.8	2	UJ	ug/kg	2	2.1	UJ	ug/kg	2.1
Heptachlor epoxide	1.8	UJ	ug/kg	1.8	2	UJ	ug/kg	2	2.1	UJ	ug/kg	2.1
Endosulfan I	1.8	UJ	ug/kg	1.8	2	UJ	ug/kg	2	2.1	UJ	ug/kg	2.1
Dieldrin	3.6	UJ	ug/kg	3.6	3.8	UJ	ug/kg	3.8	4.1	UJ	ug/kg	4.1
4,4-DDE	3.6	UJ	ug/kg	3.6	3.8	UJ	ug/kg	3.8	4.1	UJ	ug/kg	4.1
Endrin	3.6	UJ	ug/kg	3.6	3.8	UJ	ug/kg	3.8	4.1	UJ	ug/kg	4.1
Endosulfan II	3.6	UJ	ug/kg	3.6	3.8	UJ	ug/kg	3.8	4.1	UJ	ug/kg	4.1
4,4-DDD	3.6	UJ	ug/kg	3.6	3.8	UJ	ug/kg	3.8	4.1	UJ	ug/kg	4.1
Endosulfan sulfate	3.6	UJ	ug/kg	3.6	3.8	UJ	ug/kg	3.8	4.1	UJ	ug/kg	4.1
4,4-DDT	3.6	UJ	ug/kg	3.6	3.8	UJ	ug/kg	3.8	4.1	UJ	ug/kg	4.1
Methoxychlor	18	UJ	ug/kg	18	20	UJ	ug/kg	20	21	UJ	ug/kg	21
Endrin ketone	3.6	UJ	ug/kg	3.6	3.8	UJ	ug/kg	3.8	4.1	UJ	ug/kg	4.1
Endrin aldehyde	3.6	UJ	ug/kg	3.6	3.8	UJ	ug/kg	3.8	4.1	UJ	ug/kg	4.1
alpha-Chlordane	1.8	UJ	ug/kg	1.8	2	UJ	ug/kg	2	2.1	UJ	ug/kg	2.1
gamma-Chlordane	1.8	UJ	ug/kg	1.8	2	UJ	ug/kg	2	2.1	UJ	ug/kg	2.1
Toxaphene	180	UJ	ug/kg	180	200	UJ	ug/kg	200	210	UJ	ug/kg	210
Aroclor-1016	36	UJ	ug/kg	36	38	UJ	ug/kg	38	41	UJ	ug/kg	41
Aroclor-1221	73	UJ	ug/kg	73	78	UJ	ug/kg	78	84	UJ	ug/kg	84
Aroclor-1232	36	UJ	ug/kg	36	38	UJ	ug/kg	38	41	UJ	ug/kg	41
Aroclor-1242	36	UJ	ug/kg	36	38	UJ	ug/kg	38	41	UJ	ug/kg	41
Aroclor-1248	36	UJ	ug/kg	36	38	UJ	ug/kg	38	41	UJ	ug/kg	41
Aroclor-1254	36	UJ	ug/kg	36	38	UJ	ug/kg	38	41	UJ	ug/kg	41
Aroclor-1260	36	UJ	ug/kg	36	38	UJ	ug/kg	38	41	UJ	ug/kg	41

U = NOT DETECTED J = ESTIMATED VALUE
UJ = REPORTED QUANTITATION LIMIT IS QUALIFIE DAS ESTIMATED
R = ULT IS REJECTED AND UNUSABLE

SOIL BORING -- PESTICIDES/PCBs - VALIDATED RESULTS

Lab Sample Number:	34815013				34815015				34815016			
Site	WHITING				WHITING				WHITING			
Locator	29SB5-0-2				29SB5-10-12				29SB5-15-17			
Collect Date:	06-JAN-93				06-JAN-93				06-JAN-93			
	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL
CLP PESTICIDES/PCBS 90-SOW												
alpha-BHC	1.8	UJ	ug/kg	1.8	2.1	UJ	ug/kg	2.1	2	UJ	ug/kg	2
beta-BHC	1.8	UJ	ug/kg	1.8	2.1	UJ	ug/kg	2.1	2	UJ	ug/kg	2
delta-BHC	1.8	UJ	ug/kg	1.8	2.1	UJ	ug/kg	2.1	2	UJ	ug/kg	2
gamma-BHC (Lindane)	1.8	UJ	ug/kg	1.8	2.1	UJ	ug/kg	2.1	2	UJ	ug/kg	2
Heptachlor	1.8	UJ	ug/kg	1.8	2.1	UJ	ug/kg	2.1	2	UJ	ug/kg	2
Aldrin	1.8	UJ	ug/kg	1.8	2.1	UJ	ug/kg	2.1	2	UJ	ug/kg	2
Heptachlor epoxide	1.8	UJ	ug/kg	1.8	2.1	UJ	ug/kg	2.1	2	UJ	ug/kg	2
Endosulfan I	1.8	UJ	ug/kg	1.8	2.1	UJ	ug/kg	2.1	2	UJ	ug/kg	2
Dieldrin	3.5	UJ	ug/kg	3.5	4.1	UJ	ug/kg	4.1	3.8	UJ	ug/kg	3.8
4,4-DDE	22	J	ug/kg	3.5	4.1	UJ	ug/kg	4.1	3.8	UJ	ug/kg	3.8
Endrin	3.5	UJ	ug/kg	3.5	4.1	UJ	ug/kg	4.1	3.8	UJ	ug/kg	3.8
Endosulfan II	3.5	UJ	ug/kg	3.5	4.1	UJ	ug/kg	4.1	3.8	UJ	ug/kg	3.8
4,4-DDD	27	J	ug/kg	3.5	4.1	UJ	ug/kg	4.1	3.8	UJ	ug/kg	3.8
Endosulfan sulfate	3.5	UJ	ug/kg	3.5	4.1	UJ	ug/kg	4.1	3.8	UJ	ug/kg	3.8
4,4-DDT	3.5	UJ	ug/kg	3.5	4.3	J	ug/kg	4.1	3.8	UJ	ug/kg	3.8
Methoxychlor	18	UJ	ug/kg	18	21	UJ	ug/kg	21	20	UJ	ug/kg	20
Endrin ketone	3.5	UJ	ug/kg	3.5	4.1	UJ	ug/kg	4.1	3.8	UJ	ug/kg	3.8
Endrin aldehyde	3.5	UJ	ug/kg	3.5	4.1	UJ	ug/kg	4.1	3.8	UJ	ug/kg	3.8
alpha-Chlordane	1.8	UJ	ug/kg	1.8	2.1	UJ	ug/kg	2.1	2	UJ	ug/kg	2
gamma-Chlordane	1.8	UJ	ug/kg	1.8	2.1	UJ	ug/kg	2.1	2	UJ	ug/kg	2
Toxaphene	180	UJ	ug/kg	180	210	UJ	ug/kg	210	200	UJ	ug/kg	200
Aroclor-1016	35	UJ	ug/kg	35	41	UJ	ug/kg	41	38	UJ	ug/kg	38
Aroclor-1221	71	UJ	ug/kg	71	84	UJ	ug/kg	84	78	UJ	ug/kg	78
Aroclor-1232	35	UJ	ug/kg	35	41	UJ	ug/kg	41	38	UJ	ug/kg	38
Aroclor-1242	35	UJ	ug/kg	35	41	UJ	ug/kg	41	38	UJ	ug/kg	38
Aroclor-1248	35	UJ	ug/kg	35	41	UJ	ug/kg	41	38	UJ	ug/kg	38
Aroclor-1254	35	UJ	ug/kg	35	41	UJ	ug/kg	41	38	UJ	ug/kg	38
Aroclor-1260	35	UJ	ug/kg	35	41	UJ	ug/kg	41	38	UJ	ug/kg	38

U = NOT DETECTED J = ESTIMATED VALUE
UJ = REPORTED QUANTITATION LIMIT IS QUALIFIE DAS ESTIMATED
R - RESULT IS REJECTED AND UNUSABLE

Lab Sample Number:	34815014
Site	WHITING
Locator	29SB5-5-7
Collect Date:	06-JAN-93

	VALUE	QUAL	UNITS
CLP PESTICIDES/PCBS 90-SOW			
alpha-BHC	2	UJ	ug/kg
beta-BHC	2	UJ	ug/kg
delta-BHC	2	UJ	ug/kg
gamma-BHC (Lindane)	2	UJ	ug/kg
Heptachlor	2	UJ	ug/kg
Aldrin	2	UJ	ug/kg
Heptachlor epoxide	2	UJ	ug/kg
Endosulfan I	2	UJ	ug/kg
Dieldrin	4	UJ	ug/kg
4,4-DDE	4	UJ	ug/kg
Endrin	4	UJ	ug/kg
Endosulfan II	4	UJ	ug/kg
4,4-DDD	4	UJ	ug/kg
Endosulfan sulfate	4	UJ	ug/kg
4,4-DDT	4	UJ	ug/kg
Methoxychlor	20	UJ	ug/kg
Endrin ketone	4	UJ	ug/kg
Endrin aldehyde	4	UJ	ug/kg
alpha-Chlordane	2	UJ	ug/kg
gamma-Chlordane	2	UJ	ug/kg
Toxaphene	200	UJ	ug/kg
Aroclor-1016	40	UJ	ug/kg
Aroclor-1221	81	UJ	ug/kg
Aroclor-1232	40	UJ	ug/kg
Aroclor-1242	40	UJ	ug/kg
Aroclor-1248	40	UJ	ug/kg
Aroclor-1254	40	UJ	ug/kg
Aroclor-1260	40	UJ	ug/kg

08/13/93 WHITING FIELD ANAL...CAL RESULT REPORT 10:33:41
SORING BORING -- METALS & CYANIDES --VALIDATED RESULTS

	Lab Sample Number:	34824001				34824002				34824001MS				34824001MS			
	Site	WHITING				WHITING				WHITING				WHITING			
	Locator	29SB1-0-2				29SB1-0-2A				29SB1-0-2MS				29SB1-0-2MSD			
	Collect Date:	07-JAN-93				07-JAN-93				07-JAN-93				07-JAN-93			
		VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL
CLP METALS AND CYANIDE																	
Aluminum		4310		mg/kg	40	4390		mg/kg	40	-				-			
Antimony		2.6	U	mg/kg	12	2.6	U	mg/kg	12	-				-			
Arsenic		1.1	J	mg/kg	2	.57	J	mg/kg	2	-				-			
Barium		7.7	J	mg/kg	40	8.1	J	mg/kg	40	-				-			
Beryllium		.11	UJ	mg/kg	1	.11	UJ	mg/kg	1	-				-			
Cadmium		.26	U	mg/kg	1	.26	U	mg/kg	1	-				-			
Calcium		258	J	mg/kg	1000	247	J	mg/kg	1000	-				-			
Chromium		4		mg/kg	2	4.1		mg/kg	2	-				-			
Cobalt		1.2	U	mg/kg	10	1.2	U	mg/kg	10	-				-			
Copper		3.2	J	mg/kg	5	2.9	J	mg/kg	5	-				-			
Iron		3670		mg/kg	20	2790		mg/kg	20	-				-			
Lead		10.6	J	mg/kg	1	6.2	J	mg/kg	1	-				-			
Magnesium		65.1	J	mg/kg	1000	70.6	J	mg/kg	1000	-				-			
Manganese		91.8		mg/kg	3	92.6		mg/kg	3	-				-			
Mercury		.03	U	mg/kg	.1	.03	U	mg/kg	.1	-				-			
Nickel		1.9	J	mg/kg	8	2.7	J	mg/kg	8	-				-			
Potassium		43.6	J	mg/kg	1000	59.9	J	mg/kg	1000	-				-			
Selenium		.11	UJ	mg/kg	1	.11	UJ	mg/kg	1	-				-			
Silver		.45	U	mg/kg	2	.45	U	mg/kg	2	-				-			
Sodium		186	J	mg/kg	1000	159	J	mg/kg	1000	-				-			
Thallium		.15	U	mg/kg	2	.15	U	mg/kg	2	-				-			
Vanadium		9	J	mg/kg	10	6.8	J	mg/kg	10	-				-			
Zinc		6.2		mg/kg	4	6.5		mg/kg	4	-				-			
Cyanide		.16	U	mg/kg	1	.16	U	mg/kg	1	-				-			

U = NOT DETECTED J = ESTIMATED VALUE
UJ = REPORTED QUANTITATION LIMIT IS QUALIFIE DAS ESTIMATED
R - RESULT IS REJECTED AND UNUSABLE

08/13/93 WHITING FIELD ANAL..CAL RESULT REPORT 10:33:41
SORING BORING -- METALS & CYANIDES --VALIDATED RESULTS

Lab Sample Number:	34823007				34823006				34846007				34846007			
Site	WHITING				WHITING				WHITING				WHITING			
Locator	29SB1-5-7				29SB1-60-62				29SB1-125				29SB1-125-127			
Collect Date:	07-JAN-93				07-JAN-93				12-JAN-93				12-JAN-93			
	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL
CLP METALS AND CYANIDE																
Aluminum	8710		mg/kg	40		-			73		mg/kg	40		-		
Antimony	2.9	U	mg/kg	12		-			2.5	U	mg/kg	12		-		
Arsenic	.48	J	mg/kg	2		-			.19	J	mg/kg	2		-		
Barium	6.2	J	mg/kg	40		-			.12	J	mg/kg	40		-		
Beryllium	.12	U	mg/kg	1		-			.11	U	mg/kg	1		-		
Cadmium	.29	U	mg/kg	1		-			.25	U	mg/kg	1		-		
Calcium	206	J	mg/kg	1000		-			58.7	J	mg/kg	1000		-		
Chromium	11.2		mg/kg	2		-			.93	J	mg/kg	2		-		
Cobalt	1.4	U	mg/kg	10		-			1.2	U	mg/kg	10		-		
Copper	2.7	J	mg/kg	5		-			1.8	J	mg/kg	5		-		
Iron	13100		mg/kg	20		-			277		mg/kg	20		-		
Lead	2		mg/kg	1		-			.17	J	mg/kg	.6		-		
Magnesium	36.4	J	mg/kg	1000		-			13	J	mg/kg	1000		-		
Manganese	15.2		mg/kg	3		-			2.2	J	mg/kg	3		-		
Mercury	.03	U	mg/kg	.1		-			.02	J	mg/kg	.1		-		
Nickel	1.8	U	mg/kg	8		-			1.6	U	mg/kg	8		-		
Potassium	48.7	J	mg/kg	1000		-			108	J	mg/kg	1000		-		
Selenium	.12	U	mg/kg	1		-			.11	U	mg/kg	1		-		
Silver	.5	U	mg/kg	2		-			.44	U	mg/kg	2		-		
Sodium	194	J	mg/kg	1000		-			150	J	mg/kg	1000		-		
Thallium	.17	U	mg/kg	2		-			.15	U	mg/kg	2		-		
Vanadium	33.3		mg/kg	10		-			.4	U	mg/kg	10		-		
Zinc	4	J	mg/kg	4		-			13.6		mg/kg	4		-		
Cyanide	.18	U	mg/kg	1		-			.16	U	mg/kg	.5		-		

U = NOT DETECTED J = ESTIMATED VALUE
UJ = [illegible]ORTED QUANTITATION LIMIT IS QUALIFIE DAS ESTIMATED
R - [illegible]LT IS REJECTED AND UNUSABLE

06/29/94 Whiting Field - Site 29 - ...idated Analytical Results 13:45:59
Metals and Cyanide

Lab Sample Number: 34823006
Site: WHITING
Locator: ~~4T3B1-60-62~~ (29S31-60-62) locator incorrect in system RSP 6-29-94
Collect Date: 07-JAN-93

	VALUE	QUAL	UNITS	DL
CLP METALS AND CYANIDE				
Aluminum	347		mg/kg	40
Antimony	2.6	U	mg/kg	12
Arsenic	.15	U	mg/kg	2
Barium	.51	J	mg/kg	40
Beryllium	.11	U	mg/kg	1
Cadmium	.26	U	mg/kg	1
Calcium	70.3	J	mg/kg	1000
Chromium	2.1	J	mg/kg	2
Cobalt	.12	U	mg/kg	10
Copper	1.2	J	mg/kg	5
Iron	457		mg/kg	20
Lead	.3	J	mg/kg	1
Magnesium	14.3	J	mg/kg	1000
Manganese	2.4	J	mg/kg	3
Mercury	.04	J	mg/kg	.1
Nickel	1.7	U	mg/kg	8
Potassium	41.1	U	mg/kg	1000
Selenium	.11	U	mg/kg	1
Silver	.45	U	mg/kg	2
Sodium	169	J	mg/kg	1000
Thallium	.15	U	mg/kg	2
Vanadium	1.6	J	mg/kg	10
Zinc	3.8	J	mg/kg	4
Cyanide	.16	U	mg/kg	1

08/13/93 WHITING FIELD ANALYTICAL RESULT REPORT 10:35:19
SORING BORING -- METALS & CYANIDES -- VALIDATED RESULTS

Lab Sample Number:	34815007				34815008				34815008MS				34815008MS			
Site	WHITING				WHITING				WHITING				WHITING			
Locator	29SB2-0-2				29SB2-12-14				29SB2-12-14				29SB2-12-14			
Collect Date:	06-JAN-93				06-JAN-93				06-JAN-93				06-JAN-93			
	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL
CLP METALS AND CYANIDE																
Aluminum	15800		mg/kg	40	12700		mg/kg	40	-				-			
Antimony	5.3	U	mg/kg	12	11.5	J	mg/kg	12	-				-			
Arsenic	2.4		mg/kg	2	.87	J	mg/kg	2	-				-			
Barium	14.1	J	mg/kg	40	11.7	J	mg/kg	40	-				-			
Beryllium	.06	U	mg/kg	1	.07	U	mg/kg	1	-				-			
Cadmium	.86	U	mg/kg	1	.98	U	mg/kg	1	-				-			
Calcium	156	J	mg/kg	1000	8.1	U	mg/kg	1000	-				-			
Chromium	13		mg/kg	2	77.5		mg/kg	2	-				-			
Cobalt	.79	J	mg/kg	10	4.1	J	mg/kg	10	-				-			
Copper	4.2	J	mg/kg	5	.42	U	mg/kg	5	-				-			
Iron	7230		mg/kg	20	71500		mg/kg	20	-				-			
Lead	11.4		mg/kg	1	3.6		mg/kg	1	-				-			
Magnesium	182	J	mg/kg	1000	114	J	mg/kg	1000	-				-			
Manganese	28.2		mg/kg	3	9.5		mg/kg	3	-				-			
Mercury	.02	UJ	mg/kg	.1	.02	UJ	mg/kg	.1	-				-			
Nickel	3.4	J	mg/kg	8	3.1	U	mg/kg	8	-				-			
Potassium	111	U	mg/kg	1000	127	U	mg/kg	1000	-				-			
Selenium	1	J	mg/kg	1	.56	U	mg/kg	1	-				-			
Silver	.52	U	mg/kg	2	3.4		mg/kg	2	-				-			
Sodium	23.5	J	mg/kg	1000	13.8	U	mg/kg	1000	-				-			
Thallium	.55	U	mg/kg	2	6.3	U	mg/kg	2	-				-			
Vanadium	20.1		mg/kg	10	304		mg/kg	10	-				-			
Zinc	7.1		mg/kg	4	.39	U	mg/kg	4	-				-			
Cyanide	.45	J	mg/kg	1	.66	J	mg/kg	1	-				-			

U = NOT DETECTED J = ESTIMATED VALUE
UJ = [illegible]PORTED QUANTITATION LIMIT IS QUALIFIE DAS ESTIMATED
R = [illegible]LT IS REJECTED AND UNUSABLE

08/13/93 WHITING FIELD ANALY..CAL RESULT REPORT 10:36:16
SORING BORING -- METALS & CYANIDES -- VALIDATED RESULTS

Lab Sample Number:	34815019				34815020				
Site	WHITING				WHITING				
Locator	29SB3-0-2				29SB3-10-12				
Collect Date:	06-JAN-93				06-JAN-93				
	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	
CLP METALS AND CYANIDE									
Aluminum	16300		mg/kg	40	8360		mg/kg	40	
Antimony	5.4	U	mg/kg	12	6.4	U	mg/kg	12	
Arsenic	3.7		mg/kg	2	1.1	J	mg/kg	2	
Barium	8.3	J	mg/kg	40	8.3	J	mg/kg	40	
Beryllium	.09	J	mg/kg	1	.07	U	mg/kg	1	
Cadmium	.86	U	mg/kg	1	1	U	mg/kg	1	
Calcium	481	J	mg/kg	1000	8.5	U	mg/kg	1000	
Chromium	16		mg/kg	2	9.5		mg/kg	2	
Cobalt	.98	J	mg/kg	10	1.7	J	mg/kg	10	
Copper	2.6	J	mg/kg	5	.44	U	mg/kg	5	
Iron	11400		mg/kg	20	31800		mg/kg	20	
Lead	8.8		mg/kg	1	4.8		mg/kg	1	
Magnesium	75.5	J	mg/kg	1000	88.8	J	mg/kg	1000	
Manganese	21.8		mg/kg	3	5.9		mg/kg	3	
Mercury	.02	J	mg/kg	.1	.02	J	mg/kg	.1	
Nickel	2.7	U	mg/kg	8	3.2	U	mg/kg	8	
Potassium	112	U	mg/kg	1000	179	J	mg/kg	1000	
Selenium	1.4		mg/kg	1	.7	U	mg/kg	1	
Silver	.53	U	mg/kg	2	1.3	J	mg/kg	2	
Sodium	12.9	J	mg/kg	1000	14.4	U	mg/kg	1000	
Thallium	5.5	U	mg/kg	2	.66	U	mg/kg	2	
Vanadium	41		mg/kg	10	31.1		mg/kg	10	
Zinc	11.3		mg/kg	4	.41	U	mg/kg	4	
Cyanide	.46	J	mg/kg	1	.53	J	mg/kg	1	

U = NOT DETECTED J = ESTIMATED VALUE
UJ = REPORTED QUANTITATION LIMIT IS QUALIFIE DAS ESTIMATED
R - RESULT IS REJECTED AND UNUSABLE

08/13/93 WHITING FIELD ANAL..CAL RESULT REPORT 10:36:51
SORING BORING -- METALS & CYANIDES -- VALIDATED RESULTS

Lab Sample Number:	34815009				34815009RE				34815010				34815011			
Site	WHITING				WHITING				WHITING				WHITING			
Locator	29SB4-0-2				29SB4-0-2RE				29SB4-5-7				29SB4-15-17			
Collect Date:	06-JAN-93				06-JAN-93				06-JAN-93				06-JAN-93			
	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL
CLP METALS AND CYANIDE																
Aluminum	10400		mg/kg	40	-				22300		mg/kg	40	1310		mg/kg	40
Antimony	5.3	U	mg/kg	12	-				5.7	U	mg/kg	12	5.9	U	mg/kg	12
Arsenic	3		mg/kg	2	-				2.5		mg/kg	2	.42	U	mg/kg	2
Barium	10.3	J	mg/kg	40	-				12.6	J	mg/kg	40	1.4	J	mg/kg	40
Beryllium	.06	U	mg/kg	1	-				.06	U	mg/kg	1	.06	U	mg/kg	1
Cadmium	.85	U	mg/kg	1	-				.91	U	mg/kg	1	.94	U	mg/kg	1
Calcium	242	J	mg/kg	1000	-				120	J	mg/kg	1000	7.8	U	mg/kg	1000
Chromium	8.4		mg/kg	2	-				15.6		mg/kg	2	1.9	J	mg/kg	2
Cobalt	.66	J	mg/kg	10	-				.52	UJ	mg/kg	10	.54	UJ	mg/kg	10
Copper	8.1		mg/kg	5	-				3.4	J	mg/kg	5	.4	U	mg/kg	5
Iron	5480		mg/kg	20	-				6760		mg/kg	20	2260		mg/kg	20
Lead	14.4		mg/kg	1	-				1.6		mg/kg	1	1.4		mg/kg	1
Magnesium	131	J	mg/kg	1000	-				126	J	mg/kg	1000	16.1	J	mg/kg	1000
Manganese	45.8		mg/kg	3	-				30.1		mg/kg	3	1.6	J	mg/kg	3
Mercury	.02	UJ	mg/kg	.1	-				.02	UJ	mg/kg	.1	.02	UJ	mg/kg	.1
Nickel	2.8	J	mg/kg	8	-				2.9	U	mg/kg	8	3	U	mg/kg	8
Potassium	110	U	mg/kg	1000	-				119	U	mg/kg	1000	123	U	mg/kg	1000
Selenium	1	J	mg/kg	1	-				.82	J	mg/kg	1	.51	U	mg/kg	1
Silver	.52	U	mg/kg	2	-				.56	U	mg/kg	2	.58	U	mg/kg	2
Sodium	12	U	mg/kg	1000	-				12.8	U	mg/kg	1000	13.3	U	mg/kg	1000
Thallium	.55	U	mg/kg	2	-				.59	U	mg/kg	2	.61	U	mg/kg	2
Vanadium	14.8		mg/kg	10	-				23.2		mg/kg	10	5.5	J	mg/kg	10
Zinc	6		mg/kg	4	-				4.1	J	mg/kg	4	.48	J	mg/kg	4
Cyanide	.53	J	mg/kg	1	-				.62	J	mg/kg	1	.68	J	mg/kg	1

U = NOT DETECTED J = ESTIMATED VALUE
UJ = REPORTED QUANTITATION LIMIT IS QUALIFIE DAS ESTIMATED
R - ILT IS REJECTED AND UNUSABLE

08/13/93 WHITING FIELD ANALYTICAL RESULT REPORT 10:37:30
SORING BORING -- METALS & CYANIDES -- VALIDATED RESULTS

Lab Sample Number:		34815013				34815014				34815015				34815016		
Site		WHITING				WHITING				WHITING				WHITING		
Locator		29SB5-0-2				29SB5-5-7				29SB5-10-12				29SB5-15-17		
Collect Date:		06-JAN-93				06-JAN-93				06-JAN-93				06-JAN-93		
	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL
CLP METALS AND CYANIDE																
Aluminum	4090		mg/kg	40	7090		mg/kg	40	13900		mg/kg	40	2810		mg/kg	40
Antimony	5.3	U	mg/kg	12	5.9	U	mg/kg	12	30.2	U	mg/kg	12	5.6	U	mg/kg	12
Arsenic	2.5		mg/kg	2	1.1	J	mg/kg	2	1.1	J	mg/kg	2	.87	J	mg/kg	2
Barium	7.1	J	mg/kg	40	8.6	J	mg/kg	40	3.2	J	mg/kg	40	2.1	J	mg/kg	40
Beryllium	.06	U	mg/kg	1	.06	U	mg/kg	1	.33	U	mg/kg	1	.06	U	mg/kg	1
Cadmium	.84	U	mg/kg	1	.94	U	mg/kg	1	4.8	U	mg/kg	1	.9	U	mg/kg	1
Calcium	239	J	mg/kg	1000	24.5	J	mg/kg	1000	8	U	mg/kg	1000	7.5	U	mg/kg	1000
Chromium	9.4		mg/kg	2	10		mg/kg	2	145		mg/kg	2	2.4		mg/kg	2
Cobalt	.65	J	mg/kg	10	.54	UJ	mg/kg	10	6.6	J	mg/kg	10	.51	UJ	mg/kg	10
Copper	1.7	J	mg/kg	5	.4	U	mg/kg	5	2.1	U	mg/kg	5	1.9	J	mg/kg	5
Iron	8820		mg/kg	20	10800		mg/kg	20	146000		mg/kg	20	1840		mg/kg	20
Lead	20.1		mg/kg	1	4		mg/kg	1	4.6		mg/kg	1	4.1		mg/kg	1
Magnesium	298	J	mg/kg	1000	31.1	J	mg/kg	1000	45.9	J	mg/kg	1000	26.9	J	mg/kg	1000
Manganese	80.9		mg/kg	3	5.2		mg/kg	3	15.8	J	mg/kg	3	2.7	J	mg/kg	3
Mercury	.17		mg/kg	.1	.02	UJ	mg/kg	.1	.02	UJ	mg/kg	.1	.02	UJ	mg/kg	.1
Nickel	2.7	U	mg/kg	8	3	U	mg/kg	8	15.3	U	mg/kg	8	2.8	U	mg/kg	8
Potassium	109	U	mg/kg	1000	122	U	mg/kg	1000	628	U	mg/kg	1000	117	U	mg/kg	1000
Selenium	.79	J	mg/kg	1	.9	J	mg/kg	1	.52	U	mg/kg	1	.49	U	mg/kg	1
Silver	.52	U	mg/kg	2	.58	U	mg/kg	2	5.9	J	mg/kg	2	.55	U	mg/kg	2
Sodium	11.9	U	mg/kg	1000	13.3	U	mg/kg	1000	68.1	U	mg/kg	1000	12.7	U	mg/kg	1000
Thallium	.54	U	mg/kg	2	.61	U	mg/kg	2	6.2	U	mg/kg	2	.58	U	mg/kg	2
Vanadium	19		mg/kg	10	28.3		mg/kg	10	513		mg/kg	10	13.6		mg/kg	10
Zinc	13.5		mg/kg	4	.38	U	mg/kg	4	1.9	U	mg/kg	4	.48	J	mg/kg	4
Cyanide	.57	J	mg/kg	1	.5	J	mg/kg	1	.57	J	mg/kg	1	.52	J	mg/kg	1

U = NOT DETECTED J = ESTIMATED VALUE
UJ = REPORTED QUANTITATION LIMIT IS QUALIFIE DAS ESTIMATED
R - RESULT IS REJECTED AND UNUSABLE

08/04/94 WHITING FIELD SITE 29 - TPH 14:42:18
SOIL BORINGS - VALIDATED ANALYTICAL RESULTS -

Lab Sample Number:		34824001				34824002				34823007				34823006	
Site		WHITING				WHITING				WHITING				WHITING	
Locator		29SB1-0-2				29SB1-0-2A				29SB1-5-7				29SB1-60-62	
Collect Date:		07-JAN-93				07-JAN-93				07-JAN-93				07-JAN-93	
	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL
TOTAL PETROLEUM HYDROCARBON																
Total petroleum hydrocarbon	44.3		mg/kg		37.1		mg/kg		1.9	U	mg/kg	1.9	1.8	U	mg/kg	1.8

08/04/94 WHITING FIELD SITE 29 - TPH 14:42:18
SOIL BORINGS - VALIDATED ANALYTICAL RESULTS -

Lab Sample Number:		34846007				34815007				34815008				34815019	
Site		WHITING				WHITING				WHITING				WHITING	
Locator		29SB1-125				29SB2-0-2				29SB2-12-14				29SB3-0-2	
Collect Date:		12-JAN-93				06-JAN-93				06-JAN-93				06-JAN-93	
	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL
TOTAL PETROLEUM HYDROCARBON																
Total petroleum hydrocarbon	3.4	UJ	mg/kg		2.2		mg/kg		2	U	mg/kg		103		mg/kg	

08/04/94 WHITING FIELD · .TE 29 - TPH 14:42:18
SOIL BORINGS - VALIDATED ANALYTICAL RESULTS -

Lab Sample Number:		34815020			34815009			34815010			34815011		
Site		WHITING			WHITING			WHITING			WHITING		
Locator		29SB3-10-12			29SB4-0-2			29SB4-5-7			29SB4-15-17		
Collect Date:		06-JAN-93			06-JAN-93			06-JAN-93			06-JAN-93		
	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL
TOTAL PETROLEUM HYDROCARBON																
Total petroleum hydrocarbon	2.2		mg/kg		377		mg/kg		16.4		mg/kg		2.3	U	mg/kg	2.3

08/04/94 WHITING FIELD SITE 29 - TPH 14:42:18
SOIL BORINGS - VALIDATED ANALYTICAL RESULTS -

	Lab Sample Number:	34815013				34815015				34815016				34815014			
	Site	WHITING				WHITING				WHITING				WHITING			
	Locator	29SB5-0-2				29SB5-10-12				29SB5-15-17				29SB5-5-7			
	Collect Date:	06-JAN-93				06-JAN-93				06-JAN-93				06-JAN-93			
		VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL
TOTAL PETROLEUM HYDROCARBON																	
Total petroleum hydrocarbon		124		mg/kg		2.1	U	mg/kg	2.1	4.2		mg/kg		2	U	mg/kg	2

SITE 30

SOIL BORINGS - VALIDATED DATA

Lab Sample Number:		34607006				34607007				34607008				34607009		
Site		WHITING				WHITING				WHITING				WHITING		
Locator		30SB1-2-4				30SB1-2-4A				30SB1-5-7				30SB1-10-12		
Collect Date:		06-DEC-92				06-DEC-92				06-DEC-92				06-DEC-92		
	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL
CLP VOLATILES 90-SOW																
Chloromethane	12	U	ug/kg	12	11	U	ug/kg	11	12	U	ug/kg	12	57	U	ug/kg	57
Bromomethane	12	U	ug/kg	12	11	U	ug/kg	11	12	U	ug/kg	12	57	U	ug/kg	57
Vinyl chloride	12	U	ug/kg	12	11	U	ug/kg	11	12	U	ug/kg	12	57	U	ug/kg	57
Chloroethane	12	U	ug/kg	12	11	U	ug/kg	11	12	U	ug/kg	12	57	U	ug/kg	57
Methylene chloride	12	UJ	ug/kg	12	11	UJ	ug/kg	11	12	UJ	ug/kg	12	17	UJ	ug/kg	57
Acetone	12	UJ	ug/kg	12	11	UJ	ug/kg	11	64	J	ug/kg	12	690	J	ug/kg	57
Carbon disulfide	12	U	ug/kg	12	11	U	ug/kg	11	12	U	ug/kg	12	57	U	ug/kg	57
1,1-Dichloroethene	12	U	ug/kg	12	11	U	ug/kg	11	12	U	ug/kg	12	57	U	ug/kg	57
1,1-Dichloroethane	12	U	ug/kg	12	11	U	ug/kg	11	12	U	ug/kg	12	57	U	ug/kg	57
1,2-Dichloroethene (total)	12	U	ug/kg	12	11	U	ug/kg	11	12	U	ug/kg	12	57	U	ug/kg	57
Chloroform	12	U	ug/kg	12	11	U	ug/kg	11	12	U	ug/kg	12	57	U	ug/kg	57
1,2-Dichloroethane	12	U	ug/kg	12	11	U	ug/kg	11	12	U	ug/kg	12	57	U	ug/kg	57
2-Butanone	12	U	ug/kg	12	11	U	ug/kg	11	12	U	ug/kg	12	57	U	ug/kg	57
1,1,1-Trichloroethane	12	U	ug/kg	12	11	U	ug/kg	11	12	U	ug/kg	12	57	U	ug/kg	57
Carbon tetrachloride	12	U	ug/kg	12	11	U	ug/kg	11	12	U	ug/kg	12	57	U	ug/kg	57
Bromodichloromethane	12	U	ug/kg	12	11	U	ug/kg	11	12	U	ug/kg	12	57	U	ug/kg	57
1,2-Dichloropropane	12	U	ug/kg	12	11	U	ug/kg	11	12	U	ug/kg	12	57	U	ug/kg	57
cis-1,3-Dichloropropene	12	U	ug/kg	12	11	U	ug/kg	11	12	U	ug/kg	12	57	U	ug/kg	57
Trichloroethene	38		ug/kg	12	41		ug/kg	11	160		ug/kg	12	57	U	ug/kg	57
Dibromochloromethane	12	U	ug/kg	12	11	U	ug/kg	11	12	U	ug/kg	12	57	U	ug/kg	57
1,1,2-Trichloroethane	12	U	ug/kg	12	11	U	ug/kg	11	12	U	ug/kg	12	57	U	ug/kg	57
Benzene	12	U	ug/kg	12	11	U	ug/kg	11	12	U	ug/kg	12	57	U	ug/kg	57
trans-1,3-Dichloropropene	12	U	ug/kg	12	11	U	ug/kg	11	12	U	ug/kg	12	57	U	ug/kg	57
Bromoform	12	U	ug/kg	12	11	U	ug/kg	11	12	U	ug/kg	12	57	U	ug/kg	57
4-Methyl-2-pentanone	12	U	ug/kg	12	11	U	ug/kg	11	12	U	ug/kg	12	57	U	ug/kg	57
2-Hexanone	12	U	ug/kg	12	11	U	ug/kg	11	12	U	ug/kg	12	57	U	ug/kg	57
Tetrachloroethene	12	U	ug/kg	12	11	U	ug/kg	11	12	U	ug/kg	12	57	U	ug/kg	57
Toluene	12	U	ug/kg	12	11	U	ug/kg	11	12	U	ug/kg	12	57	U	ug/kg	57
1,1,2,2-Tetrachloroethane	12	U	ug/kg	12	11	U	ug/kg	11	12	U	ug/kg	12	57	U	ug/kg	57
Chlorobenzene	12	U	ug/kg	12	11	U	ug/kg	11	12	U	ug/kg	12	57	U	ug/kg	57
Ethylbenzene	12	U	ug/kg	12	11	U	ug/kg	11	12	U	ug/kg	12	57	U	ug/kg	57
Styrene	12	U	ug/kg	12	11	U	ug/kg	11	12	U	ug/kg	12	57	U	ug/kg	57
Xylenes (total)	12	U	ug/kg	12	11	U	ug/kg	11	12	U	ug/kg	12	57	U	ug/kg	57

08/04/94 WHITING FIELD - SITE 30 - TCL VOCS 14:05:23
SOIL BORINGS - VALIDATED DATA

Lab Sample Number:	34607010				34607013				34607014				34617001			
Site	WHITING				WHITING				WHITING				WHITING			
Locator	30SB1-15-17				30SB1-35-37				30SB1-60-62				30SB1-120			
Collect Date:	06-DEC-92				06-DEC-92				06-DEC-92				08-DEC-92			
	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL
CLP VOLATILES 90-SOW																
Chloromethane	53	U	ug/kg	53	11	U	ug/kg	11	11	U	ug/kg	11	12	U	ug/kg	12
Bromomethane	53	U	ug/kg	53	11	U	ug/kg	11	11	U	ug/kg	11	12	U	ug/kg	12
Vinyl chloride	53	U	ug/kg	53	11	U	ug/kg	11	11	U	ug/kg	11	12	U	ug/kg	12
Chloroethane	53	U	ug/kg	53	11	U	ug/kg	11	11	U	ug/kg	11	12	U	ug/kg	12
Methylene chloride	13	UJ	ug/kg	53	11	UJ	ug/kg	10	11	UJ	ug/kg	11	12	UJ	ug/kg	12
Acetone	53	J	ug/kg	53	11	UJ	ug/kg	10	11	UJ	ug/kg	11	12	UJ	ug/kg	12
Carbon disulfide	53	U	ug/kg	53	11	U	ug/kg	11	11	U	ug/kg	11	12	U	ug/kg	12
1,1-Dichloroethene	53	U	ug/kg	53	11	U	ug/kg	11	11	U	ug/kg	11	12	U	ug/kg	12
1,1-Dichloroethane	53	U	ug/kg	53	11	U	ug/kg	11	11	U	ug/kg	11	12	U	ug/kg	12
1,2-Dichloroethene (total)	53	U	ug/kg	53	11	U	ug/kg	11	11	U	ug/kg	11	12	U	ug/kg	12
Chloroform	53	U	ug/kg	53	11	U	ug/kg	11	11	U	ug/kg	11	12	U	ug/kg	12
1,2-Dichloroethane	53	U	ug/kg	53	11	U	ug/kg	11	11	U	ug/kg	11	12	U	ug/kg	12
2-Butanone	53	U	ug/kg	53	11	U	ug/kg	11	11	U	ug/kg	11	12	U	ug/kg	12
1,1,1-Trichloroethane	53	U	ug/kg	53	11	U	ug/kg	11	11	U	ug/kg	11	12	U	ug/kg	12
Carbon tetrachloride	53	U	ug/kg	53	11	U	ug/kg	11	11	U	ug/kg	11	12	U	ug/kg	12
Bromodichloromethane	53	U	ug/kg	53	11	U	ug/kg	11	11	U	ug/kg	11	12	U	ug/kg	12
1,2-Dichloropropane	53	U	ug/kg	53	11	U	ug/kg	11	11	U	ug/kg	11	12	U	ug/kg	12
cis-1,3-Dichloropropene	53	U	ug/kg	53	11	U	ug/kg	11	11	U	ug/kg	11	12	U	ug/kg	12
Trichloroethene	53	U	ug/kg	53	11	U	ug/kg	11	11	U	ug/kg	11	12	U	ug/kg	12
Dibromochloromethane	53	U	ug/kg	53	11	U	ug/kg	11	11	U	ug/kg	11	12	U	ug/kg	12
1,1,2-Trichloroethane	53	U	ug/kg	53	11	U	ug/kg	11	11	U	ug/kg	11	12	U	ug/kg	12
Benzene	53	U	ug/kg	53	11	U	ug/kg	11	11	U	ug/kg	11	12	U	ug/kg	12
trans-1,3-Dichloropropene	53	U	ug/kg	53	11	U	ug/kg	11	11	U	ug/kg	11	12	U	ug/kg	12
Bromoform	53	U	ug/kg	53	11	U	ug/kg	11	11	U	ug/kg	11	12	U	ug/kg	12
4-Methyl-2-pentanone	53	U	ug/kg	53	11	U	ug/kg	11	11	U	ug/kg	11	12	U	ug/kg	12
2-Hexanone	53	U	ug/kg	53	11	U	ug/kg	11	11	U	ug/kg	11	12	U	ug/kg	12
Tetrachloroethene	53	U	ug/kg	53	11	U	ug/kg	11	11	U	ug/kg	11	12	U	ug/kg	12
Toluene	53	U	ug/kg	53	11	U	ug/kg	11	11	U	ug/kg	11	12	U	ug/kg	12
1,1,2,2-Tetrachloroethane	53	U	ug/kg	53	11	U	ug/kg	11	11	U	ug/kg	11	12	U	ug/kg	12
Chlorobenzene	53	U	ug/kg	53	11	U	ug/kg	11	11	U	ug/kg	11	12	U	ug/kg	12
Ethylbenzene	53	U	ug/kg	53	11	U	ug/kg	11	11	U	ug/kg	11	12	U	ug/kg	12
Styrene	53	U	ug/kg	53	11	U	ug/kg	11	11	U	ug/kg	11	12	U	ug/kg	12
Xylenes (total)	53	U	ug/kg	53	11	U	ug/kg	11	11	U	ug/kg	11	12	U	ug/kg	12

08/04/94 WHITING FIELD - SITE 30 - TCL VOCS 14:05:23
SOIL BORINGS - VALIDATED DATA

	34799009				34799010				34799011				34799007			
Lab Sample Number:																
Site	WHITING				WHITING				WHITING				WHITING			
Locator	30SB02-0-2				30SB02-10-12				30SB02-20-22				30SB03-0-2			
Collect Date:	04-JAN-93				04-JAN-93				04-JAN-93				04-JAN-93			
	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL
CLP VOLATILES 90-SOW																
Chloromethane	1400	UJ	ug/kg	1400	11	U	ug/kg	11	10	U	ug/kg	10	58	U	ug/kg	58
Bromomethane	1400	U	ug/kg	1400	11	U	ug/kg	11	10	U	ug/kg	10	58	U	ug/kg	58
Vinyl chloride	1400	U	ug/kg	1400	11	U	ug/kg	11	10	U	ug/kg	10	58	U	ug/kg	58
Chloroethane	1400	U	ug/kg	1400	11	U	ug/kg	11	10	U	ug/kg	10	58	U	ug/kg	58
Methylene chloride	1400	U	ug/kg	1400	11	U	ug/kg	11	10	U	ug/kg	10	58	U	ug/kg	58
Acetone	1400	UJ	ug/kg	1400	26		ug/kg	11	9	J	ug/kg	10	58	U	ug/kg	58
Carbon disulfide	1400	U	ug/kg	1400	11	U	ug/kg	11	10	U	ug/kg	10	58	U	ug/kg	58
1,1-Dichloroethene	1400	U	ug/kg	1400	11	U	ug/kg	11	10	U	ug/kg	10	58	U	ug/kg	58
1,1-Dichloroethane	1400	U	ug/kg	1400	11	U	ug/kg	11	10	U	ug/kg	10	58	U	ug/kg	58
1,2-Dichloroethene (total)	1400	U	ug/kg	1400	11	U	ug/kg	11	10	U	ug/kg	10	58	U	ug/kg	58
Chloroform	1400	U	ug/kg	1400	11	U	ug/kg	11	10	U	ug/kg	10	58	U	ug/kg	58
1,2-Dichloroethane	1400	U	ug/kg	1400	11	UJ	ug/kg	11	10	U	ug/kg	10	58	UJ	ug/kg	58
2-Butanone	1400	U	ug/kg	1400	11	UJ	ug/kg	11	10	U	ug/kg	10	58	UJ	ug/kg	58
1,1,1-Trichloroethane	1400	U	ug/kg	1400	11	U	ug/kg	11	10	U	ug/kg	10	58	U	ug/kg	58
Carbon tetrachloride	1400	U	ug/kg	1400	11	U	ug/kg	11	10	U	ug/kg	10	58	U	ug/kg	58
Bromodichloromethane	1400	U	ug/kg	1400	11	U	ug/kg	11	10	U	ug/kg	10	58	U	ug/kg	58
1,2-Dichloropropane	1400	U	ug/kg	1400	11	U	ug/kg	11	10	U	ug/kg	10	58	U	ug/kg	58
cis-1,3-Dichloropropene	1400	U	ug/kg	1400	11	U	ug/kg	11	10	U	ug/kg	10	58	U	ug/kg	58
Trichloroethene	180	J	ug/kg	14	11	U	ug/kg	11	10	U	ug/kg	10	58	U	ug/kg	58
Dibromochloromethane	1400	U	ug/kg	1400	11	U	ug/kg	11	10	U	ug/kg	10	58	U	ug/kg	58
1,1,2-Trichloroethane	1400	U	ug/kg	1400	11	U	ug/kg	11	10	U	ug/kg	10	58	U	ug/kg	58
Benzene	1400	U	ug/kg	1400	11	U	ug/kg	11	10	U	ug/kg	10	58	U	ug/kg	58
trans-1,3-Dichloropropene	1400	U	ug/kg	1400	11	U	ug/kg	11	10	U	ug/kg	10	58	U	ug/kg	58
Bromoform	1400	U	ug/kg	1400	11	U	ug/kg	11	10	U	ug/kg	10	58	U	ug/kg	58
4-Methyl-2-pentanone	1400	U	ug/kg	1400	11	UJ	ug/kg	11	10	U	ug/kg	10	58	UJ	ug/kg	58
2-Hexanone	1400	U	ug/kg	1400	11	UJ	ug/kg	11	10	U	ug/kg	10	58	UJ	ug/kg	58
Tetrachloroethene	1400	U	ug/kg	1400	11	U	ug/kg	11	10	U	ug/kg	10	58	U	ug/kg	58
Toluene	1400	U	ug/kg	1400	11	U	ug/kg	11	10	U	ug/kg	10	58	U	ug/kg	58
1,1,2,2-Tetrachloroethane	1400	U	ug/kg	1400	11	U	ug/kg	11	10	U	ug/kg	10	58	U	ug/kg	58
Chlorobenzene	1400	U	ug/kg	1400	11	U	ug/kg	11	10	U	ug/kg	10	58	U	ug/kg	58
Ethylbenzene	1400	U	ug/kg	1400	11	U	ug/kg	11	10	U	ug/kg	10	58	U	ug/kg	58
Styrene	1400	U	ug/kg	1400	11	U	ug/kg	11	10	U	ug/kg	10	58	U	ug/kg	58
Xylenes (total)	1400	U	ug/kg	1400	11	U	ug/kg	11	10	U	ug/kg	10	58	U	ug/kg	58

08/04/94 WHITING FIELD - SITE 30 - TCL VOCS 14:05:23
SOIL BORINGS - VALIDATED DATA

Lab Sample Number:	34799008				34799008RE				34799012				34799013						
Site	WHITING				WHITING				WHITING				WHITING						
Locator	30SB03-10-12				30SB3-10-12RE				30SB04-0-2				30SB04-5-7						
Collect Date:	04-JAN-93				04-JAN-93				04-JAN-93				04-JAN-93						
	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL			
CLP VOLATILES 90-SOW																			
Chloromethane	11	U	ug/kg	11	56	U	ug/kg	56	1500	UJ	ug/kg	1500	7600	UJ	ug/kg	7600			
Bromomethane	11	U	ug/kg	11	56	U	ug/kg	56	1500	U	ug/kg	1500	7600	U	ug/kg	7600			
Vinyl chloride	11	U	ug/kg	11	56	U	ug/kg	56	1500	U	ug/kg	1500	7600	U	ug/kg	7600			
Chloroethane	11	U	ug/kg	11	56	U	ug/kg	56	1500	U	ug/kg	1500	7600	U	ug/kg	7600			
Methylene chloride	11	U	ug/kg	11	56	U	ug/kg	56	1500	U	ug/kg	1500	7600	U	ug/kg	7600			
Acetone	380	J	ug/kg	11	670		ug/kg	56	1500	UJ	ug/kg	1500	7600	UJ	ug/kg	7600			
Carbon disulfide	11	U	ug/kg	11	56	U	ug/kg	56	1500	U	ug/kg	1500	7600	U	ug/kg	7600			
1,1-Dichloroethene	11	U	ug/kg	11	56	U	ug/kg	56	1500	U	ug/kg	1500	7600	U	ug/kg	7600			
1,1-Dichloroethane	11	U	ug/kg	11	56	U	ug/kg	56	1500	U	ug/kg	1500	7600	U	ug/kg	7600			
1,2-Dichloroethene (total)	11	U	ug/kg	11	56	U	ug/kg	56	1500	U	ug/kg	1500	7600	U	ug/kg	7600			
Chloroform	11	U	ug/kg	11	56	U	ug/kg	56	1500	U	ug/kg	1500	7600	U	ug/kg	7600			
1,2-Dichloroethane	11	U	ug/kg	11	56	UJ	ug/kg	56	1500	U	ug/kg	1500	7600	U	ug/kg	7600			
2-Butanone	11	U	ug/kg	11	56	UJ	ug/kg	56	1500	U	ug/kg	1500	7600	UJ	ug/kg	7600			
1,1,1-Trichloroethane	11	U	ug/kg	11	56	U	ug/kg	56	1500	U	ug/kg	1500	7600	U	ug/kg	7600			
Carbon tetrachloride	11	U	ug/kg	11	56	U	ug/kg	56	1500	U	ug/kg	1500	7600	U	ug/kg	7600			
Bromodichloromethane	11	U	ug/kg	11	56	U	ug/kg	56	1500	U	ug/kg	1500	7600	U	ug/kg	7600			
1,2-Dichloropropane	11	U	ug/kg	11	56	U	ug/kg	56	1500	U	ug/kg	1500	7600	U	ug/kg	7600			
cis-1,3-Dichloropropene	11	U	ug/kg	11	56	U	ug/kg	56	1500	U	ug/kg	1500	7600	U	ug/kg	7600			
Trichloroethene	11	U	ug/kg	11	56	U	ug/kg	56	1500	U	ug/kg	1500	7600	U	ug/kg	7600			
Dibromochloromethane	11	U	ug/kg	11	56	U	ug/kg	56	1500	U	ug/kg	1500	7600	U	ug/kg	7600			
1,1,2-Trichloroethane	11	U	ug/kg	11	56	U	ug/kg	56	1500	U	ug/kg	1500	7600	U	ug/kg	7600			
Benzene	11	U	ug/kg	11	56	U	ug/kg	56	1500	U	ug/kg	1500	7600	U	ug/kg	7600			
trans-1,3-Dichloropropene	11	U	ug/kg	11	56	U	ug/kg	56	1500	U	ug/kg	1500	7600	U	ug/kg	7600			
Bromoform	11	U	ug/kg	11	56	U	ug/kg	56	1500	U	ug/kg	1500	7600	U	ug/kg	7600			
4-Methyl-2-pentanone	11	U	ug/kg	11	56	UJ	ug/kg	56	1500	U	ug/kg	1500	7600	U	ug/kg	7600			
2-Hexanone	11	U	ug/kg	11	56	UJ	ug/kg	56	1500	U	ug/kg	1500	7600	UJ	ug/kg	7600			
Tetrachloroethene	11	U	ug/kg	11	56	U	ug/kg	56	1500	U	ug/kg	1500	7600	U	ug/kg	7600			
Toluene	11	U	ug/kg	11	56	U	ug/kg	56	1500	U	ug/kg	1500	7600	U	ug/kg	7600			
1,1,2,2-Tetrachloroethane	11	U	ug/kg	11	56	U	ug/kg	56	1500	U	ug/kg	1500	7600	U	ug/kg	7600			
Chlorobenzene	11	U	ug/kg	11	56	U	ug/kg	56	1500	U	ug/kg	1500	7600	U	ug/kg	7600			
Ethylbenzene	11	U	ug/kg	11	56	U	ug/kg	56	1500	U	ug/kg	1500	7600	U	ug/kg	7600			
Styrene	11	U	ug/kg	11	56	U	ug/kg	56	1500	U	ug/kg	1500	7600	U	ug/kg	7600			
Xylenes (total)	11	U	ug/kg	11	56	U	ug/kg	56	1500	U	ug/kg	1500	7600	U	ug/kg	7600			

SOIL BORINGS - VALIDATED DATA

Lab Sample Number:	34807008				34807009				34807010				34807023			
Site	WHITING				WHITING				WHITING				WHITING			
Locator	30SB4-10-12				30SB4-15-17				30SB4-25-27				30SB5-0-2			
Collect Date:	05-JAN-93				05-JAN-93				05-JAN-93				05-JAN-93			
	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL
CLP VOLATILES 90-SOW																
Chloromethane	11	U	ug/kg	11	1300	UJ	ug/kg	1300	10	U	ug/kg	10	12	U	ug/kg	12
Bromomethane	11	U	ug/kg	11	1300	U	ug/kg	1300	10	U	ug/kg	10	12	U	ug/kg	12
Vinyl chloride	11	U	ug/kg	11	1300	U	ug/kg	1300	10	U	ug/kg	10	12	U	ug/kg	12
Chloroethane	11	U	ug/kg	11	1300	U	ug/kg	1300	10	U	ug/kg	10	12	U	ug/kg	12
Methylene chloride	11	U	ug/kg	11	1300	U	ug/kg	1300	10	U	ug/kg	10	12	U	ug/kg	12
Acetone	86		ug/kg	11	1300	UJ	ug/kg	1300	52		ug/kg	10	32		ug/kg	12
Carbon disulfide	11	U	ug/kg	11	1300	U	ug/kg	1300	10	U	ug/kg	10	12	U	ug/kg	12
1,1-Dichloroethene	11	U	ug/kg	11	1300	U	ug/kg	1300	10	U	ug/kg	10	12	U	ug/kg	12
1,1-Dichloroethane	11	U	ug/kg	11	1300	U	ug/kg	1300	10	U	ug/kg	10	12	U	ug/kg	12
1,2-Dichloroethene (total)	11	U	ug/kg	11	1300	U	ug/kg	1300	10	U	ug/kg	10	12	U	ug/kg	12
Chloroform	11	U	ug/kg	11	1300	U	ug/kg	1300	10	U	ug/kg	10	12	U	ug/kg	12
1,2-Dichloroethane	11	U	ug/kg	11	1300	U	ug/kg	1300	10	U	ug/kg	10	12	U	ug/kg	12
2-Butanone	6	J	ug/kg	11	1300	U	ug/kg	1300	10	U	ug/kg	10	12	U	ug/kg	12
1,1,1-Trichloroethane	11	U	ug/kg	11	1300	U	ug/kg	1300	10	U	ug/kg	10	12	U	ug/kg	12
Carbon tetrachloride	11	U	ug/kg	11	1300	U	ug/kg	1300	10	U	ug/kg	10	12	U	ug/kg	12
Bromodichloromethane	11	U	ug/kg	11	1300	U	ug/kg	1300	10	U	ug/kg	10	12	U	ug/kg	12
1,2-Dichloropropane	11	U	ug/kg	11	1300	U	ug/kg	1300	10	U	ug/kg	10	12	U	ug/kg	12
cis-1,3-Dichloropropene	11	U	ug/kg	11	1300	U	ug/kg	1300	10	U	ug/kg	10	12	U	ug/kg	12
Trichloroethene	11	U	ug/kg	11	1300	U	ug/kg	1300	10	U	ug/kg	10	5	J	ug/kg	12
Dibromochloromethane	11	U	ug/kg	11	1300	U	ug/kg	1300	10	U	ug/kg	10	12	U	ug/kg	12
1,1,2-Trichloroethane	11	U	ug/kg	11	1300	U	ug/kg	1300	10	U	ug/kg	10	12	U	ug/kg	12
Benzene	11	U	ug/kg	11	1300	U	ug/kg	1300	10	U	ug/kg	10	12	U	ug/kg	12
trans-1,3-Dichloropropene	11	U	ug/kg	11	1300	U	ug/kg	1300	10	U	ug/kg	10	12	U	ug/kg	12
Bromoform	11	U	ug/kg	11	1300	U	ug/kg	1300	10	U	ug/kg	10	12	U	ug/kg	12
4-Methyl-2-pentanone	11	U	ug/kg	11	1300	U	ug/kg	1300	10	U	ug/kg	10	12	U	ug/kg	12
2-Hexanone	11	U	ug/kg	11	1300	U	ug/kg	1300	10	U	ug/kg	10	12	U	ug/kg	12
Tetrachloroethene	11	U	ug/kg	11	1300	U	ug/kg	1300	10	U	ug/kg	10	12	U	ug/kg	12
Toluene	11	U	ug/kg	11	1300	U	ug/kg	1300	10	U	ug/kg	10	12	U	ug/kg	12
1,1,2,2-Tetrachloroethane	11	U	ug/kg	11	1300	U	ug/kg	1300	10	U	ug/kg	10	12	U	ug/kg	12
Chlorobenzene	11	U	ug/kg	11	1300	U	ug/kg	1300	10	U	ug/kg	10	12	U	ug/kg	12
Ethylbenzene	11	U	ug/kg	11	1300	U	ug/kg	1300	10	U	ug/kg	10	12	U	ug/kg	12
Styrene	11	U	ug/kg	11	1300	U	ug/kg	1300	10	U	ug/kg	10	12	U	ug/kg	12
Xylenes (total)	11	U	ug/kg	11	1300	U	ug/kg	1300	10	U	ug/kg	10	12	U	ug/kg	12

SOIL BORINGS - VALIDATED DATA

Lab Sample Number:	34807024				34807021				34807022				34807011			
Site	WHITING				WHITING				WHITING				WHITING			
Locator	30SB5-15-17				30SB6-0-2				30SB6-10-12				30SB7-0-2			
Collect Date:	05-JAN-93				05-JAN-93				05-JAN-93				05-JAN-93			
	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL
CLP VOLATILES 90-SOW																
Chloromethane	11	U	ug/kg	11	11	U	ug/kg	11	12	U	ug/kg	12	11	U	ug/kg	11
Bromomethane	11	U	ug/kg	11	11	U	ug/kg	11	12	U	ug/kg	12	11	U	ug/kg	11
Vinyl chloride	11	U	ug/kg	11	11	U	ug/kg	11	12	U	ug/kg	12	11	U	ug/kg	11
Chloroethane	11	U	ug/kg	11	11	U	ug/kg	11	12	U	ug/kg	12	11	U	ug/kg	11
Methylene chloride	11	U	ug/kg	11	11	U	ug/kg	11	12	U	ug/kg	12	11	U	ug/kg	11
Acetone	27		ug/kg	11	60		ug/kg	11	45		ug/kg	12	11	U	ug/kg	11
Carbon disulfide	11	U	ug/kg	11	11	U	ug/kg	11	12	U	ug/kg	12	11	U	ug/kg	11
1,1-Dichloroethene	11	U	ug/kg	11	11	U	ug/kg	11	12	U	ug/kg	12	11	U	ug/kg	11
1,1-Dichloroethane	11	U	ug/kg	11	11	U	ug/kg	11	12	U	ug/kg	12	11	U	ug/kg	11
1,2-Dichloroethene (total)	11	U	ug/kg	11	11	U	ug/kg	11	12	U	ug/kg	12	11	U	ug/kg	11
Chloroform	11	U	ug/kg	11	11	U	ug/kg	11	12	U	ug/kg	12	11	U	ug/kg	11
1,2-Dichloroethane	11	U	ug/kg	11	11	U	ug/kg	11	12	U	ug/kg	12	11	UJ	ug/kg	11
2-Butanone	11	U	ug/kg	11	11	U	ug/kg	11	12	U	ug/kg	12	11	UJ	ug/kg	11
1,1,1-Trichloroethane	11	U	ug/kg	11	11	U	ug/kg	11	12	U	ug/kg	12	11	U	ug/kg	11
Carbon tetrachloride	11	U	ug/kg	11	11	U	ug/kg	11	12	U	ug/kg	12	11	U	ug/kg	11
Bromodichloromethane	11	U	ug/kg	11	11	U	ug/kg	11	12	U	ug/kg	12	11	U	ug/kg	11
1,2-Dichloropropane	11	U	ug/kg	11	11	U	ug/kg	11	12	U	ug/kg	12	11	U	ug/kg	11
cis-1,3-Dichloropropene	11	U	ug/kg	11	11	U	ug/kg	11	12	U	ug/kg	12	11	U	ug/kg	11
Trichloroethene	11	U	ug/kg	11	11	U	ug/kg	11	12	U	ug/kg	12	30		ug/kg	11
Dibromochloromethane	11	U	ug/kg	11	11	U	ug/kg	11	12	U	ug/kg	12	11	U	ug/kg	11
1,1,2-Trichloroethane	11	U	ug/kg	11	11	U	ug/kg	11	12	U	ug/kg	12	11	U	ug/kg	11
Benzene	11	U	ug/kg	11	11	U	ug/kg	11	12	U	ug/kg	12	11	U	ug/kg	11
trans-1,3-Dichloropropene	11	U	ug/kg	11	11	U	ug/kg	11	12	U	ug/kg	12	11	U	ug/kg	11
Bromoform	11	U	ug/kg	11	11	U	ug/kg	11	12	U	ug/kg	12	11	U	ug/kg	11
4-Methyl-2-pentanone	11	U	ug/kg	11	11	U	ug/kg	11	12	U	ug/kg	12	11	UJ	ug/kg	11
2-Hexanone	11	U	ug/kg	11	11	U	ug/kg	11	12	U	ug/kg	12	11	UJ	ug/kg	11
Tetrachloroethene	11	U	ug/kg	11	11	U	ug/kg	11	12	U	ug/kg	12	11	U	ug/kg	11
Toluene	11	U	ug/kg	11	11	U	ug/kg	11	12	U	ug/kg	12	11	U	ug/kg	11
1,1,2,2-Tetrachloroethane	11	U	ug/kg	11	11	U	ug/kg	11	12	U	ug/kg	12	11	U	ug/kg	11
Chlorobenzene	11	U	ug/kg	11	11	U	ug/kg	11	12	U	ug/kg	12	11	U	ug/kg	11
Ethylbenzene	11	U	ug/kg	11	11	U	ug/kg	11	12	U	ug/kg	12	11	U	ug/kg	11
Styrene	11	U	ug/kg	11	11	U	ug/kg	11	12	U	ug/kg	12	11	U	ug/kg	11
Xylenes (total)	11	U	ug/kg	11	11	U	ug/kg	11	12	U	ug/kg	12	11	U	ug/kg	11

Lab Sample Number:	34807012				34807012RE			
Site	WHITING				WHITING			
Locator	30SB7-10-12				30SB7-10-12R			
Collect Date:	05-JAN-93				05-JAN-93			
	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL
CLP VOLATILES 90-SOW								
Chloromethane	11	U	ug/kg	11	29	U	ug/kg	29
Bromomethane	11	U	ug/kg	11	29	U	ug/kg	29
Vinyl chloride	11	U	ug/kg	11	29	U	ug/kg	29
Chloroethane	11	U	ug/kg	11	29	U	ug/kg	29
Methylene chloride	11	U	ug/kg	11	29	U	ug/kg	29
Acetone	380	R	ug/kg	11	370		ug/kg	29
Carbon disulfide	11	U	ug/kg	11	29	U	ug/kg	29
1,1-Dichloroethene	11	U	ug/kg	11	29	U	ug/kg	29
1,1-Dichloroethane	11	U	ug/kg	11	29	U	ug/kg	29
1,2-Dichloroethene (total)	11	U	ug/kg	11	29	U	ug/kg	29
Chloroform	11	U	ug/kg	11	29	U	ug/kg	29
1,2-Dichloroethane	11	UJ	ug/kg	11	29	U	ug/kg	29
2-Butanone	11	UJ	ug/kg	11	29	U	ug/kg	29
1,1,1-Trichloroethane	11	U	ug/kg	11	29	U	ug/kg	29
Carbon tetrachloride	11	U	ug/kg	11	29	U	ug/kg	29
Bromodichloromethane	11	U	ug/kg	11	29	U	ug/kg	29
1,2-Dichloropropane	11	U	ug/kg	11	29	U	ug/kg	29
cis-1,3-Dichloropropene	11	U	ug/kg	11	29	U	ug/kg	29
Trichloroethene	11	U	ug/kg	11	29	U	ug/kg	29
Dibromochloromethane	11	U	ug/kg	11	29	U	ug/kg	29
1,1,2-Trichloroethane	11	U	ug/kg	11	29	U	ug/kg	29
Benzene	11	U	ug/kg	11	29	U	ug/kg	29
trans-1,3-Dichloropropene	11	U	ug/kg	11	29	U	ug/kg	29
Bromoform	11	U	ug/kg	11	29	U	ug/kg	29
4-Methyl-2-pentanone	11	UJ	ug/kg	11	29	U	ug/kg	29
2-Hexanone	11	UJ	ug/kg	11	29	U	ug/kg	29
Tetrachloroethene	11	U	ug/kg	11	29	U	ug/kg	29
Toluene	11	U	ug/kg	11	29	U	ug/kg	29
1,1,2,2-Tetrachloroethane	11	U	ug/kg	11	29	U	ug/kg	29
Chlorobenzene	11	U	ug/kg	11	29	U	ug/kg	29
Ethylbenzene	11	U	ug/kg	11	29	U	ug/kg	29
Styrene	11	U	ug/kg	11	29	U	ug/kg	29
Xylenes (total)	11	U	ug/kg	11	29	U	ug/kg	29

	34607006				34607007				34607008				34607009			
Lab Sample Number:																
Site	WHITING				WHITING				WHITING				WHITING			
Locator	30SB1-2-4				30SB1-2-4A				30SB1-5-7				30SB1-10-12			
Collect Date:	06-DEC-92				06-DEC-92				06-DEC-92				06-DEC-92			
	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL
CLP SEMIVOLATILES 90-SOW																
Phenol	410	U	ug/kg	410	380	U	ug/kg	380	380	U	ug/kg	380	1900	U	ug/kg	1900
bis(2-Chloroethyl) ether	410	U	ug/kg	410	380	U	ug/kg	380	380	U	ug/kg	380	1900	U	ug/kg	1900
2-Chlorophenol	410	U	ug/kg	410	380	U	ug/kg	380	380	U	ug/kg	380	1900	U	ug/kg	1900
1,3-Dichlorobenzene	410	U	ug/kg	410	380	U	ug/kg	380	380	U	ug/kg	380	1900	U	ug/kg	1900
1,4-Dichlorobenzene	410	U	ug/kg	410	380	U	ug/kg	380	380	U	ug/kg	380	1900	U	ug/kg	1900
1,2-Dichlorobenzene	410	U	ug/kg	410	380	U	ug/kg	380	380	U	ug/kg	380	1900	U	ug/kg	1900
2-Methylphenol	410	U	ug/kg	410	380	U	ug/kg	380	380	U	ug/kg	380	1900	U	ug/kg	1900
2,2-oxybis(1-Chloropropane)	410	U	ug/kg	410	380	U	ug/kg	380	380	U	ug/kg	380	1900	U	ug/kg	1900
4-Methylphenol	410	U	ug/kg	410	380	U	ug/kg	380	380	U	ug/kg	380	1900	U	ug/kg	1900
N-Nitroso-di-n-propylamine	410	U	ug/kg	410	380	U	ug/kg	380	380	U	ug/kg	380	1900	U	ug/kg	1900
Hexachloroethane	410	U	ug/kg	410	380	U	ug/kg	380	380	U	ug/kg	380	1900	U	ug/kg	1900
Nitrobenzene	410	U	ug/kg	410	380	U	ug/kg	380	380	U	ug/kg	380	1900	U	ug/kg	1900
Isophorone	410	U	ug/kg	410	380	U	ug/kg	380	380	U	ug/kg	380	1900	U	ug/kg	1900
2-Nitrophenol	410	U	ug/kg	410	380	U	ug/kg	380	380	U	ug/kg	380	1900	U	ug/kg	1900
2,4-Dimethylphenol	410	U	ug/kg	410	380	U	ug/kg	380	380	U	ug/kg	380	1900	U	ug/kg	1900
bis(2-Chloroethoxy) methane	410	U	ug/kg	410	380	U	ug/kg	380	380	U	ug/kg	380	1900	U	ug/kg	1900
2,4-Dichlorophenol	410	U	ug/kg	410	380	U	ug/kg	380	380	U	ug/kg	380	1900	U	ug/kg	1900
1,2,4-Trichlorobenzene	410	U	ug/kg	410	380	U	ug/kg	380	380	U	ug/kg	380	1900	U	ug/kg	1900
Naphthalene	410	U	ug/kg	410	380	U	ug/kg	380	380	U	ug/kg	380	1900	U	ug/kg	1900
4-Chloroaniline	410	UJ	ug/kg	410	380	UJ	ug/kg	380	380	UJ	ug/kg	380	1900	U	ug/kg	1900
Hexachlorobutadiene	410	U	ug/kg	410	380	U	ug/kg	380	380	U	ug/kg	380	1900	U	ug/kg	1900
4-Chloro-3-methylphenol	410	U	ug/kg	410	380	U	ug/kg	380	380	U	ug/kg	380	1900	U	ug/kg	1900
2-Methylnaphthalene	410	U	ug/kg	410	380	U	ug/kg	380	380	U	ug/kg	380	1900	U	ug/kg	1900
Hexachlorocyclopentadiene	410	UJ	ug/kg	410	380	UJ	ug/kg	380	380	UJ	ug/kg	380	1900	U	ug/kg	1900
2,4,6-Trichlorophenol	410	U	ug/kg	410	380	U	ug/kg	380	380	U	ug/kg	380	1900	U	ug/kg	1900
2,4,5-Trichlorophenol	990	U	ug/kg	990	920	U	ug/kg	920	930	U	ug/kg	930	4600	U	ug/kg	4600
2-Chloronaphthalene	410	U	ug/kg	410	380	U	ug/kg	380	380	U	ug/kg	380	1900	U	ug/kg	1900
2-Nitroaniline	990	U	ug/kg	990	920	U	ug/kg	920	930	U	ug/kg	930	4600	U	ug/kg	4600
Dimethylphthalate	410	U	ug/kg	410	380	U	ug/kg	380	380	U	ug/kg	380	330	J	ug/kg	1900
Acenaphthylene	410	U	ug/kg	410	380	U	ug/kg	380	380	U	ug/kg	380	1900	U	ug/kg	1900
2,6-Dinitrotoluene	410	U	ug/kg	410	380	U	ug/kg	380	380	U	ug/kg	380	1900	U	ug/kg	1900
3-Nitroaniline	990	U	ug/kg	990	920	U	ug/kg	920	930	U	ug/kg	930	4600	U	ug/kg	4600
Acenaphthene	410	U	ug/kg	410	380	U	ug/kg	380	380	U	ug/kg	380	1900	U	ug/kg	1900
2,4-Dinitrophenol	990	U	ug/kg	990	920	U	ug/kg	920	930	U	ug/kg	930	4600	U	ug/kg	4600
4-Nitrophenol	990	U	ug/kg	990	920	U	ug/kg	920	930	U	ug/kg	930	4600	UJ	ug/kg	4600
Dibenzofuran	410	U	ug/kg	410	380	U	ug/kg	380	380	U	ug/kg	380	1900	U	ug/kg	1900
2,4-Dinitrotoluene	410	U	ug/kg	410	380	U	ug/kg	380	380	U	ug/kg	380	1900	U	ug/kg	1900
Diethylphthalate	410	U	ug/kg	410	380	U	ug/kg	380	380	U	ug/kg	380	1900	U	ug/kg	1900
4-Chlorophenyl-phenylether	410	U	ug/kg	410	380	U	ug/kg	380	380	U	ug/kg	380	1900	U	ug/kg	1900
Fluorene	410	U	ug/kg	410	380	U	ug/kg	380	380	U	ug/kg	380	1900	U	ug/kg	1900
4-Nitroaniline	990	U	ug/kg	990	920	U	ug/kg	920	930	U	ug/kg	930	4600	U	ug/kg	4600
4,6-Dinitro-2-methylphenol	990	U	ug/kg	990	920	U	ug/kg	920	930	U	ug/kg	930	4600	U	ug/kg	4600
N-Nitrosodiphenylamine (1)	410	U	ug/kg	410	380	U	ug/kg	380	380	U	ug/kg	380	1900	U	ug/kg	1900
4-Bromophenyl-phenylether	410	U	ug/kg	410	380	U	ug/kg	380	380	U	ug/kg	380	1900	U	ug/kg	1900
Hexachlorobenzene	410	U	ug/kg	410	380	U	ug/kg	380	380	U	ug/kg	380	1900	U	ug/kg	1900
Pentachlorophenol	990	UJ	ug/kg	990	920	UJ	ug/kg	920	930	UJ	ug/kg	930	4600	U	ug/kg	4600
Phenanthrene	410	U	ug/kg	410	380	U	ug/kg	380	380	U	ug/kg	380	1900	U	ug/kg	1900
Anthracene	410	U	ug/kg	410	380	U	ug/kg	380	380	U	ug/kg	380	1900	U	ug/kg	1900
Carbazole	410	U	ug/kg	410	380	U	ug/kg	380	380	U	ug/kg	380	1900	U	ug/kg	1900
Di-n-butylphthalate	410	U	ug/kg	410	380	U	ug/kg	380	380	U	ug/kg	380	1900	U	ug/kg	1900
Fluoranthene	410	U	ug/kg	410	380	U	ug/kg	380	380	U	ug/kg	380	1900	U	ug/kg	1900
Pyrene	410	U	ug/kg	410	380	U	ug/kg	380	380	U	ug/kg	380	1900	U	ug/kg	1900
Butylbenzylphthalate	410	U	ug/kg	410	380	U	ug/kg	380	380	U	ug/kg	380	1900	U	ug/kg	1900

08/04/94 WHITING FIELD - SITE 30 - TCL SVOCS 14:12:56
SOIL BORINGS - VALIDATED DATA

Lab Sample Number:	34607006				34607007				34607008				34607009			
Site	WHITING				WHITING				WHITING				WHITING			
Locator	30SB1-2-4				30SB1-2-4A				30SB1-5-7				30SB1-10-12			
Collect Date:	06-DEC-92				06-DEC-92				06-DEC-92				06-DEC-92			
	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL
3,3-Dichlorobenzidine	410	U	ug/kg	410	380	U	ug/kg	380	380	U	ug/kg	380	1900	U	ug/kg	1900
Benzo (a) anthracene	410	U	ug/kg	410	380	U	ug/kg	380	380	U	ug/kg	380	1900	U	ug/kg	1900
Chrysene	410	U	ug/kg	410	380	U	ug/kg	380	380	U	ug/kg	380	1900	U	ug/kg	1900
bis(2-Ethylhexyl) phthalate	410	U	ug/kg	410	380	U	ug/kg	380	380	U	ug/kg	380	1900	U	ug/kg	1900
Di-n-octylphthalate	410	U	ug/kg	410	380	U	ug/kg	380	380	U	ug/kg	380	1900	U	ug/kg	1900
Benzo (b) fluoranthene	410	U	ug/kg	410	380	U	ug/kg	380	380	U	ug/kg	380	1900	U	ug/kg	1900
Benzo (k) fluoranthene	410	U	ug/kg	410	380	U	ug/kg	380	380	U	ug/kg	380	1900	U	ug/kg	1900
Benzo (a) pyrene	410	U	ug/kg	410	380	U	ug/kg	380	380	U	ug/kg	380	1900	U	ug/kg	1900
Indeno (1,2,3-cd) pyrene	410	U	ug/kg	410	380	U	ug/kg	380	380	U	ug/kg	380	1900	U	ug/kg	1900
Dibenz (a,h) anthracene	410	U	ug/kg	410	380	U	ug/kg	380	380	U	ug/kg	380	1900	U	ug/kg	1900
Benzo (g,h,i) perylene	410	U	ug/kg	410	92	J	ug/kg	380	380	U	ug/kg	380	1900	U	ug/kg	1900

08/04/94 WHITING FIELD - SITE 30 - TCL SVOCS 14:12:56
SOIL BORINGS - VALIDATED DATA

Lab Sample Number:	34607010				34607013				34607014				34617001			
Site	WHITING				WHITING				WHITING				WHITING			
Locator	30SB1-15-17				30SB1-35-37				30SB1-60-62				30SB1-120			
Collect Date:	06-DEC-92				06-DEC-92				06-DEC-92				08-DEC-92			
	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL
CLP SEMIVOLATILES 90-SOW																
Phenol	350	U	ug/kg	350	350	U	ug/kg	350	350	U	ug/kg	350	12	U	ug/kg	12
bis(2-Chloroethyl) ether	350	U	ug/kg	350	350	U	ug/kg	350	350	U	ug/kg	350	12	U	ug/kg	12
2-Chlorophenol	350	U	ug/kg	350	350	U	ug/kg	350	350	U	ug/kg	350	12	U	ug/kg	12
1,3-Dichlorobenzene	350	U	ug/kg	350	350	U	ug/kg	350	350	U	ug/kg	350	12	U	ug/kg	12
1,4-Dichlorobenzene	350	U	ug/kg	350	350	U	ug/kg	350	350	U	ug/kg	350	12	U	ug/kg	12
1,2-Dichlorobenzene	350	U	ug/kg	350	350	U	ug/kg	350	350	U	ug/kg	350	12	U	ug/kg	12
2-Methylphenol	350	U	ug/kg	350	350	U	ug/kg	350	350	U	ug/kg	350	12	U	ug/kg	12
2,2-oxybis(1-Chloropropane)	350	U	ug/kg	350	350	U	ug/kg	350	350	U	ug/kg	350	12	U	ug/kg	12
4-Methylphenol	350	U	ug/kg	350	350	U	ug/kg	350	350	U	ug/kg	350	12	U	ug/kg	12
N-Nitroso-di-n-propylamine	350	U	ug/kg	350	350	U	ug/kg	350	350	U	ug/kg	350	12	U	ug/kg	12
Hexachloroethane	350	U	ug/kg	350	350	U	ug/kg	350	350	U	ug/kg	350	12	U	ug/kg	12
Nitrobenzene	350	U	ug/kg	350	350	U	ug/kg	350	350	U	ug/kg	350	12	U	ug/kg	12
Isophorone	350	U	ug/kg	350	350	U	ug/kg	350	350	U	ug/kg	350	12	U	ug/kg	12
2-Nitrophenol	350	U	ug/kg	350	350	U	ug/kg	350	350	U	ug/kg	350	12	U	ug/kg	12
2,4-Dimethylphenol	350	U	ug/kg	350	350	U	ug/kg	350	350	U	ug/kg	350	12	U	ug/kg	12
bis(2-Chloroethoxy) methane	350	U	ug/kg	350	350	U	ug/kg	350	350	U	ug/kg	350	12	U	ug/kg	12
2,4-Dichlorophenol	350	U	ug/kg	350	350	U	ug/kg	350	350	U	ug/kg	350	12	U	ug/kg	12
1,2,4-Trichlorobenzene	350	U	ug/kg	350	350	U	ug/kg	350	350	U	ug/kg	350	12	U	ug/kg	12
Naphthalene	350	U	ug/kg	350	350	U	ug/kg	350	350	U	ug/kg	350	12	U	ug/kg	12
4-Chloroaniline	350	UJ	ug/kg	350	350	U	ug/kg	350	350	UJ	ug/kg	350	12	UJ	ug/kg	12
Hexachlorobutadiene	350	U	ug/kg	350	350	U	ug/kg	350	350	U	ug/kg	350	12	UJ	ug/kg	12
4-Chloro-3-methylphenol	350	U	ug/kg	350	350	U	ug/kg	350	350	U	ug/kg	350	12	U	ug/kg	12
2-Methylnaphthalene	350	U	ug/kg	350	350	U	ug/kg	350	350	U	ug/kg	350	12	U	ug/kg	12
Hexachlorocyclopentadiene	350	UJ	ug/kg	350	350	U	ug/kg	350	350	UJ	ug/kg	350	12	U	ug/kg	12
2,4,6-Trichlorophenol	350	U	ug/kg	350	350	U	ug/kg	350	350	U	ug/kg	350	12	U	ug/kg	12
2,4,5-Trichlorophenol	850	U	ug/kg	850	840	U	ug/kg	840	850	U	ug/kg	850	30	U	ug/kg	30
2-Chloronaphthalene	350	U	ug/kg	350	350	U	ug/kg	350	350	U	ug/kg	350	12	U	ug/kg	12
2-Nitroaniline	850	U	ug/kg	850	840	U	ug/kg	840	850	U	ug/kg	850	30	U	ug/kg	30
Dimethylphthalate	350	U	ug/kg	350	350	U	ug/kg	350	350	U	ug/kg	350	12	U	ug/kg	12
Acenaphthylene	350	U	ug/kg	350	350	U	ug/kg	350	350	U	ug/kg	350	12	U	ug/kg	12
2,6-Dinitrotoluene	350	U	ug/kg	350	350	U	ug/kg	350	350	U	ug/kg	350	12	U	ug/kg	12
3-Nitroaniline	850	U	ug/kg	850	840	U	ug/kg	840	850	U	ug/kg	850	30	U	ug/kg	30
Acenaphthene	350	U	ug/kg	350	350	U	ug/kg	350	350	U	ug/kg	350	12	U	ug/kg	12
2,4-Dinitrophenol	850	U	ug/kg	850	840	U	ug/kg	840	850	U	ug/kg	850	30	U	ug/kg	30
4-Nitrophenol	850	U	ug/kg	850	840	U	ug/kg	840	850	U	ug/kg	850	30	U	ug/kg	30
Dibenzofuran	350	U	ug/kg	350	350	U	ug/kg	350	350	U	ug/kg	350	12	U	ug/kg	12
2,4-Dinitrotoluene	350	U	ug/kg	350	350	U	ug/kg	350	350	U	ug/kg	350	12	U	ug/kg	12
Diethylphthalate	350	U	ug/kg	350	350	U	ug/kg	350	350	U	ug/kg	350	12	U	ug/kg	12
4-Chlorophenyl-phenylether	350	U	ug/kg	350	350	U	ug/kg	350	350	U	ug/kg	350	12	UJ	ug/kg	12
Fluorene	350	U	ug/kg	350	350	U	ug/kg	350	350	U	ug/kg	350	12	U	ug/kg	12
4-Nitroaniline	850	U	ug/kg	850	840	U	ug/kg	840	850	U	ug/kg	850	30	U	ug/kg	30
4,6-Dinitro-2-methylphenol	850	U	ug/kg	850	840	U	ug/kg	840	850	U	ug/kg	850	30	U	ug/kg	30
N-Nitrosodiphenylamine (1)	350	U	ug/kg	350	350	U	ug/kg	350	350	U	ug/kg	350	12	U	ug/kg	12
4-Bromophenyl-phenylether	350	U	ug/kg	350	350	U	ug/kg	350	350	U	ug/kg	350	12	U	ug/kg	12
Hexachlorobenzene	350	U	ug/kg	350	350	U	ug/kg	350	350	U	ug/kg	350	12	U	ug/kg	12
Pentachlorophenol	850	UJ	ug/kg	850	840	UJ	ug/kg	840	850	UJ	ug/kg	850	30	U	ug/kg	30
Phenanthrene	350	U	ug/kg	350	350	U	ug/kg	350	350	U	ug/kg	350	12	U	ug/kg	12
Anthracene	350	U	ug/kg	350	350	U	ug/kg	350	350	U	ug/kg	350	12	U	ug/kg	12
Carbazole	350	U	ug/kg	350	350	U	ug/kg	350	350	U	ug/kg	350	12	U	ug/kg	12
Di-n-butylphthalate	350	U	ug/kg	350	350	U	ug/kg	350	350	U	ug/kg	350	12	U	ug/kg	12
Fluoranthene	350	U	ug/kg	350	350	U	ug/kg	350	350	U	ug/kg	350	12	U	ug/kg	12
Pyrene	350	U	ug/kg	350	350	U	ug/kg	350	350	U	ug/kg	350	12	U	ug/kg	12

SOIL BORINGS - VALIDATED DATA

Lab Sample Number:	34607010				34607013				34607014				34617001			
Site	WHITING				WHITING				WHITING				WHITING			
Locator	30SB1-15-17				30SB1-35-37				30SB1-60-62				30SB1-120			
Collect Date:	06-DEC-92				06-DEC-92				06-DEC-92				08-DEC-92			
	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL
Butylbenzylphthalate	350	U	ug/kg	350	350	U	ug/kg	350	350	U	ug/kg	350	12	U	ug/kg	12
3,3-Dichlorobenzidine	350	U	ug/kg	350	350	U	ug/kg	350	350	U	ug/kg	350	12	U	ug/kg	12
Benzo (a) anthracene	350	U	ug/kg	350	350	U	ug/kg	350	350	U	ug/kg	350	12	U	ug/kg	12
Chrysene	350	U	ug/kg	350	350	U	ug/kg	350	350	U	ug/kg	350	12	U	ug/kg	12
bis(2-Ethylhexyl) phthalate	350	UJ	ug/kg	350	350	U	ug/kg	350	350	U	ug/kg	350	12	U	ug/kg	12
Di-n-octylphthalate	350	U	ug/kg	350	350	U	ug/kg	350	350	U	ug/kg	350	12	U	ug/kg	12
Benzo (b) fluoranthene	350	U	ug/kg	350	350	U	ug/kg	350	350	U	ug/kg	350	12	U	ug/kg	12
Benzo (k) fluoranthene	350	U	ug/kg	350	350	U	ug/kg	350	350	U	ug/kg	350	12	U	ug/kg	12
Benzo (a) pyrene	350	U	ug/kg	350	350	U	ug/kg	350	350	U	ug/kg	350	12	U	ug/kg	12
Indeno (1,2,3-cd) pyrene	350	U	ug/kg	350	350	U	ug/kg	350	350	U	ug/kg	350	12	U	ug/kg	12
Dibenz (a,h) anthracene	350	U	ug/kg	350	350	U	ug/kg	350	350	U	ug/kg	350	12	U	ug/kg	12
Benzo (g,h,i) perylene	350	U	ug/kg	350	150	J	ug/kg	350	350	U	ug/kg	350	2	J	ug/kg	12

Lab Sample Number:	34799009				34799009DL				34799010				34799011					
Site	WHITING				WHITING				WHITING				WHITING					
Locator	30SB02-0-2				30SB02-0-2DL				30SB02-10-12				30SB02-20-22					
Collect Date:	04-JAN-93				04-JAN-93				04-JAN-93				04-JAN-93					
	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL		
CLP SEMIVOLATILES 90-SOW																		
Phenol	370	U	ug/kg	370	740	U	ug/kg	740	370	U	ug/kg	370	340	U	ug/kg	340		
bis(2-Chloroethyl) ether	370	U	ug/kg	370	740	U	ug/kg	740	370	U	ug/kg	370	340	U	ug/kg	340		
2-Chlorophenol	370	U	ug/kg	370	740	U	ug/kg	740	370	U	ug/kg	370	340	U	ug/kg	340		
1,3-Dichlorobenzene	370	U	ug/kg	370	740	U	ug/kg	740	370	U	ug/kg	370	340	U	ug/kg	340		
1,4-Dichlorobenzene	370	U	ug/kg	370	740	U	ug/kg	740	370	U	ug/kg	370	340	U	ug/kg	340		
1,2-Dichlorobenzene	370	U	ug/kg	370	740	U	ug/kg	740	370	U	ug/kg	370	340	U	ug/kg	340		
2-Methylphenol	370	U	ug/kg	370	740	U	ug/kg	740	370	U	ug/kg	370	340	U	ug/kg	340		
2,2-oxybis(1-Chloropropane)	370	U	ug/kg	370	740	U	ug/kg	740	370	U	ug/kg	370	340	U	ug/kg	340		
4-Methylphenol	370	U	ug/kg	370	740	U	ug/kg	740	44	J	ug/kg	370	340	U	ug/kg	340		
N-Nitroso-di-n-propylamine	370	U	ug/kg	370	740	U	ug/kg	740	370	U	ug/kg	370	340	U	ug/kg	340		
Hexachloroethane	370	U	ug/kg	370	740	U	ug/kg	740	370	U	ug/kg	370	340	U	ug/kg	340		
Nitrobenzene	370	U	ug/kg	370	740	U	ug/kg	740	370	U	ug/kg	370	340	U	ug/kg	340		
Isophorone	370	U	ug/kg	370	740	U	ug/kg	740	370	U	ug/kg	370	340	U	ug/kg	340		
2-Nitrophenol	370	U	ug/kg	370	740	U	ug/kg	740	370	U	ug/kg	370	340	U	ug/kg	340		
2,4-Dimethylphenol	370	U	ug/kg	370	740	U	ug/kg	740	370	U	ug/kg	370	340	U	ug/kg	340		
bis(2-Chloroethoxy) methane	370	U	ug/kg	370	740	U	ug/kg	740	370	U	ug/kg	370	340	U	ug/kg	340		
2,4-Dichlorophenol	370	U	ug/kg	370	740	U	ug/kg	740	370	U	ug/kg	370	340	U	ug/kg	340		
1,2,4-Trichlorobenzene	370	U	ug/kg	370	740	U	ug/kg	740	370	U	ug/kg	370	340	U	ug/kg	340		
Naphthalene	970		ug/kg	370	1100		ug/kg	740	370	U	ug/kg	370	340	U	ug/kg	340		
4-Chloroaniline	370	U	ug/kg	370	740	U	ug/kg	740	370	U	ug/kg	370	340	U	ug/kg	340		
Hexachlorobutadiene	370	U	ug/kg	370	740	U	ug/kg	740	370	U	ug/kg	370	340	U	ug/kg	340		
4-Chloro-3-methylphenol	370	U	ug/kg	370	740	U	ug/kg	740	370	U	ug/kg	370	340	U	ug/kg	340		
2-Methylnaphthalene	4400	J	ug/kg	370	4700		ug/kg	740	370	U	ug/kg	370	340	U	ug/kg	340		
Hexachlorocyclopentadiene	370	U	ug/kg	370	740	U	ug/kg	740	370	U	ug/kg	370	340	U	ug/kg	340		
2,4,6-Trichlorophenol	370	U	ug/kg	370	740	U	ug/kg	740	370	U	ug/kg	370	340	U	ug/kg	340		
2,4,5-Trichlorophenol	900	U	ug/kg	900	1800	U	ug/kg	1800	890	U	ug/kg	890	820	U	ug/kg	820		
2-Chloronaphthalene	370	U	ug/kg	370	740	U	ug/kg	740	370	U	ug/kg	370	340	U	ug/kg	340		
2-Nitroaniline	900	U	ug/kg	900	1800	U	ug/kg	1800	890	U	ug/kg	890	820	U	ug/kg	820		
Dimethylphthalate	370	U	ug/kg	370	740	U	ug/kg	740	370	U	ug/kg	370	340	U	ug/kg	340		
Acenaphthylene	370	U	ug/kg	370	740	U	ug/kg	740	370	U	ug/kg	370	340	U	ug/kg	340		
2,6-Dinitrotoluene	370	U	ug/kg	370	740	U	ug/kg	740	370	U	ug/kg	370	340	U	ug/kg	340		
3-Nitroaniline	900	U	ug/kg	900	1800	U	ug/kg	1800	890	U	ug/kg	890	820	U	ug/kg	820		
Acenaphthene	370	U	ug/kg	370	740	U	ug/kg	740	370	U	ug/kg	370	340	U	ug/kg	340		
2,4-Dinitrophenol	900	U	ug/kg	900	1800	UJ	ug/kg	1800	890	U	ug/kg	890	820	U	ug/kg	820		
4-Nitrophenol	900	UJ	ug/kg	900	1800	UJ	ug/kg	1800	890	UJ	ug/kg	890	820	UJ	ug/kg	820		
Dibenzofuran	370	U	ug/kg	370	740	U	ug/kg	740	370	U	ug/kg	370	340	U	ug/kg	340		
2,4-Dinitrotoluene	370	U	ug/kg	370	740	U	ug/kg	740	370	U	ug/kg	370	340	U	ug/kg	340		
Diethylphthalate	370	U	ug/kg	370	740	U	ug/kg	740	370	U	ug/kg	370	340	U	ug/kg	340		
4-Chlorophenyl-phenylether	370	U	ug/kg	370	740	U	ug/kg	740	370	U	ug/kg	370	340	U	ug/kg	340		
Fluorene	350	J	ug/kg	370	480	J	ug/kg	740	370	U	ug/kg	370	340	U	ug/kg	340		
4-Nitroaniline	900	U	ug/kg	900	1800	UJ	ug/kg	1800	890	U	ug/kg	890	820	U	ug/kg	820		
4,6-Dinitro-2-methylphenol	900	U	ug/kg	900	1800	U	ug/kg	1800	890	U	ug/kg	890	820	U	ug/kg	820		
N-Nitrosodiphenylamine (1)	370	U	ug/kg	370	740	U	ug/kg	740	370	U	ug/kg	370	340	U	ug/kg	340		
4-Bromophenyl-phenylether	370	U	ug/kg	370	740	U	ug/kg	740	370	U	ug/kg	370	340	U	ug/kg	340		
Hexachlorobenzene	370	U	ug/kg	370	740	U	ug/kg	740	370	U	ug/kg	370	340	U	ug/kg	340		
Pentachlorophenol	900	U	ug/kg	900	1800	U	ug/kg	1800	890	U	ug/kg	890	820	U	ug/kg	820		
Phenanthrene	120	J	ug/kg	370	120	J	ug/kg	740	370	U	ug/kg	370	340	U	ug/kg	340		
Anthracene	370	U	ug/kg	370	740	U	ug/kg	740	370	U	ug/kg	370	340	U	ug/kg	340		
Carbazole	370	U	ug/kg	370	740	U	ug/kg	740	370	U	ug/kg	370	340	U	ug/kg	340		
Di-n-butylphthalate	370	U	ug/kg	370	740	U	ug/kg	740	370	U	ug/kg	370	340	U	ug/kg	340		
Fluoranthene	370	U	ug/kg	370	740	U	ug/kg	740	370	U	ug/kg	370	340	U	ug/kg	340		
Pyrene	370	U	ug/kg	370	740	U	ug/kg	740	370	U	ug/kg	370	340	U	ug/kg	340		

Lab Sample Number:	34799009				34799009DL				34799010				34799011			
Site	WHITING				WHITING				WHITING				WHITING			
Locator	30SB02-0-2				30SB02-0-2DL				30SB02-10-12				30SB02-20-22			
Collect Date:	04-JAN-93				04-JAN-93				04-JAN-93				04-JAN-93			
	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL
Butylbenzylphthalate	370	UJ	ug/kg	370	740	U	ug/kg	740	370	UJ	ug/kg	370	340	UJ	ug/kg	340
3,3-Dichlorobenzidine	370	U	ug/kg	370	740	U	ug/kg	740	370	U	ug/kg	370	340	U	ug/kg	340
Benzo (a) anthracene	370	U	ug/kg	370	740	U	ug/kg	740	370	U	ug/kg	370	340	U	ug/kg	340
Chrysene	370	U	ug/kg	370	740	U	ug/kg	740	370	U	ug/kg	370	340	U	ug/kg	340
bis(2-Ethylhexyl) phthalate	160	J	ug/kg	370	150	J	ug/kg	740	370	U	ug/kg	370	340	U	ug/kg	340
Di-n-octylphthalate	370	UJ	ug/kg	370	740	UJ	ug/kg	740	370	UJ	ug/kg	370	340	UJ	ug/kg	340
Benzo (b) fluoranthene	370	U	ug/kg	370	740	U	ug/kg	740	62	J	ug/kg	370	340	U	ug/kg	340
Benzo (k) fluoranthene	370	U	ug/kg	370	740	U	ug/kg	740	370	U	ug/kg	370	340	U	ug/kg	340
Benzo (a) pyrene	370	U	ug/kg	370	740	U	ug/kg	740	47	J	ug/kg	370	340	U	ug/kg	340
Indeno (1,2,3-cd) pyrene	370	U	ug/kg	370	740	U	ug/kg	740	71	J	ug/kg	370	340	U	ug/kg	340
Dibenz (a,h) anthracene	370	U	ug/kg	370	740	U	ug/kg	740	370	U	ug/kg	370	340	U	ug/kg	340
Benzo (g,h,i) perylene	370	U	ug/kg	370	740	U	ug/kg	740	65	J	ug/kg	370	340	U	ug/kg	340

Lab Sample Number:	34799007				34799008				34799012				74799013					
Site	WHITING				WHITING				WHITING				WHITING					
Locator	30SB03-0-2				30SB03-10-12				30SB04-0-2				30SB04-5-7					
Collect Date:	04-JAN-93				04-JAN-93				04-JAN-93				04-JAN-93					
	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL		
CLP SEMIVOLATILES 90-SOW																		
Phenol	370	U	ug/kg	370	370	U	ug/kg	370	400	U	ug/kg	400	3900	U	ug/kg	3900		
bis(2-Chloroethyl) ether	370	U	ug/kg	370	370	U	ug/kg	370	400	U	ug/kg	400	3900	U	ug/kg	3900		
2-Chlorophenol	370	U	ug/kg	370	370	U	ug/kg	370	400	U	ug/kg	400	3900	U	ug/kg	3900		
1,3-Dichlorobenzene	370	U	ug/kg	370	370	U	ug/kg	370	400	U	ug/kg	400	3900	U	ug/kg	3900		
1,4-Dichlorobenzene	370	U	ug/kg	370	370	U	ug/kg	370	400	U	ug/kg	400	3900	U	ug/kg	3900		
1,2-Dichlorobenzene	370	U	ug/kg	370	370	U	ug/kg	370	400	U	ug/kg	400	3900	U	ug/kg	3900		
2-Methylphenol	370	U	ug/kg	370	370	U	ug/kg	370	400	U	ug/kg	400	3900	U	ug/kg	3900		
2,2-oxybis(1-Chloropropane)	370	U	ug/kg	370	370	U	ug/kg	370	400	U	ug/kg	400	3900	U	ug/kg	3900		
4-Methylphenol	370	U	ug/kg	370	370	U	ug/kg	370	400	U	ug/kg	400	3900	U	ug/kg	3900		
N-Nitroso-di-n-propylamine	370	U	ug/kg	370	370	U	ug/kg	370	400	U	ug/kg	400	3900	U	ug/kg	3900		
Hexachloroethane	370	U	ug/kg	370	370	U	ug/kg	370	400	U	ug/kg	400	3900	U	ug/kg	3900		
Nitrobenzene	370	U	ug/kg	370	370	U	ug/kg	370	400	U	ug/kg	400	3900	U	ug/kg	3900		
Isophorone	370	U	ug/kg	370	370	U	ug/kg	370	400	U	ug/kg	400	3900	U	ug/kg	3900		
2-Nitrophenol	370	U	ug/kg	370	370	U	ug/kg	370	400	U	ug/kg	400	3900	U	ug/kg	3900		
2,4-Dimethylphenol	370	U	ug/kg	370	370	U	ug/kg	370	400	U	ug/kg	400	3900	U	ug/kg	3900		
bis(2-Chloroethoxy) methane	370	U	ug/kg	370	370	U	ug/kg	370	400	U	ug/kg	400	3900	U	ug/kg	3900		
2,4-Dichlorophenol	370	U	ug/kg	370	370	U	ug/kg	370	400	U	ug/kg	400	3900	U	ug/kg	3900		
1,2,4-Trichlorobenzene	370	U	ug/kg	370	370	U	ug/kg	370	400	U	ug/kg	400	3900	U	ug/kg	3900		
Naphthalene	370	U	ug/kg	370	370	U	ug/kg	370	400	U	ug/kg	400	20000		ug/kg	3900		
4-Chloroaniline	370	U	ug/kg	370	370	U	ug/kg	370	400	U	ug/kg	400	3900	U	ug/kg	3900		
Hexachlorobutadiene	370	U	ug/kg	370	370	U	ug/kg	370	400	U	ug/kg	400	3900	U	ug/kg	3900		
4-Chloro-3-methylphenol	370	U	ug/kg	370	370	U	ug/kg	370	400	U	ug/kg	400	3900	U	ug/kg	3900		
2-Methylnaphthalene	69	J	ug/kg	380	370	U	ug/kg	370	400	U	ug/kg	400	3900	U	ug/kg	3900		
Hexachlorocyclopentadiene	370	U	ug/kg	370	370	U	ug/kg	370	400	U	ug/kg	400	3900	U	ug/kg	3900		
2,4,6-Trichlorophenol	370	U	ug/kg	370	370	U	ug/kg	370	400	U	ug/kg	400	3900	U	ug/kg	3900		
2,4,5-Trichlorophenol	910	U	ug/kg	910	890	U	ug/kg	890	960	U	ug/kg	960	9500	U	ug/kg	9500		
2-Chloronaphthalene	370	U	ug/kg	370	370	U	ug/kg	370	400	U	ug/kg	400	3900	U	ug/kg	3900		
2-Nitroaniline	910	U	ug/kg	910	890	U	ug/kg	890	960	U	ug/kg	960	9500	U	ug/kg	9500		
Dimethylphthalate	370	U	ug/kg	370	370	U	ug/kg	370	400	U	ug/kg	400	3900	U	ug/kg	3900		
Acenaphthylene	370	U	ug/kg	370	370	U	ug/kg	370	400	U	ug/kg	400	3900	U	ug/kg	3900		
2,6-Dinitrotoluene	370	U	ug/kg	370	370	U	ug/kg	370	400	U	ug/kg	400	3900	U	ug/kg	3900		
3-Nitroaniline	910	U	ug/kg	910	890	U	ug/kg	890	960	U	ug/kg	960	9500	U	ug/kg	9500		
Acenaphthene	370	U	ug/kg	370	370	U	ug/kg	370	400	U	ug/kg	400	3900	U	ug/kg	3900		
2,4-Dinitrophenol	910	U	ug/kg	910	890	U	ug/kg	890	960	U	ug/kg	960	9500	U	ug/kg	9500		
4-Nitrophenol	910	UJ	ug/kg	910	890	UJ	ug/kg	890	960	UJ	ug/kg	960	9500	UJ	ug/kg	9500		
Dibenzofuran	370	U	ug/kg	370	370	U	ug/kg	370	400	U	ug/kg	400	3900	U	ug/kg	3900		
2,4-Dinitrotoluene	370	U	ug/kg	370	370	U	ug/kg	370	400	U	ug/kg	400	3900	U	ug/kg	3900		
Diethylphthalate	370	U	ug/kg	370	370	U	ug/kg	370	400	U	ug/kg	400	3900	U	ug/kg	3900		
4-Chlorophenyl-phenylether	370	U	ug/kg	370	370	U	ug/kg	370	400	U	ug/kg	400	3900	U	ug/kg	3900		
Fluorene	370	U	ug/kg	370	370	U	ug/kg	370	400	U	ug/kg	400	3900	U	ug/kg	3900		
4-Nitroaniline	910	U	ug/kg	910	890	U	ug/kg	890	960	U	ug/kg	960	9500	U	ug/kg	9500		
4,6-Dinitro-2-methylphenol	910	U	ug/kg	910	890	U	ug/kg	890	960	U	ug/kg	960	9500	U	ug/kg	9500		
N-Nitrosodiphenylamine (1)	370	U	ug/kg	370	370	U	ug/kg	370	400	U	ug/kg	400	3900	U	ug/kg	3900		
4-Bromophenyl-phenylether	370	U	ug/kg	370	370	U	ug/kg	370	400	U	ug/kg	400	3900	U	ug/kg	3900		
Hexachlorobenzene	370	U	ug/kg	370	370	U	ug/kg	370	400	U	ug/kg	400	3900	U	ug/kg	3900		
Pentachlorophenol	910	U	ug/kg	910	890	U	ug/kg	890	960	U	ug/kg	960	9500	U	ug/kg	9500		
Phenanthrene	370	U	ug/kg	370	370	U	ug/kg	370	400	U	ug/kg	400	680	J	ug/kg	3900		
Anthracene	370	U	ug/kg	370	370	U	ug/kg	370	400	U	ug/kg	400	3900	U	ug/kg	3900		
Carbazole	370	U	ug/kg	370	370	U	ug/kg	370	400	U	ug/kg	400	3900	U	ug/kg	3900		
Di-n-butylphthalate	370	U	ug/kg	370	370	U	ug/kg	370	400	U	ug/kg	400	3900	U	ug/kg	3900		
Fluoranthene	370	U	ug/kg	370	370	U	ug/kg	370	400	U	ug/kg	400	3900	U	ug/kg	3900		
Pyrene	370	U	ug/kg	370	370	U	ug/kg	370	400	U	ug/kg	400	3900	U	ug/kg	3900		

	34799007				34799008				34799012				74799013			
Lab Sample Number:																
Site	WHITING				WHITING				WHITING				WHITING			
Locator	30SB03-0-2				30SB03-10-12				30SB04-0-2				30SB04-5-7			
Collect Date:	04-JAN-93				04-JAN-93				04-JAN-93				04-JAN-93			
	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL
Butylbenzylphthalate	370	UJ	ug/kg	370	370	UJ	ug/kg	370	400	UJ	ug/kg	400	3900	UJ	ug/kg	3900
3,3-Dichlorobenzidine	370	U	ug/kg	370	370	U	ug/kg	370	400	U	ug/kg	400	3900	U	ug/kg	3900
Benzo (a) anthracene	370	U	ug/kg	370	370	U	ug/kg	370	400	U	ug/kg	400	3900	U	ug/kg	3900
Chrysene	370	U	ug/kg	370	370	U	ug/kg	370	400	U	ug/kg	400	3900	U	ug/kg	3900
bis(2-Ethylhexyl) phthalate	370	U	ug/kg	370	370	U	ug/kg	370	110	J	ug/kg	400	830	J	ug/kg	3900
Di-n-octylphthalate	370	UJ	ug/kg	370	370	UJ	ug/kg	370	400	UJ	ug/kg	400	3900	UJ	ug/kg	3900
Benzo (b) fluoranthene	370	U	ug/kg	370	370	U	ug/kg	370	400	U	ug/kg	400	3900	U	ug/kg	3900
Benzo (k) fluoranthene	370	U	ug/kg	370	370	U	ug/kg	370	400	U	ug/kg	400	3900	U	ug/kg	3900
Benzo (a) pyrene	370	U	ug/kg	370	370	U	ug/kg	370	400	U	ug/kg	400	3900	U	ug/kg	3900
Indeno (1,2,3-cd) pyrene	370	U	ug/kg	370	370	U	ug/kg	370	400	U	ug/kg	400	3900	U	ug/kg	3900
Dibenz (a,h) anthracene	370	U	ug/kg	370	370	U	ug/kg	370	400	U	ug/kg	400	3900	U	ug/kg	3900
Benzo (g,h,i) perylene	370	U	ug/kg	370	370	U	ug/kg	370	400	U	ug/kg	400	3900	U	ug/kg	3900

Lab Sample Number:	34807008				34807009				34807010				34807023			
Site	WHITING				WHITING				WHITING				WHITING			
Locator	30SB4-10-12				30SB4-15-17				30SB4-25-27				30SB5-0-2			
Collect Date:	05-JAN-93				05-JAN-93				05-JAN-93				05-JAN-93			
	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL
CLP SEMIVOLATILES 90-SOW																
Phenol	390	U	ug/kg	390	1700	U	ug/kg	1700	340	U	ug/kg	340	390	U	ug/kg	390
bis(2-Chloroethyl) ether	390	U	ug/kg	390	1700	U	ug/kg	1700	340	U	ug/kg	340	390	U	ug/kg	390
2-Chlorophenol	390	U	ug/kg	390	1700	U	ug/kg	1700	340	U	ug/kg	340	390	U	ug/kg	390
1,3-Dichlorobenzene	390	U	ug/kg	390	1700	U	ug/kg	1700	340	U	ug/kg	340	390	U	ug/kg	390
1,4-Dichlorobenzene	390	U	ug/kg	390	1700	U	ug/kg	1700	340	U	ug/kg	340	390	U	ug/kg	390
1,2-Dichlorobenzene	390	U	ug/kg	390	1700	U	ug/kg	1700	340	U	ug/kg	340	390	U	ug/kg	390
2-Methylphenol	390	U	ug/kg	390	1700	U	ug/kg	1700	340	U	ug/kg	340	390	U	ug/kg	390
2,2-oxybis(1-Chloropropane)	390	U	ug/kg	390	1700	U	ug/kg	1700	340	U	ug/kg	340	390	U	ug/kg	390
4-Methylphenol	390	U	ug/kg	390	1700	U	ug/kg	1700	340	U	ug/kg	340	390	U	ug/kg	390
N-Nitroso-di-n-propylamine	390	U	ug/kg	390	1700	U	ug/kg	1700	340	U	ug/kg	340	390	U	ug/kg	390
Hexachloroethane	390	U	ug/kg	390	1700	U	ug/kg	1700	340	U	ug/kg	340	390	U	ug/kg	390
Nitrobenzene	390	U	ug/kg	390	1700	U	ug/kg	1700	340	U	ug/kg	340	390	U	ug/kg	390
Isophorone	390	U	ug/kg	390	1700	U	ug/kg	1700	340	U	ug/kg	340	390	U	ug/kg	390
2-Nitrophenol	390	U	ug/kg	390	1700	U	ug/kg	1700	340	U	ug/kg	340	390	U	ug/kg	390
2,4-Dimethylphenol	390	U	ug/kg	390	1700	U	ug/kg	1700	340	U	ug/kg	340	390	U	ug/kg	390
bis(2-Chloroethoxy) methane	390	U	ug/kg	390	1700	U	ug/kg	1700	340	U	ug/kg	340	390	U	ug/kg	390
2,4-Dichlorophenol	390	U	ug/kg	390	1700	U	ug/kg	1700	340	U	ug/kg	340	390	U	ug/kg	390
1,2,4-Trichlorobenzene	390	U	ug/kg	390	1700	U	ug/kg	1700	340	U	ug/kg	340	390	U	ug/kg	390
Naphthalene	390	U	ug/kg	390	1700	U	ug/kg	1700	340	U	ug/kg	340	390	U	ug/kg	390
4-Chloroaniline	390	UJ	ug/kg	390	1700	UJ	ug/kg	1700	340	UJ	ug/kg	340	390	UJ	ug/kg	390
Hexachlorobutadiene	390	U	ug/kg	390	1700	U	ug/kg	1700	340	U	ug/kg	340	390	U	ug/kg	390
4-Chloro-3-methylphenol	390	U	ug/kg	390	1700	U	ug/kg	1700	340	U	ug/kg	340	390	U	ug/kg	390
2-Methylnaphthalene	42	J	ug/kg	390	1700	U	ug/kg	1700	340	U	ug/kg	340	390	U	ug/kg	390
Hexachlorocyclopentadiene	390	U	ug/kg	390	1700	U	ug/kg	1700	340	U	ug/kg	340	390	U	ug/kg	390
2,4,6-Trichlorophenol	390	U	ug/kg	390	1700	U	ug/kg	1700	340	U	ug/kg	340	390	U	ug/kg	390
2,4,5-Trichlorophenol	940	U	ug/kg	940	4200	U	ug/kg	4200	830	U	ug/kg	830	940	U	ug/kg	940
2-Chloronaphthalene	390	U	ug/kg	390	1700	U	ug/kg	1700	340	U	ug/kg	340	390	U	ug/kg	390
2-Nitroaniline	940	U	ug/kg	940	4200	U	ug/kg	4200	830	U	ug/kg	830	940	U	ug/kg	940
Dimethylphthalate	390	U	ug/kg	390	1700	U	ug/kg	1700	340	U	ug/kg	340	390	U	ug/kg	390
Acenaphthylene	390	U	ug/kg	390	1700	U	ug/kg	1700	340	U	ug/kg	340	390	U	ug/kg	390
2,6-Dinitrotoluene	390	U	ug/kg	390	1700	U	ug/kg	1700	340	U	ug/kg	340	390	U	ug/kg	390
3-Nitroaniline	940	U	ug/kg	940	4200	U	ug/kg	4200	830	U	ug/kg	830	940	U	ug/kg	940
Acenaphthene	390	U	ug/kg	390	1700	U	ug/kg	1700	340	U	ug/kg	340	390	U	ug/kg	390
2,4-Dinitrophenol	940	UJ	ug/kg	940	4200	UJ	ug/kg	4200	830	UJ	ug/kg	830	940	U	ug/kg	940
4-Nitrophenol	940	UJ	ug/kg	940	4200	UJ	ug/kg	4200	830	UJ	ug/kg	830	940	U	ug/kg	940
Dibenzofuran	390	U	ug/kg	390	1700	U	ug/kg	1700	340	U	ug/kg	340	390	U	ug/kg	390
2,4-Dinitrotoluene	390	U	ug/kg	390	1700	U	ug/kg	1700	340	U	ug/kg	340	390	U	ug/kg	390
Diethylphthalate	390	U	ug/kg	390	1700	U	ug/kg	1700	36	J	ug/kg	340	390	U	ug/kg	390
4-Chlorophenyl-phenylether	390	U	ug/kg	390	1700	U	ug/kg	1700	340	U	ug/kg	340	390	U	ug/kg	390
Fluorene	390	U	ug/kg	390	1700	U	ug/kg	1700	340	U	ug/kg	340	390	U	ug/kg	390
4-Nitroaniline	940	UJ	ug/kg	940	4200	UJ	ug/kg	4200	830	UJ	ug/kg	830	940	U	ug/kg	940
4,6-Dinitro-2-methylphenol	940	U	ug/kg	940	4200	U	ug/kg	4200	830	U	ug/kg	830	940	U	ug/kg	940
N-Nitrosodiphenylamine (1)	390	U	ug/kg	390	1700	U	ug/kg	1700	340	U	ug/kg	340	390	U	ug/kg	390
4-Bromophenyl-phenylether	390	U	ug/kg	390	1700	U	ug/kg	1700	340	U	ug/kg	340	390	U	ug/kg	390
Hexachlorobenzene	390	U	ug/kg	390	1700	U	ug/kg	1700	340	U	ug/kg	340	390	U	ug/kg	390
Pentachlorophenol	940	U	ug/kg	940	4200	U	ug/kg	4200	830	U	ug/kg	830	940	U	ug/kg	940
Phenanthrene	390	U	ug/kg	390	1700	U	ug/kg	1700	340	U	ug/kg	340	390	U	ug/kg	390
Anthracene	390	U	ug/kg	390	1700	U	ug/kg	1700	340	U	ug/kg	340	390	U	ug/kg	390
Carbazole	390	U	ug/kg	390	1700	U	ug/kg	1700	340	U	ug/kg	340	390	U	ug/kg	390
Di-n-butylphthalate	390	U	ug/kg	390	1700	U	ug/kg	1700	340	U	ug/kg	340	390	U	ug/kg	390
Fluoranthene	390	U	ug/kg	390	1700	U	ug/kg	1700	340	U	ug/kg	340	390	U	ug/kg	390
Pyrene	390	U	ug/kg	390	330	J	ug/kg	1700	340	U	ug/kg	340	390	U	ug/kg	390

08/04/94 WHITING FIELD - SITE 30 - TCL SVOCS 14:12:56
SOIL BORINGS - VALIDATED DATA

Lab Sample Number:	34807008				34807009				34807010				34807023			
Site	WHITING				WHITING				WHITING				WHITING			
Locator	30SB4-10-12				30SB4-15-17				30SB4-25-27				30SB5-0-2			
Collect Date:	05-JAN-93				05-JAN-93				05-JAN-93				05-JAN-93			
	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL
Butylbenzylphthalate	390	UJ	ug/kg	390	1700	UJ	ug/kg	1700	340	UJ	ug/kg	340	390	U	ug/kg	390
3,3-Dichlorobenzidine	390	UJ	ug/kg	390	1700	UJ	ug/kg	1700	340	UJ	ug/kg	340	390	UJ	ug/kg	390
Benzo (a) anthracene	390	U	ug/kg	390	1700	U	ug/kg	1700	340	U	ug/kg	340	390	U	ug/kg	390
Chrysene	390	U	ug/kg	390	1700	U	ug/kg	1700	340	U	ug/kg	340	390	U	ug/kg	390
bis(2-Ethylhexyl) phthalate	390	UJ	ug/kg	390	1700	UJ	ug/kg	1700	340	UJ	ug/kg	340	390	U	ug/kg	390
Di-n-octylphthalate	390	UJ	ug/kg	390	1700	UJ	ug/kg	1700	340	UJ	ug/kg	340	390	U	ug/kg	390
Benzo (b) fluoranthene	390	U	ug/kg	390	1700	U	ug/kg	1700	340	U	ug/kg	340	390	U	ug/kg	390
Benzo (k) fluoranthene	390	U	ug/kg	390	1700	U	ug/kg	1700	340	U	ug/kg	340	390	U	ug/kg	390
Benzo (a) pyrene	390	U	ug/kg	390	1700	U	ug/kg	1700	340	U	ug/kg	340	390	U	ug/kg	390
Indeno (1,2,3-cd) pyrene	390	U	ug/kg	390	1700	U	ug/kg	1700	340	U	ug/kg	340	390	U	ug/kg	390
Dibenz (a,h) anthracene	390	U	ug/kg	390	1700	U	ug/kg	1700	340	U	ug/kg	340	390	U	ug/kg	390
Benzo (g,h,i) perylene	390	U	ug/kg	390	1700	U	ug/kg	1700	340	U	ug/kg	340	390	U	ug/kg	390

Lab Sample Number:	34807024				34807021				34807022				34807011			
Site	WHITING				WHITING				WHITING				WHITING			
Locator	30SB5-15-17				30SB6-0-2				30SB6-10-12				30SB7-0-2			
Collect Date:	05-JAN-93				05-JAN-93				05-JAN-93				05-JAN-93			
	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL
CLP SEMIVOLATILES 90-SOW																
Phenol	350	U	ug/kg	350	370	U	ug/kg	370	380	U	ug/kg	380	370	U	ug/kg	370
bis(2-Chloroethyl) ether	350	U	ug/kg	350	370	U	ug/kg	370	380	U	ug/kg	380	370	U	ug/kg	370
2-Chlorophenol	350	U	ug/kg	350	370	U	ug/kg	370	380	U	ug/kg	380	370	U	ug/kg	370
1,3-Dichlorobenzene	350	U	ug/kg	350	370	U	ug/kg	370	380	U	ug/kg	380	370	U	ug/kg	370
1,4-Dichlorobenzene	350	U	ug/kg	350	370	U	ug/kg	370	380	U	ug/kg	380	370	U	ug/kg	370
1,2-Dichlorobenzene	350	U	ug/kg	350	370	U	ug/kg	370	380	U	ug/kg	380	370	U	ug/kg	370
2-Methylphenol	350	U	ug/kg	350	370	U	ug/kg	370	380	U	ug/kg	380	370	U	ug/kg	370
2,2-oxybis(1-Chloropropane)	350	U	ug/kg	350	370	U	ug/kg	370	380	U	ug/kg	380	370	U	ug/kg	370
4-Methylphenol	350	U	ug/kg	350	370	U	ug/kg	370	380	U	ug/kg	380	370	U	ug/kg	370
N-Nitroso-di-n-propylamine	350	U	ug/kg	350	370	U	ug/kg	370	380	U	ug/kg	380	370	U	ug/kg	370
Hexachloroethane	350	U	ug/kg	350	370	U	ug/kg	370	380	U	ug/kg	380	370	U	ug/kg	370
Nitrobenzene	350	U	ug/kg	350	370	U	ug/kg	370	380	U	ug/kg	380	370	U	ug/kg	370
Isophorone	350	U	ug/kg	350	370	U	ug/kg	370	380	U	ug/kg	380	370	U	ug/kg	370
2-Nitrophenol	350	U	ug/kg	350	370	U	ug/kg	370	380	U	ug/kg	380	370	U	ug/kg	370
2,4-Dimethylphenol	350	U	ug/kg	350	370	U	ug/kg	370	380	U	ug/kg	380	370	U	ug/kg	370
bis(2-Chloroethoxy) methane	350	U	ug/kg	350	370	U	ug/kg	370	380	U	ug/kg	380	370	U	ug/kg	370
2,4-Dichlorophenol	350	U	ug/kg	350	370	U	ug/kg	370	380	U	ug/kg	380	370	U	ug/kg	370
1,2,4-Trichlorobenzene	350	U	ug/kg	350	370	U	ug/kg	370	380	U	ug/kg	380	370	U	ug/kg	370
Naphthalene	350	U	ug/kg	350	370	U	ug/kg	370	380	U	ug/kg	380	370	U	ug/kg	370
4-Chloroaniline	350	UJ	ug/kg	350	370	UJ	ug/kg	370	380	UJ	ug/kg	380	370	U	ug/kg	370
Hexachlorobutadiene	350	U	ug/kg	350	370	U	ug/kg	370	380	U	ug/kg	380	370	U	ug/kg	370
4-Chloro-3-methylphenol	350	U	ug/kg	350	370	U	ug/kg	370	380	U	ug/kg	380	370	U	ug/kg	370
2-Methylnaphthalene	350	U	ug/kg	350	370	U	ug/kg	370	380	U	ug/kg	380	370	U	ug/kg	370
Hexachlorocyclopentadiene	350	U	ug/kg	350	370	U	ug/kg	370	380	U	ug/kg	380	370	U	ug/kg	370
2,4,6-Trichlorophenol	350	U	ug/kg	350	370	U	ug/kg	370	380	U	ug/kg	380	370	U	ug/kg	370
2,4,5-Trichlorophenol	840	U	ug/kg	840	910	U	ug/kg	910	930	U	ug/kg	930	910	U	ug/kg	910
2-Chloronaphthalene	350	U	ug/kg	350	370	U	ug/kg	370	380	U	ug/kg	380	370	U	ug/kg	370
2-Nitroaniline	840	U	ug/kg	840	910	U	ug/kg	910	930	U	ug/kg	930	910	U	ug/kg	910
Dimethylphthalate	350	U	ug/kg	350	370	U	ug/kg	370	380	U	ug/kg	380	370	U	ug/kg	370
Acenaphthylene	350	U	ug/kg	350	370	U	ug/kg	370	380	U	ug/kg	380	370	U	ug/kg	370
2,6-Dinitrotoluene	350	U	ug/kg	350	370	U	ug/kg	370	380	U	ug/kg	380	370	U	ug/kg	370
3-Nitroaniline	840	U	ug/kg	840	910	U	ug/kg	910	930	U	ug/kg	930	910	U	ug/kg	910
Acenaphthene	350	U	ug/kg	350	370	U	ug/kg	370	380	U	ug/kg	380	370	U	ug/kg	370
2,4-Dinitrophenol	840	U	ug/kg	840	910	U	ug/kg	910	930	U	ug/kg	930	910	U	ug/kg	910
4-Nitrophenol	840	U	ug/kg	840	910	U	ug/kg	910	930	U	ug/kg	930	910	U	ug/kg	910
Dibenzofuran	350	U	ug/kg	350	370	U	ug/kg	370	380	U	ug/kg	380	370	U	ug/kg	370
2,4-Dinitrotoluene	350	U	ug/kg	350	370	U	ug/kg	370	380	U	ug/kg	380	370	U	ug/kg	370
Diethylphthalate	350	U	ug/kg	350	370	U	ug/kg	370	380	U	ug/kg	380	370	U	ug/kg	370
4-Chlorophenyl-phenylether	350	U	ug/kg	350	370	U	ug/kg	370	380	U	ug/kg	380	370	U	ug/kg	370
Fluorene	350	U	ug/kg	350	370	U	ug/kg	370	380	U	ug/kg	380	370	U	ug/kg	370
4-Nitroaniline	840	U	ug/kg	840	910	U	ug/kg	910	930	U	ug/kg	930	910	U	ug/kg	910
4,6-Dinitro-2-methylphenol	840	U	ug/kg	840	910	U	ug/kg	910	930	U	ug/kg	930	910	U	ug/kg	910
N-Nitrosodiphenylamine (1)	350	U	ug/kg	350	370	U	ug/kg	370	380	U	ug/kg	380	370	U	ug/kg	370
4-Bromophenyl-phenylether	350	U	ug/kg	350	370	U	ug/kg	370	380	U	ug/kg	380	370	U	ug/kg	370
Hexachlorobenzene	350	U	ug/kg	350	370	U	ug/kg	370	380	U	ug/kg	380	370	U	ug/kg	370
Pentachlorophenol	840	U	ug/kg	840	910	U	ug/kg	910	930	U	ug/kg	930	910	U	ug/kg	910
Phenanthrene	350	U	ug/kg	350	370	U	ug/kg	370	380	U	ug/kg	380	370	U	ug/kg	370
Anthracene	350	U	ug/kg	350	370	U	ug/kg	370	380	U	ug/kg	380	370	U	ug/kg	370
Carbazole	350	U	ug/kg	350	370	U	ug/kg	370	380	U	ug/kg	380	370	U	ug/kg	370
Di-n-butylphthalate	350	U	ug/kg	350	370	U	ug/kg	370	380	U	ug/kg	380	370	U	ug/kg	370
Fluoranthene	350	U	ug/kg	350	370	U	ug/kg	370	380	U	ug/kg	380	370	U	ug/kg	370
Pyrene	350	U	ug/kg	350	370	U	ug/kg	370	380	U	ug/kg	380	370	U	ug/kg	370

Lab Sample Number:	34807024				34807021				34807022				34807011			
Site	WHITING				WHITING				WHITING				WHITING			
Locator	30SB5-15-17				30SB6-0-2				30SB6-10-12				30SB7-0-2			
Collect Date:	05-JAN-93				05-JAN-93				05-JAN-93				05-JAN-93			
	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL
Butylbenzylphthalate	350	U	ug/kg	350	370	U	ug/kg	370	380	U	ug/kg	380	370	U	ug/kg	370
3,3-Dichlorobenzidine	350	UJ	ug/kg	350	370	UJ	ug/kg	370	380	UJ	ug/kg	380	370	UJ	ug/kg	370
Benzo (a) anthracene	350	U	ug/kg	350	370	U	ug/kg	370	380	U	ug/kg	380	370	U	ug/kg	370
Chrysene	350	U	ug/kg	350	370	U	ug/kg	370	380	U	ug/kg	380	370	U	ug/kg	370
bis(2-Ethylhexyl) phthalate	350	U	ug/kg	350	370	U	ug/kg	370	380	UJ	ug/kg	380	370	UJ	ug/kg	380
Di-n-octylphthalate	350	U	ug/kg	350	370	U	ug/kg	370	380	U	ug/kg	380	370	U	ug/kg	370
Benzo (b) fluoranthene	350	U	ug/kg	350	370	U	ug/kg	370	380	U	ug/kg	380	370	U	ug/kg	370
Benzo (k) fluoranthene	350	U	ug/kg	350	370	U	ug/kg	370	380	U	ug/kg	380	370	U	ug/kg	370
Benzo (a) pyrene	350	U	ug/kg	350	370	U	ug/kg	370	380	U	ug/kg	380	370	U	ug/kg	370
Indeno (1,2,3-cd) pyrene	350	U	ug/kg	350	370	U	ug/kg	370	380	U	ug/kg	380	370	U	ug/kg	370
Dibenz (a,h) anthracene	350	U	ug/kg	350	370	U	ug/kg	370	380	U	ug/kg	380	370	U	ug/kg	370
Benzo (g,h,i) perylene	350	U	ug/kg	350	370	U	ug/kg	370	380	U	ug/kg	380	370	U	ug/kg	370

Lab Sample Number:	34807012
Site	WHITING
Locator	30SB7-10-12
Collect Date:	05-JAN-93

	VALUE	QUAL	UNITS	DL
CLP SEMIVOLATILES 90-SOW				
Phenol	380	U	ug/kg	380
bis(2-Chloroethyl) ether	380	U	ug/kg	380
2-Chlorophenol	380	U	ug/kg	380
1,3-Dichlorobenzene	380	U	ug/kg	380
1,4-Dichlorobenzene	380	U	ug/kg	380
1,2-Dichlorobenzene	380	U	ug/kg	380
2-Methylphenol	380	U	ug/kg	380
2,2-oxybis(1-Chloropropane)	380	U	ug/kg	380
4-Methylphenol	380	U	ug/kg	380
N-Nitroso-di-n-propylamine	380	U	ug/kg	380
Hexachloroethane	380	U	ug/kg	380
Nitrobenzene	380	U	ug/kg	380
Isophorone	380	U	ug/kg	380
2-Nitrophenol	380	U	ug/kg	380
2,4-Dimethylphenol	380	U	ug/kg	380
bis(2-Chloroethoxy) methane	380	U	ug/kg	380
2,4-Dichlorophenol	380	U	ug/kg	380
1,2,4-Trichlorobenzene	380	U	ug/kg	380
Naphthalene	380	U	ug/kg	380
4-Chloroaniline	380	U	ug/kg	380
Hexachlorobutadiene	380	U	ug/kg	380
4-Chloro-3-methylphenol	380	U	ug/kg	380
2-Methylnaphthalene	380	U	ug/kg	380
Hexachlorocyclopentadiene	380	U	ug/kg	380
2,4,6-Trichlorophenol	380	U	ug/kg	380
2,4,5-Trichlorophenol	920	U	ug/kg	920
2-Chloronaphthalene	380	U	ug/kg	380
2-Nitroaniline	920	U	ug/kg	920
Dimethylphthalate	380	U	ug/kg	380
Acenaphthylene	380	U	ug/kg	380
2,6-Dinitrotoluene	380	U	ug/kg	380
3-Nitroaniline	920	U	ug/kg	920
Acenaphthene	380	U	ug/kg	380
2,4-Dinitrophenol	920	U	ug/kg	920
4-Nitrophenol	920	U	ug/kg	920
Dibenzofuran	380	U	ug/kg	380
2,4-Dinitrotoluene	380	U	ug/kg	380
Diethylphthalate	380	U	ug/kg	380
4-Chlorophenyl-phenylether	380	U	ug/kg	380
Fluorene	380	U	ug/kg	380
4-Nitroaniline	920	U	ug/kg	920
4,6-Dinitro-2-methylphenol	920	U	ug/kg	920
N-Nitrosodiphenylamine (1)	380	U	ug/kg	380
4-Bromophenyl-phenylether	380	U	ug/kg	380
Hexachlorobenzene	380	U	ug/kg	380
Pentachlorophenol	920	U	ug/kg	920
Phenanthrene	380	U	ug/kg	380
Anthracene	380	U	ug/kg	380
Carbazole	380	U	ug/kg	380
Di-n-butylphthalate	380	U	ug/kg	380
Fluoranthene	380	U	ug/kg	380
Pyrene	380	U	ug/kg	380

Lab Sample Number:	34807012
Site	WHITING
Locator	30SB7-10-12
Collect Date:	05-JAN-93

	VALUE	QUAL	UNITS	DL
Butylbenzylphthalate	380	U	ug/kg	380
3,3-Dichlorobenzidine	380	UJ	ug/kg	380
Benzo (a) anthracene	380	U	ug/kg	380
Chrysene	380	U	ug/kg	380
bis(2-Ethylhexyl) phthalate	380	U	ug/kg	380
Di-n-octylphthalate	380	U	ug/kg	380
Benzo (b) fluoranthene	380	U	ug/kg	380
Benzo (k) fluoranthene	380	U	ug/kg	380
Benzo (a) pyrene	380	U	ug/kg	380
Indeno (1,2,3-cd) pyrene	380	U	ug/kg	380
Dibenz (a,h) anthracene	380	U	ug/kg	380
Benzo (g,h,i) perylene	380	U	ug/kg	380

08/04/94 WHITING FIELD - SITE 30 - PESTICIEDES/PCBS 14:29:09
SOIL BORINGS - VALIDATED DATA

Lab Sample Number:	34607006				34607007				34607008				34607009			
Site	WHITING				WHITING				WHITING				WHITING			
Locator	30SB1-2-4				30SB1-2-4A				30SB1-5-7				30SB1-10-12			
Collect Date:	06-DEC-92				06-DEC-92				06-DEC-92				06-DEC-92			
	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL
CLP PESTICIDES/PCBS 90-SOW																
alpha-BHC	2.1	UJ	ug/kg	2.1	2	UJ	ug/kg	2	2	UJ	ug/kg	2	2	UJ	ug/kg	2
beta-BHC	2.1	UJ	ug/kg	2.1	2	UJ	ug/kg	2	2	UJ	ug/kg	2	2	UJ	ug/kg	2
delta-BHC	2.1	UJ	ug/kg	2.1	2	UJ	ug/kg	2	2	UJ	ug/kg	2	2	UJ	ug/kg	2
gamma-BHC (Lindane)	2.1	UJ	ug/kg	2.1	2	UJ	ug/kg	2	2	UJ	ug/kg	2	2	UJ	ug/kg	2
Heptachlor	2.1	UJ	ug/kg	2.1	2	UJ	ug/kg	2	2	UJ	ug/kg	2	2	UJ	ug/kg	2
Aldrin	2.1	UJ	ug/kg	2.1	2	UJ	ug/kg	2	2	UJ	ug/kg	2	2	UJ	ug/kg	2
Heptachlor epoxide	2.1	UJ	ug/kg	2.1	2	UJ	ug/kg	2	2	UJ	ug/kg	2	2	UJ	ug/kg	2
Endosulfan I	2.1	UJ	ug/kg	2.1	2	UJ	ug/kg	2	2	UJ	ug/kg	2	2	UJ	ug/kg	2
Dieldrin	4.1	UJ	ug/kg	4.1	3.8	UJ	ug/kg	3.8	3.8	UJ	ug/kg	3.8	3.8	UJ	ug/kg	3.8
4,4-DDE	4.1	UJ	ug/kg	4.1	3.8	UJ	ug/kg	3.8	3.8	UJ	ug/kg	3.8	3.8	UJ	ug/kg	3.8
Endrin	4.1	UJ	ug/kg	4.1	3.8	UJ	ug/kg	3.8	3.8	UJ	ug/kg	3.8	3.8	UJ	ug/kg	3.8
Endosulfan II	4.1	UJ	ug/kg	4.1	3.8	UJ	ug/kg	3.8	3.8	UJ	ug/kg	3.8	3.8	UJ	ug/kg	3.8
4,4-DDD	4.1	UJ	ug/kg	4.1	3.8	UJ	ug/kg	3.8	3.8	UJ	ug/kg	3.8	6.3	J	ug/kg	4
Endosulfan sulfate	4.1	UJ	ug/kg	4.1	3.8	UJ	ug/kg	3.8	3.8	UJ	ug/kg	3.8	3.8	UJ	ug/kg	3.8
4,4-DDT	4.1	UJ	ug/kg	4.1	3.8	UJ	ug/kg	3.8	3.8	UJ	ug/kg	3.8	3.8	UJ	ug/kg	3.8
Methoxychlor	21	UJ	ug/kg	21	20	UJ	ug/kg	20	20	UJ	ug/kg	20	20	UJ	ug/kg	20
Endrin ketone	4.1	UJ	ug/kg	4.1	3.8	UJ	ug/kg	3.8	3.8	UJ	ug/kg	3.8	3.8	UJ	ug/kg	3.8
Endrin aldehyde	4.1	UJ	ug/kg	4.1	3.8	UJ	ug/kg	3.8	3.8	UJ	ug/kg	3.8	3.8	UJ	ug/kg	3.8
alpha-Chlordane	2.1	UJ	ug/kg	2.1	2	UJ	ug/kg	2	2	UJ	ug/kg	2	2	UJ	ug/kg	2
gamma-Chlordane	2.1	UJ	ug/kg	2.1	2	UJ	ug/kg	2	2	UJ	ug/kg	2	2	UJ	ug/kg	2
Toxaphene	210	UJ	ug/kg	210	200	UJ	ug/kg	200	200	UJ	ug/kg	200	200	UJ	ug/kg	200
Aroclor-1016	41	UJ	ug/kg	41	38	UJ	ug/kg	38	38	UJ	ug/kg	38	38	UJ	ug/kg	38
Aroclor-1221	83	UJ	ug/kg	83	77	UJ	ug/kg	77	78	UJ	ug/kg	78	77	UJ	ug/kg	77
Aroclor-1232	41	UJ	ug/kg	41	38	UJ	ug/kg	38	38	UJ	ug/kg	38	38	UJ	ug/kg	38
Aroclor-1242	41	UJ	ug/kg	41	38	UJ	ug/kg	38	38	UJ	ug/kg	38	38	UJ	ug/kg	38
Aroclor-1248	41	UJ	ug/kg	41	38	UJ	ug/kg	38	38	UJ	ug/kg	38	38	UJ	ug/kg	38
Aroclor-1254	41	UJ	ug/kg	41	38	UJ	ug/kg	38	38	UJ	ug/kg	38	38	UJ	ug/kg	38
Aroclor-1260	41	UJ	ug/kg	41	38	UJ	ug/kg	38	38	UJ	ug/kg	38	38	UJ	ug/kg	38

08/04/94 WHITING FIELD - SITE 30 - PESTICIEDES/PCBS 14:29:09
SOIL BORINGS - VALIDATED DATA

Lab Sample Number:	34607010				34607013				34607014				34617001			
Site	WHITING				WHITING				WHITING				WHITING			
Locator	30SB1-15-17				30SB1-35-37				30SB1-60-62				30SB1-120			
Collect Date:	06-DEC-92				06-DEC-92				06-DEC-92				08-DEC-92			
	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL
CLP PESTICIDES/PCBS 90-SOW																
alpha-BHC	1.8	UJ	ug/kg	1.8	1.8	UJ	ug/kg	1.8	1.8	UJ	ug/kg	1.8	2.1	UJ	ug/kg	2.1
beta-BHC	1.8	UJ	ug/kg	1.8	1.8	UJ	ug/kg	1.8	1.8	UJ	ug/kg	1.8	2.1	UJ	ug/kg	2.1
delta-BHC	1.8	UJ	ug/kg	1.8	1.8	UJ	ug/kg	1.8	1.8	UJ	ug/kg	1.8	2.1	UJ	ug/kg	2.1
gamma-BHC (Lindane)	1.8	UJ	ug/kg	1.8	1.8	UJ	ug/kg	1.8	1.8	UJ	ug/kg	1.8	2.1	UJ	ug/kg	2.1
Heptachlor	1.8	UJ	ug/kg	1.8	1.8	UJ	ug/kg	1.8	1.8	UJ	ug/kg	1.8	2.1	UJ	ug/kg	2.1
Aldrin	1.8	UJ	ug/kg	1.8	1.8	UJ	ug/kg	1.8	1.8	UJ	ug/kg	1.8	2.1	UJ	ug/kg	2.1
Heptachlor epoxide	1.8	UJ	ug/kg	1.8	1.8	UJ	ug/kg	1.8	1.8	UJ	ug/kg	1.8	2.1	UJ	ug/kg	2.1
Endosulfan I	1.8	UJ	ug/kg	1.8	1.8	UJ	ug/kg	1.8	1.8	UJ	ug/kg	1.8	2.1	UJ	ug/kg	2.1
Dieldrin	3.5	UJ	ug/kg	3.5	3.5	UJ	ug/kg	3.5	3.6	UJ	ug/kg	3.6	4.1	UJ	ug/kg	4.1
4,4-DDE	3.5	UJ	ug/kg	3.5	3.5	UJ	ug/kg	3.5	3.6	UJ	ug/kg	3.6	4.1	UJ	ug/kg	4.1
Endrin	3.5	UJ	ug/kg	3.5	3.5	UJ	ug/kg	3.5	3.6	UJ	ug/kg	3.6	4.1	UJ	ug/kg	4.1
Endosulfan II	3.5	UJ	ug/kg	3.5	3.5	UJ	ug/kg	3.5	3.6	UJ	ug/kg	3.6	4.1	UJ	ug/kg	4.1
4,4-DDD	3.5	UJ	ug/kg	3.5	3.5	UJ	ug/kg	3.5	3.6	UJ	ug/kg	3.6	4.1	UJ	ug/kg	4.1
Endosulfan sulfate	3.5	UJ	ug/kg	3.5	3.5	UJ	ug/kg	3.5	3.6	UJ	ug/kg	3.6	4.1	UJ	ug/kg	4.1
4,4-DDT	3.5	UJ	ug/kg	3.5	3.5	UJ	ug/kg	3.5	3.6	UJ	ug/kg	3.6	4.1	UJ	ug/kg	4.1
Methoxychlor	18	UJ	ug/kg	18	18	UJ	ug/kg	18	18	UJ	ug/kg	18	21	UJ	ug/kg	21
Endrin ketone	3.5	UJ	ug/kg	3.5	3.5	UJ	ug/kg	3.5	3.6	UJ	ug/kg	3.6	4.1	UJ	ug/kg	4.1
Endrin aldehyde	3.5	UJ	ug/kg	3.5	3.5	UJ	ug/kg	3.5	3.6	UJ	ug/kg	3.6	4.1	UJ	ug/kg	4.1
alpha-Chlordane	1.8	UJ	ug/kg	1.8	1.8	UJ	ug/kg	1.8	1.8	UJ	ug/kg	1.8	2.1	UJ	ug/kg	2.1
gamma-Chlordane	1.8	UJ	ug/kg	1.8	1.8	UJ	ug/kg	1.8	1.8	UJ	ug/kg	1.8	2.1	UJ	ug/kg	2.1
Toxaphene	180	UJ	ug/kg	180	180	UJ	ug/kg	180	180	UJ	ug/kg	180	210	UJ	ug/kg	210
Aroclor-1016	35	UJ	ug/kg	35	35	UJ	ug/kg	35	36	UJ	ug/kg	36	41	UJ	ug/kg	41
Aroclor-1221	71	UJ	ug/kg	71	71	UJ	ug/kg	71	73	UJ	ug/kg	73	83	UJ	ug/kg	83
Aroclor-1232	35	UJ	ug/kg	35	35	UJ	ug/kg	35	36	UJ	ug/kg	36	41	UJ	ug/kg	41
Aroclor-1242	35	UJ	ug/kg	35	35	UJ	ug/kg	35	36	UJ	ug/kg	36	41	UJ	ug/kg	41
Aroclor-1248	35	UJ	ug/kg	35	35	UJ	ug/kg	35	36	UJ	ug/kg	36	41	UJ	ug/kg	41
Aroclor-1254	35	UJ	ug/kg	35	35	UJ	ug/kg	35	36	UJ	ug/kg	36	41	UJ	ug/kg	41
Aroclor-1260	35	UJ	ug/kg	35	35	UJ	ug/kg	35	36	UJ	ug/kg	36	41	UJ	ug/kg	41

08/04/94 WHITING FIELD - SITE 30 - PESTICIEDES/PCBS 14:29:09
SOIL BORINGS - VALIDATED DATA

Lab Sample Number:	34799009				34799010				34799011				34799007			
Site	WHITING				WHITING				WHITING				WHITING			
Locator	30SB02-0-2				30SB02-10-12				30SB02-20-22				30SB03-0-2			
Collect Date:	04-JAN-93				04-JAN-93				04-JAN-93				04-JAN-93			
	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL
CLP PESTICIDES/PCBS 90-SOW																
alpha-BHC	1.9	UJ	ug/kg	1.9	1.9	UJ	ug/kg	1.9	1.8	UJ	ug/kg	1.8	1.9	UJ	ug/kg	1.9
beta-BHC	1.9	UJ	ug/kg	1.9	1.9	UJ	ug/kg	1.9	1.8	UJ	ug/kg	1.8	1.9	UJ	ug/kg	1.9
delta-BHC	1.9	UJ	ug/kg	1.9	1.9	UJ	ug/kg	1.9	1.8	UJ	ug/kg	1.8	1.9	UJ	ug/kg	1.9
gamma-BHC (Lindane)	1.9	UJ	ug/kg	1.9	1.9	UJ	ug/kg	1.9	1.8	UJ	ug/kg	1.8	1.9	UJ	ug/kg	1.9
Heptachlor	1.9	UJ	ug/kg	1.9	1.9	UJ	ug/kg	1.9	1.8	UJ	ug/kg	1.8	1.9	UJ	ug/kg	1.9
Aldrin	1.9	UJ	ug/kg	1.9	1.9	UJ	ug/kg	1.9	1.8	UJ	ug/kg	1.8	1.9	UJ	ug/kg	1.9
Heptachlor epoxide	1.9	UJ	ug/kg	1.9	1.9	UJ	ug/kg	1.9	1.8	UJ	ug/kg	1.8	1.9	UJ	ug/kg	1.9
Endosulfan I	1.9	UJ	ug/kg	1.9	1.9	UJ	ug/kg	1.9	1.8	UJ	ug/kg	1.8	1.9	UJ	ug/kg	1.9
Dieldrin	1.9	J	ug/kg	3.7	3.7	UJ	ug/kg	3.7	3.4	UJ	ug/kg	3.4	13	J	ug/kg	3.7
4,4-DDE	3.7	UJ	ug/kg	3.7	3.7	UJ	ug/kg	3.7	3.4	UJ	ug/kg	3.4	3.7	UJ	ug/kg	3.7
Endrin	3.7	UJ	ug/kg	3.7	3.7	UJ	ug/kg	3.7	3.4	UJ	ug/kg	3.4	3.7	UJ	ug/kg	3.7
Endosulfan II	3.7	UJ	ug/kg	3.7	3.7	UJ	ug/kg	3.7	3.4	UJ	ug/kg	3.4	3.7	UJ	ug/kg	3.7
4,4-DDD	2.6	J	ug/kg	3.7	3.7	UJ	ug/kg	3.7	3.4	UJ	ug/kg	3.4	3.7	UJ	ug/kg	3.7
Endosulfan sulfate	3.7	UJ	ug/kg	3.7	3.7	UJ	ug/kg	3.7	3.4	UJ	ug/kg	3.4	3.7	UJ	ug/kg	3.7
4,4-DDT	3.7	UJ	ug/kg	3.7	3.7	UJ	ug/kg	3.7	3.4	UJ	ug/kg	3.4	3.7	UJ	ug/kg	3.7
Methoxychlor	19	UJ	ug/kg	19	19	UJ	ug/kg	19	18	UJ	ug/kg	18	19	UJ	ug/kg	19
Endrin ketone	3.7	UJ	ug/kg	3.7	3.7	UJ	ug/kg	3.7	3.4	UJ	ug/kg	3.4	3.7	UJ	ug/kg	3.7
Endrin aldehyde	3.7	UJ	ug/kg	3.7	3.7	UJ	ug/kg	3.7	3.4	UJ	ug/kg	3.4	3.7	UJ	ug/kg	3.7
alpha-Chlordane	1.9	UJ	ug/kg	1.9	1.9	UJ	ug/kg	1.9	1.8	UJ	ug/kg	1.8	1.9	UJ	ug/kg	1.9
gamma-Chlordane	1.9	UJ	ug/kg	1.9	1.9	UJ	ug/kg	1.9	1.8	UJ	ug/kg	1.8	1.9	UJ	ug/kg	1.9
Toxaphene	190	UJ	ug/kg	190	190	UJ	ug/kg	190	180	UJ	ug/kg	180	190	UJ	ug/kg	190
Aroclor-1016	37	UJ	ug/kg	37	37	UJ	ug/kg	37	34	UJ	ug/kg	34	37	UJ	ug/kg	37
Aroclor-1221	75	UJ	ug/kg	75	74	UJ	ug/kg	74	69	UJ	ug/kg	69	76	UJ	ug/kg	76
Aroclor-1232	37	UJ	ug/kg	37	37	UJ	ug/kg	37	34	UJ	ug/kg	34	37	UJ	ug/kg	37
Aroclor-1242	37	UJ	ug/kg	37	37	UJ	ug/kg	37	34	UJ	ug/kg	34	37	UJ	ug/kg	37
Aroclor-1248	37	UJ	ug/kg	37	37	UJ	ug/kg	37	34	UJ	ug/kg	34	37	UJ	ug/kg	37
Aroclor-1254	37	UJ	ug/kg	37	37	UJ	ug/kg	37	34	UJ	ug/kg	34	37	UJ	ug/kg	37
Aroclor-1260	37	UJ	ug/kg	37	37	UJ	ug/kg	37	34	UJ	ug/kg	34	37	UJ	ug/kg	37

SOIL BORINGS - VALIDATED DATA

	Lab Sample Number:	34799008				34799012				34799013				34807008			
	Site	WHITING				WHITING				WHITING				WHITING			
	Locator	30SB03-10-12				30SB04-0-2				30SB04-5-7				30SB4-10-12			
	Collect Date:	04-JAN-93				04-JAN-93				04-JAN-93				05-JAN-93			
		VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL
CLP PESTICIDES/PCBS 90-SOW																	
alpha-BHC		1.9	UJ	ug/kg	1.9	2	UJ	ug/kg	2	2	UJ	ug/kg	2	2	UJ	ug/kg	2
beta-BHC		1.9	UJ	ug/kg	1.9	2	UJ	ug/kg	2	2	UJ	ug/kg	2	2	UJ	ug/kg	2
delta-BHC		1.9	UJ	ug/kg	1.9	2	UJ	ug/kg	2	2	UJ	ug/kg	2	2	UJ	ug/kg	2
gamma-BHC (Lindane)		1.9	UJ	ug/kg	1.9	2	UJ	ug/kg	2	2	UJ	ug/kg	2	2	UJ	ug/kg	2
Heptachlor		1.9	UJ	ug/kg	1.9	2	UJ	ug/kg	2	2	UJ	ug/kg	2	2	UJ	ug/kg	2
Aldrin		1.9	UJ	ug/kg	1.9	2	UJ	ug/kg	2	2	UJ	ug/kg	2	2	UJ	ug/kg	2
Heptachlor epoxide		1.9	UJ	ug/kg	1.9	2	UJ	ug/kg	2	2	UJ	ug/kg	2	2	UJ	ug/kg	2
Endosulfan I		1.9	UJ	ug/kg	1.9	2	UJ	ug/kg	2	2	UJ	ug/kg	2	2	UJ	ug/kg	2
Dieldrin		3.7	UJ	ug/kg	3.7	4	UJ	ug/kg	4	3.9	UJ	ug/kg	3.9	3.9	UJ	ug/kg	3.9
4,4-DDE		3.7	UJ	ug/kg	3.7	4	UJ	ug/kg	4	3.9	UJ	ug/kg	3.9	3.9	UJ	ug/kg	3.9
Endrin		3.7	UJ	ug/kg	3.7	4	UJ	ug/kg	4	3.9	UJ	ug/kg	3.9	3.9	UJ	ug/kg	3.9
Endosulfan II		3.7	UJ	ug/kg	3.7	4	UJ	ug/kg	4	3.9	UJ	ug/kg	3.9	3.9	UJ	ug/kg	3.9
4,4-DDD		3.7	UJ	ug/kg	3.7	4	UJ	ug/kg	4	3.9	UJ	ug/kg	3.9	3.9	UJ	ug/kg	3.9
Endosulfan sulfate		3.7	UJ	ug/kg	3.7	4	UJ	ug/kg	4	3.9	UJ	ug/kg	3.9	3.9	UJ	ug/kg	3.9
4,4-DDT		3.7	UJ	ug/kg	3.7	4	UJ	ug/kg	4	3.9	UJ	ug/kg	3.9	3.9	UJ	ug/kg	3.9
Methoxychlor		19	UJ	ug/kg	19	20	UJ	ug/kg	20	20	UJ	ug/kg	20	20	UJ	ug/kg	20
Endrin ketone		3.7	UJ	ug/kg	3.7	4	UJ	ug/kg	4	3.9	UJ	ug/kg	3.9	3.9	UJ	ug/kg	3.9
Endrin aldehyde		3.7	UJ	ug/kg	3.7	4	UJ	ug/kg	4	3.9	UJ	ug/kg	3.9	3.9	UJ	ug/kg	3.9
alpha-Chlordane		1.9	UJ	ug/kg	1.9	2	UJ	ug/kg	2	2	UJ	ug/kg	2	2	UJ	ug/kg	2
gamma-Chlordane		1.9	UJ	ug/kg	1.9	2	UJ	ug/kg	2	2	UJ	ug/kg	2	2	UJ	ug/kg	2
Toxaphene		190	UJ	ug/kg	190	200	UJ	ug/kg	200	200	UJ	ug/kg	200	200	UJ	ug/kg	200
Aroclor-1016		37	UJ	ug/kg	37	40	UJ	ug/kg	40	39	UJ	ug/kg	39	39	UJ	ug/kg	39
Aroclor-1221		74	UJ	ug/kg	74	81	UJ	ug/kg	81	80	UJ	ug/kg	80	79	UJ	ug/kg	79
Aroclor-1232		37	UJ	ug/kg	37	40	UJ	ug/kg	40	39	UJ	ug/kg	39	39	UJ	ug/kg	39
Aroclor-1242		37	UJ	ug/kg	37	40	UJ	ug/kg	40	39	UJ	ug/kg	39	39	UJ	ug/kg	39
Aroclor-1248		37	UJ	ug/kg	37	40	UJ	ug/kg	40	39	UJ	ug/kg	39	39	UJ	ug/kg	39
Aroclor-1254		37	UJ	ug/kg	37	40	UJ	ug/kg	40	39	UJ	ug/kg	39	39	UJ	ug/kg	39
Aroclor-1260		37	UJ	ug/kg	37	40	UJ	ug/kg	40	39	UJ	ug/kg	39	39	UJ	ug/kg	39

08/04/94 WHITING FIELD - SITE 30 - PESTICIEDES/PCBS 14:29:09
SOIL BORINGS - VALIDATED DATA

	Lab Sample Number:	34807009				34807010				34807023				34807024			
	Site	WHITING				WHITING				WHITING				WHITING			
	Locator	30SB4-15-17				30SB4-25-27				30SB5-0-2				30SB5-15-17			
	Collect Date:	05-JAN-93				05-JAN-93				05-JAN-93				05-JAN-93			
		VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL
CLP PESTICIDES/PCBS 90-SOW																	
alpha-BHC		1.8	UJ	ug/kg	1.8	1.8	UJ	ug/kg	1.8	2	UJ	ug/kg	2	1.8	UJ	ug/kg	1.8
beta-BHC		1.8	UJ	ug/kg	1.8	1.8	UJ	ug/kg	1.8	2	UJ	ug/kg	2	1.8	UJ	ug/kg	1.8
delta-BHC		1.8	UJ	ug/kg	1.8	1.8	UJ	ug/kg	1.8	2	UJ	ug/kg	2	1.8	UJ	ug/kg	1.8
gamma-BHC (Lindane)		1.8	UJ	ug/kg	1.8	1.8	UJ	ug/kg	1.8	2	UJ	ug/kg	2	1.8	UJ	ug/kg	1.8
Heptachlor		1.8	UJ	ug/kg	1.8	1.8	UJ	ug/kg	1.8	2	UJ	ug/kg	2	1.8	UJ	ug/kg	1.8
Aldrin		1.8	UJ	ug/kg	1.8	1.8	UJ	ug/kg	1.8	2	UJ	ug/kg	2	1.8	UJ	ug/kg	1.8
Heptachlor epoxide		1.8	UJ	ug/kg	1.8	1.8	UJ	ug/kg	1.8	2	UJ	ug/kg	2	1.8	UJ	ug/kg	1.8
Endosulfan I		1.8	UJ	ug/kg	1.8	1.8	UJ	ug/kg	1.8	2	UJ	ug/kg	2	1.8	UJ	ug/kg	1.8
Dieldrin		3.5	UJ	ug/kg	3.5	3.4	UJ	ug/kg	3.4	3.9	UJ	ug/kg	3.9	3.5	UJ	ug/kg	3.5
4,4-DDE		3.5	UJ	ug/kg	3.5	3.4	UJ	ug/kg	3.4	3.9	UJ	ug/kg	3.9	3.5	UJ	ug/kg	3.5
Endrin		3.5	UJ	ug/kg	3.5	3.4	UJ	ug/kg	3.4	3.9	UJ	ug/kg	3.9	3.5	UJ	ug/kg	3.5
Endosulfan II		3.5	UJ	ug/kg	3.5	3.4	UJ	ug/kg	3.4	3.9	UJ	ug/kg	3.9	3.5	UJ	ug/kg	3.5
4,4-DDD		3.5	UJ	ug/kg	3.5	3.4	UJ	ug/kg	3.4	3.9	UJ	ug/kg	3.9	3.5	UJ	ug/kg	3.5
Endosulfan sulfate		3.5	UJ	ug/kg	3.5	3.4	UJ	ug/kg	3.4	3.9	UJ	ug/kg	3.9	3.5	UJ	ug/kg	3.5
4,4-DDT		3.5	UJ	ug/kg	3.5	3.4	UJ	ug/kg	3.4	3.9	UJ	ug/kg	3.9	3.5	UJ	ug/kg	3.5
Methoxychlor		18	UJ	ug/kg	18	18	UJ	ug/kg	18	20	UJ	ug/kg	20	18	UJ	ug/kg	18
Endrin ketone		3.5	UJ	ug/kg	3.5	3.4	UJ	ug/kg	3.4	3.9	UJ	ug/kg	3.9	3.5	UJ	ug/kg	3.5
Endrin aldehyde		3.5	UJ	ug/kg	3.5	3.4	UJ	ug/kg	3.4	3.9	UJ	ug/kg	3.9	3.5	UJ	ug/kg	3.5
alpha-Chlordane		1.8	UJ	ug/kg	1.8	1.8	UJ	ug/kg	1.8	2	UJ	ug/kg	2	1.8	UJ	ug/kg	1.8
gamma-Chlordane		1.8	UJ	ug/kg	1.8	1.8	UJ	ug/kg	1.8	2	UJ	ug/kg	2	1.8	UJ	ug/kg	1.8
Toxaphene		180	UJ	ug/kg	180	180	UJ	ug/kg	180	200	UJ	ug/kg	200	180	UJ	ug/kg	180
Aroclor-1016		35	UJ	ug/kg	35	34	UJ	ug/kg	34	39	UJ	ug/kg	39	35	UJ	ug/kg	35
Aroclor-1221		71	UJ	ug/kg	71	70	UJ	ug/kg	70	79	UJ	ug/kg	79	71	UJ	ug/kg	71
Aroclor-1232		35	UJ	ug/kg	35	34	UJ	ug/kg	34	39	UJ	ug/kg	39	35	UJ	ug/kg	35
Aroclor-1242		35	UJ	ug/kg	35	34	UJ	ug/kg	34	39	UJ	ug/kg	39	35	UJ	ug/kg	35
Aroclor-1248		35	UJ	ug/kg	35	34	UJ	ug/kg	34	39	UJ	ug/kg	39	35	UJ	ug/kg	35
Aroclor-1254		35	UJ	ug/kg	35	34	UJ	ug/kg	34	39	UJ	ug/kg	39	35	UJ	ug/kg	35
Aroclor-1260		35	UJ	ug/kg	35	34	UJ	ug/kg	34	39	UJ	ug/kg	39	35	UJ	ug/kg	35

08/04/94 WHITING FIELD - SITE 30 - PESTICIEDES/PCBS 14:29:09
SOIL BORINGS - VALIDATED DATA

Lab Sample Number:	34807021				34807022				34807011				34807012			
Site	WHITING				WHITING				WHITING				WHITING			
Locator	30SB6-0-2				30SB6-10-12				30SB7-0-2				30SB7-10-12			
Collect Date:	05-JAN-93				05-JAN-93				05-JAN-93				05-JAN-93			
	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL
CLP PESTICIDES/PCBS 90-SOW																
alpha-BHC	1.9	UJ	ug/kg	1.9	2	UJ	ug/kg	2	1.9	UJ	ug/kg	1.9	2	UJ	ug/kg	2
beta-BHC	1.9	UJ	ug/kg	1.9	2	UJ	ug/kg	2	1.9	UJ	ug/kg	1.9	2	UJ	ug/kg	2
delta-BHC	1.9	UJ	ug/kg	1.9	2	UJ	ug/kg	2	1.9	UJ	ug/kg	1.9	2	UJ	ug/kg	2
gamma-BHC (Lindane)	1.9	UJ	ug/kg	1.9	2	UJ	ug/kg	2	1.9	UJ	ug/kg	1.9	2	UJ	ug/kg	2
Heptachlor	1.9	UJ	ug/kg	1.9	2	UJ	ug/kg	2	1.9	UJ	ug/kg	1.9	2	UJ	ug/kg	2
Aldrin	1.9	UJ	ug/kg	1.9	2	UJ	ug/kg	2	1.9	UJ	ug/kg	1.9	2	UJ	ug/kg	2
Heptachlor epoxide	1.9	UJ	ug/kg	1.9	2	UJ	ug/kg	2	1.9	UJ	ug/kg	1.9	2	UJ	ug/kg	2
Endosulfan I	1.9	UJ	ug/kg	1.9	2	UJ	ug/kg	2	1.9	UJ	ug/kg	1.9	2	UJ	ug/kg	2
Dieldrin	3.7	UJ	ug/kg	3.7	3.8	UJ	ug/kg	3.8	3.7	UJ	ug/kg	3.7	3.8	UJ	ug/kg	3.8
4,4-DDE	3.7	UJ	ug/kg	3.7	3.8	UJ	ug/kg	3.8	3.7	UJ	ug/kg	3.7	3.8	UJ	ug/kg	3.8
Endrin	3.7	UJ	ug/kg	3.7	3.8	UJ	ug/kg	3.8	3.7	UJ	ug/kg	3.7	3.8	UJ	ug/kg	3.8
Endosulfan II	3.7	UJ	ug/kg	3.7	3.8	UJ	ug/kg	3.8	3.7	UJ	ug/kg	3.7	3.8	UJ	ug/kg	3.8
4,4-DDD	3.7	UJ	ug/kg	3.7	3.8	UJ	ug/kg	3.8	3.7	UJ	ug/kg	3.7	3.8	UJ	ug/kg	3.8
Endosulfan sulfate	3.7	UJ	ug/kg	3.7	3.8	UJ	ug/kg	3.8	3.7	UJ	ug/kg	3.7	3.8	UJ	ug/kg	3.8
4,4-DDT	3.7	UJ	ug/kg	3.7	3.8	UJ	ug/kg	3.8	3.7	UJ	ug/kg	3.7	3.8	UJ	ug/kg	3.8
Methoxychlor	19	UJ	ug/kg	19	20	UJ	ug/kg	20	19	UJ	ug/kg	19	20	UJ	ug/kg	20
Endrin ketone	3.7	UJ	ug/kg	3.7	3.8	UJ	ug/kg	3.8	3.7	UJ	ug/kg	3.7	3.8	UJ	ug/kg	3.8
Endrin aldehyde	3.7	UJ	ug/kg	3.7	3.8	UJ	ug/kg	3.8	3.7	UJ	ug/kg	3.7	3.8	UJ	ug/kg	3.8
alpha-Chlordane	1.9	UJ	ug/kg	1.9	2	UJ	ug/kg	2	1.9	UJ	ug/kg	1.9	2	UJ	ug/kg	2
gamma-Chlordane	1.9	UJ	ug/kg	1.9	2	UJ	ug/kg	2	1.9	UJ	ug/kg	1.9	2	UJ	ug/kg	2
Toxaphene	190	UJ	ug/kg	190	200	UJ	ug/kg	200	190	UJ	ug/kg	190	200	UJ	ug/kg	200
Aroclor-1016	37	UJ	ug/kg	37	38	UJ	ug/kg	38	37	UJ	ug/kg	37	38	UJ	ug/kg	38
Aroclor-1221	76	UJ	ug/kg	76	78	UJ	ug/kg	78	76	UJ	ug/kg	76	77	UJ	ug/kg	77
Aroclor-1232	37	UJ	ug/kg	37	38	UJ	ug/kg	38	37	UJ	ug/kg	37	38	UJ	ug/kg	38
Aroclor-1242	37	UJ	ug/kg	37	38	UJ	ug/kg	38	37	UJ	ug/kg	37	38	UJ	ug/kg	38
Aroclor-1248	37	UJ	ug/kg	37	38	UJ	ug/kg	38	37	UJ	ug/kg	37	38	UJ	ug/kg	38
Aroclor-1254	37	UJ	ug/kg	37	38	UJ	ug/kg	38	37	UJ	ug/kg	37	38	UJ	ug/kg	38
Aroclor-1260	37	UJ	ug/kg	37	38	UJ	ug/kg	38	37	UJ	ug/kg	37	38	UJ	ug/kg	38

08/04/94 WHITING FIELD - SITE 30 - METALS/CYANIDE 14:34:53
SOIL BORINGS - VALIDATED DATA

Lab Sample Number:	34607006				34607007				34607008				34607009			
Site	WHITING				WHITING				WHITING				WHITING			
Locator	30SB1-2-4				30SB1-2-4A				30SB1-5-7				30SB1-10-12			
Collect Date:	06-DEC-92				06-DEC-92				06-DEC-92				06-DEC-92			
	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL
CLP METALS AND CYANIDE																
Aluminum	14600		mg/kg	40	15700		mg/kg	40	11000		mg/kg	40	999		mg/kg	40
Antimony	3	U	mg/kg	12	2.8	U	mg/kg	12	2.8	U	mg/kg	12	2.8	U	mg/kg	12
Arsenic	2.5		mg/kg	2	1.5	J	mg/kg	2	1.3	J	mg/kg	2	1	J	mg/kg	2
Barium	15.8	J	mg/kg	40	17.4	J	mg/kg	40	17.1	J	mg/kg	40	.8	J	mg/kg	40
Beryllium	.12	U	mg/kg	1	.12	U	mg/kg	1	.12	U	mg/kg	1	.11	U	mg/kg	1
Cadmium	.5	J	mg/kg	1	.65	J	mg/kg	1	.4	J	mg/kg	1	.27	U	mg/kg	1
Calcium	567	J	mg/kg	1000	548	J	mg/kg	1000	787	J	mg/kg	1000	250	J	mg/kg	1000
Chromium	14.6		mg/kg	2	15.3		mg/kg	2	11.1		mg/kg	2	2.2	J	mg/kg	2
Cobalt	1.4	U	mg/kg	10	1.3	U	mg/kg	10	1.8	J	mg/kg	10	1.3	U	mg/kg	10
Copper	4.8	J	mg/kg	5	5	J	mg/kg	5	3.9	J	mg/kg	5	1.9	J	mg/kg	5
Iron	12800		mg/kg	20	13800		mg/kg	20	10400		mg/kg	20	2390		mg/kg	20
Lead	7.7		mg/kg	.6	7.8		mg/kg	.6	8.1		mg/kg	.6	1.5		mg/kg	.6
Magnesium	180	J	mg/kg	1000	191	J	mg/kg	1000	146	J	mg/kg	1000	22.1	J	mg/kg	1000
Manganese	82.3		mg/kg	3	140		mg/kg	3	177		mg/kg	3	2.4	J	mg/kg	3
Mercury	.04	J	mg/kg	.1	.05	J	mg/kg	.1	.04	J	mg/kg	.1	.03	U	mg/kg	.1
Nickel	1.9	U	mg/kg	8	2.3	J	mg/kg	8	1.8	U	mg/kg	8	1.8	U	mg/kg	8
Potassium	171	J	mg/kg	1000	215	J	mg/kg	1000	97.8	J	mg/kg	1000	98.2	J	mg/kg	1000
Selenium	.76	J	mg/kg	1	.15	J	mg/kg	1	.18	J	mg/kg	1	.11	U	mg/kg	1
Silver	.52		mg/kg	2	.48	U	mg/kg	2	.49	U	mg/kg	2	.48	U	mg/kg	2
Sodium	201	J	mg/kg	1000	168	J	mg/kg	1000	214	J	mg/kg	1000	199	J	mg/kg	1000
Thallium	.17	U	mg/kg	2	.16	U	mg/kg	2	.16	U	mg/kg	2	.16	U	mg/kg	2
Vanadium	34.6		mg/kg	10	36.2		mg/kg	10	27.3		mg/kg	10	11.5		mg/kg	10
Zinc	7.7		mg/kg	4	6.8		mg/kg	4	6.7		mg/kg	4	2	J	mg/kg	4
Cyanide	.19	U	mg/kg	.5	.17	U	mg/kg	.5	.17	U	mg/kg	.5	.17	U	mg/kg	.5

SOIL BORINGS - VALIDATED DATA

	34607010				34607013				34607014				34617001			
Lab Sample Number:																
Site	WHITING				WHITING				WHITING				WHITING			
Locator	30SB1-15-17				30SB1-35-37				30SB1-60-62				30SB1-120			
Collect Date:	06-DEC-92				06-DEC-92				06-DEC-92				08-DEC-92			
	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL
CLP METALS AND CYANIDE																
Aluminum	814		mg/kg	40	138		mg/kg	40	618		mg/kg	40	1270		mg/kg	40
Antimony	2.6	U	mg/kg	12	2.6	U	mg/kg	12	2.6	U	mg/kg	12	3	U	mg/kg	12
Arsenic	.19	J	mg/kg	2	.15	U	mg/kg	2	.15	U	mg/kg	2	.17	U	mg/kg	2
Barium	.51	J	mg/kg	40	.37	J	mg/kg	40	.6	J	mg/kg	40	3.3	J	mg/kg	40
Beryllium	.11	U	mg/kg	1	.11	U	mg/kg	1	.11	U	mg/kg	1	.12	U	mg/kg	1
Cadmium	.26	U	mg/kg	1	.25	U	mg/kg	1	.25	U	mg/kg	1	.71	J	mg/kg	1
Calcium	116	J	mg/kg	1000	118	J	mg/kg	1000	108	J	mg/kg	1000	175	J	mg/kg	1000
Chromium	2.7		mg/kg	2	1.1	J	mg/kg	2	1.5	J	mg/kg	2	4.4		mg/kg	2
Cobalt	1.2	U	mg/kg	10	1.2	U	mg/kg	10	1.2	U	mg/kg	10	1.4	U	mg/kg	10
Copper	.98	J	mg/kg	5	.62	J	mg/kg	5	.83	J	mg/kg	5	3	J	mg/kg	5
Iron	846		mg/kg	20	199		mg/kg	20	104		mg/kg	20	17800		mg/kg	20
Lead	.36	J	mg/kg	.6	.23	J	mg/kg	.6	.3	J	mg/kg	.6	1.4		mg/kg	.6
Magnesium	10.4	J	mg/kg	1000	11.3	J	mg/kg	1000	13.5	J	mg/kg	1000	50.5	J	mg/kg	1000
Manganese	2.4	J	mg/kg	3	.96	J	mg/kg	3	1.2	J	mg/kg	3	4.4		mg/kg	3
Mercury	.03	U	mg/kg	.1	.03	U	mg/kg	.1	.03	U	mg/kg	.1	.03	U	mg/kg	.1
Nickel	1.6	U	mg/kg	8	1.6	U	mg/kg	8	1.6	U	mg/kg	8	1.9	U	mg/kg	8
Potassium	65.9	J	mg/kg	1000	49.2	J	mg/kg	1000	83.8	J	mg/kg	1000	135	J	mg/kg	1000
Selenium	.11	U	mg/kg	1	.11	U	mg/kg	1	.11	U	mg/kg	1	.4	J	mg/kg	1
Silver	.45	U	mg/kg	2	.44	U	mg/kg	2	.45	U	mg/kg	2	.52	U	mg/kg	2
Sodium	172	J	mg/kg	1000	203	J	mg/kg	1000	134	J	mg/kg	1000	257	J	mg/kg	1000
Thallium	.15	U	mg/kg	2	.15	U	mg/kg	2	.15	U	mg/kg	2	.17	U	mg/kg	2
Vanadium	3.1	J	mg/kg	10	.77	J	mg/kg	10	.87	J	mg/kg	10	12.3	J	mg/kg	10
Zinc	1.9	J	mg/kg	4	3	J	mg/kg	4	1.4	J	mg/kg	4	10.5	J	mg/kg	4
Cyanide	.16	U	mg/kg	.5	.16	U	mg/kg	.5	.16	U	mg/kg	.5	.19	U	mg/kg	.5

08/04/94 WHITING FIELD - SITE 30 - METALS/CYANIDE 14:34:53
SOIL BORINGS - VALIDATED DATA

Lab Sample Number:	34799009				34799010				34799011				34799007			
Site	WHITING				WHITING				WHITING				WHITING			
Locator	30SB02-0-2				30SB02-10-12				30SB02-20-22				30SB03-0-2			
Collect Date:	04-JAN-93				04-JAN-93				04-JAN-93				04-JAN-93			
	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL
CLP METALS AND CYANIDE																
Aluminum	8190		mg/kg	40	965		mg/kg	40	127		mg/kg	40	18000		mg/kg	40
Antimony	5.6	U	mg/kg	12	5.4	U	mg/kg	12	5.1	U	mg/kg	12	5.7	U	mg/kg	12
Arsenic	4		mg/kg	2	2.2	J	mg/kg	2	.44	U	mg/kg	2	4.5		mg/kg	2
Barium	13.1	J	mg/kg	40	1.2	J	mg/kg	40	.1	UJ	mg/kg	40	12	J	mg/kg	40
Beryllium	.08	J	mg/kg	1	.06	U	mg/kg	1	.06	U	mg/kg	1	.06	U	mg/kg	1
Cadmium	.9	U	mg/kg	1	.87	U	mg/kg	1	.81	U	mg/kg	1	.91	U	mg/kg	1
Calcium	606	J	mg/kg	1000	156	J	mg/kg	1000	34.4	J	mg/kg	1000	473	J	mg/kg	1000
Chromium	17.2		mg/kg	2	.93	J	mg/kg	2	.63	J	mg/kg	2	20.6		mg/kg	2
Cobalt	1.6	J	mg/kg	10	.49	U	mg/kg	10	.46	U	mg/kg	10	1.8	J	mg/kg	10
Copper	1.1	J	mg/kg	5	.37	U	mg/kg	5	.6	J	mg/kg	5	2.2	J	mg/kg	5
Iron	13800		mg/kg	20	1770		mg/kg	20	113		mg/kg	20	18500		mg/kg	20
Lead	26.2		mg/kg	1	2.1		mg/kg	1	.27	J	mg/kg	1	9.3		mg/kg	1
Magnesium	112	J	mg/kg	1000	14	J	mg/kg	1000	7.3	U	mg/kg	1000	237	J	mg/kg	1000
Manganese	146		mg/kg	3	1.9	J	mg/kg	3	.29	J	mg/kg	3	23.2		mg/kg	3
Mercury	.03	J	mg/kg	.1	.02	U	mg/kg	.1	.01	U	mg/kg	.1	.02	J	mg/kg	.1
Nickel	2.8	U	mg/kg	8	2.7	U	mg/kg	8	2.6	U	mg/kg	8	2.9	U	mg/kg	8
Potassium	177	U	mg/kg	1000	113	U	mg/kg	1000	106	U	mg/kg	1000	122	J	mg/kg	1000
Selenium	2.1		mg/kg	1	.77	U	mg/kg	1	.72	U	mg/kg	1	1.7		mg/kg	1
Silver	.9	J	mg/kg	2	.53	U	mg/kg	2	.5	U	mg/kg	2	.89	J	mg/kg	2
Sodium	12.7	U	mg/kg	1000	12.2	U	mg/kg	1000	33.9	J	mg/kg	1000	12.9	U	mg/kg	1000
Thallium	.5	U	mg/kg	2	.48	U	mg/kg	2	.45	U	mg/kg	2	.51	U	mg/kg	2
Vanadium	37.4		mg/kg	10	7.2	J	mg/kg	10	.73	J	mg/kg	10	55		mg/kg	10
Zinc	1.6	J	mg/kg	4	.35	U	mg/kg	4	2.5	J	mg/kg	4	2.5	J	mg/kg	4
Cyanide	.48	J	mg/kg	1	.53	J	mg/kg	1	.51	J	mg/kg	1	.44	J	mg/kg	1

Lab Sample Number:	34799008				34799012				34799013				34807008			
Site	WHITING				WHITING				WHITING				WHITING			
Locator	30SB03-10-12				30SB04-0-2				30SB04-5-7				30SB4-10-12			
Collect Date:	04-JAN-93				04-JAN-93				04-JAN-93				05-JAN-93			
	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL
CLP METALS AND CYANIDE																
Aluminum	5000		mg/kg	40	12000		mg/kg	40	6550		mg/kg	40	15900		mg/kg	40
Antimony	5.5	U	mg/kg	12	5.9	U	mg/kg	12	6	U	mg/kg	12	5.7	U	mg/kg	12
Arsenic	1.1	J	mg/kg	2	5.2		mg/kg	2	.67	J	mg/kg	2	2.1	J	mg/kg	2
Barium	2.7	J	mg/kg	40	10	J	mg/kg	40	8.4	J	mg/kg	40	4.5	J	mg/kg	40
Beryllium	.06	U	mg/kg	1	.09	J	mg/kg	1	.07	U	mg/kg	1	.06	U	mg/kg	1
Cadmium	.88	U	mg/kg	1	.95		mg/kg	1	.97	U	mg/kg	1	.92	U	mg/kg	1
Calcium	131	J	mg/kg	1000	137	J	mg/kg	1000	190	J	mg/kg	1000	99.5	J	mg/kg	1000
Chromium	5.1		mg/kg	2	14.8		mg/kg	2	9.5		mg/kg	2	15.6		mg/kg	2
Cobalt	.5	U	mg/kg	10	2	J	mg/kg	10	1	J	mg/kg	10	1.2	J	mg/kg	10
Copper	1.1	J	mg/kg	5	1.8	J	mg/kg	5	1.1	J	mg/kg	5	4.4	J	mg/kg	5
Iron	5520		mg/kg	20	16300		mg/kg	20	12400		mg/kg	20	13900		mg/kg	20
Lead	2.2		mg/kg	1	66		mg/kg	1	22		mg/kg	1	4		mg/kg	.6
Magnesium	31.7	J	mg/kg	1000	61.2	J	mg/kg	1000	36	J	mg/kg	1000	56.6	J	mg/kg	1000
Manganese	7.5		mg/kg	3	15.9		mg/kg	3	26.3		mg/kg	3	10		mg/kg	3
Mercury	.02	U	mg/kg	.1	.02	U	mg/kg	.1	.03	J	mg/kg	.1	.02	U	mg/kg	.1
Nickel	2.8	U	mg/kg	8	3	U	mg/kg	8	3	U	mg/kg	8	2.9	U	mg/kg	8
Potassium	155	U	mg/kg	1000	202	J	mg/kg	1000	126	U	mg/kg	1000	119	U	mg/kg	1000
Selenium	.78	U	mg/kg	1	2.1		mg/kg	1	.85	U	mg/kg	1	.97	J	mg/kg	1
Silver	.67	J	mg/kg	2	.77	J	mg/kg	2	.94	J	mg/kg	2	.56	U	mg/kg	2
Sodium	12.4	U	mg/kg	1000	13.4	U	mg/kg	1000	13.6	U	mg/kg	1000	12.9	U	mg/kg	1000
Thallium	.49	U	mg/kg	2	.53	U	mg/kg	2	.54	U	mg/kg	2	.59	U	mg/kg	2
Vanadium	21.4		mg/kg	10	44.6		mg/kg	10	32.6		mg/kg	10	39.7		mg/kg	10
Zinc	.64	J	mg/kg	4	3.1	J	mg/kg	4	1.2	J	mg/kg	4	.86	J	mg/kg	4
Cyanide	.37	J	mg/kg	1	.49	J	mg/kg	1	.51	J	mg/kg	1	.45	J	mg/kg	.5

08/04/94 WHITING FIELD - SITE 30 - METALS/CYANIDE 14:34:53
SOIL BORINGS - VALIDATED DATA

Lab Sample Number:	34807009				34807010				34807023				34807024			
Site	WHITING				WHITING				WHITING				WHITING			
Locator	30SB4-15-17				30SB4-25-27				30SB5-0-2				30SB5-15-17			
Collect Date:	05-JAN-93				05-JAN-93				05-JAN-93				05-JAN-93			
	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL
CLP METALS AND CYANIDE																
Aluminum	115		mg/kg	40	105		mg/kg	40	12200		mg/kg	40	2720		mg/kg	40
Antimony	5.3	U	mg/kg	12	5.1	U	mg/kg	12	5.7	U	mg/kg	12	5.7	U	mg/kg	12
Arsenic	.22	UJ	mg/kg	2	.32	UJ	mg/kg	2	2.8		mg/kg	2	2	J	mg/kg	2
Barium	.2	J	mg/kg	40	.1	U	mg/kg	40	22.3	J	mg/kg	40	1.8	J	mg/kg	40
Beryllium	.06	U	mg/kg	1	.06	U	mg/kg	1	.13	J	mg/kg	1	.06	U	mg/kg	1
Cadmium	.85	U	mg/kg	1	.82	U	mg/kg	1	.91	U	mg/kg	1	.91	U	mg/kg	1
Calcium	139	J	mg/kg	1000	16.5	J	mg/kg	1000	1850		mg/kg	1000	7.6	U	mg/kg	1000
Chromium	1.5	J	mg/kg	2	1.7	J	mg/kg	2	12.1		mg/kg	2	4.4		mg/kg	2
Cobalt	.48	U	mg/kg	10	.47	U	mg/kg	10	2.3	J	mg/kg	10	.52	U	mg/kg	10
Copper	4.6	J	mg/kg	5	.75	J	mg/kg	5	2.5	J	mg/kg	5	.48	J	mg/kg	5
Iron	231		mg/kg	20	114		mg/kg	20	11100		mg/kg	20	4500		mg/kg	20
Lead	.27	U	mg/kg	.6	.21	U	mg/kg	.6	16		mg/kg	.6	1.9		mg/kg	.6
Magnesium	70.7	J	mg/kg	1000	7.4	U	mg/kg	1000	126	J	mg/kg	1000	8.9	J	mg/kg	1000
Manganese	.7	J	mg/kg	3	.12	U	mg/kg	3	558		mg/kg	3	9		mg/kg	3
Mercury	.02	U	mg/kg	.1	.02	U	mg/kg	.1	.06		mg/kg	.1	.04	J	mg/kg	.1
Nickel	2.7	U	mg/kg	8	2.6	U	mg/kg	8	3	J	mg/kg	8	2.9	U	mg/kg	8
Potassium	110	U	mg/kg	1000	107	U	mg/kg	1000	127	J	mg/kg	1000	119	U	mg/kg	1000
Selenium	.46	U	mg/kg	1	.44	U	mg/kg	1	.49	U	mg/kg	1	4.9	U	mg/kg	1
Silver	.52	U	mg/kg	2	.5	U	mg/kg	2	.56	U	mg/kg	2	.56	U	mg/kg	2
Sodium	11.9	U	mg/kg	1000	11.6	U	mg/kg	1000	14.3	J	mg/kg	1000	12.9	U	mg/kg	1000
Thallium	.54	U	mg/kg	2	.53	U	mg/kg	2	.59	U	mg/kg	2	.59	U	mg/kg	2
Vanadium	.99	J	mg/kg	10	1.1	J	mg/kg	10	29.3		mg/kg	10	12.4		mg/kg	10
Zinc	2.3	J	mg/kg	4	.56	J	mg/kg	4	4.6		mg/kg	4	.5	J	mg/kg	4
Cyanide	.48	J	mg/kg	.5	.48	J	mg/kg	.5	.53	J	mg/kg	.5	.46	J	mg/kg	.5

SOIL BORINGS - VALIDATED DATA

Lab Sample Number:	34807021				34807022				34807011				34807012			
Site	WHITING				WHITING				WHITING				WHITING			
Locator	30SB6-0-2				30SB6-10-12				30SB7-0-2				30SB7-10-12			
Collect Date:	05-JAN-93				05-JAN-93				05-JAN-93				05-JAN-93			
	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL
CLP METALS AND CYANIDE																
Aluminum	12600		mg/kg	40	3230		mg/kg	40	12200		mg/kg	40	5720		mg/kg	40
Antimony	5.6	U	mg/kg	12	5.7	U	mg/kg	12	5.7	U	mg/kg	12	5.7	U	mg/kg	12
Arsenic	4.4		mg/kg	2	8.6		mg/kg	2	3.3		mg/kg	2	6		mg/kg	2
Barium	20.4	J	mg/kg	40	4.7	J	mg/kg	40	26.1	J	mg/kg	40	6.8	J	mg/kg	40
Beryllium	.14	J	mg/kg	1	.06	U	mg/kg	1	.13	J	mg/kg	1	.06	U	mg/kg	1
Cadmium	.9	U	mg/kg	1	.92	U	mg/kg	1	.91	U	mg/kg	1	.91	U	mg/kg	1
Calcium	262	J	mg/kg	1000	7.6	U	mg/kg	1000	976	J	mg/kg	1000	65.4	J	mg/kg	1000
Chromium	10.5		mg/kg	2	7.5		mg/kg	2	8.4		mg/kg	2	15.4		mg/kg	2
Cobalt	4.4	J	mg/kg	10	2.3	J	mg/kg	10	2.4	J	mg/kg	10	1.9	J	mg/kg	10
Copper	1.4	J	mg/kg	5	.39	U	mg/kg	5	2.7	J	mg/kg	5	.39	U	mg/kg	5
Iron	12700		mg/kg	20	19800		mg/kg	20	8250		mg/kg	20	15900		mg/kg	20
Lead	9.5		mg/kg	.6	9.4		mg/kg	.6	7.4		mg/kg	.6	7.1		mg/kg	.6
Magnesium	87.2	J	mg/kg	1000	43.9	J	mg/kg	1000	110	J	mg/kg	1000	49.7	J	mg/kg	1000
Manganese	336		mg/kg	3	88.1		mg/kg	3	898		mg/kg	3	26.7		mg/kg	3
Mercury	.04	J	mg/kg	.1	.02	J	mg/kg	.1	.05	J	mg/kg	.1	.02	J	mg/kg	.1
Nickel	2.8	U	mg/kg	8	2.9	U	mg/kg	8	3.3	J	mg/kg	8	2.9	U	mg/kg	8
Potassium	117	U	mg/kg	1000	120	U	mg/kg	1000	185	J	mg/kg	1000	118	U	mg/kg	1000
Selenium	1.4		mg/kg	1	1.8		mg/kg	1	1.9		mg/kg	1	3.1		mg/kg	1
Silver	.55	U	mg/kg	2	.84	J	mg/kg	2	.56	U	mg/kg	2	.56	U	mg/kg	2
Sodium	12.7	U	mg/kg	1000	12.9	U	mg/kg	1000	13.7	J	mg/kg	1000	12.8	U	mg/kg	1000
Thallium	.58	U	mg/kg	2	5.9	U	mg/kg	2	.58	U	mg/kg	2	.58	U	mg/kg	2
Vanadium	33		mg/kg	10	40.4		mg/kg	10	21.1		mg/kg	10	43.9		mg/kg	10
Zinc	2.2	J	mg/kg	4	.37	U	mg/kg	4	4.1	J	mg/kg	4	.88	J	mg/kg	4
Cyanide	.55	J	mg/kg	.5	.53	J	mg/kg	.5	.6	J	mg/kg	.5	.52	J	mg/kg	.5

08/04/94 WHITING FIELD SITE 30 - TPH 14:39:55
SOIL BORINGS - VALIDATED DATA

Lab Sample Number:	34607006			34607007			34607008			34607009		
Site	WHITING			WHITING			WHITING			WHITING		
Locator	30SB1-2-4			30SB1-2-4A			30SB1-5-7			30SB1-10-12		
Collect Date:	06-DEC-92			06-DEC-92			06-DEC-92			06-DEC-92		
	VALUE	QUAL UNITS	DL	VALUE	QUAL UNITS	DL	VALUE	QUAL UNITS	DL	VALUE	QUAL UNITS	DL
TOTAL PETROLEUM HYDROCARBON												
Total petroleum hydrocarbon	244	mg/kg		122	mg/kg		65.8	mg/kg		5300	mg/kg	

Lab Sample Number:	34607010			34607013			34607014			34799009		
Site	WHITING			WHITING			WHITING			WHITING		
Locator	30SB1-15-17			30SB1-35-37			30SB1-60-62			30SB02-0-2		
Collect Date:	06-DEC-92			06-DEC-92			06-DEC-92			04-JAN-93		
	VALUE	QUAL UNITS	DL	VALUE	QUAL UNITS	DL	VALUE	QUAL UNITS	DL	VALUE	QUAL UNITS	DL
TOTAL PETROLEUM HYDROCARBON												
Total petroleum hydrocarbon	460	mg/kg		21.6	mg/kg		5.7	mg/kg		9610	mg/kg	

08/04/94 WHITING FIELD SITE 30 - TPH 14:39:55
SOIL BORINGS - VALIDATED DATA

Lab Sample Number:	34799010			34799011			34799007			34799008		
Site	WHITING			WHITING			WHITING			WHITING		
Locator	30SB02-10-12			30SB02-20-22			30SB03-0-2			30SB03-10-12		
Collect Date:	04-JAN-93			04-JAN-93			04-JAN-93			04-JAN-93		
	VALUE	QUAL UNITS	DL	VALUE	QUAL UNITS	DL	VALUE	QUAL UNITS	DL	VALUE	QUAL UNITS	DL
TOTAL PETROLEUM HYDROCARBON												
Total petroleum hydrocarbon	865	mg/kg		103	mg/kg		2660	mg/kg		50.2	mg/kg	

08/04/94 WHITING FIELD SITE 30 - TPH 14:39:55
SOIL BORINGS - VALIDATED DATA

Lab Sample Number:	34799012			34799013			34807008			34807009		
Site	WHITING			WHITING			WHITING			WHITING		
Locator	30SB04-0-2			30SB04-5-7			30SB4-10-12			30SB4-15-17		
Collect Date:	04-JAN-93			04-JAN-93			05-JAN-93			05-JAN-93		
	VALUE	QUAL UNITS	DL	VALUE	QUAL UNITS	DL	VALUE	QUAL UNITS	DL	VALUE	QUAL UNITS	DL
TOTAL PETROLEUM HYDROCARBON												
Total petroleum hydrocarbon	855	mg/kg		21200	mg/kg		89.7	mg/kg		3760	mg/kg	

08/04/94 WHITING FIELD - SITE 30 - TPH 14:39:55
SOIL BORINGS - VALIDATED DATA

Lab Sample Number:		34807010			34807023			34807024			34807021			
Site		WHITING			WHITING			WHITING			WHITING			
Locator		30SB4-25-27			30SB5-0-2			30SB5-15-17			30SB6-0-2			
Collect Date:		05-JAN-93			05-JAN-93			05-JAN-93			05-JAN-93			
	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL
TOTAL PETROLEUM HYDROCARBON																
Total petroleum hydrocarbon	97.8		mg/kg		1.9	U	mg/kg	1.9	2.7		mg/kg		20.8		mg/kg	

08/04/94 WHITING FIELD - SITE 30 - TPH 14:39:55
SOIL BORINGS - VALIDATED DATA

Lab Sample Number:		34807022				34807011				34807012		
Site		WHITING				WHITING				WHITING		
Locator		30SB6-10-12				30SB7-0-2				30SB7-10-12		
Collect Date:		05-JAN-93				05-JAN-93				05-JAN-93		
	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL
TOTAL PETROLEUM HYDROCARBON												
Total petroleum hydrocarbon	1.9	U	mg/kg	1.9	2.7		mg/kg		4.3		mg/kg	

SITE 32

Lab Sample Number:	34836005			34836008			
Site	WHITING			WHITING			
Locator	32SB1-1-2			32SB1-5-7			
Collect Date:	09-JAN-93			09-JAN-93			
	VALUE	QUAL	UNITS	VALUE	QUAL	UNITS	
CLP VOLATILES 90-SOW							
Chloromethane	12	U	ug/kg	12	U	ug/kg	
Bromomethane	12	U	ug/kg	12	U	ug/kg	
Vinyl chloride	12	U	ug/kg	12	U	ug/kg	
Chloroethane	12	U	ug/kg	12	U	ug/kg	
Methylene chloride	12	UJ	ug/kg	12	UJ	ug/kg	
Acetone	12	U	ug/kg	2	J	ug/kg	
Carbon disulfide	12	U	ug/kg	12	U	ug/kg	
1,1-Dichloroethene	12	U	ug/kg	12	U	ug/kg	
1,1-Dichloroethane	12	U	ug/kg	12	U	ug/kg	
1,2-Dichloroethene (total)	12	U	ug/kg	12	U	ug/kg	
Chloroform	12	U	ug/kg	12	U	ug/kg	
1,2-Dichloroethane	12	U	ug/kg	12	U	ug/kg	
2-Butanone	12	U	ug/kg	12	U	ug/kg	
1,1,1-Trichloroethane	12	U	ug/kg	12	U	ug/kg	
Carbon tetrachloride	12	U	ug/kg	12	U	ug/kg	
Bromodichloromethane	12	U	ug/kg	12	U	ug/kg	
1,2-Dichloropropane	12	U	ug/kg	12	U	ug/kg	
cis-1,3-Dichloropropene	12	U	ug/kg	12	U	ug/kg	
Trichloroethene	2	J	ug/kg	12	U	ug/kg	
Dibromochloromethane	12	U	ug/kg	12	U	ug/kg	
1,1,2-Trichloroethane	12	U	ug/kg	12	U	ug/kg	
Benzene	12	U	ug/kg	12	U	ug/kg	
trans-1,3-Dichloropropene	12	U	ug/kg	12	U	ug/kg	
Bromoform	12	U	ug/kg	12	U	ug/kg	
4-Methyl-2-pentanone	12	U	ug/kg	12	U	ug/kg	
2-Hexanone	12	U	ug/kg	12	U	ug/kg	
Tetrachloroethene	12	U	ug/kg	12	U	ug/kg	
Toluene	12	U	ug/kg	12	U	ug/kg	
1,1,2,2-Tetrachloroethane	12	U	ug/kg	12	U	ug/kg	
Chlorobenzene	12	U	ug/kg	12	U	ug/kg	
Ethylbenzene	12	U	ug/kg	12	U	ug/kg	
Styrene	12	U	ug/kg	12	U	ug/kg	
Xylenes (total)	12	U	ug/kg	12	U	ug/kg	

08/01/93 WHITING FIELD ANALYTICAL RESULT REPORT 17:14:45
SOIL BORING -- VOLATILES - VALIDATED RESULTS

Lab Sample Number:	34836009				34836009				34848016				34848016			
Site	WHITING				WHITING				WHITING				WHITING			
Locator	32SB1-10-12				32SB1-10-12				32SB1-20-22				32SB1-20-22			
Collect Date:	09-JAN-93				09-JAN-93				12-JAN-93				12-JAN-93			
	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL
CLP VOLATILES 90-SOW																
Chloromethane	12	U	ug/kg	12	-				11	U	ug/kg	11	-			
Bromomethane	12	U	ug/kg	12	-				11	U	ug/kg	11	-			
Vinyl chloride	12	U	ug/kg	12	-				11	U	ug/kg	11	-			
Chloroethane	12	U	ug/kg	12	-				11	U	ug/kg	11	-			
Methylene chloride	12	UJ	ug/kg	12	-				11	U	ug/kg	11	-			
Acetone	12	U	ug/kg	12	-				65		ug/kg	11	-			
Carbon disulfide	12	U	ug/kg	12	-				11	U	ug/kg	11	-			
1,1-Dichloroethene	12	U	ug/kg	12	-				11	U	ug/kg	11	-			
1,1-Dichloroethane	12	U	ug/kg	12	-				11	U	ug/kg	11	-			
1,2-Dichloroethene (total)	12	U	ug/kg	12	-				11	U	ug/kg	11	-			
Chloroform	12	U	ug/kg	12	-				11	U	ug/kg	11	-			
1,2-Dichloroethane	12	U	ug/kg	12	-				11	U	ug/kg	11	-			
2-Butanone	12	U	ug/kg	12	-				11	U	ug/kg	11	-			
1,1,1-Trichloroethane	12	U	ug/kg	12	-				11	U	ug/kg	11	-			
Carbon tetrachloride	12	U	ug/kg	12	-				11	U	ug/kg	11	-			
Bromodichloromethane	12	U	ug/kg	12	-				11	U	ug/kg	11	-			
1,2-Dichloropropane	12	U	ug/kg	12	-				11	U	ug/kg	11	-			
cis-1,3-Dichloropropene	12	U	ug/kg	12	-				11	U	ug/kg	11	-			
Trichloroethene	12	U	ug/kg	12	-				11	U	ug/kg	11	-			
Dibromochloromethane	12	U	ug/kg	12	-				11	U	ug/kg	11	-			
1,1,2-Trichloroethane	12	U	ug/kg	12	-				11	U	ug/kg	11	-			
Benzene	12	U	ug/kg	12	-				11	U	ug/kg	11	-			
trans-1,3-Dichloropropene	12	U	ug/kg	12	-				11	U	ug/kg	11	-			
Bromoform	12	U	ug/kg	12	-				11	U	ug/kg	11	-			
4-Methyl-2-pentanone	12	U	ug/kg	12	-				11	U	ug/kg	11	-			
2-Hexanone	12	U	ug/kg	12	-				11	U	ug/kg	11	-			
Tetrachloroethene	12	U	ug/kg	12	-				11	U	ug/kg	11	-			
Toluene	12	U	ug/kg	12	-				11	U	ug/kg	11	-			
1,1,2,2-Tetrachloroethane	12	U	ug/kg	12	-				11	U	ug/kg	11	-			
Chlorobenzene	12	U	ug/kg	12	-				11	U	ug/kg	11	-			
Ethylbenzene	12	U	ug/kg	12	-				11	U	ug/kg	11	-			
Styrene	12	U	ug/kg	12	-				11	U	ug/kg	11	-			
Xylenes (total)	12	U	ug/kg	12	-				11	U	ug/kg	11	-			

U = NOT DETECTED J = ESTIMATED VALUE
UJ = REPORTED QUANTITATION LIMIT IS QUALIFIED AS ESTIMATED
R - ULT IS REJECTED AND UNUSABLE

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

32SB1-15-17

Name: CH2M HILL/LRD Contract: V34837

Lab: _____ Case No.: V34837 SAS No.: _____ SDG No.: GC-MS

Matrix: (soil/water) SOIL Lab Sample ID: 34837001

Sample wt/vol: 5.0 (g/mL) G Lab File ID: 93M2V01041

Level: (low/med) LOW Date Received: 01/11/93

% Moisture: not dec. 13 Date Analyzed: 01/12/93

GC Column: CAP ID: 0.530 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
74-87-3	Chloromethane	11	U
74-83-9	Bromomethane	11	U
75-01-4	Vinyl chloride	11	U
75-00-3	Chloroethane	11	U
75-09-2	Methylene chloride	3	BJ
67-64-1	Acetone	3	J
75-15-0	Carbon disulfide	11	U
75-35-4	1,1-Dichloroethene	11	U
75-34-3	1,1-Dichloroethane	11	U
540-59-0	1,2-Dichloroethene (total)	11	U
67-66-3	Chloroform	11	U
107-06-2	1,2-Dichloroethane	11	U
78-93-3	2-Butanone	11	U
71-55-6	1,1,1-Trichloroethane	11	U
56-23-5	Carbon tetrachloride	11	U
75-27-4	Bromodichloromethane	11	U
78-87-5	1,2-Dichloropropane	11	U
10061-01-5	cis-1,3-Dichloropropene	11	U
79-01-6	Trichloroethene	11	U
124-48-1	Dibromochloromethane	11	U
79-00-5	1,1,2-Trichloroethane	11	U
71-43-2	Benzene	11	U
10061-02-6	trans-1,3-Dichloropropene	11	U
75-25-2	Bromoform	11	U
591-78-6	2-Hexanone	11	U
108-10-1	4-Methyl-2-pentanone	11	U
127-18-4	Tetrachloroethene	11	U
79-34-5	1,1,2,2-Tetrachloroethane	11	U
108-88-3	Toluene	11	U
108-90-7	Chlorobenzene	11	U
100-41-4	Ethylbenzene	11	U
100-42-5	Styrene	11	U
1330-20-7	Xylenes (total)	11	U

BK

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

32SB1-15-17

Lab Name: CH2M HILL/LRD Contract: V34837

Lab Code: _____ Case No.: V34837 SAS No.: _____ SDG No.: GC-MS

Matrix: (soil/water) SOIL Lab Sample ID: 34837001

Sample wt/vol: 5.0 (g/mL) G Lab File ID: 93M2VO1041

Level: (low/med) LOW Date Received: 01/11/93

% Moisture: not dec. 13 Date Analyzed: 01/12/93

GC Column: CAP ID: 0.530 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____(uL)

Number TICs found: 0 CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

32SB1-15-17A

Name: CH2M HILL/LRD Contract: V34837

ode: _____ Case No.: V34837 SAS No.: _____ SDG No.: GC-MS

Matrix: (soil/water) SOIL Lab Sample ID: 34837002

Sample wt/vol: 5.0 (g/mL) G Lab File ID: 93M2VO1042

Level: (low/med) LOW Date Received: 01/11/93

% Moisture: not dec. 14 Date Analyzed: 01/12/93

GC Column: CAP ID: 0.530 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
74-87-3	Chloromethane	12	U
74-83-9	Bromomethane	12	U
75-01-4	Vinyl chloride	12	U
75-00-3	Chloroethane	12	U
75-09-2	Methylene chloride	4	BJ
67-64-1	Acetone	8	J
75-15-0	Carbon disulfide	12	U
75-35-4	1,1-Dichloroethene	12	U
75-34-3	1,1-Dichloroethane	12	U
540-59-0	1,2-Dichloroethene (total)	12	U
67-66-3	Chloroform	12	U
107-06-2	1,2-Dichloroethane	12	U
78-93-3	2-Butanone	12	U
71-55-6	1,1,1-Trichloroethane	12	U
56-23-5	Carbon tetrachloride	12	U
75-27-4	Bromodichloromethane	12	U
78-87-5	1,2-Dichloropropane	12	U
10061-01-5	cis-1,3-Dichloropropene	12	U
79-01-6	Trichloroethene	12	U
124-48-1	Dibromochloromethane	12	U
79-00-5	1,1,2-Trichloroethane	12	U
71-43-2	Benzene	12	U
10061-02-6	trans-1,3-Dichloropropene	12	U
75-25-2	Bromoform	12	U
591-78-6	2-Hexanone	12	U
108-10-1	4-Methyl-2-pentanone	12	U
127-18-4	Tetrachloroethene	12	U
79-34-5	1,1,2,2-Tetrachloroethane	12	U
108-88-3	Toluene	12	U
108-90-7	Chlorobenzene	12	U
100-41-4	Ethylbenzene	12	U
100-42-5	Styrene	12	U
1330-20-7	Xylenes (total)	12	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

32SB1-15-17

Lab Name: CH2M HILL/LRD Contract: V34837

Lab Code: _____ Case No.: V34837 SAS No.: _____ SDG No.: GC-MS

Matrix: (soil/water) SOIL Lab Sample ID: 34837002

Sample wt/vol: 5.0 (g/mL) G Lab File ID: 93M2VO1042

Level: (low/med) LOW Date Received: 01/11/93

% Moisture: not dec. 14 Date Analyzed: 01/12/93

GC Column: CAP ID: 0.530 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

Number TICs found: 0 CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q

08/01/93 WHITING FIELD ANALYTICAL RESULT REPORT 17:14:45
SOIL BORING -- VOLATILES - VALIDATED RESULTS

Lab Sample Number:	34846009				34846009				34846009				34848017			
Site	WHITING				WHITING				WHITING				WHITING			
Locator	32SB1-25-27				32SB1-25-27				32SB1-25-27				32SB1-35-37			
Collect Date:	12-JAN-93				12-JAN-93				12-JAN-93				12-JAN-93			
	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL
CLP VOLATILES 90-SOW																
Chloromethane	-				12	UJ	ug/kg		12	-			10	U	ug/kg	10
Bromomethane	-				12	U	ug/kg		12	-			10	U	ug/kg	10
Vinyl chloride	-				12	U	ug/kg		12	-			10	U	ug/kg	10
Chloroethane	-				12	U	ug/kg		12	-			10	U	ug/kg	10
Methylene chloride	-				12	U	ug/kg		12	-			10	U	ug/kg	10
Acetone	-				34		ug/kg		12	-			69		ug/kg	10
Carbon disulfide	-				12	U	ug/kg		12	-			10	U	ug/kg	10
1,1-Dichloroethene	-				12	U	ug/kg		12	-			10	U	ug/kg	10
1,1-Dichloroethane	-				12	U	ug/kg		12	-			10	U	ug/kg	10
1,2-Dichloroethene (total)	-				12	U	ug/kg		12	-			10	U	ug/kg	10
Chloroform	-				12	U	ug/kg		12	-			10	U	ug/kg	10
1,2-Dichloroethane	-				12	U	ug/kg		12	-			10	U	ug/kg	10
2-Butanone	-				12	U	ug/kg		12	-			10	U	ug/kg	10
1,1,1-Trichloroethane	-				12	U	ug/kg		12	-			10	U	ug/kg	10
Carbon tetrachloride	-				12	U	ug/kg		12	-			10	U	ug/kg	10
Bromodichloromethane	-				12	U	ug/kg		12	-			10	U	ug/kg	10
1,2-Dichloropropane	-				12	U	ug/kg		12	-			10	U	ug/kg	10
cis-1,3-Dichloropropene	-				12	U	ug/kg		12	-			10	U	ug/kg	10
Trichloroethene	-				12	U	ug/kg		12	-			10	U	ug/kg	10
Dibromochloromethane	-				12	U	ug/kg		12	-			10	U	ug/kg	10
1,1,2-Trichloroethane	-				12	U	ug/kg		12	-			10	U	ug/kg	10
Benzene	-				12	U	ug/kg		12	-			10	U	ug/kg	10
trans-1,3-Dichloropropene	-				12	U	ug/kg		12	-			10	U	ug/kg	10
Bromoform	-				12	U	ug/kg		12	-			10	U	ug/kg	10
4-Methyl-2-pentanone	-				12	U	ug/kg		12	-			10	U	ug/kg	10
2-Hexanone	-				12	U	ug/kg		12	-			10	U	ug/kg	10
Tetrachloroethene	-				12	U	ug/kg		12	-			10	U	ug/kg	10
Toluene	-				12	U	ug/kg		12	-			10	U	ug/kg	10
1,1,2,2-Tetrachloroethane	-				12	U	ug/kg		12	-			10	U	ug/kg	10
Chlorobenzene	-				12	U	ug/kg		12	-			10	U	ug/kg	10
Ethylbenzene	-				12	U	ug/kg		12	-			10	U	ug/kg	10
Styrene	-				12	U	ug/kg		12	-			10	U	ug/kg	10
Xylenes (total)	-				12	U	ug/kg		12	-			10	U	ug/kg	10

U = NOT DETECTED J = ESTIMATED VALUE
UJ = REPORTED QUANTITATION LIMIT IS QUALIFIED AS ESTIMATED
R = RESULT IS REJECTED AND UNUSABLE

08/01/93 WHITING FIELD ANALYTICAL RESULT REPORT 17:14:45
SOIL BORING -- VOLATILES - VALIDATED RESULTS

Lab Sample Number:	34848017				34848018				34848018				34836008			
Site	WHITING				WHITING				WHITING				WHITING			
Locator	32SB1-35-37				32SB1-35-37A				32SB1-35-37A				32SB1-5-7			
Collect Date:	12-JAN-93				12-JAN-93				12-JAN-93				09-JAN-93			
	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL
CLP VOLATILES 90-SOW																
Chloromethane	-				11	U	ug/kg	11	-				12	U	ug/kg	12
Bromomethane	-				11	U	ug/kg	11	-				12	U	ug/kg	12
Vinyl chloride	-				11	U	ug/kg	11	-				12	U	ug/kg	12
Chloroethane	-				11	U	ug/kg	11	-				12	U	ug/kg	12
Methylene chloride	-				11	U	ug/kg	11	-				12	UJ	ug/kg	12
Acetone	-				44		ug/kg	10	-				2	J	ug/kg	12
Carbon disulfide	-				11	U	ug/kg	11	-				12	U	ug/kg	12
1,1-Dichloroethene	-				11	U	ug/kg	11	-				12	U	ug/kg	12
1,1-Dichloroethane	-				11	U	ug/kg	11	-				12	U	ug/kg	12
1,2-Dichloroethene (total)	-				11	U	ug/kg	11	-				12	U	ug/kg	12
Chloroform	-				11	U	ug/kg	11	-				12	U	ug/kg	12
1,2-Dichloroethane	-				11	U	ug/kg	11	-				12	U	ug/kg	12
2-Butanone	-				11	U	ug/kg	11	-				12	U	ug/kg	12
1,1,1-Trichloroethane	-				11	U	ug/kg	11	-				12	U	ug/kg	12
Carbon tetrachloride	-				11	U	ug/kg	11	-				12	U	ug/kg	12
Bromodichloromethane	-				11	U	ug/kg	11	-				12	U	ug/kg	12
1,2-Dichloropropane	-				11	U	ug/kg	11	-				12	U	ug/kg	12
cis-1,3-Dichloropropene	-				11	U	ug/kg	11	-				12	U	ug/kg	12
Trichloroethene	-				11	U	ug/kg	11	-				12	U	ug/kg	12
Dibromochloromethane	-				11	U	ug/kg	11	-				12	U	ug/kg	12
1,1,2-Trichloroethane	-				11	U	ug/kg	11	-				12	U	ug/kg	12
Benzene	-				11	U	ug/kg	11	-				12	U	ug/kg	12
trans-1,3-Dichloropropene	-				11	U	ug/kg	11	-				12	U	ug/kg	12
Bromoform	-				11	U	ug/kg	11	-				12	U	ug/kg	12
4-Methyl-2-pentanone	-				11	U	ug/kg	11	-				12	U	ug/kg	12
2-Hexanone	-				11	U	ug/kg	11	-				12	U	ug/kg	12
Tetrachloroethene	-				11	U	ug/kg	11	-				12	U	ug/kg	12
Toluene	-				11	U	ug/kg	11	-				12	U	ug/kg	12
1,1,2,2-Tetrachloroethane	-				11	U	ug/kg	11	-				12	U	ug/kg	12
Chlorobenzene	-				11	U	ug/kg	11	-				12	U	ug/kg	12
Ethylbenzene	-				11	U	ug/kg	11	-				12	U	ug/kg	12
Styrene	-				11	U	ug/kg	11	-				12	U	ug/kg	12
Xylenes (total)	-				11	U	ug/kg	11	-				12	U	ug/kg	12

U = NOT DETECTED J = ESTIMATED VALUE
UJ = REPORTED QUANTITATION LIMIT IS QUALIFIED AS ESTIMATED
R = RESULT IS REJECTED AND UNUSABLE

08/01/93 WHITING FIELD ANALYTICAL RESULT REPORT 17:14:45
SOIL BORING -- VOLATILES - VALIDATED RESULTS

Lab Sample Number:	34846010			34846010				
Site	WHITING			WHITING				
Locator	32SB1-50-52			32SB1-50-52				
Collect Date:	12-JAN-93			12-JAN-93				
	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL
CLP VOLATILES 90-SOW								
Chloromethane	-				11	UJ	ug/kg	11
Bromomethane	-				11	U	ug/kg	11
Vinyl chloride	-				11	U	ug/kg	11
Chloroethane	-				11	U	ug/kg	11
Methylene chloride	-				11	U	ug/kg	11
Acetone	-				44		ug/kg	10
Carbon disulfide	-				11	U	ug/kg	11
1,1-Dichloroethene	-				11	U	ug/kg	11
1,1-Dichloroethane	-				11	U	ug/kg	11
1,2-Dichloroethene (total)	-				11	U	ug/kg	11
Chloroform	-				11	U	ug/kg	11
1,2-Dichloroethane	-				11	U	ug/kg	11
2-Butanone	-				11	U	ug/kg	11
1,1,1-Trichloroethane	-				11	U	ug/kg	11
Carbon tetrachloride	-				11	U	ug/kg	11
Bromodichloromethane	-				11	U	ug/kg	11
1,2-Dichloropropane	-				11	U	ug/kg	11
cis-1,3-Dichloropropene	-				11	U	ug/kg	11
Trichloroethene	-				11	U	ug/kg	11
Dibromochloromethane	-				11	U	ug/kg	11
1,1,2-Trichloroethane	-				11	U	ug/kg	11
Benzene	-				11	U	ug/kg	11
trans-1,3-Dichloropropene	-				11	U	ug/kg	11
Bromoform	-				11	U	ug/kg	11
4-Methyl-2-pentanone	-				11	U	ug/kg	11
2-Hexanone	-				11	U	ug/kg	11
Tetrachloroethene	-				11	U	ug/kg	11
Toluene	-				11	U	ug/kg	11
1,1,2,2-Tetrachloroethane	-				11	U	ug/kg	11
Chlorobenzene	-				11	U	ug/kg	11
Ethylbenzene	-				11	U	ug/kg	11
Styrene	-				11	U	ug/kg	11
Xylenes (total)	-				11	U	ug/kg	11

U = NOT DETECTED J = ESTIMATED VALUE
UJ = REPORTED QUANTITATION LIMIT IS QUALIFIED AS ESTIMATED
R = RESULT IS REJECTED AND UNUSABLE

06/29/94 WHITING FIELD - SITE 32 - TCL VOCS 09:33:01
SOIL BORINGS

Lab Sample Number:	34836010
Site	WHITING
Locator	32SB2-0-2
Collect Date:	09-JAN-93

	VALUE	QUAL	UNITS
CLP VOLATILES 90-SOW			
Chloromethane	11	U	ug/kg
Bromomethane	11	U	ug/kg
Vinyl chloride	11	U	ug/kg
Chloroethane	11	U	ug/kg
Methylene chloride	11	UJ	ug/kg
Acetone	3	J	ug/kg
Carbon disulfide	11	U	ug/kg
1,1-Dichloroethene	11	U	ug/kg
1,1-Dichloroethane	11	U	ug/kg
1,2-Dichloroethene (total)	11	U	ug/kg
Chloroform	11	U	ug/kg
1,2-Dichloroethane	11	U	ug/kg
2-Butanone	11	U	ug/kg
1,1,1-Trichloroethane	11	U	ug/kg
Carbon tetrachloride	11	U	ug/kg
Bromodichloromethane	11	U	ug/kg
1,2-Dichloropropane	11	U	ug/kg
cis-1,3-Dichloropropene	11	U	ug/kg
Trichloroethene	1	J	ug/kg
Dibromochloromethane	11	U	ug/kg
1,1,2-Trichloroethane	11	U	ug/kg
Benzene	11	U	ug/kg
trans-1,3-Dichloropropene	11	U	ug/kg
Bromoform	11	U	ug/kg
4-Methyl-2-pentanone	11	U	ug/kg
2-Hexanone	11	U	ug/kg
Tetrachloroethene	11	U	ug/kg
Toluene	11	U	ug/kg
1,1,2,2-Tetrachloroethane	11	U	ug/kg
Chlorobenzene	11	U	ug/kg
Ethylbenzene	11	U	ug/kg
Styrene	11	U	ug/kg
Xylenes (total)	11	U	ug/kg

08/01/93 WHITING FIELD ANALYTICAL RESULT REPORT 17:16:36
SOIL BORING -- VOLATILES - VALIDATED RESULTS

Lab Sample Number:	34846006				34846006				34846008				34846008			
Site	WHITING				WHITING				WHITING				WHITING			
Locator	32SB2-5-7				32SB2-5-7				32SB2-12-14				32SB2-12-14			
Collect Date:	12-JAN-93				12-JAN-93				12-JAN-93				12-JAN-93			
	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL
CLP VOLATILES 90-SOW																
Chloromethane	-				11	UJ	ug/kg	11	-				12	UJ	ug/kg	12
Bromomethane	-				11	U	ug/kg	11	-				12	U	ug/kg	12
Vinyl chloride	-				11	U	ug/kg	11	-				12	U	ug/kg	12
Chloroethane	-				11	U	ug/kg	11	-				12	U	ug/kg	12
Methylene chloride	-				11	U	ug/kg	11	-				12	U	ug/kg	12
Acetone	-				110		ug/kg	11	-				130		ug/kg	12
Carbon disulfide	-				11	U	ug/kg	11	-				12	U	ug/kg	12
1,1-Dichloroethene	-				11	U	ug/kg	11	-				12	U	ug/kg	12
1,1-Dichloroethane	-				11	U	ug/kg	11	-				12	U	ug/kg	12
1,2-Dichloroethene (total)	-				11	U	ug/kg	11	-				12	U	ug/kg	12
Chloroform	-				11	U	ug/kg	11	-				12	U	ug/kg	12
1,2-Dichloroethane	-				11	U	ug/kg	11	-				12	U	ug/kg	12
2-Butanone	-				11	U	ug/kg	11	-				12	U	ug/kg	12
1,1,1-Trichloroethane	-				11	U	ug/kg	11	-				12	U	ug/kg	12
Carbon tetrachloride	-				11	U	ug/kg	11	-				12	U	ug/kg	12
Bromodichloromethane	-				11	U	ug/kg	11	-				12	U	ug/kg	12
1,2-Dichloropropane	-				11	U	ug/kg	11	-				12	U	ug/kg	12
cis-1,3-Dichloropropene	-				11	U	ug/kg	11	-				12	U	ug/kg	12
Trichloroethene	-				11	U	ug/kg	11	-				12	U	ug/kg	12
Dibromochloromethane	-				11	U	ug/kg	11	-				12	U	ug/kg	12
1,1,2-Trichloroethane	-				11	U	ug/kg	11	-				12	U	ug/kg	12
Benzene	-				11	U	ug/kg	11	-				12	U	ug/kg	12
trans-1,3-Dichloropropene	-				11	U	ug/kg	11	-				12	U	ug/kg	12
Bromoform	-				11	U	ug/kg	11	-				12	U	ug/kg	12
4-Methyl-2-pentanone	-				11	U	ug/kg	11	-				12	U	ug/kg	12
2-Hexanone	-				11	U	ug/kg	11	-				12	U	ug/kg	12
Tetrachloroethene	-				11	U	ug/kg	11	-				12	U	ug/kg	12
Toluene	-				11	U	ug/kg	11	-				12	U	ug/kg	12
1,1,2,2-Tetrachloroethane	-				11	U	ug/kg	11	-				12	U	ug/kg	12
Chlorobenzene	-				11	U	ug/kg	11	-				12	U	ug/kg	12
Ethylbenzene	-				11	U	ug/kg	11	-				12	U	ug/kg	12
Styrene	-				11	U	ug/kg	11	-				12	U	ug/kg	12
Xylenes (total)	-				11	U	ug/kg	11	-				12	U	ug/kg	12

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08/01/93 WHITING FIELD ANALYTICAL RESULT REPORT 17:17:20
SOIL BORING -- VOLATILES - VALIDATED RESULTS

Lab Sample Number:	34846002				34846002				34846003				34846003			
Site	WHITING				WHITING				WHITING				WHITING			
Locator	32SB3-0-2				32SB3-0-2				32SB3-0-2A				32SB3-0-2A			
Collect Date:	12-JAN-93				12-JAN-93				12-JAN-93				12-JAN-93			
	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL
CLP VOLATILES 90-SOW																
Chloromethane	-				55	UJ	ug/kg	55	-				55	UJ	ug/kg	55
Bromomethane	-				55	U	ug/kg	55	-				55	U	ug/kg	55
Vinyl chloride	-				55	U	ug/kg	55	-				55	U	ug/kg	55
Chloroethane	-				55	U	ug/kg	55	-				55	U	ug/kg	55
Methylene chloride	-				55	U	ug/kg	55	-				55	U	ug/kg	55
Acetone	-				200		ug/kg	55	-				150		ug/kg	55
Carbon disulfide	-				55	U	ug/kg	55	-				55	U	ug/kg	55
1,1-Dichloroethene	-				55	U	ug/kg	55	-				55	U	ug/kg	55
1,1-Dichloroethane	-				55	U	ug/kg	55	-				55	U	ug/kg	55
1,2-Dichloroethene (total)	-				55	U	ug/kg	55	-				55	U	ug/kg	55
Chloroform	-				55	U	ug/kg	55	-				55	U	ug/kg	55
1,2-Dichloroethane	-				55	U	ug/kg	55	-				55	U	ug/kg	55
2-Butanone	-				55	U	ug/kg	55	-				55	U	ug/kg	55
1,1,1-Trichloroethane	-				55	U	ug/kg	55	-				55	U	ug/kg	55
Carbon tetrachloride	-				55	U	ug/kg	55	-				55	U	ug/kg	55
Bromodichloromethane	-				55	U	ug/kg	55	-				55	U	ug/kg	55
1,2-Dichloropropane	-				55	U	ug/kg	55	-				55	U	ug/kg	55
cis-1,3-Dichloropropene	-				55	U	ug/kg	55	-				55	U	ug/kg	55
Trichloroethene	-				55	U	ug/kg	55	-				55	U	ug/kg	55
Dibromochloromethane	-				55	U	ug/kg	55	-				55	U	ug/kg	55
1,1,2-Trichloroethane	-				55	U	ug/kg	55	-				55	U	ug/kg	55
Benzene	-				55	U	ug/kg	55	-				55	U	ug/kg	55
trans-1,3-Dichloropropene	-				55	U	ug/kg	55	-				55	U	ug/kg	55
Bromoform	-				55	U	ug/kg	55	-				55	U	ug/kg	55
4-Methyl-2-pentanone	-				55	U	ug/kg	55	-				55	U	ug/kg	55
2-Hexanone	-				55	U	ug/kg	55	-				55	U	ug/kg	55
Tetrachloroethene	-				55	U	ug/kg	55	-				55	U	ug/kg	55
Toluene	-				55	U	ug/kg	55	-				55	U	ug/kg	55
1,1,2,2-Tetrachloroethane	-				55	U	ug/kg	55	-				55	U	ug/kg	55
Chlorobenzene	-				55	U	ug/kg	55	-				55	U	ug/kg	55
Ethylbenzene	-				55	U	ug/kg	55	-				55	U	ug/kg	55
Styrene	-				55	U	ug/kg	55	-				55	U	ug/kg	55
Xylenes (total)	-				11	J	ug/kg	55	-				55	U	ug/kg	55

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08/01/93 WHITING FIELD ANALYTICAL RESULT REPORT 17:17:20
SOIL BORING -- VOLATILES - VALIDATED RESULTS

Lab Sample Number:	34846001				34846001				34846004				34846004			
Site	WHITING				WHITING				WHITING				WHITING			
Locator	32SB3-5-7				32SB3-5-7				32SB3-10-12				32SB3-10-12			
Collect Date:	12-JAN-93				12-JAN-93				12-JAN-93				12-JAN-93			
	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL
CLP VOLATILES 90-SOW																
Chloromethane	-				11	UJ	ug/kg	11	-				12	UJ	ug/kg	12
Bromomethane	-				11	U	ug/kg	11	-				12	U	ug/kg	12
Vinyl chloride	-				11	U	ug/kg	11	-				12	U	ug/kg	12
Chloroethane	-				11	U	ug/kg	11	-				12	U	ug/kg	12
Methylene chloride	-				11	U	ug/kg	11	-				12	U	ug/kg	12
Acetone	-				170		ug/kg	11	-				230		ug/kg	12
Carbon disulfide	-				11	U	ug/kg	11	-				12	U	ug/kg	12
1,1-Dichloroethene	-				11	U	ug/kg	11	-				12	U	ug/kg	12
1,1-Dichloroethane	-				11	U	ug/kg	11	-				12	U	ug/kg	12
1,2-Dichloroethene (total)	-				11	U	ug/kg	11	-				12	U	ug/kg	12
Chloroform	-				11	U	ug/kg	11	-				12	U	ug/kg	12
1,2-Dichloroethane	-				11	U	ug/kg	11	-				12	U	ug/kg	12
2-Butanone	-				6	J	ug/kg	11	-				8	J	ug/kg	12
1,1,1-Trichloroethane	-				11	U	ug/kg	11	-				12	U	ug/kg	12
Carbon tetrachloride	-				11	U	ug/kg	11	-				12	U	ug/kg	12
Bromodichloromethane	-				11	U	ug/kg	11	-				12	U	ug/kg	12
1,2-Dichloropropane	-				11	U	ug/kg	11	-				12	U	ug/kg	12
cis-1,3-Dichloropropene	-				11	U	ug/kg	11	-				12	U	ug/kg	12
Trichloroethene	-				11	U	ug/kg	11	-				12	U	ug/kg	12
Dibromochloromethane	-				11	U	ug/kg	11	-				12	U	ug/kg	12
1,1,2-Trichloroethane	-				11	U	ug/kg	11	-				12	U	ug/kg	12
Benzene	-				11	U	ug/kg	11	-				12	U	ug/kg	12
trans-1,3-Dichloropropene	-				11	U	ug/kg	11	-				12	U	ug/kg	12
Bromoform	-				11	U	ug/kg	11	-				12	U	ug/kg	12
4-Methyl-2-pentanone	-				11	U	ug/kg	11	-				12	U	ug/kg	12
2-Hexanone	-				11	U	ug/kg	11	-				12	U	ug/kg	12
Tetrachloroethene	-				11	U	ug/kg	11	-				12	U	ug/kg	12
Toluene	-				11	U	ug/kg	11	-				12	U	ug/kg	12
1,1,2,2-Tetrachloroethane	-				11	U	ug/kg	11	-				12	U	ug/kg	12
Chlorobenzene	-				11	U	ug/kg	11	-				12	U	ug/kg	12
Ethylbenzene	-				11	U	ug/kg	11	-				12	U	ug/kg	12
Styrene	-				11	U	ug/kg	11	-				12	U	ug/kg	12
Xylenes (total)	-				11	U	ug/kg	11	-				12	U	ug/kg	12

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08/01/93 WHITING FIELD ANALYTICAL RESULT REPORT 17:17:20
SOIL BORING -- VOLATILES - VALIDATED RESULTS

Lab Sample Number:	34846005				34846005				34848001				34848001			
Site	WHITING				WHITING				WHITING				WHITING			
Locator	32SB3-20-22				32SB3-20-22				32SB3-30-32				32SB3-30-32			
Collect Date:	12-JAN-93				12-JAN-93				12-JAN-93				12-JAN-93			
	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL
CLP VOLATILES 90-SOW																
Chloromethane	-				11	UJ	ug/kg	11	11	UJ	ug/kg	11	-			
Bromomethane	-				11	U	ug/kg	11	11	U	ug/kg	11	-			
Vinyl chloride	-				11	U	ug/kg	11	11	U	ug/kg	11	-			
Chloroethane	-				11	U	ug/kg	11	11	U	ug/kg	11	-			
Methylene chloride	-				11	U	ug/kg	11	11	U	ug/kg	11	-			
Acetone	-				110		ug/kg	11	58		ug/kg	10	-			
Carbon disulfide	-				11	U	ug/kg	11	11	U	ug/kg	11	-			
1,1-Dichloroethene	-				11	U	ug/kg	11	11	U	ug/kg	11	-			
1,1-Dichloroethane	-				11	U	ug/kg	11	11	U	ug/kg	11	-			
1,2-Dichloroethene (total)	-				11	U	ug/kg	11	11	U	ug/kg	11	-			
Chloroform	-				11	U	ug/kg	11	11	U	ug/kg	11	-			
1,2-Dichloroethane	-				11	U	ug/kg	11	11	U	ug/kg	11	-			
2-Butanone	-				11	U	ug/kg	11	11	U	ug/kg	11	-			
1,1,1-Trichloroethane	-				11	U	ug/kg	11	11	U	ug/kg	11	-			
Carbon tetrachloride	-				11	U	ug/kg	11	11	U	ug/kg	11	-			
Bromodichloromethane	-				11	U	ug/kg	11	11	U	ug/kg	11	-			
1,2-Dichloropropane	-				11	U	ug/kg	11	11	U	ug/kg	11	-			
cis-1,3-Dichloropropene	-				11	U	ug/kg	11	11	U	ug/kg	11	-			
Trichloroethene	-				11	U	ug/kg	11	11	U	ug/kg	11	-			
Dibromochloromethane	-				11	U	ug/kg	11	11	U	ug/kg	11	-			
1,1,2-Trichloroethane	-				11	U	ug/kg	11	11	U	ug/kg	11	-			
Benzene	-				11	U	ug/kg	11	11	U	ug/kg	11	-			
trans-1,3-Dichloropropene	-				11	U	ug/kg	11	11	U	ug/kg	11	-			
Bromoform	-				11	U	ug/kg	11	11	U	ug/kg	11	-			
4-Methyl-2-pentanone	-				11	U	ug/kg	11	11	U	ug/kg	11	-			
2-Hexanone	-				11	U	ug/kg	11	11	U	ug/kg	11	-			
Tetrachloroethene	-				11	U	ug/kg	11	11	U	ug/kg	11	-			
Toluene	-				11	U	ug/kg	11	11	U	ug/kg	11	-			
1,1,2,2-Tetrachloroethane	-				11	U	ug/kg	11	11	U	ug/kg	11	-			
Chlorobenzene	-				11	U	ug/kg	11	11	U	ug/kg	11	-			
Ethylbenzene	-				11	U	ug/kg	11	11	U	ug/kg	11	-			
Styrene	-				11	U	ug/kg	11	11	U	ug/kg	11	-			
Xylenes (total)	-				11	U	ug/kg	11	11	U	ug/kg	11	-			

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08/01/93 WHITING FIELD ANALYTICAL RESULT REPORT 17:18:54
SOIL BORING -- VOLATILES - VALIDATED RESULTS

Lab Sample Number:	34848008				34848008				34848009				34848009			
Site	WHITING				WHITING				WHITING				WHITING			
Locator	32SB4-0-2				32SB4-0-2				32SB4-15-17				32SB4-15-17			
Collect Date:	12-JAN-93				12-JAN-93				12-JAN-93				12-JAN-93			
	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL
CLP VOLATILES 90-SOW																
Chloromethane	11	UJ	ug/kg	11	-				12	UJ	ug/kg	12	-			
Bromomethane	11	U	ug/kg	11	-				12	U	ug/kg	12	-			
Vinyl chloride	11	U	ug/kg	11	-				12	U	ug/kg	12	-			
Chloroethane	11	U	ug/kg	11	-				12	U	ug/kg	12	-			
Methylene chloride	11	U	ug/kg	11	-				12	U	ug/kg	12	-			
Acetone	18		ug/kg	11	-				55		ug/kg	12	-			
Carbon disulfide	11	U	ug/kg	11	-				12	U	ug/kg	12	-			
1,1-Dichloroethene	11	U	ug/kg	11	-				12	U	ug/kg	12	-			
1,1-Dichloroethane	11	U	ug/kg	11	-				12	U	ug/kg	12	-			
1,2-Dichloroethene (total)	11	U	ug/kg	11	-				12	U	ug/kg	12	-			
Chloroform	11	U	ug/kg	11	-				12	U	ug/kg	12	-			
1,2-Dichloroethane	11	U	ug/kg	11	-				12	U	ug/kg	12	-			
2-Butanone	11	U	ug/kg	11	-				12	U	ug/kg	12	-			
1,1,1-Trichloroethane	11	U	ug/kg	11	-				12	U	ug/kg	12	-			
Carbon tetrachloride	11	U	ug/kg	11	-				12	U	ug/kg	12	-			
Bromodichloromethane	11	U	ug/kg	11	-				12	U	ug/kg	12	-			
1,2-Dichloropropane	11	U	ug/kg	11	-				12	U	ug/kg	12	-			
cis-1,3-Dichloropropene	11	U	ug/kg	11	-				12	U	ug/kg	12	-			
Trichloroethene	11	U	ug/kg	11	-				12	U	ug/kg	12	-			
Dibromochloromethane	11	U	ug/kg	11	-				12	U	ug/kg	12	-			
1,1,2-Trichloroethane	11	U	ug/kg	11	-				12	U	ug/kg	12	-			
Benzene	11	U	ug/kg	11	-				12	U	ug/kg	12	-			
trans-1,3-Dichloropropene	11	U	ug/kg	11	-				12	U	ug/kg	12	-			
Bromoform	11	U	ug/kg	11	-				12	U	ug/kg	12	-			
4-Methyl-2-pentanone	11	U	ug/kg	11	-				12	U	ug/kg	12	-			
2-Hexanone	11	U	ug/kg	11	-				12	U	ug/kg	12	-			
Tetrachloroethene	11	U	ug/kg	11	-				12	U	ug/kg	12	-			
Toluene	11	U	ug/kg	11	-				12	U	ug/kg	12	-			
1,1,2,2-Tetrachloroethane	11	U	ug/kg	11	-				12	U	ug/kg	12	-			
Chlorobenzene	11	U	ug/kg	11	-				12	U	ug/kg	12	-			
Ethylbenzene	11	U	ug/kg	11	-				12	U	ug/kg	12	-			
Styrene	11	U	ug/kg	11	-				12	U	ug/kg	12	-			
Xylenes (total)	11	U	ug/kg	11	-				12	U	ug/kg	12	-			

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08/01/93 WHITING FIELD ANALYTICAL RESULT REPORT 17:18:54
SOIL BORING -- VOLATILES - VALIDATED RESULTS

Lab Sample Number:	34848010				34848010				34848011				34848011			
Site	WHITING				WHITING				WHITING				WHITING			
Locator	32SB4-20-22				32SB4-20-22				32SB4-20-22A				32SB4-20-22A			
Collect Date:	12-JAN-93				12-JAN-93				12-JAN-93				12-JAN-93			
	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL
CLP VOLATILES 90-SOW																
Chloromethane	11	UJ	ug/kg	11	-				11	UJ	ug/kg	11	-			
Bromomethane	11	U	ug/kg	11	-				11	U	ug/kg	11	-			
Vinyl chloride	11	U	ug/kg	11	-				11	U	ug/kg	11	-			
Chloroethane	11	U	ug/kg	11	-				11	U	ug/kg	11	-			
Methylene chloride	11	U	ug/kg	11	-				11	U	ug/kg	11	-			
Acetone	100		ug/kg	11	-				58		ug/kg	11	-			
Carbon disulfide	11	U	ug/kg	11	-				11	U	ug/kg	11	-			
1,1-Dichloroethene	11	U	ug/kg	11	-				11	U	ug/kg	11	-			
1,1-Dichloroethane	11	U	ug/kg	11	-				11	U	ug/kg	11	-			
1,2-Dichloroethene (total)	11	U	ug/kg	11	-				11	U	ug/kg	11	-			
Chloroform	11	U	ug/kg	11	-				11	U	ug/kg	11	-			
1,2-Dichloroethane	11	U	ug/kg	11	-				11	U	ug/kg	11	-			
2-Butanone	11	U	ug/kg	11	-				11	U	ug/kg	11	-			
1,1,1-Trichloroethane	11	U	ug/kg	11	-				11	U	ug/kg	11	-			
Carbon tetrachloride	11	U	ug/kg	11	-				11	U	ug/kg	11	-			
Bromodichloromethane	11	U	ug/kg	11	-				11	U	ug/kg	11	-			
1,2-Dichloropropane	11	U	ug/kg	11	-				11	U	ug/kg	11	-			
cis-1,3-Dichloropropene	11	U	ug/kg	11	-				11	U	ug/kg	11	-			
Trichloroethene	11	U	ug/kg	11	-				11	U	ug/kg	11	-			
Dibromochloromethane	11	U	ug/kg	11	-				11	U	ug/kg	11	-			
1,1,2-Trichloroethane	11	U	ug/kg	11	-				11	U	ug/kg	11	-			
Benzene	11	U	ug/kg	11	-				11	U	ug/kg	11	-			
trans-1,3-Dichloropropene	11	U	ug/kg	11	-				11	U	ug/kg	11	-			
Bromoform	11	U	ug/kg	11	-				11	U	ug/kg	11	-			
4-Methyl-2-pentanone	11	U	ug/kg	11	-				11	U	ug/kg	11	-			
2-Hexanone	11	U	ug/kg	11	-				11	U	ug/kg	11	-			
Tetrachloroethene	11	U	ug/kg	11	-				11	U	ug/kg	11	-			
Toluene	11	U	ug/kg	11	-				11	U	ug/kg	11	-			
1,1,2,2-Tetrachloroethane	11	U	ug/kg	11	-				11	U	ug/kg	11	-			
Chlorobenzene	11	U	ug/kg	11	-				11	U	ug/kg	11	-			
Ethylbenzene	11	U	ug/kg	11	-				11	U	ug/kg	11	-			
Styrene	11	U	ug/kg	11	-				11	U	ug/kg	11	-			
Xylenes (total)	11	U	ug/kg	11	-				11	U	ug/kg	11	-			

U = NOT DETECTED J = ESTIMATED VALUE
UJ = REPORTED QUANTITATION LIMIT IS QUALIFIED AS ESTIMATED
R = RESULT IS REJECTED AND UNUSABLE

08/01/93 WHITING FIELD ANALYTICAL RESULT REPORT 17:18:54
SOIL BORING -- VOLATILES - VALIDATED RESULTS

Lab Sample Number:	34848012				34848012				34848013				34848013			
Site	WHITING				WHITING				WHITING				WHITING			
Locator	32SB4-25-27				32SB4-25-27				32SB4-35-37				32SB4-35-37			
Collect Date:	12-JAN-93				12-JAN-93				12-JAN-93				12-JAN-93			
	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL
CLP VOLATILES 90-SOW																
Chloromethane	11	UJ	ug/kg	11	-				11	UJ	ug/kg	11	-			
Bromomethane	11	U	ug/kg	11	-				11	U	ug/kg	11	-			
Vinyl chloride	11	U	ug/kg	11	-				11	U	ug/kg	11	-			
Chloroethane	11	U	ug/kg	11	-				11	U	ug/kg	11	-			
Methylene chloride	11	U	ug/kg	11	-				11	U	ug/kg	11	-			
Acetone	48		ug/kg	11	-				53		ug/kg	10	-			
Carbon disulfide	11	U	ug/kg	11	-				11	U	ug/kg	11	-			
1,1-Dichloroethene	11	U	ug/kg	11	-				11	U	ug/kg	11	-			
1,1-Dichloroethane	11	U	ug/kg	11	-				11	U	ug/kg	11	-			
1,2-Dichloroethene (total)	11	U	ug/kg	11	-				11	U	ug/kg	11	-			
Chloroform	11	U	ug/kg	11	-				11	U	ug/kg	11	-			
1,2-Dichloroethane	11	U	ug/kg	11	-				11	U	ug/kg	11	-			
2-Butanone	11	U	ug/kg	11	-				11	U	ug/kg	11	-			
1,1,1-Trichloroethane	11	U	ug/kg	11	-				11	U	ug/kg	11	-			
Carbon tetrachloride	11	U	ug/kg	11	-				11	U	ug/kg	11	-			
Bromodichloromethane	11	U	ug/kg	11	-				11	U	ug/kg	11	-			
1,2-Dichloropropane	11	U	ug/kg	11	-				11	U	ug/kg	11	-			
cis-1,3-Dichloropropene	11	U	ug/kg	11	-				11	U	ug/kg	11	-			
Trichloroethene	11	U	ug/kg	11	-				11	U	ug/kg	11	-			
Dibromochloromethane	11	U	ug/kg	11	-				11	U	ug/kg	11	-			
1,1,2-Trichloroethane	11	U	ug/kg	11	-				11	U	ug/kg	11	-			
Benzene	11	U	ug/kg	11	-				11	U	ug/kg	11	-			
trans-1,3-Dichloropropene	11	U	ug/kg	11	-				11	U	ug/kg	11	-			
Bromoform	11	U	ug/kg	11	-				11	U	ug/kg	11	-			
4-Methyl-2-pentanone	11	U	ug/kg	11	-				11	U	ug/kg	11	-			
2-Hexanone	11	U	ug/kg	11	-				11	U	ug/kg	11	-			
Tetrachloroethene	11	U	ug/kg	11	-				11	U	ug/kg	11	-			
Toluene	11	U	ug/kg	11	-				11	U	ug/kg	11	-			
1,1,2,2-Tetrachloroethane	11	U	ug/kg	11	-				11	U	ug/kg	11	-			
Chlorobenzene	11	U	ug/kg	11	-				11	U	ug/kg	11	-			
Ethylbenzene	11	U	ug/kg	11	-				11	U	ug/kg	11	-			
Styrene	11	U	ug/kg	11	-				11	U	ug/kg	11	-			
Xylenes (total)	11	U	ug/kg	11	-				11	U	ug/kg	11	-			

U = NOT DETECTED J = ESTIMATED VALUE
UJ = REPORTED QUANTITATION LIMIT IS QUALIFIED AS ESTIMATED
R = RESULT IS REJECTED AND UNUSABLE

08/01/93 WHITING FIELD ANALYTICAL RESULT REPORT 17:18:54
SOIL BORING -- VOLATILES - VALIDATED RESULTS

Lab Sample Number:	34848014				34848014			
Site	WHITING				WHITING			
Locator	32SB4-45-47				32SB4-45-47			
Collect Date:	12-JAN-93				12-JAN-93			
	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL
CLP VOLATILES 90-SOW								
Chloromethane	11	UJ	ug/kg	11	-			
Bromomethane	11	U	ug/kg	11	-			
Vinyl chloride	11	U	ug/kg	11	-			
Chloroethane	11	U	ug/kg	11	-			
Methylene chloride	11	U	ug/kg	11	-			
Acetone	33		ug/kg	10	-			
Carbon disulfide	11	U	ug/kg	11	-			
1,1-Dichloroethene	11	U	ug/kg	11	-			
1,1-Dichloroethane	11	U	ug/kg	11	-			
1,2-Dichloroethene (total)	11	U	ug/kg	11	-			
Chloroform	11	U	ug/kg	11	-			
1,2-Dichloroethane	11	U	ug/kg	11	-			
2-Butanone	11	U	ug/kg	11	-			
1,1,1-Trichloroethane	11	U	ug/kg	11	-			
Carbon tetrachloride	11	U	ug/kg	11	-			
Bromodichloromethane	11	U	ug/kg	11	-			
1,2-Dichloropropane	11	U	ug/kg	11	-			
cis-1,3-Dichloropropene	11	U	ug/kg	11	-			
Trichloroethene	11	U	ug/kg	11	-			
Dibromochloromethane	11	U	ug/kg	11	-			
1,1,2-Trichloroethane	11	U	ug/kg	11	-			
Benzene	11	U	ug/kg	11	-			
trans-1,3-Dichloropropene	11	U	ug/kg	11	-			
Bromoform	11	U	ug/kg	11	-			
4-Methyl-2-pentanone	11	U	ug/kg	11	-			
2-Hexanone	11	U	ug/kg	11	-			
Tetrachloroethene	11	U	ug/kg	11	-			
Toluene	11	U	ug/kg	11	-			
1,1,2,2-Tetrachloroethane	11	U	ug/kg	11	-			
Chlorobenzene	11	U	ug/kg	11	-			
Ethylbenzene	11	U	ug/kg	11	-			
Styrene	11	U	ug/kg	11	-			
Xylenes (total)	11	U	ug/kg	11	-			

U = NOT DETECTED J = ESTIMATED VALUE
UJ = [illegible]PORTED QUANTITATION LIMIT IS QUALIFIED AS ESTIMATED
R = [illegible]ULT IS REJECTED AND UNUSABLE

08/01/93 WHITING FIELD ANALYTICAL RESULT REPORT 17:20:43
SOIL BORING -- VOLATILES - VALIDATED RESULTS

Lab Sample Number:	34925008				34925012RE				34925009				34925011					
Site	WHITING				WHITING				WHITING				WHITING					
Locator	32SB5-1-2				32SB5-45-47RE				32SB5-5-7				32SB5-10-12					
Collect Date:	19-JAN-93				19-JAN-93				19-JAN-93				19-JAN-93					
	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL		
CLP VOLATILES 90-SOW																		
Chloromethane	11	U	ug/kg	11	11	U	ug/kg	11	12	U	ug/kg	12	11	U	ug/kg	11		
Bromomethane	11	U	ug/kg	11	11	U	ug/kg	11	12	U	ug/kg	12	11	U	ug/kg	11		
Vinyl chloride	11	U	ug/kg	11	11	U	ug/kg	11	12	U	ug/kg	12	11	U	ug/kg	11		
Chloroethane	11	U	ug/kg	11	11	U	ug/kg	11	12	U	ug/kg	12	11	U	ug/kg	11		
Methylene chloride	11	U	ug/kg	11	11	U	ug/kg	11	12	U	ug/kg	12	11	U	ug/kg	11		
Acetone	11	U	ug/kg	11	22	J	ug/kg	11	12	U	ug/kg	12	34		ug/kg	11		
Carbon disulfide	11	U	ug/kg	11	11	U	ug/kg	11	12	U	ug/kg	12	11	U	ug/kg	11		
1,1-Dichloroethene	11	U	ug/kg	11	11	U	ug/kg	11	12	U	ug/kg	12	11	U	ug/kg	11		
1,1-Dichloroethane	11	U	ug/kg	11	11	U	ug/kg	11	12	U	ug/kg	12	11	U	ug/kg	11		
1,2-Dichloroethene (total)	11	U	ug/kg	11	11	U	ug/kg	11	12	U	ug/kg	12	11	U	ug/kg	11		
Chloroform	11	U	ug/kg	11	11	U	ug/kg	11	12	U	ug/kg	12	11	U	ug/kg	11		
1,2-Dichloroethane	11	UJ	ug/kg	11	11	UJ	ug/kg	11	12	UJ	ug/kg	12	11	UJ	ug/kg	11		
2-Butanone	11	UJ	ug/kg	11	13	J	ug/kg	11	12	UJ	ug/kg	12	4	J	ug/kg	11		
1,1,1-Trichloroethane	11	U	ug/kg	11	11	U	ug/kg	11	12	U	ug/kg	12	11	U	ug/kg	11		
Carbon tetrachloride	11	U	ug/kg	11	11	U	ug/kg	11	12	U	ug/kg	12	11	U	ug/kg	11		
Bromodichloromethane	11	U	ug/kg	11	11	U	ug/kg	11	12	U	ug/kg	12	11	U	ug/kg	11		
1,2-Dichloropropane	11	U	ug/kg	11	11	U	ug/kg	11	12	U	ug/kg	12	11	U	ug/kg	11		
cis-1,3-Dichloropropene	11	U	ug/kg	11	11	U	ug/kg	11	12	U	ug/kg	12	11	U	ug/kg	11		
Trichloroethene	11	U	ug/kg	11	11	U	ug/kg	11	12	U	ug/kg	12	11	U	ug/kg	11		
Dibromochloromethane	11	U	ug/kg	11	11	U	ug/kg	11	12	U	ug/kg	12	11	U	ug/kg	11		
1,1,2-Trichloroethane	11	U	ug/kg	11	11	U	ug/kg	11	12	U	ug/kg	12	11	U	ug/kg	11		
Benzene	11	U	ug/kg	11	11	U	ug/kg	11	12	U	ug/kg	12	11	U	ug/kg	11		
trans-1,3-Dichloropropene	11	U	ug/kg	11	11	UJ	ug/kg	11	12	U	ug/kg	12	11	U	ug/kg	11		
Bromoform	11	U	ug/kg	11	11	U	ug/kg	11	12	U	ug/kg	12	11	U	ug/kg	11		
4-Methyl-2-pentanone	11	UJ	ug/kg	11	11	UJ	ug/kg	11	12	UJ	ug/kg	12	11	UJ	ug/kg	11		
2-Hexanone	11	UJ	ug/kg	11	11	UJ	ug/kg	11	12	UJ	ug/kg	12	11	UJ	ug/kg	11		
Tetrachloroethene	11	U	ug/kg	11	11	U	ug/kg	11	12	U	ug/kg	12	11	U	ug/kg	11		
Toluene	11	U	ug/kg	11	11	U	ug/kg	11	12	U	ug/kg	12	11	U	ug/kg	11		
1,1,2,2-Tetrachloroethane	11	U	ug/kg	11	11	U	ug/kg	11	12	U	ug/kg	12	11	U	ug/kg	11		
Chlorobenzene	11	U	ug/kg	11	11	U	ug/kg	11	12	U	ug/kg	12	11	U	ug/kg	11		
Ethylbenzene	11	U	ug/kg	11	11	U	ug/kg	11	12	U	ug/kg	12	11	U	ug/kg	11		
Styrene	11	U	ug/kg	11	11	U	ug/kg	11	12	U	ug/kg	12	11	U	ug/kg	11		
Xylenes (total)	11	U	ug/kg	11	11	U	ug/kg	11	12	U	ug/kg	12	11	U	ug/kg	11		

U = NOT DETECTED J = ESTIMATED VALUE
UJ = REPORTED QUANTITATION LIMIT IS QUALIFIED AS ESTIMATED
R = RESULT IS REJECTED AND UNUSABLE

08/01/93 WHITING FIELD ANALYTICAL RESULT REPORT 17:20:43
SOIL BORING -- VOLATILES - VALIDATED RESULTS

Lab Sample Number:	34925010				34925012				34925013				34938007					
Site	WHITING				WHITING				WHITING				WHITING					
Locator	32SB5-20-22				32SB5-45-47				32SB5-45-47A				32SB5-61-63					
Collect Date:	19-JAN-93				19-JAN-93				19-JAN-93				20-JAN-93					
	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL		
CLP VOLATILES 90-SOW																		
Chloromethane	12	U	ug/kg	12	-				11	U	ug/kg	11	11	U	ug/kg	11		
Bromomethane	12	U	ug/kg	12	-				11	U	ug/kg	11	11	U	ug/kg	11		
Vinyl chloride	12	U	ug/kg	12	-				11	U	ug/kg	11	11	U	ug/kg	11		
Chloroethane	12	U	ug/kg	12	-				11	U	ug/kg	11	11	U	ug/kg	11		
Methylene chloride	12	U	ug/kg	12	-				11	U	ug/kg	11	11	U	ug/kg	11		
Acetone	20		ug/kg	12	-				11		ug/kg	11	57	J	ug/kg	11		
Carbon disulfide	12	U	ug/kg	12	-				11	U	ug/kg	11	11	U	ug/kg	11		
1,1-Dichloroethene	12	U	ug/kg	12	-				11	U	ug/kg	11	11	U	ug/kg	11		
1,1-Dichloroethane	12	U	ug/kg	12	-				11	U	ug/kg	11	11	U	ug/kg	11		
1,2-Dichloroethene (total)	12	U	ug/kg	12	-				11	U	ug/kg	11	11	U	ug/kg	11		
Chloroform	12	U	ug/kg	12	-				11	U	ug/kg	11	11	U	ug/kg	11		
1,2-Dichloroethane	12	UJ	ug/kg	12	-				11	UJ	ug/kg	11	11	U	ug/kg	11		
2-Butanone	12	UJ	ug/kg	12	-				9	J	ug/kg	11	50	J	ug/kg	11		
1,1,1-Trichloroethane	12	U	ug/kg	12	-				11	U	ug/kg	11	11	U	ug/kg	11		
Carbon tetrachloride	12	U	ug/kg	12	-				11	U	ug/kg	11	11	U	ug/kg	11		
Bromodichloromethane	12	U	ug/kg	12	-				11	U	ug/kg	11	11	U	ug/kg	11		
1,2-Dichloropropane	12	U	ug/kg	12	-				11	U	ug/kg	11	11	U	ug/kg	11		
cis-1,3-Dichloropropene	12	U	ug/kg	12	-				11	U	ug/kg	11	11	U	ug/kg	11		
Trichloroethene	12	U	ug/kg	12	-				11	U	ug/kg	11	11	U	ug/kg	11		
Dibromochloromethane	12	U	ug/kg	12	-				11	U	ug/kg	11	11	U	ug/kg	11		
1,1,2-Trichloroethane	12	U	ug/kg	12	-				11	U	ug/kg	11	11	U	ug/kg	11		
Benzene	12	U	ug/kg	12	-				11	U	ug/kg	11	11	U	ug/kg	11		
trans-1,3-Dichloropropene	12	U	ug/kg	12	-				11	U	ug/kg	11	11	U	ug/kg	11		
Bromoform	12	U	ug/kg	12	-				11	U	ug/kg	11	11	U	ug/kg	11		
4-Methyl-2-pentanone	12	UJ	ug/kg	12	-				11	UJ	ug/kg	11	11	UJ	ug/kg	11		
2-Hexanone	12	UJ	ug/kg	12	-				11	UJ	ug/kg	11	11	UJ	ug/kg	11		
Tetrachloroethene	12	U	ug/kg	12	-				11	U	ug/kg	11	11	U	ug/kg	11		
Toluene	12	U	ug/kg	12	-				11	U	ug/kg	11	11	U	ug/kg	11		
1,1,2,2-Tetrachloroethane	12	U	ug/kg	12	-				11	U	ug/kg	11	11	U	ug/kg	11		
Chlorobenzene	12	U	ug/kg	12	-				11	U	ug/kg	11	11	U	ug/kg	11		
Ethylbenzene	12	U	ug/kg	12	-				11	U	ug/kg	11	11	U	ug/kg	11		
Styrene	12	U	ug/kg	12	-				11	U	ug/kg	11	11	U	ug/kg	11		
Xylenes (total)	12	U	ug/kg	12	-				11	U	ug/kg	11	11	U	ug/kg	11		

U = NOT DETECTED J = ESTIMATED VALUE
UJ PORTED QUANTITATION LIMIT IS QUALIFIED AS ESTIMATED
R ILT IS REJECTED AND UNUSABLE

08/01/93 WHITING FIELD ANALYTICAL RESULT REPORT 17:20:43
SOIL BORING -- VOLATILES - VALIDATED RESULTS

Lab Sample Number:	34938008
Site	WHITING
Locator	32SB5-95-97
Collect Date:	20-JAN-93

	VALUE	QUAL	UNITS	DL
CLP VOLATILES 90-SOW				
Chloromethane	11	U	ug/kg	11
Bromomethane	11	U	ug/kg	11
Vinyl chloride	11	U	ug/kg	11
Chloroethane	11	U	ug/kg	11
Methylene chloride	11	U	ug/kg	11
Acetone	35	J	ug/kg	11
Carbon disulfide	11	U	ug/kg	11
1,1-Dichloroethene	11	U	ug/kg	11
1,1-Dichloroethane	11	U	ug/kg	11
1,2-Dichloroethene (total)	11	U	ug/kg	11
Chloroform	11	U	ug/kg	11
1,2-Dichloroethane	11	U	ug/kg	11
2-Butanone	11	UJ	ug/kg	11
1,1,1-Trichloroethane	11	U	ug/kg	11
Carbon tetrachloride	11	U	ug/kg	11
Bromodichloromethane	11	U	ug/kg	11
1,2-Dichloropropane	11	U	ug/kg	11
cis-1,3-Dichloropropene	11	U	ug/kg	11
Trichloroethene	11	U	ug/kg	11
Dibromochloromethane	11	U	ug/kg	11
1,1,2-Trichloroethane	11	U	ug/kg	11
Benzene	11	U	ug/kg	11
trans-1,3-Dichloropropene	11	U	ug/kg	11
Bromoform	11	U	ug/kg	11
4-Methyl-2-pentanone	11	UJ	ug/kg	11
2-Hexanone	11	UJ	ug/kg	11
Tetrachloroethene	11	U	ug/kg	11
Toluene	11	U	ug/kg	11
1,1,2,2-Tetrachloroethane	11	U	ug/kg	11
Chlorobenzene	11	U	ug/kg	11
Ethylbenzene	11	U	ug/kg	11
Styrene	11	U	ug/kg	11
Xylenes (total)	11	U	ug/kg	11

U = NOT DETECTED J = ESTIMATED VALUE
UJ = REPORTED QUANTITATION LIMIT IS QUALIFIED AS ESTIMATED
R = RESULT IS REJECTED AND UNUSABLE

08/01/93 WHITING FIELD ANALYTICAL RESULT REPORT 17:22:02
SOIL BORING -- VOLATILES - VALIDATED RESULTS

Lab Sample Number:	34847001				34846016				34846016				34847002			
Site	WHITING				WHITING				WHITING				WHITING			
Locator	32SB6-5-7				32SB6-0-2				32SB6-0-2				32SB6-5-7A			
Collect Date:	11-JAN-93				12-JAN-93				12-JAN-93				11-JAN-93			
	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL
CLP VOLATILES 90-SOW																
Chloromethane	58	UJ	ug/kg	58	-				1400	UJ	ug/kg	1400	11	UJ	ug/kg	11
Bromomethane	58	U	ug/kg	58	-				1400	U	ug/kg	1400	11	U	ug/kg	11
Vinyl chloride	58	U	ug/kg	58	-				1400	U	ug/kg	1400	11	U	ug/kg	11
Chloroethane	58	U	ug/kg	58	-				1400	U	ug/kg	1400	11	U	ug/kg	11
Methylene chloride	58	U	ug/kg	58	-				1400	U	ug/kg	1400	11	U	ug/kg	11
Acetone	54	J	ug/kg	58	-				1400	UJ	ug/kg	1400	75		ug/kg	11
Carbon disulfide	58	U	ug/kg	58	-				1400	U	ug/kg	1400	11	U	ug/kg	11
1,1-Dichloroethene	58	U	ug/kg	58	-				1400	U	ug/kg	1400	11	U	ug/kg	11
1,1-Dichloroethane	58	U	ug/kg	58	-				1400	U	ug/kg	1400	11	U	ug/kg	11
1,2-Dichloroethene (total)	58	U	ug/kg	58	-				1400	U	ug/kg	1400	11	U	ug/kg	11
Chloroform	58	U	ug/kg	58	-				1400	U	ug/kg	1400	11	U	ug/kg	11
1,2-Dichloroethane	58	U	ug/kg	58	-				1400	U	ug/kg	1400	11	U	ug/kg	11
2-Butanone	58	U	ug/kg	58	-				1400	UJ	ug/kg	1400	3	J	ug/kg	11
1,1,1-Trichloroethane	58	U	ug/kg	58	-				1400	U	ug/kg	1400	11	U	ug/kg	11
Carbon tetrachloride	58	U	ug/kg	58	-				1400	U	ug/kg	1400	11	U	ug/kg	11
Bromodichloromethane	58	U	ug/kg	58	-				1400	U	ug/kg	1400	11	U	ug/kg	11
1,2-Dichloropropane	58	U	ug/kg	58	-				1400	U	ug/kg	1400	11	U	ug/kg	11
cis-1,3-Dichloropropene	58	U	ug/kg	58	-				1400	U	ug/kg	1400	11	U	ug/kg	11
Trichloroethene	58	U	ug/kg	58	-				1400	U	ug/kg	1400	11	U	ug/kg	11
Dibromochloromethane	58	U	ug/kg	58	-				1400	U	ug/kg	1400	11	U	ug/kg	11
1,1,2-Trichloroethane	58	U	ug/kg	58	-				1400	U	ug/kg	1400	11	U	ug/kg	11
Benzene	58	U	ug/kg	58	-				1400	U	ug/kg	1400	11	U	ug/kg	11
trans-1,3-Dichloropropene	58	U	ug/kg	58	-				1400	U	ug/kg	1400	11	U	ug/kg	11
Bromoform	58	U	ug/kg	58	-				1400	U	ug/kg	1400	11	U	ug/kg	11
4-Methyl-2-pentanone	58	U	ug/kg	58	-				1400	U	ug/kg	1400	11	U	ug/kg	11
2-Hexanone	58	U	ug/kg	58	-				1400	UJ	ug/kg	1400	11	U	ug/kg	11
Tetrachloroethene	58	U	ug/kg	58	-				1400	U	ug/kg	1400	11	U	ug/kg	11
Toluene	58	U	ug/kg	58	-				1400	U	ug/kg	1400	11	U	ug/kg	11
1,1,2,2-Tetrachloroethane	58	U	ug/kg	58	-				1400	U	ug/kg	1400	11	U	ug/kg	11
Chlorobenzene	58	U	ug/kg	58	-				1400	U	ug/kg	1400	11	U	ug/kg	11
Ethylbenzene	58	U	ug/kg	58	-				1400	U	ug/kg	1400	11	U	ug/kg	11
Styrene	58	U	ug/kg	58	-				1400	U	ug/kg	1400	11	U	ug/kg	11
Xylenes (total)	58	U	ug/kg	58	-				1400	U	ug/kg	1400	11	U	ug/kg	11

U = NOT DETECTED J = ESTIMATED VALUE
UJ = [illegible]PORTED QUANTITATION LIMIT IS QUALIFIED AS ESTIMATED
R = [illegible]ILT IS REJECTED AND UNUSABLE

08/01/93 WHITING FIELD ANALYTICAL RESULT REPORT 17:22:02
SOIL BORING -- VOLATILES - VALIDATED RESULTS

Lab Sample Number:	34847001MS				34847M01				34847001MS				34847D01			
Site	WHITING				WHITING				WHITING				WHITING			
Locator	32SB6-5-7MS				32SB6-5-7MS				32SB6-5-7MSD				32SB6-5-7MSD			
Collect Date:	11-JAN-93				11-JAN-93				11-JAN-93				11-JAN-93			
	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL
CLP VOLATILES 90-SOW																
Chloromethane	58	U	ug/kg	58	-				58	U	ug/kg	58	-			
Bromomethane	58	U	ug/kg	58	-				58	U	ug/kg	58	-			
Vinyl chloride	58	U	ug/kg	58	-				58	U	ug/kg	58	-			
Chloroethane	58	U	ug/kg	58	-				58	U	ug/kg	58	-			
Methylene chloride	58	U	ug/kg	58	-				58	U	ug/kg	58	-			
Acetone	58	U	ug/kg	58	-				58	U	ug/kg	58	-			
Carbon disulfide	58	U	ug/kg	58	-				58	U	ug/kg	58	-			
1,1-Dichloroethene	220		ug/kg	58	-				240		ug/kg	58	-			
1,1-Dichloroethane	58	U	ug/kg	58	-				58	U	ug/kg	58	-			
1,2-Dichloroethene (total)	58	U	ug/kg	58	-				58	U	ug/kg	58	-			
Chloroform	58	U	ug/kg	58	-				58	U	ug/kg	58	-			
1,2-Dichloroethane	58	U	ug/kg	58	-				58	U	ug/kg	58	-			
2-Butanone	58	U	ug/kg	58	-				58	U	ug/kg	58	-			
1,1,1-Trichloroethane	58	U	ug/kg	58	-				58	U	ug/kg	58	-			
Carbon tetrachloride	58	U	ug/kg	58	-				58	U	ug/kg	58	-			
Bromodichloromethane	58	U	ug/kg	58	-				58	U	ug/kg	58	-			
1,2-Dichloropropane	58	U	ug/kg	58	-				58	U	ug/kg	58	-			
cis-1,3-Dichloropropene	58	U	ug/kg	58	-				58	U	ug/kg	58	-			
Trichloroethene	260		ug/kg	58	-				290		ug/kg	58	-			
Dibromochloromethane	58	U	ug/kg	58	-				58	U	ug/kg	58	-			
1,1,2-Trichloroethane	58	U	ug/kg	58	-				58	U	ug/kg	58	-			
Benzene	290		ug/kg	58	-				310		ug/kg	58	-			
trans-1,3-Dichloropropene	58	U	ug/kg	58	-				58	U	ug/kg	58	-			
Bromoform	58	U	ug/kg	58	-				58	U	ug/kg	58	-			
4-Methyl-2-pentanone	58	U	ug/kg	58	-				58	U	ug/kg	58	-			
2-Hexanone	58	U	ug/kg	58	-				58	U	ug/kg	58	-			
Tetrachloroethene	58	U	ug/kg	58	-				58	U	ug/kg	58	-			
Toluene	300		ug/kg	58	-				320		ug/kg	58	-			
1,1,2,2-Tetrachloroethane	58	U	ug/kg	58	-				58	U	ug/kg	58	-			
Chlorobenzene	290		ug/kg	58	-				320		ug/kg	58	-			
Ethylbenzene	58	U	ug/kg	58	-				58	U	ug/kg	58	-			
Styrene	58	U	ug/kg	58	-				58	U	ug/kg	58	-			
Xylenes (total)	58	U	ug/kg	58	-				58	U	ug/kg	58	-			

U = NOT DETECTED J = ESTIMATED VALUE
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08/01/93 WHITING FIELD ANALYTICAL RESULT REPORT 17:22:02
SOIL BORING -- VOLATILES - VALIDATED RESULTS

Lab Sample Number:	34847D01			34846014			34846014			34846015				
Site	WHITING			WHITING			WHITING			WHITING				
Locator	32SB6-5-7MSD			32SB6-10-12			32SB6-10-12			32SB6-20-22				
Collect Date:	11-JAN-93			12-JAN-93			12-JAN-93			12-JAN-93				
	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL
CLP VOLATILES 90-SOW																
Chloromethane	-				-				12	UJ	ug/kg	12	-			
Bromomethane	-				-				12	U	ug/kg	12	-			
Vinyl chloride	-				-				12	U	ug/kg	12	-			
Chloroethane	-				-				12	U	ug/kg	12	-			
Methylene chloride	-				-				12	U	ug/kg	12	-			
Acetone	-				-				75		ug/kg	12	-			
Carbon disulfide	-				-				12	U	ug/kg	12	-			
1,1-Dichloroethene	-				-				12	U	ug/kg	12	-			
1,1-Dichloroethane	-				-				12	U	ug/kg	12	-			
1,2-Dichloroethene (total)	-				-				12	U	ug/kg	12	-			
Chloroform	-				-				12	U	ug/kg	12	-			
1,2-Dichloroethane	-				-				12	U	ug/kg	12	-			
2-Butanone	-				-				12	U	ug/kg	12	-			
1,1,1-Trichloroethane	-				-				12	U	ug/kg	12	-			
Carbon tetrachloride	-				-				12	U	ug/kg	12	-			
Bromodichloromethane	-				-				12	U	ug/kg	12	-			
1,2-Dichloropropane	-				-				12	U	ug/kg	12	-			
cis-1,3-Dichloropropene	-				-				12	U	ug/kg	12	-			
Trichloroethene	-				-				12	U	ug/kg	12	-			
Dibromochloromethane	-				-				12	U	ug/kg	12	-			
1,1,2-Trichloroethane	-				-				12	U	ug/kg	12	-			
Benzene	-				-				12	U	ug/kg	12	-			
trans-1,3-Dichloropropene	-				-				12	U	ug/kg	12	-			
Bromoform	-				-				12	U	ug/kg	12	-			
4-Methyl-2-pentanone	-				-				12	U	ug/kg	12	-			
2-Hexanone	-				-				12	U	ug/kg	12	-			
Tetrachloroethene	-				-				12	U	ug/kg	12	-			
Toluene	-				-				12	U	ug/kg	12	-			
1,1,2,2-Tetrachloroethane	-				-				12	U	ug/kg	12	-			
Chlorobenzene	-				-				12	U	ug/kg	12	-			
Ethylbenzene	-				-				12	U	ug/kg	12	-			
Styrene	-				-				12	U	ug/kg	12	-			
Xylenes (total)	-				-				12	U	ug/kg	12	-			

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08/01/93 WHITING FIELD ANALYTICAL RESULT REPORT 17:22:02
SOIL BORING -- VOLATILES - VALIDATED RESULTS

Lab Sample Number:	34846015				34846013				34846013				34846011			
Site	WHITING				WHITING				WHITING				WHITING			
Locator	32SB6-20-22				32SB6-30-32				32SB6-30-32				32SB6-45-47			
Collect Date:	12-JAN-93				12-JAN-93				12-JAN-93				12-JAN-93			
	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL
CLP VOLATILES 90-SOW																
Chloromethane	11	UJ	ug/kg	11	-				11	UJ	ug/kg	11	-			
Bromomethane	11	U	ug/kg	11	-				11	U	ug/kg	11	-			
Vinyl chloride	11	U	ug/kg	11	-				11	U	ug/kg	11	-			
Chloroethane	11	U	ug/kg	11	-				11	U	ug/kg	11	-			
Methylene chloride	11	U	ug/kg	11	-				11	U	ug/kg	11	-			
Acetone	47		ug/kg	11	-				49		ug/kg	10	-			
Carbon disulfide	11	U	ug/kg	11	-				11	U	ug/kg	11	-			
1,1-Dichloroethene	11	U	ug/kg	11	-				11	U	ug/kg	11	-			
1,1-Dichloroethane	11	U	ug/kg	11	-				11	U	ug/kg	11	-			
1,2-Dichloroethene (total)	11	U	ug/kg	11	-				11	U	ug/kg	11	-			
Chloroform	11	U	ug/kg	11	-				11	U	ug/kg	11	-			
1,2-Dichloroethane	11	U	ug/kg	11	-				11	U	ug/kg	11	-			
2-Butanone	11	U	ug/kg	11	-				11	U	ug/kg	11	-			
1,1,1-Trichloroethane	11	U	ug/kg	11	-				11	U	ug/kg	11	-			
Carbon tetrachloride	11	U	ug/kg	11	-				11	U	ug/kg	11	-			
Bromodichloromethane	11	U	ug/kg	11	-				11	U	ug/kg	11	-			
1,2-Dichloropropane	11	U	ug/kg	11	-				11	U	ug/kg	11	-			
cis-1,3-Dichloropropene	11	U	ug/kg	11	-				11	U	ug/kg	11	-			
Trichloroethene	11	U	ug/kg	11	-				11	U	ug/kg	11	-			
Dibromochloromethane	11	U	ug/kg	11	-				11	U	ug/kg	11	-			
1,1,2-Trichloroethane	11	U	ug/kg	11	-				11	U	ug/kg	11	-			
Benzene	11	U	ug/kg	11	-				11	U	ug/kg	11	-			
trans-1,3-Dichloropropene	11	U	ug/kg	11	-				11	U	ug/kg	11	-			
Bromoform	11	U	ug/kg	11	-				11	U	ug/kg	11	-			
4-Methyl-2-pentanone	11	U	ug/kg	11	-				11	U	ug/kg	11	-			
2-Hexanone	11	U	ug/kg	11	-				11	U	ug/kg	11	-			
Tetrachloroethene	11	U	ug/kg	11	-				11	U	ug/kg	11	-			
Toluene	11	U	ug/kg	11	-				11	U	ug/kg	11	-			
1,1,2,2-Tetrachloroethane	11	U	ug/kg	11	-				11	U	ug/kg	11	-			
Chlorobenzene	11	U	ug/kg	11	-				11	U	ug/kg	11	-			
Ethylbenzene	11	U	ug/kg	11	-				11	U	ug/kg	11	-			
Styrene	11	U	ug/kg	11	-				11	U	ug/kg	11	-			
Xylenes (total)	11	U	ug/kg	11	-				11	U	ug/kg	11	-			

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08/01/93 WHITING FIELD ANALYTICAL RESULT REPORT 17:22:02
SOIL BORING -- VOLATILES - VALIDATED RESULTS

Lab Sample Number:	34846011				34846012				34846012			
Site	WHITING				WHITING				WHITING			
Locator	32SB6-45-47				32SB6-45-47A				32SB6-45-47A			
Collect Date:	12-JAN-93				12-JAN-93				12-JAN-93			
	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL
CLP VOLATILES 90-SOW												
Chloromethane	11	U	ug/kg	11	-				11	UJ	ug/kg	11
Bromomethane	11	U	ug/kg	11	-				11	U	ug/kg	11
Vinyl chloride	11	U	ug/kg	11	-				11	U	ug/kg	11
Chloroethane	11	U	ug/kg	11	-				11	U	ug/kg	11
Methylene chloride	11	U	ug/kg	11	-				11	U	ug/kg	11
Acetone	72		ug/kg	11	-				95		ug/kg	11
Carbon disulfide	11	U	ug/kg	11	-				11	U	ug/kg	11
1,1-Dichloroethene	11	U	ug/kg	11	-				11	U	ug/kg	11
1,1-Dichloroethane	11	U	ug/kg	11	-				11	U	ug/kg	11
1,2-Dichloroethene (total)	11	U	ug/kg	11	-				11	U	ug/kg	11
Chloroform	11	U	ug/kg	11	-				11	U	ug/kg	11
1,2-Dichloroethane	11	U	ug/kg	11	-				11	U	ug/kg	11
2-Butanone	11	U	ug/kg	11	-				11	U	ug/kg	11
1,1,1-Trichloroethane	11	U	ug/kg	11	-				11	U	ug/kg	11
Carbon tetrachloride	11	U	ug/kg	11	-				11	U	ug/kg	11
Bromodichloromethane	11	U	ug/kg	11	-				11	U	ug/kg	11
1,2-Dichloropropane	11	U	ug/kg	11	-				11	U	ug/kg	11
cis-1,3-Dichloropropene	11	U	ug/kg	11	-				11	U	ug/kg	11
Trichloroethene	11	U	ug/kg	11	-				11	U	ug/kg	11
Dibromochloromethane	11	U	ug/kg	11	-				11	U	ug/kg	11
1,1,2-Trichloroethane	11	U	ug/kg	11	-				11	U	ug/kg	11
Benzene	11	U	ug/kg	11	-				11	U	ug/kg	11
trans-1,3-Dichloropropene	11	U	ug/kg	11	-				11	U	ug/kg	11
Bromoform	11	U	ug/kg	11	-				11	U	ug/kg	11
4-Methyl-2-pentanone	11	U	ug/kg	11	-				11	U	ug/kg	11
2-Hexanone	11	U	ug/kg	11	-				11	U	ug/kg	11
Tetrachloroethene	11	U	ug/kg	11	-				11	U	ug/kg	11
Toluene	11	U	ug/kg	11	-				11	U	ug/kg	11
1,1,2,2-Tetrachloroethane	11	U	ug/kg	11	-				11	U	ug/kg	11
Chlorobenzene	11	U	ug/kg	11	-				11	U	ug/kg	11
Ethylbenzene	11	U	ug/kg	11	-				11	U	ug/kg	11
Styrene	11	U	ug/kg	11	-				11	U	ug/kg	11
Xylenes (total)	11	U	ug/kg	11	-				11	U	ug/kg	11

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08/01/93 WHITING FIELD ANALYTICAL RESULT REPORT 17:24:19
SOIL BORING -- VOLATILES - VALIDATED RESULTS

Lab Sample Number:	34938004				34938005				34938006				34956001			
Site	WHITING				WHITING				WHITING				WHITING			
Locator	32SB7-0-2				32SB7-5-7				32SB7-15-17				32SB7-30-32			
Collect Date:	20-JAN-93				20-JAN-93				20-JAN-93				21-JAN-93			
	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL
CLP VOLATILES 90-SOW																
Chloromethane	11	U	ug/kg	11	2800	UJ	ug/kg	2800	2900	UJ	ug/kg	2900	-			
Bromomethane	11	U	ug/kg	11	2800	U	ug/kg	2800	2900	U	ug/kg	2900	-			
Vinyl chloride	11	U	ug/kg	11	2800	UJ	ug/kg	2800	2900	UJ	ug/kg	2900	-			
Chloroethane	11	U	ug/kg	11	2800	UJ	ug/kg	2800	2900	UJ	ug/kg	2900	-			
Methylene chloride	11	U	ug/kg	11	2800	U	ug/kg	2800	2900	U	ug/kg	2900	-			
Acetone	15	J	ug/kg	11	2800	U	ug/kg	2800	2900	U	ug/kg	2900	-			
Carbon disulfide	11	U	ug/kg	11	2800	U	ug/kg	2800	2900	U	ug/kg	2900	-			
1,1-Dichloroethene	11	U	ug/kg	11	2800	U	ug/kg	2800	2900	U	ug/kg	2900	-			
1,1-Dichloroethane	11	U	ug/kg	11	2800	U	ug/kg	2800	2900	U	ug/kg	2900	-			
1,2-Dichloroethene (total)	11	U	ug/kg	11	2800	U	ug/kg	2800	2900	U	ug/kg	2900	-			
Chloroform	11	U	ug/kg	11	2800	U	ug/kg	2800	2900	U	ug/kg	2900	-			
1,2-Dichloroethane	11	U	ug/kg	11	2800	U	ug/kg	2800	2900	U	ug/kg	2900	-			
2-Butanone	11	UJ	ug/kg	11	2800	U	ug/kg	2800	2900	U	ug/kg	2900	-			
1,1,1-Trichloroethane	11	U	ug/kg	11	2800	U	ug/kg	2800	2900	U	ug/kg	2900	-			
Carbon tetrachloride	11	U	ug/kg	11	2800	U	ug/kg	2800	2900	U	ug/kg	2900	-			
Bromodichloromethane	11	U	ug/kg	11	2800	U	ug/kg	2800	2900	U	ug/kg	2900	-			
1,2-Dichloropropane	11	U	ug/kg	11	2800	U	ug/kg	2800	2900	U	ug/kg	2900	-			
cis-1,3-Dichloropropene	11	U	ug/kg	11	2800	U	ug/kg	2800	2900	U	ug/kg	2900	-			
Trichloroethene	11	U	ug/kg	11	2800	U	ug/kg	2800	2900	U	ug/kg	2900	-			
Dibromochloromethane	11	U	ug/kg	11	2800	U	ug/kg	2800	2900	U	ug/kg	2900	-			
1,1,2-Trichloroethane	11	U	ug/kg	11	2800	U	ug/kg	2800	2900	U	ug/kg	2900	-			
Benzene	11	U	ug/kg	11	2800	U	ug/kg	2800	2900	U	ug/kg	2900	-			
trans-1,3-Dichloropropene	11	U	ug/kg	11	2800	U	ug/kg	2800	2900	U	ug/kg	2900	-			
Bromoform	11	U	ug/kg	11	2800	U	ug/kg	2800	2900	U	ug/kg	2900	-			
4-Methyl-2-pentanone	11	UJ	ug/kg	11	2800	U	ug/kg	2800	2900	U	ug/kg	2900	-			
2-Hexanone	11	UJ	ug/kg	11	2800	U	ug/kg	2800	2900	U	ug/kg	2900	-			
Tetrachloroethene	11	U	ug/kg	11	2800	U	ug/kg	2800	2900	U	ug/kg	2900	-			
Toluene	11	U	ug/kg	11	2800	U	ug/kg	2800	1100	J	ug/kg	15	-			
1,1,2,2-Tetrachloroethane	11	U	ug/kg	11	2800	U	ug/kg	2800	2900	U	ug/kg	2900	-			
Chlorobenzene	11	U	ug/kg	11	2800	U	ug/kg	2800	2900	U	ug/kg	2900	-			
Ethylbenzene	11	U	ug/kg	11	2800	U	ug/kg	2800	2900	U	ug/kg	2900	-			
Styrene	11	U	ug/kg	11	2800	U	ug/kg	2800	2900	U	ug/kg	2900	-			
Xylenes (total)	11	U	ug/kg	11	2800	U	ug/kg	2800	11000		ug/kg	15	-			

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08/01/93 WHITING FIELD ANALYTICAL RESULT REPORT 17:24:19
SOIL BORING -- VOLATILES - VALIDATED RESULTS

Lab Sample Number:	34956001
Site	WHITING
Locator	32SB7-30-32
Collect Date:	21-JAN-93

	VALUE	QUAL	UNITS	DL
CLP VOLATILES 90-SOW				
Chloromethane	1300	UJ	ug/kg	1300
Bromomethane	1300	U	ug/kg	1300
Vinyl chloride	1300	UJ	ug/kg	1300
Chloroethane	1300	UJ	ug/kg	1300
Methylene chloride	1300	U	ug/kg	1300
Acetone	1300	U	ug/kg	1300
Carbon disulfide	1300	U	ug/kg	1300
1,1-Dichloroethene	1300	U	ug/kg	1300
1,1-Dichloroethane	1300	U	ug/kg	1300
1,2-Dichloroethene (total)	1300	U	ug/kg	1300
Chloroform	1300	U	ug/kg	1300
1,2-Dichloroethane	1300	U	ug/kg	1300
2-Butanone	1300	U	ug/kg	1300
1,1,1-Trichloroethane	1300	U	ug/kg	1300
Carbon tetrachloride	1300	U	ug/kg	1300
Bromodichloromethane	1300	U	ug/kg	1300
1,2-Dichloropropane	1300	U	ug/kg	1300
cis-1,3-Dichloropropene	1300	U	ug/kg	1300
Trichloroethene	1300	U	ug/kg	1300
Dibromochloromethane	1300	U	ug/kg	1300
1,1,2-Trichloroethane	1300	U	ug/kg	1300
Benzene	1300	U	ug/kg	1300
trans-1,3-Dichloropropene	1300	U	ug/kg	1300
Bromoform	1300	U	ug/kg	1300
4-Methyl-2-pentanone	1300	U	ug/kg	1300
2-Hexanone	1300	U	ug/kg	1300
Tetrachloroethene	1300	U	ug/kg	1300
Toluene	1300	U	ug/kg	1300
1,1,2,2-Tetrachloroethane	1300	U	ug/kg	1300
Chlorobenzene	1300	U	ug/kg	1300
Ethylbenzene	1300	U	ug/kg	1300
Styrene	1300	U	ug/kg	1300
Xylenes (total)	770	J	ug/kg	13

U = NOT DETECTED J = ESTIMATED VALUE
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R = RESULT IS REJECTED AND UNUSABLE

08/01/93 WHITING FIELD ANALYTICAL RESULT REPORT 17:25:11
SOIL BORING -- VOLATILES - VALIDATED RESULTS

Lab Sample Number:	34956005				34956004				
Site	WHITING				WHITING				
Locator	32SB8-13-15				32SB8-5-7				
Collect Date:	21-JAN-93				21-JAN-93				
	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	
CLP VOLATILES 90-SOW									
Chloromethane	11	U	ug/kg	11	11	U	ug/kg	11	
Bromomethane	11	U	ug/kg	11	11	U	ug/kg	11	
Vinyl chloride	11	U	ug/kg	11	11	U	ug/kg	11	
Chloroethane	11	U	ug/kg	11	11	U	ug/kg	11	
Methylene chloride	11	U	ug/kg	11	11	U	ug/kg	11	
Acetone	11	U	ug/kg	11	11	U	ug/kg	11	
Carbon disulfide	11	U	ug/kg	11	11	U	ug/kg	11	
1,1-Dichloroethene	11	U	ug/kg	11	11	U	ug/kg	11	
1,1-Dichloroethane	11	U	ug/kg	11	11	U	ug/kg	11	
1,2-Dichloroethene (total)	11	U	ug/kg	11	11	U	ug/kg	11	
Chloroform	11	U	ug/kg	11	11	U	ug/kg	11	
1,2-Dichloroethane	11	UJ	ug/kg	11	11	UJ	ug/kg	11	
2-Butanone	11	UJ	ug/kg	11	11	UJ	ug/kg	11	
1,1,1-Trichloroethane	11	U	ug/kg	11	11	U	ug/kg	11	
Carbon tetrachloride	11	U	ug/kg	11	11	U	ug/kg	11	
Bromodichloromethane	11	U	ug/kg	11	11	U	ug/kg	11	
1,2-Dichloropropane	11	U	ug/kg	11	11	U	ug/kg	11	
cis-1,3-Dichloropropene	11	U	ug/kg	11	11	U	ug/kg	11	
Trichloroethene	11	U	ug/kg	11	11	U	ug/kg	11	
Dibromochloromethane	11	U	ug/kg	11	11	U	ug/kg	11	
1,1,2-Trichloroethane	11	U	ug/kg	11	11	U	ug/kg	11	
Benzene	11	U	ug/kg	11	11	U	ug/kg	11	
trans-1,3-Dichloropropene	11	U	ug/kg	11	11	U	ug/kg	11	
Bromoform	11	U	ug/kg	11	11	U	ug/kg	11	
4-Methyl-2-pentanone	11	UJ	ug/kg	11	11	UJ	ug/kg	11	
2-Hexanone	11	UJ	ug/kg	11	11	UJ	ug/kg	11	
Tetrachloroethene	11	U	ug/kg	11	11	U	ug/kg	11	
Toluene	11	U	ug/kg	11	11	U	ug/kg	11	
1,1,2,2-Tetrachloroethane	11	U	ug/kg	11	11	U	ug/kg	11	
Chlorobenzene	11	U	ug/kg	11	11	U	ug/kg	11	
Ethylbenzene	11	U	ug/kg	11	11	U	ug/kg	11	
Styrene	11	U	ug/kg	11	11	U	ug/kg	11	
Xylenes (total)	11	U	ug/kg	11	11	U	ug/kg	11	

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08/01/93 WHITING FIELD ANALYTICAL RESULT REPORT 17:25:43
SOIL BORING -- VOLATILES - VALIDATED RESULTS

Lab Sample Number:	34848K15				34848015				34956003				34956003			
Site	WHITING				WHITING				WHITING				WHITING			
Locator	32SBRB4				32SBRB4				32SBRB2				32SBRB2			
Collect Date:	12-JAN-93				12-JAN-93				21-JAN-93				21-JAN-93			
	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL
CLP VOLATILES 90-SOW																
Chloromethane	-				10	UJ	ug/l	10	-				10	U	ug/l	10
Bromomethane	-				10	U	ug/l	10	-				10	U	ug/l	10
Vinyl chloride	-				10	U	ug/l	10	-				10	U	ug/l	10
Chloroethane	-				10	U	ug/l	10	-				10	U	ug/l	10
Methylene chloride	-				10	U	ug/l	10	-				10	UJ	ug/l	10
Acetone	-				10	U	ug/l	10	-				10	U	ug/l	10
Carbon disulfide	-				10	U	ug/l	10	-				10	U	ug/l	10
1,1-Dichloroethene	-				10	U	ug/l	10	-				11		ug/l	
1,1-Dichloroethane	-				10	U	ug/l	10	-				10	U	ug/l	10
1,2-Dichloroethene (total)	-				10	U	ug/l	10	-				10	U	ug/l	10
Chloroform	-				10	U	ug/l	10	-				10	U	ug/l	10
1,2-Dichloroethane	-				10	U	ug/l	10	-				10	U	ug/l	10
2-Butanone	-				10	UJ	ug/l	10	-				10	U	ug/l	10
1,1,1-Trichloroethane	-				10	U	ug/l	10	-				10	U	ug/l	10
Carbon tetrachloride	-				10	U	ug/l	10	-				10	U	ug/l	10
Bromodichloromethane	-				10	U	ug/l	10	-				10	U	ug/l	10
1,2-Dichloropropane	-				10	U	ug/l	10	-				10	U	ug/l	10
cis-1,3-Dichloropropene	-				10	U	ug/l	10	-				10	U	ug/l	10
Trichloroethene	-				10	U	ug/l	10	-				10	U	ug/l	10
Dibromochloromethane	-				10	U	ug/l	10	-				10	U	ug/l	10
1,1,2-Trichloroethane	-				10	U	ug/l	10	-				10	U	ug/l	10
Benzene	-				10	U	ug/l	10	-				10	U	ug/l	10
trans-1,3-Dichloropropene	-				10	U	ug/l	10	-				10	U	ug/l	10
Bromoform	-				10	U	ug/l	10	-				10	U	ug/l	10
4-Methyl-2-pentanone	-				10	UJ	ug/l	10	-				10	U	ug/l	10
2-Hexanone	-				10	UJ	ug/l	10	-				10	U	ug/l	10
Tetrachloroethene	-				10	U	ug/l	10	-				10	U	ug/l	10
Toluene	-				10	U	ug/l	10	-				10	U	ug/l	10
1,1,2,2-Tetrachloroethane	-				10	U	ug/l	10	-				10	U	ug/l	10
Chlorobenzene	-				10	U	ug/l	10	-				10	U	ug/l	10
Ethylbenzene	-				10	U	ug/l	10	-				10	U	ug/l	10
Styrene	-				10	U	ug/l	10	-				10	U	ug/l	10
Xylenes (total)	-				10	U	ug/l	10	-				10	U	ug/l	10

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08/01/93 WHITING FIELD ANALYTICAL RESULT REPORT 17:25:43
SOIL BORING -- VOLATILES - VALIDATED RESULTS

Lab Sample Number:		34926003				34956002				34846017				34846018				
Site		WHITING				WHITING				WHITING				WHITING				
Locator		32SBTB02				32SBTB4				32SBTB6				32SBTB7				
Collect Date:		19-JAN-93				21-JAN-93				12-JAN-93				12-JAN-93				
	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL		
CLP VOLATILES 90-SOW																		
Chloromethane	10	U	ug/l	10	10	U	ug/l	10	10	UJ	ug/l	10	10	UJ	ug/l	10		
Bromomethane	10	U	ug/l	10	10	U	ug/l	10	10	U	ug/l	10	10	U	ug/l	10		
Vinyl chloride	10	U	ug/l	10	10	U	ug/l	10	10	U	ug/l	10	10	U	ug/l	10		
Chloroethane	10	UJ	ug/l	10	10	UJ	ug/l	10	10	U	ug/l	10	10	U	ug/l	10		
Methylene chloride	1	J	ug/l	10	1	J	ug/l	10	10	U	ug/l	10	10	U	ug/l	10		
Acetone	10	U	ug/l	10	10	U	ug/l	10	10	U	ug/l	10	10	U	ug/l	10		
Carbon disulfide	10	U	ug/l	10	10	U	ug/l	10	10	U	ug/l	10	10	U	ug/l	10		
1,1-Dichloroethene	10	U	ug/l	10	10	U	ug/l	10	10	U	ug/l	10	10	U	ug/l	10		
1,1-Dichloroethane	10	U	ug/l	10	10	U	ug/l	10	10	U	ug/l	10	10	U	ug/l	10		
1,2-Dichloroethene (total)	10	U	ug/l	10	10	U	ug/l	10	10	U	ug/l	10	10	U	ug/l	10		
Chloroform	18		ug/l	10	18		ug/l	10	10	U	ug/l	10	10	U	ug/l	10		
1,2-Dichloroethane	10	U	ug/l	10	10	U	ug/l	10	10	U	ug/l	10	10	U	ug/l	10		
2-Butanone	10	U	ug/l	10	10	U	ug/l	10	10	UJ	ug/l	10	10	UJ	ug/l	10		
1,1,1-Trichloroethane	10	U	ug/l	10	10	U	ug/l	10	10	U	ug/l	10	10	U	ug/l	10		
Carbon tetrachloride	10	U	ug/l	10	10	U	ug/l	10	10	U	ug/l	10	10	U	ug/l	10		
Bromodichloromethane	10	U	ug/l	10	10	U	ug/l	10	10	U	ug/l	10	10	U	ug/l	10		
1,2-Dichloropropane	10	U	ug/l	10	10	U	ug/l	10	10	U	ug/l	10	10	U	ug/l	10		
cis-1,3-Dichloropropene	10	U	ug/l	10	10	U	ug/l	10	10	U	ug/l	10	10	U	ug/l	10		
Trichloroethene	10	U	ug/l	10	10	U	ug/l	10	10	U	ug/l	10	10	U	ug/l	10		
Dibromochloromethane	10	U	ug/l	10	10	U	ug/l	10	10	U	ug/l	10	10	U	ug/l	10		
1,1,2-Trichloroethane	10	U	ug/l	10	10	U	ug/l	10	10	U	ug/l	10	10	U	ug/l	10		
Benzene	10	U	ug/l	10	10	U	ug/l	10	10	U	ug/l	10	10	U	ug/l	10		
trans-1,3-Dichloropropene	10	U	ug/l	10	10	U	ug/l	10	10	U	ug/l	10	10	U	ug/l	10		
Bromoform	10	U	ug/l	10	10	U	ug/l	10	10	U	ug/l	10	10	U	ug/l	10		
4-Methyl-2-pentanone	10	U	ug/l	10	10	U	ug/l	10	10	UJ	ug/l	10	10	UJ	ug/l	10		
2-Hexanone	10	U	ug/l	10	10	U	ug/l	10	10	UJ	ug/l	10	10	UJ	ug/l	10		
Tetrachloroethene	10	U	ug/l	10	10	U	ug/l	10	10	U	ug/l	10	10	U	ug/l	10		
Toluene	10	U	ug/l	10	10	U	ug/l	10	10	U	ug/l	10	10	U	ug/l	10		
1,1,2,2-Tetrachloroethane	10	U	ug/l	10	10	U	ug/l	10	10	U	ug/l	10	10	U	ug/l	10		
Chlorobenzene	10	U	ug/l	10	10	U	ug/l	10	10	U	ug/l	10	10	U	ug/l	10		
Ethylbenzene	10	U	ug/l	10	10	U	ug/l	10	10	U	ug/l	10	10	U	ug/l	10		
Styrene	10	U	ug/l	10	10	U	ug/l	10	10	U	ug/l	10	10	U	ug/l	10		
Xylenes (total)	10	U	ug/l	10	10	U	ug/l	10	10	U	ug/l	10	10	U	ug/l	10		

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08/01/93 WHITING FIELD ANALYTICAL RESULT REPORT 17:26:53
SOIL BORING -- SEMI-VOLATILES - VALIDATED RESULTS

Lab Sample Number:	34836005				34836005				34836008				34836009					
Site	WHITING				WHITING				WHITING				WHITING					
Locator	32SB1-1-2				32SB1-1-2				32SB1-5-7				32SB1-10-12					
Collect Date:	09-JAN-93				09-JAN-93				09-JAN-93				09-JAN-93					
	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL		
CLP SEMIVOLATILES 90-SOW																		
Phenol	390	U	ug/kg	390	-				390	U	ug/kg	390	380	U	ug/kg	380		
bis(2-Chloroethyl) ether	390	U	ug/kg	390	-				390	U	ug/kg	390	380	U	ug/kg	380		
2-Chlorophenol	390	U	ug/kg	390	-				390	U	ug/kg	390	380	U	ug/kg	380		
1,3-Dichlorobenzene	390	U	ug/kg	390	-				390	U	ug/kg	390	380	U	ug/kg	380		
1,4-Dichlorobenzene	390	U	ug/kg	390	-				390	U	ug/kg	390	380	U	ug/kg	380		
1,2-Dichlorobenzene	390	U	ug/kg	390	-				390	U	ug/kg	390	380	U	ug/kg	380		
2-Methylphenol	390	U	ug/kg	390	-				390	U	ug/kg	390	380	U	ug/kg	380		
2,2-oxybis(1-Chloropropane)	390	U	ug/kg	390	-				390	U	ug/kg	390	380	U	ug/kg	380		
4-Methylphenol	390	U	ug/kg	390	-				390	U	ug/kg	390	380	U	ug/kg	380		
N-Nitroso-di-n-propylamine	390	U	ug/kg	390	-				390	U	ug/kg	390	380	U	ug/kg	380		
Hexachloroethane	390	U	ug/kg	390	-				390	U	ug/kg	390	380	U	ug/kg	380		
Nitrobenzene	390	U	ug/kg	390	-				390	U	ug/kg	390	380	U	ug/kg	380		
Isophorone	390	U	ug/kg	390	-				390	U	ug/kg	390	380	U	ug/kg	380		
2-Nitrophenol	390	U	ug/kg	390	-				390	U	ug/kg	390	380	U	ug/kg	380		
2,4-Dimethylphenol	390	U	ug/kg	390	-				390	U	ug/kg	390	380	U	ug/kg	380		
bis(2-Chloroethoxy) methane	390	U	ug/kg	390	-				390	U	ug/kg	390	380	U	ug/kg	380		
2,4-Dichlorophenol	390	U	ug/kg	390	-				390	U	ug/kg	390	380	U	ug/kg	380		
1,2,4-Trichlorobenzene	390	U	ug/kg	390	-				390	U	ug/kg	390	380	U	ug/kg	380		
Naphthalene	390	UJ	ug/kg	390	-				390	UJ	ug/kg	390	380	UJ	ug/kg	380		
4-Chloroaniline	390	U	ug/kg	390	-				390	U	ug/kg	390	380	U	ug/kg	380		
Hexachlorobutadiene	390	UJ	ug/kg	390	-				390	UJ	ug/kg	390	380	UJ	ug/kg	380		
4-Chloro-3-methylphenol	390	U	ug/kg	390	-				390	U	ug/kg	390	380	U	ug/kg	380		
2-Methylnaphthalene	390	U	ug/kg	390	-				390	U	ug/kg	390	380	U	ug/kg	380		
Hexachlorocyclopentadiene	390	U	ug/kg	390	-				390	U	ug/kg	390	380	U	ug/kg	380		
2,4,6-Trichlorophenol	390	U	ug/kg	390	-				390	U	ug/kg	390	380	U	ug/kg	380		
2,4,5-Trichlorophenol	940	U	ug/kg	940	-				950	U	ug/kg	950	930	U	ug/kg	930		
2-Chloronaphthalene	390	U	ug/kg	390	-				390	U	ug/kg	390	380	U	ug/kg	380		
2-Nitroaniline	940	U	ug/kg	940	-				950	U	ug/kg	950	930	U	ug/kg	930		
Dimethylphthalate	390	U	ug/kg	390	-				390	U	ug/kg	390	380	U	ug/kg	380		
Acenaphthylene	390	U	ug/kg	390	-				390	U	ug/kg	390	380	U	ug/kg	380		
2,6-Dinitrotoluene	390	U	ug/kg	390	-				390	U	ug/kg	390	380	U	ug/kg	380		
3-Nitroaniline	940	U	ug/kg	940	-				950	U	ug/kg	950	930	U	ug/kg	930		
Acenaphthene	390	U	ug/kg	390	-				390	U	ug/kg	390	380	U	ug/kg	380		
2,4-Dinitrophenol	940	U	ug/kg	940	-				950	U	ug/kg	950	930	U	ug/kg	930		
4-Nitrophenol	940	U	ug/kg	940	-				950	U	ug/kg	950	930	U	ug/kg	930		
Dibenzofuran	390	U	ug/kg	390	-				390	U	ug/kg	390	380	U	ug/kg	380		
2,4-Dinitrotoluene	390	U	ug/kg	390	-				390	U	ug/kg	390	380	U	ug/kg	380		
Diethylphthalate	390	U	ug/kg	390	-				390	U	ug/kg	390	380	U	ug/kg	380		
4-Chlorophenyl-phenylether	390	U	ug/kg	390	-				390	U	ug/kg	390	380	U	ug/kg	380		
Fluorene	390	U	ug/kg	390	-				390	U	ug/kg	390	380	U	ug/kg	380		
4-Nitroaniline	940	U	ug/kg	940	-				950	U	ug/kg	950	930	U	ug/kg	930		
4,6-Dinitro-2-methylphenol	940	U	ug/kg	940	-				950	U	ug/kg	950	930	U	ug/kg	930		
N-Nitrosodiphenylamine (1)	390	U	ug/kg	390	-				390	U	ug/kg	390	380	U	ug/kg	380		
4-Bromophenyl-phenylether	390	U	ug/kg	390	-				390	U	ug/kg	390	380	U	ug/kg	380		
Hexachlorobenzene	390	UJ	ug/kg	390	-				390	UJ	ug/kg	390	380	UJ	ug/kg	380		
Pentachlorophenol	940	U	ug/kg	940	-				950	U	ug/kg	950	930	U	ug/kg	930		
Phenanthrene	390	U	ug/kg	390	-				390	U	ug/kg	390	380	U	ug/kg	380		
Anthracene	390	U	ug/kg	390	-				390	U	ug/kg	390	380	U	ug/kg	380		
Carbazole	390	U	ug/kg	390	-				390	U	ug/kg	390	380	U	ug/kg	380		
Di-n-butylphthalate	390	U	ug/kg	390	-				390	U	ug/kg	390	380	U	ug/kg	380		
Fluoranthene	390	UJ	ug/kg	390	-				390	UJ	ug/kg	390	380	UJ	ug/kg	380		
Pyrene	390	U	ug/kg	390	-				390	U	ug/kg	390	380	U	ug/kg	380		
Butylbenzylphthalate	390	U	ug/kg	390	-				390	U	ug/kg	390	380	U	ug/kg	380		

08/01/93 WHITING FIELD ANALYTICAL RESULT REPORT 17:26:53
SOIL BORING -- SEMI-VOLATILES - VALIDATED RESULTS

Lab Sample Number:	34836005				34836005				34836008				34836009					
Site	WHITING				WHITING				WHITING				WHITING					
Locator	32SB1-1-2				32SB1-1-2				32SB1-5-7				32SB1-10-12					
Collect Date:	09-JAN-93				09-JAN-93				09-JAN-93				09-JAN-93					
	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL		
3,3-Dichlorobenzidine	390	UJ	ug/kg	390	-				390	UJ	ug/kg	390	380	UJ	ug/kg	380		
Benzo (a) anthracene	390	U	ug/kg	390	-				390	U	ug/kg	390	380	U	ug/kg	380		
Chrysene	390	U	ug/kg	390	-				390	U	ug/kg	390	380	U	ug/kg	380		
bis(2-Ethylhexyl) phthalate	390	U	ug/kg	390	-				390	U	ug/kg	390	380	U	ug/kg	380		
Di-n-octylphthalate	390	U	ug/kg	390	-				390	U	ug/kg	390	380	U	ug/kg	380		
Benzo (b) fluoranthene	390	U	ug/kg	390	-				390	U	ug/kg	390	380	U	ug/kg	380		
Benzo (k) fluoranthene	390	U	ug/kg	390	-				390	U	ug/kg	390	380	U	ug/kg	380		
Benzo (a) pyrene	390	U	ug/kg	390	-				390	U	ug/kg	390	380	U	ug/kg	380		
Indeno (1,2,3-cd) pyrene	390	U	ug/kg	390	-				390	U	ug/kg	390	380	U	ug/kg	380		
Dibenz (a,h) anthracene	390	U	ug/kg	390	-				390	U	ug/kg	390	380	U	ug/kg	380		
Benzo (g,h,i) perylene	390	U	ug/kg	390	-				390	U	ug/kg	390	380	U	ug/kg	380		

U = NOT DETECTED J = ESTIMATED VALUE
UJ = REPORTED QUANTITATION LIMIT IS QUALIFIED AS ESTIMATED
R = RESULT IS REJECTED AND UNUSABLE

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

32SB1-15-17

Name: CH2M HILL/LRD Contract: S34837

Code: _____ Case No.: S34837 SAS No.: _____ SDG No.: GC-MS

Matrix: (soil/water) SOIL Lab Sample ID: 34837001

Sample wt/vol: 30.0 (g/mL) G Lab File ID: 93M1BN1261

Level: (low/med) LOW Date Received: 01/11/93

% Moisture: 13 decanted: (Y/N) N Date Extracted: 01/12/93

Concentrated Extract Volume: 500.0 (uL) Date Analyzed: 01/27/93

Injection Volume: 2.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) Y pH: 6.2

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
108-95-2	Phenol	380	U
111-44-4	bis(2-Chloroethyl)ether	380	U
95-57-8	2-Chlorophenol	380	U
541-73-1	1,3-Dichlorobenzene	380	U
106-46-7	1,4-Dichlorobenzene	380	U
95-50-1	1,2-Dichlorobenzene	380	U
95-48-7	2-Methylphenol	380	U
108-60-1	2,2'-oxybis(1-Chloropropane)	380	U
106-44-5	4-Methylphenol	380	U
621-64-7	N-Nitroso-di-n-propylamine	380	U
67-72-1	Hexachloroethane	380	U
98-95-3	Nitrobenzene	380	U
78-59-1	Isophorone	380	U
88-75-5	2-Nitrophenol	380	U
105-67-9	2,4-Dimethylphenol	380	U
111-91-1	bis(2-Chloroethoxy)methane	380	U
120-83-2	2,4-Dichlorophenol	380	U
120-82-1	1,2,4-Trichlorobenzene	380	U
91-20-3	Naphthalene	380	U
106-47-8	4-Chloroaniline	380	U
87-68-3	Hexachlorobutadiene	380	U
59-50-7	4-Chloro-3-methylphenol	380	U
91-57-6	2-Methylnaphthalene	380	U
77-47-4	Hexachlorocyclopentadiene	380	U
88-06-2	2,4,6-Trichlorophenol	380	U
95-95-4	2,4,5-Trichlorophenol	380	U
91-58-7	2-Chloronaphthalene	920	U
88-74-4	2-Nitroaniline	380	U
131-11-3	Dimethylphthalate	920	U
208-96-8	Acenaphthylene	380	U
606-20-2	2,6-Dinitrotoluene	380	U
99-09-2	3-Nitroaniline	380	U
83-32-9	Acenaphthene	920	U
		380	U

21

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

32SB1-15-17

Name: CH2M HILL/LRD Contract: S34837

Code: _____ Case No.: S34837 SAS No.: _____ SDG No.: GC-MS

Matrix: (soil/water) SOIL Lab Sample ID: 34837001

Sample wt/vol: 30.0 (g/mL) G Lab File ID: 93M1BN1261

Level: (low/med) LOW Date Received: 01/11/93

% Moisture: 13 decanted: (Y/N) N Date Extracted: 01/12/93

Concentrated Extract Volume: 500.0 (uL) Date Analyzed: 01/27/93

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) Y pH: 6.2

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
51-28-5	2,4-Dinitrophenol	920	U
100-02-7	4-Nitrophenol	920	U
132-64-9	Dibenzofuran	380	U
121-14-2	2,4-Dinitrotoluene	380	U
84-66-2	Diethylphthalate	380	U
7005-72-3	4-Chlorophenyl-phenylether	380	U
86-73-7	Fluorene	380	U
100-01-6	4-Nitroaniline	920	U
534-52-1	4,6-Dinitro-2-methylphenol	920	U
86-30-6	N-Nitrosodiphenylamine (1)	380	U
101-55-3	4-Bromophenyl-phenylether	380	U
118-74-1	Hexachlorobenzene	380	U
87-86-5	Pentachlorophenol	920	U
85-01-8	Phenanthrene	380	U
120-12-7	Anthracene	380	U
86-74-8	Carbazole	380	U
84-74-2	Di-n-butylphthalate	380	U
206-44-0	Fluoranthene	380	U
129-00-0	Pyrene	380	U
85-68-7	Butylbenzylphthalate	380	U
91-94-1	3,3'-Dichlorobenzidine	380	U
56-55-3	Benzo(a)anthracene	380	U
218-01-9	Chrysene	380	U
117-81-7	bis(2-Ethylhexyl)phthalate	380	U
117-84-0	Di-n-octylphthalate	380	U
205-99-2	Benzo(b)fluoranthene	380	U
207-08-9	Benzo(k)fluoranthene	380	U
50-32-8	Benzo(a)pyrene	380	U
193-39-5	Indeno(1,2,3-cd)pyrene	380	U
53-70-3	Dibenz(a,h)anthracene	380	U
191-24-2	Benzo(g,h,i)perylene	380	U

(1) - Cannot be separated from Diphenylamine

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.: 32SB1-15-17

Lab Name: CH2M HILL/LRD Contract: S34837

Lab Code: _____ Case No.: S34837 SAS No.: _____ SDG No.: GC-MS

Matrix: (soil/water) SOIL Lab Sample ID: 34837001

Sample wt/vol: 30.0 (g/mL) G Lab File ID: 93M1BN1261

Level: (low/med) LOW Date Received: 01/11/93

% Moisture: 13 decanted: (Y/N) N Date Extracted: 01/12/93

Concentrated Extract Volume: 500.0 (uL) Date Analyzed: 01/27/93

Injection Volume: 2.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) Y pH: 6.2

Number TICs found: 20 CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	108-21-4	ACETIC ACID, 1-METHYLETHYL E	5.58	3300	BJ
2.	926-82-9	HEPTANE, 3,5-DIMETHYL-	6.02	160	J
3.		UNKNOWN	6.38	54000	J
4.		UNKNOWN	6.60	280	J
5.	3221-61-2	OCTANE, 2-METHYL-	6.75	220	J
6.	52896-87-4	HEPTANE, 4-(1-METHYLETHYL)-	6.92	280	BJ
7.		UNKNOWN	7.92	1000	J
8.		UNKNOWN	8.62	450	J
9.	540-97-6	CYCLOHEXASILOXANE, DODECAMET	15.02	79	BJ
10.	74381-40-1	PROPANOIC ACID, 2-METHYL-, 1	18.89	77	BJ
11.	57-10-3	HEXADECANOIC ACID	22.89	380	BJ
12.		UNKNOWN	24.92	89	J
13.	17301-30-3	UNDECANE, 3,8-DIMETHYL-	27.16	170	BJ
14.	334-56-5	DECANE, 1-FLUORO-	28.04	620	J
15.		UNKNOWN	29.01	260	J
16.		UNKNOWN	29.96	280	J
17.	17301-27-8	UNDECANE, 2,10-DIMETHYL-	30.91	270	J
18.	17312-55-9	DECANE, 3,8-DIMETHYL-	31.91	200	BJ
19.		UNKNOWN	32.91	120	J
20.		UNKNOWN	34.07	160	J

B

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

32SB1-15-17A

Name: CH2M HILL/LRD Contract: S34837

Code: _____ Case No.: S34837 SAS No.: _____ SDG No.: GC-MS

Matrix: (soil/water) SOIL Lab Sample ID: 34837002

Sample wt/vol: 30.0 (g/mL) G Lab File ID: 93M1BN1262

Level: (low/med) LOW Date Received: 01/11/93

% Moisture: 14 decanted: (Y/N) N Date Extracted: 01/12/93

Concentrated Extract Volume: 500.0 (uL) Date Analyzed: 01/27/93

Injection Volume: 2.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) Y pH: 6.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
108-95-2	Phenol	380	U
111-44-4	bis(2-Chloroethyl)ether	380	U
95-57-8	2-Chlorophenol	380	U
541-73-1	1,3-Dichlorobenzene	380	U
106-46-7	1,4-Dichlorobenzene	380	U
95-50-1	1,2-Dichlorobenzene	380	U
95-48-7	2-Methylphenol	380	U
108-60-1	2,2'-oxybis(1-Chloropropane)	380	U
106-44-5	4-Methylphenol	380	U
621-64-7	N-Nitroso-di-n-propylamine	380	U
67-72-1	Hexachloroethane	380	U
98-95-3	Nitrobenzene	380	U
78-59-1	Isophorone	380	U
88-75-5	2-Nitrophenol	380	U
105-67-9	2,4-Dimethylphenol	380	U
111-91-1	bis(2-Chloroethoxy)methane	380	U
120-83-2	2,4-Dichlorophenol	380	U
120-82-1	1,2,4-Trichlorobenzene	380	U
91-20-3	Naphthalene	380	U
106-47-8	4-Chloroaniline	380	U
87-68-3	Hexachlorobutadiene	380	U
59-50-7	4-Chloro-3-methylphenol	380	U
91-57-6	2-Methylnaphthalene	380	U
77-47-4	Hexachlorocyclopentadiene	380	U
88-06-2	2,4,6-Trichlorophenol	380	U
95-95-4	2,4,5-Trichlorophenol	930	U
91-58-7	2-Chloronaphthalene	380	U
88-74-4	2-Nitroaniline	930	U
131-11-3	Dimethylphthalate	380	U
208-96-8	Acenaphthylene	380	U
606-20-2	2,6-Dinitrotoluene	380	U
99-09-2	3-Nitroaniline	930	U
83-32-9	Acenaphthene	380	U

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

32SB1-15-17A

Lab Name: CH2M HILL/LRD Contract: S34837

Lab Code: _____ Case No.: S34837 SAS No.: _____ SDG No.: GC-MS

Matrix: (soil/water) SOIL Lab Sample ID: 34837002

Sample wt/vol: 30.0 (g/mL) G Lab File ID: 93M1BN1262

Level: (low/med) LOW Date Received: 01/11/93

% Moisture: 14 decanted: (Y/N) N Date Extracted: 01/12/93

Concentrated Extract Volume: 500.0 (uL) Date Analyzed: 01/27/93

Injection Volume: 2.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) Y pH: 6.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
51-28-5	2,4-Dinitrophenol	930	U
100-02-7	4-Nitrophenol	930	U
132-64-9	Dibenzofuran	380	U
121-14-2	2,4-Dinitrotoluene	380	U
84-66-2	Diethylphthalate	380	U
7005-72-3	4-Chlorophenyl-phenylether	380	U
86-73-7	Fluorene	380	U
100-01-6	4-Nitroaniline	930	U
534-52-1	4,6-Dinitro-2-methylphenol	930	U
86-30-6	N-Nitrosodiphenylamine (1)	380	U
101-55-3	4-Bromophenyl-phenylether	380	U
118-74-1	Hexachlorobenzene	380	U
87-86-5	Pentachlorophenol	930	U
85-01-8	Phenanthrene	380	U
120-12-7	Anthracene	380	U
86-74-8	Carbazole	380	U
84-74-2	Di-n-butylphthalate	380	U
206-44-0	Fluoranthene	380	U
129-00-0	Pyrene	380	U
85-68-7	Butylbenzylphthalate	380	U
91-94-1	3,3'-Dichlorobenzidine	380	U
56-55-3	Benzo(a)anthracene	380	U
218-01-9	Chrysene	380	U
117-81-7	bis(2-Ethylhexyl)phthalate	380	U
117-84-0	Di-n-octylphthalate	380	U
205-99-2	Benzo(b)fluoranthene	380	U
207-08-9	Benzo(k)fluoranthene	380	U
50-32-8	Benzo(a)pyrene	380	U
193-39-5	Indeno(1,2,3-cd)pyrene	380	U
53-70-3	Dibenz(a,h)anthracene	380	U
191-24-2	Benzo(g,h,i)perylene	380	U

(1) - Cannot be separated from Diphenylamine

1F

EPA SAMPLE NO.

32SB1-15-17A

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Name: CH2M HILL/LRD Contract: S34837

Code: _____ Case No.: S34837 SAS No.: _____ SDG No.: GC-MS

Matrix: (soil/water) SOIL Lab Sample ID: 34837002

Sample wt/vol: 30.0 (g/mL) G Lab File ID: 93M1BN1262

Level: (low/med) LOW Date Received: 01/11/93

% Moisture: 14 decanted: (Y/N) N Date Extracted: 01/12/93

Concentrated Extract Volume: 500.0 (uL) Date Analyzed: 01/27/93

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) Y pH: 6.0

Number TICs found: 20 CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	108-21-4	ACETIC ACID, 1-METHYLETHYL E	5.55	3400	BJ
2.	926-82-9	HEPTANE, 3,5-DIMETHYL-	5.98	170	J
3.		UNKNOWN	6.35	57000	J
4.		UNKNOWN	6.58	290	J
5.	2216-34-4	OCTANE, 4-METHYL-	6.72	220	BJ
6.	52896-87-4	HEPTANE, 4-(1-METHYLETHYL)-	6.88	270	BJ
7.	4305-26-4	2-HEXANONE, 6-(ACETYLOXY)-	7.90	1100	J
8.		UNKNOWN	8.60	380	J
9.	540-97-6	CYCLOHEXASILOXANE, DODECAMET	15.02	81	BJ
10.	74381-40-1	PROPANOIC ACID, 2-METHYL-, 1	18.89	130	BJ
11.	57-10-3	HEXADECANOIC ACID	22.89	460	BJ
12.		UNKNOWN	24.90	120	J
13.	62108-21-8	DECANE, 6-ETHYL-2-METHYL-	27.14	210	J
14.	334-56-5	DECANE, 1-FLUORO-	28.02	720	J
15.	17301-30-3	UNDECANE, 3,8-DIMETHYL-	28.97	270	BJ
16.		UNKNOWN	29.92	280	J
17.	17301-27-8	UNDECANE, 2,10-DIMETHYL-	30.87	290	J
18.	17312-55-9	DECANE, 3,8-DIMETHYL-	31.86	210	BJ
19.		UNKNOWN	32.87	130	J
20.		UNKNOWN	34.04	200	J

08/01/93 WHITING FIELD ANALYTICAL RESULT REPORT 17:26:53
SOIL BORING -- SEMI-VOLATILES - VALIDATED RESULTS

Lab Sample Number:	34836009				34848016				34848016				34846009			
Site	WHITING				WHITING				WHITING				WHITING			
Locator	32SB1-10-12				32SB1-20-22				32SB1-20-22				32SB1-25-27			
Collect Date:	09-JAN-93				12-JAN-93				12-JAN-93				12-JAN-93			
	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL
CLP SEMIVOLATILES 90-SOW																
Phenol	-				350	U	ug/kg	350	-				-			
bis(2-Chloroethyl) ether	-				350	U	ug/kg	350	-				-			
2-Chlorophenol	-				350	U	ug/kg	350	-				-			
1,3-Dichlorobenzene	-				350	U	ug/kg	350	-				-			
1,4-Dichlorobenzene	-				350	U	ug/kg	350	-				-			
1,2-Dichlorobenzene	-				350	U	ug/kg	350	-				-			
2-Methylphenol	-				350	U	ug/kg	350	-				-			
2,2-oxybis(1-Chloropropane)	-				350	U	ug/kg	350	-				-			
4-Methylphenol	-				350	U	ug/kg	350	-				-			
N-Nitroso-di-n-propylamine	-				350	U	ug/kg	350	-				-			
Hexachloroethane	-				350	U	ug/kg	350	-				-			
Nitrobenzene	-				350	U	ug/kg	350	-				-			
Isophorone	-				350	U	ug/kg	350	-				-			
2-Nitrophenol	-				350	U	ug/kg	350	-				-			
2,4-Dimethylphenol	-				350	U	ug/kg	350	-				-			
bis(2-Chloroethoxy) methane	-				350	U	ug/kg	350	-				-			
2,4-Dichlorophenol	-				350	U	ug/kg	350	-				-			
1,2,4-Trichlorobenzene	-				350	U	ug/kg	350	-				-			
Naphthalene	-				350	U	ug/kg	350	-				-			
4-Chloroaniline	-				350	UJ	ug/kg	350	-				-			
Hexachlorobutadiene	-				350	U	ug/kg	350	-				-			
4-Chloro-3-methylphenol	-				350	U	ug/kg	350	-				-			
2-Methylnaphthalene	-				350	U	ug/kg	350	-				-			
Hexachlorocyclopentadiene	-				350	U	ug/kg	350	-				-			
2,4,6-Trichlorophenol	-				350	U	ug/kg	350	-				-			
2,4,5-Trichlorophenol	-				850	U	ug/kg	850	-				-			
2-Chloronaphthalene	-				350	U	ug/kg	350	-				-			
2-Nitroaniline	-				850	U	ug/kg	850	-				-			
Dimethylphthalate	-				350	U	ug/kg	350	-				-			
Acenaphthylene	-				350	U	ug/kg	350	-				-			
2,6-Dinitrotoluene	-				350	U	ug/kg	350	-				-			
3-Nitroaniline	-				850	UJ	ug/kg	850	-				-			
Acenaphthene	-				350	U	ug/kg	350	-				-			
2,4-Dinitrophenol	-				850	UJ	ug/kg	850	-				-			
4-Nitrophenol	-				850	U	ug/kg	850	-				-			
Dibenzofuran	-				350	U	ug/kg	350	-				-			
2,4-Dinitrotoluene	-				350	U	ug/kg	350	-				-			
Diethylphthalate	-				350	U	ug/kg	350	-				-			
4-Chlorophenyl-phenylether	-				350	U	ug/kg	350	-				-			
Fluorene	-				350	U	ug/kg	350	-				-			
4-Nitroaniline	-				850	UJ	ug/kg	850	-				-			
4,6-Dinitro-2-methylphenol	-				850	U	ug/kg	850	-				-			
N-Nitrosodiphenylamine (1)	-				350	U	ug/kg	350	-				-			
4-Bromophenyl-phenylether	-				350	U	ug/kg	350	-				-			
Hexachlorobenzene	-				350	U	ug/kg	350	-				-			
Pentachlorophenol	-				850	UJ	ug/kg	850	-				-			
Phenanthrene	-				350	U	ug/kg	350	-				-			
Anthracene	-				350	U	ug/kg	350	-				-			
Carbazole	-				350	U	ug/kg	350	-				-			
Di-n-butylphthalate	-				350	UJ	ug/kg	350	-				-			
Fluoranthene	-				350	U	ug/kg	350	-				-			
Pyrene	-				350	U	ug/kg	350	-				-			

08/01/93 WHITING FIELD ANALYTICAL RESULT REPORT 17:26:53
SOIL BORING -- SEMI-VOLATILES - VALIDATED RESULTS

Lab Sample Number:	34836009			34848016				34848016			34846009			
Site	WHITING			WHITING				WHITING			WHITING			
Locator	32SB1-10-12			32SB1-20-22				32SB1-20-22			32SB1-25-27			
Collect Date:	09-JAN-93			12-JAN-93				12-JAN-93			12-JAN-93			
	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL
Butylbenzylphthalate	-				350	U	ug/kg	350	-				-			
3,3-Dichlorobenzidine	-				350	UJ	ug/kg	350	-				-			
Benzo (a) anthracene	-				350	U	ug/kg	350	-				-			
Chrysene	-				350	U	ug/kg	350	-				-			
bis(2-Ethylhexyl) phthalate	-				350	U	ug/kg	350	-				-			
Di-n-octylphthalate	-				350	U	ug/kg	350	-				-			
Benzo (b) fluoranthene	-				350	U	ug/kg	350	-				-			
Benzo (k) fluoranthene	-				350	U	ug/kg	350	-				-			
Benzo (a) pyrene	-				350	U	ug/kg	350	-				-			
Indeno (1,2,3-cd) pyrene	-				350	U	ug/kg	350	-				-			
Dibenz (a,h) anthracene	-				350	U	ug/kg	350	-				-			
Benzo (g,h,i) perylene	-				350	U	ug/kg	350	-				-			

U = NOT DETECTED J = ESTIMATED VALUE
UJ = REPORTED QUANTITATION LIMIT IS QUALIFIED AS ESTIMATED
R = RESULT IS REJECTED AND UNUSABLE

08/01/93 WHITING FIELD ANALYTICAL RESULT REPORT 17:26:53
SOIL BORING -- SEMI-VOLATILES - VALIDATED RESULTS

Lab Sample Number:	34846009			34846009			34848017			34848017		
Site	WHITING			WHITING			WHITING			WHITING		
Locator	32SB1-25-27			32SB1-25-27			32SB1-35-37			32SB1-35-37		
Collect Date:	12-JAN-93			12-JAN-93			12-JAN-93			12-JAN-93		
	VALUE QUAL	UNITS	DL	VALUE QUAL	UNITS	DL	VALUE QUAL	UNITS	DL	VALUE QUAL	UNITS	DL
CLP SEMIVOLATILES 90-SOW												
Phenol	-			370 U	ug/kg	370	350 U	ug/kg	350	-		
bis(2-Chloroethyl) ether	-			370 U	ug/kg	370	350 U	ug/kg	350	-		
2-Chlorophenol	-			370 U	ug/kg	370	350 U	ug/kg	350	-		
1,3-Dichlorobenzene	-			370 U	ug/kg	370	350 U	ug/kg	350	-		
1,4-Dichlorobenzene	-			370 U	ug/kg	370	350 U	ug/kg	350	-		
1,2-Dichlorobenzene	-			370 U	ug/kg	370	350 U	ug/kg	350	-		
2-Methylphenol	-			370 U	ug/kg	370	350 U	ug/kg	350	-		
2,2-oxybis(1-Chloropropane)	-			370 U	ug/kg	370	350 U	ug/kg	350	-		
4-Methylphenol	-			370 U	ug/kg	370	350 U	ug/kg	350	-		
N-Nitroso-di-n-propylamine	-			370 U	ug/kg	370	350 U	ug/kg	350	-		
Hexachloroethane	-			370 U	ug/kg	370	350 U	ug/kg	350	-		
Nitrobenzene	-			370 U	ug/kg	370	350 U	ug/kg	350	-		
Isophorone	-			370 U	ug/kg	370	350 U	ug/kg	350	-		
2-Nitrophenol	-			370 U	ug/kg	370	350 U	ug/kg	350	-		
2,4-Dimethylphenol	-			370 U	ug/kg	370	350 U	ug/kg	350	-		
bis(2-Chloroethoxy) methane	-			370 U	ug/kg	370	350 U	ug/kg	350	-		
2,4-Dichlorophenol	-			370 U	ug/kg	370	350 U	ug/kg	350	-		
1,2,4-Trichlorobenzene	-			370 U	ug/kg	370	350 U	ug/kg	350	-		
Naphthalene	-			370 U	ug/kg	370	350 U	ug/kg	350	-		
4-Chloroaniline	-			370 U	ug/kg	370	350 UJ	ug/kg	350	-		
Hexachlorobutadiene	-			370 U	ug/kg	370	350 U	ug/kg	350	-		
4-Chloro-3-methylphenol	-			370 U	ug/kg	370	350 U	ug/kg	350	-		
2-Methylnaphthalene	-			370 U	ug/kg	370	350 U	ug/kg	350	-		
Hexachlorocyclopentadiene	-			370 U	ug/kg	370	350 U	ug/kg	350	-		
2,4,6-Trichlorophenol	-			370 U	ug/kg	370	350 U	ug/kg	350	-		
2,4,5-Trichlorophenol	-			890 U	ug/kg	890	850 U	ug/kg	850	-		
2-Chloronaphthalene	-			370 U	ug/kg	370	350 U	ug/kg	350	-		
2-Nitroaniline	-			890 U	ug/kg	890	850 U	ug/kg	850	-		
Dimethylphthalate	-			370 U	ug/kg	370	350 U	ug/kg	350	-		
Acenaphthylene	-			370 U	ug/kg	370	350 U	ug/kg	350	-		
2,6-Dinitrotoluene	-			370 U	ug/kg	370	350 U	ug/kg	350	-		
3-Nitroaniline	-			890 U	ug/kg	890	850 UJ	ug/kg	850	-		
Acenaphthene	-			370 U	ug/kg	370	350 U	ug/kg	350	-		
2,4-Dinitrophenol	-			890 U	ug/kg	890	850 UJ	ug/kg	850	-		
4-Nitrophenol	-			890 U	ug/kg	890	850 U	ug/kg	850	-		
Dibenzofuran	-			370 U	ug/kg	370	350 U	ug/kg	350	-		
2,4-Dinitrotoluene	-			370 U	ug/kg	370	350 U	ug/kg	350	-		
Diethylphthalate	-			370 U	ug/kg	370	350 U	ug/kg	350	-		
4-Chlorophenyl-phenylether	-			370 U	ug/kg	370	350 U	ug/kg	350	-		
Fluorene	-			370 U	ug/kg	370	350 U	ug/kg	350	-		
4-Nitroaniline	-			890 U	ug/kg	890	850 UJ	ug/kg	850	-		
4,6-Dinitro-2-methylphenol	-			890 U	ug/kg	890	850 U	ug/kg	850	-		
N-Nitrosodiphenylamine (1)	-			370 U	ug/kg	370	350 U	ug/kg	350	-		
4-Bromophenyl-phenylether	-			370 U	ug/kg	370	350 U	ug/kg	350	-		
Hexachlorobenzene	-			370 U	ug/kg	370	350 U	ug/kg	350	-		
Pentachlorophenol	-			890 U	ug/kg	890	850 UJ	ug/kg	850	-		
Phenanthrene	-			370 U	ug/kg	370	350 U	ug/kg	350	-		
Anthracene	-			370 U	ug/kg	370	350 U	ug/kg	350	-		
Carbazole	-			370 U	ug/kg	370	350 U	ug/kg	350	-		
Di-n-butylphthalate	-			370 U	ug/kg	370	350 UJ	ug/kg	350	-		
Fluoranthene	-			370 U	ug/kg	370	350 U	ug/kg	350	-		
Pyrene	-			370 U	ug/kg	370	350 U	ug/kg	350	-		

08/01/93 WHITING FIELD ANALYTICAL RESULT REPORT 17:26:53
SOIL BORING -- SEMI-VOLATILES - VALIDATED RESULTS

Lab Sample Number:	34846009				34846009				34848017				34848017			
Site	WHITING				WHITING				WHITING				WHITING			
Locator	32SB1-25-27				32SB1-25-27				32SB1-35-37				32SB1-35-37			
Collect Date:	12-JAN-93				12-JAN-93				12-JAN-93				12-JAN-93			
	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL
Butylbenzylphthalate	-				370	U	ug/kg	370	350	U	ug/kg	350	-			
3,3-Dichlorobenzidine	-				370	U	ug/kg	370	350	UJ	ug/kg	350	-			
Benzo (a) anthracene	-				370	U	ug/kg	370	350	U	ug/kg	350	-			
Chrysene	-				370	U	ug/kg	370	350	U	ug/kg	350	-			
bis(2-Ethylhexyl) phthalate	-				370	UJ	ug/kg	370	350	U	ug/kg	350	-			
Di-n-octylphthalate	-				370	U	ug/kg	370	350	U	ug/kg	350	-			
Benzo (b) fluoranthene	-				370	U	ug/kg	370	350	U	ug/kg	350	-			
Benzo (k) fluoranthene	-				370	U	ug/kg	370	350	U	ug/kg	350	-			
Benzo (a) pyrene	-				370	U	ug/kg	370	350	U	ug/kg	350	-			
Indeno (1,2,3-cd) pyrene	-				370	U	ug/kg	370	350	U	ug/kg	350	-			
Dibenz (a,h) anthracene	-				370	U	ug/kg	370	350	U	ug/kg	350	-			
Benzo (g,h,i) perylene	-				370	U	ug/kg	370	350	U	ug/kg	350	-			

U = NOT DETECTED J = ESTIMATED VALUE
UJ = REPORTED QUANTITATION LIMIT IS QUALIFIED AS ESTIMATED
R = RESULT IS REJECTED AND UNUSABLE

08/01/93 WHITING FIELD ANALYTICAL RESULT REPORT 17:26:53
SOIL BORING -- SEMI-VOLATILES - VALIDATED RESULTS

Lab Sample Number:	34848018				34848018				34846010				34846010			
Site	WHITING				WHITING				WHITING				WHITING			
Locator	32SB1-35-37A				32SB1-35-37A				32SB1-50-52				32SB1-50-52			
Collect Date:	12-JAN-93				12-JAN-93				12-JAN-93				12-JAN-93			
	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL
CLP SEMIVOLATILES 90-SOW																
Phenol	350	U	ug/kg	350	-				350	U	ug/kg	350	-			
bis(2-Chloroethyl) ether	350	U	ug/kg	350	-				350	U	ug/kg	350	-			
2-Chlorophenol	350	U	ug/kg	350	-				350	U	ug/kg	350	-			
1,3-Dichlorobenzene	350	U	ug/kg	350	-				350	U	ug/kg	350	-			
1,4-Dichlorobenzene	350	U	ug/kg	350	-				350	U	ug/kg	350	-			
1,2-Dichlorobenzene	350	U	ug/kg	350	-				350	U	ug/kg	350	-			
2-Methylphenol	350	U	ug/kg	350	-				350	U	ug/kg	350	-			
2,2-oxybis(1-Chloropropane)	350	U	ug/kg	350	-				350	U	ug/kg	350	-			
4-Methylphenol	350	U	ug/kg	350	-				350	U	ug/kg	350	-			
N-Nitroso-di-n-propylamine	350	U	ug/kg	350	-				350	U	ug/kg	350	-			
Hexachloroethane	350	U	ug/kg	350	-				350	U	ug/kg	350	-			
Nitrobenzene	350	U	ug/kg	350	-				350	U	ug/kg	350	-			
Isophorone	350	U	ug/kg	350	-				350	U	ug/kg	350	-			
2-Nitrophenol	350	U	ug/kg	350	-				350	U	ug/kg	350	-			
2,4-Dimethylphenol	350	U	ug/kg	350	-				350	U	ug/kg	350	-			
bis(2-Chloroethoxy) methane	350	U	ug/kg	350	-				350	U	ug/kg	350	-			
2,4-Dichlorophenol	350	U	ug/kg	350	-				350	U	ug/kg	350	-			
1,2,4-Trichlorobenzene	350	U	ug/kg	350	-				350	U	ug/kg	350	-			
Naphthalene	350	U	ug/kg	350	-				350	U	ug/kg	350	-			
4-Chloroaniline	350	UJ	ug/kg	350	-				350	U	ug/kg	350	-			
Hexachlorobutadiene	350	U	ug/kg	350	-				350	U	ug/kg	350	-			
4-Chloro-3-methylphenol	350	U	ug/kg	350	-				350	U	ug/kg	350	-			
2-Methylnaphthalene	350	U	ug/kg	350	-				350	U	ug/kg	350	-			
Hexachlorocyclopentadiene	350	U	ug/kg	350	-				350	U	ug/kg	350	-			
2,4,6-Trichlorophenol	350	U	ug/kg	350	-				350	U	ug/kg	350	-			
2,4,5-Trichlorophenol	850	U	ug/kg	850	-				850	U	ug/kg	850	-			
2-Chloronaphthalene	350	U	ug/kg	350	-				350	U	ug/kg	350	-			
2-Nitroaniline	850	U	ug/kg	850	-				850	U	ug/kg	850	-			
Dimethylphthalate	350	U	ug/kg	350	-				350	U	ug/kg	350	-			
Acenaphthylene	350	U	ug/kg	350	-				350	U	ug/kg	350	-			
2,6-Dinitrotoluene	350	U	ug/kg	350	-				350	U	ug/kg	350	-			
3-Nitroaniline	850	UJ	ug/kg	850	-				850	U	ug/kg	850	-			
Acenaphthene	350	U	ug/kg	350	-				350	U	ug/kg	350	-			
2,4-Dinitrophenol	850	UJ	ug/kg	850	-				850	U	ug/kg	850	-			
4-Nitrophenol	850	U	ug/kg	850	-				850	U	ug/kg	850	-			
Dibenzofuran	350	U	ug/kg	350	-				350	U	ug/kg	350	-			
2,4-Dinitrotoluene	350	U	ug/kg	350	-				350	U	ug/kg	350	-			
Diethylphthalate	350	U	ug/kg	350	-				350	U	ug/kg	350	-			
4-Chlorophenyl-phenylether	350	U	ug/kg	350	-				350	U	ug/kg	350	-			
Fluorene	350	U	ug/kg	350	-				350	U	ug/kg	350	-			
4-Nitroaniline	850	UJ	ug/kg	850	-				850	U	ug/kg	850	-			
4,6-Dinitro-2-methylphenol	850	U	ug/kg	850	-				850	U	ug/kg	850	-			
N-Nitrosodiphenylamine (1)	350	U	ug/kg	350	-				350	U	ug/kg	350	-			
4-Bromophenyl-phenylether	350	U	ug/kg	350	-				350	U	ug/kg	350	-			
Hexachlorobenzene	350	U	ug/kg	350	-				350	U	ug/kg	350	-			
Pentachlorophenol	850	UJ	ug/kg	850	-				850	U	ug/kg	850	-			
Phenanthrene	350	U	ug/kg	350	-				350	U	ug/kg	350	-			
Anthracene	350	U	ug/kg	350	-				350	U	ug/kg	350	-			
Carbazole	350	U	ug/kg	350	-				350	UJ	ug/kg	350	-			
Di-n-butylphthalate	350	UJ	ug/kg	350	-				350	U	ug/kg	350	-			
Fluoranthene	350	U	ug/kg	350	-				350	U	ug/kg	350	-			
Pyrene	350	U	ug/kg	350	-				350	U	ug/kg	350	-			

08/01/93 WHITING FIELD ANALYTICAL RESULT REPORT 17:26:53
SOIL BORING -- SEMI-VOLATILES - VALIDATED RESULTS

Lab Sample Number:	34848018				34848018				34846010				34846010			
Site	WHITING				WHITING				WHITING				WHITING			
Locator	32SB1-35-37A				32SB1-35-37A				32SB1-50-52				32SB1-50-52			
Collect Date:	12-JAN-93				12-JAN-93				12-JAN-93				12-JAN-93			
	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL
Butylbenzylphthalate	350	U	ug/kg	350	-				350	U	ug/kg	350	-			
3,3-Dichlorobenzidine	350	UJ	ug/kg	350	-				350	UJ	ug/kg	350	-			
Benzo (a) anthracene	350	U	ug/kg	350	-				350	U	ug/kg	350	-			
Chrysene	350	U	ug/kg	350	-				350	U	ug/kg	350	-			
bis(2-Ethylhexyl) phthalate	350	U	ug/kg	350	-				350	U	ug/kg	350	-			
Di-n-octylphthalate	350	U	ug/kg	350	-				350	U	ug/kg	350	-			
Benzo (b) fluoranthene	350	U	ug/kg	350	-				350	U	ug/kg	350	-			
Benzo (k) fluoranthene	350	U	ug/kg	350	-				350	U	ug/kg	350	-			
Benzo (a) pyrene	350	U	ug/kg	350	-				350	U	ug/kg	350	-			
Indeno (1,2,3-cd) pyrene	350	U	ug/kg	350	-				350	U	ug/kg	350	-			
Dibenz (a,h) anthracene	350	U	ug/kg	350	-				350	U	ug/kg	350	-			
Benzo (g,h,i) perylene	350	U	ug/kg	350	-				350	U	ug/kg	350	-			

U = NOT DETECTED J = ESTIMATED VALUE
UJ = [illegible]PORTED QUANTITATION LIMIT IS QUALIFIED AS ESTIMATED
R = [illegible]LT IS REJECTED AND UNUSABLE

08/01/93 WHITING FIELD ANALYTICAL RESULT REPORT 17:30:27
SOIL BORING -- SEMI-VOLATILES - VALIDATED RESULTS

Lab Sample Number:		34836010				34836010				34846006				34846006				
Site		WHITING				WHITING				WHITING				WHITING				
Locator		32SB2-0-2				32SB2-0-2				32SB2-5-7				32SB2-5-7				
Collect Date:		09-JAN-93				09-JAN-93				12-JAN-93				12-JAN-93				
	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL		
CLP SEMIVOLATILES 90-SOW																		
Phenol	370	U	ug/kg	370	-				370	U	ug/kg	370	-					
bis(2-Chloroethyl) ether	370	U	ug/kg	370	-				370	U	ug/kg	370	-					
2-Chlorophenol	370	U	ug/kg	370	-				370	U	ug/kg	370	-					
1,3-Dichlorobenzene	370	U	ug/kg	370	-				370	U	ug/kg	370	-					
1,4-Dichlorobenzene	370	U	ug/kg	370	-				370	U	ug/kg	370	-					
1,2-Dichlorobenzene	370	U	ug/kg	370	-				370	U	ug/kg	370	-					
2-Methylphenol	370	U	ug/kg	370	-				370	U	ug/kg	370	-					
2,2-oxybis(1-Chloropropane)	370	U	ug/kg	370	-				370	U	ug/kg	370	-					
4-Methylphenol	370	U	ug/kg	370	-				370	U	ug/kg	370	-					
N-Nitroso-di-n-propylamine	370	U	ug/kg	370	-				370	U	ug/kg	370	-					
Hexachloroethane	370	U	ug/kg	370	-				370	U	ug/kg	370	-					
Nitrobenzene	370	U	ug/kg	370	-				370	U	ug/kg	370	-					
Isophorone	370	U	ug/kg	370	-				370	U	ug/kg	370	-					
2-Nitrophenol	370	U	ug/kg	370	-				370	U	ug/kg	370	-					
2,4-Dimethylphenol	370	U	ug/kg	370	-				370	U	ug/kg	370	-					
bis(2-Chloroethoxy) methane	370	U	ug/kg	370	-				370	U	ug/kg	370	-					
2,4-Dichlorophenol	370	U	ug/kg	370	-				370	U	ug/kg	370	-					
1,2,4-Trichlorobenzene	370	U	ug/kg	370	-				370	U	ug/kg	370	-					
Naphthalene	370	UJ	ug/kg	370	-				370	U	ug/kg	370	-					
4-Chloroaniline	370	U	ug/kg	370	-				370	U	ug/kg	370	-					
Hexachlorobutadiene	370	UJ	ug/kg	370	-				370	U	ug/kg	370	-					
4-Chloro-3-methylphenol	370	U	ug/kg	370	-				370	U	ug/kg	370	-					
2-Methylnaphthalene	370	U	ug/kg	370	-				370	U	ug/kg	370	-					
Hexachlorocyclopentadiene	370	U	ug/kg	370	-				370	U	ug/kg	370	-					
2,4,6-Trichlorophenol	370	U	ug/kg	370	-				370	U	ug/kg	370	-					
2,4,5-Trichlorophenol	900	U	ug/kg	900	-				900	U	ug/kg	900	-					
2-Chloronaphthalene	370	U	ug/kg	370	-				370	U	ug/kg	370	-					
2-Nitroaniline	900	U	ug/kg	900	-				900	U	ug/kg	900	-					
Dimethylphthalate	370	U	ug/kg	370	-				370	U	ug/kg	370	-					
Acenaphthylene	370	U	ug/kg	370	-				370	U	ug/kg	370	-					
2,6-Dinitrotoluene	370	U	ug/kg	370	-				370	U	ug/kg	370	-					
3-Nitroaniline	900	U	ug/kg	900	-				900	U	ug/kg	900	-					
Acenaphthene	370	U	ug/kg	370	-				370	U	ug/kg	370	-					
2,4-Dinitrophenol	900	U	ug/kg	900	-				900	U	ug/kg	900	-					
4-Nitrophenol	900	U	ug/kg	900	-				900	U	ug/kg	900	-					
Dibenzofuran	370	U	ug/kg	370	-				370	U	ug/kg	370	-					
2,4-Dinitrotoluene	370	U	ug/kg	370	-				370	U	ug/kg	370	-					
Diethylphthalate	370	U	ug/kg	370	-				370	U	ug/kg	370	-					
4-Chlorophenyl-phenylether	370	U	ug/kg	370	-				370	U	ug/kg	370	-					
Fluorene	370	U	ug/kg	370	-				370	U	ug/kg	370	-					
4-Nitroaniline	900	U	ug/kg	900	-				900	U	ug/kg	900	-					
4,6-Dinitro-2-methylphenol	900	U	ug/kg	900	-				900	U	ug/kg	900	-					
N-Nitrosodiphenylamine (1)	370	U	ug/kg	370	-				370	U	ug/kg	370	-					
4-Bromophenyl-phenylether	370	U	ug/kg	370	-				370	U	ug/kg	370	-					
Hexachlorobenzene	370	UJ	ug/kg	370	-				370	U	ug/kg	370	-					
Pentachlorophenol	900	U	ug/kg	900	-				900	U	ug/kg	900	-					
Phenanthrene	370	U	ug/kg	370	-				370	U	ug/kg	370	-					
Anthracene	370	U	ug/kg	370	-				370	U	ug/kg	370	-					
Carbazole	370	U	ug/kg	370	-				39	J	ug/kg	370	-					
Di-n-butylphthalate	370	U	ug/kg	370	-				370	UJ	ug/kg	370	-					
Fluoranthene	370	UJ	ug/kg	370	-				370	U	ug/kg	370	-					
Pyrene	370	U	ug/kg	370	-				370	U	ug/kg	370	-					
Butylbenzylphthalate	370	U	ug/kg	370	-				370	U	ug/kg	370	-					

08/01/93 WHITING FIELD ANALYTICAL RESULT REPORT 17:30:27
SOIL BORING -- SEMI-VOLATILES - VALIDATED RESULTS

Lab Sample Number:	34836010				34836010				34846006				34846006			
Site	WHITING				WHITING				WHITING				WHITING			
Locator	32SB2-0-2				32SB2-0-2				32SB2-5-7				32SB2-5-7			
Collect Date:	09-JAN-93				09-JAN-93				12-JAN-93				12-JAN-93			
	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL
3,3-Dichlorobenzidine	370	UJ	ug/kg	370	-				370	U	ug/kg	370	-			
Benzo (a) anthracene	370	U	ug/kg	370	-				370	U	ug/kg	370	-			
Chrysene	370	U	ug/kg	370	-				370	U	ug/kg	370	-			
bis(2-Ethylhexyl) phthalate	370	U	ug/kg	370	-				370	UJ	ug/kg	370	-			
Di-n-octylphthalate	370	U	ug/kg	370	-				40	J	ug/kg	370	-			
Benzo (b) fluoranthene	370	U	ug/kg	370	-				370	U	ug/kg	370	-			
Benzo (k) fluoranthene	370	U	ug/kg	370	-				370	U	ug/kg	370	-			
Benzo (a) pyrene	370	U	ug/kg	370	-				370	U	ug/kg	370	-			
Indeno (1,2,3-cd) pyrene	370	U	ug/kg	370	-				370	U	ug/kg	370	-			
Dibenz (a,h) anthracene	370	U	ug/kg	370	-				370	U	ug/kg	370	-			
Benzo (g,h,i) perylene	370	U	ug/kg	370	-				370	U	ug/kg	370	-			

U = NOT DETECTED J = ESTIMATED VALUE
UJ = REPORTED QUANTITATION LIMIT IS QUALIFIED AS ESTIMATED
R = RESULT IS REJECTED AND UNUSABLE

08/01/93 WHITING FIELD ANALYTICAL RESULT REPORT 17:30:27
SOIL BORING -- SEMI-VOLATILES - VALIDATED RESULTS

Lab Sample Number:	34846008				34846008			
Site	WHITING				WHITING			
Locator	32SB2-12-14				32SB2-12-14			
Collect Date:	12-JAN-93				12-JAN-93			
	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL
CLP SEMIVOLATILES 90-SOW								
Phenol	380	U	ug/kg	380	-			
bis(2-Chloroethyl) ether	380	U	ug/kg	380	-			
2-Chlorophenol	380	U	ug/kg	380	-			
1,3-Dichlorobenzene	380	U	ug/kg	380	-			
1,4-Dichlorobenzene	380	U	ug/kg	380	-			
1,2-Dichlorobenzene	380	U	ug/kg	380	-			
2-Methylphenol	380	U	ug/kg	380	-			
2,2-oxybis(1-Chloropropane)	380	U	ug/kg	380	-			
4-Methylphenol	380	U	ug/kg	380	-			
N-Nitroso-di-n-propylamine	380	U	ug/kg	380	-			
Hexachloroethane	380	U	ug/kg	380	-			
Nitrobenzene	380	U	ug/kg	380	-			
Isophorone	380	U	ug/kg	380	-			
2-Nitrophenol	380	U	ug/kg	380	-			
2,4-Dimethylphenol	380	U	ug/kg	380	-			
bis(2-Chloroethoxy) methane	380	U	ug/kg	380	-			
2,4-Dichlorophenol	380	U	ug/kg	380	-			
1,2,4-Trichlorobenzene	380	U	ug/kg	380	-			
Naphthalene	380	U	ug/kg	380	-			
4-Chloroaniline	380	U	ug/kg	380	-			
Hexachlorobutadiene	380	U	ug/kg	380	-			
4-Chloro-3-methylphenol	380	U	ug/kg	380	-			
2-Methylnaphthalene	380	U	ug/kg	380	-			
Hexachlorocyclopentadiene	380	U	ug/kg	380	-			
2,4,6-Trichlorophenol	380	U	ug/kg	380	-			
2,4,5-Trichlorophenol	930	U	ug/kg	930	-			
2-Chloronaphthalene	380	U	ug/kg	380	-			
2-Nitroaniline	930	U	ug/kg	930	-			
Dimethylphthalate	380	U	ug/kg	380	-			
Acenaphthylene	380	U	ug/kg	380	-			
2,6-Dinitrotoluene	380	U	ug/kg	380	-			
3-Nitroaniline	930	U	ug/kg	930	-			
Acenaphthene	380	U	ug/kg	380	-			
2,4-Dinitrophenol	930	U	ug/kg	930	-			
4-Nitrophenol	930	U	ug/kg	930	-			
Dibenzofuran	380	U	ug/kg	380	-			
2,4-Dinitrotoluene	380	U	ug/kg	380	-			
Diethylphthalate	380	U	ug/kg	380	-			
4-Chlorophenyl-phenylether	380	U	ug/kg	380	-			
Fluorene	380	U	ug/kg	380	-			
4-Nitroaniline	930	U	ug/kg	930	-			
4,6-Dinitro-2-methylphenol	930	U	ug/kg	930	-			
N-Nitrosodiphenylamine (1)	380	U	ug/kg	380	-			
4-Bromophenyl-phenylether	380	U	ug/kg	380	-			
Hexachlorobenzene	380	U	ug/kg	380	-			
Pentachlorophenol	930	U	ug/kg	930	-			
Phenanthrene	380	U	ug/kg	380	-			
Anthracene	380	U	ug/kg	380	-			
Carbazole	380	U	ug/kg	380	-			
Di-n-butylphthalate	380	U	ug/kg	380	-			
Fluoranthene	380	U	ug/kg	380	-			
Pyrene	380	U	ug/kg	380	-			

08/01/93 WHITING FIELD ANALYTICAL RESULT REPORT 17:30:27
SOIL BORING -- SEMI-VOLATILES - VALIDATED RESULTS

Lab Sample Number:	34846008				34846008			
Site	WHITING				WHITING			
Locator	32SB2-12-14				32SB2-12-14			
Collect Date:	12-JAN-93				12-JAN-93			
	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL
Butylbenzylphthalate	380	U	ug/kg	380	-			
3,3-Dichlorobenzidine	380	U	ug/kg	380	-			
Benzo (a) anthracene	380	U	ug/kg	380	-			
Chrysene	380	U	ug/kg	380	-			
bis(2-Ethylhexyl) phthalate	380	UJ	ug/kg	380	-			
Di-n-octylphthalate	380	U	ug/kg	380	-			
Benzo (b) fluoranthene	380	U	ug/kg	380	-			
Benzo (k) fluoranthene	380	U	ug/kg	380	-			
Benzo (a) pyrene	380	U	ug/kg	380	-			
Indeno (1,2,3-cd) pyrene	380	U	ug/kg	380	-			
Dibenz (a,h) anthracene	380	U	ug/kg	380	-			
Benzo (g,h,i) perylene	380	U	ug/kg	380	-			

U = NOT DETECTED J = ESTIMATED VALUE
UJ = REPORTED QUANTITATION LIMIT IS QUALIFIED AS ESTIMATED
R = RESULT IS REJECTED AND UNUSABLE

08/01/93 WHITING FIELD ANALYTICAL RESULT REPORT 17:32:06
SOIL BORING -- SEMI-VOLATILES - VALIDATED RESULTS

Lab Sample Number:	34846002				34846002				34846003				34846003			
Site	WHITING				WHITING				WHITING				WHITING			
Locator	32SB3-0-2				32SB3-0-2				32SB3-0-2A				32SB3-0-2A			
Collect Date:	12-JAN-93				12-JAN-93				12-JAN-93				12-JAN-93			
	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL
CLP SEMIVOLATILES 90-SOW																
Phenol	350	U	ug/kg	350	-				350	U	ug/kg	350	-			
bis(2-Chloroethyl) ether	350	U	ug/kg	350	-				350	U	ug/kg	350	-			
2-Chlorophenol	350	U	ug/kg	350	-				350	U	ug/kg	350	-			
1,3-Dichlorobenzene	350	U	ug/kg	350	-				350	U	ug/kg	350	-			
1,4-Dichlorobenzene	350	U	ug/kg	350	-				350	U	ug/kg	350	-			
1,2-Dichlorobenzene	350	U	ug/kg	350	-				350	U	ug/kg	350	-			
2-Methylphenol	350	U	ug/kg	350	-				350	U	ug/kg	350	-			
2,2-oxybis(1-Chloropropane)	350	U	ug/kg	350	-				350	U	ug/kg	350	-			
4-Methylphenol	350	U	ug/kg	350	-				350	U	ug/kg	350	-			
N-Nitroso-di-n-propylamine	350	U	ug/kg	350	-				350	U	ug/kg	350	-			
Hexachloroethane	350	U	ug/kg	350	-				350	U	ug/kg	350	-			
Nitrobenzene	350	U	ug/kg	350	-				350	U	ug/kg	350	-			
Isophorone	350	U	ug/kg	350	-				350	U	ug/kg	350	-			
2-Nitrophenol	350	U	ug/kg	350	-				350	U	ug/kg	350	-			
2,4-Dimethylphenol	350	U	ug/kg	350	-				350	U	ug/kg	350	-			
bis(2-Chloroethoxy) methane	350	U	ug/kg	350	-				350	U	ug/kg	350	-			
2,4-Dichlorophenol	350	U	ug/kg	350	-				350	U	ug/kg	350	-			
1,2,4-Trichlorobenzene	350	U	ug/kg	350	-				350	U	ug/kg	350	-			
Naphthalene	1700		ug/kg	350	-				1400		ug/kg	350	-			
4-Chloroaniline	350	U	ug/kg	350	-				350	U	ug/kg	350	-			
Hexachlorobutadiene	350	U	ug/kg	350	-				350	U	ug/kg	350	-			
4-Chloro-3-methylphenol	350	U	ug/kg	350	-				350	U	ug/kg	350	-			
2-Methylnaphthalene	810		ug/kg	350	-				620		ug/kg	350	-			
Hexachlorocyclopentadiene	350	U	ug/kg	350	-				350	U	ug/kg	350	-			
2,4,6-Trichlorophenol	350	U	ug/kg	350	-				350	U	ug/kg	350	-			
2,4,5-Trichlorophenol	860	U	ug/kg	860	-				860	U	ug/kg	860	-			
2-Chloronaphthalene	350	U	ug/kg	350	-				350	U	ug/kg	350	-			
2-Nitroaniline	860	U	ug/kg	860	-				860	U	ug/kg	860	-			
Dimethylphthalate	350	U	ug/kg	350	-				350	U	ug/kg	350	-			
Acenaphthylene	350	U	ug/kg	350	-				350	U	ug/kg	350	-			
2,6-Dinitrotoluene	350	U	ug/kg	350	-				350	U	ug/kg	350	-			
3-Nitroaniline	860	U	ug/kg	860	-				860	U	ug/kg	860	-			
Acenaphthene	350	U	ug/kg	350	-				350	U	ug/kg	350	-			
2,4-Dinitrophenol	860	U	ug/kg	860	-				860	U	ug/kg	860	-			
4-Nitrophenol	860	U	ug/kg	860	-				860	U	ug/kg	860	-			
Dibenzofuran	350	U	ug/kg	350	-				350	U	ug/kg	350	-			
2,4-Dinitrotoluene	350	U	ug/kg	350	-				350	U	ug/kg	350	-			
Diethylphthalate	350	U	ug/kg	350	-				350	U	ug/kg	350	-			
4-Chlorophenyl-phenylether	350	U	ug/kg	350	-				350	U	ug/kg	350	-			
Fluorene	350	U	ug/kg	350	-				350	U	ug/kg	350	-			
4-Nitroaniline	860	U	ug/kg	860	-				860	U	ug/kg	860	-			
4,6-Dinitro-2-methylphenol	860	U	ug/kg	860	-				860	U	ug/kg	860	-			
N-Nitrosodiphenylamine (1)	350	U	ug/kg	350	-				350	U	ug/kg	350	-			
4-Bromophenyl-phenylether	350	U	ug/kg	350	-				350	U	ug/kg	350	-			
Hexachlorobenzene	350	U	ug/kg	350	-				350	U	ug/kg	350	-			
Pentachlorophenol	860	U	ug/kg	860	-				860	U	ug/kg	860	-			
Phenanthrene	120	J	ug/kg	350	-				63	J	ug/kg	350	-			
Anthracene	350	U	ug/kg	350	-				350	U	ug/kg	350	-			
Carbazole	350	U	ug/kg	350	-				350	U	ug/kg	350	-			
Di-n-butylphthalate	350	U	ug/kg	350	-				350	U	ug/kg	350	-			
Fluoranthene	53	J	ug/kg	350	-				350	U	ug/kg	350	-			
Pyrene	36	J	ug/kg	350	-				350	U	ug/kg	350	-			
Butylbenzylphthalate	350	U	ug/kg	350	-				350	U	ug/kg	350	-			

08/01/93 WHITING FIELD ANALYTICAL RESULT REPORT 17:32:06
SOIL BORING -- SEMI-VOLATILES - VALIDATED RESULTS

Lab Sample Number:	34846002				34846002				34846003				34846003			
Site	WHITING				WHITING				WHITING				WHITING			
Locator	32SB3-0-2				32SB3-0-2				32SB3-0-2A				32SB3-0-2A			
Collect Date:	12-JAN-93				12-JAN-93				12-JAN-93				12-JAN-93			
	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL
3,3-Dichlorobenzidine	350	U	ug/kg	350	-				350	U	ug/kg	350	-			
Benzo (a) anthracene	350	U	ug/kg	350	-				350	U	ug/kg	350	-			
Chrysene	350	U	ug/kg	350	-				350	U	ug/kg	350	-			
bis(2-Ethylhexyl) phthalate	350	UJ	ug/kg	350	-				350	UJ	ug/kg	350	-			
Di-n-octylphthalate	350	U	ug/kg	350	-				350	U	ug/kg	350	-			
Benzo (b) fluoranthene	350	U	ug/kg	350	-				350	U	ug/kg	350	-			
Benzo (k) fluoranthene	350	U	ug/kg	350	-				350	U	ug/kg	350	-			
Benzo (a) pyrene	350	U	ug/kg	350	-				350	U	ug/kg	350	-			
Indeno (1,2,3-cd) pyrene	350	U	ug/kg	350	-				350	U	ug/kg	350	-			
Dibenz (a,h) anthracene	350	U	ug/kg	350	-				350	U	ug/kg	350	-			
Benzo (g,h,i) perylene	350	U	ug/kg	350	-				350	U	ug/kg	350	-			

U = NOT DETECTED J = ESTIMATED VALUE
UJ = REPORTED QUANTITATION LIMIT IS QUALIFIED AS ESTIMATED
R = RESULT IS REJECTED AND UNUSABLE

08/01/93 WHITING FIELD ANALYTICAL RESULT REPORT 17:32:06
SOIL BORING -- SEMI-VOLATILES - VALIDATED RESULTS

Lab Sample Number:	34846001				34846001			34846004			34846004		
Site	WHITING				WHITING			WHITING			WHITING		
Locator	32SB3-5-7				32SB3-5-7			32SB3-10-12			32SB3-10-12		
Collect Date:	12-JAN-93				12-JAN-93			12-JAN-93			12-JAN-93		
	VALUE	QUAL	UNITS	DL	VALUE	QUAL	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL
CLP SEMIVOLATILES 90-SOW															
Phenol	360	U	ug/kg	360	-			390	U	ug/kg	390	-			
bis(2-Chloroethyl) ether	360	U	ug/kg	360	-			390	U	ug/kg	390	-			
2-Chlorophenol	360	U	ug/kg	360	-			390	U	ug/kg	390	-			
1,3-Dichlorobenzene	360	U	ug/kg	360	-			390	U	ug/kg	390	-			
1,4-Dichlorobenzene	360	U	ug/kg	360	-			390	U	ug/kg	390	-			
1,2-Dichlorobenzene	360	U	ug/kg	360	-			390	U	ug/kg	390	-			
2-Methylphenol	360	U	ug/kg	360	-			390	U	ug/kg	390	-			
2,2-oxybis(1-Chloropropane)	360	U	ug/kg	360	-			390	U	ug/kg	390	-			
4-Methylphenol	360	U	ug/kg	360	-			390	U	ug/kg	390	-			
N-Nitroso-di-n-propylamine	360	U	ug/kg	360	-			390	U	ug/kg	390	-			
Hexachloroethane	360	U	ug/kg	360	-			390	U	ug/kg	390	-			
Nitrobenzene	360	U	ug/kg	360	-			390	U	ug/kg	390	-			
Isophorone	360	U	ug/kg	360	-			390	U	ug/kg	390	-			
2-Nitrophenol	360	U	ug/kg	360	-			390	U	ug/kg	390	-			
2,4-Dimethylphenol	360	U	ug/kg	360	-			390	U	ug/kg	390	-			
bis(2-Chloroethoxy) methane	360	U	ug/kg	360	-			390	U	ug/kg	390	-			
2,4-Dichlorophenol	360	U	ug/kg	360	-			390	U	ug/kg	390	-			
1,2,4-Trichlorobenzene	360	U	ug/kg	360	-			390	U	ug/kg	390	-			
Naphthalene	360	U	ug/kg	360	-			390	U	ug/kg	390	-			
4-Chloroaniline	360	U	ug/kg	360	-			390	U	ug/kg	390	-			
Hexachlorobutadiene	360	U	ug/kg	360	-			390	U	ug/kg	390	-			
4-Chloro-3-methylphenol	360	U	ug/kg	360	-			390	U	ug/kg	390	-			
2-Methylnaphthalene	360	U	ug/kg	360	-			390	U	ug/kg	390	-			
Hexachlorocyclopentadiene	360	U	ug/kg	360	-			390	U	ug/kg	390	-			
2,4,6-Trichlorophenol	360	U	ug/kg	360	-			390	U	ug/kg	390	-			
2,4,5-Trichlorophenol	880	U	ug/kg	880	-			940	U	ug/kg	940	-			
2-Chloronaphthalene	360	U	ug/kg	360	-			390	U	ug/kg	390	-			
2-Nitroaniline	880	U	ug/kg	880	-			940	U	ug/kg	940	-			
Dimethylphthalate	360	U	ug/kg	360	-			390	U	ug/kg	390	-			
Acenaphthylene	360	U	ug/kg	360	-			390	U	ug/kg	390	-			
2,6-Dinitrotoluene	360	U	ug/kg	360	-			390	U	ug/kg	390	-			
3-Nitroaniline	880	U	ug/kg	880	-			940	U	ug/kg	940	-			
Acenaphthene	360	U	ug/kg	360	-			390	U	ug/kg	390	-			
2,4-Dinitrophenol	880	U	ug/kg	880	-			940	U	ug/kg	940	-			
4-Nitrophenol	880	U	ug/kg	880	-			940	U	ug/kg	940	-			
Dibenzofuran	360	U	ug/kg	360	-			390	U	ug/kg	390	-			
2,4-Dinitrotoluene	360	U	ug/kg	360	-			390	U	ug/kg	390	-			
Diethylphthalate	360	U	ug/kg	360	-			390	U	ug/kg	390	-			
4-Chlorophenyl-phenylether	360	U	ug/kg	360	-			390	U	ug/kg	390	-			
Fluorene	360	U	ug/kg	360	-			390	U	ug/kg	390	-			
4-Nitroaniline	880	U	ug/kg	880	-			940	U	ug/kg	940	-			
4,6-Dinitro-2-methylphenol	880	U	ug/kg	880	-			940	U	ug/kg	940	-			
N-Nitrosodiphenylamine (1)	360	U	ug/kg	360	-			390	U	ug/kg	390	-			
4-Bromophenyl-phenylether	360	U	ug/kg	360	-			390	U	ug/kg	390	-			
Hexachlorobenzene	360	U	ug/kg	360	-			390	U	ug/kg	390	-			
Pentachlorophenol	880	U	ug/kg	880	-			940	U	ug/kg	940	-			
Phenanthrene	360	U	ug/kg	360	-			390	U	ug/kg	390	-			
Anthracene	360	U	ug/kg	360	-			390	U	ug/kg	390	-			
Carbazole	360	U	ug/kg	360	-			390	U	ug/kg	390	-			
Di-n-butylphthalate	360	U	ug/kg	360	-			390	U	ug/kg	390	-			
Fluoranthene	39	J	ug/kg	360	-			390	U	ug/kg	390	-			
Pyrene	360	U	ug/kg	360	-			390	U	ug/kg	390	-			

08/01/93 WHITING FIELD ANALYTICAL RESULT REPORT 17:32:06
SOIL BORING -- SEMI-VOLATILES - VALIDATED RESULTS

Lab Sample Number:	34846001				34846001				34846004				34846004			
Site	WHITING				WHITING				WHITING				WHITING			
Locator	32SB3-5-7				32SB3-5-7				32SB3-10-12				32SB3-10-12			
Collect Date:	12-JAN-93				12-JAN-93				12-JAN-93				12-JAN-93			
	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL
Butylbenzylphthalate	360	U	ug/kg	360	-				390	U	ug/kg	390	-			
3,3-Dichlorobenzidine	360	U	ug/kg	360	-				390	U	ug/kg	390	-			
Benzo (a) anthracene	360	U	ug/kg	360	-				390	U	ug/kg	390	-			
Chrysene	360	U	ug/kg	360	-				390	U	ug/kg	390	-			
bis(2-Ethylhexyl) phthalate	360	U	ug/kg	360	-				390	U	ug/kg	390	-			
Di-n-octylphthalate	360	U	ug/kg	360	-				390	U	ug/kg	390	-			
Benzo (b) fluoranthene	360	U	ug/kg	360	-				390	U	ug/kg	390	-			
Benzo (k) fluoranthene	360	U	ug/kg	360	-				390	U	ug/kg	390	-			
Benzo (a) pyrene	360	U	ug/kg	360	-				390	U	ug/kg	390	-			
Indeno (1,2,3-cd) pyrene	360	U	ug/kg	360	-				390	U	ug/kg	390	-			
Dibenz (a,h) anthracene	360	U	ug/kg	360	-				390	U	ug/kg	390	-			
Benzo (g,h,i) perylene	360	U	ug/kg	360	-				390	U	ug/kg	390	-			

U = NOT DETECTED J = ESTIMATED VALUE
UJ = REPORTED QUANTITATION LIMIT IS QUALIFIED AS ESTIMATED
R = RESULT IS REJECTED AND UNUSABLE

08/01/93 WHITING FIELD ANALYTICAL RESULT REPORT 17:32:06
SOIL BORING -- SEMI-VOLATILES - VALIDATED RESULTS

Lab Sample Number:	34846005				34846005				34848001				34848001					
Site	WHITING				WHITING				WHITING				WHITING					
Locator	32SB3-20-22				32SB3-20-22				32SB3-30-32				32SB3-30-32					
Collect Date:	12-JAN-93				12-JAN-93				12-JAN-93				12-JAN-93					
	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL		
CLP SEMIVOLATILES 90-SOW																		
Phenol	370	U	ug/kg	370	-				350	U	ug/kg	350	-					
bis(2-Chloroethyl) ether	370	U	ug/kg	370	-				350	U	ug/kg	350	-					
2-Chlorophenol	370	U	ug/kg	370	-				350	U	ug/kg	350	-					
1,3-Dichlorobenzene	370	U	ug/kg	370	-				350	U	ug/kg	350	-					
1,4-Dichlorobenzene	370	U	ug/kg	370	-				350	U	ug/kg	350	-					
1,2-Dichlorobenzene	370	U	ug/kg	370	-				350	U	ug/kg	350	-					
2-Methylphenol	370	U	ug/kg	370	-				350	U	ug/kg	350	-					
2,2-oxybis(1-Chloropropane)	370	U	ug/kg	370	-				350	U	ug/kg	350	-					
4-Methylphenol	370	U	ug/kg	370	-				350	U	ug/kg	350	-					
N-Nitroso-di-n-propylamine	370	U	ug/kg	370	-				350	U	ug/kg	350	-					
Hexachloroethane	370	U	ug/kg	370	-				350	U	ug/kg	350	-					
Nitrobenzene	370	U	ug/kg	370	-				350	U	ug/kg	350	-					
Isophorone	370	U	ug/kg	370	-				350	U	ug/kg	350	-					
2-Nitrophenol	370	U	ug/kg	370	-				350	U	ug/kg	350	-					
2,4-Dimethylphenol	370	U	ug/kg	370	-				350	U	ug/kg	350	-					
bis(2-Chloroethoxy) methane	370	U	ug/kg	370	-				350	U	ug/kg	350	-					
2,4-Dichlorophenol	370	U	ug/kg	370	-				350	U	ug/kg	350	-					
1,2,4-Trichlorobenzene	370	U	ug/kg	370	-				350	U	ug/kg	350	-					
Naphthalene	370	U	ug/kg	370	-				350	U	ug/kg	350	-					
4-Chloroaniline	370	U	ug/kg	370	-				350	U	ug/kg	350	-					
Hexachlorobutadiene	370	U	ug/kg	370	-				350	U	ug/kg	350	-					
4-Chloro-3-methylphenol	370	U	ug/kg	370	-				350	U	ug/kg	350	-					
2-Methylnaphthalene	370	U	ug/kg	370	-				350	U	ug/kg	350	-					
Hexachlorocyclopentadiene	370	U	ug/kg	370	-				350	U	ug/kg	350	-					
2,4,6-Trichlorophenol	370	U	ug/kg	370	-				350	U	ug/kg	350	-					
2,4,5-Trichlorophenol	910	U	ug/kg	910	-				860	U	ug/kg	860	-					
2-Chloronaphthalene	370	U	ug/kg	370	-				350	U	ug/kg	350	-					
2-Nitroaniline	910	U	ug/kg	910	-				860	U	ug/kg	860	-					
Dimethylphthalate	370	U	ug/kg	370	-				350	U	ug/kg	350	-					
Acenaphthylene	370	U	ug/kg	370	-				350	U	ug/kg	350	-					
2,6-Dinitrotoluene	370	U	ug/kg	370	-				350	U	ug/kg	350	-					
3-Nitroaniline	910	U	ug/kg	910	-				860	U	ug/kg	860	-					
Acenaphthene	370	U	ug/kg	370	-				350	U	ug/kg	350	-					
2,4-Dinitrophenol	910	U	ug/kg	910	-				860	UJ	ug/kg	860	-					
4-Nitrophenol	910	U	ug/kg	910	-				860	U	ug/kg	860	-					
Dibenzofuran	370	U	ug/kg	370	-				350	U	ug/kg	350	-					
2,4-Dinitrotoluene	370	U	ug/kg	370	-				350	U	ug/kg	350	-					
Diethylphthalate	370	U	ug/kg	370	-				350	U	ug/kg	350	-					
4-Chlorophenyl-phenylether	370	U	ug/kg	370	-				350	U	ug/kg	350	-					
Fluorene	370	U	ug/kg	370	-				350	U	ug/kg	350	-					
4-Nitroaniline	910	U	ug/kg	910	-				860	UJ	ug/kg	860	-					
4,6-Dinitro-2-methylphenol	910	U	ug/kg	910	-				860	U	ug/kg	860	-					
N-Nitrosodiphenylamine (1)	370	U	ug/kg	370	-				350	U	ug/kg	350	-					
4-Bromophenyl-phenylether	370	U	ug/kg	370	-				350	U	ug/kg	350	-					
Hexachlorobenzene	370	U	ug/kg	370	-				350	U	ug/kg	350	-					
Pentachlorophenol	910	U	ug/kg	910	-				860	UJ	ug/kg	860	-					
Phenanthrene	370	U	ug/kg	370	-				350	U	ug/kg	350	-					
Anthracene	370	U	ug/kg	370	-				350	U	ug/kg	350	-					
Carbazole	370	U	ug/kg	370	-				350	U	ug/kg	350	-					
Di-n-butylphthalate	370	U	ug/kg	370	-				350	U	ug/kg	350	-					
Fluoranthene	370	U	ug/kg	370	-				350	U	ug/kg	350	-					
Pyrene	370	U	ug/kg	370	-				350	U	ug/kg	350	-					

08/01/93 WHITING FIELD ANALYTICAL RESULT REPORT 17:32:06
SOIL BORING -- SEMI-VOLATILES - VALIDATED RESULTS

Lab Sample Number:	34846005				34846005				34848001				34848001			
Site	WHITING				WHITING				WHITING				WHITING			
Locator	32SB3-20-22				32SB3-20-22				32SB3-30-32				32SB3-30-32			
Collect Date:	12-JAN-93				12-JAN-93				12-JAN-93				12-JAN-93			
	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL
Butylbenzylphthalate	370	U	ug/kg	370	-				350	U	ug/kg	350	-			
3,3-Dichlorobenzidine	370	U	ug/kg	370	-				350	U	ug/kg	350	-			
Benzo (a) anthracene	370	U	ug/kg	370	-				350	U	ug/kg	350	-			
Chrysene	370	U	ug/kg	370	-				350	U	ug/kg	350	-			
bis(2-Ethylhexyl) phthalate	370	U	ug/kg	370	-				350	U	ug/kg	350	-			
Di-n-octylphthalate	370	U	ug/kg	370	-				350	U	ug/kg	350	-			
Benzo (b) fluoranthene	370	U	ug/kg	370	-				350	U	ug/kg	350	-			
Benzo (k) fluoranthene	370	U	ug/kg	370	-				350	U	ug/kg	350	-			
Benzo (a) pyrene	370	U	ug/kg	370	-				350	U	ug/kg	350	-			
Indeno (1,2,3-cd) pyrene	370	U	ug/kg	370	-				350	U	ug/kg	350	-			
Dibenz (a,h) anthracene	370	U	ug/kg	370	-				350	U	ug/kg	350	-			
Benzo (g,h,i) perylene	370	U	ug/kg	370	-				350	U	ug/kg	350	-			

U = NOT DETECTED J = ESTIMATED VALUE
UJ = REPORTED QUANTITATION LIMIT IS QUALIFIED AS ESTIMATED
R = RESULT IS REJECTED AND UNUSABLE

08/01/93 WHITING FIELD ANALYTICAL RESULT REPORT 17:34:52
SOIL BORING -- SEMI-VOLATILES - VALIDATED RESULTS

Lab Sample Number:	34848008				34848008				34848009				34848009			
Site	WHITING				WHITING				WHITING				WHITING			
Locator	32SB4-0-2				32SB4-0-2				32SB4-15-17				32SB4-15-17			
Collect Date:	12-JAN-93				12-JAN-93				12-JAN-93				12-JAN-93			
	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL
CLP SEMIVOLATILES 90-SOW																
Phenol	350	U	ug/kg	350	-				390	U	ug/kg	390	-			
bis(2-Chloroethyl) ether	350	U	ug/kg	350	-				390	U	ug/kg	390	-			
2-Chlorophenol	350	U	ug/kg	350	-				390	U	ug/kg	390	-			
1,3-Dichlorobenzene	350	U	ug/kg	350	-				390	U	ug/kg	390	-			
1,4-Dichlorobenzene	350	U	ug/kg	350	-				390	U	ug/kg	390	-			
1,2-Dichlorobenzene	350	U	ug/kg	350	-				390	U	ug/kg	390	-			
2-Methylphenol	350	U	ug/kg	350	-				390	U	ug/kg	390	-			
2,2-oxybis(1-Chloropropane)	350	U	ug/kg	350	-				390	U	ug/kg	390	-			
4-Methylphenol	350	U	ug/kg	350	-				390	U	ug/kg	390	-			
N-Nitroso-di-n-propylamine	350	U	ug/kg	350	-				390	U	ug/kg	390	-			
Hexachloroethane	350	U	ug/kg	350	-				390	U	ug/kg	390	-			
Nitrobenzene	350	U	ug/kg	350	-				390	U	ug/kg	390	-			
Isophorone	350	U	ug/kg	350	-				390	U	ug/kg	390	-			
2-Nitrophenol	350	U	ug/kg	350	-				390	U	ug/kg	390	-			
2,4-Dimethylphenol	350	U	ug/kg	350	-				390	U	ug/kg	390	-			
bis(2-Chloroethoxy) methane	350	U	ug/kg	350	-				390	U	ug/kg	390	-			
2,4-Dichlorophenol	350	U	ug/kg	350	-				390	U	ug/kg	390	-			
1,2,4-Trichlorobenzene	350	U	ug/kg	350	-				390	U	ug/kg	390	-			
Naphthalene	350	U	ug/kg	350	-				390	U	ug/kg	390	-			
4-Chloroaniline	350	U	ug/kg	350	-				390	U	ug/kg	390	-			
Hexachlorobutadiene	350	U	ug/kg	350	-				390	U	ug/kg	390	-			
4-Chloro-3-methylphenol	350	U	ug/kg	350	-				390	U	ug/kg	390	-			
2-Methylnaphthalene	350	U	ug/kg	350	-				390	U	ug/kg	390	-			
Hexachlorocyclopentadiene	350	U	ug/kg	350	-				390	U	ug/kg	390	-			
2,4,6-Trichlorophenol	350	U	ug/kg	350	-				390	U	ug/kg	390	-			
2,4,5-Trichlorophenol	860	U	ug/kg	860	-				950	U	ug/kg	950	-			
2-Chloronaphthalene	350	U	ug/kg	350	-				390	U	ug/kg	390	-			
2-Nitroaniline	860	U	ug/kg	860	-				950	U	ug/kg	950	-			
Dimethylphthalate	350	U	ug/kg	350	-				390	U	ug/kg	390	-			
Acenaphthylene	350	U	ug/kg	350	-				390	U	ug/kg	390	-			
2,6-Dinitrotoluene	350	U	ug/kg	350	-				390	U	ug/kg	390	-			
3-Nitroaniline	860	U	ug/kg	860	-				950	U	ug/kg	950	-			
Acenaphthene	350	U	ug/kg	350	-				390	U	ug/kg	390	-			
2,4-Dinitrophenol	860	UJ	ug/kg	860	-				950	UJ	ug/kg	950	-			
4-Nitrophenol	860	U	ug/kg	860	-				950	U	ug/kg	950	-			
Dibenzofuran	350	U	ug/kg	350	-				390	U	ug/kg	390	-			
2,4-Dinitrotoluene	350	U	ug/kg	350	-				390	U	ug/kg	390	-			
Diethylphthalate	350	U	ug/kg	350	-				390	U	ug/kg	390	-			
4-Chlorophenyl-phenylether	350	U	ug/kg	350	-				390	U	ug/kg	390	-			
Fluorene	350	U	ug/kg	350	-				390	U	ug/kg	390	-			
4-Nitroaniline	860	UJ	ug/kg	860	-				950	UJ	ug/kg	950	-			
4,6-Dinitro-2-methylphenol	860	U	ug/kg	860	-				950	U	ug/kg	950	-			
N-Nitrosodiphenylamine (1)	350	U	ug/kg	350	-				390	U	ug/kg	390	-			
4-Bromophenyl-phenylether	350	U	ug/kg	350	-				390	U	ug/kg	390	-			
Hexachlorobenzene	350	U	ug/kg	350	-				390	U	ug/kg	390	-			
Pentachlorophenol	860	UJ	ug/kg	860	-				950	UJ	ug/kg	950	-			
Phenanthrene	350	U	ug/kg	350	-				390	U	ug/kg	390	-			
Anthracene	350	U	ug/kg	350	-				390	U	ug/kg	390	-			
Carbazole	350	U	ug/kg	350	-				390	U	ug/kg	390	-			
Di-n-butylphthalate	350	UJ	ug/kg	350	-				390	UJ	ug/kg	390	-			
Fluoranthene	350	U	ug/kg	350	-				390	U	ug/kg	390	-			
Pyrene	350	U	ug/kg	350	-				390	U	ug/kg	390	-			
Butylbenzylphthalate	350	U	ug/kg	350	-				390	U	ug/kg	390	-			

08/01/93 WHITING FIELD ANALYTICAL RESULT REPORT 17:34:52
SOIL BORING -- SEMI-VOLATILES - VALIDATED RESULTS

Lab Sample Number:	34848008				34848008				34848009				34848009			
Site	WHITING				WHITING				WHITING				WHITING			
Locator	32SB4-0-2				32SB4-0-2				32SB4-15-17				32SB4-15-17			
Collect Date:	12-JAN-93				12-JAN-93				12-JAN-93				12-JAN-93			
	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL
3,3-Dichlorobenzidine	350	U	ug/kg	350	-				390	U	ug/kg	390	-			
Benzo (a) anthracene	350	U	ug/kg	350	-				390	U	ug/kg	390	-			
Chrysene	350	U	ug/kg	350	-				390	U	ug/kg	390	-			
bis(2-Ethylhexyl) phthalate	350	UJ	ug/kg	350	-				390	U	ug/kg	390	-			
Di-n-octylphthalate	350	U	ug/kg	350	-				390	U	ug/kg	390	-			
Benzo (b) fluoranthene	350	U	ug/kg	350	-				390	U	ug/kg	390	-			
Benzo (k) fluoranthene	350	U	ug/kg	350	-				390	U	ug/kg	390	-			
Benzo (a) pyrene	350	U	ug/kg	350	-				390	U	ug/kg	390	-			
Indeno (1,2,3-cd) pyrene	350	U	ug/kg	350	-				390	U	ug/kg	390	-			
Dibenz (a,h) anthracene	350	U	ug/kg	350	-				390	U	ug/kg	390	-			
Benzo (g,h,i) perylene	350	U	ug/kg	350	-				390	U	ug/kg	390	-			

U = NOT DETECTED J = ESTIMATED VALUE
UJ = [illegible]PORTED QUANTITATION LIMIT IS QUALIFIED AS ESTIMATED
R = [illegible]LT IS REJECTED AND UNUSABLE

08/01/93 WHITING FIELD ANALYTICAL RESULT REPORT 17:34:52
SOIL BORING -- SEMI-VOLATILES - VALIDATED RESULTS

Lab Sample Number:	34848010				34848010				34848011				34848011					
Site	WHITING				WHITING				WHITING				WHITING					
Locator	32SB4-20-22				32SB4-20-22				32SB4-20-22A				32SB4-20-22A					
Collect Date:	12-JAN-93				12-JAN-93				12-JAN-93				12-JAN-93					
	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL		
CLP SEMIVOLATILES 90-SOW																		
Phenol	370	U	ug/kg	370	-				370	U	ug/kg	370	-					
bis(2-Chloroethyl) ether	370	U	ug/kg	370	-				370	U	ug/kg	370	-					
2-Chlorophenol	370	U	ug/kg	370	-				370	U	ug/kg	370	-					
1,3-Dichlorobenzene	370	U	ug/kg	370	-				370	U	ug/kg	370	-					
1,4-Dichlorobenzene	370	U	ug/kg	370	-				370	U	ug/kg	370	-					
1,2-Dichlorobenzene	370	U	ug/kg	370	-				370	U	ug/kg	370	-					
2-Methylphenol	370	U	ug/kg	370	-				370	U	ug/kg	370	-					
2,2-oxybis(1-Chloropropane)	370	U	ug/kg	370	-				370	U	ug/kg	370	-					
4-Methylphenol	370	U	ug/kg	370	-				370	U	ug/kg	370	-					
N-Nitroso-di-n-propylamine	370	U	ug/kg	370	-				370	U	ug/kg	370	-					
Hexachloroethane	370	U	ug/kg	370	-				370	U	ug/kg	370	-					
Nitrobenzene	370	U	ug/kg	370	-				370	U	ug/kg	370	-					
Isophorone	370	U	ug/kg	370	-				370	U	ug/kg	370	-					
2-Nitrophenol	370	U	ug/kg	370	-				370	U	ug/kg	370	-					
2,4-Dimethylphenol	370	U	ug/kg	370	-				370	U	ug/kg	370	-					
bis(2-Chloroethoxy) methane	370	U	ug/kg	370	-				370	U	ug/kg	370	-					
2,4-Dichlorophenol	370	U	ug/kg	370	-				370	U	ug/kg	370	-					
1,2,4-Trichlorobenzene	370	U	ug/kg	370	-				370	U	ug/kg	370	-					
Naphthalene	370	U	ug/kg	370	-				370	U	ug/kg	370	-					
4-Chloroaniline	370	U	ug/kg	370	-				370	UJ	ug/kg	370	-					
Hexachlorobutadiene	370	U	ug/kg	370	-				370	U	ug/kg	370	-					
4-Chloro-3-methylphenol	370	U	ug/kg	370	-				370	U	ug/kg	370	-					
2-Methylnaphthalene	370	U	ug/kg	370	-				370	U	ug/kg	370	-					
Hexachlorocyclopentadiene	370	U	ug/kg	370	-				370	U	ug/kg	370	-					
2,4,6-Trichlorophenol	370	U	ug/kg	370	-				370	U	ug/kg	370	-					
2,4,5-Trichlorophenol	910	U	ug/kg	910	-				910	U	ug/kg	910	-					
2-Chloronaphthalene	370	U	ug/kg	370	-				370	U	ug/kg	370	-					
2-Nitroaniline	910	U	ug/kg	910	-				910	U	ug/kg	910	-					
Dimethylphthalate	370	U	ug/kg	370	-				370	U	ug/kg	370	-					
Acenaphthylene	370	U	ug/kg	370	-				370	U	ug/kg	370	-					
2,6-Dinitrotoluene	370	U	ug/kg	370	-				370	U	ug/kg	370	-					
3-Nitroaniline	910	U	ug/kg	910	-				910	UJ	ug/kg	910	-					
Acenaphthene	370	U	ug/kg	370	-				370	U	ug/kg	370	-					
2,4-Dinitrophenol	910	UJ	ug/kg	910	-				910	UJ	ug/kg	910	-					
4-Nitrophenol	910	U	ug/kg	910	-				910	U	ug/kg	910	-					
Dibenzofuran	370	U	ug/kg	370	-				370	U	ug/kg	370	-					
2,4-Dinitrotoluene	370	U	ug/kg	370	-				370	U	ug/kg	370	-					
Diethylphthalate	370	U	ug/kg	370	-				370	U	ug/kg	370	-					
4-Chlorophenyl-phenylether	370	U	ug/kg	370	-				370	U	ug/kg	370	-					
Fluorene	370	U	ug/kg	370	-				370	U	ug/kg	370	-					
4-Nitroaniline	910	UJ	ug/kg	910	-				910	UJ	ug/kg	910	-					
4,6-Dinitro-2-methylphenol	910	U	ug/kg	910	-				910	U	ug/kg	910	-					
N-Nitrosodiphenylamine (1)	370	U	ug/kg	370	-				370	U	ug/kg	370	-					
4-Bromophenyl-phenylether	370	U	ug/kg	370	-				370	U	ug/kg	370	-					
Hexachlorobenzene	370	U	ug/kg	370	-				370	U	ug/kg	370	-					
Pentachlorophenol	910	UJ	ug/kg	910	-				910	UJ	ug/kg	910	-					
Phenanthrene	370	U	ug/kg	370	-				370	U	ug/kg	370	-					
Anthracene	370	U	ug/kg	370	-				370	U	ug/kg	370	-					
Carbazole	370	U	ug/kg	370	-				370	U	ug/kg	370	-					
Di-n-butylphthalate	370	UJ	ug/kg	370	-				370	UJ	ug/kg	370	-					
Fluoranthene	370	U	ug/kg	370	-				370	U	ug/kg	370	-					
Pyrene	370	U	ug/kg	370	-				370	U	ug/kg	370	-					

08/01/93 WHITING FIELD ANALYTICAL RESULT REPORT 17:34:52
SOIL BORING -- SEMI-VOLATILES - VALIDATED RESULTS

Lab Sample Number:	34848010				34848010				34848011				34848011			
Site	WHITING				WHITING				WHITING				WHITING			
Locator	32SB4-20-22				32SB4-20-22				32SB4-20-22A				32SB4-20-22A			
Collect Date:	12-JAN-93				12-JAN-93				12-JAN-93				12-JAN-93			
	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL
Butylbenzylphthalate	370	U	ug/kg	370	-				370	U	ug/kg	370	-			
3,3-Dichlorobenzidine	370	U	ug/kg	370	-				370	UJ	ug/kg	370	-			
Benzo (a) anthracene	370	U	ug/kg	370	-				370	U	ug/kg	370	-			
Chrysene	370	U	ug/kg	370	-				370	U	ug/kg	370	-			
bis(2-Ethylhexyl) phthalate	370	U	ug/kg	370	-				370	U	ug/kg	370	-			
Di-n-octylphthalate	370	U	ug/kg	370	-				370	U	ug/kg	370	-			
Benzo (b) fluoranthene	370	U	ug/kg	370	-				370	U	ug/kg	370	-			
Benzo (k) fluoranthene	370	U	ug/kg	370	-				370	U	ug/kg	370	-			
Benzo (a) pyrene	370	U	ug/kg	370	-				370	U	ug/kg	370	-			
Indeno (1,2,3-cd) pyrene	370	U	ug/kg	370	-				370	U	ug/kg	370	-			
Dibenz (a,h) anthracene	370	U	ug/kg	370	-				370	U	ug/kg	370	-			
Benzo (g,h,i) perylene	370	U	ug/kg	370	-				370	U	ug/kg	370	-			

U = NOT DETECTED J = ESTIMATED VALUE
UJ = REPORTED QUANTITATION LIMIT IS QUALIFIED AS ESTIMATED
R = RESULT IS REJECTED AND UNUSABLE

08/01/93 WHITING FIELD ANALYTICAL RESULT REPORT 17:34:52
SOIL BORING -- SEMI-VOLATILES - VALIDATED RESULTS

Lab Sample Number:	34848012				34848012				34848013				34848013			
Site	WHITING				WHITING				WHITING				WHITING			
Locator	32SB4-25-27				32SB4-25-27				32SB4-35-37				32SB4-35-37			
Collect Date:	12-JAN-93				12-JAN-93				12-JAN-93				12-JAN-93			
	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL
CLP SEMIVOLATILES 90-SOW																
Phenol	370	U	ug/kg	370	-				350	U	ug/kg	350	-			
bis(2-Chloroethyl) ether	370	U	ug/kg	370	-				350	U	ug/kg	350	-			
2-Chlorophenol	370	U	ug/kg	370	-				350	U	ug/kg	350	-			
1,3-Dichlorobenzene	370	U	ug/kg	370	-				350	U	ug/kg	350	-			
1,4-Dichlorobenzene	370	U	ug/kg	370	-				350	U	ug/kg	350	-			
1,2-Dichlorobenzene	370	U	ug/kg	370	-				350	U	ug/kg	350	-			
2-Methylphenol	370	U	ug/kg	370	-				350	U	ug/kg	350	-			
2,2-oxybis(1-Chloropropane)	370	U	ug/kg	370	-				350	U	ug/kg	350	-			
4-Methylphenol	370	U	ug/kg	370	-				350	U	ug/kg	350	-			
N-Nitroso-di-n-propylamine	370	U	ug/kg	370	-				350	U	ug/kg	350	-			
Hexachloroethane	370	U	ug/kg	370	-				350	U	ug/kg	350	-			
Nitrobenzene	370	U	ug/kg	370	-				350	U	ug/kg	350	-			
Isophorone	370	U	ug/kg	370	-				350	U	ug/kg	350	-			
2-Nitrophenol	370	U	ug/kg	370	-				350	U	ug/kg	350	-			
2,4-Dimethylphenol	370	U	ug/kg	370	-				350	U	ug/kg	350	-			
bis(2-Chloroethoxy) methane	370	U	ug/kg	370	-				350	U	ug/kg	350	-			
2,4-Dichlorophenol	370	U	ug/kg	370	-				350	U	ug/kg	350	-			
1,2,4-Trichlorobenzene	370	U	ug/kg	370	-				350	U	ug/kg	350	-			
Naphthalene	370	U	ug/kg	370	-				350	U	ug/kg	350	-			
4-Chloroaniline	370	UJ	ug/kg	370	-				350	UJ	ug/kg	350	-			
Hexachlorobutadiene	370	U	ug/kg	370	-				350	U	ug/kg	350	-			
4-Chloro-3-methylphenol	370	U	ug/kg	370	-				350	U	ug/kg	350	-			
2-Methylnaphthalene	370	U	ug/kg	370	-				350	U	ug/kg	350	-			
Hexachlorocyclopentadiene	370	U	ug/kg	370	-				350	U	ug/kg	350	-			
2,4,6-Trichlorophenol	370	U	ug/kg	370	-				350	U	ug/kg	350	-			
2,4,5-Trichlorophenol	900	U	ug/kg	900	-				840	U	ug/kg	840	-			
2-Chloronaphthalene	370	U	ug/kg	370	-				350	U	ug/kg	350	-			
2-Nitroaniline	900	U	ug/kg	900	-				840	U	ug/kg	840	-			
Dimethylphthalate	370	U	ug/kg	370	-				350	U	ug/kg	350	-			
Acenaphthylene	370	U	ug/kg	370	-				350	U	ug/kg	350	-			
2,6-Dinitrotoluene	370	U	ug/kg	370	-				350	U	ug/kg	350	-			
3-Nitroaniline	900	UJ	ug/kg	900	-				840	UJ	ug/kg	840	-			
Acenaphthene	370	U	ug/kg	370	-				350	U	ug/kg	350	-			
2,4-Dinitrophenol	900	UJ	ug/kg	900	-				840	UJ	ug/kg	840	-			
4-Nitrophenol	900	U	ug/kg	900	-				840	U	ug/kg	840	-			
Dibenzofuran	370	U	ug/kg	370	-				350	U	ug/kg	350	-			
2,4-Dinitrotoluene	370	U	ug/kg	370	-				350	U	ug/kg	350	-			
Diethylphthalate	370	U	ug/kg	370	-				350	U	ug/kg	350	-			
4-Chlorophenyl-phenylether	370	U	ug/kg	370	-				350	U	ug/kg	350	-			
Fluorene	370	U	ug/kg	370	-				350	U	ug/kg	350	-			
4-Nitroaniline	900	UJ	ug/kg	900	-				840	UJ	ug/kg	840	-			
4,6-Dinitro-2-methylphenol	900	U	ug/kg	900	-				840	U	ug/kg	840	-			
N-Nitrosodiphenylamine (1)	370	U	ug/kg	370	-				350	U	ug/kg	350	-			
4-Bromophenyl-phenylether	370	U	ug/kg	370	-				350	U	ug/kg	350	-			
Hexachlorobenzene	370	U	ug/kg	370	-				350	U	ug/kg	350	-			
Pentachlorophenol	900	UJ	ug/kg	900	-				840	UJ	ug/kg	840	-			
Phenanthrene	370	U	ug/kg	370	-				350	U	ug/kg	350	-			
Anthracene	370	U	ug/kg	370	-				350	U	ug/kg	350	-			
Carbazole	370	U	ug/kg	370	-				350	U	ug/kg	350	-			
Di-n-butylphthalate	370	UJ	ug/kg	370	-				420	UJ	ug/kg	350	-			
Fluoranthene	370	U	ug/kg	370	-				350	U	ug/kg	350	-			
Pyrene	370	U	ug/kg	370	-				350	U	ug/kg	350	-			

SOIL BORING -- SEMI-VOLATILES - VALIDATED RESULTS

Lab Sample Number:	34848012				34848012				34848013				34848013			
Site	WHITING				WHITING				WHITING				WHITING			
Locator	32SB4-25-27				32SB4-25-27				32SB4-35-37				32SB4-35-37			
Collect Date:	12-JAN-93				12-JAN-93				12-JAN-93				12-JAN-93			
	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL
Butylbenzylphthalate	370	U	ug/kg	370	-				350	U	ug/kg	350	-			
3,3-Dichlorobenzidine	370	UJ	ug/kg	370	-				350	UJ	ug/kg	350	-			
Benzo (a) anthracene	370	U	ug/kg	370	-				350	U	ug/kg	350	-			
Chrysene	370	U	ug/kg	370	-				350	U	ug/kg	350	-			
bis(2-Ethylhexyl) phthalate	370	U	ug/kg	370	-				350	U	ug/kg	350	-			
Di-n-octylphthalate	370	U	ug/kg	370	-				350	U	ug/kg	350	-			
Benzo (b) fluoranthene	370	U	ug/kg	370	-				350	U	ug/kg	350	-			
Benzo (k) fluoranthene	370	U	ug/kg	370	-				350	U	ug/kg	350	-			
Benzo (a) pyrene	370	U	ug/kg	370	-				350	U	ug/kg	350	-			
Indeno (1,2,3-cd) pyrene	370	U	ug/kg	370	-				350	U	ug/kg	350	-			
Dibenz (a,h) anthracene	370	U	ug/kg	370	-				350	U	ug/kg	350	-			
Benzo (g,h,i) perylene	370	U	ug/kg	370	-				350	U	ug/kg	350	-			

U = NOT DETECTED J = ESTIMATED VALUE
UJ = REPORTED QUANTITATION LIMIT IS QUALIFIED AS ESTIMATED
R = RESULT IS REJECTED AND UNUSABLE

08/01/93 WHITING FIELD ANALYTICAL RESULT REPORT 17:34:52
SOIL BORING -- SEMI-VOLATILES - VALIDATED RESULTS

Lab Sample Number:	34848014				34848014			
Site	WHITING				WHITING			
Locator	32SB4-45-47				32SB4-45-47			
Collect Date:	12-JAN-93				12-JAN-93			
	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL
CLP SEMIVOLATILES 90-SOW								
Phenol	350	U	ug/kg	350	-			
bis(2-Chloroethyl) ether	350	U	ug/kg	350	-			
2-Chlorophenol	350	U	ug/kg	350	-			
1,3-Dichlorobenzene	350	U	ug/kg	350	-			
1,4-Dichlorobenzene	350	U	ug/kg	350	-			
1,2-Dichlorobenzene	350	U	ug/kg	350	-			
2-Methylphenol	350	U	ug/kg	350	-			
2,2-oxybis(1-Chloropropane)	350	U	ug/kg	350	-			
4-Methylphenol	350	U	ug/kg	350	-			
N-Nitroso-di-n-propylamine	350	U	ug/kg	350	-			
Hexachloroethane	350	U	ug/kg	350	-			
Nitrobenzene	350	U	ug/kg	350	-			
Isophorone	350	U	ug/kg	350	-			
2-Nitrophenol	350	U	ug/kg	350	-			
2,4-Dimethylphenol	350	U	ug/kg	350	-			
bis(2-Chloroethoxy) methane	350	U	ug/kg	350	-			
2,4-Dichlorophenol	350	U	ug/kg	350	-			
1,2,4-Trichlorobenzene	350	U	ug/kg	350	-			
Naphthalene	350	U	ug/kg	350	-			
4-Chloroaniline	350	UJ	ug/kg	350	-			
Hexachlorobutadiene	350	U	ug/kg	350	-			
4-Chloro-3-methylphenol	350	U	ug/kg	350	-			
2-Methylnaphthalene	350	U	ug/kg	350	-			
Hexachlorocyclopentadiene	350	U	ug/kg	350	-			
2,4,6-Trichlorophenol	350	U	ug/kg	350	-			
2,4,5-Trichlorophenol	850	U	ug/kg	850	-			
2-Chloronaphthalene	350	U	ug/kg	350	-			
2-Nitroaniline	850	U	ug/kg	850	-			
Dimethylphthalate	350	U	ug/kg	350	-			
Acenaphthylene	350	U	ug/kg	350	-			
2,6-Dinitrotoluene	350	U	ug/kg	350	-			
3-Nitroaniline	850	UJ	ug/kg	850	-			
Acenaphthene	350	U	ug/kg	350	-			
2,4-Dinitrophenol	850	UJ	ug/kg	850	-			
4-Nitrophenol	850	U	ug/kg	850	-			
Dibenzofuran	350	U	ug/kg	350	-			
2,4-Dinitrotoluene	350	U	ug/kg	350	-			
Diethylphthalate	350	U	ug/kg	350	-			
4-Chlorophenyl-phenylether	350	U	ug/kg	350	-			
Fluorene	350	U	ug/kg	350	-			
4-Nitroaniline	850	UJ	ug/kg	850	-			
4,6-Dinitro-2-methylphenol	850	U	ug/kg	850	-			
N-Nitrosodiphenylamine (1)	350	U	ug/kg	350	-			
4-Bromophenyl-phenylether	350	U	ug/kg	350	-			
Hexachlorobenzene	350	U	ug/kg	350	-			
Pentachlorophenol	850	UJ	ug/kg	850	-			
Phenanthrene	350	U	ug/kg	350	-			
Anthracene	350	U	ug/kg	350	-			
Carbazole	350	U	ug/kg	350	-			
Di-n-butylphthalate	440	UJ	ug/kg	350	-			
Fluoranthene	350	U	ug/kg	350	-			
Pyrene	350	U	ug/kg	350	-			

08/01/93 WHITING FIELD ANALYTICAL RESULT REPORT 17:34:52
SOIL BORING -- SEMI-VOLATILES - VALIDATED RESULTS

Lab Sample Number:	34848014				34848014			
Site	WHITING				WHITING			
Locator	32SB4-45-47				32SB4-45-47			
Collect Date:	12-JAN-93				12-JAN-93			
	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL
Butylbenzylphthalate	350	U	ug/kg	350	-			
3,3-Dichlorobenzidine	350	UJ	ug/kg	350	-			
Benzo (a) anthracene	350	U	ug/kg	350	-			
Chrysene	350	U	ug/kg	350	-			
bis(2-Ethylhexyl) phthalate	350	U	ug/kg	350	-			
Di-n-octylphthalate	350	U	ug/kg	350	-			
Benzo (b) fluoranthene	350	U	ug/kg	350	-			
Benzo (k) fluoranthene	350	U	ug/kg	350	-			
Benzo (a) pyrene	350	U	ug/kg	350	-			
Indeno (1,2,3-cd) pyrene	350	U	ug/kg	350	-			
Dibenz (a,h) anthracene	350	U	ug/kg	350	-			
Benzo (g,h,i) perylene	350	U	ug/kg	350	-			

U = NOT DETECTED J = ESTIMATED VALUE
UJ = [illegible]PORTED QUANTITATION LIMIT IS QUALIFIED AS ESTIMATED
R [illegible]T IS REJECTED AND UNUSABLE

08/01/93 WHITING FIELD ANALYTICAL RESULT REPORT 17:38:01
SOIL BORING -- SEMI-VOLATILES - VALIDATED RESULTS

Lab Sample Number:	34925008				34925009				34925011				34925010			
Site	WHITING				WHITING				WHITING				WHITING			
Locator	32SB5-1-2				32SB5-5-7				32SB5-10-12				32SB5-20-22			
Collect Date:	19-JAN-93				19-JAN-93				19-JAN-93				19-JAN-93			
	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL
CLP SEMIVOLATILES 90-SOW																
Phenol	370	U	ug/kg	370	390	U	ug/kg	390	380	U	ug/kg	380	380	U	ug/kg	380
bis(2-Chloroethyl) ether	370	U	ug/kg	370	390	U	ug/kg	390	380	U	ug/kg	380	380	U	ug/kg	380
2-Chlorophenol	370	U	ug/kg	370	390	U	ug/kg	390	380	U	ug/kg	380	380	U	ug/kg	380
1,3-Dichlorobenzene	370	U	ug/kg	370	390	U	ug/kg	390	380	U	ug/kg	380	380	U	ug/kg	380
1,4-Dichlorobenzene	370	U	ug/kg	370	390	U	ug/kg	390	380	U	ug/kg	380	380	U	ug/kg	380
1,2-Dichlorobenzene	370	U	ug/kg	370	390	U	ug/kg	390	380	U	ug/kg	380	380	U	ug/kg	380
2-Methylphenol	370	U	ug/kg	370	390	U	ug/kg	390	380	U	ug/kg	380	380	U	ug/kg	380
2,2-oxybis(1-Chloropropane)	370	U	ug/kg	370	390	U	ug/kg	390	380	U	ug/kg	380	380	U	ug/kg	380
4-Methylphenol	370	U	ug/kg	370	390	U	ug/kg	390	380	U	ug/kg	380	380	U	ug/kg	380
N-Nitroso-di-n-propylamine	370	U	ug/kg	370	390	U	ug/kg	390	380	U	ug/kg	380	380	U	ug/kg	380
Hexachloroethane	370	U	ug/kg	370	390	U	ug/kg	390	380	U	ug/kg	380	380	U	ug/kg	380
Nitrobenzene	370	U	ug/kg	370	390	U	ug/kg	390	380	U	ug/kg	380	380	U	ug/kg	380
Isophorone	370	U	ug/kg	370	390	U	ug/kg	390	380	U	ug/kg	380	380	U	ug/kg	380
2-Nitrophenol	370	U	ug/kg	370	390	U	ug/kg	390	380	U	ug/kg	380	380	U	ug/kg	380
2,4-Dimethylphenol	370	U	ug/kg	370	390	U	ug/kg	390	380	U	ug/kg	380	380	U	ug/kg	380
bis(2-Chloroethoxy) methane	370	U	ug/kg	370	390	U	ug/kg	390	380	U	ug/kg	380	380	U	ug/kg	380
2,4-Dichlorophenol	370	U	ug/kg	370	390	U	ug/kg	390	380	U	ug/kg	380	380	U	ug/kg	380
1,2,4-Trichlorobenzene	370	U	ug/kg	370	390	U	ug/kg	390	380	U	ug/kg	380	380	U	ug/kg	380
Naphthalene	370	U	ug/kg	370	390	U	ug/kg	390	380	U	ug/kg	380	380	U	ug/kg	380
4-Chloroaniline	370	U	ug/kg	370	390	U	ug/kg	390	380	U	ug/kg	380	380	U	ug/kg	380
Hexachlorobutadiene	370	U	ug/kg	370	390	U	ug/kg	390	380	U	ug/kg	380	380	U	ug/kg	380
4-Chloro-3-methylphenol	370	U	ug/kg	370	390	U	ug/kg	390	380	U	ug/kg	380	380	U	ug/kg	380
2-Methylnaphthalene	370	U	ug/kg	370	390	U	ug/kg	390	380	U	ug/kg	380	380	U	ug/kg	380
Hexachlorocyclopentadiene	370	U	ug/kg	370	390	U	ug/kg	390	380	U	ug/kg	380	380	U	ug/kg	380
2,4,6-Trichlorophenol	370	U	ug/kg	370	390	U	ug/kg	390	380	U	ug/kg	380	380	U	ug/kg	380
2,4,5-Trichlorophenol	890	U	ug/kg	890	940	U	ug/kg	940	930	U	ug/kg	930	930	U	ug/kg	930
2-Chloronaphthalene	370	U	ug/kg	370	390	U	ug/kg	390	380	U	ug/kg	380	380	U	ug/kg	380
2-Nitroaniline	890	U	ug/kg	890	940	U	ug/kg	940	930	U	ug/kg	930	930	U	ug/kg	930
Dimethylphthalate	370	U	ug/kg	370	390	U	ug/kg	390	380	U	ug/kg	380	380	U	ug/kg	380
Acenaphthylene	370	U	ug/kg	370	390	U	ug/kg	390	380	U	ug/kg	380	380	U	ug/kg	380
2,6-Dinitrotoluene	370	U	ug/kg	370	390	U	ug/kg	390	380	U	ug/kg	380	380	U	ug/kg	380
3-Nitroaniline	890	U	ug/kg	890	940	U	ug/kg	940	930	U	ug/kg	930	930	U	ug/kg	930
Acenaphthene	370	U	ug/kg	370	390	U	ug/kg	390	380	U	ug/kg	380	380	U	ug/kg	380
2,4-Dinitrophenol	890	U	ug/kg	890	940	U	ug/kg	940	930	U	ug/kg	930	930	U	ug/kg	930
4-Nitrophenol	890	U	ug/kg	890	940	U	ug/kg	940	930	U	ug/kg	930	930	U	ug/kg	930
Dibenzofuran	370	U	ug/kg	370	390	U	ug/kg	390	380	U	ug/kg	380	380	U	ug/kg	380
2,4-Dinitrotoluene	370	U	ug/kg	370	390	U	ug/kg	390	380	U	ug/kg	380	380	U	ug/kg	380
Diethylphthalate	370	U	ug/kg	370	390	U	ug/kg	390	380	U	ug/kg	380	380	U	ug/kg	380
4-Chlorophenyl-phenylether	370	U	ug/kg	370	390	U	ug/kg	390	380	U	ug/kg	380	380	U	ug/kg	380
Fluorene	370	U	ug/kg	370	390	U	ug/kg	390	380	U	ug/kg	380	380	U	ug/kg	380
4-Nitroaniline	890	U	ug/kg	890	940	U	ug/kg	940	930	U	ug/kg	930	930	U	ug/kg	930
4,6-Dinitro-2-methylphenol	890	U	ug/kg	890	940	U	ug/kg	940	930	U	ug/kg	930	930	U	ug/kg	930
N-Nitrosodiphenylamine (1)	370	U	ug/kg	370	390	U	ug/kg	390	380	U	ug/kg	380	380	U	ug/kg	380
4-Bromophenyl-phenylether	370	U	ug/kg	370	390	U	ug/kg	390	380	U	ug/kg	380	380	U	ug/kg	380
Hexachlorobenzene	370	U	ug/kg	370	390	U	ug/kg	390	380	U	ug/kg	380	380	U	ug/kg	380
Pentachlorophenol	890	UJ	ug/kg	890	940	UJ	ug/kg	940	930	UJ	ug/kg	930	930	UJ	ug/kg	930
Phenanthrene	370	U	ug/kg	370	390	U	ug/kg	390	380	U	ug/kg	380	380	U	ug/kg	380
Anthracene	370	U	ug/kg	370	390	U	ug/kg	390	380	U	ug/kg	380	380	U	ug/kg	380
Carbazole	370	U	ug/kg	370	390	U	ug/kg	390	380	U	ug/kg	380	380	U	ug/kg	380
Di-n-butylphthalate	370	U	ug/kg	370	390	U	ug/kg	390	380	U	ug/kg	380	380	U	ug/kg	380
Fluoranthene	370	U	ug/kg	370	390	U	ug/kg	390	380	U	ug/kg	380	380	U	ug/kg	380
Pyrene	370	U	ug/kg	370	390	U	ug/kg	390	380	U	ug/kg	380	380	U	ug/kg	380
Butylbenzylphthalate	370	U	ug/kg	370	390	U	ug/kg	390	380	U	ug/kg	380	380	U	ug/kg	380

08/01/93 WHITING FIELD ANALYTICAL RESULT REPORT 17:38:01
SOIL BORING -- SEMI-VOLATILES - VALIDATED RESULTS

Lab Sample Number:	34925008				34925009				34925011				34925010			
Site	WHITING				WHITING				WHITING				WHITING			
Locator	32SB5-1-2				32SB5-5-7				32SB5-10-12				32SB5-20-22			
Collect Date:	19-JAN-93				19-JAN-93				19-JAN-93				19-JAN-93			
	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL
3,3-Dichlorobenzidine	370	U	ug/kg	370	390	U	ug/kg	390	380	U	ug/kg	380	380	U	ug/kg	380
Benzo (a) anthracene	370	U	ug/kg	370	390	U	ug/kg	390	380	U	ug/kg	380	380	U	ug/kg	380
Chrysene	370	U	ug/kg	370	390	U	ug/kg	390	380	U	ug/kg	380	380	U	ug/kg	380
bis(2-Ethylhexyl) phthalate	370	U	ug/kg	370	390	U	ug/kg	390	380	U	ug/kg	380	380	U	ug/kg	380
Di-n-octylphthalate	370	U	ug/kg	370	390	U	ug/kg	390	380	U	ug/kg	380	380	U	ug/kg	380
Benzo (b) fluoranthene	370	U	ug/kg	370	390	U	ug/kg	390	380	U	ug/kg	380	380	U	ug/kg	380
Benzo (k) fluoranthene	370	U	ug/kg	370	390	U	ug/kg	390	380	U	ug/kg	380	380	U	ug/kg	380
Benzo (a) pyrene	370	U	ug/kg	370	390	U	ug/kg	390	380	U	ug/kg	380	380	U	ug/kg	380
Indeno (1,2,3-cd) pyrene	370	U	ug/kg	370	390	U	ug/kg	390	380	U	ug/kg	380	380	U	ug/kg	380
Dibenz (a,h) anthracene	370	U	ug/kg	370	390	U	ug/kg	390	380	U	ug/kg	380	380	U	ug/kg	380
Benzo (g,h,i) perylene	370	U	ug/kg	370	390	U	ug/kg	390	380	U	ug/kg	380	380	U	ug/kg	380

U = NOT DETECTED J = ESTIMATED VALUE
UJ = REPORTED QUANTITATION LIMIT IS QUALIFIED AS ESTIMATED
R = RESULT IS REJECTED AND UNUSABLE

08/01/93 WHITING FIELD ANALYTICAL RESULT REPORT 17:38:01
SOIL BORING -- SEMI-VOLATILES - VALIDATED RESULTS

	34925012				34925013				34938007				34938008			
Lab Sample Number:																
Site	WHITING				WHITING				WHITING				WHITING			
Locator	32SB5-45-47				32SB5-45-47A				32SB5-61-63				32SB5-95-97			
Collect Date:	19-JAN-93				19-JAN-93				20-JAN-93				20-JAN-93			
	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL
CLP SEMIVOLATILES 90-SOW																
Phenol	360	U	ug/kg	360	360	U	ug/kg	360	350	U	ug/kg	350	360	U	ug/kg	360
bis(2-Chloroethyl) ether	360	U	ug/kg	360	360	U	ug/kg	360	350	U	ug/kg	350	360	U	ug/kg	360
2-Chlorophenol	360	U	ug/kg	360	360	U	ug/kg	360	350	U	ug/kg	350	360	U	ug/kg	360
1,3-Dichlorobenzene	360	U	ug/kg	360	360	U	ug/kg	360	350	U	ug/kg	350	360	U	ug/kg	360
1,4-Dichlorobenzene	360	U	ug/kg	360	360	U	ug/kg	360	350	U	ug/kg	350	360	U	ug/kg	360
1,2-Dichlorobenzene	360	U	ug/kg	360	360	U	ug/kg	360	350	U	ug/kg	350	360	U	ug/kg	360
2-Methylphenol	360	U	ug/kg	360	360	U	ug/kg	360	350	U	ug/kg	350	360	U	ug/kg	360
2,2-oxybis(1-Chloropropane)	360	U	ug/kg	360	360	U	ug/kg	360	350	U	ug/kg	350	360	U	ug/kg	360
4-Methylphenol	360	U	ug/kg	360	360	U	ug/kg	360	350	U	ug/kg	350	360	U	ug/kg	360
N-Nitroso-di-n-propylamine	360	U	ug/kg	360	360	U	ug/kg	360	350	U	ug/kg	350	360	U	ug/kg	360
Hexachloroethane	360	U	ug/kg	360	360	U	ug/kg	360	350	U	ug/kg	350	360	U	ug/kg	360
Nitrobenzene	360	U	ug/kg	360	360	U	ug/kg	360	350	U	ug/kg	350	360	U	ug/kg	360
Isophorone	360	U	ug/kg	360	360	U	ug/kg	360	350	U	ug/kg	350	360	U	ug/kg	360
2-Nitrophenol	360	U	ug/kg	360	360	U	ug/kg	360	350	U	ug/kg	350	360	U	ug/kg	360
2,4-Dimethylphenol	360	U	ug/kg	360	360	U	ug/kg	360	350	U	ug/kg	350	360	U	ug/kg	360
bis(2-Chloroethoxy) methane	360	U	ug/kg	360	360	U	ug/kg	360	350	U	ug/kg	350	360	U	ug/kg	360
2,4-Dichlorophenol	360	U	ug/kg	360	360	U	ug/kg	360	350	U	ug/kg	350	360	U	ug/kg	360
1,2,4-Trichlorobenzene	360	U	ug/kg	360	360	U	ug/kg	360	350	U	ug/kg	350	360	U	ug/kg	360
Naphthalene	360	U	ug/kg	360	360	U	ug/kg	360	350	U	ug/kg	350	360	U	ug/kg	360
4-Chloroaniline	360	U	ug/kg	360	360	U	ug/kg	360	350	U	ug/kg	350	360	U	ug/kg	360
Hexachlorobutadiene	360	U	ug/kg	360	360	U	ug/kg	360	350	U	ug/kg	350	360	U	ug/kg	360
4-Chloro-3-methylphenol	360	U	ug/kg	360	360	U	ug/kg	360	350	U	ug/kg	350	360	U	ug/kg	360
2-Methylnaphthalene	360	U	ug/kg	360	360	U	ug/kg	360	350	U	ug/kg	350	360	U	ug/kg	360
Hexachlorocyclopentadiene	360	U	ug/kg	360	360	U	ug/kg	360	350	U	ug/kg	350	360	U	ug/kg	360
2,4,6-Trichlorophenol	360	U	ug/kg	360	360	U	ug/kg	360	350	U	ug/kg	350	360	U	ug/kg	360
2,4,5-Trichlorophenol	880	U	ug/kg	880	870	U	ug/kg	870	860	U	ug/kg	860	870	U	ug/kg	870
2-Chloronaphthalene	360	U	ug/kg	360	360	U	ug/kg	360	350	U	ug/kg	350	360	U	ug/kg	360
2-Nitroaniline	880	U	ug/kg	880	870	U	ug/kg	870	860	U	ug/kg	860	870	U	ug/kg	870
Dimethylphthalate	360	U	ug/kg	360	360	U	ug/kg	360	350	U	ug/kg	350	360	U	ug/kg	360
Acenaphthylene	360	U	ug/kg	360	360	U	ug/kg	360	350	U	ug/kg	350	360	U	ug/kg	360
2,6-Dinitrotoluene	360	U	ug/kg	360	360	U	ug/kg	360	350	U	ug/kg	350	360	U	ug/kg	360
3-Nitroaniline	880	U	ug/kg	880	870	U	ug/kg	870	860	U	ug/kg	860	870	U	ug/kg	870
Acenaphthene	360	U	ug/kg	360	360	U	ug/kg	360	350	U	ug/kg	350	360	U	ug/kg	360
2,4-Dinitrophenol	880	U	ug/kg	880	870	U	ug/kg	870	860	U	ug/kg	860	870	U	ug/kg	870
4-Nitrophenol	880	U	ug/kg	880	870	U	ug/kg	870	860	U	ug/kg	860	870	U	ug/kg	870
Dibenzofuran	360	U	ug/kg	360	360	U	ug/kg	360	350	U	ug/kg	350	360	U	ug/kg	360
2,4-Dinitrotoluene	360	U	ug/kg	360	360	U	ug/kg	360	350	U	ug/kg	350	360	U	ug/kg	360
Diethylphthalate	360	U	ug/kg	360	360	U	ug/kg	360	350	U	ug/kg	350	360	U	ug/kg	360
4-Chlorophenyl-phenylether	360	U	ug/kg	360	360	U	ug/kg	360	350	U	ug/kg	350	360	U	ug/kg	360
Fluorene	360	U	ug/kg	360	360	U	ug/kg	360	350	U	ug/kg	350	360	U	ug/kg	360
4-Nitroaniline	880	U	ug/kg	880	870	U	ug/kg	870	860	U	ug/kg	860	870	U	ug/kg	870
4,6-Dinitro-2-methylphenol	880	U	ug/kg	880	870	U	ug/kg	870	860	U	ug/kg	860	870	U	ug/kg	870
N-Nitrosodiphenylamine (1)	360	U	ug/kg	360	360	U	ug/kg	360	350	U	ug/kg	350	360	U	ug/kg	360
4-Bromophenyl-phenylether	360	U	ug/kg	360	360	U	ug/kg	360	350	U	ug/kg	350	360	U	ug/kg	360
Hexachlorobenzene	360	U	ug/kg	360	360	U	ug/kg	360	350	U	ug/kg	350	360	U	ug/kg	360
Pentachlorophenol	880	UJ	ug/kg	880	870	UJ	ug/kg	870	860	U	ug/kg	860	870	U	ug/kg	870
Phenanthrene	360	U	ug/kg	360	360	U	ug/kg	360	350	U	ug/kg	350	360	U	ug/kg	360
Anthracene	360	U	ug/kg	360	360	U	ug/kg	360	350	U	ug/kg	350	360	U	ug/kg	360
Carbazole	360	U	ug/kg	360	360	U	ug/kg	360	350	U	ug/kg	350	360	U	ug/kg	360
Di-n-butylphthalate	360	U	ug/kg	360	360	U	ug/kg	360	350	U	ug/kg	350	360	U	ug/kg	360
Fluoranthene	360	U	ug/kg	360	360	U	ug/kg	360	350	U	ug/kg	350	360	U	ug/kg	360
Pyrene	360	U	ug/kg	360	360	U	ug/kg	360	350	U	ug/kg	350	360	U	ug/kg	360

08/01/93 WHITING FIELD ANALYTICAL RESULT REPORT 17:38:01
SOIL BORING -- SEMI-VOLATILES - VALIDATED RESULTS

Lab Sample Number:	34925012				34925013				34938007				34938008			
Site	WHITING				WHITING				WHITING				WHITING			
Locator	32SB5-45-47				32SB5-45-47A				32SB5-61-63				32SB5-95-97			
Collect Date:	19-JAN-93				19-JAN-93				20-JAN-93				20-JAN-93			
	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL
Butylbenzylphthalate	360	U	ug/kg	360	360	U	ug/kg	360	350	UJ	ug/kg	350	360	UJ	ug/kg	360
3,3-Dichlorobenzidine	360	U	ug/kg	360	360	U	ug/kg	360	350	U	ug/kg	350	360	U	ug/kg	360
Benzo (a) anthracene	360	U	ug/kg	360	360	U	ug/kg	360	350	U	ug/kg	350	360	U	ug/kg	360
Chrysene	360	U	ug/kg	360	360	U	ug/kg	360	350	U	ug/kg	350	360	U	ug/kg	360
bis(2-Ethylhexyl) phthalate	360	U	ug/kg	360	360	U	ug/kg	360	350	UJ	ug/kg	350	600	J	ug/kg	360
Di-n-octylphthalate	360	U	ug/kg	360	360	U	ug/kg	360	350	UJ	ug/kg	350	360	UJ	ug/kg	360
Benzo (b) fluoranthene	360	U	ug/kg	360	360	U	ug/kg	360	350	U	ug/kg	350	360	U	ug/kg	360
Benzo (k) fluoranthene	360	U	ug/kg	360	360	U	ug/kg	360	350	U	ug/kg	350	360	U	ug/kg	360
Benzo (a) pyrene	360	U	ug/kg	360	360	U	ug/kg	360	350	U	ug/kg	350	360	U	ug/kg	360
Indeno (1,2,3-cd) pyrene	360	U	ug/kg	360	360	U	ug/kg	360	350	U	ug/kg	350	360	U	ug/kg	360
Dibenz (a,h) anthracene	360	U	ug/kg	360	360	U	ug/kg	360	350	U	ug/kg	350	360	U	ug/kg	360
Benzo (g,h,i) perylene	360	U	ug/kg	360	360	U	ug/kg	360	350	UJ	ug/kg	350	360	U	ug/kg	360

U = NOT DETECTED J = ESTIMATED VALUE
UJ = [illegible]ORTED QUANTITATION LIMIT IS QUALIFIED AS ESTIMATED
R [illegible]T IS REJECTED AND UNUSABLE

08/01/93 WHITING FIELD ANALYTICAL RESULT REPORT 17:39:54
SOIL BORING -- SEMI-VOLATILES - VALIDATED RESULTS

Lab Sample Number:	34847001				34846016				34846016				34847002					
Site	WHITING				WHITING				WHITING				WHITING					
Locator	32SB6-5-7				32SB6-0-2				32SB6-0-2				32SB6-5-7A					
Collect Date:	11-JAN-93				12-JAN-93				12-JAN-93				11-JAN-93					
	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL		
CLP SEMIVOLATILES 90-SOW																		
Phenol	370	U	ug/kg	370	7300	U	ug/kg	7300	-				370	U	ug/kg	370		
bis(2-Chloroethyl) ether	370	U	ug/kg	370	7300	U	ug/kg	7300	-				370	U	ug/kg	370		
2-Chlorophenol	370	U	ug/kg	370	7300	U	ug/kg	7300	-				370	U	ug/kg	370		
1,3-Dichlorobenzene	370	U	ug/kg	370	7300	U	ug/kg	7300	-				370	U	ug/kg	370		
1,4-Dichlorobenzene	370	U	ug/kg	370	7300	U	ug/kg	7300	-				370	U	ug/kg	370		
1,2-Dichlorobenzene	370	U	ug/kg	370	7300	U	ug/kg	7300	-				370	U	ug/kg	370		
2-Methylphenol	370	U	ug/kg	370	7300	U	ug/kg	7300	-				370	U	ug/kg	370		
2,2-oxybis(1-Chloropropane)	370	U	ug/kg	370	7300	U	ug/kg	7300	-				370	U	ug/kg	370		
4-Methylphenol	370	U	ug/kg	370	7300	U	ug/kg	7300	-				370	U	ug/kg	370		
N-Nitroso-di-n-propylamine	370	U	ug/kg	370	7300	U	ug/kg	7300	-				370	U	ug/kg	370		
Hexachloroethane	370	U	ug/kg	370	7300	U	ug/kg	7300	-				370	U	ug/kg	370		
Nitrobenzene	370	U	ug/kg	370	7300	U	ug/kg	7300	-				370	U	ug/kg	370		
Isophorone	370	U	ug/kg	370	7300	U	ug/kg	7300	-				370	U	ug/kg	370		
2-Nitrophenol	370	U	ug/kg	370	7300	U	ug/kg	7300	-				370	U	ug/kg	370		
2,4-Dimethylphenol	370	U	ug/kg	370	1500	J	ug/kg	7200	-				370	U	ug/kg	370		
bis(2-Chloroethoxy) methane	370	U	ug/kg	370	7300	U	ug/kg	7300	-				370	U	ug/kg	370		
2,4-Dichlorophenol	370	U	ug/kg	370	7300	U	ug/kg	7300	-				370	U	ug/kg	370		
1,2,4-Trichlorobenzene	370	U	ug/kg	370	7300	U	ug/kg	7300	-				370	U	ug/kg	370		
Naphthalene	370	U	ug/kg	370	2500	J	ug/kg	7200	-				370	U	ug/kg	370		
4-Chloroaniline	370	U	ug/kg	370	7300	U	ug/kg	7300	-				370	U	ug/kg	370		
Hexachlorobutadiene	370	U	ug/kg	370	7300	U	ug/kg	7300	-				370	U	ug/kg	370		
4-Chloro-3-methylphenol	370	U	ug/kg	370	7300	U	ug/kg	7300	-				370	U	ug/kg	370		
2-Methylnaphthalene	52	J	ug/kg	380	15000		ug/kg	7200	-				370	U	ug/kg	370		
Hexachlorocyclopentadiene	370	U	ug/kg	370	7300	U	ug/kg	7300	-				370	U	ug/kg	370		
2,4,6-Trichlorophenol	370	U	ug/kg	370	7300	U	ug/kg	7300	-				370	U	ug/kg	370		
2,4,5-Trichlorophenol	910	U	ug/kg	910	18000	U	ug/kg	18000	-				900	U	ug/kg	900		
2-Chloronaphthalene	370	U	ug/kg	370	7300	U	ug/kg	7300	-				370	U	ug/kg	370		
2-Nitroaniline	910	U	ug/kg	910	18000	U	ug/kg	18000	-				900	U	ug/kg	900		
Dimethylphthalate	370	U	ug/kg	370	7300	U	ug/kg	7300	-				370	U	ug/kg	370		
Acenaphthylene	370	U	ug/kg	370	7300	U	ug/kg	7300	-				370	U	ug/kg	370		
2,6-Dinitrotoluene	370	U	ug/kg	370	7300	U	ug/kg	7300	-				370	U	ug/kg	370		
3-Nitroaniline	910	U	ug/kg	910	18000	U	ug/kg	18000	-				900	U	ug/kg	900		
Acenaphthene	370	U	ug/kg	370	1400	J	ug/kg	7200	-				370	U	ug/kg	370		
2,4-Dinitrophenol	910	U	ug/kg	910	18000	U	ug/kg	18000	-				900	U	ug/kg	900		
4-Nitrophenol	910	U	ug/kg	910	18000	U	ug/kg	18000	-				900	U	ug/kg	900		
Dibenzofuran	370	U	ug/kg	370	7300	U	ug/kg	7300	-				370	U	ug/kg	370		
2,4-Dinitrotoluene	370	U	ug/kg	370	7300	U	ug/kg	7300	-				370	U	ug/kg	370		
Diethylphthalate	370	U	ug/kg	370	7300	U	ug/kg	7300	-				370	U	ug/kg	370		
4-Chlorophenyl-phenylether	370	U	ug/kg	370	7300	U	ug/kg	7300	-				370	U	ug/kg	370		
Fluorene	370	U	ug/kg	370	2600	J	ug/kg	7200	-				370	U	ug/kg	370		
4-Nitroaniline	910	U	ug/kg	910	18000	U	ug/kg	18000	-				900	U	ug/kg	900		
4,6-Dinitro-2-methylphenol	910	U	ug/kg	910	18000	U	ug/kg	18000	-				900	U	ug/kg	900		
N-Nitrosodiphenylamine (1)	370	U	ug/kg	370	1600	J	ug/kg	7200	-				370	U	ug/kg	370		
4-Bromophenyl-phenylether	370	U	ug/kg	370	7300	U	ug/kg	7300	-				370	U	ug/kg	370		
Hexachlorobenzene	370	U	ug/kg	370	7300	U	ug/kg	7300	-				370	U	ug/kg	370		
Pentachlorophenol	910	U	ug/kg	910	18000	U	ug/kg	18000	-				900	U	ug/kg	900		
Phenanthrene	59	J	ug/kg	380	5100	J	ug/kg	7200	-				370	U	ug/kg	370		
Anthracene	370	U	ug/kg	370	7300	U	ug/kg	7300	-				370	U	ug/kg	370		
Carbazole	370	U	ug/kg	370	7300	UJ	ug/kg	7300	-				370	U	ug/kg	370		
Di-n-butylphthalate	370	UJ	ug/kg	380	7300	U	ug/kg	7300	-				370	U	ug/kg	370		
Fluoranthene	370	U	ug/kg	370	7300	U	ug/kg	7300	-				370	U	ug/kg	370		
Pyrene	370	U	ug/kg	370	1200	J	ug/kg	7200	-				370	U	ug/kg	370		
Butylbenzylphthalate	370	U	ug/kg	370	7300	U	ug/kg	7300	-				370	U	ug/kg	370		

08/01/93 WHITING FIELD ANALYTICAL RESULT REPORT 17:39:54
SOIL BORING -- SEMI-VOLATILES - VALIDATED RESULTS

Lab Sample Number:	34847001				34846016				34846016				34847002			
Site	WHITING				WHITING				WHITING				WHITING			
Locator	32SB6-5-7				32SB6-0-2				32SB6-0-2				32SB6-5-7A			
Collect Date:	11-JAN-93				12-JAN-93				12-JAN-93				11-JAN-93			
	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL
3,3-Dichlorobenzidine	370	U	ug/kg	370	7300	UJ	ug/kg	7300	-				370	U	ug/kg	370
Benzo (a) anthracene	370	U	ug/kg	370	7300	U	ug/kg	7300	-				370	U	ug/kg	370
Chrysene	370	U	ug/kg	370	7300	U	ug/kg	7300	-				370	U	ug/kg	370
bis(2-Ethylhexyl) phthalate	73	J	ug/kg	380	7300	U	ug/kg	7300	-				370	U	ug/kg	370
Di-n-octylphthalate	370	U	ug/kg	370	7300	U	ug/kg	7300	-				370	U	ug/kg	370
Benzo (b) fluoranthene	370	U	ug/kg	370	7300	U	ug/kg	7300	-				370	U	ug/kg	370
Benzo (k) fluoranthene	370	U	ug/kg	370	7300	U	ug/kg	7300	-				370	U	ug/kg	370
Benzo (a) pyrene	370	U	ug/kg	370	7300	U	ug/kg	7300	-				370	U	ug/kg	370
Indeno (1,2,3-cd) pyrene	370	U	ug/kg	370	7300	U	ug/kg	7300	-				370	U	ug/kg	370
Dibenz (a,h) anthracene	370	U	ug/kg	370	7300	U	ug/kg	7300	-				370	U	ug/kg	370
Benzo (g,h,i) perylene	370	U	ug/kg	370	7300	U	ug/kg	7300	-				370	U	ug/kg	370

U = NOT DETECTED J = ESTIMATED VALUE
UJ = REPORTED QUANTITATION LIMIT IS QUALIFIED AS ESTIMATED
R = RESULT IS REJECTED AND UNUSABLE

08/01/93 WHITING FIELD ANALYTICAL RESULT REPORT 17:39:54
SOIL BORING -- SEMI-VOLATILES - VALIDATED RESULTS

Lab Sample Number:	34847001MS				34847M01				34847001MS				34847D01			
Site	WHITING				WHITING				WHITING				WHITING			
Locator	32SB6-5-7MS				32SB6-5-7MS				32SB6-5-7MSD				32SB6-5-7MSD			
Collect Date:	11-JAN-93				11-JAN-93				11-JAN-93				11-JAN-93			
	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL
CLP SEMIVOLATILES 90-SOW																
Phenol	-				370	U	ug/kg	370	-				370	U	ug/kg	370
bis(2-Chloroethyl) ether	-				370	U	ug/kg	370	-				370	U	ug/kg	370
2-Chlorophenol	-				370	U	ug/kg	370	-				370	U	ug/kg	370
1,3-Dichlorobenzene	-				370	U	ug/kg	370	-				370	U	ug/kg	370
1,4-Dichlorobenzene	-				370	U	ug/kg	370	-				370	U	ug/kg	370
1,2-Dichlorobenzene	-				370	U	ug/kg	370	-				370	U	ug/kg	370
2-Methylphenol	-				370	U	ug/kg	370	-				370	U	ug/kg	370
2,2-oxybis(1-Chloropropane)	-				370	U	ug/kg	370	-				370	U	ug/kg	370
4-Methylphenol	-				370	U	ug/kg	370	-				370	U	ug/kg	370
N-Nitroso-di-n-propylamine	-				370	U	ug/kg	370	-				370	U	ug/kg	370
Hexachloroethane	-				370	U	ug/kg	370	-				370	U	ug/kg	370
Nitrobenzene	-				370	U	ug/kg	370	-				370	U	ug/kg	370
Isophorone	-				370	U	ug/kg	370	-				370	U	ug/kg	370
2-Nitrophenol	-				370	U	ug/kg	370	-				370	U	ug/kg	370
2,4-Dimethylphenol	-				370	U	ug/kg	370	-				370	U	ug/kg	370
bis(2-Chloroethoxy) methane	-				370	U	ug/kg	370	-				370	U	ug/kg	370
2,4-Dichlorophenol	-				370	U	ug/kg	370	-				370	U	ug/kg	370
1,2,4-Trichlorobenzene	-				370	U	ug/kg	370	-				370	U	ug/kg	370
Naphthalene	-				370	U	ug/kg	370	-				370	U	ug/kg	370
4-Chloroaniline	-				370	U	ug/kg	370	-				370	U	ug/kg	370
Hexachlorobutadiene	-				370	U	ug/kg	370	-				370	U	ug/kg	370
4-Chloro-3-methylphenol	-				370	U	ug/kg	370	-				370	U	ug/kg	370
2-Methylnaphthalene	-				160	J	ug/kg	380	-				52	J	ug/kg	380
Hexachlorocyclopentadiene	-				370	U	ug/kg	370	-				370	U	ug/kg	370
2,4,6-Trichlorophenol	-				370	U	ug/kg	370	-				370	U	ug/kg	370
2,4,5-Trichlorophenol	-				910	U	ug/kg	910	-				910	U	ug/kg	910
2-Chloronaphthalene	-				370	U	ug/kg	370	-				370	U	ug/kg	370
2-Nitroaniline	-				910	U	ug/kg	910	-				910	U	ug/kg	910
Dimethylphthalate	-				370	U	ug/kg	370	-				370	U	ug/kg	370
Acenaphthylene	-				370	U	ug/kg	370	-				370	U	ug/kg	370
2,6-Dinitrotoluene	-				370	U	ug/kg	370	-				370	U	ug/kg	370
3-Nitroaniline	-				910	U	ug/kg	910	-				910	U	ug/kg	910
Acenaphthene	-				370	U	ug/kg	370	-				370	U	ug/kg	370
2,4-Dinitrophenol	-				910	U	ug/kg	910	-				910	U	ug/kg	910
4-Nitrophenol	-				910	U	ug/kg	910	-				910	U	ug/kg	910
Dibenzofuran	-				370	U	ug/kg	370	-				370	U	ug/kg	370
2,4-Dinitrotoluene	-				370	U	ug/kg	370	-				370	U	ug/kg	370
Diethylphthalate	-				370	U	ug/kg	370	-				370	U	ug/kg	370
4-Chlorophenyl-phenylether	-				370	U	ug/kg	370	-				370	U	ug/kg	370
Fluorene	-				44	J	ug/kg	380	-				370	U	ug/kg	370
4-Nitroaniline	-				910	U	ug/kg	910	-				910	U	ug/kg	910
4,6-Dinitro-2-methylphenol	-				910	U	ug/kg	910	-				910	U	ug/kg	910
N-Nitrosodiphenylamine (1)	-				370	U	ug/kg	370	-				370	U	ug/kg	370
4-Bromophenyl-phenylether	-				370	U	ug/kg	370	-				370	U	ug/kg	370
Hexachlorobenzene	-				370	U	ug/kg	370	-				370	U	ug/kg	370
Pentachlorophenol	-				910	U	ug/kg	910	-				910	U	ug/kg	910
Phenanthrene	-				77	J	ug/kg	380	-				51	J	ug/kg	380
Anthracene	-				370	U	ug/kg	370	-				370	U	ug/kg	370
Carbazole	-				370	U	ug/kg	370	-				370	U	ug/kg	370
Di-n-butylphthalate	-				370	U	ug/kg	370	-				370	U	ug/kg	370
Fluoranthene	-				370	U	ug/kg	370	-				370	U	ug/kg	370
Pyrene	-				370	U	ug/kg	370	-				370	U	ug/kg	370

08/01/93 WHITING FIELD ANALYTICAL RESULT REPORT 17:39:54
SOIL BORING -- SEMI-VOLATILES - VALIDATED RESULTS

Lab Sample Number:	34847001MS				34847M01				34847001MS				34847D01			
Site	WHITING				WHITING				WHITING				WHITING			
Locator	32SB6-5-7MS				32SB6-5-7MS				32SB6-5-7MSD				32SB6-5-7MSD			
Collect Date:	11-JAN-93				11-JAN-93				11-JAN-93				11-JAN-93			
	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL
Butylbenzylphthalate	-				370	U	ug/kg	370	-				370	U	ug/kg	370
3,3-Dichlorobenzidine	-				370	U	ug/kg	370	-				370	U	ug/kg	370
Benzo (a) anthracene	-				370	U	ug/kg	370	-				370	U	ug/kg	370
Chrysene	-				370	U	ug/kg	370	-				370	U	ug/kg	370
bis(2-Ethylhexyl) phthalate	-				52	J	ug/kg	380	-				42	J	ug/kg	380
Di-n-octylphthalate	-				370	U	ug/kg	370	-				370	U	ug/kg	370
Benzo (b) fluoranthene	-				370	U	ug/kg	370	-				370	U	ug/kg	370
Benzo (k) fluoranthene	-				370	U	ug/kg	370	-				370	U	ug/kg	370
Benzo (a) pyrene	-				370	U	ug/kg	370	-				370	U	ug/kg	370
Indeno (1,2,3-cd) pyrene	-				370	U	ug/kg	370	-				370	U	ug/kg	370
Dibenz (a,h) anthracene	-				370	U	ug/kg	370	-				370	U	ug/kg	370
Benzo (g,h,i) perylene	-				370	U	ug/kg	370	-				370	U	ug/kg	370

U = NOT DETECTED J = ESTIMATED VALUE
UJ = REPORTED QUANTITATION LIMIT IS QUALIFIED AS ESTIMATED
R = RESULT IS REJECTED AND UNUSABLE

08/01/93 WHITING FIELD ANALYTICAL RESULT REPORT 17:39:54
SOIL BORING -- SEMI-VOLATILES - VALIDATED RESULTS

Lab Sample Number:	34847D01			34846014			34846014			34846015		
Site	WHITING			WHITING			WHITING			WHITING		
Locator	32SB6-5-7MSD			32SB6-10-12			32SB6-10-12			32SB6-20-22		
Collect Date:	11-JAN-93			12-JAN-93			12-JAN-93			12-JAN-93		
	VALUE QUAL	UNITS	DL	VALUE QUAL	UNITS	DL	VALUE QUAL	UNITS	DL	VALUE QUAL	UNITS	DL
CLP SEMIVOLATILES 90-SOW												
Phenol	-			400 U	ug/kg	400	-			350 U	ug/kg	350
bis(2-Chloroethyl) ether	-			400 U	ug/kg	400	-			350 U	ug/kg	350
2-Chlorophenol	-			400 U	ug/kg	400	-			350 U	ug/kg	350
1,3-Dichlorobenzene	-			400 U	ug/kg	400	-			350 U	ug/kg	350
1,4-Dichlorobenzene	-			400 U	ug/kg	400	-			350 U	ug/kg	350
1,2-Dichlorobenzene	-			400 U	ug/kg	400	-			350 U	ug/kg	350
2-Methylphenol	-			400 U	ug/kg	400	-			350 U	ug/kg	350
2,2-oxybis(1-Chloropropane)	-			400 U	ug/kg	400	-			350 U	ug/kg	350
4-Methylphenol	-			400 U	ug/kg	400	-			350 U	ug/kg	350
N-Nitroso-di-n-propylamine	-			400 U	ug/kg	400	-			350 U	ug/kg	350
Hexachloroethane	-			400 U	ug/kg	400	-			350 U	ug/kg	350
Nitrobenzene	-			400 U	ug/kg	400	-			350 U	ug/kg	350
Isophorone	-			400 U	ug/kg	400	-			350 U	ug/kg	350
2-Nitrophenol	-			400 U	ug/kg	400	-			350 U	ug/kg	350
2,4-Dimethylphenol	-			400 U	ug/kg	400	-			350 U	ug/kg	350
bis(2-Chloroethoxy) methane	-			400 U	ug/kg	400	-			350 U	ug/kg	350
2,4-Dichlorophenol	-			400 U	ug/kg	400	-			350 U	ug/kg	350
1,2,4-Trichlorobenzene	-			400 U	ug/kg	400	-			350 U	ug/kg	350
Naphthalene	-			400 U	ug/kg	400	-			350 U	ug/kg	350
4-Chloroaniline	-			400 U	ug/kg	400	-			350 U	ug/kg	350
Hexachlorobutadiene	-			400 U	ug/kg	400	-			350 U	ug/kg	350
4-Chloro-3-methylphenol	-			400 U	ug/kg	400	-			350 U	ug/kg	350
2-Methylnaphthalene	-			400 U	ug/kg	400	-			350 U	ug/kg	350
Hexachlorocyclopentadiene	-			400 U	ug/kg	400	-			350 U	ug/kg	350
2,4,6-Trichlorophenol	-			400 U	ug/kg	400	-			350 U	ug/kg	350
2,4,5-Trichlorophenol	-			960 U	ug/kg	960	-			840 U	ug/kg	840
2-Chloronaphthalene	-			400 U	ug/kg	400	-			350 U	ug/kg	350
2-Nitroaniline	-			960 U	ug/kg	960	-			840 U	ug/kg	840
Dimethylphthalate	-			400 U	ug/kg	400	-			350 U	ug/kg	350
Acenaphthylene	-			400 U	ug/kg	400	-			350 U	ug/kg	350
2,6-Dinitrotoluene	-			400 U	ug/kg	400	-			350 U	ug/kg	350
3-Nitroaniline	-			960 U	ug/kg	960	-			840 U	ug/kg	840
Acenaphthene	-			400 U	ug/kg	400	-			350 U	ug/kg	350
2,4-Dinitrophenol	-			960 U	ug/kg	960	-			840 U	ug/kg	840
4-Nitrophenol	-			960 U	ug/kg	960	-			840 U	ug/kg	840
Dibenzofuran	-			400 U	ug/kg	400	-			350 U	ug/kg	350
2,4-Dinitrotoluene	-			400 U	ug/kg	400	-			350 U	ug/kg	350
Diethylphthalate	-			400 U	ug/kg	400	-			350 U	ug/kg	350
4-Chlorophenyl-phenylether	-			400 U	ug/kg	400	-			350 U	ug/kg	350
Fluorene	-			400 U	ug/kg	400	-			350 U	ug/kg	350
4-Nitroaniline	-			960 U	ug/kg	960	-			840 U	ug/kg	840
4,6-Dinitro-2-methylphenol	-			960 U	ug/kg	960	-			840 U	ug/kg	840
N-Nitrosodiphenylamine (1)	-			400 U	ug/kg	400	-			350 U	ug/kg	350
4-Bromophenyl-phenylether	-			400 U	ug/kg	400	-			350 U	ug/kg	350
Hexachlorobenzene	-			400 U	ug/kg	400	-			350 U	ug/kg	350
Pentachlorophenol	-			960 U	ug/kg	960	-			840 U	ug/kg	840
Phenanthrene	-			400 U	ug/kg	400	-			350 U	ug/kg	350
Anthracene	-			400 U	ug/kg	400	-			350 U	ug/kg	350
Carbazole	-			400 UJ	ug/kg	400	-			350 UJ	ug/kg	350
Di-n-butylphthalate	-			400 U	ug/kg	400	-			350 U	ug/kg	350
Fluoranthene	-			400 U	ug/kg	400	-			350 U	ug/kg	350
Pyrene	-			400 U	ug/kg	400	-			350 U	ug/kg	350

08/01/93 WHITING FIELD ANALYTICAL RESULT REPORT 17:39:54
SOIL BORING -- SEMI-VOLATILES - VALIDATED RESULTS

Lab Sample Number:	34847D01				34846014				34846014				34846015			
Site	WHITING				WHITING				WHITING				WHITING			
Locator	32SB6-5-7MSD				32SB6-10-12				32SB6-10-12				32SB6-20-22			
Collect Date:	11-JAN-93				12-JAN-93				12-JAN-93				12-JAN-93			
	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL
Butylbenzylphthalate	-				400	U	ug/kg	400	-				350	U	ug/kg	350
3,3-Dichlorobenzidine	-				400	UJ	ug/kg	400	-				350	UJ	ug/kg	350
Benzo (a) anthracene	-				400	U	ug/kg	400	-				350	U	ug/kg	350
Chrysene	-				400	U	ug/kg	400	-				350	U	ug/kg	350
bis(2-Ethylhexyl) phthalate	-				400	UJ	ug/kg	400	-				350	U	ug/kg	350
Di-n-octylphthalate	-				400	U	ug/kg	400	-				350	U	ug/kg	350
Benzo (b) fluoranthene	-				400	U	ug/kg	400	-				350	U	ug/kg	350
Benzo (k) fluoranthene	-				400	U	ug/kg	400	-				350	U	ug/kg	350
Benzo (a) pyrene	-				400	U	ug/kg	400	-				350	U	ug/kg	350
Indeno (1,2,3-cd) pyrene	-				400	U	ug/kg	400	-				350	U	ug/kg	350
Dibenz (a,h) anthracene	-				400	U	ug/kg	400	-				350	U	ug/kg	350
Benzo (g,h,i) perylene	-				400	U	ug/kg	400	-				350	U	ug/kg	350

U = NOT DETECTED J = ESTIMATED VALUE
UJ = REPORTED QUANTITATION LIMIT IS QUALIFIED AS ESTIMATED
R = RESULT IS REJECTED AND UNUSABLE

08/01/93 WHITING FIELD ANALYTICAL RESULT REPORT 17:39:54
SOIL BORING -- SEMI-VOLATILES - VALIDATED RESULTS

Lab Sample Number:	34846015			34846013			34846013			34846011				
Site	WHITING			WHITING			WHITING			WHITING				
Locator	32SB6-20-22			32SB6-30-32			32SB6-30-32			32SB6-45-47				
Collect Date:	12-JAN-93			12-JAN-93			12-JAN-93			12-JAN-93				
	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL
CLP SEMIVOLATILES 90-SOW																
Phenol	-				350	U	ug/kg	350	-				370	U	ug/kg	370
bis(2-Chloroethyl) ether	-				350	U	ug/kg	350	-				370	U	ug/kg	370
2-Chlorophenol	-				350	U	ug/kg	350	-				370	U	ug/kg	370
1,3-Dichlorobenzene	-				350	U	ug/kg	350	-				370	U	ug/kg	370
1,4-Dichlorobenzene	-				350	U	ug/kg	350	-				370	U	ug/kg	370
1,2-Dichlorobenzene	-				350	U	ug/kg	350	-				370	U	ug/kg	370
2-Methylphenol	-				350	U	ug/kg	350	-				370	U	ug/kg	370
2,2-oxybis(1-Chloropropane)	-				350	U	ug/kg	350	-				370	U	ug/kg	370
4-Methylphenol	-				350	U	ug/kg	350	-				370	U	ug/kg	370
N-Nitroso-di-n-propylamine	-				350	U	ug/kg	350	-				370	U	ug/kg	370
Hexachloroethane	-				350	U	ug/kg	350	-				370	U	ug/kg	370
Nitrobenzene	-				350	U	ug/kg	350	-				370	U	ug/kg	370
Isophorone	-				350	U	ug/kg	350	-				370	U	ug/kg	370
2-Nitrophenol	-				350	U	ug/kg	350	-				370	U	ug/kg	370
2,4-Dimethylphenol	-				350	U	ug/kg	350	-				370	U	ug/kg	370
bis(2-Chloroethoxy) methane	-				350	U	ug/kg	350	-				370	U	ug/kg	370
2,4-Dichlorophenol	-				350	U	ug/kg	350	-				370	U	ug/kg	370
1,2,4-Trichlorobenzene	-				350	U	ug/kg	350	-				370	U	ug/kg	370
Naphthalene	-				350	U	ug/kg	350	-				370	U	ug/kg	370
4-Chloroaniline	-				350	U	ug/kg	350	-				370	U	ug/kg	370
Hexachlorobutadiene	-				350	U	ug/kg	350	-				370	U	ug/kg	370
4-Chloro-3-methylphenol	-				350	U	ug/kg	350	-				370	U	ug/kg	370
2-Methylnaphthalene	-				350	U	ug/kg	350	-				370	U	ug/kg	370
Hexachlorocyclopentadiene	-				350	U	ug/kg	350	-				370	U	ug/kg	370
2,4,6-Trichlorophenol	-				350	U	ug/kg	350	-				370	U	ug/kg	370
2,4,5-Trichlorophenol	-				840	U	ug/kg	840	-				910	U	ug/kg	910
2-Chloronaphthalene	-				350	U	ug/kg	350	-				370	U	ug/kg	370
2-Nitroaniline	-				840	U	ug/kg	840	-				910	U	ug/kg	910
Dimethylphthalate	-				350	U	ug/kg	350	-				370	U	ug/kg	370
Acenaphthylene	-				350	U	ug/kg	350	-				370	U	ug/kg	370
2,6-Dinitrotoluene	-				350	U	ug/kg	350	-				370	U	ug/kg	370
3-Nitroaniline	-				840	U	ug/kg	840	-				910	U	ug/kg	910
Acenaphthene	-				350	U	ug/kg	350	-				370	U	ug/kg	370
2,4-Dinitrophenol	-				840	U	ug/kg	840	-				910	U	ug/kg	910
4-Nitrophenol	-				840	U	ug/kg	840	-				910	U	ug/kg	910
Dibenzofuran	-				350	U	ug/kg	350	-				370	U	ug/kg	370
2,4-Dinitrotoluene	-				350	U	ug/kg	350	-				370	U	ug/kg	370
Diethylphthalate	-				350	U	ug/kg	350	-				370	U	ug/kg	370
4-Chlorophenyl-phenylether	-				350	U	ug/kg	350	-				370	U	ug/kg	370
Fluorene	-				350	U	ug/kg	350	-				370	U	ug/kg	370
4-Nitroaniline	-				840	U	ug/kg	840	-				910	U	ug/kg	910
4,6-Dinitro-2-methylphenol	-				840	U	ug/kg	840	-				910	U	ug/kg	910
N-Nitrosodiphenylamine (1)	-				350	U	ug/kg	350	-				370	U	ug/kg	370
4-Bromophenyl-phenylether	-				350	U	ug/kg	350	-				370	U	ug/kg	370
Hexachlorobenzene	-				350	U	ug/kg	350	-				370	U	ug/kg	370
Pentachlorophenol	-				840	U	ug/kg	840	-				910	U	ug/kg	910
Phenanthrene	-				350	U	ug/kg	350	-				370	U	ug/kg	370
Anthracene	-				350	U	ug/kg	350	-				370	U	ug/kg	370
Carbazole	-				350	UJ	ug/kg	350	-				370	UJ	ug/kg	370
Di-n-butylphthalate	-				350	U	ug/kg	350	-				370	U	ug/kg	370
Fluoranthene	-				350	U	ug/kg	350	-				370	U	ug/kg	370
Pyrene	-				350	U	ug/kg	350	-				370	U	ug/kg	370

08/01/93 WHITING FIELD ANALYTICAL RESULT REPORT 17:39:54
SOIL BORING -- SEMI-VOLATILES - VALIDATED RESULTS

Lab Sample Number:	34846015				34846013				34846013				34846011			
Site	WHITING				WHITING				WHITING				WHITING			
Locator	32SB6-20-22				32SB6-30-32				32SB6-30-32				32SB6-45-47			
Collect Date:	12-JAN-93				12-JAN-93				12-JAN-93				12-JAN-93			
	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL
Butylbenzylphthalate	-				350	U	ug/kg	350	-				370	U	ug/kg	370
3,3-Dichlorobenzidine	-				350	UJ	ug/kg	350	-				370	UJ	ug/kg	370
Benzo (a) anthracene	-				350	U	ug/kg	350	-				370	U	ug/kg	370
Chrysene	-				350	U	ug/kg	350	-				370	U	ug/kg	370
bis(2-Ethylhexyl) phthalate	-				350	UJ	ug/kg	350	-				370	UJ	ug/kg	380
Di-n-octylphthalate	-				350	U	ug/kg	350	-				370	U	ug/kg	370
Benzo (b) fluoranthene	-				350	U	ug/kg	350	-				370	U	ug/kg	370
Benzo (k) fluoranthene	-				350	U	ug/kg	350	-				370	U	ug/kg	370
Benzo (a) pyrene	-				350	U	ug/kg	350	-				370	U	ug/kg	370
Indeno (1,2,3-cd) pyrene	-				350	U	ug/kg	350	-				370	U	ug/kg	370
Dibenz (a,h) anthracene	-				350	U	ug/kg	350	-				370	U	ug/kg	370
Benzo (g,h,i) perylene	-				350	U	ug/kg	350	-				370	U	ug/kg	370

U = NOT DETECTED J = ESTIMATED VALUE
UJ = REPORTED QUANTITATION LIMIT IS QUALIFIED AS ESTIMATED
R = RESULT IS REJECTED AND UNUSABLE

08/01/93 WHITING FIELD ANALYTICAL RESULT REPORT 17:39:54
SOIL BORING -- SEMI-VOLATILES - VALIDATED RESULTS

Lab Sample Number:	34846011				34846012				34846012		
Site	WHITING				WHITING				WHITING		
Locator	32SB6-45-47				32SB6-45-47A				32SB6-45-47A		
Collect Date:	12-JAN-93				12-JAN-93				12-JAN-93		
	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL
CLP SEMIVOLATILES 90-SOW												
Phenol	-				360	U	ug/kg	360	-			
bis(2-Chloroethyl) ether	-				360	U	ug/kg	360	-			
2-Chlorophenol	-				360	U	ug/kg	360	-			
1,3-Dichlorobenzene	-				360	U	ug/kg	360	-			
1,4-Dichlorobenzene	-				360	U	ug/kg	360	-			
1,2-Dichlorobenzene	-				360	U	ug/kg	360	-			
2-Methylphenol	-				360	U	ug/kg	360	-			
2,2-oxybis(1-Chloropropane)	-				360	U	ug/kg	360	-			
4-Methylphenol	-				360	U	ug/kg	360	-			
N-Nitroso-di-n-propylamine	-				360	U	ug/kg	360	-			
Hexachloroethane	-				360	U	ug/kg	360	-			
Nitrobenzene	-				360	U	ug/kg	360	-			
Isophorone	-				360	U	ug/kg	360	-			
2-Nitrophenol	-				360	U	ug/kg	360	-			
2,4-Dimethylphenol	-				360	U	ug/kg	360	-			
bis(2-Chloroethoxy) methane	-				360	U	ug/kg	360	-			
2,4-Dichlorophenol	-				360	U	ug/kg	360	-			
1,2,4-Trichlorobenzene	-				360	U	ug/kg	360	-			
Naphthalene	-				360	U	ug/kg	360	-			
4-Chloroaniline	-				360	U	ug/kg	360	-			
Hexachlorobutadiene	-				360	U	ug/kg	360	-			
4-Chloro-3-methylphenol	-				360	U	ug/kg	360	-			
2-Methylnaphthalene	-				360	U	ug/kg	360	-			
Hexachlorocyclopentadiene	-				360	U	ug/kg	360	-			
2,4,6-Trichlorophenol	-				360	U	ug/kg	360	-			
2,4,5-Trichlorophenol	-				870	U	ug/kg	870	-			
2-Chloronaphthalene	-				360	U	ug/kg	360	-			
2-Nitroaniline	-				870	U	ug/kg	870	-			
Dimethylphthalate	-				360	U	ug/kg	360	-			
Acenaphthylene	-				360	U	ug/kg	360	-			
2,6-Dinitrotoluene	-				360	U	ug/kg	360	-			
3-Nitroaniline	-				870	U	ug/kg	870	-			
Acenaphthene	-				360	U	ug/kg	360	-			
2,4-Dinitrophenol	-				870	U	ug/kg	870	-			
4-Nitrophenol	-				870	U	ug/kg	870	-			
Dibenzofuran	-				360	U	ug/kg	360	-			
2,4-Dinitrotoluene	-				360	U	ug/kg	360	-			
Diethylphthalate	-				360	U	ug/kg	360	-			
4-Chlorophenyl-phenylether	-				360	U	ug/kg	360	-			
Fluorene	-				360	U	ug/kg	360	-			
4-Nitroaniline	-				870	U	ug/kg	870	-			
4,6-Dinitro-2-methylphenol	-				870	U	ug/kg	870	-			
N-Nitrosodiphenylamine (1)	-				360	U	ug/kg	360	-			
4-Bromophenyl-phenylether	-				360	U	ug/kg	360	-			
Hexachlorobenzene	-				360	U	ug/kg	360	-			
Pentachlorophenol	-				870	U	ug/kg	870	-			
Phenanthrene	-				360	U	ug/kg	360	-			
Anthracene	-				360	U	ug/kg	360	-			
Carbazole	-				360	UJ	ug/kg	360	-			
Di-n-butylphthalate	-				360	U	ug/kg	360	-			
Fluoranthene	-				360	U	ug/kg	360	-			
Pyrene	-				360	U	ug/kg	360	-			

08/01/93 WHITING FIELD ANALYTICAL RESULT REPORT 17:39:54
SOIL BORING -- SEMI-VOLATILES - VALIDATED RESULTS

Lab Sample Number:	34846011				34846012				34846012			
Site	WHITING				WHITING				WHITING			
Locator	32SB6-45-47				32SB6-45-47A				32SB6-45-47A			
Collect Date:	12-JAN-93				12-JAN-93				12-JAN-93			
	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL
Butylbenzylphthalate	-				360	U	ug/kg	360	-			
3,3-Dichlorobenzidine	-				360	UJ	ug/kg	360	-			
Benzo (a) anthracene	-				360	U	ug/kg	360	-			
Chrysene	-				360	U	ug/kg	360	-			
bis(2-Ethylhexyl) phthalate	-				360	UJ	ug/kg	360	-			
Di-n-octylphthalate	-				360	U	ug/kg	360	-			
Benzo (b) fluoranthene	-				360	U	ug/kg	360	-			
Benzo (k) fluoranthene	-				360	U	ug/kg	360	-			
Benzo (a) pyrene	-				360	U	ug/kg	360	-			
Indeno (1,2,3-cd) pyrene	-				360	U	ug/kg	360	-			
Dibenz (a,h) anthracene	-				360	U	ug/kg	360	-			
Benzo (g,h,i) perylene	-				360	U	ug/kg	360	-			

U = NOT DETECTED J = ESTIMATED VALUE
UJ = REPORTED QUANTITATION LIMIT IS QUALIFIED AS ESTIMATED
R = RESULT IS REJECTED AND UNUSABLE

08/01/93 WHITING FIELD ANALYTICAL RESULT REPORT 17:43:55
SOIL BORING -- SEMI-VOLATILES - VALIDATED RESULTS

Lab Sample Number:	34938004				34938005				34938005DL				34938006			
Site	WHITING				WHITING				WHITING				WHITING			
Locator	32SB7-0-2				32SB7-5-7				32SB7-5-7DL				32SB7-15-17			
Collect Date:	20-JAN-93				20-JAN-93				20-JAN-93				20-JAN-93			
	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL
CLP SEMIVOLATILES 90-SOW																
Phenol	350	U	ug/kg	350	370	U	ug/kg	370	940	U	ug/kg	940	390	U	ug/kg	390
bis(2-Chloroethyl) ether	350	U	ug/kg	350	370	U	ug/kg	370	940	U	ug/kg	940	390	U	ug/kg	390
2-Chlorophenol	350	U	ug/kg	350	370	U	ug/kg	370	940	U	ug/kg	940	390	U	ug/kg	390
1,3-Dichlorobenzene	350	U	ug/kg	350	370	U	ug/kg	370	940	U	ug/kg	940	390	U	ug/kg	390
1,4-Dichlorobenzene	350	U	ug/kg	350	370	U	ug/kg	370	940	U	ug/kg	940	390	U	ug/kg	390
1,2-Dichlorobenzene	350	U	ug/kg	350	370	U	ug/kg	370	940	U	ug/kg	940	390	U	ug/kg	390
2-Methylphenol	350	U	ug/kg	350	370	U	ug/kg	370	940	U	ug/kg	940	390	U	ug/kg	390
2,2-oxybis(1-Chloropropane)	350	U	ug/kg	350	370	U	ug/kg	370	940	U	ug/kg	940	390	U	ug/kg	390
4-Methylphenol	350	U	ug/kg	350	370	U	ug/kg	370	940	U	ug/kg	940	390	U	ug/kg	390
N-Nitroso-di-n-propylamine	350	U	ug/kg	350	370	U	ug/kg	370	940	U	ug/kg	940	390	U	ug/kg	390
Hexachloroethane	350	U	ug/kg	350	370	U	ug/kg	370	940	U	ug/kg	940	390	U	ug/kg	390
Nitrobenzene	350	U	ug/kg	350	370	U	ug/kg	370	940	U	ug/kg	940	390	U	ug/kg	390
Isophorone	350	U	ug/kg	350	370	U	ug/kg	370	940	U	ug/kg	940	390	U	ug/kg	390
2-Nitrophenol	350	U	ug/kg	350	370	U	ug/kg	370	940	U	ug/kg	940	390	U	ug/kg	390
2,4-Dimethylphenol	350	U	ug/kg	350	370	U	ug/kg	370	940	U	ug/kg	940	390	U	ug/kg	390
bis(2-Chloroethoxy) methane	350	U	ug/kg	350	370	U	ug/kg	370	940	U	ug/kg	940	390	U	ug/kg	390
2,4-Dichlorophenol	350	U	ug/kg	350	370	U	ug/kg	370	940	U	ug/kg	940	390	U	ug/kg	390
1,2,4-Trichlorobenzene	350	U	ug/kg	350	370	U	ug/kg	370	940	U	ug/kg	940	390	U	ug/kg	390
Naphthalene	350	U	ug/kg	350	7200		ug/kg	380	7200		ug/kg	940	21000		ug/kg	390
4-Chloroaniline	350	UJ	ug/kg	350	370	U	ug/kg	370	940	UJ	ug/kg	940	390	U	ug/kg	390
Hexachlorobutadiene	350	U	ug/kg	350	370	U	ug/kg	370	940	U	ug/kg	940	390	U	ug/kg	390
4-Chloro-3-methylphenol	350	U	ug/kg	350	370	U	ug/kg	370	940	U	ug/kg	940	390	U	ug/kg	390
2-Methylnaphthalene	350	U	ug/kg	350	2300		ug/kg	380	3200		ug/kg	940	27000		ug/kg	390
Hexachlorocyclopentadiene	350	U	ug/kg	350	370	U	ug/kg	370	940	U	ug/kg	940	390	U	ug/kg	390
2,4,6-Trichlorophenol	350	U	ug/kg	350	370	U	ug/kg	370	940	U	ug/kg	940	390	U	ug/kg	390
2,4,5-Trichlorophenol	850	U	ug/kg	850	910	U	ug/kg	910	2300	U	ug/kg	2300	940	U	ug/kg	940
2-Chloronaphthalene	350	U	ug/kg	350	370	U	ug/kg	370	940	U	ug/kg	940	390	U	ug/kg	390
2-Nitroaniline	850	U	ug/kg	850	910	U	ug/kg	910	2300	U	ug/kg	2300	940	U	ug/kg	940
Dimethylphthalate	350	U	ug/kg	350	370	U	ug/kg	370	940	U	ug/kg	940	390	U	ug/kg	390
Acenaphthylene	350	U	ug/kg	350	370	U	ug/kg	370	940	U	ug/kg	940	390	U	ug/kg	390
2,6-Dinitrotoluene	350	U	ug/kg	350	370	U	ug/kg	370	940	U	ug/kg	940	390	U	ug/kg	390
3-Nitroaniline	850	UJ	ug/kg	850	910	U	ug/kg	910	2300	U	ug/kg	2300	940	U	ug/kg	940
Acenaphthene	350	U	ug/kg	350	370	U	ug/kg	370	940	U	ug/kg	940	390	U	ug/kg	390
2,4-Dinitrophenol	850	U	ug/kg	850	910	U	ug/kg	910	2300	UJ	ug/kg	2300	940	U	ug/kg	940
4-Nitrophenol	850	U	ug/kg	850	910	U	ug/kg	910	2300	UJ	ug/kg	2300	940	U	ug/kg	940
Dibenzofuran	350	U	ug/kg	350	370	U	ug/kg	370	940	U	ug/kg	940	390	U	ug/kg	390
2,4-Dinitrotoluene	350	U	ug/kg	350	370	U	ug/kg	370	940	U	ug/kg	940	390	U	ug/kg	390
Diethylphthalate	350	U	ug/kg	350	370	U	ug/kg	370	940	U	ug/kg	940	390	U	ug/kg	390
4-Chlorophenyl-phenylether	350	U	ug/kg	350	370	U	ug/kg	370	940	U	ug/kg	940	390	U	ug/kg	390
Fluorene	350	U	ug/kg	350	370	U	ug/kg	370	940	U	ug/kg	940	980		ug/kg	390
4-Nitroaniline	850	UJ	ug/kg	850	910	U	ug/kg	910	2300	UJ	ug/kg	2300	940	U	ug/kg	940
4,6-Dinitro-2-methylphenol	850	U	ug/kg	850	910	U	ug/kg	910	2300	U	ug/kg	2300	940	U	ug/kg	940
N-Nitrosodiphenylamine (1)	350	U	ug/kg	350	370	U	ug/kg	370	940	U	ug/kg	940	390	U	ug/kg	390
4-Bromophenyl-phenylether	350	U	ug/kg	350	370	U	ug/kg	370	940	U	ug/kg	940	390	U	ug/kg	390
Hexachlorobenzene	350	U	ug/kg	350	370	U	ug/kg	370	940	U	ug/kg	940	390	U	ug/kg	390
Pentachlorophenol	850	UJ	ug/kg	850	910	U	ug/kg	910	2300	U	ug/kg	2300	940	U	ug/kg	940
Phenanthrene	350	U	ug/kg	350	370	U	ug/kg	370	940	U	ug/kg	940	340	J	ug/kg	390
Anthracene	350	U	ug/kg	350	370	U	ug/kg	370	940	U	ug/kg	940	53	J	ug/kg	390
Carbazole	350	U	ug/kg	350	370	U	ug/kg	370	940	U	ug/kg	940	390	U	ug/kg	390
Di-n-butylphthalate	350	U	ug/kg	350	370	U	ug/kg	370	940	U	ug/kg	940	390	U	ug/kg	390
Fluoranthene	350	U	ug/kg	350	370	U	ug/kg	370	940	U	ug/kg	940	40	J	ug/kg	390
Pyrene	350	U	ug/kg	350	370	U	ug/kg	370	940	U	ug/kg	940	390	U	ug/kg	390
Butylbenzylphth-	350	UJ	ug/kg	350	370	UJ	ug/kg	370	940	U	ug/kg	940	390	UJ	ug/kg	390

08/01/93 WHITING FIELD ANALYTICAL RESULT REPORT 17:43:55
SOIL BORING -- SEMI-VOLATILES - VALIDATED RESULTS

Lab Sample Number:	34938004				34938005				34938005DL				34938006			
Site	WHITING				WHITING				WHITING				WHITING			
Locator	32SB7-0-2				32SB7-5-7				32SB7-5-7DL				32SB7-15-17			
Collect Date:	20-JAN-93				20-JAN-93				20-JAN-93				20-JAN-93			
	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL
3,3-Dichlorobenzidine	350	U	ug/kg	350	370	U	ug/kg	370	940	U	ug/kg	940	390	U	ug/kg	390
Benzo (a) anthracene	350	U	ug/kg	350	370	U	ug/kg	370	940	U	ug/kg	940	390	U	ug/kg	390
Chrysene	350	UJ	ug/kg	350	370	U	ug/kg	370	940	U	ug/kg	940	390	U	ug/kg	390
bis(2-Ethylhexyl) phthalate	350	UJ	ug/kg	350	370	UJ	ug/kg	380	940	UJ	ug/kg	940	390	UJ	ug/kg	390
Di-n-octylphthalate	350	UJ	ug/kg	350	370	UJ	ug/kg	370	940	U	ug/kg	940	390	UJ	ug/kg	390
Benzo (b) fluoranthene	350	U	ug/kg	350	370	U	ug/kg	370	940	U	ug/kg	940	390	U	ug/kg	390
Benzo (k) fluoranthene	350	U	ug/kg	350	370	U	ug/kg	370	940	U	ug/kg	940	390	U	ug/kg	390
Benzo (a) pyrene	350	U	ug/kg	350	370	U	ug/kg	370	940	U	ug/kg	940	390	U	ug/kg	390
Indeno (1,2,3-cd) pyrene	350	U	ug/kg	350	370	U	ug/kg	370	940	U	ug/kg	940	390	U	ug/kg	390
Dibenz (a,h) anthracene	350	U	ug/kg	350	370	U	ug/kg	370	940	U	ug/kg	940	390	U	ug/kg	390
Benzo (g,h,i) perylene	350	UJ	ug/kg	350	370	UJ	ug/kg	370	940	U	ug/kg	940	390	UJ	ug/kg	390

U = NOT DETECTED J = ESTIMATED VALUE
UJ = REPORTED QUANTITATION LIMIT IS QUALIFIED AS ESTIMATED
R = RESULT IS REJECTED AND UNUSABLE

08/01/93 WHITING FIELD ANALYTICAL RESULT REPORT 17:43:55
SOIL BORING -- SEMI-VOLATILES - VALIDATED RESULTS

Lab Sample Number:	34938006DL				34956001				34956001			
Site	WHITING				WHITING				WHITING			
Locator	32SB7-15-17DL				32SB7-30-32				32SB7-30-32			
Collect Date:	20-JAN-93				21-JAN-93				21-JAN-93			
	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL
CLP SEMIVOLATILES 90-SOW												
Phenol	3900	U	ug/kg	3900	730	U	ug/kg	730	-			
bis(2-Chloroethyl) ether	3900	U	ug/kg	3900	730	U	ug/kg	730	-			
2-Chlorophenol	3900	U	ug/kg	3900	730	U	ug/kg	730	-			
1,3-Dichlorobenzene	3900	U	ug/kg	3900	730	U	ug/kg	730	-			
1,4-Dichlorobenzene	3900	U	ug/kg	3900	730	U	ug/kg	730	-			
1,2-Dichlorobenzene	3900	U	ug/kg	3900	730	U	ug/kg	730	-			
2-Methylphenol	3900	U	ug/kg	3900	730	U	ug/kg	730	-			
2,2-oxybis(1-Chloropropane)	3900	U	ug/kg	3900	730	U	ug/kg	730	-			
4-Methylphenol	3900	U	ug/kg	3900	730	U	ug/kg	730	-			
N-Nitroso-di-n-propylamine	3900	U	ug/kg	3900	730	U	ug/kg	730	-			
Hexachloroethane	3900	U	ug/kg	3900	730	U	ug/kg	730	-			
Nitrobenzene	3900	U	ug/kg	3900	730	U	ug/kg	730	-			
Isophorone	3900	U	ug/kg	3900	730	U	ug/kg	730	-			
2-Nitrophenol	3900	U	ug/kg	3900	730	U	ug/kg	730	-			
2,4-Dimethylphenol	3900	U	ug/kg	3900	730	U	ug/kg	730	-			
bis(2-Chloroethoxy) methane	3900	U	ug/kg	3900	730	U	ug/kg	730	-			
2,4-Dichlorophenol	3900	U	ug/kg	3900	730	U	ug/kg	730	-			
1,2,4-Trichlorobenzene	3900	U	ug/kg	3900	730	U	ug/kg	730	-			
Naphthalene	21000		ug/kg	3900	1100		ug/kg	730	-			
4-Chloroaniline	3900	U	ug/kg	3900	730	U	ug/kg	730	-			
Hexachlorobutadiene	3900	U	ug/kg	3900	730	U	ug/kg	730	-			
4-Chloro-3-methylphenol	3900	U	ug/kg	3900	730	U	ug/kg	730	-			
2-Methylnaphthalene	27000		ug/kg	3900	2600		ug/kg	730	-			
Hexachlorocyclopentadiene	3900	U	ug/kg	3900	730	U	ug/kg	730	-			
2,4,6-Trichlorophenol	3900	U	ug/kg	3900	730	U	ug/kg	730	-			
2,4,5-Trichlorophenol	9400	U	ug/kg	9400	1800	U	ug/kg	1800	-			
2-Chloronaphthalene	3900	U	ug/kg	3900	730	U	ug/kg	730	-			
2-Nitroaniline	9400	U	ug/kg	9400	1800	U	ug/kg	1800	-			
Dimethylphthalate	3900	U	ug/kg	3900	730	U	ug/kg	730	-			
Acenaphthylene	3900	U	ug/kg	3900	730	U	ug/kg	730	-			
2,6-Dinitrotoluene	3900	U	ug/kg	3900	730	U	ug/kg	730	-			
3-Nitroaniline	9400	U	ug/kg	9400	1800	U	ug/kg	1800	-			
Acenaphthene	3900	U	ug/kg	3900	730	U	ug/kg	730	-			
2,4-Dinitrophenol	9400	U	ug/kg	9400	1800	U	ug/kg	1800	-			
4-Nitrophenol	9400	U	ug/kg	9400	1800	UJ	ug/kg	1800	-			
Dibenzofuran	3900	U	ug/kg	3900	730	U	ug/kg	730	-			
2,4-Dinitrotoluene	3900	U	ug/kg	3900	730	UJ	ug/kg	730	-			
Diethylphthalate	3900	U	ug/kg	3900	730	U	ug/kg	730	-			
4-Chlorophenyl-phenylether	3900	U	ug/kg	3900	730	U	ug/kg	730	-			
Fluorene	1000	J	ug/kg	3900	220	J	ug/kg	730	-			
4-Nitroaniline	9400	U	ug/kg	9400	1800	U	ug/kg	1800	-			
4,6-Dinitro-2-methylphenol	9400	U	ug/kg	9400	1800	U	ug/kg	1800	-			
N-Nitrosodiphenylamine (1)	3900	U	ug/kg	3900	730	U	ug/kg	730	-			
4-Bromophenyl-phenylether	3900	U	ug/kg	3900	730	U	ug/kg	730	-			
Hexachlorobenzene	3900	U	ug/kg	3900	730	U	ug/kg	730	-			
Pentachlorophenol	9400	U	ug/kg	9400	1800	U	ug/kg	1800	-			
Phenanthrene	3900	U	ug/kg	3900	79	J	ug/kg	730	-			
Anthracene	3900	U	ug/kg	3900	730	U	ug/kg	730	-			
Carbazole	3900	U	ug/kg	3900	730	U	ug/kg	730	-			
Di-n-butylphthalate	3900	U	ug/kg	3900	730	U	ug/kg	730	-			
Fluoranthene	3900	U	ug/kg	3900	730	U	ug/kg	730	-			
Pyrene	3900	U	ug/kg	3900	730	U	ug/kg	730	-			

08/01/93 WHITING FIELD ANALYTICAL RESULT REPORT 17:43:55
SOIL BORING -- SEMI-VOLATILES - VALIDATED RESULTS

Lab Sample Number:	34938006DL				34956001				34956001			
Site	WHITING				WHITING				WHITING			
Locator	32SB7-15-17DL				32SB7-30-32				32SB7-30-32			
Collect Date:	20-JAN-93				21-JAN-93				21-JAN-93			
	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL
Butylbenzylphthalate	3900	UJ	ug/kg	3900	730	UJ	ug/kg	730	-			
3,3-Dichlorobenzidine	3900	U	ug/kg	3900	730	U	ug/kg	730	-			
Benzo (a) anthracene	3900	U	ug/kg	3900	730	U	ug/kg	730	-			
Chrysene	3900	U	ug/kg	3900	730	U	ug/kg	730	-			
bis(2-Ethylhexyl) phthalate	440	J	ug/kg	3900	730	UJ	ug/kg	730	-			
Di-n-octylphthalate	3900	UJ	ug/kg	3900	730	UJ	ug/kg	730	-			
Benzo (b) fluoranthene	3900	U	ug/kg	3900	730	U	ug/kg	730	-			
Benzo (k) fluoranthene	3900	U	ug/kg	3900	730	U	ug/kg	730	-			
Benzo (a) pyrene	3900	U	ug/kg	3900	730	U	ug/kg	730	-			
Indeno (1,2,3-cd) pyrene	3900	U	ug/kg	3900	730	U	ug/kg	730	-			
Dibenz (a,h) anthracene	3900	U	ug/kg	3900	730	U	ug/kg	730	-			
Benzo (g,h,i) perylene	3900	U	ug/kg	3900	730	U	ug/kg	730	-			

U = NOT DETECTED J = ESTIMATED VALUE
UJ = REPORTED QUANTITATION LIMIT IS QUALIFIED AS ESTIMATED
R = RESULT IS REJECTED AND UNUSABLE

08/01/93 WHITING FIELD ANALYTICAL RESULT REPORT 17:45:38
SOIL BORING -- SEMI-VOLATILES - VALIDATED RESULTS

Lab Sample Number:	34956005				34956004			
Site	WHITING				WHITING			
Locator	32SB8-13-15				32SB8-5-7			
Collect Date:	21-JAN-93				21-JAN-93			
	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL
CLP SEMIVOLATILES 90-SOW								
Phenol	380	U	ug/kg	380	360	U	ug/kg	360
bis(2-Chloroethyl) ether	380	U	ug/kg	380	360	U	ug/kg	360
2-Chlorophenol	380	U	ug/kg	380	360	U	ug/kg	360
1,3-Dichlorobenzene	380	U	ug/kg	380	360	U	ug/kg	360
1,4-Dichlorobenzene	380	U	ug/kg	380	360	U	ug/kg	360
1,2-Dichlorobenzene	380	U	ug/kg	380	360	U	ug/kg	360
2-Methylphenol	380	U	ug/kg	380	360	U	ug/kg	360
2,2-oxybis(1-Chloropropane)	380	U	ug/kg	380	360	U	ug/kg	360
4-Methylphenol	380	U	ug/kg	380	360	U	ug/kg	360
N-Nitroso-di-n-propylamine	380	U	ug/kg	380	360	U	ug/kg	360
Hexachloroethane	380	U	ug/kg	380	360	U	ug/kg	360
Nitrobenzene	380	U	ug/kg	380	360	U	ug/kg	360
Isophorone	380	U	ug/kg	380	360	U	ug/kg	360
2-Nitrophenol	380	U	ug/kg	380	360	U	ug/kg	360
2,4-Dimethylphenol	380	U	ug/kg	380	360	U	ug/kg	360
bis(2-Chloroethoxy) methane	380	U	ug/kg	380	360	U	ug/kg	360
2,4-Dichlorophenol	380	U	ug/kg	380	360	U	ug/kg	360
1,2,4-Trichlorobenzene	380	U	ug/kg	380	360	U	ug/kg	360
Naphthalene	380	U	ug/kg	380	360	U	ug/kg	360
4-Chloroaniline	380	UJ	ug/kg	380	360	UJ	ug/kg	360
Hexachlorobutadiene	380	U	ug/kg	380	360	U	ug/kg	360
4-Chloro-3-methylphenol	380	U	ug/kg	380	360	U	ug/kg	360
2-Methylnaphthalene	380	U	ug/kg	380	360	U	ug/kg	360
Hexachlorocyclopentadiene	380	U	ug/kg	380	360	U	ug/kg	360
2,4,6-Trichlorophenol	380	U	ug/kg	380	360	U	ug/kg	360
2,4,5-Trichlorophenol	920	U	ug/kg	920	870	U	ug/kg	870
2-Chloronaphthalene	380	U	ug/kg	380	360	U	ug/kg	360
2-Nitroaniline	920	U	ug/kg	920	870	U	ug/kg	870
Dimethylphthalate	380	U	ug/kg	380	360	U	ug/kg	360
Acenaphthylene	380	U	ug/kg	380	360	U	ug/kg	360
2,6-Dinitrotoluene	380	U	ug/kg	380	360	U	ug/kg	360
3-Nitroaniline	920	UJ	ug/kg	920	870	UJ	ug/kg	870
Acenaphthene	380	U	ug/kg	380	360	U	ug/kg	360
2,4-Dinitrophenol	920	U	ug/kg	920	870	U	ug/kg	870
4-Nitrophenol	920	U	ug/kg	920	870	U	ug/kg	870
Dibenzofuran	380	U	ug/kg	380	360	U	ug/kg	360
2,4-Dinitrotoluene	380	U	ug/kg	380	360	U	ug/kg	360
Diethylphthalate	380	U	ug/kg	380	360	U	ug/kg	360
4-Chlorophenyl-phenylether	380	U	ug/kg	380	360	U	ug/kg	360
Fluorene	380	U	ug/kg	380	360	U	ug/kg	360
4-Nitroaniline	920	UJ	ug/kg	920	870	UJ	ug/kg	870
4,6-Dinitro-2-methylphenol	920	U	ug/kg	920	870	U	ug/kg	870
N-Nitrosodiphenylamine (1)	380	U	ug/kg	380	360	U	ug/kg	360
4-Bromophenyl-phenylether	380	U	ug/kg	380	360	U	ug/kg	360
Hexachlorobenzene	380	U	ug/kg	380	360	U	ug/kg	360
Pentachlorophenol	920	UJ	ug/kg	920	870	UJ	ug/kg	870
Phenanthrene	380	U	ug/kg	380	360	U	ug/kg	360
Anthracene	380	U	ug/kg	380	360	U	ug/kg	360
Carbazole	380	U	ug/kg	380	360	U	ug/kg	360
Di-n-butylphthalate	380	U	ug/kg	380	360	U	ug/kg	360
Fluoranthene	380	U	ug/kg	380	360	U	ug/kg	360
Pyrene	380	U	ug/kg	380	360	U	ug/kg	360
Butylbenzylphth-	380	U	ug/kg	380	360	UJ		360

08/01/93 WHITING FIELD ANALYTICAL RESULT REPORT 17:45:38
SOIL BORING -- SEMI-VOLATILES - VALIDATED RESULTS

Lab Sample Number:	34956005				34956004			
Site	WHITING				WHITING			
Locator	32SB8-13-15				32SB8-5-7			
Collect Date:	21-JAN-93				21-JAN-93			
	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL
3,3-Dichlorobenzidine	380	U	ug/kg	380	360	U	ug/kg	360
Benzo (a) anthracene	380	U	ug/kg	380	360	U	ug/kg	360
Chrysene	380	UJ	ug/kg	380	360	UJ	ug/kg	360
bis(2-Ethylhexyl) phthalate	380	UJ	ug/kg	380	360	UJ	ug/kg	360
Di-n-octylphthalate	380	UJ	ug/kg	380	360	UJ	ug/kg	360
Benzo (b) fluoranthene	380	U	ug/kg	380	360	U	ug/kg	360
Benzo (k) fluoranthene	380	U	ug/kg	380	360	U	ug/kg	360
Benzo (a) pyrene	380	U	ug/kg	380	360	U	ug/kg	360
Indeno (1,2,3-cd) pyrene	380	U	ug/kg	380	360	U	ug/kg	360
Dibenz (a,h) anthracene	380	U	ug/kg	380	360	U	ug/kg	360
Benzo (g,h,i) perylene	380	UJ	ug/kg	380	360	UJ	ug/kg	360

U = NOT DETECTED J = ESTIMATED VALUE
UJ = REPORTED QUANTITATION LIMIT IS QUALIFIED AS ESTIMATED
R = RESULT IS REJECTED AND UNUSABLE

08/01/93 WHITING FIELD ANALYTICAL RESULT REPORT 17:46:27
SOIL BORING -- SEMI-VOLATILES - VALIDATED RESULTS

Lab Sample Number:	34848K15				34848015				34956003				34956003			
Site	WHITING				WHITING				WHITING				WHITING			
Locator	32SBRB4				32SBRB4				32SBRB2				32SBRB2			
Collect Date:	12-JAN-93				12-JAN-93				21-JAN-93				21-JAN-93			
	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL
CLP SEMIVOLATILES 90-SOW																
Phenol	10	U	ug/l	10	-				-				10	U	ug/l	10
bis(2-Chloroethyl) ether	10	U	ug/l	10	-				-				10	U	ug/l	10
2-Chlorophenol	10	U	ug/l	10	-				-				10	U	ug/l	10
1,3-Dichlorobenzene	10	U	ug/l	10	-				-				10	U	ug/l	10
1,4-Dichlorobenzene	10	U	ug/l	10	-				-				10	U	ug/l	10
1,2-Dichlorobenzene	10	U	ug/l	10	-				-				10	U	ug/l	10
2-Methylphenol	10	U	ug/l	10	-				-				10	U	ug/l	10
2,2-oxybis(1-Chloropropane)	10	U	ug/l	10	-				-				10	UJ	ug/l	10
4-Methylphenol	10	U	ug/l	10	-				-				10	U	ug/l	10
N-Nitroso-di-n-propylamine	10	U	ug/l	10	-				-				10	U	ug/l	10
Hexachloroethane	10	U	ug/l	10	-				-				10	U	ug/l	10
Nitrobenzene	10	U	ug/l	10	-				-				10	U	ug/l	10
Isophorone	10	U	ug/l	10	-				-				10	U	ug/l	10
2-Nitrophenol	10	U	ug/l	10	-				-				10	U	ug/l	10
2,4-Dimethylphenol	10	U	ug/l	10	-				-				10	U	ug/l	10
bis(2-Chloroethoxy) methane	10	U	ug/l	10	-				-				10	U	ug/l	10
2,4-Dichlorophenol	10	U	ug/l	10	-				-				10	U	ug/l	10
1,2,4-Trichlorobenzene	10	U	ug/l	10	-				-				10	U	ug/l	10
Naphthalene	10	U	ug/l	10	-				-				10	U	ug/l	10
4-Chloroaniline	10	UJ	ug/l	10	-				-				10	U	ug/l	10
Hexachlorobutadiene	10	U	ug/l	10	-				-				10	U	ug/l	10
4-Chloro-3-methylphenol	10	U	ug/l	10	-				-				10	U	ug/l	10
2-Methylnaphthalene	10	U	ug/l	10	-				-				10	U	ug/l	10
Hexachlorocyclopentadiene	10	U	ug/l	10	-				-				10	U	ug/l	10
2,4,6-Trichlorophenol	10	U	ug/l	10	-				-				10	U	ug/l	10
2,4,5-Trichlorophenol	25	U	ug/l	25	-				-				25	U	ug/l	25
2-Chloronaphthalene	10	U	ug/l	10	-				-				10	U	ug/l	10
2-Nitroaniline	25	U	ug/l	25	-				-				25	U	ug/l	25
Dimethylphthalate	10	U	ug/l	10	-				-				10	U	ug/l	10
Acenaphthylene	10	U	ug/l	10	-				-				10	U	ug/l	10
2,6-Dinitrotoluene	10	U	ug/l	10	-				-				10	U	ug/l	10
3-Nitroaniline	25	U	ug/l	25	-				-				25	U	ug/l	25
Acenaphthene	10	U	ug/l	10	-				-				10	U	ug/l	10
2,4-Dinitrophenol	25	U	ug/l	25	-				-				25	UJ	ug/l	25
4-Nitrophenol	25	U	ug/l	25	-				-				25	U	ug/l	25
Dibenzofuran	10	U	ug/l	10	-				-				10	U	ug/l	10
2,4-Dinitrotoluene	10	U	ug/l	10	-				-				10	U	ug/l	10
Diethylphthalate	10	U	ug/l	10	-				-				10	U	ug/l	10
4-Chlorophenyl-phenylether	10	U	ug/l	10	-				-				10	U	ug/l	10
Fluorene	10	U	ug/l	10	-				-				10	U	ug/l	10
4-Nitroaniline	25	U	ug/l	25	-				-				25	U	ug/l	25
4,6-Dinitro-2-methylphenol	25	U	ug/l	25	-				-				25	U	ug/l	25
N-Nitrosodiphenylamine (1)	10	U	ug/l	10	-				-				10	U	ug/l	10
4-Bromophenyl-phenylether	10	U	ug/l	10	-				-				10	U	ug/l	10
Hexachlorobenzene	10	U	ug/l	10	-				-				10	U	ug/l	10
Pentachlorophenol	25	U	ug/l	25	-				-				25	U	ug/l	25
Phenanthrene	10	U	ug/l	10	-				-				10	U	ug/l	10
Anthracene	10	U	ug/l	10	-				-				10	U	ug/l	10
Carbazole	10	U	ug/l	10	-				-				10	U	ug/l	10
Di-n-butylphthalate	8	J	ug/l	10	-				-				11	J	ug/l	10
Fluoranthene	10	U	ug/l	10	-				-				10	U	ug/l	10
Pyrene	10	U	ug/l	10	-				-				10	U	ug/l	10
Butylbenzylphth	10	U	ug/l	10	-				-				10	UJ	ug/l	10

08/01/93 WHITING FIELD ANALYTICAL RESULT REPORT 17:46:27
SOIL BORING -- SEMI-VOLATILES - VALIDATED RESULTS

Lab Sample Number:	34848K15				34848015				34956003				34956003			
Site	WHITING				WHITING				WHITING				WHITING			
Locator	32SBRB4				32SBRB4				32SBRB2				32SBRB2			
Collect Date:	12-JAN-93				12-JAN-93				21-JAN-93				21-JAN-93			
	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL
3,3-Dichlorobenzidine	10	U	ug/l	10	-				-				10	U	ug/l	10
Benzo (a) anthracene	10	U	ug/l	10	-				-				10	U	ug/l	10
Chrysene	10	U	ug/l	10	-				-				10	U	ug/l	10
bis(2-Ethylhexyl) phthalate	5	J	ug/l	10	-				-				10	UJ	ug/l	10
Di-n-octylphthalate	10	U	ug/l	10	-				-				10	UJ	ug/l	10
Benzo (b) fluoranthene	10	U	ug/l	10	-				-				10	U	ug/l	10
Benzo (k) fluoranthene	10	U	ug/l	10	-				-				10	U	ug/l	10
Benzo (a) pyrene	10	U	ug/l	10	-				-				10	U	ug/l	10
Indeno (1,2,3-cd) pyrene	10	U	ug/l	10	-				-				10	U	ug/l	10
Dibenz (a,h) anthracene	10	U	ug/l	10	-				-				10	U	ug/l	10
Benzo (g,h,i) perylene	10	U	ug/l	10	-				-				10	U	ug/l	10

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08/01/93 WHITING FIELD ANALYTICAL RESULT REPORT 17:04:17
SOIL BORING -- PESTICIDES/PCBS - VALIDATED RESULTS

Lab Sample Number:	34846009			34848017			34848017			34848018		
Site	WHITING			WHITING			WHITING			WHITING		
Locator	32SB1-25-27			32SB1-35-37			32SB1-35-37			32SB1-35-37A		
Collect Date:	12-JAN-93			12-JAN-93			12-JAN-93			12-JAN-93		
	VALUE QUAL	UNITS	DL	VALUE QUAL	UNITS	DL	VALUE QUAL	UNITS	DL	VALUE QUAL	UNITS	DL
CLP PESTICIDES/PCBS 90-SOW												
alpha-BHC	-			-			1.8 UJ	ug/kg	1.8	-		
beta-BHC	-			-			1.8 UJ	ug/kg	1.8	-		
delta-BHC	-			-			1.8 UJ	ug/kg	1.8	-		
gamma-BHC (Lindane)	-			-			1.8 UJ	ug/kg	1.8	-		
Heptachlor	-			-			1.8 UJ	ug/kg	1.8	-		
Aldrin	-			-			1.8 UJ	ug/kg	1.8	-		
Heptachlor epoxide	-			-			1.8 UJ	ug/kg	1.8	-		
Endosulfan I	-			-			1.8 UJ	ug/kg	1.8	-		
Dieldrin	-			-			3.5 UJ	ug/kg	3.5	-		
4,4-DDE	-			-			3.5 UJ	ug/kg	3.5	-		
Endrin	-			-			3.5 UJ	ug/kg	3.5	-		
Endosulfan II	-			-			3.5 UJ	ug/kg	3.5	-		
4,4-DDD	-			-			3.5 UJ	ug/kg	3.5	-		
Endosulfan sulfate	-			-			3.5 UJ	ug/kg	3.5	-		
4,4-DDT	-			-			3.5 UJ	ug/kg	3.5	-		
Methoxychlor	-			-			18 UJ	ug/kg	18	-		
Endrin ketone	-			-			3.5 UJ	ug/kg	3.5	-		
Endrin aldehyde	-			-			3.5 UJ	ug/kg	3.5	-		
alpha-Chlordane	-			-			1.8 UJ	ug/kg	1.8	-		
gamma-Chlordane	-			-			1.8 UJ	ug/kg	1.8	-		
Toxaphene	-			-			180 UJ	ug/kg	180	-		
Aroclor-1016	-			-			35 UJ	ug/kg	35	-		
Aroclor-1221	-			-			71 UJ	ug/kg	71	-		
Aroclor-1232	-			-			35 UJ	ug/kg	35	-		
Aroclor-1242	-			-			35 UJ	ug/kg	35	-		
Aroclor-1248	-			-			35 UJ	ug/kg	35	-		
Aroclor-1254	-			-			35 UJ	ug/kg	35	-		
Aroclor-1260	-			-			35 UJ	ug/kg	35	-		

U = NOT DETECTED J = ESTIMATED VALUE
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08/01/93 WHITING FIELD ANALYTICAL RESULT REPORT 17:04:17
SOIL BORING -- PESTICIDES/PCBS - VALIDATED RESULTS

Lab Sample Number:	34848018				34846010				34846010		
Site	WHITING				WHITING				WHITING		
Locator	32SB1-35-37A				32SB1-50-52				32SB1-50-52		
Collect Date:	12-JAN-93				12-JAN-93				12-JAN-93		
	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL
CLP PESTICIDES/PCBS 90-SOW												
alpha-BHC	1.8	U	ug/kg	1.8	1.8	UJ	ug/kg	1.8	-			
beta-BHC	1.8	U	ug/kg	1.8	1.8	UJ	ug/kg	1.8	-			
delta-BHC	1.8	U	ug/kg	1.8	1.8	UJ	ug/kg	1.8	-			
gamma-BHC (Lindane)	1.8	U	ug/kg	1.8	1.8	UJ	ug/kg	1.8	-			
Heptachlor	1.8	U	ug/kg	1.8	1.8	UJ	ug/kg	1.8	-			
Aldrin	1.8	U	ug/kg	1.8	1.8	UJ	ug/kg	1.8	-			
Heptachlor epoxide	1.8	U	ug/kg	1.8	1.8	UJ	ug/kg	1.8	-			
Endosulfan I	1.8	U	ug/kg	1.8	1.8	UJ	ug/kg	1.8	-			
Dieldrin	3.5	U	ug/kg	3.5	3.5	UJ	ug/kg	3.5	-			
4,4-DDE	3.5	U	ug/kg	3.5	3.5	UJ	ug/kg	3.5	-			
Endrin	3.5	U	ug/kg	3.5	3.5	UJ	ug/kg	3.5	-			
Endosulfan II	3.5	U	ug/kg	3.5	3.5	UJ	ug/kg	3.5	-			
4,4-DDD	3.5	U	ug/kg	3.5	3.5	UJ	ug/kg	3.5	-			
Endosulfan sulfate	3.5	U	ug/kg	3.5	3.5	UJ	ug/kg	3.5	-			
4,4-DDT	3.5	U	ug/kg	3.5	3.5	UJ	ug/kg	3.5	-			
Methoxychlor	18	U	ug/kg	18	18	UJ	ug/kg	18	-			
Endrin ketone	3.5	U	ug/kg	3.5	3.5	UJ	ug/kg	3.5	-			
Endrin aldehyde	3.5	U	ug/kg	3.5	3.5	UJ	ug/kg	3.5	-			
alpha-Chlordane	1.8	U	ug/kg	1.8	1.8	UJ	ug/kg	1.8	-			
gamma-Chlordane	1.8	U	ug/kg	1.8	1.8	UJ	ug/kg	1.8	-			
Toxaphene	180	U	ug/kg	180	180	UJ	ug/kg	180	-			
Aroclor-1016	35	U	ug/kg	35	35	UJ	ug/kg	35	-			
Aroclor-1221	71	U	ug/kg	71	71	UJ	ug/kg	71	-			
Aroclor-1232	35	U	ug/kg	35	35	UJ	ug/kg	35	-			
Aroclor-1242	35	U	ug/kg	35	35	UJ	ug/kg	35	-			
Aroclor-1248	35	U	ug/kg	35	35	UJ	ug/kg	35	-			
Aroclor-1254	35	U	ug/kg	35	35	UJ	ug/kg	35	-			
Aroclor-1260	35	U	ug/kg	35	35	UJ	ug/kg	35	-			

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R T IS REJECTED AND UNUSABLE

08/01/93 WHITING FIELD ANALYTICAL RESULT REPORT 17:05:55
SOIL BORING -- PESTICIDES/PCBS - VALIDATED RESULTS

Lab Sample Number:	34836010				34836010				34846006				34846006			
Site	WHITING				WHITING				WHITING				WHITING			
Locator	32SB2-0-2				32SB2-0-2				32SB2-5-7				32SB2-5-7			
Collect Date:	09-JAN-93				09-JAN-93				12-JAN-93				12-JAN-93			
	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL
CLP PESTICIDES/PCBS 90-SOW																
alpha-BHC		-			1.9	UJ	ug/kg	1.9	1.9	UJ	ug/kg	1.9		-		
beta-BHC		-			1.9	UJ	ug/kg	1.9	1.9	UJ	ug/kg	1.9		-		
delta-BHC		-			1.9	UJ	ug/kg	1.9	1.9	UJ	ug/kg	1.9		-		
gamma-BHC (Lindane)		-			1.9	UJ	ug/kg	1.9	1.9	UJ	ug/kg	1.9		-		
Heptachlor		-			1.9	UJ	ug/kg	1.9	1.9	UJ	ug/kg	1.9		-		
Aldrin		-			1.9	UJ	ug/kg	1.9	1.9	UJ	ug/kg	1.9		-		
Heptachlor epoxide		-			1.9	UJ	ug/kg	1.9	1.9	UJ	ug/kg	1.9		-		
Endosulfan I		-			1.9	UJ	ug/kg	1.9	1.9	UJ	ug/kg	1.9		-		
Dieldrin		-			3.7	UJ	ug/kg	3.7	3.7	UJ	ug/kg	3.7		-		
4,4-DDE		-			3.7	UJ	ug/kg	3.7	3.7	UJ	ug/kg	3.7		-		
Endrin		-			3.7	UJ	ug/kg	3.7	3.7	UJ	ug/kg	3.7		-		
Endosulfan II		-			3.7	UJ	ug/kg	3.7	3.7	UJ	ug/kg	3.7		-		
4,4-DDD		-			3.7	UJ	ug/kg	3.7	3.7	UJ	ug/kg	3.7		-		
Endosulfan sulfate		-			3.7	UJ	ug/kg	3.7	3.7	UJ	ug/kg	3.7		-		
4,4-DDT		-			3.7	UJ	ug/kg	3.7	3.7	UJ	ug/kg	3.7		-		
Methoxychlor		-			19	UJ	ug/kg	19	19	UJ	ug/kg	19		-		
Endrin ketone		-			3.7	UJ	ug/kg	3.7	3.7	UJ	ug/kg	3.7		-		
Endrin aldehyde		-			3.7	UJ	ug/kg	3.7	3.7	UJ	ug/kg	3.7		-		
alpha-Chlordane		-			1.9	UJ	ug/kg	1.9	1.9	UJ	ug/kg	1.9		-		
gamma-Chlordane		-			1.9	UJ	ug/kg	1.9	1.9	UJ	ug/kg	1.9		-		
Toxaphene		-			190	UJ	ug/kg	190	190	UJ	ug/kg	190		-		
Aroclor-1016		-			37	UJ	ug/kg	37	37	UJ	ug/kg	37		-		
Aroclor-1221		-			75	UJ	ug/kg	75	75	UJ	ug/kg	75		-		
Aroclor-1232		-			37	UJ	ug/kg	37	37	UJ	ug/kg	37		-		
Aroclor-1242		-			37	UJ	ug/kg	37	37	UJ	ug/kg	37		-		
Aroclor-1248		-			37	UJ	ug/kg	37	37	UJ	ug/kg	37		-		
Aroclor-1254		-			37	UJ	ug/kg	37	37	UJ	ug/kg	37		-		
Aroclor-1260		-			37	UJ	ug/kg	37	37	UJ	ug/kg	37		-		

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08/01/93 WHITING FIELD ANALYTICAL RESULT REPORT 17:05:55
SOIL BORING -- PESTICIDES/PCBS - VALIDATED RESULTS

Lab Sample Number:	34846008				34846008			
Site	WHITING				WHITING			
Locator	32SB2-12-14				32SB2-12-14			
Collect Date:	12-JAN-93				12-JAN-93			
	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL
CLP PESTICIDES/PCBS 90-SOW								
alpha-BHC	2	UJ	ug/kg	2	-			
beta-BHC	2	UJ	ug/kg	2	-			
delta-BHC	2	UJ	ug/kg	2	-			
gamma-BHC (Lindane)	2	UJ	ug/kg	2	-			
Heptachlor	2	UJ	ug/kg	2	-			
Aldrin	2	UJ	ug/kg	2	-			
Heptachlor epoxide	2	UJ	ug/kg	2	-			
Endosulfan I	2	UJ	ug/kg	2	-			
Dieldrin	3.8	UJ	ug/kg	3.8	-			
4,4-DDE	3.8	UJ	ug/kg	3.8	-			
Endrin	3.8	UJ	ug/kg	3.8	-			
Endosulfan II	3.8	UJ	ug/kg	3.8	-			
4,4-DDD	3.8	UJ	ug/kg	3.8	-			
Endosulfan sulfate	3.8	UJ	ug/kg	3.8	-			
4,4-DDT	3.8	UJ	ug/kg	3.8	-			
Methoxychlor	20	UJ	ug/kg	20	-			
Endrin ketone	3.8	UJ	ug/kg	3.8	-			
Endrin aldehyde	3.8	UJ	ug/kg	3.8	-			
alpha-Chlordane	2	UJ	ug/kg	2	-			
gamma-Chlordane	2	UJ	ug/kg	2	-			
Toxaphene	200	UJ	ug/kg	200	-			
Aroclor-1016	38	UJ	ug/kg	38	-			
Aroclor-1221	78	UJ	ug/kg	78	-			
Aroclor-1232	38	UJ	ug/kg	38	-			
Aroclor-1242	38	UJ	ug/kg	38	-			
Aroclor-1248	38	UJ	ug/kg	38	-			
Aroclor-1254	38	UJ	ug/kg	38	-			
Aroclor-1260	38	UJ	ug/kg	38	-			

U = NOT DETECTED J = ESTIMATED VALUE
UJ = [illegible]PORTED QUANTITATION LIMIT IS QUALIFIED AS ESTIMATED
R = [illegible]ILT IS REJECTED AND UNUSABLE

08/01/93 WHITING FIELD ANALYTICAL RESULT REPORT 17:06:52
SOIL BORING -- PESTICIDES/PCBS - VALIDATED RESULTS

Lab Sample Number:	34846002				34846002				34846003			
Site	WHITING				WHITING				WHITING			
Locator	32SB3-0-2				32SB3-0-2				32SB3-0-2A			
Collect Date:	12-JAN-93				12-JAN-93				12-JAN-93			
	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL
CLP PESTICIDES/PCBS 90-SOW												
alpha-BHC	1.8	UJ	ug/kg	1.8	-				1.8	UJ	ug/kg	1.8
beta-BHC	1.8	UJ	ug/kg	1.8	-				1.8	UJ	ug/kg	1.8
delta-BHC	1.8	UJ	ug/kg	1.8	-				1.8	UJ	ug/kg	1.8
gamma-BHC (Lindane)	1.8	UJ	ug/kg	1.8	-				1.8	UJ	ug/kg	1.8
Heptachlor	1.8	UJ	ug/kg	1.8	-				1.8	UJ	ug/kg	1.8
Aldrin	1.8	UJ	ug/kg	1.8	-				1.8	UJ	ug/kg	1.8
Heptachlor epoxide	1.8	UJ	ug/kg	1.8	-				1.8	UJ	ug/kg	1.8
Endosulfan I	1.8	UJ	ug/kg	1.8	-				1.8	UJ	ug/kg	1.8
Dieldrin	3.5	UJ	ug/kg	3.5	-				3.5	UJ	ug/kg	3.5
4,4-DDE	3.5	UJ	ug/kg	3.5	-				3.5	UJ	ug/kg	3.5
Endrin	3.5	UJ	ug/kg	3.5	-				3.5	UJ	ug/kg	3.5
Endosulfan II	3.5	UJ	ug/kg	3.5	-				3.5	UJ	ug/kg	3.5
4,4-DDD	3.5	UJ	ug/kg	3.5	-				3.5	UJ	ug/kg	3.5
Endosulfan sulfate	3.5	UJ	ug/kg	3.5	-				3.5	UJ	ug/kg	3.5
4,4-DDT	3.5	UJ	ug/kg	3.5	-				3.5	UJ	ug/kg	3.5
Methoxychlor	18	UJ	ug/kg	18	-				18	UJ	ug/kg	18
Endrin ketone	3.5	UJ	ug/kg	3.5	-				3.5	UJ	ug/kg	3.5
Endrin aldehyde	3.5	UJ	ug/kg	3.5	-				3.5	UJ	ug/kg	3.5
alpha-Chlordane	1.8	UJ	ug/kg	1.8	-				1.8	UJ	ug/kg	1.8
gamma-Chlordane	1.8	UJ	ug/kg	1.8	-				1.8	UJ	ug/kg	1.8
Toxaphene	180	UJ	ug/kg	180	-				180	UJ	ug/kg	180
Aroclor-1016	35	UJ	ug/kg	35	-				35	UJ	ug/kg	35
Aroclor-1221	72	UJ	ug/kg	72	-				72	UJ	ug/kg	72
Aroclor-1232	35	UJ	ug/kg	35	-				35	UJ	ug/kg	35
Aroclor-1242	35	UJ	ug/kg	35	-				35	UJ	ug/kg	35
Aroclor-1248	35	UJ	ug/kg	35	-				35	UJ	ug/kg	35
Aroclor-1254	35	UJ	ug/kg	35	-				35	UJ	ug/kg	35
Aroclor-1260	35	UJ	ug/kg	35	-				35	UJ	ug/kg	35

U = NOT DETECTED J = ESTIMATED VALUE
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R = RESULT IS REJECTED AND UNUSABLE

08/01/93 WHITING FIELD ANALYTICAL RESULT REPORT 17:06:52
SOIL BORING -- PESTICIDES/PCBS - VALIDATED RESULTS

Lab Sample Number:	34846001				34846001				34846004				34846004			
Site	WHITING				WHITING				WHITING				WHITING			
Locator	32SB3-5-7				32SB3-5-7				32SB3-10-12				32SB3-10-12			
Collect Date:	12-JAN-93				12-JAN-93				12-JAN-93				12-JAN-93			
	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL
CLP PESTICIDES/PCBS 90-SOW																
alpha-BHC	1.9	UJ	ug/kg	1.9	-				2	UJ	ug/kg	2	-			
beta-BHC	1.9	UJ	ug/kg	1.9	-				2	UJ	ug/kg	2	-			
delta-BHC	1.9	UJ	ug/kg	1.9	-				2	UJ	ug/kg	2	-			
gamma-BHC (Lindane)	1.9	UJ	ug/kg	1.9	-				2	UJ	ug/kg	2	-			
Heptachlor	1.9	UJ	ug/kg	1.9	-				2	UJ	ug/kg	2	-			
Aldrin	1.9	UJ	ug/kg	1.9	-				2	UJ	ug/kg	2	-			
Heptachlor epoxide	1.9	UJ	ug/kg	1.9	-				2	UJ	ug/kg	2	-			
Endosulfan I	1.9	UJ	ug/kg	1.9	-				2	UJ	ug/kg	2	-			
Dieldrin	3.6	UJ	ug/kg	3.6	-				3.9	UJ	ug/kg	3.9	-			
4,4-DDE	3.6	UJ	ug/kg	3.6	-				3.9	UJ	ug/kg	3.9	-			
Endrin	3.6	UJ	ug/kg	3.6	-				3.9	UJ	ug/kg	3.9	-			
Endosulfan II	3.6	UJ	ug/kg	3.6	-				3.9	UJ	ug/kg	3.9	-			
4,4-DDD	3.6	UJ	ug/kg	3.6	-				3.9	UJ	ug/kg	3.9	-			
Endosulfan sulfate	3.6	UJ	ug/kg	3.6	-				3.9	UJ	ug/kg	3.9	-			
4,4-DDT	3.6	UJ	ug/kg	3.6	-				3.9	UJ	ug/kg	3.9	-			
Methoxychlor	19	UJ	ug/kg	19	-				20	UJ	ug/kg	20	-			
Endrin ketone	3.6	UJ	ug/kg	3.6	-				3.9	UJ	ug/kg	3.9	-			
Endrin aldehyde	3.6	UJ	ug/kg	3.6	-				3.9	UJ	ug/kg	3.9	-			
alpha-Chlordane	1.9	UJ	ug/kg	1.9	-				2	UJ	ug/kg	2	-			
gamma-Chlordane	1.9	UJ	ug/kg	1.9	-				2	UJ	ug/kg	2	-			
Toxaphene	190	UJ	ug/kg	190	-				200	UJ	ug/kg	200	-			
Aroclor-1016	36	UJ	ug/kg	36	-				39	UJ	ug/kg	39	-			
Aroclor-1221	74	UJ	ug/kg	74	-				79	UJ	ug/kg	79	-			
Aroclor-1232	36	UJ	ug/kg	36	-				39	UJ	ug/kg	39	-			
Aroclor-1242	36	UJ	ug/kg	36	-				39	UJ	ug/kg	39	-			
Aroclor-1248	36	UJ	ug/kg	36	-				39	UJ	ug/kg	39	-			
Aroclor-1254	36	UJ	ug/kg	36	-				39	UJ	ug/kg	39	-			
Aroclor-1260	36	UJ	ug/kg	36	-				39	UJ	ug/kg	39	-			

U = NOT DETECTED J = ESTIMATED VALUE
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R = T IS REJECTED AND UNUSABLE

08/01/93 WHITING FIELD ANALYTICAL RESULT REPORT 17:06:52
SOIL BORING -- PESTICIDES/PCBS - VALIDATED RESULTS

Lab Sample Number:	34846005				34846005				34848001				34848001			
Site	WHITING				WHITING				WHITING				WHITING			
Locator	32SB3-20-22				32SB3-20-22				32SB3-30-32				32SB3-30-32			
Collect Date:	12-JAN-93				12-JAN-93				12-JAN-93				12-JAN-93			
	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL
CLP PESTICIDES/PCBS 90-SOW																
alpha-BHC	1.9	UJ	ug/kg	1.9	-				-				1.8	UJ	ug/kg	1.8
beta-BHC	1.9	UJ	ug/kg	1.9	-				-				1.8	UJ	ug/kg	1.8
delta-BHC	1.9	UJ	ug/kg	1.9	-				-				1.8	UJ	ug/kg	1.8
gamma-BHC (Lindane)	1.9	UJ	ug/kg	1.9	-				-				1.8	UJ	ug/kg	1.8
Heptachlor	1.9	UJ	ug/kg	1.9	-				-				1.8	UJ	ug/kg	1.8
Aldrin	1.9	UJ	ug/kg	1.9	-				-				1.8	UJ	ug/kg	1.8
Heptachlor epoxide	1.9	UJ	ug/kg	1.9	-				-				1.8	UJ	ug/kg	1.8
Endosulfan I	1.9	UJ	ug/kg	1.9	-				-				1.8	UJ	ug/kg	1.8
Dieldrin	3.7	UJ	ug/kg	3.7	-				-				3.5	UJ	ug/kg	3.5
4,4-DDE	3.7	UJ	ug/kg	3.7	-				-				3.5	UJ	ug/kg	3.5
Endrin	3.7	UJ	ug/kg	3.7	-				-				3.5	UJ	ug/kg	3.5
Endosulfan II	3.7	UJ	ug/kg	3.7	-				-				3.5	UJ	ug/kg	3.5
4,4-DDD	3.7	UJ	ug/kg	3.7	-				-				3.5	UJ	ug/kg	3.5
Endosulfan sulfate	3.7	UJ	ug/kg	3.7	-				-				3.5	UJ	ug/kg	3.5
4,4-DDT	3.7	UJ	ug/kg	3.7	-				-				3.5	UJ	ug/kg	3.5
Methoxychlor	19	UJ	ug/kg	19	-				-				18	UJ	ug/kg	18
Endrin ketone	3.7	UJ	ug/kg	3.7	-				-				3.5	UJ	ug/kg	3.5
Endrin aldehyde	3.7	UJ	ug/kg	3.7	-				-				3.5	UJ	ug/kg	3.5
alpha-Chlordane	1.9	UJ	ug/kg	1.9	-				-				1.8	UJ	ug/kg	1.8
gamma-Chlordane	1.9	UJ	ug/kg	1.9	-				-				1.8	UJ	ug/kg	1.8
Toxaphene	190	UJ	ug/kg	190	-				-				180	UJ	ug/kg	180
Aroclor-1016	37	UJ	ug/kg	37	-				-				35	UJ	ug/kg	35
Aroclor-1221	76	UJ	ug/kg	76	-				-				72	UJ	ug/kg	72
Aroclor-1232	37	UJ	ug/kg	37	-				-				35	UJ	ug/kg	35
Aroclor-1242	37	UJ	ug/kg	37	-				-				35	UJ	ug/kg	35
Aroclor-1248	37	UJ	ug/kg	37	-				-				35	UJ	ug/kg	35
Aroclor-1254	37	UJ	ug/kg	37	-				-				35	UJ	ug/kg	35
Aroclor-1260	37	UJ	ug/kg	37	-				-				35	UJ	ug/kg	35

U = NOT DETECTED J = ESTIMATED VALUE
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R = RESULT IS REJECTED AND UNUSABLE

08/01/93 WHITING FIELD ANALYTICAL RESULT REPORT 17:08:14
SOIL BORING -- PESTICIDES/PCBS - VALIDATED RESULTS

Lab Sample Number:	34848008			34848008			34848009			34848009		
Site	WHITING			WHITING			WHITING			WHITING		
Locator	32SB4-0-2			32SB4-0-2			32SB4-15-17			32SB4-15-17		
Collect Date:	12-JAN-93			12-JAN-93			12-JAN-93			12-JAN-93		
	VALUE QUAL	UNITS	DL	VALUE QUAL	UNITS	DL	VALUE QUAL	UNITS	DL	VALUE QUAL	UNITS	DL
CLP PESTICIDES/PCBS 90-SOW												
alpha-BHC	-			1.8 U	ug/kg	1.8	-			2 U	ug/kg	2
beta-BHC	-			1.8 U	ug/kg	1.8	-			2 U	ug/kg	2
delta-BHC	-			1.8 U	ug/kg	1.8	-			2 U	ug/kg	2
gamma-BHC (Lindane)	-			1.8 U	ug/kg	1.8	-			2 U	ug/kg	2
Heptachlor	-			1.8 U	ug/kg	1.8	-			2 U	ug/kg	2
Aldrin	-			1.8 U	ug/kg	1.8	-			2 U	ug/kg	2
Heptachlor epoxide	-			1.8 U	ug/kg	1.8	-			2 U	ug/kg	2
Endosulfan I	-			1.8 U	ug/kg	1.8	-			2 U	ug/kg	2
Dieldrin	-			3.5 U	ug/kg	3.5	-			3.9 U	ug/kg	3.9
4,4-DDE	-			3.5 U	ug/kg	3.5	-			3.9 U	ug/kg	3.9
Endrin	-			3.5 U	ug/kg	3.5	-			3.9 U	ug/kg	3.9
Endosulfan II	-			3.5 U	ug/kg	3.5	-			3.9 U	ug/kg	3.9
4,4-DDD	-			3.5 U	ug/kg	3.5	-			3.9 U	ug/kg	3.9
Endosulfan sulfate	-			3.5 U	ug/kg	3.5	-			3.9 U	ug/kg	3.9
4,4-DDT	-			3.5 U	ug/kg	3.5	-			3.9 U	ug/kg	3.9
Methoxychlor	-			18 U	ug/kg	18	-			20 U	ug/kg	20
Endrin ketone	-			3.5 U	ug/kg	3.5	-			3.9 U	ug/kg	3.9
Endrin aldehyde	-			3.5 U	ug/kg	3.5	-			3.9 U	ug/kg	3.9
alpha-Chlordane	-			1.8 U	ug/kg	1.8	-			2 U	ug/kg	2
gamma-Chlordane	-			1.8 U	ug/kg	1.8	-			2 U	ug/kg	2
Toxaphene	-			180 U	ug/kg	180	-			200 U	ug/kg	200
Aroclor-1016	-			35 U	ug/kg	35	-			39 U	ug/kg	39
Aroclor-1221	-			72 U	ug/kg	72	-			80 U	ug/kg	80
Aroclor-1232	-			35 U	ug/kg	35	-			39 U	ug/kg	39
Aroclor-1242	-			35 U	ug/kg	35	-			39 U	ug/kg	39
Aroclor-1248	-			35 U	ug/kg	35	-			39 U	ug/kg	39
Aroclor-1254	-			35 U	ug/kg	35	-			39 U	ug/kg	39
Aroclor-1260	-			35 U	ug/kg	35	-			39 U	ug/kg	39

U = NOT DETECTED J = ESTIMATED VALUE
UJ = [illegible]PORTED QUANTITATION LIMIT IS QUALIFIED AS ESTIMATED
R [illegible]LT IS REJECTED AND UNUSABLE

08/01/93 WHITING FIELD ANALYTICAL RESULT REPORT 17:08:14
SOIL BORING -- PESTICIDES/PCBS - VALIDATED RESULTS

Lab Sample Number:	34848010			34848010			34848011			34848011		
Site	WHITING			WHITING			WHITING			WHITING		
Locator	32SB4-20-22			32SB4-20-22			32SB4-20-22A			32SB4-20-22A		
Collect Date:	12-JAN-93			12-JAN-93			12-JAN-93			12-JAN-93		
	VALUE QUAL	UNITS	DL	VALUE QUAL	UNITS	DL	VALUE QUAL	UNITS	DL	VALUE QUAL	UNITS	DL
CLP PESTICIDES/PCBS 90-SOW												
alpha-BHC	-			1.9 UJ	ug/kg	1.9	-			1.9 U	ug/kg	1.9
beta-BHC	-			1.9 UJ	ug/kg	1.9	-			1.9 U	ug/kg	1.9
delta-BHC	-			1.9 UJ	ug/kg	1.9	-			1.9 U	ug/kg	1.9
gamma-BHC (Lindane)	-			1.9 UJ	ug/kg	1.9	-			1.9 U	ug/kg	1.9
Heptachlor	-			1.9 UJ	ug/kg	1.9	-			1.9 U	ug/kg	1.9
Aldrin	-			1.9 UJ	ug/kg	1.9	-			1.9 U	ug/kg	1.9
Heptachlor epoxide	-			1.9 UJ	ug/kg	1.9	-			1.9 U	ug/kg	1.9
Endosulfan I	-			1.9 UJ	ug/kg	1.9	-			1.9 U	ug/kg	1.9
Dieldrin	-			3.7 UJ	ug/kg	3.7	-			3.7 U	ug/kg	3.7
4,4-DDE	-			3.7 UJ	ug/kg	3.7	-			3.7 U	ug/kg	3.7
Endrin	-			3.7 UJ	ug/kg	3.7	-			3.7 U	ug/kg	3.7
Endosulfan II	-			3.7 UJ	ug/kg	3.7	-			3.7 U	ug/kg	3.7
4,4-DDD	-			3.7 UJ	ug/kg	3.7	-			3.7 U	ug/kg	3.7
Endosulfan sulfate	-			3.7 UJ	ug/kg	3.7	-			3.7 U	ug/kg	3.7
4,4-DDT	-			3.7 UJ	ug/kg	3.7	-			3.7 U	ug/kg	3.7
Methoxychlor	-			19 UJ	ug/kg	19	-			19 U	ug/kg	19
Endrin ketone	-			3.7 UJ	ug/kg	3.7	-			3.7 U	ug/kg	3.7
Endrin aldehyde	-			3.7 UJ	ug/kg	3.7	-			3.7 U	ug/kg	3.7
alpha-Chlordane	-			1.9 UJ	ug/kg	1.9	-			1.9 U	ug/kg	1.9
gamma-Chlordane	-			1.9 UJ	ug/kg	1.9	-			1.9 U	ug/kg	1.9
Toxaphene	-			190 UJ	ug/kg	190	-			190 U	ug/kg	190
Aroclor-1016	-			37 UJ	ug/kg	37	-			37 U	ug/kg	37
Aroclor-1221	-			76 UJ	ug/kg	76	-			76 U	ug/kg	76
Aroclor-1232	-			37 UJ	ug/kg	37	-			37 U	ug/kg	37
Aroclor-1242	-			37 UJ	ug/kg	37	-			37 U	ug/kg	37
Aroclor-1248	-			37 UJ	ug/kg	37	-			37 U	ug/kg	37
Aroclor-1254	-			37 UJ	ug/kg	37	-			37 U	ug/kg	37
Aroclor-1260	-			37 UJ	ug/kg	37	-			37 U	ug/kg	37

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08/01/93 WHITING FIELD ANALYTICAL RESULT REPORT 17:08:14
SOIL BORING -- PESTICIDES/PCBS - VALIDATED RESULTS

Lab Sample Number:	34848012			34848012			34848013			34848013		
Site	WHITING			WHITING			WHITING			WHITING		
Locator	32SB4-25-27			32SB4-25-27			32SB4-35-37			32SB4-35-37		
Collect Date:	12-JAN-93			12-JAN-93			12-JAN-93			12-JAN-93		
	VALUE QUAL	UNITS	DL	VALUE QUAL	UNITS	DL	VALUE QUAL	UNITS	DL	VALUE QUAL	UNITS	DL
CLP PESTICIDES/PCBS 90-SOW												
alpha-BHC	-			1.9 UJ	ug/kg	1.9	-			1.8 U	ug/kg	1.8
beta-BHC	-			1.9 UJ	ug/kg	1.9	-			1.8 U	ug/kg	1.8
delta-BHC	-			1.9 UJ	ug/kg	1.9	-			1.8 U	ug/kg	1.8
gamma-BHC (Lindane)	-			1.9 UJ	ug/kg	1.9	-			1.8 U	ug/kg	1.8
Heptachlor	-			1.9 UJ	ug/kg	1.9	-			1.8 U	ug/kg	1.8
Aldrin	-			1.9 UJ	ug/kg	1.9	-			1.8 U	ug/kg	1.8
Heptachlor epoxide	-			1.9 UJ	ug/kg	1.9	-			1.8 U	ug/kg	1.8
Endosulfan I	-			1.9 UJ	ug/kg	1.9	-			1.8 U	ug/kg	1.8
Dieldrin	-			3.7 UJ	ug/kg	3.7	-			3.5 U	ug/kg	3.5
4,4-DDE	-			3.7 UJ	ug/kg	3.7	-			3.5 U	ug/kg	3.5
Endrin	-			3.7 UJ	ug/kg	3.7	-			3.5 U	ug/kg	3.5
Endosulfan II	-			3.7 UJ	ug/kg	3.7	-			3.5 U	ug/kg	3.5
4,4-DDD	-			3.7 UJ	ug/kg	3.7	-			3.5 U	ug/kg	3.5
Endosulfan sulfate	-			3.7 UJ	ug/kg	3.7	-			3.5 U	ug/kg	3.5
4,4-DDT	-			3.7 UJ	ug/kg	3.7	-			3.5 U	ug/kg	3.5
Methoxychlor	-			19 UJ	ug/kg	19	-			18 U	ug/kg	18
Endrin ketone	-			3.7 UJ	ug/kg	3.7	-			3.5 U	ug/kg	3.5
Endrin aldehyde	-			3.7 UJ	ug/kg	3.7	-			3.5 U	ug/kg	3.5
alpha-Chlordane	-			1.9 UJ	ug/kg	1.9	-			1.8 U	ug/kg	1.8
gamma-Chlordane	-			1.9 UJ	ug/kg	1.9	-			1.8 U	ug/kg	1.8
Toxaphene	-			190 UJ	ug/kg	190	-			180 U	ug/kg	180
Aroclor-1016	-			37 UJ	ug/kg	37	-			35 U	ug/kg	35
Aroclor-1221	-			75 UJ	ug/kg	75	-			71 U	ug/kg	71
Aroclor-1232	-			37 UJ	ug/kg	37	-			35 U	ug/kg	35
Aroclor-1242	-			37 UJ	ug/kg	37	-			35 U	ug/kg	35
Aroclor-1248	-			37 UJ	ug/kg	37	-			35 U	ug/kg	35
Aroclor-1254	-			37 UJ	ug/kg	37	-			35 U	ug/kg	35
Aroclor-1260	-			37 UJ	ug/kg	37	-			35 U	ug/kg	35

U = NOT DETECTED J = ESTIMATED VALUE
UJ = [illegible]PORTED QUANTITATION LIMIT IS QUALIFIED AS ESTIMATED
R = [illegible]LT IS REJECTED AND UNUSABLE

08/01/93 WHITING FIELD ANALYTICAL RESULT REPORT 17:08:14
SOIL BORING -- PESTICIDES/PCBS - VALIDATED RESULTS

Lab Sample Number:	34848014				34848014			
Site	WHITING				WHITING			
Locator	32SB4-45-47				32SB4-45-47			
Collect Date:	12-JAN-93				12-JAN-93			
	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL
CLP PESTICIDES/PCBS 90-SOW								
alpha-BHC		-			1.8	U	ug/kg	1.8
beta-BHC		-			1.8	U	ug/kg	1.8
delta-BHC		-			1.8	U	ug/kg	1.8
gamma-BHC (Lindane)		-			1.8	U	ug/kg	1.8
Heptachlor		-			1.8	U	ug/kg	1.8
Aldrin		-			1.8	U	ug/kg	1.8
Heptachlor epoxide		-			1.8	U	ug/kg	1.8
Endosulfan I		-			1.8	U	ug/kg	1.8
Dieldrin		-			3.5	U	ug/kg	3.5
4,4-DDE		-			3.5	U	ug/kg	3.5
Endrin		-			3.5	U	ug/kg	3.5
Endosulfan II		-			3.5	U	ug/kg	3.5
4,4-DDD		-			3.5	U	ug/kg	3.5
Endosulfan sulfate		-			3.5	U	ug/kg	3.5
4,4-DDT		-			3.5	U	ug/kg	3.5
Methoxychlor		-			18	U	ug/kg	18
Endrin ketone		-			3.5	U	ug/kg	3.5
Endrin aldehyde		-			3.5	U	ug/kg	3.5
alpha-Chlordane		-			1.8	U	ug/kg	1.8
gamma-Chlordane		-			1.8	U	ug/kg	1.8
Toxaphene		-			180	U	ug/kg	180
Aroclor-1016		-			35	U	ug/kg	35
Aroclor-1221		-			71	U	ug/kg	71
Aroclor-1232		-			35	U	ug/kg	35
Aroclor-1242		-			35	U	ug/kg	35
Aroclor-1248		-			35	U	ug/kg	35
Aroclor-1254		-			35	U	ug/kg	35
Aroclor-1260		-			35	U	ug/kg	35

U = NOT DETECTED J = ESTIMATED VALUE
UJ = REPORTED QUANTITATION LIMIT IS QUALIFIED AS ESTIMATED
R = RESULT IS REJECTED AND UNUSABLE

08/01/93 WHITING FIELD ANALYTICAL RESULT REPORT 17:09:56
SOIL BORING -- PESTICIDES/PCBS - VALIDATED RESULTS

Lab Sample Number:	34925008				34925009				34925011				34925010			
Site	WHITING				WHITING				WHITING				WHITING			
Locator	32SB5-1-2				32SB5-5-7				32SB5-10-12				32SB5-20-22			
Collect Date:	19-JAN-93				19-JAN-93				19-JAN-93				19-JAN-93			
	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL
CLP PESTICIDES/PCBS 90-SOW																
alpha-BHC	1.9	UJ	ug/kg	1.9	2	UJ	ug/kg	2	2	UJ	ug/kg	2	2	UJ	ug/kg	2
beta-BHC	1.9	UJ	ug/kg	1.9	2	UJ	ug/kg	2	2	UJ	ug/kg	2	2	UJ	ug/kg	2
delta-BHC	1.9	UJ	ug/kg	1.9	2	UJ	ug/kg	2	2	UJ	ug/kg	2	2	UJ	ug/kg	2
gamma-BHC (Lindane)	1.9	UJ	ug/kg	1.9	2	UJ	ug/kg	2	2	UJ	ug/kg	2	2	UJ	ug/kg	2
Heptachlor	1.9	UJ	ug/kg	1.9	2	UJ	ug/kg	2	2	UJ	ug/kg	2	2	UJ	ug/kg	2
Aldrin	1.9	UJ	ug/kg	1.9	2	UJ	ug/kg	2	2	UJ	ug/kg	2	2	UJ	ug/kg	2
Heptachlor epoxide	1.9	UJ	ug/kg	1.9	2	UJ	ug/kg	2	2	UJ	ug/kg	2	2	UJ	ug/kg	2
Endosulfan I	1.9	UJ	ug/kg	1.9	2	UJ	ug/kg	2	2	UJ	ug/kg	2	2	UJ	ug/kg	2
Dieldrin	3.7	UJ	ug/kg	3.7	3.9	UJ	ug/kg	3.9	3.8	UJ	ug/kg	3.8	3.8	UJ	ug/kg	3.8
4,4-DDE	3.7	UJ	ug/kg	3.7	3.9	UJ	ug/kg	3.9	3.8	UJ	ug/kg	3.8	3.8	UJ	ug/kg	3.8
Endrin	3.7	UJ	ug/kg	3.7	3.9	UJ	ug/kg	3.9	3.8	UJ	ug/kg	3.8	3.8	UJ	ug/kg	3.8
Endosulfan II	3.7	UJ	ug/kg	3.7	3.9	UJ	ug/kg	3.9	3.8	UJ	ug/kg	3.8	3.8	UJ	ug/kg	3.8
4,4-DDD	3.7	UJ	ug/kg	3.7	3.9	UJ	ug/kg	3.9	3.8	UJ	ug/kg	3.8	3.8	UJ	ug/kg	3.8
Endosulfan sulfate	3.7	UJ	ug/kg	3.7	3.9	UJ	ug/kg	3.9	3.8	UJ	ug/kg	3.8	3.8	UJ	ug/kg	3.8
4,4-DDT	3.7	UJ	ug/kg	3.7	3.9	UJ	ug/kg	3.9	3.8	UJ	ug/kg	3.8	3.8	UJ	ug/kg	3.8
Methoxychlor	19	UJ	ug/kg	19	20	UJ	ug/kg	20	20	UJ	ug/kg	20	20	UJ	ug/kg	20
Endrin ketone	3.7	UJ	ug/kg	3.7	3.9	UJ	ug/kg	3.9	3.8	UJ	ug/kg	3.8	3.8	UJ	ug/kg	3.8
Endrin aldehyde	3.7	UJ	ug/kg	3.7	3.9	UJ	ug/kg	3.9	3.8	UJ	ug/kg	3.8	3.8	UJ	ug/kg	3.8
alpha-Chlordane	1.9	UJ	ug/kg	1.9	2	UJ	ug/kg	2	2	UJ	ug/kg	2	2	UJ	ug/kg	2
gamma-Chlordane	1.9	UJ	ug/kg	1.9	2	UJ	ug/kg	2	2	UJ	ug/kg	2	2	UJ	ug/kg	2
Toxaphene	190	UJ	ug/kg	190	200	UJ	ug/kg	200	200	UJ	ug/kg	200	200	UJ	ug/kg	200
Aroclor-1016	37	UJ	ug/kg	37	39	UJ	ug/kg	39	38	UJ	ug/kg	38	38	UJ	ug/kg	38
Aroclor-1221	74	UJ	ug/kg	74	79	UJ	ug/kg	79	78	UJ	ug/kg	78	78	UJ	ug/kg	78
Aroclor-1232	37	UJ	ug/kg	37	39	UJ	ug/kg	39	38	UJ	ug/kg	38	38	UJ	ug/kg	38
Aroclor-1242	37	UJ	ug/kg	37	39	UJ	ug/kg	39	38	UJ	ug/kg	38	38	UJ	ug/kg	38
Aroclor-1248	37	UJ	ug/kg	37	39	UJ	ug/kg	39	38	UJ	ug/kg	38	38	UJ	ug/kg	38
Aroclor-1254	37	UJ	ug/kg	37	39	UJ	ug/kg	39	38	UJ	ug/kg	38	38	UJ	ug/kg	38
Aroclor-1260	37	UJ	ug/kg	37	39	UJ	ug/kg	39	38	UJ	ug/kg	38	38	UJ	ug/kg	38

U = NOT DETECTED J = ESTIMATED VALUE
UJ)PORTED QUANTITATION LIMIT IS QUALIFIED AS ESTIMATED
R)LT IS REJECTED AND UNUSABLE

08/01/93 WHITING FIELD ANALYTICAL RESULT REPORT 17:09:56
SOIL BORING -- PESTICIDES/PCBS - VALIDATED RESULTS

Lab Sample Number:	34925012				34925013			
Site	WHITING				WHITING			
Locator	32SB5-45-47				32SB5-45-47A			
Collect Date:	19-JAN-93				19-JAN-93			
	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL
CLP PESTICIDES/PCBS 90-SOW								
alpha-BHC	1.9	UJ	ug/kg	1.9	1.8	UJ	ug/kg	1.8
beta-BHC	1.9	UJ	ug/kg	1.9	1.8	UJ	ug/kg	1.8
delta-BHC	1.9	UJ	ug/kg	1.9	1.8	UJ	ug/kg	1.8
gamma-BHC (Lindane)	1.9	UJ	ug/kg	1.9	1.8	UJ	ug/kg	1.8
Heptachlor	1.9	UJ	ug/kg	1.9	1.8	UJ	ug/kg	1.8
Aldrin	1.9	UJ	ug/kg	1.9	1.8	UJ	ug/kg	1.8
Heptachlor epoxide	1.9	UJ	ug/kg	1.9	1.8	UJ	ug/kg	1.8
Endosulfan I	1.9	UJ	ug/kg	1.9	1.8	UJ	ug/kg	1.8
Dieldrin	3.6	UJ	ug/kg	3.6	3.6	UJ	ug/kg	3.6
4,4-DDE	3.6	UJ	ug/kg	3.6	3.6	UJ	ug/kg	3.6
Endrin	3.6	UJ	ug/kg	3.6	3.6	UJ	ug/kg	3.6
Endosulfan II	3.6	UJ	ug/kg	3.6	3.6	UJ	ug/kg	3.6
4,4-DDD	3.6	UJ	ug/kg	3.6	3.6	UJ	ug/kg	3.6
Endosulfan sulfate	3.6	UJ	ug/kg	3.6	3.6	UJ	ug/kg	3.6
4,4-DDT	3.6	UJ	ug/kg	3.6	3.6	UJ	ug/kg	3.6
Methoxychlor	19	UJ	ug/kg	19	18	UJ	ug/kg	18
Endrin ketone	3.6	UJ	ug/kg	3.6	3.6	UJ	ug/kg	3.6
Endrin aldehyde	3.6	UJ	ug/kg	3.6	3.6	UJ	ug/kg	3.6
alpha-Chlordane	1.9	UJ	ug/kg	1.9	1.8	UJ	ug/kg	1.8
gamma-Chlordane	1.9	UJ	ug/kg	1.9	1.8	UJ	ug/kg	1.8
Toxaphene	190	UJ	ug/kg	190	180	UJ	ug/kg	180
Aroclor-1016	36	UJ	ug/kg	36	36	UJ	ug/kg	36
Aroclor-1221	74	UJ	ug/kg	74	73	UJ	ug/kg	73
Aroclor-1232	36	UJ	ug/kg	36	36	UJ	ug/kg	36
Aroclor-1242	36	UJ	ug/kg	36	36	UJ	ug/kg	36
Aroclor-1248	36	UJ	ug/kg	36	36	UJ	ug/kg	36
Aroclor-1254	36	UJ	ug/kg	36	36	UJ	ug/kg	36
Aroclor-1260	36	UJ	ug/kg	36	36	UJ	ug/kg	36

U = NOT DETECTED J = ESTIMATED VALUE
UJ = REPORTED QUANTITATION LIMIT IS QUALIFIED AS ESTIMATED
R = RESULT IS REJECTED AND UNUSABLE

06/29/94 WHITING FIELD - SITE 32 - TCL PESTICIDES AND PCBS 09:28:30
SOIL BORINGS

Lab Sample Number:	34938007			34938004			34938005			34938006		
Site	WHITING			WHITING			WHITING			WHITING		
Locator	32SB5-61-63			32SB7-0-2			32SB7-5-7			32SB7-15-17		
Collect Date:	20-JAN-93			20-JAN-93			20-JAN-93			20-JAN-93		
	VALUE	QUAL	UNITS	VALUE	QUAL	UNITS	VALUE	QUAL	UNITS	VALUE	QUAL	UNITS
CLP PESTICIDES/PCBS 90-SOW												
alpha-BHC	1.8	U	ug/kg	1.8	U	ug/kg	2	U	ug/kg	2	U	ug/kg
beta-BHC	1.8	U	ug/kg	1.8	U	ug/kg	2	U	ug/kg	2	U	ug/kg
delta-BHC	1.8	U	ug/kg	1.8	U	ug/kg	2	U	ug/kg	2	U	ug/kg
gamma-BHC (Lindane)	1.8	U	ug/kg	1.8	U	ug/kg	2	U	ug/kg	2	U	ug/kg
Heptachlor	1.8	U	ug/kg	1.8	U	ug/kg	2	U	ug/kg	2	U	ug/kg
Aldrin	1.8	U	ug/kg	1.8	U	ug/kg	2	U	ug/kg	2	U	ug/kg
Heptachlor epoxide	1.8	U	ug/kg	1.8	U	ug/kg	2	U	ug/kg	2	U	ug/kg
Endosulfan I	1.8	U	ug/kg	1.8	U	ug/kg	2	U	ug/kg	2	U	ug/kg
Dieldrin	3.5	U	ug/kg	3.5	U	ug/kg	3.8	U	ug/kg	3.9	U	ug/kg
4,4-DDE	3.5	U	ug/kg	.69	J	ug/kg	3.8	U	ug/kg	3.9	U	ug/kg
Endrin	3.5	U	ug/kg	3.5	U	ug/kg	3.8	U	ug/kg	3.9	U	ug/kg
Endosulfan II	3.5	U	ug/kg	3.5	U	ug/kg	3.8	U	ug/kg	3.9	U	ug/kg
4,4-DDD	3.5	U	ug/kg	2.2	J	ug/kg	3.8	U	ug/kg	3.9	U	ug/kg
Endosulfan sulfate	3.5	U	ug/kg	3.5	U	ug/kg	3.8	U	ug/kg	3.9	U	ug/kg
4,4-DDT	3.5	U	ug/kg	3.5	U	ug/kg	3.8	U	ug/kg	3.9	U	ug/kg
Methoxychlor	18	U	ug/kg	18	U	ug/kg	20	U	ug/kg	20	U	ug/kg
Endrin ketone	3.5	U	ug/kg	3.5	U	ug/kg	3.8	U	ug/kg	3.9	U	ug/kg
Endrin aldehyde	3.5	U	ug/kg	3.5	U	ug/kg	3.8	U	ug/kg	3.9	U	ug/kg
alpha-Chlordane	1.8	U	ug/kg	1.8	U	ug/kg	2	U	ug/kg	2	U	ug/kg
gamma-Chlordane	1.8	U	ug/kg	1.8	U	ug/kg	2	U	ug/kg	2	U	ug/kg
Toxaphene	180	U	ug/kg	180	U	ug/kg	200	U	ug/kg	200	U	ug/kg
Aroclor-1016	35	U	ug/kg	35	U	ug/kg	38	U	ug/kg	39	U	ug/kg
Aroclor-1221	71	U	ug/kg	71	U	ug/kg	77	U	ug/kg	79	U	ug/kg
Aroclor-1232	35	U	ug/kg	35	U	ug/kg	38	U	ug/kg	39	U	ug/kg
Aroclor-1242	35	U	ug/kg	35	U	ug/kg	38	U	ug/kg	39	U	ug/kg
Aroclor-1248	35	U	ug/kg	35	U	ug/kg	38	U	ug/kg	39	U	ug/kg
Aroclor-1254	35	U	ug/kg	35	U	ug/kg	38	U	ug/kg	39	U	ug/kg
Aroclor-1260	35	U	ug/kg	35	U	ug/kg	38	U	ug/kg	39	U	ug/kg

06/29/94 WHITING FIELD - SITE 32 .CL PESTICIDES AND PCBS 13:29:44
SOIL BORINGS

Lab Sample Number:	34938008
Site	WHITING
Locator	32B5-95-97
Collect Date:	20-JAN-93

	VALUE	QUAL	UNITS
CLP PESTICIDES/PCBS 90-SOW			
alpha-BHC	1.9	U	ug/kg
beta-BHC	1.9	U	ug/kg
delta-BHC	1.9	U	ug/kg
gamma-BHC (Lindane)	1.9	U	ug/kg
Heptachlor	1.9	U	ug/kg
Aldrin	1.9	U	ug/kg
Heptachlor epoxide	1.9	U	ug/kg
Endosulfan I	1.9	U	ug/kg
Dieldrin	3.6	U	ug/kg
4,4-DDE	3.6	U	ug/kg
Endrin	3.6	U	ug/kg
Endosulfan II	3.6	U	ug/kg
4,4-DDD	3.6	U	ug/kg
Endosulfan sulfate	3.6	U	ug/kg
4,4-DDT	3.6	U	ug/kg
Methoxychlor	19	U	ug/kg
Endrin ketone	3.6	U	ug/kg
Endrin aldehyde	3.6	U	ug/kg
alpha-Chlordane	1.9	U	ug/kg
gamma-Chlordane	1.9	U	ug/kg
Toxaphene	190	U	ug/kg
Aroclor-1016	36	U	ug/kg
Aroclor-1221	74	U	ug/kg
Aroclor-1232	36	U	ug/kg
Aroclor-1242	36	U	ug/kg
Aroclor-1248	36	U	ug/kg
Aroclor-1254	36	U	ug/kg
Aroclor-1260	36	U	ug/kg

08/01/93 WHITING FIELD ANALYTICAL RESULT REPORT 17:10:47
SOIL BORING -- PESTICIDES/PCBS - VALIDATED RESULTS

Lab Sample Number:	34847001				34846016				34846016				34847002			
Site	WHITING				WHITING				WHITING				WHITING			
Locator	32SB6-5-7				32SB6-0-2				32SB6-0-2				32SB6-5-7A			
Collect Date:	11-JAN-93				12-JAN-93				12-JAN-93				11-JAN-93			
	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL
CLP PESTICIDES/PCBS 90-SOW																
alpha-BHC	1.9	UJ	ug/kg	1.9	1.9	UJ	ug/kg	1.9	-				1.9	UJ	ug/kg	1.9
beta-BHC	1.9	UJ	ug/kg	1.9	1.9	UJ	ug/kg	2	-				1.9	UJ	ug/kg	1.9
delta-BHC	1.9	UJ	ug/kg	1.9	1.9	UJ	ug/kg	1.9	-				1.9	UJ	ug/kg	1.9
gamma-BHC (Lindane)	1.9	UJ	ug/kg	1.9	1.9	UJ	ug/kg	1.9	-				1.9	UJ	ug/kg	1.9
Heptachlor	1.9	UJ	ug/kg	1.9	1.9	UJ	ug/kg	1.9	-				1.9	UJ	ug/kg	1.9
Aldrin	1.9	UJ	ug/kg	1.9	1.9	UJ	ug/kg	1.9	-				1.9	UJ	ug/kg	1.9
Heptachlor epoxide	1.9	UJ	ug/kg	1.9	1.9	UJ	ug/kg	1.9	-				1.9	UJ	ug/kg	1.9
Endosulfan I	1.9	UJ	ug/kg	1.9	1.9	UJ	ug/kg	1.9	-				1.9	UJ	ug/kg	1.9
Dieldrin	3.7	UJ	ug/kg	3.7	3.6	UJ	ug/kg	3.6	-				3.7	UJ	ug/kg	3.7
4,4-DDE	3.7	UJ	ug/kg	3.7	3.6	UJ	ug/kg	3.6	-				3.7	UJ	ug/kg	3.7
Endrin	3.7	UJ	ug/kg	3.7	3.6	UJ	ug/kg	3.6	-				3.7	UJ	ug/kg	3.7
Endosulfan II	3.7	UJ	ug/kg	3.7	3.6	UJ	ug/kg	3.6	-				3.7	UJ	ug/kg	3.7
4,4-DDD	3.7	UJ	ug/kg	3.7	3.6	UJ	ug/kg	3.6	-				3.7	UJ	ug/kg	3.7
Endosulfan sulfate	3.7	UJ	ug/kg	3.7	3.6	UJ	ug/kg	3.6	-				3.7	UJ	ug/kg	3.7
4,4-DDT	3.7	UJ	ug/kg	3.7	3.6	UJ	ug/kg	3.6	-				3.7	UJ	ug/kg	3.7
Methoxychlor	19	UJ	ug/kg	19	19	UJ	ug/kg	19	-				19	UJ	ug/kg	19
Endrin ketone	3.7	UJ	ug/kg	3.7	3.6	UJ	ug/kg	3.6	-				3.7	UJ	ug/kg	3.7
Endrin aldehyde	3.7	UJ	ug/kg	3.7	3.6	UJ	ug/kg	3.6	-				3.7	UJ	ug/kg	3.7
alpha-Chlordane	1.9	UJ	ug/kg	1.9	1.9	UJ	ug/kg	1.9	-				1.9	UJ	ug/kg	1.9
gamma-Chlordane	1.9	UJ	ug/kg	1.9	1.9	UJ	ug/kg	1.9	-				1.9	UJ	ug/kg	1.9
Toxaphene	190	UJ	ug/kg	190	190	UJ	ug/kg	190	-				190	UJ	ug/kg	190
Aroclor-1016	37	UJ	ug/kg	37	36	UJ	ug/kg	36	-				37	UJ	ug/kg	37
Aroclor-1221	76	UJ	ug/kg	76	74	UJ	ug/kg	74	-				75	UJ	ug/kg	75
Aroclor-1232	37	UJ	ug/kg	37	36	UJ	ug/kg	36	-				37	UJ	ug/kg	37
Aroclor-1242	37	UJ	ug/kg	37	36	UJ	ug/kg	36	-				37	UJ	ug/kg	37
Aroclor-1248	37	UJ	ug/kg	37	36	UJ	ug/kg	36	-				37	UJ	ug/kg	37
Aroclor-1254	37	UJ	ug/kg	37	160	J	ug/kg	36	-				37	UJ	ug/kg	37
Aroclor-1260	37	UJ	ug/kg	37	36	UJ	ug/kg	36	-				37	UJ	ug/kg	37

U = NOT DETECTED J = ESTIMATED VALUE
UJ = ORTED QUANTITATION LIMIT IS QUALIFIED AS ESTIMATED
R = T IS REJECTED AND UNUSABLE

08/01/93 WHITING FIELD ANALYTICAL RESULT REPORT 17:10:47
SOIL BORING -- PESTICIDES/PCBS - VALIDATED RESULTS

Lab Sample Number:	34847001MS			34847M01			34847001MS			34847D01		
Site	WHITING			WHITING			WHITING			WHITING		
Locator	32SB6-5-7MS			32SB6-5-7MS			32SB6-5-7MSD			32SB6-5-7MSD		
Collect Date:	11-JAN-93			11-JAN-93			11-JAN-93			11-JAN-93		
	VALUE	QUAL UNITS	DL	VALUE	QUAL UNITS	DL	VALUE	QUAL UNITS	DL	VALUE	QUAL UNITS	DL
CLP PESTICIDES/PCBS 90-SOW												
alpha-BHC	-			1.9	U ug/kg	1.9	-			-		
beta-BHC	-			1.9	U ug/kg	1.9	-			-		
delta-BHC	-			1.9	U ug/kg	1.9	-			-		
gamma-BHC (Lindane)	-			1.9	U ug/kg	1.9	-			-		
Heptachlor	-			1.9	U ug/kg	1.9	-			-		
Aldrin	-			1.9	U ug/kg	1.9	-			-		
Heptachlor epoxide	-			1.9	U ug/kg	1.9	-			-		
Endosulfan I	-			1.9	U ug/kg	1.9	-			-		
Dieldrin	-			3.7	U ug/kg	3.7	-			-		
4,4-DDE	-			3.7	U ug/kg	3.7	-			-		
Endrin	-			3.7	U ug/kg	3.7	-			-		
Endosulfan II	-			3.7	U ug/kg	3.7	-			-		
4,4-DDD	-			3.7	U ug/kg	3.7	-			-		
Endosulfan sulfate	-			3.7	U ug/kg	3.7	-			-		
4,4-DDT	-			3.7	U ug/kg	3.7	-			-		
Methoxychlor	-			19	U ug/kg	19	-			-		
Endrin ketone	-			3.7	U ug/kg	3.7	-			-		
Endrin aldehyde	-			3.7	U ug/kg	3.7	-			-		
alpha-Chlordane	-			1.9	U ug/kg	1.9	-			-		
gamma-Chlordane	-			1.9	U ug/kg	1.9	-			-		
Toxaphene	-			190	U ug/kg	190	-			-		
Aroclor-1016	-			37	U ug/kg	37	-			-		
Aroclor-1221	-			76	U ug/kg	76	-			-		
Aroclor-1232	-			37	U ug/kg	37	-			-		
Aroclor-1242	-			37	U ug/kg	37	-			-		
Aroclor-1248	-			37	U ug/kg	37	-			-		
Aroclor-1254	-			37	U ug/kg	37	-			-		
Aroclor-1260	-			37	U ug/kg	37	-			-		

U = NOT DETECTED J = ESTIMATED VALUE
UJ = REPORTED QUANTITATION LIMIT IS QUALIFIED AS ESTIMATED
R = RESULT IS REJECTED AND UNUSABLE

08/01/93 WHITING FIELD ANALYTICAL RESULT REPORT 17:10:47
SOIL BORING -- PESTICIDES/PCBS - VALIDATED RESULTS

Lab Sample Number:	34847D01				34846014				34846014				34846015			
Site	WHITING				WHITING				WHITING				WHITING			
Locator	32SB6-5-7MSD				32SB6-10-12				32SB6-10-12				32SB6-20-22			
Collect Date:	11-JAN-93				12-JAN-93				12-JAN-93				12-JAN-93			
	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL
CLP PESTICIDES/PCBS 90-SOW																
alpha-BHC	1.9	U	ug/kg	1.9	2	UJ	ug/kg	2	-				1.8	UJ	ug/kg	1.8
beta-BHC	1.9	U	ug/kg	1.9	2	UJ	ug/kg	2	-				1.8	UJ	ug/kg	1.8
delta-BHC	1.9	U	ug/kg	1.9	2	UJ	ug/kg	2	-				1.8	UJ	ug/kg	1.8
gamma-BHC (Lindane)	1.9	U	ug/kg	1.9	2	UJ	ug/kg	2	-				1.8	UJ	ug/kg	1.8
Heptachlor	1.9	U	ug/kg	1.9	2	UJ	ug/kg	2	-				1.8	UJ	ug/kg	1.8
Aldrin	1.9	U	ug/kg	1.9	2	UJ	ug/kg	2	-				1.8	UJ	ug/kg	1.8
Heptachlor epoxide	1.9	U	ug/kg	1.9	2	UJ	ug/kg	2	-				1.8	UJ	ug/kg	1.8
Endosulfan I	1.9	U	ug/kg	1.9	2	UJ	ug/kg	2	-				1.8	UJ	ug/kg	1.8
Dieldrin	3.7	U	ug/kg	3.7	4	UJ	ug/kg	4	-				3.5	UJ	ug/kg	3.5
4,4-DDE	3.7	U	ug/kg	3.7	4	UJ	ug/kg	4	-				3.5	UJ	ug/kg	3.5
Endrin	3.7	U	ug/kg	3.7	4	UJ	ug/kg	4	-				3.5	UJ	ug/kg	3.5
Endosulfan II	3.7	U	ug/kg	3.7	4	UJ	ug/kg	4	-				3.5	UJ	ug/kg	3.5
4,4-DDD	3.7	U	ug/kg	3.7	4	UJ	ug/kg	4	-				3.5	UJ	ug/kg	3.5
Endosulfan sulfate	3.7	U	ug/kg	3.7	4	UJ	ug/kg	4	-				3.5	UJ	ug/kg	3.5
4,4-DDT	3.7	U	ug/kg	3.7	4	UJ	ug/kg	4	-				3.5	UJ	ug/kg	3.5
Methoxychlor	19	U	ug/kg	19	20	UJ	ug/kg	20	-				18	UJ	ug/kg	18
Endrin ketone	3.7	U	ug/kg	3.7	4	UJ	ug/kg	4	-				3.5	UJ	ug/kg	3.5
Endrin aldehyde	3.7	U	ug/kg	3.7	4	UJ	ug/kg	4	-				3.5	UJ	ug/kg	3.5
alpha-Chlordane	1.9	U	ug/kg	1.9	2	UJ	ug/kg	2	-				1.8	UJ	ug/kg	1.8
gamma-Chlordane	1.9	U	ug/kg	1.9	2	UJ	ug/kg	2	-				1.8	UJ	ug/kg	1.8
Toxaphene	190	U	ug/kg	190	200	UJ	ug/kg	200	-				180	UJ	ug/kg	180
Aroclor-1016	37	U	ug/kg	37	40	UJ	ug/kg	40	-				35	UJ	ug/kg	35
Aroclor-1221	76	U	ug/kg	76	81	UJ	ug/kg	81	-				71	UJ	ug/kg	71
Aroclor-1232	37	U	ug/kg	37	40	UJ	ug/kg	40	-				35	UJ	ug/kg	35
Aroclor-1242	37	U	ug/kg	37	40	UJ	ug/kg	40	-				35	UJ	ug/kg	35
Aroclor-1248	37	U	ug/kg	37	40	UJ	ug/kg	40	-				35	UJ	ug/kg	35
Aroclor-1254	37	U	ug/kg	37	40	UJ	ug/kg	40	-				35	UJ	ug/kg	35
Aroclor-1260	37	U	ug/kg	37	40	UJ	ug/kg	40	-				35	UJ	ug/kg	35

U = NOT DETECTED J = ESTIMATED VALUE
UJ = [illegible]PORTED QUANTITATION LIMIT IS QUALIFIED AS ESTIMATED
R = [illegible]LT IS REJECTED AND UNUSABLE

08/01/93 WHITING FIELD ANALYTICAL RESULT REPORT 17:10:47
SOIL BORING -- PESTICIDES/PCBS - VALIDATED RESULTS

Lab Sample Number:	34846015			34846013			34846013			34846011		
Site	WHITING			WHITING			WHITING			WHITING		
Locator	32SB6-20-22			32SB6-30-32			32SB6-30-32			32SB6-45-47		
Collect Date:	12-JAN-93			12-JAN-93			12-JAN-93			12-JAN-93		
	VALUE QUAL	UNITS	DL	VALUE QUAL	UNITS	DL	VALUE QUAL	UNITS	DL	VALUE QUAL	UNITS	DL
CLP PESTICIDES/PCBS 90-SOW												
alpha-BHC	-			1.8 UJ	ug/kg	1.8	-			1.9 UJ	ug/kg	1.9
beta-BHC	-			1.8 UJ	ug/kg	1.8	-			1.9 UJ	ug/kg	1.9
delta-BHC	-			1.8 UJ	ug/kg	1.8	-			1.9 UJ	ug/kg	1.9
gamma-BHC (Lindane)	-			1.8 UJ	ug/kg	1.8	-			1.9 UJ	ug/kg	1.9
Heptachlor	-			1.8 UJ	ug/kg	1.8	-			1.9 UJ	ug/kg	1.9
Aldrin	-			1.8 UJ	ug/kg	1.8	-			1.9 UJ	ug/kg	1.9
Heptachlor epoxide	-			1.8 UJ	ug/kg	1.8	-			1.9 UJ	ug/kg	1.9
Endosulfan I	-			1.8 UJ	ug/kg	1.8	-			1.9 UJ	ug/kg	1.9
Dieldrin	-			3.5 UJ	ug/kg	3.5	-			3.7 UJ	ug/kg	3.7
4,4-DDE	-			3.5 UJ	ug/kg	3.5	-			3.7 UJ	ug/kg	3.7
Endrin	-			3.5 UJ	ug/kg	3.5	-			3.7 UJ	ug/kg	3.7
Endosulfan II	-			3.5 UJ	ug/kg	3.5	-			3.7 UJ	ug/kg	3.7
4,4-DDD	-			3.5 UJ	ug/kg	3.5	-			3.7 UJ	ug/kg	3.7
Endosulfan sulfate	-			3.5 UJ	ug/kg	3.5	-			3.7 UJ	ug/kg	3.7
4,4-DDT	-			3.5 UJ	ug/kg	3.5	-			3.7 UJ	ug/kg	3.7
Methoxychlor	-			18 UJ	ug/kg	18	-			19 UJ	ug/kg	19
Endrin ketone	-			3.5 UJ	ug/kg	3.5	-			3.7 UJ	ug/kg	3.7
Endrin aldehyde	-			3.5 UJ	ug/kg	3.5	-			3.7 UJ	ug/kg	3.7
alpha-Chlordane	-			1.8 UJ	ug/kg	1.8	-			1.9 UJ	ug/kg	1.9
gamma-Chlordane	-			1.8 UJ	ug/kg	1.8	-			1.9 UJ	ug/kg	1.9
Toxaphene	-			180 UJ	ug/kg	180	-			190 UJ	ug/kg	190
Aroclor-1016	-			35 UJ	ug/kg	35	-			37 UJ	ug/kg	37
Aroclor-1221	-			71 UJ	ug/kg	71	-			76 UJ	ug/kg	76
Aroclor-1232	-			35 UJ	ug/kg	35	-			37 UJ	ug/kg	37
Aroclor-1242	-			35 UJ	ug/kg	35	-			37 UJ	ug/kg	37
Aroclor-1248	-			35 UJ	ug/kg	35	-			37 UJ	ug/kg	37
Aroclor-1254	-			35 UJ	ug/kg	35	-			37 UJ	ug/kg	37
Aroclor-1260	-			35 UJ	ug/kg	35	-			37 UJ	ug/kg	37

U = NOT DETECTED J = ESTIMATED VALUE
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08/01/93 WHITING FIELD ANALYTICAL RESULT REPORT 17:10:47
SOIL BORING -- PESTICIDES/PCBS - VALIDATED RESULTS

Lab Sample Number:	34846011			34846012			34846012		
Site	WHITING			WHITING			WHITING		
Locator	32SB6-45-47			32SB6-45-47A			32SB6-45-47A		
Collect Date:	12-JAN-93			12-JAN-93			12-JAN-93		
	VALUE	QUAL UNITS	DL	VALUE	QUAL UNITS	DL	VALUE	QUAL UNITS	DL
CLP PESTICIDES/PCBS 90-SOW									
alpha-BHC	-			1.8	UJ ug/kg	1.8	-		
beta-BHC	-			1.8	UJ ug/kg	1.8	-		
delta-BHC	-			1.8	UJ ug/kg	1.8	-		
gamma-BHC (Lindane)	-			1.8	UJ ug/kg	1.8	-		
Heptachlor	-			1.8	UJ ug/kg	1.8	-		
Aldrin	-			1.8	UJ ug/kg	1.8	-		
Heptachlor epoxide	-			1.8	UJ ug/kg	1.8	-		
Endosulfan I	-			1.8	UJ ug/kg	1.8	-		
Dieldrin	-			3.6	UJ ug/kg	3.6	-		
4,4-DDE	-			3.6	UJ ug/kg	3.6	-		
Endrin	-			3.6	UJ ug/kg	3.6	-		
Endosulfan II	-			3.6	UJ ug/kg	3.6	-		
4,4-DDD	-			3.6	UJ ug/kg	3.6	-		
Endosulfan sulfate	-			3.6	UJ ug/kg	3.6	-		
4,4-DDT	-			3.6	UJ ug/kg	3.6	-		
Methoxychlor	-			18	UJ ug/kg	18	-		
Endrin ketone	-			3.6	UJ ug/kg	3.6	-		
Endrin aldehyde	-			3.6	UJ ug/kg	3.6	-		
alpha-Chlordane	-			1.8	UJ ug/kg	1.8	-		
gamma-Chlordane	-			1.8	UJ ug/kg	1.8	-		
Toxaphene	-			180	UJ ug/kg	180	-		
Aroclor-1016	-			36	UJ ug/kg	36	-		
Aroclor-1221	-			73	UJ ug/kg	73	-		
Aroclor-1232	-			36	UJ ug/kg	36	-		
Aroclor-1242	-			36	UJ ug/kg	36	-		
Aroclor-1248	-			36	UJ ug/kg	36	-		
Aroclor-1254	-			36	UJ ug/kg	36	-		
Aroclor-1260	-			36	UJ ug/kg	36	-		

U = NOT DETECTED J = ESTIMATED VALUE
UJ = [illegible]PORTED QUANTITATION LIMIT IS QUALIFIED AS ESTIMATED
R [illegible]T IS REJECTED AND UNUSABLE

08/01/93 WHITING FIELD ANALYTICAL RESULT REPORT 17:12:54
SOIL BORING -- PESTICIDES/PCBS - VALIDATED RESULTS

Lab Sample Number:	34956001				34956001			
Site	WHITING				WHITING			
Locator	32SB7-30-32				32SB7-30-32			
Collect Date:	21-JAN-93				21-JAN-93			
	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL
CLP PESTICIDES/PCBS 90-SOW								
alpha-BHC	1.8	U	ug/kg	1.8	-			
beta-BHC	1.8	U	ug/kg	1.8	-			
delta-BHC	1.8	U	ug/kg	1.8	-			
gamma-BHC (Lindane)	1.8	U	ug/kg	1.8	-			
Heptachlor	1.8	U	ug/kg	1.8	-			
Aldrin	1.8	U	ug/kg	1.8	-			
Heptachlor epoxide	1.8	U	ug/kg	1.8	-			
Endosulfan I	1.8	U	ug/kg	1.8	-			
Dieldrin	3.6	U	ug/kg	3.6	-			
4,4-DDE	3.6	U	ug/kg	3.6	-			
Endrin	3.6	U	ug/kg	3.6	-			
Endosulfan II	3.6	U	ug/kg	3.6	-			
4,4-DDD	3.6	U	ug/kg	3.6	-			
Endosulfan sulfate	3.6	U	ug/kg	3.6	-			
4,4-DDT	3.6	U	ug/kg	3.6	-			
Methoxychlor	18	U	ug/kg	18	-			
Endrin ketone	3.6	U	ug/kg	3.6	-			
Endrin aldehyde	3.6	U	ug/kg	3.6	-			
alpha-Chlordane	1.8	U	ug/kg	1.8	-			
gamma-Chlordane	1.8	U	ug/kg	1.8	-			
Toxaphene	180	U	ug/kg	180	-			
Aroclor-1016	36	U	ug/kg	36	-			
Aroclor-1221	73	U	ug/kg	73	-			
Aroclor-1232	36	U	ug/kg	36	-			
Aroclor-1242	36	U	ug/kg	36	-			
Aroclor-1248	36	U	ug/kg	36	-			
Aroclor-1254	36	U	ug/kg	36	-			
Aroclor-1260	36	U	ug/kg	36	-			

U = NOT DETECTED J = ESTIMATED VALUE
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R = RESULT IS REJECTED AND UNUSABLE

08/01/93 WHITING FIELD ANALYTICAL RESULT REPORT 17:13:31
SOIL BORING -- PESTICIDES/PCBS - VALIDATED RESULTS

Lab Sample Number:	34956005				34956004			
Site	WHITING				WHITING			
Locator	32SB8-13-15				32SB8-5-7			
Collect Date:	21-JAN-93				21-JAN-93			
	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL
CLP PESTICIDES/PCBS 90-SOW								
alpha-BHC	1.9	U	ug/kg	1.9	1.8	U	ug/kg	1.8
beta-BHC	1.9	U	ug/kg	1.9	1.8	U	ug/kg	1.8
delta-BHC	1.9	U	ug/kg	1.9	1.8	U	ug/kg	1.8
gamma-BHC (Lindane)	1.9	U	ug/kg	1.9	1.8	U	ug/kg	1.8
Heptachlor	1.9	U	ug/kg	1.9	1.8	U	ug/kg	1.8
Aldrin	1.9	U	ug/kg	1.9	1.8	U	ug/kg	1.8
Heptachlor epoxide	1.9	U	ug/kg	1.9	1.8	U	ug/kg	1.8
Endosulfan I	1.9	U	ug/kg	1.9	1.8	U	ug/kg	1.8
Dieldrin	3.7	U	ug/kg	3.7	3.6	U	ug/kg	3.6
4,4-DDE	3.7	U	ug/kg	3.7	3.6	U	ug/kg	3.6
Endrin	3.7	U	ug/kg	3.7	3.6	U	ug/kg	3.6
Endosulfan II	3.7	U	ug/kg	3.7	3.6	U	ug/kg	3.6
4,4-DDD	3.7	U	ug/kg	3.7	3.6	U	ug/kg	3.6
Endosulfan sulfate	3.7	U	ug/kg	3.7	3.6	U	ug/kg	3.6
4,4-DDT	3.7	U	ug/kg	3.7	3.6	U	ug/kg	3.6
Methoxychlor	19	U	ug/kg	19	18	U	ug/kg	18
Endrin ketone	3.7	U	ug/kg	3.7	3.6	U	ug/kg	3.6
Endrin aldehyde	3.7	U	ug/kg	3.7	3.6	U	ug/kg	3.6
alpha-Chlordane	1.9	U	ug/kg	1.9	1.8	U	ug/kg	1.8
gamma-Chlordane	1.9	U	ug/kg	1.9	1.8	U	ug/kg	1.8
Toxaphene	190	U	ug/kg	190	180	U	ug/kg	180
Aroclor-1016	37	U	ug/kg	37	36	U	ug/kg	36
Aroclor-1221	76	U	ug/kg	76	73	U	ug/kg	73
Aroclor-1232	37	U	ug/kg	37	36	U	ug/kg	36
Aroclor-1242	37	U	ug/kg	37	36	U	ug/kg	36
Aroclor-1248	37	U	ug/kg	37	36	U	ug/kg	36
Aroclor-1254	37	U	ug/kg	37	36	U	ug/kg	36
Aroclor-1260	37	U	ug/kg	37	36	U	ug/kg	36

U = NOT DETECTED J = ESTIMATED VALUE
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R = RESULT IS REJECTED AND UNUSABLE

08/01/93 WHITING FIELD ANALYTICAL RESULT REPORT 17:14:00
SOIL BORING -- PESTICIDES/PCBS - VALIDATED RESULTS

Lab Sample Number:		34848K15				34848015				34956003				34956003		
Site		WHITING				WHITING				WHITING				WHITING		
Locator		32SBRB4				32SBRB4				32SBRB2				32SBRB2		
Collect Date:		12-JAN-93				12-JAN-93				21-JAN-93				21-JAN-93		
	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL
CLP PESTICIDES/PCBS 90-SOW																
alpha-BHC	-				.05	UJ	ug/l	.05	.05	UJ	ug/l	.05	-			
beta-BHC	-				.05	UJ	ug/l	.05	.05	UJ	ug/l	.05	-			
delta-BHC	-				.05	UJ	ug/l	.05	.05	UJ	ug/l	.05	-			
gamma-BHC (Lindane)	-				.05	UJ	ug/l	.05	.05	UJ	ug/l	.05	-			
Heptachlor	-				.05	UJ	ug/l	.05	.05	UJ	ug/l	.05	-			
Aldrin	-				.05	UJ	ug/l	.05	.05	UJ	ug/l	.05	-			
Heptachlor epoxide	-				.05	UJ	ug/l	.05	.05	UJ	ug/l	.05	-			
Endosulfan I	-				.05	UJ	ug/l	.05	.05	UJ	ug/l	.05	-			
Dieldrin	-				.1	UJ	ug/l	.1	.1	UJ	ug/l	.1	-			
4,4-DDE	-				.1	UJ	ug/l	.1	.1	UJ	ug/l	.1	-			
Endrin	-				.1	UJ	ug/l	.1	.1	UJ	ug/l	.1	-			
Endosulfan II	-				.1	UJ	ug/l	.1	.1	UJ	ug/l	.1	-			
4,4-DDD	-				.1	UJ	ug/l	.1	.1	UJ	ug/l	.1	-			
Endosulfan sulfate	-				.1	UJ	ug/l	.1	.1	UJ	ug/l	.1	-			
4,4-DDT	-				.1	UJ	ug/l	.1	.1	UJ	ug/l	.1	-			
Methoxychlor	-				.5	UJ	ug/l	.5	.5	UJ	ug/l	.5	-			
Endrin ketone	-				.1	UJ	ug/l	.1	.1	UJ	ug/l	.1	-			
Endrin aldehyde	-				.1	UJ	ug/l	.1	.1	UJ	ug/l	.1	-			
alpha-Chlordane	-				.05	UJ	ug/l	.05	.05	UJ	ug/l	.05	-			
gamma-Chlordane	-				.05	UJ	ug/l	.05	.05	UJ	ug/l	.05	-			
Toxaphene	-				5	UJ	ug/l	5	5	UJ	ug/l	5	-			
Aroclor-1016	-				1	UJ	ug/l	1	1	UJ	ug/l	1	-			
Aroclor-1221	-				2	UJ	ug/l	2	2	UJ	ug/l	2	-			
Aroclor-1232	-				1	UJ	ug/l	1	1	UJ	ug/l	1	-			
Aroclor-1242	-				1	UJ	ug/l	1	1	UJ	ug/l	1	-			
Aroclor-1248	-				1	UJ	ug/l	1	1	UJ	ug/l	1	-			
Aroclor-1254	-				1	UJ	ug/l	1	1	UJ	ug/l	1	-			
Aroclor-1260	-				1	UJ	ug/l	1	1	UJ	ug/l	1	-			

U = NOT DETECTED J = ESTIMATED VALUE
UJ = REPORTED QUANTITATION LIMIT IS QUALIFIED AS ESTIMATED
R = RESULT IS REJECTED AND UNUSABLE

08/01/93 WHITING FIELD ANALYTICAL RESULT REPORT 17:04:17
SOIL BORING -- PESTICIDES/PCBS - VALIDATED RESULTS

Lab Sample Number:	34836005			34836005			34836009			34836009		
Site	WHITING			WHITING			WHITING			WHITING		
Locator	32SB1-1-2			32SB1-1-2			32SB1-10-12			32SB1-10-12		
Collect Date:	09-JAN-93			09-JAN-93			09-JAN-93			09-JAN-93		
	VALUE	QUAL	UNITS DL	VALUE	QUAL	UNITS DL	VALUE	QUAL	UNITS DL	VALUE	QUAL	UNITS DL
CLP PESTICIDES/PCBS 90-SOW												
alpha-BHC	-			2	UJ	ug/kg 2	-			2	UJ	ug/kg 2
beta-BHC	-			2	UJ	ug/kg 2	-			2	UJ	ug/kg 2
delta-BHC	-			2	UJ	ug/kg 2	-			2	UJ	ug/kg 2
gamma-BHC (Lindane)	-			2	UJ	ug/kg 2	-			2	UJ	ug/kg 2
Heptachlor	-			2	UJ	ug/kg 2	-			2	UJ	ug/kg 2
Aldrin	-			2	UJ	ug/kg 2	-			2	UJ	ug/kg 2
Heptachlor epoxide	-			2	UJ	ug/kg 2	-			2	UJ	ug/kg 2
Endosulfan I	-			2	UJ	ug/kg 2	-			2	UJ	ug/kg 2
Dieldrin	-			3.9	UJ	ug/kg 3.9	-			3.8	UJ	ug/kg 3.8
4,4-DDE	-			3.9	UJ	ug/kg 3.9	-			3.8	UJ	ug/kg 3.8
Endrin	-			3.9	UJ	ug/kg 3.9	-			3.8	UJ	ug/kg 3.8
Endosulfan II	-			3.9	UJ	ug/kg 3.9	-			3.8	UJ	ug/kg 3.8
4,4-DDD	-			3.9	UJ	ug/kg 3.9	-			3.8	UJ	ug/kg 3.8
Endosulfan sulfate	-			3.9	UJ	ug/kg 3.9	-			3.8	UJ	ug/kg 3.8
4,4-DDT	-			3.9	UJ	ug/kg 3.9	-			3.8	UJ	ug/kg 3.8
Methoxychlor	-			20	UJ	ug/kg 20	-			20	UJ	ug/kg 20
Endrin ketone	-			3.9	UJ	ug/kg 3.9	-			3.8	UJ	ug/kg 3.8
Endrin aldehyde	-			3.9	UJ	ug/kg 3.9	-			3.8	UJ	ug/kg 3.8
alpha-Chlordane	-			2	UJ	ug/kg 2	-			2	UJ	ug/kg 2
gamma-Chlordane	-			2	UJ	ug/kg 2	-			2	UJ	ug/kg 2
Toxaphene	-			200	UJ	ug/kg 200	-			200	UJ	ug/kg 200
Aroclor-1016	-			39	UJ	ug/kg 39	-			38	UJ	ug/kg 38
Aroclor-1221	-			79	UJ	ug/kg 79	-			78	UJ	ug/kg 78
Aroclor-1232	-			39	UJ	ug/kg 39	-			38	UJ	ug/kg 38
Aroclor-1242	-			39	UJ	ug/kg 39	-			38	UJ	ug/kg 38
Aroclor-1248	-			39	UJ	ug/kg 39	-			38	UJ	ug/kg 38
Aroclor-1254	-			39	UJ	ug/kg 39	-			38	UJ	ug/kg 38
Aroclor-1260	-			39	UJ	ug/kg 39	-			38	UJ	ug/kg 38

U = NOT DETECTED J = ESTIMATED VALUE
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R = RESULT IS REJECTED AND UNUSABLE

1D

PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

32SB1-15-17

Lab Name: CH2M HILL/LRD Contract: ABB_ENV

Lab Code: CH2M Case No.: 34837 SAS No.: SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 34837001

Sample wt/vol: 30.0 (g/mL) G Lab File ID:

% Moisture: 13 decanted: (Y/N) N Date Received: 01/11/93

Extraction: (SepF/Cont/Sonc) SONC Date Extracted: 01/12/93

Concentrated Extract Volume: 5000 (uL) Date Analyzed: 02/04/93

Injection Volume: 1.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) Y pH: 6.2 Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
319-84-6	alpha-BHC	2.0	U
319-85-7	beta-BHC	2.0	U
319-86-8	delta-BHC	2.0	U
58-89-9	gamma-BHC (Lindane)	2.0	U
76-44-8	Heptachlor	2.0	U
309-00-2	Aldrin	2.0	U
1024-57-3	Heptachlor epoxide	2.0	U
959-98-8	Endosulfan I	2.0	U
60-57-1	Dieldrin	3.8	U
72-55-9	4,4'-DDE	3.8	U
72-20-8	Endrin	3.8	U
33213-65-9	Endosulfan II	3.8	U
72-54-8	4,4'-DDD	3.8	U
1031-07-8	Endosulfan sulfate	3.8	U
50-29-3	4,4'-DDT	3.8	U
72-43-5	Methoxychlor	20	U
53494-70-5	Endrin ketone	3.8	U
7421-36-3	Endrin aldehyde	3.8	U
5103-71-9	alpha-Chlordane	2.0	U
5103-74-2	gamma-Chlordane	2.0	U
8001-35-2	Toxaphene	200	U
12674-11-2	Aroclor-1016	38	U
11104-28-2	Aroclor-1221	77	U
11141-16-5	Aroclor-1232	38	U
53469-21-9	Aroclor-1242	38	U
12672-29-6	Aroclor-1248	38	U
11097-69-1	Aroclor-1254	38	U
11096-82-5	Aroclor-1260	38	U

1D

PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

32SB1-15-17A

Lab Name: CH2M HILL/LRD Contract: ABB_ENV

Lab Code: CH2M Case No.: 34837 SAS No.: SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 34837002

Sample wt/vol: 30.0 (g/mL) G Lab File ID:

% Moisture: 14 decanted: (Y/N) N Date Received: 01/11/93

Extraction: (SepF/Cont/Sonc) SONC Date Extracted: 01/12/93

Concentrated Extract Volume: 5000 (uL) Date Analyzed: 02/04/93

Injection Volume: 1.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) Y pH: 6.0 Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
319-84-6	alpha-BHC	2.0	U
319-85-7	beta-BHC	2.0	U
319-86-8	delta-BHC	2.0	U
58-89-9	gamma-BHC (Lindane)	2.0	U
76-44-8	Heptachlor	2.0	U
309-00-2	Aldrin	2.0	U
1024-57-3	Heptachlor epoxide	2.0	U
959-98-8	Endosulfan I	2.0	U
60-57-1	Dieldrin	3.8	U
72-55-9	4,4'-DDE	3.8	U
72-20-8	Endrin	3.8	U
33213-65-9	Endosulfan II	3.8	U
72-54-8	4,4'-DDD	3.8	U
1031-07-8	Endosulfan sulfate	3.8	U
50-29-3	4,4'-DDT	3.8	U
72-43-5	Methoxychlor	20	U
53494-70-5	Endrin ketone	3.8	U
7421-36-3	Endrin aldehyde	3.8	U
5103-71-9	alpha-Chlordane	2.0	U
5103-74-2	gamma-Chlordane	2.0	U
8001-35-2	Toxaphene	200	U
12674-11-2	Aroclor-1016	38	U
11104-28-2	Aroclor-1221	78	U
11141-16-5	Aroclor-1232	38	U
53469-21-9	Aroclor-1242	38	U
12672-29-6	Aroclor-1248	38	U
11097-69-1	Aroclor-1254	38	U
11096-82-5	Aroclor-1260	38	U

08/01/93 WHITING FIELD ANALYTICAL RESULT REPORT 17:04:17
SOIL BORING -- PESTICIDES/PCBS - VALIDATED RESULTS

Lab Sample Number:	34848016			34848016			34846009			34846009		
Site	WHITING			WHITING			WHITING			WHITING		
Locator	32SB1-20-22			32SB1-20-22			32SB1-25-27			32SB1-25-27		
Collect Date:	12-JAN-93			12-JAN-93			12-JAN-93			12-JAN-93		
	VALUE	QUAL UNITS	DL	VALUE	QUAL UNITS	DL	VALUE	QUAL UNITS	DL	VALUE	QUAL UNITS	DL
CLP PESTICIDES/PCBS 90-SOW												
alpha-BHC	-			1.8 U	ug/kg	1.8	1.9 UJ	ug/kg	1.9	-		
beta-BHC	-			1.8 U	ug/kg	1.8	1.9 UJ	ug/kg	1.9	-		
delta-BHC	-			1.8 U	ug/kg	1.8	1.9 UJ	ug/kg	1.9	-		
gamma-BHC (Lindane)	-			1.8 U	ug/kg	1.8	1.9 UJ	ug/kg	1.9	-		
Heptachlor	-			1.8 U	ug/kg	1.8	1.9 UJ	ug/kg	1.9	-		
Aldrin	-			1.8 U	ug/kg	1.8	1.9 UJ	ug/kg	1.9	-		
Heptachlor epoxide	-			1.8 U	ug/kg	1.8	1.9 UJ	ug/kg	1.9	-		
Endosulfan I	-			1.8 U	ug/kg	1.8	1.9 UJ	ug/kg	1.9	-		
Dieldrin	-			3.5 U	ug/kg	3.5	3.7 UJ	ug/kg	3.7	-		
4,4-DDE	-			3.5 U	ug/kg	3.5	3.7 UJ	ug/kg	3.7	-		
Endrin	-			3.5 U	ug/kg	3.5	3.7 UJ	ug/kg	3.7	-		
Endosulfan II	-			3.5 U	ug/kg	3.5	3.7 UJ	ug/kg	3.7	-		
4,4-DDD	-			3.5 U	ug/kg	3.5	3.7 UJ	ug/kg	3.7	-		
Endosulfan sulfate	-			3.5 U	ug/kg	3.5	3.7 UJ	ug/kg	3.7	-		
4,4-DDT	-			3.5 U	ug/kg	3.5	3.7 UJ	ug/kg	3.7	-		
Methoxychlor	-			18 U	ug/kg	18	19 UJ	ug/kg	19	-		
Endrin ketone	-			3.5 U	ug/kg	3.5	3.7 UJ	ug/kg	3.7	-		
Endrin aldehyde	-			3.5 U	ug/kg	3.5	3.7 UJ	ug/kg	3.7	-		
alpha-Chlordane	-			1.8 U	ug/kg	1.8	1.9 UJ	ug/kg	1.9	-		
gamma-Chlordane	-			1.8 U	ug/kg	1.8	1.9 UJ	ug/kg	1.9	-		
Toxaphene	-			180 U	ug/kg	180	190 UJ	ug/kg	190	-		
Aroclor-1016	-			35 U	ug/kg	35	37 UJ	ug/kg	37	-		
Aroclor-1221	-			71 U	ug/kg	71	74 UJ	ug/kg	74	-		
Aroclor-1232	-			35 U	ug/kg	35	37 UJ	ug/kg	37	-		
Aroclor-1242	-			35 U	ug/kg	35	37 UJ	ug/kg	37	-		
Aroclor-1248	-			35 U	ug/kg	35	37 UJ	ug/kg	37	-		
Aroclor-1254	-			35 U	ug/kg	35	37 UJ	ug/kg	37	-		
Aroclor-1260	-			35 U	ug/kg	35	37 UJ	ug/kg	37	-		

U = NOT DETECTED J = ESTIMATED VALUE
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08/01/93 WHITING FIELD ANALYTICAL RESULT REPORT 16:49:41
SOIL BORING -- METALS/CYANIDE - VALIDATED RESULTS

Lab Sample Number:	34846009			34846009			34848017			34848017		
Site	WHITING			WHITING			WHITING			WHITING		
Locator	32SB1-25-27			32SB1-25-27			32SB1-35-37			32SB1-35-37		
Collect Date:	12-JAN-93			12-JAN-93			12-JAN-93			12-JAN-93		
	VALUE QUAL	UNITS	DL	VALUE QUAL	UNITS	DL	VALUE QUAL	UNITS	DL	VALUE QUAL	UNITS	DL
CLP METALS AND CYANIDE												
Aluminum	-			-			379	mg/kg	40	-		
Antimony	-			-			2.6 U	mg/kg	12	-		
Arsenic	-			-			.15 U	mg/kg	2	-		
Barium	-			-			.06 J	mg/kg	40	-		
Beryllium	-			-			.11 UJ	mg/kg	1	-		
Cadmium	-			-			.25 U	mg/kg	1	-		
Calcium	-			-			82.6 J	mg/kg	1000	-		
Chromium	-			-			1.1 J	mg/kg	2	-		
Cobalt	-			-			1.2 U	mg/kg	10	-		
Copper	-			-			.8 J	mg/kg	5	-		
Iron	-			-			176	mg/kg	20	-		
Lead	-			-			.42 J	mg/kg	.6	-		
Magnesium	-			-			13.1 J	mg/kg	1000	-		
Manganese	-			-			1.8 J	mg/kg	3	-		
Mercury	-			-			.04 J	mg/kg	.1	-		
Nickel	-			-			1.6 U	mg/kg	8	-		
Potassium	-			-			54.2 J	mg/kg	1000	-		
Selenium	-			-			.11 U	mg/kg	1	-		
Silver	-			-			.44 U	mg/kg	2	-		
Sodium	-			-			166 J	mg/kg	1000	-		
Thallium	-			-			.15 U	mg/kg	2	-		
Vanadium	-			-			.56 J	mg/kg	10	-		
Zinc	-			-			2 J	mg/kg	4	-		
Cyanide	-			-			.16 U	mg/kg	.5	-		

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08/01/93 WHITING FIELD ANALYTICAL RESULT REPORT 16:49:41
SOIL BORING -- METALS/CYANIDE - VALIDATED RESULTS

Lab Sample Number:	34848018				34848018				34846010				34846010			
Site	WHITING				WHITING				WHITING				WHITING			
Locator	32SB1-35-37A				32SB1-35-37A				32SB1-50-52				32SB1-50-52			
Collect Date:	12-JAN-93				12-JAN-93				12-JAN-93				12-JAN-93			
	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL
CLP METALS AND CYANIDE																
Aluminum	6.9	J	mg/kg	40	-				215		mg/kg	40	-			
Antimony	2.6	U	mg/kg	12	-				2.6	U	mg/kg	12	-			
Arsenic	.15	U	mg/kg	2	-				.15	U	mg/kg	2	-			
Barium	.02	U	mg/kg	40	-				.12	J	mg/kg	40	-			
Beryllium	.11	UJ	mg/kg	1	-				.11	U	mg/kg	1	-			
Cadmium	.4	J	mg/kg	1	-				.25	U	mg/kg	1	-			
Calcium	21.9	U	mg/kg	1000	-				63	J	mg/kg	1000	-			
Chromium	.79	U	mg/kg	2	-				.79	U	mg/kg	2	-			
Cobalt	1.2	U	mg/kg	10	-				1.2	U	mg/kg	10	-			
Copper	.19	U	mg/kg	5	-				.79	J	mg/kg	5	-			
Iron	.49	U	mg/kg	20	-				29.8		mg/kg	20	-			
Lead	.43	J	mg/kg	.6	-				.13	J	mg/kg	.6	-			
Magnesium	20	J	mg/kg	1000	-				14.7	J	mg/kg	1000	-			
Manganese	.17	UJ	mg/kg	3	-				.56	J	mg/kg	3	-			
Mercury	.06	J	mg/kg	.1	-				.03	J	mg/kg	.1	-			
Nickel	1.6	U	mg/kg	8	-				1.6	U	mg/kg	8	-			
Potassium	75.7	J	mg/kg	1000	-				63.8	J	mg/kg	1000	-			
Selenium	.11	U	mg/kg	1	-				.11	U	mg/kg	1	-			
Silver	.45	U	mg/kg	2	-				.45	U	mg/kg	2	-			
Sodium	2.6	U	mg/kg	1000	-				140	J	mg/kg	1000	-			
Thallium	.15	U	mg/kg	2	-				.15	U	mg/kg	2	-			
Vanadium	.5	J	mg/kg	10	-				.4	U	mg/kg	10	-			
Zinc	.47	U	mg/kg	4	-				2.9	J	mg/kg	4	-			
Cyanide	.16	U	mg/kg	.5	-				.16	U	mg/kg	.5	-			

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08/01/93 WHITING FIELD ANALYTICAL RESULT REPORT 16:51:16
SOIL BORING -- METALS/CYANIDE - VALIDATED RESULTS

Lab Sample Number:	34836010				34836010				34846006				34846006			
Site	WHITING				WHITING				WHITING				WHITING			
Locator	32SB2-0-2				32SB2-0-2				32SB2-5-7				32SB2-5-7			
Collect Date:	09-JAN-93				09-JAN-93				12-JAN-93				12-JAN-93			
	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL
CLP METALS AND CYANIDE																
Aluminum	21900		mg/kg	40	-				14500		mg/kg	40	-			
Antimony	6	J	mg/kg	12	-				2.7	U	mg/kg	12	-			
Arsenic	.48	U	mg/kg	2	-				.81	J	mg/kg	2	-			
Barium	10.6	J	mg/kg	40	-				13.1	J	mg/kg	40	-			
Beryllium	.12	J	mg/kg	1	-				.11	U	mg/kg	1	-			
Cadmium	.89	U	mg/kg	1	-				.27	U	mg/kg	1	-			
Calcium	611	J	mg/kg	1000	-				308	J	mg/kg	1000	-			
Chromium	18		mg/kg	2	-				10		mg/kg	2	-			
Cobalt	1.8	J	mg/kg	10	-				1.3	U	mg/kg	10	-			
Copper	3	J	mg/kg	5	-				4	J	mg/kg	5	-			
Iron	13200		mg/kg	20	-				8950		mg/kg	20	-			
Lead	3.9		mg/kg	.6	-				3.3		mg/kg	.6	-			
Magnesium	130	J	mg/kg	1000	-				119	J	mg/kg	1000	-			
Manganese	32.9		mg/kg	3	-				39.3		mg/kg	3	-			
Mercury	.03	J	mg/kg	.1	-				.04		mg/kg	.1	-			
Nickel	4	J	mg/kg	8	-				2	J	mg/kg	8	-			
Potassium	273	J	mg/kg	1000	-				165	J	mg/kg	1000	-			
Selenium	.79	U	mg/kg	1	-				.11	J	mg/kg	1	-			
Silver	1.2	J	mg/kg	2	-				.47	U	mg/kg	2	-			
Sodium	13	J	mg/kg	1000	-				181	J	mg/kg	1000	-			
Thallium	.5	U	mg/kg	2	-				.16	U	mg/kg	2	-			
Vanadium	36.8		mg/kg	10	-				20.4		mg/kg	10	-			
Zinc	3.5	J	mg/kg	4	-				7.5	J	mg/kg	4	-			
Cyanide	.47	J	mg/kg	.5	-				.17	U	mg/kg	.5	-			

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UJ = REPORTED QUANTITATION LIMIT IS QUALIFIED AS ESTIMATED
R = RESULT IS REJECTED AND UNUSABLE

08/01/93 WHITING FIELD ANALYTICAL RESULT REPORT 16:51:16
SOIL BORING -- METALS/CYANIDE - VALIDATED RESULTS

Lab Sample Number:	34846008				34846008			
Site	WHITING				WHITING			
Locator	32SB2-12-14				32SB2-12-14			
Collect Date:	12-JAN-93				12-JAN-93			
	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL
CLP METALS AND CYANIDE								
Aluminum	3920		mg/kg	40	-			
Antimony	2.8	U	mg/kg	12	-			
Arsenic	1	J	mg/kg	2	-			
Barium	6.2	J	mg/kg	40	-			
Beryllium	.12	U	mg/kg	1	-			
Cadmium	.28	U	mg/kg	1	-			
Calcium	204	J	mg/kg	1000	-			
Chromium	10.2		mg/kg	2	-			
Cobalt	1.3	U	mg/kg	10	-			
Copper	2.1	J	mg/kg	5	-			
Iron	4960		mg/kg	20	-			
Lead	3		mg/kg	.6	-			
Magnesium	52.1	J	mg/kg	1000	-			
Manganese	14.4		mg/kg	3	-			
Mercury	.04		mg/kg	.1	-			
Nickel	1.8	U	mg/kg	8	-			
Potassium	130	J	mg/kg	1000	-			
Selenium	.12	U	mg/kg	1	-			
Silver	.49	U	mg/kg	2	-			
Sodium	234	J	mg/kg	1000	-			
Thallium	.16	U	mg/kg	2	-			
Vanadium	15.2		mg/kg	10	-			
Zinc	4.1	J	mg/kg	4	-			
Cyanide	.17	U	mg/kg	.5	-			

U = NOT DETECTED J = ESTIMATED VALUE
UJ - PORTED QUANTITATION LIMIT IS QUALIFIED AS ESTIMATED
R LT IS REJECTED AND UNUSABLE

08/01/93 WHITING FIELD ANALYTICAL RESULT REPORT 16:52:06
SOIL BORING -- METALS/CYANIDE - VALIDATED RESULTS

Lab Sample Number:	34846002				34846002				34846003				34846003			
Site	WHITING				WHITING				WHITING				WHITING			
Locator	32SB3-0-2				32SB3-0-2				32SB3-0-2A				32SB3-0-2A			
Collect Date:	12-JAN-93				12-JAN-93				12-JAN-93				12-JAN-93			
	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL
CLP METALS AND CYANIDE																
Aluminum	5740		mg/kg	40	-				9280		mg/kg	40	-			
Antimony	2.6	U	mg/kg	12	-				2.6	U	mg/kg	12	-			
Arsenic	.91	J	mg/kg	2	-				.71	J	mg/kg	2	-			
Barium	7.6	J	mg/kg	40	-				9.9	J	mg/kg	40	-			
Beryllium	.11	U	mg/kg	1	-				.11	U	mg/kg	1	-			
Cadmium	.26	U	mg/kg	1	-				2.6	U	mg/kg	1	-			
Calcium	493	J	mg/kg	1000	-				931	J	mg/kg	1000	-			
Chromium	4.9		mg/kg	2	-				7.1		mg/kg	2	-			
Cobalt	1.3	U	mg/kg	10	-				1.3	U	mg/kg	10	-			
Copper	3.1	J	mg/kg	5	-				5.7		mg/kg	5	-			
Iron	4160		mg/kg	20	-				5250		mg/kg	20	-			
Lead	3		mg/kg	.6	-				2.6		mg/kg	.6	-			
Magnesium	44.4	J	mg/kg	1000	-				84.4	J	mg/kg	1000	-			
Manganese	91.5		mg/kg	3	-				95		mg/kg	3	-			
Mercury	.03		mg/kg	.1	-				.04		mg/kg	.1	-			
Nickel	1.7	U	mg/kg	8	-				1.7	U	mg/kg	8	-			
Potassium	180	J	mg/kg	1000	-				210	J	mg/kg	1000	-			
Selenium	.22	J	mg/kg	1	-				.11	U	mg/kg	1	-			
Silver	.45	U	mg/kg	2	-				.45	U	mg/kg	2	-			
Sodium	172	J	mg/kg	1000	-				159	J	mg/kg	1000	-			
Thallium	.15	U	mg/kg	2	-				.15	U	mg/kg	2	-			
Vanadium	9.8	J	mg/kg	10	-				13.2		mg/kg	10	-			
Zinc	3.5	J	mg/kg	4	-				4.9	J	mg/kg	4	-			
Cyanide	.16	U	mg/kg	.5	-				.16	U	mg/kg	.5	-			

U = NOT DETECTED J = ESTIMATED VALUE
UJ = REPORTED QUANTITATION LIMIT IS QUALIFIED AS ESTIMATED
R = RESULT IS REJECTED AND UNUSABLE

08/01/93 WHITING FIELD ANALYTICAL RESULT REPORT 16:52:06
SOIL BORING -- METALS/CYANIDE - VALIDATED RESULTS

Lab Sample Number:	34846001				34846001				34846004				34846004			
Site	WHITING				WHITING				WHITING				WHITING			
Locator	32SB3-5-7				32SB3-5-7				32SB3-10-12				32SB3-10-12			
Collect Date:	12-JAN-93				12-JAN-93				12-JAN-93				12-JAN-93			
	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL
CLP METALS AND CYANIDE																
Aluminum	10800		mg/kg	40	-				6070		mg/kg	40	-			
Antimony	2.6	U	mg/kg	12	-				2.8	U	mg/kg	12	-			
Arsenic	1.1	J	mg/kg	2	-				1.3	J	mg/kg	2	-			
Barium	13.7	J	mg/kg	40	-				6.5	J	mg/kg	40	-			
Beryllium	.11	U	mg/kg	1	-				.12	U	mg/kg	1	-			
Cadmium	.26	U	mg/kg	1	-				.28	U	mg/kg	1	-			
Calcium	155	J	mg/kg	1000	-				132	J	mg/kg	1000	-			
Chromium	8.9		mg/kg	2	-				5.5		mg/kg	2	-			
Cobalt	1.5	J	mg/kg	10	-				1.4	U	mg/kg	10	-			
Copper	4.3	J	mg/kg	5	-				4.2	J	mg/kg	5	-			
Iron	6130		mg/kg	20	-				3950		mg/kg	20	-			
Lead	3.8		mg/kg	.6	-				3.8		mg/kg	.6	-			
Magnesium	117	J	mg/kg	1000	-				81.5	J	mg/kg	1000	-			
Manganese	21.2		mg/kg	3	-				6.2		mg/kg	3	-			
Mercury	.03		mg/kg	.1	-				.03		mg/kg	.1	-			
Nickel	2.3	J	mg/kg	8	-				2.3	J	mg/kg	8	-			
Potassium	541	J	mg/kg	1000	-				672	J	mg/kg	1000	-			
Selenium	.11	U	mg/kg	1	-				.12	U	mg/kg	1	-			
Silver	.46	U	mg/kg	2	-				.49	U	mg/kg	2	-			
Sodium	196	J	mg/kg	1000	-				214	J	mg/kg	1000	-			
Thallium	.15	U	mg/kg	2	-				.16	U	mg/kg	2	-			
Vanadium	15.5		mg/kg	10	-				15.8		mg/kg	10	-			
Zinc	5.6		mg/kg	4	-				2.9	J	mg/kg	4	-			
Cyanide	.16	U	mg/kg	.5	-				.18	U	mg/kg	.5	-			

U = NOT DETECTED J = ESTIMATED VALUE
UJ PORTED QUANTITATION LIMIT IS QUALIFIED AS ESTIMATED
R ILT IS REJECTED AND UNUSABLE

08/01/93 WHITING FIELD ANALYTICAL RESULT REPORT 16:52:06
SOIL BORING -- METALS/CYANIDE - VALIDATED RESULTS

	Lab Sample Number:	34846005				34846005				34848001				34848001			
	Site	WHITING				WHITING				WHITING				WHITING			
	Locator	32SB3-20-22				32SB3-20-22				32SB3-30-32				32SB3-30-32			
	Collect Date:	12-JAN-93				12-JAN-93				12-JAN-93				12-JAN-93			
		VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL
CLP METALS AND CYANIDE																	
Aluminum		1940		mg/kg	40	-				640		mg/kg	40	-			
Antimony		2.7	U	mg/kg	12	-				2.6	U	mg/kg	12	-			
Arsenic		.18	J	mg/kg	2	-				.15	U	mg/kg	2	-			
Barium		3.6	J	mg/kg	40	-				1.2	J	mg/kg	40	-			
Beryllium		.11	U	mg/kg	1	-				.11	UJ	mg/kg	1	-			
Cadmium		.27	U	mg/kg	1	-				.26		mg/kg	1	-			
Calcium		77.8	J	mg/kg	1000	-				133	J	mg/kg	1000	-			
Chromium		2.7		mg/kg	2	-				.94	J	mg/kg	2	-			
Cobalt		1.3	U	mg/kg	10	-				1.2	U	mg/kg	10	-			
Copper		1.3	J	mg/kg	5	-				7.8		mg/kg	5	-			
Iron		647		mg/kg	20	-				88.8		mg/kg	20	-			
Lead		1.1		mg/kg	.6	-				.32	J	mg/kg	.6	-			
Magnesium		42.7	J	mg/kg	1000	-				24.5	J	mg/kg	1000	-			
Manganese		3.5		mg/kg	3	-				.87	J	mg/kg	3	-			
Mercury		.03	J	mg/kg	.1	-				.03	J	mg/kg	.1	-			
Nickel		1.7	U	mg/kg	8	-				1.7	J	mg/kg	8	-			
Potassium		144	J	mg/kg	1000	-				41	U	mg/kg	1000	-			
Selenium		.11	U	mg/kg	1	-				.11	U	mg/kg	1	-			
Silver		.48	U	mg/kg	2	-				.45	U	mg/kg	2	-			
Sodium		196	J	mg/kg	1000	-				173	J	mg/kg	1000	-			
Thallium		.16	U	mg/kg	2	-				.15	U	mg/kg	2	-			
Vanadium		6.6	J	mg/kg	10	-				.6	J	mg/kg	10	-			
Zinc		2.6	J	mg/kg	4	-				2.7	J	mg/kg	4	-			
Cyanide		.17	U	mg/kg	.5	-				.16	U	mg/kg	.5	-			

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08/01/93 WHITING FIELD ANALYTICAL RESULT REPORT 16:53:19
SOIL BORING -- METALS/CYANIDE - VALIDATED RESULTS

Lab Sample Number:	34848008				34848008				34848009				34848009			
Site	WHITING				WHITING				WHITING				WHITING			
Locator	32SB4-0-2				32SB4-0-2				32SB4-15-17				32SB4-15-17			
Collect Date:	12-JAN-93				12-JAN-93				12-JAN-93				12-JAN-93			
	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL
CLP METALS AND CYANIDE																
Aluminum	6580		mg/kg	40	-				8900		mg/kg	40	-			
Antimony	2.6	U	mg/kg	12	-				2.9	U	mg/kg	12	-			
Arsenic	.71	J	mg/kg	2	-				2.1	J	mg/kg	2	-			
Barium	10.1	J	mg/kg	40	-				7	J	mg/kg	40	-			
Beryllium	.11	UJ	mg/kg	1	-				.12	UJ	mg/kg	1	-			
Cadmium	.26	U	mg/kg	1	-				.28	U	mg/kg	1	-			
Calcium	293	J	mg/kg	1000	-				151	J	mg/kg	1000	-			
Chromium	5.6		mg/kg	2	-				24.6		mg/kg	2	-			
Cobalt	1.2	U	mg/kg	10	-				1.4	U	mg/kg	10	-			
Copper	3.3	J	mg/kg	5	-				5.3	J	mg/kg	5	-			
Iron	3970		mg/kg	20	-				13300		mg/kg	20	-			
Lead	2.5		mg/kg	.6	-				2.8		mg/kg	.6	-			
Magnesium	114	J	mg/kg	1000	-				74.6	J	mg/kg	1000	-			
Manganese	11.2		mg/kg	3	-				8.9		mg/kg	3	-			
Mercury	.04	J	mg/kg	.1	-				.04	J	mg/kg	.1	-			
Nickel	4	J	mg/kg	8	-				1.8	U	mg/kg	8	-			
Potassium	161	J	mg/kg	1000	-				76.5	J	mg/kg	1000	-			
Selenium	.11	U	mg/kg	1	-				.12	J	mg/kg	1	-			
Silver	.45	U	mg/kg	2	-				.5	U	mg/kg	2	-			
Sodium	175	J	mg/kg	1000	-				209	J	mg/kg	1000	-			
Thallium	.15	U	mg/kg	2	-				.17	U	mg/kg	2	-			
Vanadium	9.7	J	mg/kg	10	-				50.5		mg/kg	10	-			
Zinc	5.1		mg/kg	4	-				5.9	J	mg/kg	4	-			
Cyanide	.16	U	mg/kg	.5	-				.18	U	mg/kg	.5	-			

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R = .T IS REJECTED AND UNUSABLE

08/01/93 WHITING FIELD ANALYTICAL RESULT REPORT 16:53:19
SOIL BORING -- METALS/CYANIDE - VALIDATED RESULTS

Lab Sample Number:	34848010				34848010				34848011				34848011			
Site	WHITING				WHITING				WHITING				WHITING			
Locator	32SB4-20-22				32SB4-20-22				32SB4-20-22A				32SB4-20-22A			
Collect Date:	12-JAN-93				12-JAN-93				12-JAN-93				12-JAN-93			
	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL
CLP METALS AND CYANIDE																
Aluminum	951		mg/kg	40	-				1100		mg/kg	40	-			
Antimony	2.8	U	mg/kg	12	-				2.7	U	mg/kg	12	-			
Arsenic	.16	U	mg/kg	2	-				.18	J	mg/kg	2	-			
Barium	2.5	J	mg/kg	40	-				2.8	J	mg/kg	40	-			
Beryllium	.11	UJ	mg/kg	1	-				.11	UJ	mg/kg	1	-			
Cadmium	.27	U	mg/kg	1	-				.27	U	mg/kg	1	-			
Calcium	98	J	mg/kg	1000	-				95.6	J	mg/kg	1000	-			
Chromium	1.7	J	mg/kg	2	-				1.6	J	mg/kg	2	-			
Cobalt	1.3	U	mg/kg	10	-				1.3	U	mg/kg	10	-			
Copper	1.1	J	mg/kg	5	-				1.4	J	mg/kg	5	-			
Iron	1230		mg/kg	20	-				1190		mg/kg	20	-			
Lead	1.2		mg/kg	.6	-				1.2		mg/kg	.6	-			
Magnesium	31	J	mg/kg	1000	-				31	J	mg/kg	1000	-			
Manganese	2.3	J	mg/kg	3	-				2.1	J	mg/kg	3	-			
Mercury	.06	U	mg/kg	.1	-				.06	U	mg/kg	.1	-			
Nickel	1.8	U	mg/kg	8	-				1.7	U	mg/kg	8	-			
Potassium	116	J	mg/kg	1000	-				69.4	J	mg/kg	1000	-			
Selenium	.11	U	mg/kg	1	-				.11	U	mg/kg	1	-			
Silver	.48	U	mg/kg	2	-				.48	U	mg/kg	2	-			
Sodium	162	J	mg/kg	1000	-				183	J	mg/kg	1000	-			
Thallium	.16	U	mg/kg	2	-				.16	U	mg/kg	2	-			
Vanadium	8.4	J	mg/kg	10	-				7.8	J	mg/kg	10	-			
Zinc	1.9	J	mg/kg	4	-				2.5	J	mg/kg	4	-			
Cyanide	.17	U	mg/kg	.5	-				.17	U	mg/kg	.5	-			

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R = RESULT IS REJECTED AND UNUSABLE

08/01/93 WHITING FIELD ANALYTICAL RESULT REPORT 16:53:19
SOIL BORING -- METALS/CYANIDE - VALIDATED RESULTS

	Lab Sample Number:	34848012				34848012				34848013				34848013			
	Site	WHITING				WHITING				WHITING				WHITING			
	Locator	32SB4-25-27				32SB4-25-27				32SB4-35-37				32SB4-35-37			
	Collect Date:	12-JAN-93				12-JAN-93				12-JAN-93				12-JAN-93			
		VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL
CLP METALS AND CYANIDE																	
Aluminum		751		mg/kg	40	-				458		mg/kg	40	-			
Antimony		2.7	U	mg/kg	12	-				2.6	U	mg/kg	12	-			
Arsenic		.16	U	mg/kg	2	-				.15	U	mg/kg	2	-			
Barium		2.1	J	mg/kg	40	-				1.1	J	mg/kg	40	-			
Beryllium		.11	UJ	mg/kg	1	-				.11	UJ	mg/kg	1	-			
Cadmium		.27	U	mg/kg	1	-				.25	U	mg/kg	1	-			
Calcium		96.5	J	mg/kg	1000	-				105	J	mg/kg	1000	-			
Chromium		.83	U	mg/kg	2	-				.92	J	mg/kg	2	-			
Cobalt		1.3	U	mg/kg	10	-				1.2	U	mg/kg	10	-			
Copper		1.4	J	mg/kg	5	-				.97	J	mg/kg	5	-			
Iron		324		mg/kg	20	-				75.7		mg/kg	20	-			
Lead		.7		mg/kg	.6	-				.25	J	mg/kg	.6	-			
Magnesium		28.6	J	mg/kg	1000	-				14.7	J	mg/kg	1000	-			
Manganese		.18	UJ	mg/kg	3	-				.21	J	mg/kg	3	-			
Mercury		.04	J	mg/kg	.1	-				.03	J	mg/kg	.1	-			
Nickel		1.7	U	mg/kg	8	-				2.2	J	mg/kg	8	-			
Potassium		59.4	J	mg/kg	1000	-				43.4	J	mg/kg	1000	-			
Selenium		.11	U	mg/kg	1	-				.11	U	mg/kg	1	-			
Silver		.47	U	mg/kg	2	-				.44	U	mg/kg	2	-			
Sodium		199	J	mg/kg	1000	-				174	J	mg/kg	1000	-			
Thallium		.16	U	mg/kg	2	-				.15	U	mg/kg	2	-			
Vanadium		2.3	J	mg/kg	10	-				.4	U	mg/kg	10	-			
Zinc		1.8	J	mg/kg	4	-				1.9	J	mg/kg	4	-			
Cyanide		.17	U	mg/kg	.5	-				.16	U	mg/kg	.5	-			

U = NOT DETECTED J = ESTIMATED VALUE
UJ = [illegible]PORTED QUANTITATION LIMIT IS QUALIFIED AS ESTIMATED
R = [illegible]T IS REJECTED AND UNUSABLE

08/01/93 WHITING FIELD ANALYTICAL RESULT REPORT 16:53:19
SOIL BORING -- METALS/CYANIDE - VALIDATED RESULTS

Lab Sample Number:	34848014				34848014			
Site	WHITING				WHITING			
Locator	32SB4-45-47				32SB4-45-47			
Collect Date:	12-JAN-93				12-JAN-93			
	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL
CLP METALS AND CYANIDE								
Aluminum	156		mg/kg	40	-			
Antimony	2.6	U	mg/kg	12	-			
Arsenic	.15	U	mg/kg	2	-			
Barium	.06	J	mg/kg	40	-			
Beryllium	.11	UJ	mg/kg	1	-			
Cadmium	.26	U	mg/kg	1	-			
Calcium	91.1	J	mg/kg	1000	-			
Chromium	.79	U	mg/kg	2	-			
Cobalt	1.2	U	mg/kg	10	-			
Copper	.8	J	mg/kg	5	-			
Iron	44.6	J	mg/kg	20	-			
Lead	.19	J	mg/kg	.6	-			
Magnesium	10.4	J	mg/kg	1000	-			
Manganese	.17	UJ	mg/kg	3	-			
Mercury	.05	J	mg/kg	.1	-			
Nickel	1.8	J	mg/kg	8	-			
Potassium	54.3	J	mg/kg	1000	-			
Selenium	.11	U	mg/kg	1	-			
Silver	.45	U	mg/kg	2	-			
Sodium	157	J	mg/kg	1000	-			
Thallium	.15	U	mg/kg	2	-			
Vanadium	.4	U	mg/kg	10	-			
Zinc	3.7	J	mg/kg	4	-			
Cyanide	.16	U	mg/kg	.5	-			

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08/01/93 WHITING FIELD ANALYTICAL RESULT REPORT 16:54:42
SOIL BORING -- METALS/CYANIDE - VALIDATED RESULTS

Lab Sample Number:	34925008				34925009				34925011				34925010			
Site	WHITING				WHITING				WHITING				WHITING			
Locator	32SB5-1-2				32SB5-5-7				32SB5-10-12				32SB5-20-22			
Collect Date:	19-JAN-93				19-JAN-93				19-JAN-93				19-JAN-93			
	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL
CLP METALS AND CYANIDE																
Aluminum	21600		mg/kg	40	33200		mg/kg	40	6650		mg/kg	40	4920		mg/kg	40
Antimony	5.5	U	mg/kg	12	5.7	U	mg/kg	12	5.7	U	mg/kg	12	5.8	U	mg/kg	12
Arsenic	2.3	J	mg/kg	2	2.1	J	mg/kg	2	1.8	J	mg/kg	2	1.6	J	mg/kg	2
Barium	15.9	J	mg/kg	40	16.5	J	mg/kg	40	6.3	J	mg/kg	40	6.4	J	mg/kg	40
Beryllium	.22	J	mg/kg	1	.21	J	mg/kg	1	.08	J	mg/kg	1	.06	U	mg/kg	1
Cadmium	.88	U	mg/kg	1	.92	U	mg/kg	1	.91	U	mg/kg	1	.92	U	mg/kg	1
Calcium	339	J	mg/kg	1000	251	J	mg/kg	1000	355	J	mg/kg	1000	24.5	J	mg/kg	
Chromium	16.1		mg/kg	2	26.3		mg/kg	2	7.4		mg/kg	2	5.4		mg/kg	
Cobalt	.75	J	mg/kg	10	.52	U	mg/kg	10	.52	U	mg/kg	10	.53	U	mg/kg	10
Copper	5.1	J	mg/kg	5	7.2		mg/kg	5	2.1	J	mg/kg	5	.98	J	mg/kg	5
Iron	10800		mg/kg	20	16000		mg/kg	20	5440		mg/kg	20	1420		mg/kg	20
Lead	3.1		mg/kg	1	3		mg/kg	1	2.1	J	mg/kg	1	1.7		mg/kg	1
Magnesium	207	J	mg/kg	1000	243	J	mg/kg	1000	54.2	J	mg/kg	1000	53.4	J	mg/kg	1000
Manganese	95.5		mg/kg	3	53.5		mg/kg	3	27.1		mg/kg	3	4.6		mg/kg	3
Mercury	.02	J	mg/kg	.1	.02	J	mg/kg	.1	.02	U	mg/kg	.1	.02	U	mg/kg	.1
Nickel	2.8	U	mg/kg	8	4.4	J	mg/kg	8	2.9	U	mg/kg	8	2.9	U	mg/kg	8
Potassium	119	J	mg/kg	1000	146	J	mg/kg	1000	223	J	mg/kg	1000	145	J	mg/kg	1000
Selenium	3.7		mg/kg	1	.97	J	mg/kg	1	.53	J	mg/kg	1	.59	J	mg/kg	1
Silver	.54	U	mg/kg	2	.56	U	mg/kg	2	.56	U	mg/kg	2	.57	U	mg/kg	2
Sodium	14	J	mg/kg	1000	23.5	J	mg/kg	1000	18	J	mg/kg	1000	20.4	J	mg/kg	1000
Thallium	.56	U	mg/kg	2	.59	U	mg/kg	2	.59	U	mg/kg	2	.59	U	mg/kg	2
Vanadium	29.3		mg/kg	10	43.1		mg/kg	10	25.4		mg/kg	10	11.6	J	mg/kg	10
Zinc	6.8		mg/kg	4	9.1		mg/kg	4	1.9	J	mg/kg	4	1.1	J	mg/kg	4
Cyanide	.48	J	mg/kg	1	.56	J	mg/kg	1	.56	J	mg/kg	1	.58	J	mg/kg	1

U = NOT DETECTED J = ESTIMATED VALUE
UJ = ...PORTED QUANTITATION LIMIT IS QUALIFIED AS ESTIMATED
R = ...LT IS REJECTED AND UNUSABLE

08/01/93 WHITING FIELD ANALYTICAL RESULT REPORT 16:54:42
SOIL BORING -- METALS/CYANIDE - VALIDATED RESULTS

	Lab Sample Number:	34925012			34925013			34938007			34938008		
	Site	WHITING			WHITING			WHITING			WHITING		
	Locator	32SB5-45-47			32SB5-45-47A			32SB5-61-63			32SB5-95-97		
	Collect Date:	19-JAN-93			19-JAN-93			20-JAN-93			20-JAN-93		
		VALUE QUAL	UNITS	DL	VALUE QUAL	UNITS	DL	VALUE QUAL	UNITS	DL	VALUE QUAL	UNITS	DL
CLP METALS AND CYANIDE													
Aluminum	1500	mg/kg	40	838	mg/kg	40	343	mg/kg	40	789	mg/kg	40	
Antimony	5.3 U	mg/kg	12	5.3 U	mg/kg	12	5.3 U	mg/kg	12	5.5 U	mg/kg	12	
Arsenic	1.1 J	mg/kg	2	1.4 J	mg/kg	2	.4 J	mg/kg	2	.37 J	mg/kg	2	
Barium	1.3 J	mg/kg	40	1.6 J	mg/kg	40	.14 J	mg/kg	40	1.9 J	mg/kg	40	
Beryllium	.06 U	mg/kg	1	.06 U	mg/kg	1	.06 U	mg/kg	1	.06 U	mg/kg	1	
Cadmium	.86 U	mg/kg	1	.85 U	mg/kg	1	.84 U	mg/kg	1	.89 U	mg/kg	1	
Calcium	7.1 U	mg/kg	1000	7.1 U	mg/kg	1000	32 J	mg/kg	1000	8.2 J	mg/kg	1000	
Chromium	1.4 J	mg/kg	2	1 J	mg/kg	2	2.3	mg/kg	2	2 J	mg/kg	2	
Cobalt	.49 U	mg/kg	10	.49 U	mg/kg	10	.51 J	mg/kg	10	.88 J	mg/kg	10	
Copper	.36 U	mg/kg	5	.58 J	mg/kg	5	.53 J	mg/kg	5	1.3 J	mg/kg	5	
Iron	79.7	mg/kg	20	79.1	mg/kg	20	190	mg/kg	20	98.2	mg/kg	20	
Lead	.42 J	mg/kg	1	.7	mg/kg	1	.2 J	mg/kg	1	1.2 J	mg/kg	1	
Magnesium	7.7 U	mg/kg	1000	7.9 J	mg/kg	1000	8.7 J	mg/kg	1000	16.6 J	mg/kg	1000	
Manganese	1.3 J	mg/kg	3	.92 J	mg/kg	3	1.1 J	mg/kg	3	1.1 J	mg/kg	3	
Mercury	.02 U	mg/kg	.1	.02 U	mg/kg	.1	.02 U	mg/kg	.1	.02 U	mg/kg	.1	
Nickel	2.7 U	mg/kg	8	2.7 U	mg/kg	8	2.7 U	mg/kg	8	2.8 U	mg/kg	8	
Potassium	111 U	mg/kg	1000	111 U	mg/kg	1000	109 U	mg/kg	1000	115 U	mg/kg	1000	
Selenium	.46 U	mg/kg	1	.52 J	mg/kg	1	.45 U	mg/kg	1	.99 J	mg/kg	1	
Silver	.52 U	mg/kg	2	.52 U	mg/kg	2	.52 U	mg/kg	2	.77 J	mg/kg	2	
Sodium	14.9 J	mg/kg	1000	12 U	mg/kg	1000	11.9 U	mg/kg	1000	12.5 U	mg/kg	1000	
Thallium	.55 U	mg/kg	2	.55 U	mg/kg	2	.54 U	mg/kg	2	.57 U	mg/kg	2	
Vanadium	.95 J	mg/kg	10	.95 J	mg/kg	10	.9 J	mg/kg	10	1.4 J	mg/kg	10	
Zinc	.91 J	mg/kg	4	1.3 J	mg/kg	4	3.4 J	mg/kg	4	.44 J	mg/kg	4	
Cyanide	.51 J	mg/kg	1	.51 J	mg/kg	1	.4 J	mg/kg	1	.45 J	mg/kg	1	

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08/01/93 WHITING FIELD ANALYTICAL RESULT REPORT 16:55:36
SOIL BORING -- METALS/CYANIDE - VALIDATED RESULTS

Lab Sample Number:	34847001				34846016				34846016				34847002					
Site	WHITING				WHITING				WHITING				WHITING					
Locator	32SB6-5-7				32SB6-0-2				32SB6-0-2				32SB6-5-7A					
Collect Date:	11-JAN-93				12-JAN-93				12-JAN-93				11-JAN-93					
	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL		
CLP METALS AND CYANIDE																		
Aluminum	10200		mg/kg	40	6980		mg/kg	40	-				13900		mg/kg	40		
Antimony	2.7	U	mg/kg	12	2.7	U	mg/kg	12	-				2.7	U	mg/kg	12		
Arsenic	1.8	J	mg/kg	2	.46	J	mg/kg	2	-				1.7	J	mg/kg	2		
Barium	12.7	J	mg/kg	40	10.1	J	mg/kg	40	-				16.7	J	mg/kg	40		
Beryllium	.11	U	mg/kg	1	.11	U	mg/kg	1	-				.11	U	mg/kg	1		
Cadmium	.27	U	mg/kg	1	.26	U	mg/kg	1	-				.27	U	mg/kg	1		
Calcium	335	J	mg/kg	1000	497	J	mg/kg	1000	-				502	J	mg/kg	1000		
Chromium	11.2		mg/kg	2	8.4		mg/kg	2	-				12.9		mg/kg	2		
Cobalt	1.3	U	mg/kg	10	1.4	J	mg/kg	10	-				1.3	U	mg/kg	10		
Copper	5.2	J	mg/kg	5	3.9	J	mg/kg	5	-				7.8		mg/kg	5		
Iron	9470		mg/kg	20	3350		mg/kg	20	-				9630		mg/kg	20		
Lead	3.7		mg/kg	1	9.8		mg/kg	.6	-				3.3		mg/kg	1		
Magnesium	125	J	mg/kg	1000	131	J	mg/kg	1000	-				264	J	mg/kg	1000		
Manganese	20		mg/kg	3	61.4		mg/kg	3	-				29.5		mg/kg	3		
Mercury	.03	UJ	mg/kg	.1	.04		mg/kg	.1	-				.03	UJ	mg/kg	.1		
Nickel	1.9	J	mg/kg	8	2.5	J	mg/kg	8	-				2.2	J	mg/kg	8		
Potassium	315	J	mg/kg	1000	203	J	mg/kg	1000	-				382	J	mg/kg	1000		
Selenium	.29	UJ	mg/kg	1	.11	U	mg/kg	1	-				.21	UJ	mg/kg	1		
Silver	.47	U	mg/kg	2	.46	U	mg/kg	2	-				.47	U	mg/kg	2		
Sodium	197	J	mg/kg	1000	193	J	mg/kg	1000	-				180	J	mg/kg	1000		
Thallium	.16	U	mg/kg	2	.15	U	mg/kg	2	-				.16	U	mg/kg	2		
Vanadium	23.2		mg/kg	10	8.8	J	mg/kg	10	-				24.3		mg/kg	10		
Zinc	7	UJ	mg/kg	4	8.5		mg/kg	4	-				11.8		mg/kg	4		
Cyanide	.17	U	mg/kg	1	.16	U	mg/kg	.5	-				.17	U	mg/kg	1		

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08/01/93 WHITING FIELD ANALYTICAL RESULT REPORT 16:55:36
SOIL BORING -- METALS/CYANIDE - VALIDATED RESULTS

Lab Sample Number:	34847D01			34846014			34846014			34846015				
Site	WHITING			WHITING			WHITING			WHITING				
Locator	32SB6-5-7MSD			32SB6-10-12			32SB6-10-12			32SB6-20-22				
Collect Date:	11-JAN-93			12-JAN-93			12-JAN-93			12-JAN-93				
	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL
CLP METALS AND CYANIDE																
Aluminum	-				26100		mg/kg	40	-				245		mg/kg	40
Antimony	-				2.9	U	mg/kg	12	-				2.6	U	mg/kg	12
Arsenic	-				3.3		mg/kg	2	-				.15	U	mg/kg	2
Barium	-				14.7	J	mg/kg	40	-				.12	J	mg/kg	40
Beryllium	-				.12	U	mg/kg	1	-				.11	U	mg/kg	1
Cadmium	-				.44	J	mg/kg	1	-				.25	U	mg/kg	1
Calcium	-				138	J	mg/kg	1000	-				62.7	J	mg/kg	1000
Chromium	-				24		mg/kg	2	-				.78	U	mg/kg	2
Cobalt	-				1.4	U	mg/kg	10	-				1.2	U	mg/kg	10
Copper	-				8.4		mg/kg	5	-				.75	J	mg/kg	5
Iron	-				12100		mg/kg	20	-				82		mg/kg	20
Lead	-				3.4		mg/kg	.6	-				.23	J	mg/kg	.6
Magnesium	-				234	J	mg/kg	1000	-				19.9	J	mg/kg	1000
Manganese	-				10.7		mg/kg	3	-				.51	J	mg/kg	3
Mercury	-				.04		mg/kg	.1	-				.03		mg/kg	.1
Nickel	-				2.8	J	mg/kg	8	-				1.6	U	mg/kg	8
Potassium	-				474	J	mg/kg	1000	-				70.1	J	mg/kg	1000
Selenium	-				.23	J	mg/kg	1	-				.11	U	mg/kg	1
Silver	-				.5	U	mg/kg	2	-				.44	U	mg/kg	2
Sodium	-				235	J	mg/kg	1000	-				155	J	mg/kg	1000
Thallium	-				.17	U	mg/kg	2	-				.15	U	mg/kg	2
Vanadium	-				42.4		mg/kg	10	-				.59	J	mg/kg	10
Zinc	-				8.5		mg/kg	4	-				1.8	J	mg/kg	4
Cyanide	-				.18	U	mg/kg	.5	-				.16	U	mg/kg	.5

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08/01/93 WHITING FIELD ANALYTICAL RESULT REPORT 16:55:36
SOIL BORING -- METALS/CYANIDE - VALIDATED RESULTS

Lab Sample Number:	34846015			34846013			34846013			34846011		
Site	WHITING			WHITING			WHITING			WHITING		
Locator	32SB6-20-22			32SB6-30-32			32SB6-30-32			32SB6-45-47		
Collect Date:	12-JAN-93			12-JAN-93			12-JAN-93			12-JAN-93		
	VALUE QUAL	UNITS	DL	VALUE QUAL	UNITS	DL	VALUE QUAL	UNITS	DL	VALUE QUAL	UNITS	DL
CLP METALS AND CYANIDE												
Aluminum	-			429	mg/kg	40	-			369	mg/kg	40
Antimony	-			2.5 U	mg/kg	12	-			2.7 U	mg/kg	12
Arsenic	-			.15 U	mg/kg	2	-			.2 J	mg/kg	2
Barium	-			.12 J	mg/kg	40	-			1.1 J	mg/kg	40
Beryllium	-			.11 U	mg/kg	1	-			.11 U	mg/kg	1
Cadmium	-			.25 U	mg/kg	1	-			.27 U	mg/kg	1
Calcium	-			57.2 J	mg/kg	1000	-			83.9 J	mg/kg	1000
Chromium	-			1.3 J	mg/kg	2	-			1.5 J	mg/kg	2
Cobalt	-			1.2 U	mg/kg	10	-			1.3 U	mg/kg	10
Copper	-			.79 J	mg/kg	5	-			1.2 J	mg/kg	5
Iron	-			64.8	mg/kg	20	-			102	mg/kg	20
Lead	-			.19 J	mg/kg	.6	-			.61 J	mg/kg	.6
Magnesium	-			12.6 J	mg/kg	1000	-			21.3 J	mg/kg	1000
Manganese	-			.82 J	mg/kg	3	-			2.4 J	mg/kg	3
Mercury	-			.03	mg/kg	.1	-			.03 J	mg/kg	.1
Nickel	-			1.6 U	mg/kg	8	-			1.7 U	mg/kg	8
Potassium	-			81.7 J	mg/kg	1000	-			84.5 J	mg/kg	1000
Selenium	-			.11 U	mg/kg	1	-			.11 U	mg/kg	1
Silver	-			.44 U	mg/kg	2	-			.48 U	mg/kg	2
Sodium	-			164 J	mg/kg	1000	-			205 J	mg/kg	1000
Thallium	-			.15 U	mg/kg	2	-			.16 U	mg/kg	2
Vanadium	-			.4 U	mg/kg	10	-			1.4 J	mg/kg	10
Zinc	-			1.5 J	mg/kg	4	-			3.4 J	mg/kg	4
Cyanide	-			.16 U	mg/kg	.5	-			.17 U	mg/kg	.5

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R [illegible]T IS REJECTED AND UNUSABLE

08/01/93 WHITING FIELD ANALYTICAL RESULT REPORT 16:55:36
SOIL BORING -- METALS/CYANIDE - VALIDATED RESULTS

Lab Sample Number:	34846011				34846012				34846012			
Site	WHITING				WHITING				WHITING			
Locator	32SB6-45-47				32SB6-45-47A				32SB6-45-47A			
Collect Date:	12-JAN-93				12-JAN-93				12-JAN-93			
	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL
CLP METALS AND CYANIDE												
Aluminum	-				419		mg/kg	40	-			
Antimony	-				2.6	U	mg/kg	12	-			
Arsenic	-				.15	U	mg/kg	2	-			
Barium	-				.13	J	mg/kg	40	-			
Beryllium	-				.11	U	mg/kg	1	-			
Cadmium	-				.26	U	mg/kg	1	-			
Calcium	-				76.4	J	mg/kg	1000	-			
Chromium	-				.88	J	mg/kg	2	-			
Cobalt	-				1.3	U	mg/kg	10	-			
Copper	-				.77	J	mg/kg	5	-			
Iron	-				114		mg/kg	20	-			
Lead	-				.37	J	mg/kg	.6	-			
Magnesium	-				18.8	J	mg/kg	1000	-			
Manganese	-				3.5		mg/kg	3	-			
Mercury	-				.03	J	mg/kg	.1	-			
Nickel	-				1.7	U	mg/kg	8	-			
Potassium	-				74	J	mg/kg	1000	-			
Selenium	-				.11	U	mg/kg	1	-			
Silver	-				.46	U	mg/kg	2	-			
Sodium	-				179	J	mg/kg	1000	-			
Thallium	-				.15	U	mg/kg	2	-			
Vanadium	-				1.5	J	mg/kg	10	-			
Zinc	-				3	J	mg/kg	4	-			
Cyanide	-				.16	U	mg/kg	.5	-			

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08/01/93 WHITING FIELD ANALYTICAL RESULT REPORT 16:57:26
SOIL BORING -- METALS/CYANIDE - VALIDATED RESULTS

Lab Sample Number:	34938004				34938005				34938005DL				34938006			
Site	WHITING				WHITING				WHITING				WHITING			
Locator	32SB7-0-2				32SB7-5-7				32SB7-5-7DL				32SB7-15-17			
Collect Date:	20-JAN-93				20-JAN-93				20-JAN-93				20-JAN-93			
	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL
CLP METALS AND CYANIDE																
Aluminum	9970		mg/kg	40	14700		mg/kg	40	-				2780		mg/kg	40
Antimony	5.3	U	mg/kg	12	5.6	U	mg/kg	12	-				5.8	U	mg/kg	12
Arsenic	2.8		mg/kg	2	2.7		mg/kg	2	-				1.8	J	mg/kg	2
Barium	11.1	J	mg/kg	40	18.7	J	mg/kg	40	-				4.4	J	mg/kg	40
Beryllium	.09	J	mg/kg	1	.11	J	mg/kg	1	-				.07	J	mg/kg	1
Cadmium	.85	U	mg/kg	1	.9	U	mg/kg	1	-				.93	U	mg/kg	1
Calcium	277	J	mg/kg	1000	168	J	mg/kg	1000	-				11.6	J	mg/kg	1000
Chromium	9.3		mg/kg	2	14.7		mg/kg	2	-				2.9		mg/kg	2
Cobalt	1.5	J	mg/kg	10	2.5	J	mg/kg	10	-				.99	J	mg/kg	10
Copper	4.7	J	mg/kg	5	3.6	J	mg/kg	5	-				.85	J	mg/kg	5
Iron	5100		mg/kg	20	7250		mg/kg	20	-				1600		mg/kg	20
Lead	30.7		mg/kg	1	3.5		mg/kg	1	-				2.1	J	mg/kg	1
Magnesium	147	J	mg/kg	1000	284	J	mg/kg	1000	-				43.5	J	mg/kg	1000
Manganese	71		mg/kg	3	48.1		mg/kg	3	-				2.3	J	mg/kg	3
Mercury	.02	U	mg/kg	.1	.02	U	mg/kg	.1	-				.02	U	mg/kg	.1
Nickel	2.8	J	mg/kg	8	4.7	J	mg/kg	8	-				2.9	U	mg/kg	8
Potassium	257	J	mg/kg	1000	331	J	mg/kg	1000	-				191	J	mg/kg	1000
Selenium	.46	U	mg/kg	1	1.4		mg/kg	1	-				.5	U	mg/kg	1
Silver	.52	U	mg/kg	2	.7	J	mg/kg	2	-				.57	U	mg/kg	2
Sodium	21.3	J	mg/kg	1000	24.1	J	mg/kg	1000	-				30	J	mg/kg	1000
Thallium	.54	U	mg/kg	2	.58	U	mg/kg	2	-				.59	U	mg/kg	2
Vanadium	13.7		mg/kg	10	19.2		mg/kg	10	-				9.3	J	mg/kg	10
Zinc	10.6		mg/kg	4	6.4		mg/kg	4	-				.6	J	mg/kg	4
Cyanide	.46	J	mg/kg	1	.52	J	mg/kg	1	-				.49	J	mg/kg	1

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R [illegible].T IS REJECTED AND UNUSABLE

08/01/93 WHITING FIELD ANALYTICAL RESULT REPORT 16:57:26
SOIL BORING -- METALS/CYANIDE - VALIDATED RESULTS

Lab Sample Number:	349380060L				34956001				34956001				34956006TC			
Site	WHITING				WHITING				WHITING				WHITING			
Locator	32SB7-15-17DL				32SB7-30-32				32SB7-30-32				32SB7-30-32TCLP			
Collect Date:	20-JAN-93				21-JAN-93				21-JAN-93				21-JAN-93			
	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL
CLP METALS AND CYANIDE																
Aluminum	-				302		mg/kg	40	-				-			
Antimony	-				5.3	U	mg/kg	12	-				-			
Arsenic	-				.41	J	mg/kg	2	-				.02	U	mg/l	
Barium	-				.43	J	mg/kg	40	-				.1	J	mg/l	
Beryllium	-				.06	U	mg/kg	1	-				-			
Cadmium	-				.84	U	mg/kg	1	-				-	U	mg/l	
Calcium	-				7	U	mg/kg	1000	-				-			
Chromium	-				.87	J	mg/kg	2	-				-	U	mg/l	
Cobalt	-				.48	U	mg/kg	10	-				-			
Copper	-				.64	J	mg/kg	5	-				-			
Iron	-				77.4		mg/kg	20	-				-			
Lead	-				.45	J	mg/kg	1	-				.02	U	mg/l	
Magnesium	-				7.6	U	mg/kg	1000	-				-			
Manganese	-				.47	J	mg/kg	3	-				-			
Mercury	-				.02	U	mg/kg	.1	-				-	U	mg/l	
Nickel	-				2.7	U	mg/kg	8	-				-			
Potassium	-				110	U	mg/kg	1000	-				-			
Selenium	-				1.5		mg/kg	1	-				.02	U	mg/l	
Silver	-				.52	U	mg/kg	2	-				-	U	mg/l	
Sodium	-				11.9	U	mg/kg	1000	-				-			
Thallium	-				.54	U	mg/kg	2	-				-			
Vanadium	-				.69	J	mg/kg	10	-				-			
Zinc	-				.34	U	mg/kg	4	-				-			
Cyanide	-				.49	J	mg/kg	1	-				-			

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08/01/93 WHITING FIELD ANALYTICAL RESULT REPORT 16:58:24
SOIL BORING -- METALS/CYANIDE - VALIDATED RESULTS

Lab Sample Number:	34956005				34956004			
Site	WHITING				WHITING			
Locator	32SB8-13-15				32SB8-5-7			
Collect Date:	21-JAN-93				21-JAN-93			
	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL
CLP METALS AND CYANIDE								
Aluminum	1630		mg/kg	40	5470		mg/kg	40
Antimony	5.6	U	mg/kg	12	5.3	U	mg/kg	12
Arsenic	1.2	J	mg/kg	2	2.5		mg/kg	2
Barium	3.8	J	mg/kg	40	10.9	J	mg/kg	40
Beryllium	.06	U	mg/kg	1	.15	J	mg/kg	1
Cadmium	.9	U	mg/kg	1	.86	U	mg/kg	1
Calcium	18.8	J	mg/kg	1000	63	J	mg/kg	1000
Chromium	1.2	J	mg/kg	2	4.3		mg/kg	2
Cobalt	.51	U	mg/kg	10	.69	J	mg/kg	10
Copper	.64	J	mg/kg	5	1.6	J	mg/kg	5
Iron	448		mg/kg	20	3950		mg/kg	20
Lead	2.8		mg/kg	1	3.8		mg/kg	1
Magnesium	41.5	J	mg/kg	1000	67.2	J	mg/kg	1000
Manganese	3.5		mg/kg	3	18.1		mg/kg	3
Mercury	.02	J	mg/kg	.1	.02	U	mg/kg	.1
Nickel	2.8	U	mg/kg	8	2.7	U	mg/kg	8
Potassium	117	U	mg/kg	1000	111	U	mg/kg	1000
Selenium	.48	U	mg/kg	1	2.2		mg/kg	1
Silver	.55	U	mg/kg	2	.52	U	mg/kg	2
Sodium	12.7	U	mg/kg	1000	12.1	U	mg/kg	1000
Thallium	.58	U	mg/kg	2	.55	U	mg/kg	2
Vanadium	5.1	J	mg/kg	10	9.3	J	mg/kg	10
Zinc	.36	U	mg/kg	4	1.8	J	mg/kg	4
Cyanide	.46	J	mg/kg	1	.41	J	mg/kg	1

U = NOT DETECTED J = ESTIMATED VALUE
UJ = [illegible]ORTED QUANTITATION LIMIT IS QUALIFIED AS ESTIMATED
R [illegible]T IS REJECTED AND UNUSABLE

08/01/93 WHITING FIELD ANALYTICAL RESULT REPORT 17:03:13
SOIL BORING -- METALS/CYANIDE - VALIDATED RESULTS

Lab Sample Number:	34848K15				34848015				34956003				34956003			
Site	WHITING				WHITING				WHITING				WHITING			
Locator	32SBRB4				32SBRB4				32SBRB2				32SBRB2			
Collect Date:	12-JAN-93				12-JAN-93				21-JAN-93				21-JAN-93			
	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL
CLP METALS AND CYANIDE																
Aluminum	31	U	ug/l	200	-				-				33.7	U	ug/l	200
Antimony	12.1	U	ug/l	60	-				-				24.6	U	ug/l	60
Arsenic	.7	U	ug/l	10	-				-				1	U	ug/l	10
Barium	.1	U	ug/l	200	-				-				.48	U	ug/l	200
Beryllium	.5	U	ug/l	5	-				-				.27	U	ug/l	5
Cadmium	12	U	ug/l	5	-				-				4	U	ug/l	5
Calcium	118	J	ug/l	5000	-				-				32.8	U	ug/l	5000
Chromium	3.7	U	ug/l	10	-				-				2.4	U	ug/l	10
Cobalt	5.8	U	ug/l	50	-				-				2.3	U	ug/l	50
Copper	.9	U	ug/l	25	-				-				2	J	ug/l	25
Iron	55	J	ug/l	100	-				-				8	U	ug/l	100
Lead	.6	U	ug/l	3	-				-				.52	U	ug/l	5
Magnesium	14.3	U	ug/l	5000	-				-				35.6	U	ug/l	5000
Manganese	.97	J	ug/l	15	-				-				.56	U	ug/l	15
Mercury	.1	U	ug/l	.2	-				-				.08	U	ug/l	.2
Nickel	7.7	U	ug/l	40	-				-				12.5	U	ug/l	40
Potassium	191	U	ug/l	5000	-				-				513	U	ug/l	5000
Selenium	.51	J	ug/l	5	-				-				2.1	U	ug/l	5
Silver	2.1	U	ug/l	10	-				-				2.4	U	ug/l	10
Sodium	141	J	ug/l	5000	-				-				55.6	U	ug/l	5000
Thallium	.7	U	ug/l	10	-				-				2.5	U	ug/l	10
Vanadium	1.9	U	ug/l	50	-				-				2.2	U	ug/l	50
Zinc	7	J	ug/l	20	-				-				1.6	U	ug/l	20
Cyanide	3	U	ug/l	10	-				-				5.2	J	ug/l	10

U = NOT DETECTED J = ESTIMATED VALUE
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R = RESULT IS REJECTED AND UNUSABLE

08/01/93 WHITING FIELD ANALYTICAL RESULT REPORT 17:03:13
SOIL BORING -- METALS/CYANIDE - VALIDATED RESULTS

Lab Sample Number:	34926003			34956002			34846017			34846018		
Site	WHITING			WHITING			WHITING			WHITING		
Locator	32SBTB02			32SBTB4			32SBTB6			32SBTB7		
Collect Date:	19-JAN-93			21-JAN-93			12-JAN-93			12-JAN-93		
	VALUE	QUAL UNITS	DL	VALUE	QUAL UNITS	DL	VALUE	QUAL UNITS	DL	VALUE	QUAL UNITS	DL
CLP METALS AND CYANIDE												
Aluminum	-			-			-			-		
Antimony	-			-			-			-		
Arsenic	-			-			-			-		
Barium	-			-			-			-		
Beryllium	-			-			-			-		
Cadmium	-			-			-			-		
Calcium	-			-			-			-		
Chromium	-			-			-			-		
Cobalt	-			-			-			-		
Copper	-			-			-			-		
Iron	-			-			-			-		
Lead	-			-			-			-		
Magnesium	-			-			-			-		
Manganese	-			-			-			-		
Mercury	-			-			-			-		
Nickel	-			-			-			-		
Potassium	-			-			-			-		
Selenium	-			-			-			-		
Silver	-			-			-			-		
Sodium	-			-			-			-		
Thallium	-			-			-			-		
Vanadium	-			-			-			-		
Zinc	-			-			-			-		
Cyanide	-			-			-			-		

U = NOT DETECTED J = ESTIMATED VALUE
UJ = REPORTED QUANTITATION LIMIT IS QUALIFIED AS ESTIMATED
R = RESULT IS REJECTED AND UNUSABLE

08/01/93 WHITING FIELD ANALYTICAL RESULT REPORT 16:49:41
SOIL BORING -- METALS/CYANIDE - VALIDATED RESULTS

Lab Sample Number:	34836005				34836005				34836008				34836009			
Site	WHITING				WHITING				WHITING				WHITING			
Locator	32SB1-1-2				32SB1-1-2				32SB1-5-7				32SB1-10-12			
Collect Date:	09-JAN-93				09-JAN-93				09-JAN-93				09-JAN-93			
	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL
CLP METALS AND CYANIDE																
Aluminum	11000		mg/kg	40	-				2630		mg/kg	40	4450		mg/kg	40
Antimony	5.4	U	mg/kg	12	-				5.8	U	mg/kg	12	5.7	U	mg/kg	12
Arsenic	.76	J	mg/kg	2	-				.91	J	mg/kg	2	.5	U	mg/kg	2
Barium	11.1	J	mg/kg	40	-				5.5	J	mg/kg	40	6	J	mg/kg	40
Beryllium	.06	J	mg/kg	1	-				.06	U	mg/kg	1	.06	U	mg/kg	1
Cadmium	.87	U	mg/kg	1	-				.93	U	mg/kg	1	.92	U	mg/kg	1
Calcium	257	J	mg/kg	1000	-				42.6	J	mg/kg	1000	32	J	mg/kg	1000
Chromium	22.5		mg/kg	2	-				4.3		mg/kg	2	4.3		mg/kg	2
Cobalt	1.1	J	mg/kg	10	-				1	J	mg/kg	10	.53	J	mg/kg	10
Copper	1.6	J	mg/kg	5	-				.71	J	mg/kg	5	.98	J	mg/kg	5
Iron	9290		mg/kg	20	-				5520		mg/kg	20	7120		mg/kg	20
Lead	2.8		mg/kg	.6	-				3.1		mg/kg	.6	2		mg/kg	.6
Magnesium	81.7	J	mg/kg	1000	-				59	J	mg/kg	1000	60.9	J	mg/kg	1000
Manganese	37.4		mg/kg	3	-				8.2		mg/kg	3	6.7		mg/kg	3
Mercury	.03	J	mg/kg	.1	-				.03	J	mg/kg	.1	.02	J	mg/kg	.1
Nickel	3.9	J	mg/kg	8	-				2.9	U	mg/kg	8	2.9	U	mg/kg	8
Potassium	198	J	mg/kg	1000	-				281	J	mg/kg	1000	320	J	mg/kg	1000
Selenium	.77	U	mg/kg	1	-				1.2		mg/kg	1	.81	U	mg/kg	1
Silver	.69	J	mg/kg	2	-				.89	J	mg/kg	2	.96	J	mg/kg	2
Sodium	12.3	U	mg/kg	1000	-				75.6	J	mg/kg	1000	76.8	J	mg/kg	1000
Thallium	.49	U	mg/kg	2	-				.52	U	mg/kg	2	.51	U	mg/kg	2
Vanadium	25.3		mg/kg	10	-				18.7		mg/kg	10	28.3		mg/kg	10
Zinc	1.9	J	mg/kg	4	-				.52	J	mg/kg	4	3.7	U	mg/kg	4
Cyanide	.58	J	mg/kg	.5	-				.51	J	mg/kg	.5	.55	J	mg/kg	.5

U = NOT DETECTED J = ESTIMATED VALUE
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U.S. EPA - CLP

1

INORGANIC ANALYSES DATA SHEET

EPA SAMPLE NO. 32SB1-15-17

Lab Name: CH2M_HILL Contract: NAS_WHITIN

Lab Code: LGN Case No.: ABBES LRD No.: 34837 SDG No.: 01090

Matrix (soil/water): SOIL Lab Sample ID: 01090001

Level (low/med): LOW Date Received: 01/12/93

% Solids: 87.0

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	2410		E	P
7440-36-0	Antimony	5.7	U		P
7440-38-2	Arsenic	0.49	U	N	F
7440-39-3	Barium	5.6	B	E	P
7440-41-7	Beryllium	0.06	U		P
7440-43-9	Cadmium	0.91	U		P
7440-70-2	Calcium	28.6	B		P
7440-47-3	Chromium	4.6			P
7440-48-4	Cobalt	0.52	U		P
7440-50-8	Copper	0.49	B		P
7439-89-6	Iron	3540		*	P
7439-92-1	Lead	2.0			F
7439-95-4	Magnesium	52.0	B		P
7439-96-5	Manganese	4.3			P
7439-97-6	Mercury	0.02	B		CV
7440-02-0	Nickel	2.9	U		P
7440-09-7	Potassium	242	B		P
7782-49-2	Selenium	0.80	U	WN	F
7440-22-4	Silver	0.91	B		P
7440-23-5	Sodium	19.7	B		P
7440-28-0	Thallium	0.51	U	W	F
7440-62-2	Vanadium	15.6			P
7440-66-6	Zinc	0.42	B		P
	Cyanide	0.48	B		AS

Color Before: BROWN Clarity Before: Texture: MEDIUM

Color After: WHITE Clarity After: Artifacts:

Comments:
THE "N" QUALIFIER INDICATES PRESPIKE RECOVERY OUT OF CONTROL LIMITS. THE "*" DENOTES DUPLICATE ANALYSIS NOT WITHIN CONTROL LIMITS. THE "W" REFLECTS POSTSPIKE RECOVERY OUT OF CONTROL LIMITS. SEE CATIONS CASE NARRATIVE (ICP SERIAL DILUTION) FOR THE "E" QUALIFIER.

U.S. EPA - CLP

1

INORGANIC ANALYSES DATA SHEET

EPA SAMPLE NO.

32SB1-15-17A

Lab Name: CH2M_HILL Contract: NAS_WHITIN

Lab Code: LGN Case No.: ABBES LRD No.: 34837 SDG No.: 01090

Matrix (soil/water): SOIL Lab Sample ID: 01090002

Level (low/med): LOW Date Received: 01/12/93

% Solids: 87.0

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	3120		E	P
7440-36-0	Antimony	5.7	U		P
7440-38-2	Arsenic	0.49	U	N	F
7440-39-3	Barium	5.9	B	E	P
7440-41-7	Beryllium	0.06	U		P
7440-43-9	Cadmium	0.91	U		P
7440-70-2	Calcium	25.5	B		P
7440-47-3	Chromium	4.2			P
7440-48-4	Cobalt	0.75	B		P
7440-50-8	Copper	1.1	B		P
7439-89-6	Iron	1970		*	P
7439-92-1	Lead	2.1			F
7439-95-4	Magnesium	65.5	B		P
7439-96-5	Manganese	4.7			P
7439-97-6	Mercury	0.02	U		CV
7440-02-0	Nickel	2.9	U		P
7440-09-7	Potassium	412	B		P
7782-49-2	Selenium	0.80	U	N	F
7440-22-4	Silver	0.91	B		P
7440-23-5	Sodium	20.1	B		P
7440-28-0	Thallium	0.51	U	W	F
7440-62-2	Vanadium	12.5			P
7440-66-6	Zinc	0.80	B		P
	Cyanide	0.68	B		AS

Color Before: BROWN Clarity Before: Texture: MEDIUM

Color After: WHITE Clarity After: Artifacts:

Comments:

08/01/93 WHITING FIELD ANALYTICAL RESULT REPORT 16:49:41
SOIL BORING -- METALS/CYANIDE - VALIDATED RESULTS

Lab Sample Number:	34836009				34848016				34848016				34846009			
Site	WHITING				WHITING				WHITING				WHITING			
Locator	32SB1-10-12				32SB1-20-22				32SB1-20-22				32SB1-25-27			
Collect Date:	09-JAN-93				12-JAN-93				12-JAN-93				12-JAN-93			
	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL
CLP METALS AND CYANIDE																
Aluminum	-				277		mg/kg	40	-				376		mg/kg	40
Antimony	-				2.6	U	mg/kg	12	-				2.7	U	mg/kg	12
Arsenic	-				.15	U	mg/kg	2	-				.16	U	mg/kg	2
Barium	-				.47	J	mg/kg	40	-				1.1	J	mg/kg	40
Beryllium	-				.11	UJ	mg/kg	1	-				.11	U	mg/kg	1
Cadmium	-				.26	U	mg/kg	1	-				.27	U	mg/kg	1
Calcium	-				93.1	J	mg/kg	1000	-				77.9	J	mg/kg	1000
Chromium	-				.79	U	mg/kg	2	-				.91	J	mg/kg	2
Cobalt	-				1.5	U	mg/kg	10	-				1.3	U	mg/kg	10
Copper	-				.85	J	mg/kg	5	-				1.1	J	mg/kg	5
Iron	-				121		mg/kg	20	-				232		mg/kg	20
Lead	-				.6	J	mg/kg	.6	-				.38	J	mg/kg	.6
Magnesium	-				15.4	J	mg/kg	1000	-				24.6	J	mg/kg	1000
Manganese	-				.86	J	mg/kg	3	-				1.7	J	mg/kg	3
Mercury	-				.04	J	mg/kg	.1	-				.03	J	mg/kg	.1
Nickel	-				1.6	U	mg/kg	8	-				1.7	U	mg/kg	8
Potassium	-				41.9	J	mg/kg	1000	-				72.3	J	mg/kg	1000
Selenium	-				.11	U	mg/kg	1	-				.11	U	mg/kg	1
Silver	-				.45	U	mg/kg	2	-				.47	U	mg/kg	2
Sodium	-				160	J	mg/kg	1000	-				184	J	mg/kg	1000
Thallium	-				.15	U	mg/kg	2	-				.16	U	mg/kg	2
Vanadium	-				.53	J	mg/kg	10	-				1.4	J	mg/kg	10
Zinc	-				2.1	J	mg/kg	4	-				2.8	J	mg/kg	4
Cyanide	-				.16	U	mg/kg	.5	-				.17	U	mg/kg	.5

U = NOT DETECTED J = ESTIMATED VALUE
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R = RESULT IS REJECTED AND UNUSABLE

06/29/94 WHITING FIELD - SITE 32 - TPH 09:34:02
SOIL BORINGS

Lab Sample Number:	34836005			34836008			34836009			34848016		
Site	WHITING			WHITING			WHITING			WHITING		
Locator	32SB1-1-2			32SB1-5-7			32SB1-10-12			32SB1-20-22		
Collect Date:	09-JAN-93			09-JAN-93			09-JAN-93			12-JAN-93		
	VALUE	QUAL	UNITS	VALUE	QUAL	UNITS	VALUE	QUAL	UNITS	VALUE	QUAL	UNITS
TOTAL PETROLEUM HYDROCARBON												
Total petroleum hydrocarbon	1.8	U	mg/kg	1.9	U	mg/kg	2.1	U	mg/kg	1.7	U	mg/kg

06/29/94 WHITING FIELD - SITE 32 - TPH 09:34:02
SOIL BORINGS

Lab Sample Number:	34846009			34848017			34836010			34846006		
Site	WHITING			WHITING			WHITING			WHITING		
Locator	32SB1-25-27			32SB1-35-37			32SB2-0-2			32SB2-5-7		
Collect Date:	12-JAN-93			12-JAN-93			09-JAN-93			12-JAN-93		
	VALUE	QUAL	UNITS	VALUE	QUAL	UNITS	VALUE	QUAL	UNITS	VALUE	QUAL	UNITS
TOTAL PETROLEUM HYDROCARBON												
Total petroleum hydrocarbon	1.9	U	mg/kg	1.7	U	mg/kg	1.8	U	mg/kg	1.8	U	mg/kg

06/29/94 WHITING FIELD - SITE 32 - TPH 09:34:02
SOIL BORINGS

Lab Sample Number:	34846008			34846002			34846001			34846004		
Site	WHITING			WHITING			WHITING			WHITING		
Locator	32SB2-12-14			32SB3-0-2			32SB3-5-7			32SB3-10-12		
Collect Date:	12-JAN-93			12-JAN-93			12-JAN-93			12-JAN-93		
	VALUE	QUAL	UNITS	VALUE	QUAL	UNITS	VALUE	QUAL	UNITS	VALUE	QUAL	UNITS
TOTAL PETROLEUM HYDROCARBON												
Total petroleum hydrocarbon	1.9	U	mg/kg	401		mg/kg	13		mg/kg	63.2		mg/kg

06/29/94 WHITING FIELD - SITE 32 - TPH 09:34:02
SOIL BORINGS

Lab Sample Number:	34846005			34848001			34848008			34848009		
Site	WHITING			WHITING			WHITING			WHITING		
Locator	32SB3-20-22			32SB3-30-32			32SB4-0-2			32SB4-15-17		
Collect Date:	12-JAN-93			12-JAN-93			12-JAN-93			12-JAN-93		
	VALUE	QUAL	UNITS	VALUE	QUAL	UNITS	VALUE	QUAL	UNITS	VALUE	QUAL	UNITS
TOTAL PETROLEUM HYDROCARBON												
Total petroleum hydrocarbon	1.9	U	mg/kg	1.8	U	mg/kg	1.8	U	mg/kg	1.9	U	mg/kg

06/29/94 WHITING FIELD - SITE 32 - TPH 09:34:02
SOIL BORINGS

Lab Sample Number:	34848010			34848012			34848013			34848014		
Site	WHITING			WHITING			WHITING			WHITING		
Locator	32SB4-20-22			32SB4-25-27			32SB4-35-37			32SB4-45-47		
Collect Date:	12-JAN-93			12-JAN-93			12-JAN-93			12-JAN-93		
	VALUE	QUAL	UNITS	VALUE	QUAL	UNITS	VALUE	QUAL	UNITS	VALUE	QUAL	UNITS
TOTAL PETROLEUM HYDROCARBON												
Total petroleum hydrocarbon	1.8	U	mg/kg	1.8	U	mg/kg	2		mg/kg	1.7	U	mg/kg

06/29/94 WHITING FIELD - SITE 32 - TPH 09:34:02
SOIL BORINGS

Lab Sample Number:	34925008			34925009			34925011			34925010		
Site	WHITING			WHITING			WHITING			WHITING		
Locator	32SB5-1-2			32SB5-5-7			32SB5-10-12			32SB5-20-22		
Collect Date:	19-JAN-93			19-JAN-93			19-JAN-93			19-JAN-93		
	VALUE	QUAL	UNITS	VALUE	QUAL	UNITS	VALUE	QUAL	UNITS	VALUE	QUAL	UNITS
TOTAL PETROLEUM HYDROCARBON												
Total petroleum hydrocarbon	27.1		mg/kg	5.8		mg/kg	1.9	U	mg/kg	1.9	U	mg/kg

06/29/94 WHITING FIELD - SITE 32 - TPH 09:34:02
SOIL BORINGS

Lab Sample Number:	34925012			34938007			34938008			34846016		
Site	WHITING			WHITING			WHITING			WHITING		
Locator	32SB5-45-47			32SB5-61-63			32SB5-95-97			32SB6-0-2		
Collect Date:	19-JAN-93			20-JAN-93			20-JAN-93			12-JAN-93		
	VALUE	QUAL	UNITS	VALUE	QUAL	UNITS	VALUE	QUAL	UNITS	VALUE	QUAL	UNITS
TOTAL PETROLEUM HYDROCARBON												
Total petroleum hydrocarbon	1.8	U	mg/kg	1.7	U	mg/kg	1.8	U	mg/kg	12300		mg/kg

06/29/94 WHITING FIELD - SITE 32 - TPH 09:34:02
SOIL BORINGS

Lab Sample Number:		34847001			34846014			34846015			34846013	
Site		WHITING			WHITING			WHITING			WHITING	
Locator		32SB6-5-7			32SB6-10-12			32SB6-20-22			32SB6-30-32	
Collect Date:		11-JAN-93			12-JAN-93			12-JAN-93			12-JAN-93	
	VALUE	QUAL	UNITS	VALUE	QUAL	UNITS	VALUE	QUAL	UNITS	VALUE	QUAL	UNITS
TOTAL PETROLEUM HYDROCARBON												
Total petroleum hydrocarbon	104		mg/kg	62.5		mg/kg	1.7	U	mg/kg	1.7	U	mg/kg

06/29/94 WHITING FIELD - SITE 32 - TPH 09:34:02
SOIL BORINGS

Lab Sample Number:		34846011			34938004			34938005			34938006	
Site		WHITING			WHITING			WHITING			WHITING	
Locator		32SB6-45-47			32SB7-0-2			32SB7-5-7			32SB7-15-17	
Collect Date:		12-JAN-93			20-JAN-93			20-JAN-93			20-JAN-93	
	VALUE	QUAL	UNITS	VALUE	QUAL	UNITS	VALUE	QUAL	UNITS	VALUE	QUAL	UNITS
TOTAL PETROLEUM HYDROCARBON												
Total petroleum hydrocarbon	1.8	U	mg/kg	7180		mg/kg	2310		mg/kg	2580		mg/kg

06/29/94 WHITING FIELD - SITE 32 - TPH 09:34:02
SOIL BORINGS

Lab Sample Number:		34956001			34956004			34846010			34956005	
Site		WHITING			WHITING			WHITING			WHITING	
Locator		32SB7-30-32			32SB8-5-7			32SB1-50-52			32SB8-13-15	
Collect Date:		21-JAN-93			21-JAN-93			12-JAN-93			21-JAN-93	
	VALUE	QUAL	UNITS	VALUE	QUAL	UNITS	VALUE	QUAL	UNITS	VALUE	QUAL	UNITS
TOTAL PETROLEUM HYDROCARBON												
Total petroleum hydrocarbon	2650		mg/kg	1.8	U	mg/kg	1.7	U	mg/kg	1.9	U	mg/kg

06/29/94 WHITING FIELD SITE 32 - TPH 10:51:00
SOIL BORINGS

Lab Sample Number:	34848017			34848018			34846003			34848011		
Site	WHITING			WHITING			WHITING			WHITING		
Locator	32SB1-35-37			32SB1-35-37A			32SB3-0-2A			32SB4-20-22A		
Collect Date:	12-JAN-93			12-JAN-93			12-JAN-93			12-JAN-93		
	VALUE	QUAL	UNITS	VALUE	QUAL	UNITS	VALUE	QUAL	UNITS	VALUE	QUAL	UNITS
TOTAL PETROLEUM HYDROCARBON												
Total petroleum hydrocarbon	1.7	U	mg/kg	1.8	U	mg/kg	784		mg/kg	1.9	U	mg/kg

06/29/94 WHITING FIELD SITE 32 - TPH 10:51:00
SOIL BORINGS

Lab Sample Number:	34925013			34847001			34847002			34846012		
Site	WHITING			WHITING			WHITING			WHITING		
Locator	32SB5-45-47A			32SB6-5-7			32SB6-5-7A			32SB6-45-47A		
Collect Date:	19-JAN-93			11-JAN-93			11-JAN-93			12-JAN-93		
	VALUE	QUAL	UNITS	VALUE	QUAL	UNITS	VALUE	QUAL	UNITS	VALUE	QUAL	UNITS
TOTAL PETROLEUM HYDROCARBON												
Total petroleum hydrocarbon	1.8	U	mg/kg	104		mg/kg	315		mg/kg	1.8	U	mg/kg

FORM 1
ANALYSIS DATA SHEET
GENERAL CHEMISTRY LEVEL 2 & 3

Client Sample ID: 32SB1/15-17

Lab Name: CH2M HILL LABORATORIES

Lab Number(s): 23702

Matrix (soil/water): SOIL

Date Collected: 01/09/93

% Solids (if soil): 83.48

Date Received: 01/12/93

Lab Sample ID: 23702001

METHOD	ANALYTE	CONCENTRATION	CONC. UNITS	DATE ANALYZED
S3550/9071/ 418.1	TPH	<2.0	MG/KG	01/28/93

Comments:

FORM 1
ANALYSIS DATA SHEET
GENERAL CHEMISTRY LEVEL 2 & 3

Client Sample ID: 32SB1/15-17A

Lab Name: CH2M HILL LABORATORIES

Lab Number(s): 23702

Matrix (soil/water): SOIL

Date Collected: 01/09/93

% Solids (if soil): 88.34

Date Received: 01/12/93

Lab Sample ID: 23702002

METHOD	ANALYTE	CONCENTRATION	CONC. UNITS	DATE ANALYZED
S3550/9071/ 418.1	TPH	<1.9	MG/KG	01/28/93

Comments:

08/30/94 NAS Whiting Field Wash Rack Soil Boring Investigation 14:37:46
Full Scan: 10-12 Feet

Lab Sample Number:		94015012				94015016				94015020			
Site		WHITING				WHITING				WHITING			
Locator		WR-SB01(10-12)				WR-SB02(10-12)				WR-SB03(10-12)			
Collect Date:		30-JUL-93				30-JUL-93				30-JUL-93			
		VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL
CLP VOLATILES 90-SOW	ug/kg												
Chloromethane		1400	U	ug/kg	1400	1400	U	ug/kg	1400	1400	U	ug/kg	1400
Bromomethane		1400	U	ug/kg	1400	1400	U	ug/kg	1400	1400	U	ug/kg	1400
Vinyl chloride		1400	U	ug/kg	1400	1400	U	ug/kg	1400	1400	U	ug/kg	1400
Chloroethane		1400	U	ug/kg	1400	1400	U	ug/kg	1400	1400	U	ug/kg	1400
Methylene chloride		250	J	ug/kg	1400	160	J	ug/kg	1400	170	J	ug/kg	1400
Acetone		1000	J	ug/kg	1400	1500	J	ug/kg	1400	2100	J	ug/kg	1400
Carbon disulfide		1400	U	ug/kg	1400	1400	U	ug/kg	1400	1400	U	ug/kg	1400
1,1-Dichloroethene		1400	U	ug/kg	1400	1400	U	ug/kg	1400	1400	U	ug/kg	1400
1,1-Dichloroethane		1400	U	ug/kg	1400	1400	U	ug/kg	1400	1400	U	ug/kg	1400
1,2-Dichloroethene (total)		290	J	ug/kg	1400	1400	U	ug/kg	1400	1400	U	ug/kg	1400
Chloroform		1400	U	ug/kg	1400	1400	U	ug/kg	1400	1400	U	ug/kg	1400
1,2-Dichloroethane		1400	U	ug/kg	1400	1400	U	ug/kg	1400	1400	U	ug/kg	1400
2-Butanone		1400	UJ	ug/kg	1400	1400	UJ	ug/kg	1400	1400	UJ	ug/kg	1400
1,1,1-Trichloroethane		1400	U	ug/kg	1400	1400	U	ug/kg	1400	1400	U	ug/kg	1400
Carbon tetrachloride		1400	U	ug/kg	1400	1400	U	ug/kg	1400	1400	U	ug/kg	1400
Bromodichloromethane		1400	U	ug/kg	1400	1400	U	ug/kg	1400	1400	U	ug/kg	1400
1,2-Dichloropropane		1400	U	ug/kg	1400	1400	U	ug/kg	1400	1400	U	ug/kg	1400
cis-1,3-Dichloropropene		1400	U	ug/kg	1400	1400	U	ug/kg	1400	1400	U	ug/kg	1400
Trichloroethene		1400	U	ug/kg	1400	1400	U	ug/kg	1400	1400	U	ug/kg	1400
Dibromochloromethane		1400	U	ug/kg	1400	1400	U	ug/kg	1400	1400	U	ug/kg	1400
1,1,2-Trichloroethane		1400	U	ug/kg	1400	1400	U	ug/kg	1400	1400	U	ug/kg	1400
Benzene		1400	U	ug/kg	1400	1400	U	ug/kg	1400	1400	U	ug/kg	1400
trans-1,3-Dichloropropene		1400	U	ug/kg	1400	1400	U	ug/kg	1400	1400	U	ug/kg	1400
Bromoform		1400	U	ug/kg	1400	1400	U	ug/kg	1400	1400	U	ug/kg	1400
4-Methyl-2-pentanone		1400	UJ	ug/kg	1400	1400	UJ	ug/kg	1400	1400	UJ	ug/kg	1400
2-Hexanone		1400	UJ	ug/kg	1400	1400	UJ	ug/kg	1400	1400	UJ	ug/kg	1400
Tetrachloroethene		1300	J	ug/kg	1400	1400	U	ug/kg	1400	1400	U	ug/kg	1400
Toluene		8100	J	ug/kg	1400	260	J	ug/kg	1400	1400	U	ug/kg	1400
1,1,2,2-Tetrachloroethane		1400	U	ug/kg	1400	1400	U	ug/kg	1400	1400	U	ug/kg	1400
Chlorobenzene		1400	U	ug/kg	1400	1400	U	ug/kg	1400	1400	U	ug/kg	1400
Ethylbenzene		3700	J	ug/kg	1400	790	J	ug/kg	1400	1400	U	ug/kg	1400
Styrene		1400	U	ug/kg	1400	1400	U	ug/kg	1400	1400	U	ug/kg	1400
Xylenes (total)		23000	J	ug/kg	1400	3900		ug/kg	1400	1400	U	ug/kg	1400
CLP SEMIVOLATILES 90-SOW	ug/kg												
Phenol		9500	UJ	ug/kg	9500	9600	UJ	ug/kg	9600	9600	UJ	ug/kg	9600
bis(2-Chloroethyl) ether		9500	UJ	ug/kg	9500	9600	UJ	ug/kg	9600	9600	UJ	ug/kg	9600
2-Chlorophenol		9500	UJ	ug/kg	9500	9600	UJ	ug/kg	9600	9600	UJ	ug/kg	9600
1,3-Dichlorobenzene		9500	UJ	ug/kg	9500	9600	UJ	ug/kg	9600	9600	UJ	ug/kg	9600
1,4-Dichlorobenzene		9500	UJ	ug/kg	9500	9600	UJ	ug/kg	9600	9600	UJ	ug/kg	9600
1,2-Dichlorobenzene		9500	UJ	ug/kg	9500	9600	UJ	ug/kg	9600	9600	UJ	ug/kg	9600
2-Methylphenol		9500	UJ	ug/kg	9500	9600	UJ	ug/kg	9600	9600	UJ	ug/kg	9600
2,2-oxybis(1-Chloropropane)		9500	UJ	ug/kg	9500	9600	UJ	ug/kg	9600	9600	UJ	ug/kg	9600
4-Methylphenol		9500	UJ	ug/kg	9500	9600	UJ	ug/kg	9600	9600	UJ	ug/kg	9600
N-Nitroso-di-n-propylamine		9500	UJ	ug/kg	9500	9600	UJ	ug/kg	9600	9600	UJ	ug/kg	9600
Hexachloroethane		9500	UJ	ug/kg	9500	9600	UJ	ug/kg	9600	9600	UJ	ug/kg	9600
Nitrobenzene		9500	UJ	ug/kg	9500	9600	UJ	ug/kg	9600	9600	UJ	ug/kg	9600
Isophorone		9500	UJ	ug/kg	9500	9600	UJ	ug/kg	9600	9600	UJ	ug/kg	9600
2-Nitrophenol		9500	UJ	ug/kg	9500	9600	UJ	ug/kg	9600	9600	UJ	ug/kg	9600
2,4-Dimethylphenol		9500	UJ	ug/kg	9500	9600	UJ	ug/kg	9600	9600	UJ	ug/kg	9600
bis(2-Chloroethoxy) methane		9500	UJ	ug/kg	9500	9600	UJ	ug/kg	9600	9600	UJ	ug/kg	9600
2,4-Dichlorophenol		9500	UJ	ug/kg	9500	9600	UJ	ug/kg	9600	9600	UJ	ug/kg	9600
1,2,4-Trichlorobenzene		9500	UJ	ug/kg	9500	9600	UJ	ug/kg	9600	9600	UJ	ug/kg	9600

Lab Sample Number:		94015012				94015016				94015020			
Site		WHITING				WHITING				WHITING			
Locator		WR-SB01(10-12)				WR-SB02(10-12)				WR-SB03(10-12)			
Collect Date:		30-JUL-93				30-JUL-93				30-JUL-93			
		VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL
Naphthalene		21000	J	ug/kg	9500	19000	J	ug/kg	9600	1600	J	ug/kg	9600
4-Chloroaniline		9500	UJ	ug/kg	9500	9600	UJ	ug/kg	9600	9600	UJ	ug/kg	9600
Hexachlorobutadiene		9500	UJ	ug/kg	9500	9600	UJ	ug/kg	9600	9600	UJ	ug/kg	9600
4-Chloro-3-methylphenol		9500	UJ	ug/kg	9500	9600	UJ	ug/kg	9600	9600	UJ	ug/kg	9600
2-Methylnaphthalene		37000	J	ug/kg	9500	26000	J	ug/kg	9600	6500	J	ug/kg	9600
Hexachlorocyclopentadiene		9500	UJ	ug/kg	9500	9600	UJ	ug/kg	9600	9600	UJ	ug/kg	9600
2,4,6-Trichlorophenol		9500	UJ	ug/kg	9500	9600	UJ	ug/kg	9600	9600	UJ	ug/kg	9600
2,4,5-Trichlorophenol		23000	UJ	ug/kg	23000	23000	UJ	ug/kg	23000	23000	UJ	ug/kg	23000
2-Chloronaphthalene		9500	UJ	ug/kg	9500	9600	UJ	ug/kg	9600	9600	UJ	ug/kg	9600
2-Nitroaniline		23000	UJ	ug/kg	23000	23000	UJ	ug/kg	23000	23000	UJ	ug/kg	23000
Dimethylphthalate		9500	UJ	ug/kg	9500	9600	UJ	ug/kg	9600	9600	UJ	ug/kg	9600
Acenaphthylene		9500	UJ	ug/kg	9500	9600	UJ	ug/kg	9600	9600	UJ	ug/kg	9600
2,6-Dinitrotoluene		9500	UJ	ug/kg	9500	9600	UJ	ug/kg	9600	9600	UJ	ug/kg	9600
3-Nitroaniline		23000	UJ	ug/kg	23000	23000	UJ	ug/kg	23000	23000	UJ	ug/kg	23000
Acenaphthene		9500	UJ	ug/kg	9500	9600	UJ	ug/kg	9600	9600	UJ	ug/kg	9600
2,4-Dinitrophenol		23000	UJ	ug/kg	23000	23000	UJ	ug/kg	23000	23000	UJ	ug/kg	23000
4-Nitrophenol		23000	UJ	ug/kg	23000	23000	UJ	ug/kg	23000	23000	UJ	ug/kg	23000
Dibenzofuran		1400	J	ug/kg	9500	9600	UJ	ug/kg	9600	9600	UJ	ug/kg	9600
2,4-Dinitrotoluene		9500	UJ	ug/kg	9500	9600	UJ	ug/kg	9600	9600	UJ	ug/kg	9600
Diethylphthalate		9500	UJ	ug/kg	9500	9600	UJ	ug/kg	9600	9600	UJ	ug/kg	9600
4-Chlorophenyl-phenylether		9500	UJ	ug/kg	9500	9600	UJ	ug/kg	9600	9600	UJ	ug/kg	9600
Fluorene		970	J	ug/kg	9500	9600	UJ	ug/kg	9600	9600	UJ	ug/kg	9600
4-Nitroaniline		23000	UJ	ug/kg	23000	23000	UJ	ug/kg	23000	23000	UJ	ug/kg	23000
4,6-Dinitro-2-methylphenol		23000	UJ	ug/kg	23000	23000	UJ	ug/kg	23000	23000	UJ	ug/kg	23000
N-Nitrosodiphenylamine (1)		9500	UJ	ug/kg	9500	9600	UJ	ug/kg	9600	9600	UJ	ug/kg	9600
4-Bromophenyl-phenylether		9500	UJ	ug/kg	9500	9600	UJ	ug/kg	9600	9600	UJ	ug/kg	9600
Hexachlorobenzene		9500	UJ	ug/kg	9500	9600	UJ	ug/kg	9600	9600	UJ	ug/kg	9600
Pentachlorophenol		23000	UJ	ug/kg	23000	23000	UJ	ug/kg	23000	23000	UJ	ug/kg	23000
Phenanthrene		9500	UJ	ug/kg	9500	9600	UJ	ug/kg	9600	9600	UJ	ug/kg	9600
Anthracene		9500	UJ	ug/kg	9500	9600	UJ	ug/kg	9600	9600	UJ	ug/kg	9600
Carbazole		9500	UJ	ug/kg	9500	9600	UJ	ug/kg	9600	9600	UJ	ug/kg	9600
Di-n-butylphthalate		9500	UJ	ug/kg	9500	9600	UJ	ug/kg	9600	9600	UJ	ug/kg	9600
Fluoranthene		9500	UJ	ug/kg	9500	9600	UJ	ug/kg	9600	9600	UJ	ug/kg	9600
Pyrene		9500	UJ	ug/kg	9500	9600	UJ	ug/kg	9600	9600	UJ	ug/kg	9600
Butylbenzylphthalate		9500	UJ	ug/kg	9500	9600	UJ	ug/kg	9600	9600	UJ	ug/kg	9600
3,3-Dichlorobenzidine		9500	UJ	ug/kg	9500	9600	UJ	ug/kg	9600	9600	UJ	ug/kg	9600
Benzo (a) anthracene		9500	UJ	ug/kg	9500	9600	UJ	ug/kg	9600	9600	UJ	ug/kg	9600
Chrysene		9500	UJ	ug/kg	9500	9600	UJ	ug/kg	9600	9600	UJ	ug/kg	9600
bis(2-Ethylhexyl) phthalate		9500	UJ	ug/kg	9500	9600	UJ	ug/kg	9600	9600	UJ	ug/kg	9600
Di-n-octylphthalate		9500	UJ	ug/kg	9500	9600	UJ	ug/kg	9600	9600	UJ	ug/kg	9600
Benzo (b) fluoranthene		9500	UJ	ug/kg	9500	9600	UJ	ug/kg	9600	9600	UJ	ug/kg	9600
Benzo (k) fluoranthene		9500	UJ	ug/kg	9500	9600	UJ	ug/kg	9600	9600	UJ	ug/kg	9600
Benzo (a) pyrene		9500	UJ	ug/kg	9500	9600	UJ	ug/kg	9600	9600	UJ	ug/kg	9600
Indeno (1,2,3-cd) pyrene		9500	UJ	ug/kg	9500	9600	UJ	ug/kg	9600	9600	UJ	ug/kg	9600
Dibenz (a,h) anthracene		9500	UJ	ug/kg	9500	9600	UJ	ug/kg	9600	9600	UJ	ug/kg	9600
Benzo (g,h,i) perylene		9500	UJ	ug/kg	9500	9600	UJ	ug/kg	9600	9600	UJ	ug/kg	9600
CLP PESTICIDES/PCBS 90-SOW	ug/kg												
alpha-BHC		-		ug/kg		-		ug/kg		-		ug/kg	
beta-BHC		-		ug/kg		-		ug/kg		-		ug/kg	
delta-BHC		-		ug/kg		-		ug/kg		-		ug/kg	
gamma-BHC (Lindane)		-		ug/kg		-		ug/kg		-		ug/kg	
Heptachlor		-		ug/kg		-		ug/kg		-		ug/kg	
Aldrin		-		ug/kg		-		ug/kg		-		ug/kg	

Lab Sample Number:		94015012			94015016			94015020		
Site		WHITING			WHITING			WHITING		
Locator		WR-SB01(10-12)			WR-SB02(10-12)			WR-SB03(10-12)		
Collect Date:		30-JUL-93			30-JUL-93			30-JUL-93		
	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL
Heptachlor epoxide	-		ug/kg		-		ug/kg		-		ug/kg	
Endosulfan I	-		ug/kg		-		ug/kg		-		ug/kg	
Dieldrin	-		ug/kg		-		ug/kg		-		ug/kg	
4,4-DDE	-		ug/kg		-		ug/kg		-		ug/kg	
Endrin	-		ug/kg		-		ug/kg		-		ug/kg	
Endosulfan II	-		ug/kg		-		ug/kg		-		ug/kg	
4,4-DDD	-		ug/kg		-		ug/kg		-		ug/kg	
Endosulfan sulfate	-		ug/kg		-		ug/kg		-		ug/kg	
4,4-DDT	-		ug/kg		-		ug/kg		-		ug/kg	
Methoxychlor	-		ug/kg		-		ug/kg		-		ug/kg	
Endrin ketone	-		ug/kg		-		ug/kg		-		ug/kg	
Endrin aldehyde	-		ug/kg		-		ug/kg		-		ug/kg	
alpha-Chlordane	-		ug/kg		-		ug/kg		-		ug/kg	
gamma-Chlordane	-		ug/kg		-		ug/kg		-		ug/kg	
Toxaphene	-		ug/kg		-		ug/kg		-		ug/kg	
Aroclor-1016	-		ug/kg		-		ug/kg		-		ug/kg	
Aroclor-1221	-		ug/kg		-		ug/kg		-		ug/kg	
Aroclor-1232	-		ug/kg		-		ug/kg		-		ug/kg	
Aroclor-1242	-		ug/kg		-		ug/kg		-		ug/kg	
Aroclor-1248	-		ug/kg		-		ug/kg		-		ug/kg	
Aroclor-1254	-		ug/kg		-		ug/kg		-		ug/kg	
Aroclor-1260	-		ug/kg		-		ug/kg		-		ug/kg	
CLP METALS AND CYANIDE ug/kg												
Aluminum	-		ug/kg		-		ug/kg		-		ug/kg	
Antimony	-		ug/kg		-		ug/kg		-		ug/kg	
Arsenic	-		ug/kg		-		ug/kg		-		ug/kg	
Barium	-		ug/kg		-		ug/kg		-		ug/kg	
Beryllium	-		ug/kg		-		ug/kg		-		ug/kg	
Cadmium	-		ug/kg		-		ug/kg		-		ug/kg	
Calcium	-		ug/kg		-		ug/kg		-		ug/kg	
Chromium	13400		ug/kg	2000	13600		ug/kg	2000	7600		ug/kg	2000
Cobalt	-		ug/kg		-		ug/kg		-		ug/kg	
Copper	-		ug/kg		-		ug/kg		-		ug/kg	
Iron	-		ug/kg		-		ug/kg		-		ug/kg	
Lead	-		ug/kg		-		ug/kg		-		ug/kg	
Magnesium	-		ug/kg		-		ug/kg		-		ug/kg	
Manganese	-		ug/kg		-		ug/kg		-		ug/kg	
Mercury	-		ug/kg		-		ug/kg		-		ug/kg	
Nickel	-		ug/kg		-		ug/kg		-		ug/kg	
Potassium	-		ug/kg		-		ug/kg		-		ug/kg	
Selenium	-		ug/kg		-		ug/kg		-		ug/kg	
Silver	-		ug/kg		-		ug/kg		-		ug/kg	
Sodium	-		ug/kg		-		ug/kg		-		ug/kg	
Thallium	-		ug/kg		-		ug/kg		-		ug/kg	
Vanadium	-		ug/kg		-		ug/kg		-		ug/kg	
Zinc	-		ug/kg		-		ug/kg		-		ug/kg	
Cyanide	-		ug/kg		-		ug/kg		-		ug/kg	

08/30/94 NAS Whiting Field Wash Rack Soil Boring Investigation 14:24:04
Full Scan: 5-7 Feet

Lab Sample Number:		94015010				94015011				94015015				94015019			
Site		WHITING				WHITING				WHITING				WHITING			
Locator		WR-SB01(5-7)				WR-SB01(5-7)D				WR-SB02(5-7)				WR-SB03(5-7)			
Collect Date:		30-JUL-93				30-JUL-93				30-JUL-93				30-JUL-93			
		VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL
CLP VOLATILES 90-SOW	ug/kg																
Chloromethane		2800	U	ug/kg	2800	2800	U	ug/kg	2800	1300	U	ug/kg	1300	1400	U	ug/kg	1400
Bromomethane		2800	U	ug/kg	2800	2800	U	ug/kg	2800	1300	U	ug/kg	1300	1400	U	ug/kg	1400
Vinyl chloride		2800	U	ug/kg	2800	2800	U	ug/kg	2800	1300	U	ug/kg	1300	1400	U	ug/kg	1400
Chloroethane		2800	U	ug/kg	2800	2800	U	ug/kg	2800	1300	U	ug/kg	1300	1400	U	ug/kg	1400
Methylene chloride		2800	U	ug/kg	2800	610	J	ug/kg	2800	1300	U	ug/kg	1300	160	J	ug/kg	1400
Acetone		2000	J	ug/kg	2800	2800	U	ug/kg	2800	1300	UJ	ug/kg	1300	2000	J	ug/kg	1400
Carbon disulfide		2800	U	ug/kg	2800	2800	U	ug/kg	2800	1300	U	ug/kg	1300	1400	U	ug/kg	1400
1,1-Dichloroethene		2800	U	ug/kg	2800	2800	U	ug/kg	2800	1300	U	ug/kg	1300	1400	U	ug/kg	1400
1,1-Dichloroethane		2800	U	ug/kg	2800	2800	U	ug/kg	2800	1300	U	ug/kg	1300	1400	U	ug/kg	1400
1,2-Dichloroethene (total)		430	J	ug/kg	2800	2800	U	ug/kg	2800	1300	U	ug/kg	1300	1400	U	ug/kg	1400
Chloroform		2800	U	ug/kg	2800	2800	U	ug/kg	2800	1300	U	ug/kg	1300	1400	U	ug/kg	1400
1,2-Dichloroethane		2800	U	ug/kg	2800	2800	U	ug/kg	2800	1300	U	ug/kg	1300	1400	U	ug/kg	1400
2-Butanone		2800	UJ	ug/kg	2800	2800	UJ	ug/kg	2800	1300	UJ	ug/kg	1300	1400	UJ	ug/kg	1400
1,1,1-Trichloroethane		2800	U	ug/kg	2800	2800	U	ug/kg	2800	1300	U	ug/kg	1300	1400	U	ug/kg	1400
Carbon tetrachloride		2800	U	ug/kg	2800	2800	U	ug/kg	2800	1300	U	ug/kg	1300	1400	U	ug/kg	1400
Bromodichloromethane		2800	U	ug/kg	2800	2800	U	ug/kg	2800	1300	U	ug/kg	1300	1400	U	ug/kg	1400
1,2-Dichloropropane		2800	U	ug/kg	2800	2800	U	ug/kg	2800	1300	U	ug/kg	1300	1400	U	ug/kg	1400
cis-1,3-Dichloropropene		2800	U	ug/kg	2800	2800	U	ug/kg	2800	1300	U	ug/kg	1300	1400	U	ug/kg	1400
Trichloroethene		2800	U	ug/kg	2800	2800	U	ug/kg	2800	1300	U	ug/kg	1300	1400	U	ug/kg	1400
Dibromochloromethane		2800	U	ug/kg	2800	2800	U	ug/kg	2800	1300	U	ug/kg	1300	1400	U	ug/kg	1400
1,1,2-Trichloroethane		2800	U	ug/kg	2800	2800	U	ug/kg	2800	1300	U	ug/kg	1300	1400	U	ug/kg	1400
Benzene		2800	UJ	ug/kg	2800	2800	UJ	ug/kg	2800	1300	U	ug/kg	1300	1400	U	ug/kg	1400
trans-1,3-Dichloropropene		2800	U	ug/kg	2800	2800	U	ug/kg	2800	1300	U	ug/kg	1300	1400	U	ug/kg	1400
Bromoform		2800	U	ug/kg	2800	2800	U	ug/kg	2800	1300	U	ug/kg	1300	1400	U	ug/kg	1400
4-Methyl-2-pentanone		2800	U	ug/kg	2800	2800	UJ	ug/kg	2800	1300	UJ	ug/kg	1300	1400	UJ	ug/kg	1400
2-Hexanone		2800	UJ	ug/kg	2800	2800	UJ	ug/kg	2800	1300	UJ	ug/kg	1300	1400	UJ	ug/kg	1400
Tetrachloroethene		1300	UJ	ug/kg	2800	1700	J	ug/kg	2800	1300	U	ug/kg	1300	1400	U	ug/kg	1400
Toluene		13000		ug/kg	2800	11000		ug/kg	2800	1300	U	ug/kg	1300	1400	U	ug/kg	1400
1,1,2,2-Tetrachloroethane		2800	U	ug/kg	2800	2800	U	ug/kg	2800	1300	U	ug/kg	1300	1400	U	ug/kg	1400
Chlorobenzene		2800	U	ug/kg	2800	2800	U	ug/kg	2800	1300	U	ug/kg	1300	1400	U	ug/kg	1400
Ethylbenzene		4900		ug/kg	2800	5100		ug/kg	2800	1300	U	ug/kg	1300	440	J	ug/kg	1400
Styrene		2800	U	ug/kg	2800	2800	U	ug/kg	2800	1300	U	ug/kg	1300	1400	U	ug/kg	1400
Xylenes (total)		32000		ug/kg	2800	32000		ug/kg	2800	1300	U	ug/kg	1300	210	J	ug/kg	1400
CLP SEMIVOLATILES 90-SOW	ug/kg																
Phenol		9500	UJ	ug/kg	9500	9500	UJ	ug/kg	9500	3500	U	ug/kg	3500	9400	UJ	ug/kg	9400
bis(2-Chloroethyl) ether		9500	UJ	ug/kg	9500	9500	UJ	ug/kg	9500	3500	U	ug/kg	3500	9400	UJ	ug/kg	9400
2-Chlorophenol		9500	UJ	ug/kg	9500	9500	UJ	ug/kg	9500	3500	U	ug/kg	3500	9400	UJ	ug/kg	9400
1,3-Dichlorobenzene		9500	UJ	ug/kg	9500	9500	UJ	ug/kg	9500	3500	U	ug/kg	3500	9400	UJ	ug/kg	9400
1,4-Dichlorobenzene		9500	UJ	ug/kg	9500	9500	UJ	ug/kg	9500	3500	U	ug/kg	3500	9400	UJ	ug/kg	9400
1,2-Dichlorobenzene		9500	UJ	ug/kg	9500	9500	UJ	ug/kg	9500	3500	U	ug/kg	3500	9400	UJ	ug/kg	9400
2-Methylphenol		9500	UJ	ug/kg	9500	9500	UJ	ug/kg	9500	3500	U	ug/kg	3500	9400	UJ	ug/kg	9400
2,2-oxybis(1-Chloropropane)		9500	UJ	ug/kg	9500	9500	UJ	ug/kg	9500	3500	U	ug/kg	3500	9400	UJ	ug/kg	9400
4-Methylphenol		9500	UJ	ug/kg	9500	9500	UJ	ug/kg	9500	3500	U	ug/kg	3500	9400	UJ	ug/kg	9400
N-Nitroso-di-n-propylamine		9500	UJ	ug/kg	9500	9500	UJ	ug/kg	9500	3500	U	ug/kg	3500	9400	UJ	ug/kg	9400
Hexachloroethane		9500	UJ	ug/kg	9500	9500	UJ	ug/kg	9500	3500	U	ug/kg	3500	9400	UJ	ug/kg	9400
Nitrobenzene		9500	UJ	ug/kg	9500	9500	UJ	ug/kg	9500	3500	U	ug/kg	3500	9400	UJ	ug/kg	9400
Isophorone		9500	UJ	ug/kg	9500	9500	UJ	ug/kg	9500	3500	U	ug/kg	3500	9400	UJ	ug/kg	9400
2-Nitrophenol		9500	UJ	ug/kg	9500	9500	UJ	ug/kg	9500	3500	U	ug/kg	3500	9400	UJ	ug/kg	9400
2,4-Dimethylphenol		9500	UJ	ug/kg	9500	9500	UJ	ug/kg	9500	3500	U	ug/kg	3500	9400	UJ	ug/kg	9400
bis(2-Chloroethoxy) methane		9500	UJ	ug/kg	9500	9500	UJ	ug/kg	9500	3500	U	ug/kg	3500	9400	UJ	ug/kg	9400
2,4-Dichlorophenol		9500	UJ	ug/kg	9500	9500	UJ	ug/kg	9500	3500	U	ug/kg	3500	9400	UJ	ug/kg	9400
1,2,4-Trichloro' ene		9500	UJ	ug/kg	9500	9500	UJ	ug/kg	9500	3500	U	ug/kg	3500	9400	UJ	ug/kg	9400

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Full Scan: 5-7 Feet

Lab Sample Number:	94015010				94015011				94015015				94015019			
Site	WHITING				WHITING				WHITING				WHITING			
Locator	WR-SB01(5-7)				WR-SB01(5-7)D				WR-SB02(5-7)				WR-SB03(5-7)			
Collect Date:	30-JUL-93				30-JUL-93				30-JUL-93				30-JUL-93			
	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL
Naphthalene	26000	J	ug/kg	9500	22000	J	ug/kg	9500	8900		ug/kg	3500	6900	J	ug/kg	9400
4-Chloroaniline	9500	UJ	ug/kg	9500	9500	UJ	ug/kg	9500	3500	U	ug/kg	3500	9400	UJ	ug/kg	9400
Hexachlorobutadiene	9500	UJ	ug/kg	9500	9500	UJ	ug/kg	9500	3500	U	ug/kg	3500	9400	UJ	ug/kg	9400
4-Chloro-3-methylphenol	9500	UJ	ug/kg	9500	9500	UJ	ug/kg	9500	3500	U	ug/kg	3500	9400	UJ	ug/kg	9400
2-Methylnaphthalene	43000	J	ug/kg	9500	37000	J	ug/kg	9500	4400		ug/kg	3500	24000	J	ug/kg	9400
Hexachlorocyclopentadiene	9500	UJ	ug/kg	9500	9500	UJ	ug/kg	9500	3500	U	ug/kg	3500	9400	UJ	ug/kg	9400
2,4,6-Trichlorophenol	9500	UJ	ug/kg	9500	9500	UJ	ug/kg	9500	3500	U	ug/kg	3500	9400	UJ	ug/kg	9400
2,4,5-Trichlorophenol	23000	UJ	ug/kg	23000	23000	UJ	ug/kg	23000	8600	U	ug/kg	8600	23000	UJ	ug/kg	23000
2-Chloronaphthalene	9500	UJ	ug/kg	9500	9500	UJ	ug/kg	9500	3500	U	ug/kg	3500	9400	UJ	ug/kg	9400
2-Nitroaniline	23000	UJ	ug/kg	23000	23000	UJ	ug/kg	23000	8600	U	ug/kg	8600	23000	UJ	ug/kg	23000
Dimethylphthalate	9500	UJ	ug/kg	9500	9500	UJ	ug/kg	9500	3500	U	ug/kg	3500	9400	UJ	ug/kg	9400
Acenaphthylene	9500	UJ	ug/kg	9500	9500	UJ	ug/kg	9500	3500	U	ug/kg	3500	9400	UJ	ug/kg	9400
2,6-Dinitrotoluene	9500	UJ	ug/kg	9500	9500	UJ	ug/kg	9500	3500	U	ug/kg	3500	9400	UJ	ug/kg	9400
3-Nitroaniline	23000	UJ	ug/kg	23000	23000	UJ	ug/kg	23000	8600	U	ug/kg	8600	23000	UJ	ug/kg	23000
Acenaphthene	9500	UJ	ug/kg	9500	9500	UJ	ug/kg	9500	3500	U	ug/kg	3500	9400	UJ	ug/kg	9400
2,4-Dinitrophenol	23000	UJ	ug/kg	23000	23000	UJ	ug/kg	23000	8600	U	ug/kg	8600	23000	UJ	ug/kg	23000
4-Nitrophenol	23000	UJ	ug/kg	23000	23000	UJ	ug/kg	23000	8600	U	ug/kg	8600	23000	UJ	ug/kg	23000
Dibenzofuran	9500	UJ	ug/kg	9500	9500	UJ	ug/kg	9500	3500	U	ug/kg	3500	1500	J	ug/kg	9400
2,4-Dinitrotoluene	9500	UJ	ug/kg	9500	9500	UJ	ug/kg	9500	3500	U	ug/kg	3500	9400	UJ	ug/kg	9400
Diethylphthalate	9500	UJ	ug/kg	9500	9500	UJ	ug/kg	9500	3500	U	ug/kg	3500	9400	UJ	ug/kg	9400
4-Chlorophenyl-phenylether	9500	UJ	ug/kg	9500	9500	UJ	ug/kg	9500	3500	U	ug/kg	3500	9400	UJ	ug/kg	9400
Fluorene	9500	UJ	ug/kg	9500	9500	UJ	ug/kg	9500	3500	U	ug/kg	3500	9400	UJ	ug/kg	9400
4-Nitroaniline	23000	UJ	ug/kg	23000	23000	UJ	ug/kg	23000	8600	U	ug/kg	8600	23000	UJ	ug/kg	23000
4,6-Dinitro-2-methylphenol	23000	UJ	ug/kg	23000	23000	UJ	ug/kg	23000	8600	U	ug/kg	8600	23000	UJ	ug/kg	23000
N-Nitrosodiphenylamine (1)	9500	UJ	ug/kg	9500	9500	UJ	ug/kg	9500	3500	U	ug/kg	3500	9400	UJ	ug/kg	9400
4-Bromophenyl-phenylether	9500	UJ	ug/kg	9500	9500	UJ	ug/kg	9500	3500	U	ug/kg	3500	9400	UJ	ug/kg	9400
Hexachlorobenzene	9500	UJ	ug/kg	9500	9500	UJ	ug/kg	9500	3500	U	ug/kg	3500	9400	UJ	ug/kg	9400
Pentachlorophenol	23000	UJ	ug/kg	23000	23000	UJ	ug/kg	23000	8600	U	ug/kg	8600	23000	UJ	ug/kg	23000
Phenanthrene	9500	UJ	ug/kg	9500	9500	UJ	ug/kg	9500	3500	U	ug/kg	3500	9400	UJ	ug/kg	9400
Anthracene	9500	UJ	ug/kg	9500	9500	UJ	ug/kg	9500	3500	U	ug/kg	3500	9400	UJ	ug/kg	9400
Carbazole	9500	UJ	ug/kg	9500	9500	UJ	ug/kg	9500	3500	U	ug/kg	3500	9400	UJ	ug/kg	9400
Di-n-butylphthalate	9500	UJ	ug/kg	9500	9500	UJ	ug/kg	9500	3500	U	ug/kg	3500	9400	UJ	ug/kg	9400
Fluoranthene	9500	UJ	ug/kg	9500	9500	UJ	ug/kg	9500	3500	U	ug/kg	3500	9400	UJ	ug/kg	9400
Pyrene	9500	UJ	ug/kg	9500	9500	UJ	ug/kg	9500	3500	U	ug/kg	3500	9400	UJ	ug/kg	9400
Butylbenzylphthalate	9500	UJ	ug/kg	9500	9500	UJ	ug/kg	9500	3500	U	ug/kg	3500	9400	UJ	ug/kg	9400
3,3-Dichlorobenzidine	9500	UJ	ug/kg	9500	9500	UJ	ug/kg	9500	3500	U	ug/kg	3500	9400	UJ	ug/kg	9400
Benzo (a) anthracene	9500	UJ	ug/kg	9500	9500	UJ	ug/kg	9500	3500	U	ug/kg	3500	9400	UJ	ug/kg	9400
Chrysene	9500	UJ	ug/kg	9500	9500	UJ	ug/kg	9500	3500	U	ug/kg	3500	9400	UJ	ug/kg	9400
bis(2-Ethylhexyl) phthalate	9500	UJ	ug/kg	9500	9500	UJ	ug/kg	9500	590	J	ug/kg	3500	9400	UJ	ug/kg	9400
Di-n-octylphthalate	9500	UJ	ug/kg	9500	9500	UJ	ug/kg	9500	3500	U	ug/kg	3500	9400	UJ	ug/kg	9400
Benzo (b) fluoranthene	9500	UJ	ug/kg	9500	9500	UJ	ug/kg	9500	3500	U	ug/kg	3500	9400	UJ	ug/kg	9400
Benzo (k) fluoranthene	9500	UJ	ug/kg	9500	9500	UJ	ug/kg	9500	3500	U	ug/kg	3500	9400	UJ	ug/kg	9400
Benzo (a) pyrene	9500	UJ	ug/kg	9500	9500	UJ	ug/kg	9500	3500	U	ug/kg	3500	9400	UJ	ug/kg	9400
Indeno (1,2,3-cd) pyrene	9500	UJ	ug/kg	9500	9500	UJ	ug/kg	9500	3500	U	ug/kg	3500	9400	UJ	ug/kg	9400
Dibenz (a,h) anthracene	9500	UJ	ug/kg	9500	9500	UJ	ug/kg	9500	3500	U	ug/kg	3500	9400	UJ	ug/kg	9400
Benzo (g,h,i) perylene	9500	UJ	ug/kg	9500	9500	UJ	ug/kg	9500	3500	U	ug/kg	3500	9400	UJ	ug/kg	9400
CLP PESTICIDES/PCBS 90-SOW ug/kg																
alpha-BHC	-		ug/kg		-		ug/kg		-		ug/kg		-		ug/kg	
beta-BHC	-		ug/kg		-		ug/kg		-		ug/kg		-		ug/kg	
delta-BHC	-		ug/kg		-		ug/kg		-		ug/kg		-		ug/kg	
gamma-BHC (Lindane)	-		ug/kg		-		ug/kg		-		ug/kg		-		ug/kg	
Heptachlor	-		ug/kg		-		ug/kg		-		ug/kg		-		ug/kg	
Aldrin	-		ug/kg		-		ug/kg		-		ug/kg		-		ug/kg	

08/30/94 NAS Whiting Field Wash Rack Soil Boring Investigation 14:24:04
Full Scan: 5-7 Feet

Lab Sample Number:		94015010			94015011			94015015			94015019		
Site		WHITING			WHITING			WHITING			WHITING		
Locator		WR-SB01(5-7)			WR-SB01(5-7)D			WR-SB02(5-7)			WR-SB03(5-7)		
Collect Date:		30-JUL-93			30-JUL-93			30-JUL-93			30-JUL-93		
	VALUE	QUAL UNITS	DL	VALUE	QUAL UNITS	DL	VALUE	QUAL UNITS	DL	VALUE	QUAL UNITS	DL	
Heptachlor epoxide		- ug/kg			- ug/kg			- ug/kg			- ug/kg		
Endosulfan I		- ug/kg			- ug/kg			- ug/kg			- ug/kg		
Dieldrin		- ug/kg			- ug/kg			- ug/kg			- ug/kg		
4,4-DDE		- ug/kg			- ug/kg			- ug/kg			- ug/kg		
Endrin		- ug/kg			- ug/kg			- ug/kg			- ug/kg		
Endosulfan II		- ug/kg			- ug/kg			- ug/kg			- ug/kg		
4,4-DDD		- ug/kg			- ug/kg			- ug/kg			- ug/kg		
Endosulfan sulfate		- ug/kg			- ug/kg			- ug/kg			- ug/kg		
4,4-DDT		- ug/kg			- ug/kg			- ug/kg			- ug/kg		
Methoxychlor		- ug/kg			- ug/kg			- ug/kg			- ug/kg		
Endrin ketone		- ug/kg			- ug/kg			- ug/kg			- ug/kg		
Endrin aldehyde		- ug/kg			- ug/kg			- ug/kg			- ug/kg		
alpha-Chlordane		- ug/kg			- ug/kg			- ug/kg			- ug/kg		
gamma-Chlordane		- ug/kg			- ug/kg			- ug/kg			- ug/kg		
Toxaphene		- ug/kg			- ug/kg			- ug/kg			- ug/kg		
Aroclor-1016		- ug/kg			- ug/kg			- ug/kg			- ug/kg		
Aroclor-1221		- ug/kg			- ug/kg			- ug/kg			- ug/kg		
Aroclor-1232		- ug/kg			- ug/kg			- ug/kg			- ug/kg		
Aroclor-1242		- ug/kg			- ug/kg			- ug/kg			- ug/kg		
Aroclor-1248		- ug/kg			- ug/kg			- ug/kg			- ug/kg		
Aroclor-1254		- ug/kg			- ug/kg			- ug/kg					
Aroclor-1260													
CLP METALS AND CYANIDE	ug/kg										- ug/kg		
Aluminum		- ug/kg			- ug/kg			- ug/kg			- ug/kg		
Antimony		- ug/kg			- ug/kg			- ug/kg			- ug/kg		
Arsenic		- ug/kg			- ug/kg			- ug/kg			- ug/kg		
Barium		- ug/kg			- ug/kg			- ug/kg			- ug/kg		
Beryllium		- ug/kg			- ug/kg			- ug/kg			- ug/kg		
Cadmium		- ug/kg			- ug/kg			- ug/kg			- ug/kg		
Calcium		20300 ug/kg	2000	14100	ug/kg	2000	4800	ug/kg	2000	9500	ug/kg	2000	
Chromium		- ug/kg			- ug/kg			- ug/kg			- ug/kg		
Cobalt		- ug/kg			- ug/kg			- ug/kg			- ug/kg		
Copper		- ug/kg			- ug/kg			- ug/kg			- ug/kg		
Iron		- ug/kg			- ug/kg			- ug/kg			- ug/kg		
Lead		- ug/kg			- ug/kg			- ug/kg			- ug/kg		
Magnesium		- ug/kg			- ug/kg			- ug/kg			- ug/kg		
Manganese		- ug/kg			- ug/kg			- ug/kg			- ug/kg		
Mercury		- ug/kg			- ug/kg			- ug/kg			- ug/kg		
Nickel		- ug/kg			- ug/kg			- ug/kg			- ug/kg		
Potassium		- ug/kg			- ug/kg			- ug/kg			- ug/kg		
Selenium		- ug/kg			- ug/kg			- ug/kg			- ug/kg		
Silver		- ug/kg			- ug/kg			- ug/kg			- ug/kg		
Sodium		- ug/kg			- ug/kg			- ug/kg			- ug/kg		
Thallium		- ug/kg			- ug/kg			- ug/kg			- ug/kg		
Vanadium		- ug/kg			- ug/kg			- ug/kg			- ug/kg		
Zinc		- ug/kg			- ug/kg			- ug/kg			- ug/kg		
Cyanide													

Lab Sample Number:		94015014				94015018				94015022			
Site		WHITING				WHITING				WHITING			
Locator		WR-SB01(20-22)				WR-SB02(20-22)				WR-SB03(20-22)			
Collect Date:		30-JUL-93				30-JUL-93				30-JUL-93			
		VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL
CLP VOLATILES 90-SOW	ug/kg												
CLP VOLATILES 90-SOW	ug/kg												
Chloromethane		1400	U	ug/kg	1400	1400	U	ug/kg	1400	11	UJ	ug/kg	11
Bromomethane		1400	U	ug/kg	1400	1400	U	ug/kg	1400	11	U	ug/kg	11
Vinyl chloride		1400	U	ug/kg	1400	1400	U	ug/kg	1400	11	U	ug/kg	11
Chloroethane		1400	U	ug/kg	1400	1400	U	ug/kg	1400	11	U	ug/kg	11
Methylene chloride		1400	U	ug/kg	1400	1400	U	ug/kg	1400	11	U	ug/kg	11
Acetone		1400	UJ	ug/kg	1400	700	J	ug/kg	1400	15	UJ	ug/kg	11
Carbon disulfide		1400	U	ug/kg	1400	1400	U	ug/kg	1400	11	U	ug/kg	11
1,1-Dichloroethene		1400	U	ug/kg	1400	1400	U	ug/kg	1400	11	U	ug/kg	11
1,1-Dichloroethane		1400	U	ug/kg	1400	1400	U	ug/kg	1400	11	U	ug/kg	11
1,2-Dichloroethene (total)		1400	U	ug/kg	1400	1400	U	ug/kg	1400	11	U	ug/kg	11
Chloroform		1400	U	ug/kg	1400	1400	U	ug/kg	1400	11	U	ug/kg	11
1,2-Dichloroethane		1400	U	ug/kg	1400	1400	U	ug/kg	1400	11	U	ug/kg	11
2-Butanone		1400	UJ	ug/kg	1400	1400	UJ	ug/kg	1400	11	U	ug/kg	11
1,1,1-Trichloroethane		1400	U	ug/kg	1400	1400	U	ug/kg	1400	11	U	ug/kg	11
Carbon tetrachloride		1400	U	ug/kg	1400	1400	U	ug/kg	1400	11	U	ug/kg	11
Bromodichloromethane		1400	U	ug/kg	1400	1400	U	ug/kg	1400	11	U	ug/kg	11
1,2-Dichloropropane		1400	U	ug/kg	1400	1400	U	ug/kg	1400	11	U	ug/kg	11
cis-1,3-Dichloropropene		1400	U	ug/kg	1400	1400	U	ug/kg	1400	11	U	ug/kg	11
Trichloroethene		290	J	ug/kg	1400	1400	U	ug/kg	1400	11	U	ug/kg	11
Dibromochloromethane		1400	U	ug/kg	1400	1400	U	ug/kg	1400	11	U	ug/kg	11
1,1,2-Trichloroethane		1400	U	ug/kg	1400	1400	U	ug/kg	1400	11	U	ug/kg	11
Benzene		1400	U	ug/kg	1400	1400	U	ug/kg	1400	11	U	ug/kg	11
trans-1,3-Dichloropropene		1400	U	ug/kg	1400	1400	U	ug/kg	1400	11	U	ug/kg	11
Bromoform		1400	U	ug/kg	1400	1400	U	ug/kg	1400	11	U	ug/kg	11
4-Methyl-2-pentanone		1400	UJ	ug/kg	1400	1400	UJ	ug/kg	1400	11	U	ug/kg	11
2-Hexanone		1400	UJ	ug/kg	1400	1400	UJ	ug/kg	1400	11	U	ug/kg	11
Tetrachloroethene		1400	U	ug/kg	1400	1400	U	ug/kg	1400	11	U	ug/kg	11
Toluene		1400	U	ug/kg	1400	1400	U	ug/kg	1400	11	U	ug/kg	11
1,1,2,2-Tetrachloroethane		1400	U	ug/kg	1400	1400	U	ug/kg	1400	11	U	ug/kg	11
Chlorobenzene		1400	U	ug/kg	1400	1400	U	ug/kg	1400	11	U	ug/kg	11
Ethylbenzene		170	J	ug/kg	1400	1400	U	ug/kg	1400	11	U	ug/kg	11
Styrene		1400	U	ug/kg	1400	1400	U	ug/kg	1400	11	U	ug/kg	11
Xylenes (total)		1600		ug/kg	1400	540	J	ug/kg	1400	11	U	ug/kg	11
CLP SEMIVOLATILES 90-SOW	ug/kg												
CLP SEMIVOLATILES 90-SOW	ug/kg												
Phenol		9500	UJ	ug/kg	9500	9400	UJ	ug/kg	9400	3500	U	ug/kg	3500
bis(2-Chloroethyl) ether		9500	UJ	ug/kg	9500	9400	UJ	ug/kg	9400	3500	U	ug/kg	3500
2-Chlorophenol		9500	UJ	ug/kg	9500	9400	UJ	ug/kg	9400	3500	U	ug/kg	3500
1,3-Dichlorobenzene		9500	UJ	ug/kg	9500	9400	UJ	ug/kg	9400	3500	U	ug/kg	3500
1,4-Dichlorobenzene		9500	UJ	ug/kg	9500	9400	UJ	ug/kg	9400	3500	U	ug/kg	3500
1,2-Dichlorobenzene		9500	UJ	ug/kg	9500	9400	UJ	ug/kg	9400	3500	U	ug/kg	3500
2-Methylphenol		9500	UJ	ug/kg	9500	9400	UJ	ug/kg	9400	3500	U	ug/kg	3500
2,2-oxybis(1-Chloropropane)		9500	UJ	ug/kg	9500	9400	UJ	ug/kg	9400	3500	U	ug/kg	3500
4-Methylphenol		9500	UJ	ug/kg	9500	9400	UJ	ug/kg	9400	3500	U	ug/kg	3500
N-Nitroso-di-n-propylamine		9500	UJ	ug/kg	9500	9400	UJ	ug/kg	9400	3500	U	ug/kg	3500
Hexachloroethane		9500	UJ	ug/kg	9500	9400	UJ	ug/kg	9400	3500	U	ug/kg	3500
Nitrobenzene		9500	UJ	ug/kg	9500	9400	UJ	ug/kg	9400	3500	U	ug/kg	3500
Isophorone		9500	UJ	ug/kg	9500	9400	UJ	ug/kg	9400	3500	U	ug/kg	3500
2-Nitrophenol		9500	UJ	ug/kg	9500	9400	UJ	ug/kg	9400	3500	U	ug/kg	3500

08/30/94 NAS Whiting Field Wash Rack Soil Boring Investigation 14:48:42
Full Scan: 20-22 Feet

Lab Sample Number:	94015014				94015018				94015022			
Site	WHITING				WHITING				WHITING			
Locator	WR-SB01(20-22)				WR-SB02(20-22)				WR-SB03(20-22)			
Collect Date:	30-JUL-93				30-JUL-93				30-JUL-93			
	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL
2,4-Dimethylphenol	9500	UJ	ug/kg	9500	9400	UJ	ug/kg	9400	3500	U	ug/kg	3500
bis(2-Chloroethoxy) methane	9500	UJ	ug/kg	9500	9400	UJ	ug/kg	9400	3500	U	ug/kg	3500
2,4-Dichlorophenol	9500	UJ	ug/kg	9500	9400	UJ	ug/kg	9400	3500	U	ug/kg	3500
1,2,4-Trichlorobenzene	9500	UJ	ug/kg	9500	9400	UJ	ug/kg	9400	3500	U	ug/kg	3500
Naphthalene	8900	J	ug/kg	9500	13000	J	ug/kg	9400	3500	U	ug/kg	3500
4-Chloroaniline	9500	UJ	ug/kg	9500	9400	UJ	ug/kg	9400	3500	U	ug/kg	3500
Hexachlorobutadiene	9500	UJ	ug/kg	9500	9400	UJ	ug/kg	9400	3500	U	ug/kg	3500
4-Chloro-3-methylphenol	9500	UJ	ug/kg	9500	9400	UJ	ug/kg	9400	3500	U	ug/kg	3500
2-Methylnaphthalene	23000	J	ug/kg	9500	18000	J	ug/kg	9400	990	J	ug/kg	3500
Hexachlorocyclopentadiene	9500	UJ	ug/kg	9500	9400	UJ	ug/kg	9400	3500	U	ug/kg	3500
2,4,6-Trichlorophenol	9500	UJ	ug/kg	9500	9400	UJ	ug/kg	9400	3500	U	ug/kg	3500
2,4,5-Trichlorophenol	23000	UJ	ug/kg	23000	23000	UJ	ug/kg	23000	8600	U	ug/kg	8600
2-Chloronaphthalene	9500	UJ	ug/kg	9500	9400	UJ	ug/kg	9400	3500	U	ug/kg	3500
2-Nitroaniline	23000	UJ	ug/kg	23000	23000	UJ	ug/kg	23000	8600	U	ug/kg	8600
Dimethylphthalate	9500	UJ	ug/kg	9500	9400	UJ	ug/kg	9400	3500	U	ug/kg	3500
Acenaphthylene	9500	UJ	ug/kg	9500	9400	UJ	ug/kg	9400	3500	U	ug/kg	3500
2,6-Dinitrotoluene	9500	UJ	ug/kg	9500	9400	UJ	ug/kg	9400	3500	U	ug/kg	3500
3-Nitroaniline	23000	UJ	ug/kg	23000	23000	UJ	ug/kg	23000	8600	U	ug/kg	8600
Acenaphthene	9500	UJ	ug/kg	9500	9400	UJ	ug/kg	9400	3500	U	ug/kg	3500
2,4-Dinitrophenol	23000	UJ	ug/kg	23000	23000	UJ	ug/kg	23000	8600	U	ug/kg	8600
4-Nitrophenol	23000	UJ	ug/kg	23000	23000	UJ	ug/kg	23000	8600	UJ	ug/kg	8600
Dibenzofuran	1100	J	ug/kg	9500	9400	UJ	ug/kg	9400	3500	U	ug/kg	3500
2,4-Dinitrotoluene	9500	UJ	ug/kg	9500	9400	UJ	ug/kg	9400	3500	U	ug/kg	3500
Diethylphthalate	9500	UJ	ug/kg	9500	9400	UJ	ug/kg	9400	3500	U	ug/kg	3500
4-Chlorophenyl-phenylether	9500	UJ	ug/kg	9500	9400	UJ	ug/kg	9400	3500	U	ug/kg	3500
Fluorene	9500	UJ	ug/kg	9500	9400	UJ	ug/kg	9400	3500	U	ug/kg	3500
4-Nitroaniline	23000	UJ	ug/kg	23000	23000	UJ	ug/kg	23000	8600	U	ug/kg	8600
4,6-Dinitro-2-methylphenol	23000	UJ	ug/kg	23000	23000	UJ	ug/kg	23000	8600	U	ug/kg	8600
N-Nitrosodiphenylamine (1)	9500	UJ	ug/kg	9500	9400	UJ	ug/kg	9400	3500	U	ug/kg	3500
4-Bromophenyl-phenylether	9500	UJ	ug/kg	9500	9400	UJ	ug/kg	9400	3500	U	ug/kg	3500
Hexachlorobenzene	9500	UJ	ug/kg	9500	9400	UJ	ug/kg	9400	3500	U	ug/kg	3500
Pentachlorophenol	23000	UJ	ug/kg	23000	23000	UJ	ug/kg	23000	8600	UJ	ug/kg	8600
Phenanthrene	9500	UJ	ug/kg	9500	9400	UJ	ug/kg	9400	3500	U	ug/kg	3500
Anthracene	9500	UJ	ug/kg	9500	9400	UJ	ug/kg	9400	3500	U	ug/kg	3500
Carbazole	9500	UJ	ug/kg	9500	9400	UJ	ug/kg	9400	3500	U	ug/kg	3500
Di-n-butylphthalate	9500	UJ	ug/kg	9500	9400	UJ	ug/kg	9400	3500	U	ug/kg	3500
Fluoranthene	9500	UJ	ug/kg	9500	9400	UJ	ug/kg	9400	3500	U	ug/kg	3500
Pyrene	9500	UJ	ug/kg	9500	9400	UJ	ug/kg	9400	3500	U	ug/kg	3500
Butylbenzylphthalate	9500	UJ	ug/kg	9500	9400	UJ	ug/kg	9400	3500	U	ug/kg	3500
3,3-Dichlorobenzidine	9500	UJ	ug/kg	9500	9400	UJ	ug/kg	9400	3500	U	ug/kg	3500
Benzo (a) anthracene	9500	UJ	ug/kg	9500	9400	UJ	ug/kg	9400	3500	U	ug/kg	3500
Chrysene	9500	UJ	ug/kg	9500	9400	UJ	ug/kg	9400	3500	U	ug/kg	3500
bis(2-Ethylhexyl) phthalate	9500	UJ	ug/kg	9500	9400	UJ	ug/kg	9400	3500	U	ug/kg	3500
Di-n-octylphthalate	9500	UJ	ug/kg	9500	9400	UJ	ug/kg	9400	3500	U	ug/kg	3500
Benzo (b) fluoranthene	9500	UJ	ug/kg	9500	9400	UJ	ug/kg	9400	3500	U	ug/kg	3500
Benzo (k) fluoranthene	9500	UJ	ug/kg	9500	9400	UJ	ug/kg	9400	3500	U	ug/kg	3500
Benzo (a) pyrene	9500	UJ	ug/kg	9500	9400	UJ	ug/kg	9400	3500	U	ug/kg	3500
Indeno (1,2,3-cd) pyrene	9500	UJ	ug/kg	9500	9400	UJ	ug/kg	9400	3500	U	ug/kg	3500
Dibenz (a,h) anthracene	9500	UJ	ug/kg	9500	9400	UJ	ug/kg	9400	3500	U	ug/kg	3500
Benzo (g,h,i) perylene	9500	UJ	ug/kg	9500	9400	UJ	ug/kg	9400	3500	U	ug/kg	3500
CLP PESTICIDES/PCBS 90-SOW	ug/kg											
CLP PESTICIDES/PCBS 90-SOW	ug/kg											

Lab Sample Number:		94015014				94015018				94015022			
Site		WHITING				WHITING				WHITING			
Locator		WR-SB01(20-22)				WR-SB02(20-22)				WR-SB03(20-22)			
Collect Date:		30-JUL-93				30-JUL-93				30-JUL-93			
		VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL
alpha-BHC		-		ug/kg		-		ug/kg		-		ug/kg	
beta-BHC		-		ug/kg		-		ug/kg		-		ug/kg	
delta-BHC		-		ug/kg		-		ug/kg		-		ug/kg	
gamma-BHC (Lindane)		-		ug/kg		-		ug/kg		-		ug/kg	
Heptachlor		-		ug/kg		-		ug/kg		-		ug/kg	
Aldrin		-		ug/kg		-		ug/kg		-		ug/kg	
Heptachlor epoxide		-		ug/kg		-		ug/kg		-		ug/kg	
Endosulfan I		-		ug/kg		-		ug/kg		-		ug/kg	
Dieldrin		-		ug/kg		-		ug/kg		-		ug/kg	
4,4-DDE		-		ug/kg		-		ug/kg		-		ug/kg	
Endrin		-		ug/kg		-		ug/kg		-		ug/kg	
Endosulfan II		-		ug/kg		-		ug/kg		-		ug/kg	
4,4-DDD		-		ug/kg		-		ug/kg		-		ug/kg	
Endosulfan sulfate		-		ug/kg		-		ug/kg		-		ug/kg	
4,4-DDT		-		ug/kg		-		ug/kg		-		ug/kg	
Methoxychlor		-		ug/kg		-		ug/kg		-		ug/kg	
Endrin ketone		-		ug/kg		-		ug/kg		-		ug/kg	
Endrin aldehyde		-		ug/kg		-		ug/kg		-		ug/kg	
alpha-Chlordane		-		ug/kg		-		ug/kg		-		ug/kg	
gamma-Chlordane		-		ug/kg		-		ug/kg		-		ug/kg	
Toxaphene		-		ug/kg		-		ug/kg		-		ug/kg	
Aroclor-1016		-		ug/kg		-		ug/kg		-		ug/kg	
Aroclor-1221		-		ug/kg		-		ug/kg		-		ug/kg	
Aroclor-1232		-		ug/kg		-		ug/kg		-		ug/kg	
Aroclor-1242		-		ug/kg		-		ug/kg		-		ug/kg	
Aroclor-1248		-		ug/kg		-		ug/kg		-		ug/kg	
Aroclor-1254		-		ug/kg		-		ug/kg		-		ug/kg	
Aroclor-1260		-		ug/kg		-		ug/kg		-		ug/kg	
CLP METALS AND CYANIDE	ug/kg												
CLP METALS AND CYANIDE	ug/kg												
Aluminum		-		ug/kg		-		ug/kg		-		ug/kg	
Antimony		-		ug/kg		-		ug/kg		-		ug/kg	
Arsenic		-		ug/kg		-		ug/kg		-		ug/kg	
Barium		-		ug/kg		-		ug/kg		-		ug/kg	
Beryllium		-		ug/kg		-		ug/kg		-		ug/kg	
Cadmium		-		ug/kg		-		ug/kg		-		ug/kg	
Calcium		-		ug/kg		-		ug/kg		-		ug/kg	
Chromium		1400	J	ug/kg	2000	8000		ug/kg	2000	2500		ug/kg	2000
Cobalt		-		ug/kg		-		ug/kg		-		ug/kg	
Copper		-		ug/kg		-		ug/kg		-		ug/kg	
Iron		-		ug/kg		-		ug/kg		-		ug/kg	
Lead		-		ug/kg		-		ug/kg		-		ug/kg	
Magnesium		-		ug/kg		-		ug/kg		-		ug/kg	
Manganese		-		ug/kg		-		ug/kg		-		ug/kg	
Mercury		-		ug/kg		-		ug/kg		-		ug/kg	
Nickel		-		ug/kg		-		ug/kg		-		ug/kg	
Potassium		-		ug/kg		-		ug/kg		-		ug/kg	
Selenium		-		ug/kg		-		ug/kg		-		ug/kg	
Silver		-		ug/kg		-		ug/kg		-		ug/kg	
Sodium		-		ug/kg		-		ug/kg		-		ug/kg	
Thallium		-		ug/kg		-		ug/kg		-		ug/kg	
Vanadium		-		ug/kg		-		ug/kg		-		ug/kg	

Lab Sample Number:	94015014				94015018				94015022		
Site	WHITING				WHITING				WHITING		
Locator	WR-SB01(20-22)				WR-SB02(20-22)				WR-SB03(20-22)		
Collect Date:	30-JUL-93				30-JUL-93				30-JUL-93		
	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL
Zinc	-		ug/kg		-		ug/kg		-		ug/kg	
Cyanide	-		ug/kg		-		ug/kg		-		ug/kg	

SITE 33

08/04/93 WHITING FIELD ANALYTICAL RESULT REPORT 16:36:55
SOIL BORINGS - VOLATILES - VALIDATED RESULTS

	34576002				34576001				34576003			
Lab Sample Number:												
Site	WHITING				WHITING				WHITING			
Locator	33SB1-10-12				33SB1-3-5				33SB1-25-27			
Collect Date:	03-DEC-92				03-DEC-92				03-DEC-92			
	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL
CLP VOLATILES 90-SOW												
Chloromethane	11	U	ug/kg	11	11	U	ug/kg	11	11	U	ug/kg	11
Bromomethane	11	U	ug/kg	11	11	U	ug/kg	11	11	U	ug/kg	11
Vinyl chloride	11	U	ug/kg	11	11	U	ug/kg	11	11	U	ug/kg	11
Chloroethane	11	U	ug/kg	11	11	U	ug/kg	11	11	U	ug/kg	11
Methylene chloride	11	UJ	ug/kg	11	11	UJ	ug/kg	11	11	UJ	ug/kg	11
Acetone	17	J	ug/kg	11	11	UJ	ug/kg	11	11	UJ	ug/kg	11
Carbon disulfide	11	U	ug/kg	11	11	U	ug/kg	11	11	U	ug/kg	11
1,1-Dichloroethene	11	U	ug/kg	11	11	U	ug/kg	11	11	U	ug/kg	11
1,1-Dichloroethane	11	U	ug/kg	11	11	U	ug/kg	11	11	U	ug/kg	11
1,2-Dichloroethene (total)	11	U	ug/kg	11	11	U	ug/kg	11	11	U	ug/kg	11
Chloroform	11	U	ug/kg	11	11	U	ug/kg	11	11	U	ug/kg	11
1,2-Dichloroethane	11	U	ug/kg	11	11	U	ug/kg	11	11	U	ug/kg	11
2-Butanone	11	U	ug/kg	11	11	U	ug/kg	11	11	U	ug/kg	11
1,1,1-Trichloroethane	11	U	ug/kg	11	11	U	ug/kg	11	11	U	ug/kg	11
Carbon tetrachloride	11	U	ug/kg	11	11	U	ug/kg	11	11	U	ug/kg	11
Bromodichloromethane	11	U	ug/kg	11	11	U	ug/kg	11	11	U	ug/kg	11
1,2-Dichloropropane	11	U	ug/kg	11	11	U	ug/kg	11	11	U	ug/kg	11
cis-1,3-Dichloropropene	11	U	ug/kg	11	11	U	ug/kg	11	11	U	ug/kg	11
Trichloroethene	11	U	ug/kg	11	11	U	ug/kg	11	11	U	ug/kg	11
Dibromochloromethane	11	U	ug/kg	11	11	U	ug/kg	11	11	U	ug/kg	11
1,1,2-Trichloroethane	11	U	ug/kg	11	11	U	ug/kg	11	11	U	ug/kg	11
Benzene	11	U	ug/kg	11	11	U	ug/kg	11	11	U	ug/kg	11
trans-1,3-Dichloropropene	11	U	ug/kg	11	11	U	ug/kg	11	11	U	ug/kg	11
Bromoform	11	U	ug/kg	11	11	U	ug/kg	11	11	U	ug/kg	11
4-Methyl-2-pentanone	11	U	ug/kg	11	11	U	ug/kg	11	11	U	ug/kg	11
2-Hexanone	11	U	ug/kg	11	11	U	ug/kg	11	11	U	ug/kg	11
Tetrachloroethene	11	U	ug/kg	11	11	U	ug/kg	11	11	U	ug/kg	11
Toluene	11	U	ug/kg	11	11	U	ug/kg	11	11	U	ug/kg	11
1,1,2,2-Tetrachloroethane	11	U	ug/kg	11	11	U	ug/kg	11	11	U	ug/kg	11
Chlorobenzene	11	U	ug/kg	11	11	U	ug/kg	11	11	U	ug/kg	11
Ethylbenzene	11	U	ug/kg	11	11	U	ug/kg	11	11	U	ug/kg	11
Styrene	11	U	ug/kg	11	11	U	ug/kg	11	11	U	ug/kg	11
Xylenes (total)	11	U	ug/kg	11	11	U	ug/kg	11	11	U	ug/kg	11

08/04/93 WHITING FIELD ANALYTICAL RESULT REPORT 16:37:34
SOIL BORINGS - VOLATILES - VALIDATED RESULTS

Lab Sample Number:	34553001				34553002				34553003				34553004			
Site	WHITING				WHITING				WHITING				WHITING			
Locator	33SB2-2-4				33SB2-5-7				33SB2-10-12				33SB2-15-17			
Collect Date:	01-DEC-92				01-DEC-92				01-DEC-92				01-DEC-92			
	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL
CLP VOLATILES 90-SOW																
Chloromethane	11	U	ug/kg	11	1400	U	ug/kg	1400	1400	U	ug/kg	1400	11	U	ug/kg	11
Bromomethane	11	U	ug/kg	11	1400	U	ug/kg	1400	1400	U	ug/kg	1400	11	U	ug/kg	11
Vinyl chloride	11	U	ug/kg	11	1400	U	ug/kg	1400	1400	U	ug/kg	1400	11	U	ug/kg	11
Chloroethane	11	U	ug/kg	11	1400	U	ug/kg	1400	1400	U	ug/kg	1400	11	U	ug/kg	11
Methylene chloride	15	UJ	ug/kg	11	1400	U	ug/kg	1400	1400	UJ	ug/kg	14	11	UJ	ug/kg	11
Acetone	11	UJ	ug/kg	11	1400	UJ	ug/kg	1400	1400	UJ	ug/kg	1400	150	J	ug/kg	11
Carbon disulfide	11	U	ug/kg	11	1400	U	ug/kg	1400	1400	U	ug/kg	1400	11	U	ug/kg	11
1,1-Dichloroethene	11	U	ug/kg	11	1400	U	ug/kg	1400	1400	U	ug/kg	1400	11	U	ug/kg	11
1,1-Dichloroethane	11	U	ug/kg	11	1400	U	ug/kg	1400	1400	U	ug/kg	1400	11	U	ug/kg	11
1,2-Dichloroethene (total)	11	U	ug/kg	11	1400	U	ug/kg	1400	1400	U	ug/kg	1400	11	U	ug/kg	11
Chloroform	11	U	ug/kg	11	1400	U	ug/kg	1400	1400	U	ug/kg	1400	11	U	ug/kg	11
1,2-Dichloroethane	11	U	ug/kg	11	1400	U	ug/kg	1400	1400	U	ug/kg	1400	11	U	ug/kg	11
2-Butanone	11	UJ	ug/kg	11	1400	UJ	ug/kg	14	1400	UJ	ug/kg	14	11	UJ	ug/kg	11
1,1,1-Trichloroethane	11	U	ug/kg	11	1400	U	ug/kg	1400	1400	U	ug/kg	1400	11	U	ug/kg	11
Carbon tetrachloride	11	U	ug/kg	11	1400	U	ug/kg	1400	1400	U	ug/kg	1400	11	U	ug/kg	11
Bromodichloromethane	11	U	ug/kg	11	1400	U	ug/kg	1400	1400	U	ug/kg	1400	11	U	ug/kg	11
1,2-Dichloropropane	11	U	ug/kg	11	1400	U	ug/kg	1400	1400	U	ug/kg	1400	11	U	ug/kg	11
cis-1,3-Dichloropropene	11	U	ug/kg	11	1400	U	ug/kg	1400	1400	U	ug/kg	1400	11	U	ug/kg	11
Trichloroethene	11	U	ug/kg	11	1400	U	ug/kg	1400	1400	U	ug/kg	1400	11	U	ug/kg	11
Dibromochloromethane	11	U	ug/kg	11	1400	U	ug/kg	1400	1400	U	ug/kg	1400	11	U	ug/kg	11
1,1,2-Trichloroethane	11	U	ug/kg	11	1400	U	ug/kg	1400	1400	U	ug/kg	1400	11	U	ug/kg	11
Benzene	11	U	ug/kg	11	1400	U	ug/kg	1400	1400	U	ug/kg	1400	11	U	ug/kg	11
trans-1,3-Dichloropropene	11	U	ug/kg	11	1400	U	ug/kg	1400	1400	U	ug/kg	1400	11	U	ug/kg	11
Bromoform	11	U	ug/kg	11	1400	U	ug/kg	1400	1400	U	ug/kg	1400	11	U	ug/kg	11
4-Methyl-2-pentanone	11	U	ug/kg	11	1400	U	ug/kg	1400	1400	U	ug/kg	1400	11	U	ug/kg	11
2-Hexanone	11	U	ug/kg	11	1400	UJ	ug/kg	1400	1400	UJ	ug/kg	1400	11	U	ug/kg	11
Tetrachloroethene	11	U	ug/kg	11	1400	U	ug/kg	1400	1400	U	ug/kg	1400	11	U	ug/kg	11
Toluene	11	U	ug/kg	11	1400	U	ug/kg	1400	1400	U	ug/kg	1400	11	U	ug/kg	11
1,1,2,2-Tetrachloroethane	11	U	ug/kg	11	1400	U	ug/kg	1400	1400	U	ug/kg	1400	11	U	ug/kg	11
Chlorobenzene	11	U	ug/kg	11	1400	U	ug/kg	1400	1400	U	ug/kg	1400	11	U	ug/kg	11
Ethylbenzene	11	U	ug/kg	11	1500		ug/kg	14	1400	U	ug/kg	1400	11	U	ug/kg	11
Styrene	11	U	ug/kg	11	1400	U	ug/kg	1400	1400	U	ug/kg	1400	11	U	ug/kg	11
Xylenes (total)	11	U	ug/kg	11	4800		ug/kg	14	380	J	ug/kg	14	11	U	ug/kg	11

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SOIL BORINGS - VOLATILES - VALIDATED RESULTS

Lab Sample Number:	34578001				34578002				34578001MS				34578001MS			
Site	WHITING				WHITING				WHITING				WHITING			
Locator	33SB2-35-37				33SB2-35-37A				33SB2-35-37MS				33SB2-35-37MSD			
Collect Date:	03-DEC-92				03-DEC-92				03-DEC-92				03-DEC-92			
	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL
CLP VOLATILES 90-SOW																
Chloromethane	11	U	ug/kg	11	11	U	ug/kg	11	11	U	ug/kg	11	11	U	ug/kg	11
Bromomethane	11	U	ug/kg	11	11	U	ug/kg	11	11	U	ug/kg	11	11	U	ug/kg	11
Vinyl chloride	11	U	ug/kg	11	11	U	ug/kg	11	11	U	ug/kg	11	11	U	ug/kg	11
Chloroethane	11	U	ug/kg	11	11	U	ug/kg	11	11	U	ug/kg	11	11	U	ug/kg	11
Methylene chloride	11	U	ug/kg	11	11	UJ	ug/kg	11	3	J	ug/kg	11	3	J	ug/kg	11
Acetone	14	J	ug/kg	11	11	UJ	ug/kg	11	15		ug/kg	11	13		ug/kg	11
Carbon disulfide	11	U	ug/kg	11	11	U	ug/kg	11	11	U	ug/kg	11	11	U	ug/kg	11
1,1-Dichloroethene	11	U	ug/kg	11	11	U	ug/kg	11	11	U	ug/kg	11	11	U	ug/kg	11
1,1-Dichloroethane	11	U	ug/kg	11	11	U	ug/kg	11	11	U	ug/kg	11	11	U	ug/kg	11
1,2-Dichloroethene (total)	11	U	ug/kg	11	11	U	ug/kg	11	11	U	ug/kg	11	11	U	ug/kg	11
Chloroform	11	U	ug/kg	11	11	U	ug/kg	11	11	U	ug/kg	11	11	U	ug/kg	11
1,2-Dichloroethane	11	U	ug/kg	11	11	U	ug/kg	11	11	U	ug/kg	11	11	U	ug/kg	11
2-Butanone	11	U	ug/kg	11	11	U	ug/kg	11	11	U	ug/kg	11	11	U	ug/kg	11
1,1,1-Trichloroethane	11	U	ug/kg	11	11	U	ug/kg	11	11	U	ug/kg	11	11	U	ug/kg	11
Carbon tetrachloride	11	U	ug/kg	11	11	U	ug/kg	11	11	U	ug/kg	11	11	U	ug/kg	11
Bromodichloromethane	11	U	ug/kg	11	11	U	ug/kg	11	11	U	ug/kg	11	11	U	ug/kg	11
1,2-Dichloropropane	11	U	ug/kg	11	11	U	ug/kg	11	11	U	ug/kg	11	11	U	ug/kg	11
cis-1,3-Dichloropropene	11	U	ug/kg	11	11	U	ug/kg	11	11	U	ug/kg	11	11	U	ug/kg	11
Trichloroethene	11	U	ug/kg	11	11	U	ug/kg	11	11	U	ug/kg	11	11	U	ug/kg	11
Dibromochloromethane	11	U	ug/kg	11	11	U	ug/kg	11	11	U	ug/kg	11	11	U	ug/kg	11
1,1,2-Trichloroethane	11	U	ug/kg	11	11	U	ug/kg	11	11	U	ug/kg	11	11	U	ug/kg	11
Benzene	11	U	ug/kg	11	11	U	ug/kg	11	11	U	ug/kg	11	11	U	ug/kg	11
trans-1,3-Dichloropropene	11	U	ug/kg	11	11	U	ug/kg	11	11	U	ug/kg	11	11	U	ug/kg	11
Bromoform	11	U	ug/kg	11	11	U	ug/kg	11	11	U	ug/kg	11	11	U	ug/kg	11
4-Methyl-2-pentanone	11	U	ug/kg	11	11	U	ug/kg	11	11	U	ug/kg	11	11	U	ug/kg	11
2-Hexanone	11	U	ug/kg	11	11	U	ug/kg	11	11	U	ug/kg	11	11	U	ug/kg	11
Tetrachloroethene	11	U	ug/kg	11	11	U	ug/kg	11	11	U	ug/kg	11	11	U	ug/kg	11
Toluene	11	U	ug/kg	11	11	U	ug/kg	11	11	U	ug/kg	11	11	U	ug/kg	11
1,1,2,2-Tetrachloroethane	11	U	ug/kg	11	11	U	ug/kg	11	11	U	ug/kg	11	11	U	ug/kg	11
Chlorobenzene	11	U	ug/kg	11	11	U	ug/kg	11	11	U	ug/kg	11	11	U	ug/kg	11
Ethylbenzene	11	U	ug/kg	11	11	U	ug/kg	11	11	U	ug/kg	11	11	U	ug/kg	11
Styrene	11	U	ug/kg	11	11	U	ug/kg	11	11	U	ug/kg	11	11	U	ug/kg	11
Xylenes (total)	11	U	ug/kg	11	11	U	ug/kg	11	11	U	ug/kg	11	11	U	ug/kg	11

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SOIL BORINGS - VOLATILES - VALIDATED RESULTS

	34576004				34576005				34576006				34576007			
Lab Sample Number:																
Site	WHITING				WHITING				WHITING				WHITING			
Locator	33SB2-60-62				33SB2-80-82				33SB2-95-97				33SB2-120-122			
Collect Date:	03-DEC-92				03-DEC-92				03-DEC-92				03-DEC-92			
	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL
CLP VOLATILES 90-SOW																
Chloromethane	11	U	ug/kg	11	11	U	ug/kg	11	10	U	ug/kg	10	12	U	ug/kg	12
Bromomethane	11	U	ug/kg	11	11	U	ug/kg	11	10	U	ug/kg	10	12	U	ug/kg	12
Vinyl chloride	11	U	ug/kg	11	11	U	ug/kg	11	10	U	ug/kg	10	12	U	ug/kg	12
Chloroethane	11	U	ug/kg	11	11	U	ug/kg	11	10	U	ug/kg	10	12	U	ug/kg	12
Methylene chloride	11	UJ	ug/kg	11	11	UJ	ug/kg	11	10	U	ug/kg	10	12	UJ	ug/kg	12
Acetone	40	J	ug/kg	11	11	UJ	ug/kg	11	3	J	ug/kg	10	12	UJ	ug/kg	12
Carbon disulfide	11	U	ug/kg	11	11	U	ug/kg	11	10	U	ug/kg	10	12	U	ug/kg	12
1,1-Dichloroethene	11	U	ug/kg	11	11	U	ug/kg	11	10	U	ug/kg	10	12	U	ug/kg	12
1,1-Dichloroethane	11	U	ug/kg	11	11	U	ug/kg	11	10	U	ug/kg	10	12	U	ug/kg	12
1,2-Dichloroethene (total)	11	U	ug/kg	11	11	U	ug/kg	11	10	U	ug/kg	10	12	U	ug/kg	12
Chloroform	11	U	ug/kg	11	11	U	ug/kg	11	10	U	ug/kg	10	12	U	ug/kg	12
1,2-Dichloroethane	11	U	ug/kg	11	11	U	ug/kg	11	10	U	ug/kg	10	12	U	ug/kg	12
2-Butanone	11	U	ug/kg	11	11	U	ug/kg	11	10	U	ug/kg	10	12	U	ug/kg	12
1,1,1-Trichloroethane	11	U	ug/kg	11	11	U	ug/kg	11	10	U	ug/kg	10	12	U	ug/kg	12
Carbon tetrachloride	11	U	ug/kg	11	11	U	ug/kg	11	10	U	ug/kg	10	12	U	ug/kg	12
Bromodichloromethane	11	U	ug/kg	11	11	U	ug/kg	11	10	U	ug/kg	10	12	U	ug/kg	12
1,2-Dichloropropane	11	U	ug/kg	11	11	U	ug/kg	11	10	U	ug/kg	10	12	U	ug/kg	12
cis-1,3-Dichloropropene	11	U	ug/kg	11	11	U	ug/kg	11	10	U	ug/kg	10	12	U	ug/kg	12
Trichloroethene	11	U	ug/kg	11	11	U	ug/kg	11	10	U	ug/kg	10	12	U	ug/kg	12
Dibromochloromethane	11	U	ug/kg	11	11	U	ug/kg	11	10	U	ug/kg	10	12	U	ug/kg	12
1,1,2-Trichloroethane	11	U	ug/kg	11	11	U	ug/kg	11	10	U	ug/kg	10	12	U	ug/kg	12
Benzene	11	U	ug/kg	11	11	U	ug/kg	11	10	U	ug/kg	10	12	U	ug/kg	12
trans-1,3-Dichloropropene	11	U	ug/kg	11	11	U	ug/kg	11	10	U	ug/kg	10	12	U	ug/kg	12
Bromoform	11	U	ug/kg	11	11	UJ	ug/kg	11	10	U	ug/kg	10	12	U	ug/kg	12
4-Methyl-2-pentanone	11	U	ug/kg	11	11	U	ug/kg	11	10	U	ug/kg	10	12	U	ug/kg	12
2-Hexanone	11	U	ug/kg	11	11	UJ	ug/kg	11	10	U	ug/kg	10	12	U	ug/kg	12
Tetrachloroethene	11	U	ug/kg	11	11	U	ug/kg	11	10	U	ug/kg	10	12	U	ug/kg	12
Toluene	11	U	ug/kg	11	11	U	ug/kg	11	10	U	ug/kg	10	12	U	ug/kg	12
1,1,2,2-Tetrachloroethane	11	U	ug/kg	11	11	U	ug/kg	11	10	U	ug/kg	10	12	U	ug/kg	12
Chlorobenzene	11	U	ug/kg	11	11	U	ug/kg	11	10	U	ug/kg	10	12	U	ug/kg	12
Ethylbenzene	11	U	ug/kg	11	11	U	ug/kg	11	10	U	ug/kg	10	12	U	ug/kg	12
Styrene	11	U	ug/kg	11	11	U	ug/kg	11	10	U	ug/kg	10	12	U	ug/kg	12
Xylenes (total)	11	U	ug/kg	11	11	U	ug/kg	11	10	U	ug/kg	10	12	U	ug/kg	12

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SOIL BORINGS - VOLATILES - VALIDATED RESULTS

Lab Sample Number:	34553006				34553005				34553007			
Site	WHITING				WHITING				WHITING			
Locator	33SB3-10-12				33SB3-4-6				33SB3-15-17			
Collect Date:	01-DEC-92				01-DEC-92				01-DEC-92			
	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL
CLP VOLATILES 90-SOW												
Chloromethane	11	U	ug/kg	11	11	U	ug/kg	11	11	U	ug/kg	11
Bromomethane	11	U	ug/kg	11	11	U	ug/kg	11	11	U	ug/kg	11
Vinyl chloride	11	U	ug/kg	11	11	U	ug/kg	11	11	U	ug/kg	11
Chloroethane	11	U	ug/kg	11	11	U	ug/kg	11	11	U	ug/kg	11
Methylene chloride	11	UJ	ug/kg	11	11	UJ	ug/kg	11	11	UJ	ug/kg	11
Acetone	5	J	ug/kg	11	3	J	ug/kg	11	35	J	ug/kg	11
Carbon disulfide	11	U	ug/kg	11	11	U	ug/kg	11	11	U	ug/kg	11
1,1-Dichloroethene	11	U	ug/kg	11	11	U	ug/kg	11	11	U	ug/kg	11
1,1-Dichloroethane	11	U	ug/kg	11	11	U	ug/kg	11	11	U	ug/kg	11
1,2-Dichloroethene (total)	11	U	ug/kg	11	11	U	ug/kg	11	11	U	ug/kg	11
Chloroform	11	U	ug/kg	11	11	U	ug/kg	11	11	U	ug/kg	11
1,2-Dichloroethane	11	U	ug/kg	11	11	U	ug/kg	11	11	U	ug/kg	11
2-Butanone	11	UJ	ug/kg	11	11	UJ	ug/kg	11	11	UJ	ug/kg	11
1,1,1-Trichloroethane	11	U	ug/kg	11	11	U	ug/kg	11	11	U	ug/kg	11
Carbon tetrachloride	11	U	ug/kg	11	11	U	ug/kg	11	11	U	ug/kg	11
Bromodichloromethane	11	U	ug/kg	11	11	U	ug/kg	11	11	U	ug/kg	11
1,2-Dichloropropane	11	U	ug/kg	11	11	U	ug/kg	11	11	U	ug/kg	11
cis-1,3-Dichloropropene	11	U	ug/kg	11	11	U	ug/kg	11	11	U	ug/kg	11
Trichloroethene	11	U	ug/kg	11	11	U	ug/kg	11	11	U	ug/kg	11
Dibromochloromethane	11	U	ug/kg	11	11	U	ug/kg	11	11	U	ug/kg	11
1,1,2-Trichloroethane	11	U	ug/kg	11	11	U	ug/kg	11	11	U	ug/kg	11
Benzene	11	U	ug/kg	11	11	U	ug/kg	11	11	U	ug/kg	11
trans-1,3-Dichloropropene	11	U	ug/kg	11	11	U	ug/kg	11	11	U	ug/kg	11
Bromoform	11	U	ug/kg	11	11	U	ug/kg	11	11	U	ug/kg	11
4-Methyl-2-pentanone	11	U	ug/kg	11	11	U	ug/kg	11	11	U	ug/kg	11
2-Hexanone	11	U	ug/kg	11	11	U	ug/kg	11	11	U	ug/kg	11
Tetrachloroethene	11	U	ug/kg	11	11	U	ug/kg	11	11	U	ug/kg	11
Toluene	11	U	ug/kg	11	11	U	ug/kg	11	11	U	ug/kg	11
1,1,2,2-Tetrachloroethane	11	U	ug/kg	11	11	U	ug/kg	11	11	U	ug/kg	11
Chlorobenzene	11	U	ug/kg	11	11	U	ug/kg	11	11	U	ug/kg	11
Ethylbenzene	11	U	ug/kg	11	11	U	ug/kg	11	11	U	ug/kg	11
Styrene	11	U	ug/kg	11	11	U	ug/kg	11	11	U	ug/kg	11
Xylenes (total)	11	U	ug/kg	11	11	U	ug/kg	11	11	U	ug/kg	11

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SOIL BORINGS - VOLATILES - VALIDATED RESULTS

Lab Sample Number:	34566001				34566002				34566003			
Site	WHITING				WHITING				WHITING			
Locator	33SB4-3-5				33SB4-5-7				33SB4-15-17			
Collect Date:	02-DEC-92				02-DEC-92				02-DEC-92			
	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL
CLP VOLATILES 90-SOW												
Chloromethane	11	U	ug/kg	11	11	U	ug/kg	11	11	U	ug/kg	11
Bromomethane	11	U	ug/kg	11	11	U	ug/kg	11	11	U	ug/kg	11
Vinyl chloride	11	U	ug/kg	11	11	U	ug/kg	11	11	U	ug/kg	11
Chloroethane	11	U	ug/kg	11	11	U	ug/kg	11	11	U	ug/kg	11
Methylene chloride	14	UJ	ug/kg	11	11	UJ	ug/kg	11	11	UJ	ug/kg	11
Acetone	11	UJ	ug/kg	11	11	UJ	ug/kg	11	11	UJ	ug/kg	11
Carbon disulfide	11	U	ug/kg	11	11	U	ug/kg	11	11	U	ug/kg	11
1,1-Dichloroethene	11	U	ug/kg	11	11	U	ug/kg	11	11	U	ug/kg	11
1,1-Dichloroethane	11	U	ug/kg	11	11	U	ug/kg	11	11	U	ug/kg	11
1,2-Dichloroethene (total)	11	U	ug/kg	11	11	U	ug/kg	11	11	U	ug/kg	11
Chloroform	11	U	ug/kg	11	11	U	ug/kg	11	11	U	ug/kg	11
1,2-Dichloroethane	11	U	ug/kg	11	11	U	ug/kg	11	11	U	ug/kg	11
2-Butanone	11	UJ	ug/kg	11	11	UJ	ug/kg	11	11	UJ	ug/kg	11
1,1,1-Trichloroethane	11	U	ug/kg	11	11	U	ug/kg	11	11	U	ug/kg	11
Carbon tetrachloride	11	U	ug/kg	11	11	U	ug/kg	11	11	U	ug/kg	11
Bromodichloromethane	11	U	ug/kg	11	11	U	ug/kg	11	11	U	ug/kg	11
1,2-Dichloropropane	11	U	ug/kg	11	11	U	ug/kg	11	11	U	ug/kg	11
cis-1,3-Dichloropropene	11	U	ug/kg	11	11	U	ug/kg	11	11	U	ug/kg	11
Trichloroethene	11	U	ug/kg	11	11	U	ug/kg	11	11	U	ug/kg	11
Dibromochloromethane	11	U	ug/kg	11	11	U	ug/kg	11	11	U	ug/kg	11
1,1,2-Trichloroethane	11	U	ug/kg	11	11	U	ug/kg	11	11	U	ug/kg	11
Benzene	11	U	ug/kg	11	11	U	ug/kg	11	11	U	ug/kg	11
trans-1,3-Dichloropropene	11	U	ug/kg	11	11	U	ug/kg	11	11	U	ug/kg	11
Bromoform	11	U	ug/kg	11	11	U	ug/kg	11	11	U	ug/kg	11
4-Methyl-2-pentanone	11	U	ug/kg	11	11	U	ug/kg	11	11	U	ug/kg	11
2-Hexanone	11	U	ug/kg	11	11	U	ug/kg	11	11	U	ug/kg	11
Tetrachloroethene	11	U	ug/kg	11	11	U	ug/kg	11	11	U	ug/kg	11
Toluene	11	U	ug/kg	11	11	U	ug/kg	11	11	U	ug/kg	11
1,1,2,2-Tetrachloroethane	11	U	ug/kg	11	11	U	ug/kg	11	11	U	ug/kg	11
Chlorobenzene	11	U	ug/kg	11	11	U	ug/kg	11	11	U	ug/kg	11
Ethylbenzene	11	U	ug/kg	11	11	U	ug/kg	11	11	U	ug/kg	11
Styrene	11	U	ug/kg	11	11	U	ug/kg	11	11	U	ug/kg	11
Xylenes (total)	11	U	ug/kg	11	11	U	ug/kg	11	11	U	ug/kg	11

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SOIL BORINGS - VOLATILES - VALIDATED RESULTS

Lab Sample Number:	34607001				34607001				34607002				34607002			
Site	WHITING				WHITING				WHITING				WHITING			
Locator	33SB5-0-2				33SB5-0-2				33SB5-0-2A				33SB5-0-2A			
Collect Date:	06-DEC-92				06-DEC-92				06-DEC-92				06-DEC-92			
	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL
CLP VOLATILES 90-SOW																
Chloromethane	12	U	ug/kg	12	-				12	U	ug/kg	12	-			
Bromomethane	12	U	ug/kg	12	-				12	U	ug/kg	12	-			
Vinyl chloride	12	U	ug/kg	12	-				12	U	ug/kg	12	-			
Chloroethane	12	U	ug/kg	12	-				12	U	ug/kg	12	-			
Methylene chloride	12	UJ	ug/kg	12	-				12	UJ	ug/kg	12	-			
Acetone	12	UJ	ug/kg	12	-				12	UJ	ug/kg	12	-			
Carbon disulfide	12	U	ug/kg	12	-				12	U	ug/kg	12	-			
1,1-Dichloroethene	12	U	ug/kg	12	-				12	U	ug/kg	12	-			
1,1-Dichloroethane	12	U	ug/kg	12	-				12	U	ug/kg	12	-			
1,2-Dichloroethene (total)	12	U	ug/kg	12	-				12	U	ug/kg	12	-			
Chloroform	12	U	ug/kg	12	-				12	U	ug/kg	12	-			
1,2-Dichloroethane	12	U	ug/kg	12	-				12	U	ug/kg	12	-			
2-Butanone	12	U	ug/kg	12	-				12	U	ug/kg	12	-			
1,1,1-Trichloroethane	12	U	ug/kg	12	-				12	U	ug/kg	12	-			
Carbon tetrachloride	12	U	ug/kg	12	-				12	U	ug/kg	12	-			
Bromodichloromethane	12	U	ug/kg	12	-				12	U	ug/kg	12	-			
1,2-Dichloropropane	12	U	ug/kg	12	-				12	U	ug/kg	12	-			
cis-1,3-Dichloropropene	12	U	ug/kg	12	-				12	U	ug/kg	12	-			
Trichloroethene	48		ug/kg	12	-				29		ug/kg	12	-			
Dibromochloromethane	12	U	ug/kg	12	-				12	U	ug/kg	12	-			
1,1,2-Trichloroethane	12	U	ug/kg	12	-				12	U	ug/kg	12	-			
Benzene	12	U	ug/kg	12	-				12	U	ug/kg	12	-			
trans-1,3-Dichloropropene	12	U	ug/kg	12	-				12	U	ug/kg	12	-			
Bromoform	12	U	ug/kg	12	-				12	U	ug/kg	12	-			
4-Methyl-2-pentanone	12	U	ug/kg	12	-				12	U	ug/kg	12	-			
2-Hexanone	12	U	ug/kg	12	-				12	U	ug/kg	12	-			
Tetrachloroethene	12	U	ug/kg	12	-				12	U	ug/kg	12	-			
Toluene	12	U	ug/kg	12	-				12	U	ug/kg	12	-			
1,1,2,2-Tetrachloroethane	12	U	ug/kg	12	-				12	U	ug/kg	12	-			
Chlorobenzene	12	U	ug/kg	12	-				12	U	ug/kg	12	-			
Ethylbenzene	12	U	ug/kg	12	-				12	U	ug/kg	12	-			
Styrene	12	U	ug/kg	12	-				12	U	ug/kg	12	-			
Xylenes (total)	12	U	ug/kg	12	-				11	J	ug/kg	12	-			

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SOIL BORINGS - VOLATILES - VALIDATED RESULTS

Lab Sample Number:	34607003				34607003				34607004				34607004			
Site	WHITING				WHITING				WHITING				WHITING			
Locator	33SB5-5-7				33SB5-5-7				33SB5-10-12				33SB5-10-12			
Collect Date:	06-DEC-92				06-DEC-92				06-DEC-92				06-DEC-92			
	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL
CLP VOLATILES 90-SOW																
Chloromethane	12	U	ug/kg	12	-				11	U	ug/kg	11	-			
Bromomethane	12	U	ug/kg	12	-				11	U	ug/kg	11	-			
Vinyl chloride	12	U	ug/kg	12	-				11	U	ug/kg	11	-			
Chloroethane	12	U	ug/kg	12	-				11	U	ug/kg	11	-			
Methylene chloride	12	UJ	ug/kg	12	-				11	UJ	ug/kg	11	-			
Acetone	12	UJ	ug/kg	12	-				11	UJ	ug/kg	11	-			
Carbon disulfide	12	U	ug/kg	12	-				11	U	ug/kg	11	-			
1,1-Dichloroethene	12	U	ug/kg	12	-				11	U	ug/kg	11	-			
1,1-Dichloroethane	12	U	ug/kg	12	-				11	U	ug/kg	11	-			
1,2-Dichloroethene (total)	12	U	ug/kg	12	-				11	U	ug/kg	11	-			
Chloroform	12	U	ug/kg	12	-				11	U	ug/kg	11	-			
1,2-Dichloroethane	12	U	ug/kg	12	-				11	U	ug/kg	11	-			
2-Butanone	12	U	ug/kg	12	-				11	U	ug/kg	11	-			
1,1,1-Trichloroethane	12	U	ug/kg	12	-				11	U	ug/kg	11	-			
Carbon tetrachloride	12	U	ug/kg	12	-				11	U	ug/kg	11	-			
Bromodichloromethane	12	U	ug/kg	12	-				11	U	ug/kg	11	-			
1,2-Dichloropropane	12	U	ug/kg	12	-				11	U	ug/kg	11	-			
cis-1,3-Dichloropropene	12	U	ug/kg	12	-				11	U	ug/kg	11	-			
Trichloroethene	12	U	ug/kg	12	-				11	U	ug/kg	11	-			
Dibromochloromethane	12	U	ug/kg	12	-				11	U	ug/kg	11	-			
1,1,2-Trichloroethane	12	U	ug/kg	12	-				11	U	ug/kg	11	-			
Benzene	12	U	ug/kg	12	-				11	U	ug/kg	11	-			
trans-1,3-Dichloropropene	12	U	ug/kg	12	-				11	U	ug/kg	11	-			
Bromoform	12	U	ug/kg	12	-				11	U	ug/kg	11	-			
4-Methyl-2-pentanone	12	U	ug/kg	12	-				11	U	ug/kg	11	-			
2-Hexanone	12	U	ug/kg	12	-				11	U	ug/kg	11	-			
Tetrachloroethene	12	U	ug/kg	12	-				11	U	ug/kg	11	-			
Toluene	12	U	ug/kg	12	-				11	U	ug/kg	11	-			
1,1,2,2-Tetrachloroethane	12	U	ug/kg	12	-				11	U	ug/kg	11	-			
Chlorobenzene	12	U	ug/kg	12	-				11	U	ug/kg	11	-			
Ethylbenzene	12	U	ug/kg	12	-				11	U	ug/kg	11	-			
Styrene	12	U	ug/kg	12	-				11	U	ug/kg	11	-			
Xylenes (total)	12	U	ug/kg	12	-				11	U	ug/kg	11	-			

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SOIL BORINGS - VOLATILES - VALIDATED RESULTS

Lab Sample Number:	34607005				34607005			
Site	WHITING				WHITING			
Locator	33SB5-20-22				33SB5-20-22			
Collect Date:	06-DEC-92				06-DEC-92			
	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL
CLP VOLATILES 90-SOW								
Chloromethane	11	U	ug/kg	11	-			
Bromomethane	11	U	ug/kg	11	-			
Vinyl chloride	11	U	ug/kg	11	-			
Chloroethane	11	U	ug/kg	11	-			
Methylene chloride	11	UJ	ug/kg	11	-			
Acetone	11	UJ	ug/kg	11	-			
Carbon disulfide	11	U	ug/kg	11	-			
1,1-Dichloroethene	11	U	ug/kg	11	-			
1,1-Dichloroethane	11	U	ug/kg	11	-			
1,2-Dichloroethene (total)	11	U	ug/kg	11	-			
Chloroform	11	U	ug/kg	11	-			
1,2-Dichloroethane	11	U	ug/kg	11	-			
2-Butanone	11	U	ug/kg	11	-			
1,1,1-Trichloroethane	11	U	ug/kg	11	-			
Carbon tetrachloride	11	U	ug/kg	11	-			
Bromodichloromethane	11	U	ug/kg	11	-			
1,2-Dichloropropane	11	U	ug/kg	11	-			
cis-1,3-Dichloropropene	11	U	ug/kg	11	-			
Trichloroethene	11	U	ug/kg	11	-			
Dibromochloromethane	11	U	ug/kg	11	-			
1,1,2-Trichloroethane	11	U	ug/kg	11	-			
Benzene	11	U	ug/kg	11	-			
trans-1,3-Dichloropropene	11	U	ug/kg	11	-			
Bromoform	11	U	ug/kg	11	-			
4-Methyl-2-pentanone	11	U	ug/kg	11	-			
2-Hexanone	11	U	ug/kg	11	-			
Tetrachloroethene	11	U	ug/kg	11	-			
Toluene	11	U	ug/kg	11	-			
1,1,2,2-Tetrachloroethane	11	U	ug/kg	11	-			
Chlorobenzene	11	U	ug/kg	11	-			
Ethylbenzene	11	U	ug/kg	11	-			
Styrene	11	U	ug/kg	11	-			
Xylenes (total)	11	U	ug/kg	11	-			

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SOIL BORINGS - VOLATILES - VALIDATED RESULTS

Lab Sample Number:	34553009				34553009				34566004				34553010		
Site	WHITING				WHITING				WHITING				WHITING		
Locator	33SBFB1				33SBFB1				33SBRB02				33SBRB1		
Collect Date:	01-DEC-92				01-DEC-92				02-DEC-92				01-DEC-92		
	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL
CLP VOLATILES 90-SOW																
Chloromethane	-				10	U	ug/l	10	10	U	ug/l	10	-			
Bromomethane	-				10	U	ug/l	10	10	U	ug/l	10	-			
Vinyl chloride	-				10	U	ug/l	10	10	U	ug/l	10	-			
Chloroethane	-				10	U	ug/l	10	10	U	ug/l	10	-			
Methylene chloride	-				4	J	ug/l	10	3	J	ug/l	10	-			
Acetone	-				10	U	ug/l	10	10	U	ug/l	10	-			
Carbon disulfide	-				10	U	ug/l	10	10	U	ug/l	10	-			
1,1-Dichloroethene	-				10	U	ug/l	10	10	U	ug/l	10	-			
1,1-Dichloroethane	-				10	U	ug/l	10	10	U	ug/l	10	-			
1,2-Dichloroethene (total)	-				10	U	ug/l	10	10	U	ug/l	10	-			
Chloroform	-				10	U	ug/l	10	10	U	ug/l	10	-			
1,2-Dichloroethane	-				10	U	ug/l	10	10	U	ug/l	10	-			
2-Butanone	-				10	U	ug/l	10	10	U	ug/l	10	-			
1,1,1-Trichloroethane	-				10	U	ug/l	10	10	U	ug/l	10	-			
Carbon tetrachloride	-				10	U	ug/l	10	10	U	ug/l	10	-			
Bromodichloromethane	-				10	U	ug/l	10	10	U	ug/l	10	-			
1,2-Dichloropropane	-				10	U	ug/l	10	10	U	ug/l	10	-			
cis-1,3-Dichloropropene	-				10	U	ug/l	10	10	U	ug/l	10	-			
Trichloroethene	-				10	U	ug/l	10	10	U	ug/l	10	-			
Dibromochloromethane	-				10	U	ug/l	10	10	U	ug/l	10	-			
1,1,2-Trichloroethane	-				10	U	ug/l	10	10	U	ug/l	10	-			
Benzene	-				10	U	ug/l	10	10	U	ug/l	10	-			
trans-1,3-Dichloropropene	-				10	U	ug/l	10	10	U	ug/l	10	-			
Bromoform	-				10	U	ug/l	10	10	U	ug/l	10	-			
4-Methyl-2-pentanone	-				10	U	ug/l	10	10	U	ug/l	10	-			
2-Hexanone	-				10	U	ug/l	10	10	U	ug/l	10	-			
Tetrachloroethene	-				10	U	ug/l	10	10	U	ug/l	10	-			
Toluene	-				10	U	ug/l	10	10	U	ug/l	10	-			
1,1,2,2-Tetrachloroethane	-				10	U	ug/l	10	10	U	ug/l	10	-			
Chlorobenzene	-				10	U	ug/l	10	10	U	ug/l	10	-			
Ethylbenzene	-				10	U	ug/l	10	10	U	ug/l	10	-			
Styrene	-				10	U	ug/l	10	10	U	ug/l	10	-			
Xylenes (total)	-				10	U	ug/l	10	10	U	ug/l	10	-			

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SOIL BORINGS - VOLATILES - VALIDATED RESULTS

Lab Sample Number:	34553010				34576008				34576008				34566005			
Site	WHITING				WHITING				WHITING				WHITING			
Locator	33SBRB1				33SBRB3				33SBRB3				33SBTB02			
Collect Date:	01-DEC-92				03-DEC-92				03-DEC-92				02-DEC-92			
	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL
CLP VOLATILES 90-SOW																
Chloromethane	10	U	ug/l	10	10	U	ug/l	10	-				10	U	ug/l	10
Bromomethane	10	U	ug/l	10	10	U	ug/l	10	-				10	U	ug/l	10
Vinyl chloride	10	U	ug/l	10	10	U	ug/l	10	-				10	U	ug/l	10
Chloroethane	10	U	ug/l	10	10	U	ug/l	10	-				10	U	ug/l	10
Methylene chloride	3	J	ug/l	10	1	J	ug/l	10	-				4	J	ug/l	10
Acetone	10	U	ug/l	10	10	U	ug/l	10	-				8	J	ug/l	10
Carbon disulfide	10	U	ug/l	10	10	U	ug/l	10	-				10	U	ug/l	10
1,1-Dichloroethene	10	U	ug/l	10	10	U	ug/l	10	-				10	U	ug/l	10
1,1-Dichloroethane	10	U	ug/l	10	10	U	ug/l	10	-				10	U	ug/l	10
1,2-Dichloroethene (total)	10	U	ug/l	10	10	U	ug/l	10	-				10	U	ug/l	10
Chloroform	10	U	ug/l	10	10	U	ug/l	10	-				10	U	ug/l	10
1,2-Dichloroethane	10	U	ug/l	10	10	U	ug/l	10	-				10	U	ug/l	10
2-Butanone	10	U	ug/l	10	10	U	ug/l	10	-				10	U	ug/l	10
1,1,1-Trichloroethane	10	U	ug/l	10	10	U	ug/l	10	-				10	U	ug/l	10
Carbon tetrachloride	10	U	ug/l	10	10	U	ug/l	10	-				10	U	ug/l	10
Bromodichloromethane	10	U	ug/l	10	10	U	ug/l	10	-				10	U	ug/l	10
1,2-Dichloropropane	10	U	ug/l	10	10	U	ug/l	10	-				10	U	ug/l	10
cis-1,3-Dichloropropene	10	U	ug/l	10	10	U	ug/l	10	-				10	U	ug/l	10
Trichloroethene	10	U	ug/l	10	10	U	ug/l	10	-				10	U	ug/l	10
Dibromochloromethane	10	U	ug/l	10	10	U	ug/l	10	-				10	U	ug/l	10
1,1,2-Trichloroethane	10	U	ug/l	10	10	U	ug/l	10	-				10	U	ug/l	10
Benzene	10	U	ug/l	10	10	U	ug/l	10	-				10	U	ug/l	10
trans-1,3-Dichloropropene	10	U	ug/l	10	10	U	ug/l	10	-				10	U	ug/l	10
Bromoform	10	U	ug/l	10	10	U	ug/l	10	-				10	U	ug/l	10
4-Methyl-2-pentanone	10	U	ug/l	10	10	U	ug/l	10	-				10	U	ug/l	10
2-Hexanone	10	U	ug/l	10	10	U	ug/l	10	-				10	U	ug/l	10
Tetrachloroethene	10	U	ug/l	10	10	U	ug/l	10	-				10	U	ug/l	10
Toluene	10	U	ug/l	10	10	U	ug/l	10	-				10	U	ug/l	10
1,1,2,2-Tetrachloroethane	10	U	ug/l	10	10	U	ug/l	10	-				10	U	ug/l	10
Chlorobenzene	10	U	ug/l	10	10	U	ug/l	10	-				10	U	ug/l	10
Ethylbenzene	10	U	ug/l	10	10	U	ug/l	10	-				10	U	ug/l	10
Styrene	10	U	ug/l	10	10	U	ug/l	10	-				10	U	ug/l	10
Xylenes (total)	10	U	ug/l	10	10	U	ug/l	10	-				10	U	ug/l	10

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SOIL BORINGS - VOLATILES - VALIDATED RESULTS

Lab Sample Number:	34576009				34553008			
Site	WHITING				WHITING			
Locator	33SBTB03				33SBTB1			
Collect Date:	03-DEC-92				01-DEC-92			
	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL
CLP VOLATILES 90-SOW								
Chloromethane	10	U	ug/l	10	10	U	ug/l	10
Bromomethane	10	U	ug/l	10	10	U	ug/l	10
Vinyl chloride	10	U	ug/l	10	10	U	ug/l	10
Chloroethane	10	U	ug/l	10	10	U	ug/l	10
Methylene chloride	6	J	ug/l	10	4	J	ug/l	10
Acetone	10	U	ug/l	10	10	U	ug/l	10
Carbon disulfide	10	U	ug/l	10	10	U	ug/l	10
1,1-Dichloroethene	10	U	ug/l	10	10	U	ug/l	10
1,1-Dichloroethane	10	U	ug/l	10	10	U	ug/l	10
1,2-Dichloroethene (total)	10	U	ug/l	10	10	U	ug/l	10
Chloroform	10	U	ug/l	10	10	U	ug/l	10
1,2-Dichloroethane	10	U	ug/l	10	10	U	ug/l	10
2-Butanone	10	U	ug/l	10	10	U	ug/l	10
1,1,1-Trichloroethane	10	U	ug/l	10	10	U	ug/l	10
Carbon tetrachloride	10	U	ug/l	10	10	U	ug/l	10
Bromodichloromethane	10	U	ug/l	10	10	U	ug/l	10
1,2-Dichloropropane	10	U	ug/l	10	10	U	ug/l	10
cis-1,3-Dichloropropene	10	U	ug/l	10	10	U	ug/l	10
Trichloroethene	10	U	ug/l	10	10	U	ug/l	10
Dibromochloromethane	10	U	ug/l	10	10	U	ug/l	10
1,1,2-Trichloroethane	10	U	ug/l	10	10	U	ug/l	10
Benzene	10	U	ug/l	10	10	U	ug/l	10
trans-1,3-Dichloropropene	10	U	ug/l	10	10	U	ug/l	10
Bromoform	10	U	ug/l	10	10	U	ug/l	10
4-Methyl-2-pentanone	10	U	ug/l	10	10	U	ug/l	10
2-Hexanone	10	U	ug/l	10	10	U	ug/l	10
Tetrachloroethene	10	U	ug/l	10	10	U	ug/l	10
Toluene	10	U	ug/l	10	10	U	ug/l	10
1,1,2,2-Tetrachloroethane	10	U	ug/l	10	10	U	ug/l	10
Chlorobenzene	10	U	ug/l	10	10	U	ug/l	10
Ethylbenzene	10	U	ug/l	10	10	U	ug/l	10
Styrene	10	U	ug/l	10	10	U	ug/l	10
Xylenes (total)	10	U	ug/l	10	10	U	ug/l	10

Lab Sample Number:	34576002				34576001				34576003			
Site	WHITING				WHITING				WHITING			
Locator	33SB1-10-12				33SB1-3-5				33SB1-25-27			
Collect Date:	03-DEC-92				03-DEC-92				03-DEC-92			
	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL
CLP SEMIVOLATILES 90-SOW												
Phenol	370	U	ug/kg	370	360	U	ug/kg	360	360	U	ug/kg	360
bis(2-Chloroethyl) ether	370	U	ug/kg	370	360	U	ug/kg	360	360	U	ug/kg	360
2-Chlorophenol	370	U	ug/kg	370	360	U	ug/kg	360	360	U	ug/kg	360
1,3-Dichlorobenzene	370	U	ug/kg	370	360	U	ug/kg	360	360	U	ug/kg	360
1,4-Dichlorobenzene	370	U	ug/kg	370	360	U	ug/kg	360	360	U	ug/kg	360
1,2-Dichlorobenzene	370	U	ug/kg	370	360	U	ug/kg	360	360	U	ug/kg	360
2-Methylphenol	370	U	ug/kg	370	360	U	ug/kg	360	360	U	ug/kg	360
2,2-oxybis(1-Chloropropane)	370	U	ug/kg	370	360	U	ug/kg	360	360	U	ug/kg	360
4-Methylphenol	370	U	ug/kg	370	360	U	ug/kg	360	360	U	ug/kg	360
N-Nitroso-di-n-propylamine	370	U	ug/kg	370	360	U	ug/kg	360	360	U	ug/kg	360
Hexachloroethane	370	U	ug/kg	370	360	U	ug/kg	360	360	U	ug/kg	360
Nitrobenzene	370	U	ug/kg	370	360	U	ug/kg	360	360	U	ug/kg	360
Isophorone	370	U	ug/kg	370	360	U	ug/kg	360	360	U	ug/kg	360
2-Nitrophenol	370	U	ug/kg	370	360	U	ug/kg	360	360	U	ug/kg	360
2,4-Dimethylphenol	370	U	ug/kg	370	360	U	ug/kg	360	360	U	ug/kg	360
bis(2-Chloroethoxy) methane	370	U	ug/kg	370	360	U	ug/kg	360	360	U	ug/kg	360
2,4-Dichlorophenol	370	U	ug/kg	370	360	U	ug/kg	360	360	U	ug/kg	360
1,2,4-Trichlorobenzene	370	U	ug/kg	370	360	U	ug/kg	360	360	U	ug/kg	360
Naphthalene	370	U	ug/kg	370	360	U	ug/kg	360	360	U	ug/kg	360
4-Chloroaniline	370	U	ug/kg	370	360	U	ug/kg	360	360	U	ug/kg	360
Hexachlorobutadiene	370	U	ug/kg	370	360	U	ug/kg	360	360	U	ug/kg	360
4-Chloro-3-methylphenol	370	U	ug/kg	370	360	U	ug/kg	360	360	U	ug/kg	360
2-Methylnaphthalene	370	U	ug/kg	370	360	U	ug/kg	360	360	U	ug/kg	360
Hexachlorocyclopentadiene	370	U	ug/kg	370	360	U	ug/kg	360	360	U	ug/kg	360
2,4,6-Trichlorophenol	370	U	ug/kg	370	360	U	ug/kg	360	360	U	ug/kg	360
2,4,5-Trichlorophenol	890	U	ug/kg	890	870	U	ug/kg	870	870	U	ug/kg	870
2-Chloronaphthalene	370	U	ug/kg	370	360	U	ug/kg	360	360	U	ug/kg	360
2-Nitroaniline	890	U	ug/kg	890	870	U	ug/kg	870	870	U	ug/kg	870
Dimethylphthalate	370	U	ug/kg	370	360	U	ug/kg	360	360	U	ug/kg	360
Acenaphthylene	370	U	ug/kg	370	360	U	ug/kg	360	360	U	ug/kg	360
2,6-Dinitrotoluene	370	U	ug/kg	370	360	U	ug/kg	360	360	U	ug/kg	360
3-Nitroaniline	890	UJ	ug/kg	890	870	UJ	ug/kg	870	870	UJ	ug/kg	870
Acenaphthene	370	U	ug/kg	370	360	U	ug/kg	360	360	U	ug/kg	360
2,4-Dinitrophenol	890	U	ug/kg	890	870	U	ug/kg	870	870	U	ug/kg	870
4-Nitrophenol	890	U	ug/kg	890	870	U	ug/kg	870	870	U	ug/kg	870
Dibenzofuran	370	U	ug/kg	370	360	U	ug/kg	360	360	U	ug/kg	360
2,4-Dinitrotoluene	370	U	ug/kg	370	360	U	ug/kg	360	360	U	ug/kg	360
Diethylphthalate	370	U	ug/kg	370	360	U	ug/kg	360	360	U	ug/kg	360
4-Chlorophenyl-phenylether	370	U	ug/kg	370	360	U	ug/kg	360	360	U	ug/kg	360
Fluorene	370	U	ug/kg	370	360	U	ug/kg	360	360	U	ug/kg	360
4-Nitroaniline	890	U	ug/kg	890	870	U	ug/kg	870	870	U	ug/kg	870
4,6-Dinitro-2-methylphenol	890	U	ug/kg	890	870	U	ug/kg	870	870	U	ug/kg	870
N-Nitrosodiphenylamine (1)	370	U	ug/kg	370	360	U	ug/kg	360	360	U	ug/kg	360
4-Bromophenyl-phenylether	370	U	ug/kg	370	360	U	ug/kg	360	360	U	ug/kg	360
Hexachlorobenzene	370	U	ug/kg	370	360	U	ug/kg	360	360	U	ug/kg	360
Pentachlorophenol	890	U	ug/kg	890	870	U	ug/kg	870	870	U	ug/kg	870
Phenanthrene	370	U	ug/kg	370	360	U	ug/kg	360	360	U	ug/kg	360
Anthracene	370	U	ug/kg	370	360	U	ug/kg	360	360	U	ug/kg	360
Carbazole	370	U	ug/kg	370	360	U	ug/kg	360	360	U	ug/kg	360
Di-n-butylphthalate	370	UJ	ug/kg	370	360	UJ	ug/kg	360	360	UJ	ug/kg	360
Fluoranthene	370	U	ug/kg	370	360	U	ug/kg	360	360	U	ug/kg	360
Pyrene	370	U	ug/kg	370	360	U	ug/kg	360	360	U	ug/kg	360
Butylbenzylphthalate	370	U	ug/kg	370	360	U	ug/kg	360	37	J	ug/kg	360

Lab Sample Number:	34576002				34576001				34576003			
Site	WHITING				WHITING				WHITING			
Locator	33SB1-10-12				33SB1-3-5				33SB1-25-27			
Collect Date:	03-DEC-92				03-DEC-92				03-DEC-92			
	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL
3,3-Dichlorobenzidine	370	U	ug/kg	370	360	U	ug/kg	360	360	U	ug/kg	360
Benzo (a) anthracene	370	U	ug/kg	370	360	U	ug/kg	360	360	U	ug/kg	360
Chrysene	370	U	ug/kg	370	360	U	ug/kg	360	360	U	ug/kg	360
bis(2-Ethylhexyl) phthalate	370	UJ	ug/kg	370	360	UJ	ug/kg	360	360	UJ	ug/kg	360
Di-n-octylphthalate	370	U	ug/kg	370	360	U	ug/kg	360	360	U	ug/kg	360
Benzo (b) fluoranthene	370	U	ug/kg	370	360	U	ug/kg	360	360	U	ug/kg	360
Benzo (k) fluoranthene	370	U	ug/kg	370	360	U	ug/kg	360	360	U	ug/kg	360
Benzo (a) pyrene	370	U	ug/kg	370	360	U	ug/kg	360	360	U	ug/kg	360
Indeno (1,2,3-cd) pyrene	370	U	ug/kg	370	360	U	ug/kg	360	360	U	ug/kg	360
Dibenz (a,h) anthracene	370	U	ug/kg	370	360	U	ug/kg	360	360	U	ug/kg	360
Benzo (g,h,i) perylene	370	U	ug/kg	370	360	U	ug/kg	360	360	U	ug/kg	360

Lab Sample Number:	34553001				34553002				34553003				34553004			
Site	WHITING				WHITING				WHITING				WHITING			
Locator	33SB2-2-4				33SB2-5-7				33SB2-10-12				33SB2-15-17			
Collect Date:	01-DEC-92				01-DEC-92				01-DEC-92				01-DEC-92			
	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL
CLP SEMIVOLATILES 90-SOW																
Phenol	370	U	ug/kg	370	370	U	ug/kg	370	370	U	ug/kg	370	370	U	ug/kg	370
bis(2-Chloroethyl) ether	370	U	ug/kg	370	370	U	ug/kg	370	370	U	ug/kg	370	370	U	ug/kg	370
2-Chlorophenol	370	U	ug/kg	370	370	U	ug/kg	370	370	U	ug/kg	370	370	U	ug/kg	370
1,3-Dichlorobenzene	370	U	ug/kg	370	370	U	ug/kg	370	370	U	ug/kg	370	370	U	ug/kg	370
1,4-Dichlorobenzene	370	U	ug/kg	370	370	U	ug/kg	370	370	U	ug/kg	370	370	U	ug/kg	370
1,2-Dichlorobenzene	370	U	ug/kg	370	370	U	ug/kg	370	370	U	ug/kg	370	370	U	ug/kg	370
2-Methylphenol	370	U	ug/kg	370	370	U	ug/kg	370	370	U	ug/kg	370	370	U	ug/kg	370
2,2-oxybis(1-Chloropropane)	370	U	ug/kg	370	370	U	ug/kg	370	370	U	ug/kg	370	370	UJ	ug/kg	370
4-Methylphenol	370	U	ug/kg	370	370	U	ug/kg	370	370	U	ug/kg	370	370	U	ug/kg	370
N-Nitroso-di-n-propylamine	370	U	ug/kg	370	370	U	ug/kg	370	370	U	ug/kg	370	370	U	ug/kg	370
Hexachloroethane	370	U	ug/kg	370	370	U	ug/kg	370	370	U	ug/kg	370	370	U	ug/kg	370
Nitrobenzene	370	U	ug/kg	370	370	U	ug/kg	370	370	U	ug/kg	370	370	U	ug/kg	370
Isophorone	370	U	ug/kg	370	370	U	ug/kg	370	370	U	ug/kg	370	370	U	ug/kg	370
2-Nitrophenol	370	U	ug/kg	370	370	U	ug/kg	370	370	U	ug/kg	370	370	U	ug/kg	370
2,4-Dimethylphenol	370	U	ug/kg	370	370	U	ug/kg	370	370	U	ug/kg	370	370	U	ug/kg	370
bis(2-Chloroethoxy) methane	370	U	ug/kg	370	370	U	ug/kg	370	370	U	ug/kg	370	370	U	ug/kg	370
2,4-Dichlorophenol	370	U	ug/kg	370	370	U	ug/kg	370	370	U	ug/kg	370	370	U	ug/kg	370
1,2,4-Trichlorobenzene	370	U	ug/kg	370	370	U	ug/kg	370	370	U	ug/kg	370	370	U	ug/kg	370
Naphthalene	370	U	ug/kg	370	610		ug/kg	380	370	J	ug/kg	380	370	U	ug/kg	370
4-Chloroaniline	370	UJ	ug/kg	370	370	UJ	ug/kg	370	370	UJ	ug/kg	370	370	U	ug/kg	370
Hexachlorobutadiene	370	U	ug/kg	370	370	U	ug/kg	370	370	U	ug/kg	370	370	U	ug/kg	370
4-Chloro-3-methylphenol	370	U	ug/kg	370	370	U	ug/kg	370	370	U	ug/kg	370	370	U	ug/kg	370
2-Methylnaphthalene	370	U	ug/kg	370	2100		ug/kg	380	370	U	ug/kg	370	370	U	ug/kg	370
Hexachlorocyclopentadiene	370	U	ug/kg	370	370	U	ug/kg	370	370	U	ug/kg	370	370	U	ug/kg	370
2,4,6-Trichlorophenol	370	U	ug/kg	370	370	U	ug/kg	370	370	U	ug/kg	370	370	U	ug/kg	370
2,4,5-Trichlorophenol	900	U	ug/kg	900	910	U	ug/kg	910	910	U	ug/kg	910	890	U	ug/kg	890
2-Chloronaphthalene	370	U	ug/kg	370	370	U	ug/kg	370	370	U	ug/kg	370	370	U	ug/kg	370
2-Nitroaniline	900	U	ug/kg	900	910	U	ug/kg	910	910	U	ug/kg	910	890	U	ug/kg	890
Dimethylphthalate	370	U	ug/kg	370	370	U	ug/kg	370	370	U	ug/kg	370	370	U	ug/kg	370
Acenaphthylene	370	U	ug/kg	370	370	U	ug/kg	370	370	U	ug/kg	370	370	U	ug/kg	370
2,6-Dinitrotoluene	370	U	ug/kg	370	370	U	ug/kg	370	370	U	ug/kg	370	370	U	ug/kg	370
3-Nitroaniline	900	UJ	ug/kg	900	910	UJ	ug/kg	910	910	UJ	ug/kg	910	890	U	ug/kg	890
Acenaphthene	370	U	ug/kg	370	370	U	ug/kg	370	370	U	ug/kg	370	370	U	ug/kg	370
2,4-Dinitrophenol	900	UJ	ug/kg	900	910	UJ	ug/kg	910	910	UJ	ug/kg	910	890	U	ug/kg	890
4-Nitrophenol	900	UJ	ug/kg	900	910	UJ	ug/kg	910	910	UJ	ug/kg	910	890	U	ug/kg	890
Dibenzofuran	370	U	ug/kg	370	370	U	ug/kg	370	370	U	ug/kg	370	370	U	ug/kg	370
2,4-Dinitrotoluene	370	U	ug/kg	370	370	U	ug/kg	370	370	U	ug/kg	370	370	U	ug/kg	370
Diethylphthalate	370	U	ug/kg	370	370	U	ug/kg	370	370	U	ug/kg	370	370	U	ug/kg	370
4-Chlorophenyl-phenylether	370	U	ug/kg	370	370	U	ug/kg	370	370	U	ug/kg	370	370	U	ug/kg	370
Fluorene	370	U	ug/kg	370	370	U	ug/kg	370	150	J	ug/kg	380	370	U	ug/kg	370
4-Nitroaniline	900	UJ	ug/kg	900	910	UJ	ug/kg	910	910	UJ	ug/kg	910	890	U	ug/kg	890
4,6-Dinitro-2-methylphenol	900	U	ug/kg	900	910	U	ug/kg	910	910	U	ug/kg	910	890	U	ug/kg	890
N-Nitrosodiphenylamine (1)	370	U	ug/kg	370	370	U	ug/kg	370	370	U	ug/kg	370	370	U	ug/kg	370
4-Bromophenyl-phenylether	370	U	ug/kg	370	370	U	ug/kg	370	370	U	ug/kg	370	370	U	ug/kg	370
Hexachlorobenzene	370	U	ug/kg	370	370	U	ug/kg	370	370	U	ug/kg	370	370	U	ug/kg	370
Pentachlorophenol	900	U	ug/kg	900	910	U	ug/kg	910	910	U	ug/kg	910	890	U	ug/kg	890
Phenanthrene	370	U	ug/kg	370	240	J	ug/kg	380	69	J	ug/kg	380	370	U	ug/kg	370
Anthracene	370	U	ug/kg	370	370	U	ug/kg	370	370	U	ug/kg	370	370	U	ug/kg	370
Carbazole	370	U	ug/kg	370	370	U	ug/kg	370	370	U	ug/kg	370	370	U	ug/kg	370
Di-n-butylphthalate	370	U	ug/kg	370	370	U	ug/kg	370	370	U	ug/kg	370	370	U	ug/kg	370
Fluoranthene	370	U	ug/kg	370	370	U	ug/kg	370	370	U	ug/kg	370	370	U	ug/kg	370
Pyrene	370	U	ug/kg	370	40	J	ug/kg	380	370	U	ug/kg	370	370	U	ug/kg	370
Butylbenzylphthalate	370	UJ	ug/kg	370	370	UJ	ug/kg	370	370	UJ	ug/kg	370	370	U	ug/kg	370

	34553001				34553002				34553003				34553004			
Lab Sample Number:																
Site	WHITING				WHITING				WHITING				WHITING			
Locator	33SB2-2-4				33SB2-5-7				33SB2-10-12				33SB2-15-17			
Collect Date:	01-DEC-92				01-DEC-92				01-DEC-92				01-DEC-92			
	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL
3,3-Dichlorobenzidine	370	U	ug/kg	370	370	U	ug/kg	370	370	U	ug/kg	370	370	U	ug/kg	370
Benzo (a) anthracene	370	U	ug/kg	370	370	U	ug/kg	370	370	U	ug/kg	370	370	U	ug/kg	370
Chrysene	370	U	ug/kg	370	370	U	ug/kg	370	370	U	ug/kg	370	370	U	ug/kg	370
bis(2-Ethylhexyl) phthalate	61	J	ug/kg	370	370	UJ	ug/kg	370	370	UJ	ug/kg	370	370	U	ug/kg	370
Di-n-octylphthalate	370	UJ	ug/kg	370	370	UJ	ug/kg	370	370	UJ	ug/kg	370	370	U	ug/kg	370
Benzo (b) fluoranthene	370	U	ug/kg	370	370	U	ug/kg	370	370	U	ug/kg	370	370	U	ug/kg	370
Benzo (k) fluoranthene	370	U	ug/kg	370	370	U	ug/kg	370	370	U	ug/kg	370	370	U	ug/kg	370
Benzo (a) pyrene	370	U	ug/kg	370	370	U	ug/kg	370	370	U	ug/kg	370	370	U	ug/kg	370
Indeno (1,2,3-cd) pyrene	370	U	ug/kg	370	370	U	ug/kg	370	370	U	ug/kg	370	370	U	ug/kg	370
Dibenz (a,h) anthracene	370	U	ug/kg	370	370	U	ug/kg	370	370	U	ug/kg	370	370	U	ug/kg	370
Benzo (g,h,i) perylene	370	U	ug/kg	370	370	U	ug/kg	370	370	U	ug/kg	370	370	U	ug/kg	370

Lab Sample Number:	34578001				34578002				34578001MS				34578001MS			
Site	WHITING				WHITING				WHITING				WHITING			
Locator	33SB2-35-37				33SB2-35-37A				33SB2-35-37MS				33SB2-35-37MSD			
Collect Date:	03-DEC-92				03-DEC-92				03-DEC-92				03-DEC-92			
	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL
CLP SEMIVOLATILES 90-SOW																
Phenol	350	U	ug/kg	350	350	U	ug/kg	350	350	U	ug/kg	350	350	U	ug/kg	350
bis(2-Chloroethyl) ether	350	U	ug/kg	350	350	U	ug/kg	350	350	U	ug/kg	350	350	U	ug/kg	350
2-Chlorophenol	350	U	ug/kg	350	350	U	ug/kg	350	350	U	ug/kg	350	350	U	ug/kg	350
1,3-Dichlorobenzene	350	U	ug/kg	350	350	U	ug/kg	350	350	U	ug/kg	350	350	U	ug/kg	350
1,4-Dichlorobenzene	350	U	ug/kg	350	350	U	ug/kg	350	350	U	ug/kg	350	350	U	ug/kg	350
1,2-Dichlorobenzene	350	U	ug/kg	350	350	U	ug/kg	350	350	U	ug/kg	350	350	U	ug/kg	350
2-Methylphenol	350	U	ug/kg	350	350	U	ug/kg	350	350	U	ug/kg	350	350	U	ug/kg	350
2,2-oxybis(1-Chloropropane)	350	U	ug/kg	350	350	U	ug/kg	350	350	U	ug/kg	350	350	U	ug/kg	350
4-Methylphenol	350	U	ug/kg	350	350	U	ug/kg	350	350	U	ug/kg	350	350	U	ug/kg	350
N-Nitroso-di-n-propylamine	350	U	ug/kg	350	350	U	ug/kg	350	350	U	ug/kg	350	350	U	ug/kg	350
Hexachloroethane	350	U	ug/kg	350	350	U	ug/kg	350	350	U	ug/kg	350	350	U	ug/kg	350
Nitrobenzene	350	U	ug/kg	350	350	U	ug/kg	350	350	U	ug/kg	350	350	U	ug/kg	350
Isophorone	350	U	ug/kg	350	350	U	ug/kg	350	350	U	ug/kg	350	350	U	ug/kg	350
2-Nitrophenol	350	U	ug/kg	350	350	U	ug/kg	350	350	U	ug/kg	350	350	U	ug/kg	350
2,4-Dimethylphenol	350	U	ug/kg	350	350	U	ug/kg	350	350	U	ug/kg	350	350	U	ug/kg	350
bis(2-Chloroethoxy) methane	350	U	ug/kg	350	350	U	ug/kg	350	350	U	ug/kg	350	350	U	ug/kg	350
2,4-Dichlorophenol	350	U	ug/kg	350	350	U	ug/kg	350	350	U	ug/kg	350	350	U	ug/kg	350
1,2,4-Trichlorobenzene	350	U	ug/kg	350	350	U	ug/kg	350	350	U	ug/kg	350	350	U	ug/kg	350
Naphthalene	350	U	ug/kg	350	350	U	ug/kg	350	350	U	ug/kg	350	350	U	ug/kg	350
4-Chloroaniline	350	U	ug/kg	350	350	U	ug/kg	350	350	U	ug/kg	350	350	U	ug/kg	350
Hexachlorobutadiene	350	U	ug/kg	350	350	U	ug/kg	350	350	U	ug/kg	350	350	U	ug/kg	350
4-Chloro-3-methylphenol	350	U	ug/kg	350	350	U	ug/kg	350	350	U	ug/kg	350	350	U	ug/kg	350
2-Methylnaphthalene	350	U	ug/kg	350	350	U	ug/kg	350	350	U	ug/kg	350	350	U	ug/kg	350
Hexachlorocyclopentadiene	350	U	ug/kg	350	350	U	ug/kg	350	350	U	ug/kg	350	350	U	ug/kg	350
2,4,6-Trichlorophenol	350	U	ug/kg	350	350	U	ug/kg	350	350	U	ug/kg	350	350	U	ug/kg	350
2,4,5-Trichlorophenol	850	U	ug/kg	850	850	U	ug/kg	850	850	U	ug/kg	850	850	U	ug/kg	850
2-Chloronaphthalene	350	U	ug/kg	350	350	U	ug/kg	350	350	U	ug/kg	350	350	U	ug/kg	350
2-Nitroaniline	850	U	ug/kg	850	850	U	ug/kg	850	850	U	ug/kg	850	850	U	ug/kg	850
Dimethylphthalate	350	U	ug/kg	350	350	U	ug/kg	350	350	U	ug/kg	350	350	U	ug/kg	350
Acenaphthylene	350	U	ug/kg	350	350	U	ug/kg	350	350	U	ug/kg	350	350	U	ug/kg	350
2,6-Dinitrotoluene	350	U	ug/kg	350	350	U	ug/kg	350	350	U	ug/kg	350	350	U	ug/kg	350
3-Nitroaniline	850	U	ug/kg	850	850	U	ug/kg	850	850	U	ug/kg	850	850	U	ug/kg	850
Acenaphthene	350	U	ug/kg	350	350	U	ug/kg	350	350	U	ug/kg	350	350	U	ug/kg	350
2,4-Dinitrophenol	850	U	ug/kg	850	850	U	ug/kg	850	850	U	ug/kg	850	850	U	ug/kg	850
4-Nitrophenol	850	U	ug/kg	850	850	U	ug/kg	850	850	U	ug/kg	850	850	U	ug/kg	850
Dibenzofuran	350	U	ug/kg	350	350	U	ug/kg	350	350	U	ug/kg	350	350	U	ug/kg	350
2,4-Dinitrotoluene	350	U	ug/kg	350	350	U	ug/kg	350	350	U	ug/kg	350	350	U	ug/kg	350
Diethylphthalate	350	U	ug/kg	350	350	U	ug/kg	350	350	U	ug/kg	350	350	U	ug/kg	350
4-Chlorophenyl-phenylether	350	U	ug/kg	350	350	U	ug/kg	350	350	U	ug/kg	350	350	U	ug/kg	350
Fluorene	350	U	ug/kg	350	350	U	ug/kg	350	350	U	ug/kg	350	350	U	ug/kg	350
4-Nitroaniline	850	U	ug/kg	850	850	U	ug/kg	850	850	U	ug/kg	850	850	U	ug/kg	850
4,6-Dinitro-2-methylphenol	850	U	ug/kg	850	850	U	ug/kg	850	850	U	ug/kg	850	850	U	ug/kg	850
N-Nitrosodiphenylamine (1)	350	U	ug/kg	350	350	U	ug/kg	350	350	U	ug/kg	350	350	U	ug/kg	350
4-Bromophenyl-phenylether	350	U	ug/kg	350	350	U	ug/kg	350	350	U	ug/kg	350	350	U	ug/kg	350
Hexachlorobenzene	350	U	ug/kg	350	350	U	ug/kg	350	350	U	ug/kg	350	350	U	ug/kg	350
Pentachlorophenol	850	U	ug/kg	850	850	U	ug/kg	850	850	U	ug/kg	850	850	U	ug/kg	850
Phenanthrene	350	U	ug/kg	350	350	U	ug/kg	350	350	U	ug/kg	350	350	U	ug/kg	350
Anthracene	350	U	ug/kg	350	350	U	ug/kg	350	350	U	ug/kg	350	350	U	ug/kg	350
Carbazole	350	U	ug/kg	350	350	U	ug/kg	350	350	U	ug/kg	350	350	U	ug/kg	350
Di-n-butylphthalate	900	UJ	ug/kg	350	1600	UJ	ug/kg	350	1200		ug/kg	350	1200		ug/kg	350
Fluoranthene	350	U	ug/kg	350	350	U	ug/kg	350	350	U	ug/kg	350	350	U	ug/kg	350
Pyrene	350	U	ug/kg	350	350	U	ug/kg	350	350	U	ug/kg	350	350	U	ug/kg	350

Lab Sample Number:	34578001				34578002				34578001MS				34578001MS			
Site	WHITING				WHITING				WHITING				WHITING			
Locator	33SB2-35-37				33SB2-35-37A				33SB2-35-37MS				33SB2-35-37MSD			
Collect Date:	03-DEC-92				03-DEC-92				03-DEC-92				03-DEC-92			
	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL
Butylbenzylphthalate	350	U	ug/kg	350	350	U	ug/kg	350	350	U	ug/kg	350	350	U	ug/kg	350
3,3-Dichlorobenzidine	350	U	ug/kg	350	350	U	ug/kg	350	350	U	ug/kg	350	350	U	ug/kg	350
Benzo (a) anthracene	350	U	ug/kg	350	350	U	ug/kg	350	350	U	ug/kg	350	350	U	ug/kg	350
Chrysene	350	U	ug/kg	350	350	U	ug/kg	350	350	U	ug/kg	350	350	U	ug/kg	350
bis(2-Ethylhexyl) phthalate	350	U	ug/kg	350	350	U	ug/kg	350	350	U	ug/kg	350	350	U	ug/kg	350
Di-n-octylphthalate	350	U	ug/kg	350	350	U	ug/kg	350	350	U	ug/kg	350	350	U	ug/kg	350
Benzo (b) fluoranthene	350	U	ug/kg	350	350	U	ug/kg	350	350	U	ug/kg	350	350	U	ug/kg	350
Benzo (k) fluoranthene	350	U	ug/kg	350	350	U	ug/kg	350	350	U	ug/kg	350	350	U	ug/kg	350
Benzo (a) pyrene	350	U	ug/kg	350	350	U	ug/kg	350	350	U	ug/kg	350	350	U	ug/kg	350
Indeno (1,2,3-cd) pyrene	350	U	ug/kg	350	350	U	ug/kg	350	350	U	ug/kg	350	350	U	ug/kg	350
Dibenz (a,h) anthracene	350	U	ug/kg	350	350	U	ug/kg	350	350	U	ug/kg	350	350	U	ug/kg	350
Benzo (g,h,i) perylene	350	U	ug/kg	350	350	U	ug/kg	350	350	U	ug/kg	350	350	U	ug/kg	350

Lab Sample Number:	34576004				34576005				34576006				34576007			
Site	WHITING				WHITING				WHITING				WHITING			
Locator	33SB2-60-62				33SB2-80-82				33SB2-95-97				33SB2-120-122			
Collect Date:	03-DEC-92				03-DEC-92				03-DEC-92				03-DEC-92			
	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL
CLP SEMIVOLATILES 90-SOW																
Phenol	350	U	ug/kg	350	380	U	ug/kg	380	340	U	ug/kg	340	400	U	ug/kg	400
bis(2-Chloroethyl) ether	350	U	ug/kg	350	380	U	ug/kg	380	340	U	ug/kg	340	400	U	ug/kg	400
2-Chlorophenol	350	U	ug/kg	350	380	U	ug/kg	380	340	U	ug/kg	340	400	U	ug/kg	400
1,3-Dichlorobenzene	350	U	ug/kg	350	380	U	ug/kg	380	340	U	ug/kg	340	400	U	ug/kg	400
1,4-Dichlorobenzene	350	U	ug/kg	350	380	U	ug/kg	380	340	U	ug/kg	340	400	U	ug/kg	400
1,2-Dichlorobenzene	350	U	ug/kg	350	380	U	ug/kg	380	340	U	ug/kg	340	400	U	ug/kg	400
2-Methylphenol	350	U	ug/kg	350	380	U	ug/kg	380	340	U	ug/kg	340	400	U	ug/kg	400
2,2-oxybis(1-Chloropropane)	350	U	ug/kg	350	380	U	ug/kg	380	340	U	ug/kg	340	400	U	ug/kg	400
4-Methylphenol	350	U	ug/kg	350	380	U	ug/kg	380	340	U	ug/kg	340	400	U	ug/kg	400
N-Nitroso-di-n-propylamine	350	U	ug/kg	350	380	U	ug/kg	380	340	U	ug/kg	340	400	U	ug/kg	400
Hexachloroethane	350	U	ug/kg	350	380	U	ug/kg	380	340	U	ug/kg	340	400	U	ug/kg	400
Nitrobenzene	350	U	ug/kg	350	380	U	ug/kg	380	340	U	ug/kg	340	400	U	ug/kg	400
Isophorone	350	U	ug/kg	350	380	U	ug/kg	380	340	U	ug/kg	340	400	U	ug/kg	400
2-Nitrophenol	350	U	ug/kg	350	380	U	ug/kg	380	340	U	ug/kg	340	400	U	ug/kg	400
2,4-Dimethylphenol	350	U	ug/kg	350	380	U	ug/kg	380	340	U	ug/kg	340	400	U	ug/kg	400
bis(2-Chloroethoxy) methane	350	U	ug/kg	350	380	U	ug/kg	380	340	U	ug/kg	340	400	U	ug/kg	400
2,4-Dichlorophenol	350	U	ug/kg	350	380	U	ug/kg	380	340	U	ug/kg	340	400	U	ug/kg	400
1,2,4-Trichlorobenzene	350	U	ug/kg	350	380	U	ug/kg	380	340	U	ug/kg	340	400	U	ug/kg	400
Naphthalene	350	U	ug/kg	350	380	U	ug/kg	380	340	U	ug/kg	340	400	U	ug/kg	400
4-Chloroaniline	350	U	ug/kg	350	380	U	ug/kg	380	340	U	ug/kg	340	400	U	ug/kg	400
Hexachlorobutadiene	350	U	ug/kg	350	380	U	ug/kg	380	340	U	ug/kg	340	400	U	ug/kg	400
4-Chloro-3-methylphenol	350	U	ug/kg	350	380	U	ug/kg	380	340	U	ug/kg	340	400	U	ug/kg	400
2-Methylnaphthalene	350	U	ug/kg	350	380	U	ug/kg	380	340	U	ug/kg	340	400	U	ug/kg	400
Hexachlorocyclopentadiene	350	U	ug/kg	350	380	U	ug/kg	380	340	U	ug/kg	340	400	U	ug/kg	400
2,4,6-Trichlorophenol	350	U	ug/kg	350	380	U	ug/kg	380	340	U	ug/kg	340	400	U	ug/kg	400
2,4,5-Trichlorophenol	850	U	ug/kg	850	920	U	ug/kg	920	830	U	ug/kg	830	960	U	ug/kg	960
2-Chloronaphthalene	350	U	ug/kg	350	380	U	ug/kg	380	340	U	ug/kg	340	400	U	ug/kg	400
2-Nitroaniline	850	U	ug/kg	850	920	U	ug/kg	920	830	U	ug/kg	830	960	U	ug/kg	960
Dimethylphthalate	350	U	ug/kg	350	380	U	ug/kg	380	340	U	ug/kg	340	400	U	ug/kg	400
Acenaphthylene	350	U	ug/kg	350	380	U	ug/kg	380	340	U	ug/kg	340	400	U	ug/kg	400
2,6-Dinitrotoluene	350	U	ug/kg	350	380	U	ug/kg	380	340	U	ug/kg	340	400	U	ug/kg	400
3-Nitroaniline	850	UJ	ug/kg	850	920	UJ	ug/kg	920	830	UJ	ug/kg	830	960	UJ	ug/kg	960
Acenaphthene	350	U	ug/kg	350	380	U	ug/kg	380	340	U	ug/kg	340	400	U	ug/kg	400
2,4-Dinitrophenol	850	U	ug/kg	850	920	U	ug/kg	920	830	U	ug/kg	830	960	U	ug/kg	960
4-Nitrophenol	850	U	ug/kg	850	920	U	ug/kg	920	830	U	ug/kg	830	960	U	ug/kg	960
Dibenzofuran	350	U	ug/kg	350	380	U	ug/kg	380	340	U	ug/kg	340	400	U	ug/kg	400
2,4-Dinitrotoluene	350	U	ug/kg	350	380	U	ug/kg	380	340	U	ug/kg	340	400	U	ug/kg	400
Diethylphthalate	350	U	ug/kg	350	380	U	ug/kg	380	340	U	ug/kg	340	400	U	ug/kg	400
4-Chlorophenyl-phenylether	350	U	ug/kg	350	380	U	ug/kg	380	340	U	ug/kg	340	400	U	ug/kg	400
Fluorene	350	U	ug/kg	350	380	U	ug/kg	380	340	U	ug/kg	340	400	U	ug/kg	400
4-Nitroaniline	850	U	ug/kg	850	920	U	ug/kg	920	830	U	ug/kg	830	960	U	ug/kg	960
4,6-Dinitro-2-methylphenol	850	U	ug/kg	850	920	U	ug/kg	920	830	U	ug/kg	830	960	U	ug/kg	960
N-Nitrosodiphenylamine (1)	350	U	ug/kg	350	380	U	ug/kg	380	340	U	ug/kg	340	400	U	ug/kg	400
4-Bromophenyl-phenylether	350	U	ug/kg	350	380	U	ug/kg	380	340	U	ug/kg	340	400	U	ug/kg	400
Hexachlorobenzene	350	U	ug/kg	350	380	U	ug/kg	380	340	U	ug/kg	340	400	U	ug/kg	400
Pentachlorophenol	850	U	ug/kg	850	920	U	ug/kg	920	830	U	ug/kg	830	960	U	ug/kg	960
Phenanthrene	350	U	ug/kg	350	380	U	ug/kg	380	340	U	ug/kg	340	400	U	ug/kg	400
Anthracene	350	U	ug/kg	350	380	U	ug/kg	380	340	U	ug/kg	340	400	U	ug/kg	400
Carbazole	350	U	ug/kg	350	380	U	ug/kg	380	340	U	ug/kg	340	400	U	ug/kg	400
Di-n-butylphthalate	350	UJ	ug/kg	350	380	UJ	ug/kg	380	340	UJ	ug/kg	340	400	UJ	ug/kg	400
Fluoranthene	350	U	ug/kg	350	380	U	ug/kg	380	340	U	ug/kg	340	400	U	ug/kg	400
Pyrene	350	U	ug/kg	350	380	U	ug/kg	380	340	U	ug/kg	340	400	U	ug/kg	400

	34576004				34576005				34576006				34576007			
Lab Sample Number:																
Site	WHITING				WHITING				WHITING				WHITING			
Locator	33SB2-60-62				33SB2-80-82				33SB2-95-97				33SB2-120-122			
Collect Date:	03-DEC-92				03-DEC-92				03-DEC-92				03-DEC-92			
	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL
Butylbenzylphthalate	350	U	ug/kg	350	380	U	ug/kg	380	340	U	ug/kg	340	400	U	ug/kg	400
3,3-Dichlorobenzidine	350	U	ug/kg	350	380	U	ug/kg	380	340	U	ug/kg	340	400	U	ug/kg	400
Benzo (a) anthracene	350	U	ug/kg	350	380	U	ug/kg	380	340	U	ug/kg	340	400	U	ug/kg	400
Chrysene	350	U	ug/kg	350	380	U	ug/kg	380	340	U	ug/kg	340	400	U	ug/kg	400
bis(2-Ethylhexyl) phthalate	350	UJ	ug/kg	350	380	UJ	ug/kg	380	340	UJ	ug/kg	340	400	UJ	ug/kg	400
Di-n-octylphthalate	350	U	ug/kg	350	380	U	ug/kg	380	340	U	ug/kg	340	400	U	ug/kg	400
Benzo (b) fluoranthene	350	U	ug/kg	350	380	U	ug/kg	380	340	U	ug/kg	340	400	U	ug/kg	400
Benzo (k) fluoranthene	350	U	ug/kg	350	380	U	ug/kg	380	340	U	ug/kg	340	400	U	ug/kg	400
Benzo (a) pyrene	350	U	ug/kg	350	380	U	ug/kg	380	340	U	ug/kg	340	400	U	ug/kg	400
Indeno (1,2,3-cd) pyrene	350	U	ug/kg	350	380	U	ug/kg	380	340	U	ug/kg	340	400	U	ug/kg	400
Dibenz (a,h) anthracene	350	U	ug/kg	350	380	U	ug/kg	380	340	U	ug/kg	340	400	U	ug/kg	400
Benzo (g,h,i) perylene	350	U	ug/kg	350	380	U	ug/kg	380	340	U	ug/kg	340	400	U	ug/kg	400

Lab Sample Number:	34553006				34553005				34553007			
Site	WHITING				WHITING				WHITING			
Locator	33SB3-10-12				33SB3-4-6				33SB3-15-17			
Collect Date:	01-DEC-92				01-DEC-92				01-DEC-92			
	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL
CLP SEMIVOLATILES 90-SOW												
Phenol	370	U	ug/kg	370	360	U	ug/kg	360	370	U	ug/kg	370
bis(2-Chloroethyl) ether	370	U	ug/kg	370	360	U	ug/kg	360	370	U	ug/kg	370
2-Chlorophenol	370	U	ug/kg	370	360	U	ug/kg	360	370	U	ug/kg	370
1,3-Dichlorobenzene	370	U	ug/kg	370	360	U	ug/kg	360	370	U	ug/kg	370
1,4-Dichlorobenzene	370	U	ug/kg	370	360	U	ug/kg	360	370	U	ug/kg	370
1,2-Dichlorobenzene	370	U	ug/kg	370	360	U	ug/kg	360	370	U	ug/kg	370
2-Methylphenol	370	U	ug/kg	370	360	U	ug/kg	360	370	U	ug/kg	370
2,2-oxybis(1-Chloropropane)	370	UJ	ug/kg	370	360	UJ	ug/kg	360	370	UJ	ug/kg	370
4-Methylphenol	370	U	ug/kg	370	360	U	ug/kg	360	370	U	ug/kg	370
N-Nitroso-di-n-propylamine	370	U	ug/kg	370	360	U	ug/kg	360	370	U	ug/kg	370
Hexachloroethane	370	U	ug/kg	370	360	U	ug/kg	360	370	U	ug/kg	370
Nitrobenzene	370	U	ug/kg	370	360	U	ug/kg	360	370	U	ug/kg	370
Isophorone	370	U	ug/kg	370	360	U	ug/kg	360	370	U	ug/kg	370
2-Nitrophenol	370	U	ug/kg	370	360	U	ug/kg	360	370	U	ug/kg	370
2,4-Dimethylphenol	370	U	ug/kg	370	360	U	ug/kg	360	370	U	ug/kg	370
bis(2-Chloroethoxy) methane	370	U	ug/kg	370	360	U	ug/kg	360	370	U	ug/kg	370
2,4-Dichlorophenol	370	U	ug/kg	370	360	U	ug/kg	360	370	U	ug/kg	370
1,2,4-Trichlorobenzene	370	U	ug/kg	370	360	U	ug/kg	360	370	U	ug/kg	370
Naphthalene	370	U	ug/kg	370	360	U	ug/kg	360	370	U	ug/kg	370
4-Chloroaniline	370	U	ug/kg	370	360	U	ug/kg	360	370	U	ug/kg	370
Hexachlorobutadiene	370	U	ug/kg	370	360	U	ug/kg	360	370	U	ug/kg	370
4-Chloro-3-methylphenol	370	U	ug/kg	370	360	U	ug/kg	360	370	U	ug/kg	370
2-Methylnaphthalene	370	U	ug/kg	370	360	U	ug/kg	360	370	U	ug/kg	370
Hexachlorocyclopentadiene	370	U	ug/kg	370	360	U	ug/kg	360	370	U	ug/kg	370
2,4,6-Trichlorophenol	370	U	ug/kg	370	360	U	ug/kg	360	370	U	ug/kg	370
2,4,5-Trichlorophenol	890	U	ug/kg	890	870	U	ug/kg	870	890	U	ug/kg	890
2-Chloronaphthalene	370	U	ug/kg	370	360	U	ug/kg	360	370	U	ug/kg	370
2-Nitroaniline	890	U	ug/kg	890	870	U	ug/kg	870	890	U	ug/kg	890
Dimethylphthalate	370	U	ug/kg	370	360	U	ug/kg	360	370	U	ug/kg	370
Acenaphthylene	370	U	ug/kg	370	360	U	ug/kg	360	370	U	ug/kg	370
2,6-Dinitrotoluene	370	U	ug/kg	370	360	U	ug/kg	360	370	U	ug/kg	370
3-Nitroaniline	890	U	ug/kg	890	870	U	ug/kg	870	890	U	ug/kg	890
Acenaphthene	370	U	ug/kg	370	360	U	ug/kg	360	370	U	ug/kg	370
2,4-Dinitrophenol	890	U	ug/kg	890	870	U	ug/kg	870	890	U	ug/kg	890
4-Nitrophenol	890	U	ug/kg	890	870	U	ug/kg	870	890	U	ug/kg	890
Dibenzofuran	370	U	ug/kg	370	360	U	ug/kg	360	370	U	ug/kg	370
2,4-Dinitrotoluene	370	U	ug/kg	370	360	U	ug/kg	360	370	U	ug/kg	370
Diethylphthalate	370	U	ug/kg	370	360	U	ug/kg	360	370	U	ug/kg	370
4-Chlorophenyl-phenylether	370	U	ug/kg	370	360	U	ug/kg	360	370	U	ug/kg	370
Fluorene	370	U	ug/kg	370	360	U	ug/kg	360	370	U	ug/kg	370
4-Nitroaniline	890	U	ug/kg	890	870	U	ug/kg	870	890	U	ug/kg	890
4,6-Dinitro-2-methylphenol	890	U	ug/kg	890	870	U	ug/kg	870	890	U	ug/kg	890
N-Nitrosodiphenylamine (1)	370	U	ug/kg	370	360	U	ug/kg	360	370	U	ug/kg	370
4-Bromophenyl-phenylether	370	U	ug/kg	370	360	U	ug/kg	360	370	U	ug/kg	370
Hexachlorobenzene	370	U	ug/kg	370	360	U	ug/kg	360	370	U	ug/kg	370
Pentachlorophenol	890	U	ug/kg	890	870	U	ug/kg	870	890	U	ug/kg	890
Phenanthrene	370	U	ug/kg	370	360	U	ug/kg	360	370	U	ug/kg	370
Anthracene	370	U	ug/kg	370	360	U	ug/kg	360	370	U	ug/kg	370
Carbazole	370	U	ug/kg	370	360	U	ug/kg	360	370	U	ug/kg	370
Di-n-butylphthalate	370	U	ug/kg	370	360	U	ug/kg	360	370	U	ug/kg	370
Fluoranthene	370	U	ug/kg	370	360	U	ug/kg	360	370	U	ug/kg	370
Pyrene	370	U	ug/kg	370	360	U	ug/kg	360	370	U	ug/kg	370
Butylbenzylphthalate	370	U	ug/kg	370	360	U	ug/kg	360	370	U	ug/kg	370

Lab Sample Number:	34553006				34553005				34553007			
Site	WHITING				WHITING				WHITING			
Locator	33SB3-10-12				33SB3-4-6				33SB3-15-17			
Collect Date:	01-DEC-92				01-DEC-92				01-DEC-92			
	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL
3,3-Dichlorobenzidine	370	U	ug/kg	370	360	U	ug/kg	360	370	U	ug/kg	370
Benzo (a) anthracene	370	U	ug/kg	370	360	U	ug/kg	360	370	U	ug/kg	370
Chrysene	370	U	ug/kg	370	360	U	ug/kg	360	370	U	ug/kg	370
bis(2-Ethylhexyl) phthalate	370	U	ug/kg	370	360	U	ug/kg	360	190	J	ug/kg	370
Di-n-octylphthalate	370	U	ug/kg	370	360	U	ug/kg	360	370	U	ug/kg	370
Benzo (b) fluoranthene	370	U	ug/kg	370	360	U	ug/kg	360	370	U	ug/kg	370
Benzo (k) fluoranthene	370	U	ug/kg	370	360	U	ug/kg	360	370	U	ug/kg	370
Benzo (a) pyrene	370	U	ug/kg	370	360	U	ug/kg	360	370	U	ug/kg	370
Indeno (1,2,3-cd) pyrene	370	U	ug/kg	370	360	U	ug/kg	360	370	U	ug/kg	370
Dibenz (a,h) anthracene	370	U	ug/kg	370	360	U	ug/kg	360	370	U	ug/kg	370
Benzo (g,h,i) perylene	370	U	ug/kg	370	360	U	ug/kg	360	370	U	ug/kg	370

Lab Sample Number:	34566001				34566002				34566003			
Site	WHITING				WHITING				WHITING			
Locator	33SB4-3-5				33SB4-5-7				33SB4-15-17			
Collect Date:	02-DEC-92				02-DEC-92				02-DEC-92			
	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL
CLP SEMIVOLATILES 90-SOW												
Phenol	360	U	ug/kg	360	370	U	ug/kg	370	360	U	ug/kg	360
bis(2-Chloroethyl) ether	360	U	ug/kg	360	370	U	ug/kg	370	360	U	ug/kg	360
2-Chlorophenol	360	U	ug/kg	360	370	U	ug/kg	370	360	U	ug/kg	360
1,3-Dichlorobenzene	360	U	ug/kg	360	370	U	ug/kg	370	360	U	ug/kg	360
1,4-Dichlorobenzene	360	U	ug/kg	360	370	U	ug/kg	370	360	U	ug/kg	360
1,2-Dichlorobenzene	360	U	ug/kg	360	370	U	ug/kg	370	360	U	ug/kg	360
2-Methylphenol	360	U	ug/kg	360	370	U	ug/kg	370	360	U	ug/kg	360
2,2-oxybis(1-Chloropropane)	360	U	ug/kg	360	370	U	ug/kg	370	360	U	ug/kg	360
4-Methylphenol	360	U	ug/kg	360	370	U	ug/kg	370	360	U	ug/kg	360
N-Nitroso-di-n-propylamine	360	U	ug/kg	360	370	U	ug/kg	370	360	U	ug/kg	360
Hexachloroethane	360	U	ug/kg	360	370	U	ug/kg	370	360	U	ug/kg	360
Nitrobenzene	360	U	ug/kg	360	370	U	ug/kg	370	360	U	ug/kg	360
Isophorone	360	U	ug/kg	360	370	U	ug/kg	370	360	U	ug/kg	360
2-Nitrophenol	360	U	ug/kg	360	370	U	ug/kg	370	360	U	ug/kg	360
2,4-Dimethylphenol	360	U	ug/kg	360	370	U	ug/kg	370	360	U	ug/kg	360
bis(2-Chloroethoxy) methane	360	U	ug/kg	360	370	U	ug/kg	370	360	U	ug/kg	360
2,4-Dichlorophenol	360	U	ug/kg	360	370	U	ug/kg	370	360	U	ug/kg	360
1,2,4-Trichlorobenzene	360	U	ug/kg	360	370	U	ug/kg	370	360	U	ug/kg	360
Naphthalene	360	U	ug/kg	360	370	U	ug/kg	370	360	U	ug/kg	360
4-Chloroaniline	360	UJ	ug/kg	360	370	UJ	ug/kg	370	360	UJ	ug/kg	360
Hexachlorobutadiene	360	U	ug/kg	360	370	U	ug/kg	370	360	U	ug/kg	360
4-Chloro-3-methylphenol	360	U	ug/kg	360	370	U	ug/kg	370	360	U	ug/kg	360
2-Methylnaphthalene	360	U	ug/kg	360	370	U	ug/kg	370	360	U	ug/kg	360
Hexachlorocyclopentadiene	360	U	ug/kg	360	370	U	ug/kg	370	360	U	ug/kg	360
2,4,6-Trichlorophenol	360	U	ug/kg	360	370	U	ug/kg	370	360	U	ug/kg	360
2,4,5-Trichlorophenol	880	U	ug/kg	880	900	U	ug/kg	900	880	U	ug/kg	880
2-Chloronaphthalene	360	U	ug/kg	360	370	U	ug/kg	370	360	U	ug/kg	360
2-Nitroaniline	880	U	ug/kg	880	900	U	ug/kg	900	880	U	ug/kg	880
Dimethylphthalate	360	U	ug/kg	360	370	U	ug/kg	370	360	U	ug/kg	360
Acenaphthylene	360	U	ug/kg	360	370	U	ug/kg	370	360	U	ug/kg	360
2,6-Dinitrotoluene	360	U	ug/kg	360	370	U	ug/kg	370	360	U	ug/kg	360
3-Nitroaniline	880	UJ	ug/kg	880	900	UJ	ug/kg	900	880	UJ	ug/kg	880
Acenaphthene	360	U	ug/kg	360	370	U	ug/kg	370	360	U	ug/kg	360
2,4-Dinitrophenol	880	UJ	ug/kg	880	900	U	ug/kg	900	880	UJ	ug/kg	880
4-Nitrophenol	880	UJ	ug/kg	880	900	U	ug/kg	900	880	UJ	ug/kg	880
Dibenzofuran	360	U	ug/kg	360	370	U	ug/kg	370	360	U	ug/kg	360
2,4-Dinitrotoluene	360	U	ug/kg	360	370	UJ	ug/kg	370	360	U	ug/kg	360
Diethylphthalate	360	U	ug/kg	360	370	UJ	ug/kg	370	360	U	ug/kg	360
4-Chlorophenyl-phenylether	360	U	ug/kg	360	370	U	ug/kg	370	360	U	ug/kg	360
Fluorene	360	U	ug/kg	360	370	U	ug/kg	370	360	U	ug/kg	360
4-Nitroaniline	880	UJ	ug/kg	880	900	UJ	ug/kg	900	880	UJ	ug/kg	880
4,6-Dinitro-2-methylphenol	880	U	ug/kg	880	900	U	ug/kg	900	880	U	ug/kg	880
N-Nitrosodiphenylamine (1)	360	U	ug/kg	360	370	U	ug/kg	370	360	U	ug/kg	360
4-Bromophenyl-phenylether	360	U	ug/kg	360	370	U	ug/kg	370	360	U	ug/kg	360
Hexachlorobenzene	360	U	ug/kg	360	370	U	ug/kg	370	360	U	ug/kg	360
Pentachlorophenol	880	U	ug/kg	880	900	U	ug/kg	900	880	U	ug/kg	880
Phenanthrene	360	U	ug/kg	360	370	U	ug/kg	370	360	U	ug/kg	360
Anthracene	360	U	ug/kg	360	370	U	ug/kg	370	360	U	ug/kg	360
Carbazole	360	U	ug/kg	360	370	U	ug/kg	370	360	U	ug/kg	360
Di-n-butylphthalate	360	U	ug/kg	360	370	U	ug/kg	370	360	U	ug/kg	360
Fluoranthene	360	U	ug/kg	360	370	U	ug/kg	370	360	U	ug/kg	360
Pyrene	360	U	ug/kg	360	370	U	ug/kg	370	360	U	ug/kg	360
Butylbenzylphthalate	360	UJ	ug/kg	360	370	UJ	ug/kg	370	360	UJ	ug/kg	360

Lab Sample Number:	34566001				34566002				34566003			
Site	WHITING				WHITING				WHITING			
Locator	33SB4-3-5				33SB4-5-7				33SB4-15-17			
Collect Date:	02-DEC-92				02-DEC-92				02-DEC-92			
	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL
3,3-Dichlorobenzidine	360	U	ug/kg	360	370	U	ug/kg	370	360	U	ug/kg	360
Benzo (a) anthracene	360	U	ug/kg	360	370	U	ug/kg	370	360	U	ug/kg	360
Chrysene	360	U	ug/kg	360	370	U	ug/kg	370	360	U	ug/kg	360
bis(2-Ethylhexyl) phthalate	410	J	ug/kg	360	370	UJ	ug/kg	370	56	J	ug/kg	360
Di-n-octylphthalate	360	UJ	ug/kg	360	370	UJ	ug/kg	370	360	UJ	ug/kg	360
Benzo (b) fluoranthene	360	U	ug/kg	360	370	U	ug/kg	370	360	U	ug/kg	360
Benzo (k) fluoranthene	360	U	ug/kg	360	370	U	ug/kg	370	360	U	ug/kg	360
Benzo (a) pyrene	360	U	ug/kg	360	370	U	ug/kg	370	360	U	ug/kg	360
Indeno (1,2,3-cd) pyrene	360	U	ug/kg	360	370	U	ug/kg	370	360	U	ug/kg	360
Dibenz (a,h) anthracene	360	U	ug/kg	360	370	U	ug/kg	370	360	U	ug/kg	360
Benzo (g,h,i) perylene	360	U	ug/kg	360	370	U	ug/kg	370	360	U	ug/kg	360

Lab Sample Number:	34607001				34607001				34607002				34607002			
Site	WHITING				WHITING				WHITING				WHITING			
Locator	33SB5-0-2				33SB5-0-2				33SB5-0-2A				33SB5-0-2A			
Collect Date:	06-DEC-92				06-DEC-92				06-DEC-92				06-DEC-92			
	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL
CLP SEMIVOLATILES 90-SOW																
Phenol	390	U	ug/kg	390	-				380	U	ug/kg	380	-			
bis(2-Chloroethyl) ether	390	U	ug/kg	390	-				380	U	ug/kg	380	-			
2-Chlorophenol	390	U	ug/kg	390	-				380	U	ug/kg	380	-			
1,3-Dichlorobenzene	390	U	ug/kg	390	-				380	U	ug/kg	380	-			
1,4-Dichlorobenzene	390	U	ug/kg	390	-				380	U	ug/kg	380	-			
1,2-Dichlorobenzene	390	U	ug/kg	390	-				380	U	ug/kg	380	-			
2-Methylphenol	390	U	ug/kg	390	-				380	U	ug/kg	380	-			
2,2-oxybis(1-Chloropropane)	390	U	ug/kg	390	-				380	U	ug/kg	380	-			
4-Methylphenol	390	U	ug/kg	390	-				380	U	ug/kg	380	-			
N-Nitroso-di-n-propylamine	390	U	ug/kg	390	-				380	U	ug/kg	380	-			
Hexachloroethane	390	U	ug/kg	390	-				380	U	ug/kg	380	-			
Nitrobenzene	390	U	ug/kg	390	-				380	U	ug/kg	380	-			
Isophorone	390	U	ug/kg	390	-				380	U	ug/kg	380	-			
2-Nitrophenol	390	U	ug/kg	390	-				380	U	ug/kg	380	-			
2,4-Dimethylphenol	390	U	ug/kg	390	-				380	U	ug/kg	380	-			
bis(2-Chloroethoxy) methane	390	U	ug/kg	390	-				380	U	ug/kg	380	-			
2,4-Dichlorophenol	390	U	ug/kg	390	-				380	U	ug/kg	380	-			
1,2,4-Trichlorobenzene	390	U	ug/kg	390	-				380	U	ug/kg	380	-			
Naphthalene	270	J	ug/kg	390	-				350	J	ug/kg	380	-			
4-Chloroaniline	390	UJ	ug/kg	390	-				380	UJ	ug/kg	380	-			
Hexachlorobutadiene	390	U	ug/kg	390	-				380	U	ug/kg	380	-			
4-Chloro-3-methylphenol	390	U	ug/kg	390	-				380	U	ug/kg	380	-			
2-Methylnaphthalene	2000		ug/kg	390	-				2500		ug/kg	380	-			
Hexachlorocyclopentadiene	390	UJ	ug/kg	390	-				380	UJ	ug/kg	380	-			
2,4,6-Trichlorophenol	390	U	ug/kg	390	-				380	U	ug/kg	380	-			
2,4,5-Trichlorophenol	940	U	ug/kg	940	-				930	U	ug/kg	930	-			
2-Chloronaphthalene	390	U	ug/kg	390	-				380	U	ug/kg	380	-			
2-Nitroaniline	940	U	ug/kg	940	-				930	U	ug/kg	930	-			
Dimethylphthalate	390	U	ug/kg	390	-				380	U	ug/kg	380	-			
Acenaphthylene	390	U	ug/kg	390	-				380	U	ug/kg	380	-			
2,6-Dinitrotoluene	390	U	ug/kg	390	-				380	U	ug/kg	380	-			
3-Nitroaniline	940	U	ug/kg	940	-				930	U	ug/kg	930	-			
Acenaphthene	390	U	ug/kg	390	-				380	U	ug/kg	380	-			
2,4-Dinitrophenol	940	U	ug/kg	940	-				930	U	ug/kg	930	-			
4-Nitrophenol	940	U	ug/kg	940	-				930	U	ug/kg	930	-			
Dibenzofuran	390	U	ug/kg	390	-				380	U	ug/kg	380	-			
2,4-Dinitrotoluene	390	U	ug/kg	390	-				380	U	ug/kg	380	-			
Diethylphthalate	390	U	ug/kg	390	-				380	U	ug/kg	380	-			
4-Chlorophenyl-phenylether	390	U	ug/kg	390	-				380	U	ug/kg	380	-			
Fluorene	390	U	ug/kg	390	-				68	J	ug/kg	380	-			
4-Nitroaniline	940	U	ug/kg	940	-				930	U	ug/kg	930	-			
4,6-Dinitro-2-methylphenol	940	U	ug/kg	940	-				930	U	ug/kg	930	-			
N-Nitrosodiphenylamine (1)	390	U	ug/kg	390	-				380	U	ug/kg	380	-			
4-Bromophenyl-phenylether	390	U	ug/kg	390	-				380	U	ug/kg	380	-			
Hexachlorobenzene	390	U	ug/kg	390	-				380	U	ug/kg	380	-			
Pentachlorophenol	940	UJ	ug/kg	940	-				930	UJ	ug/kg	930	-			
Phenanthrene	390	U	ug/kg	390	-				380	U	ug/kg	380	-			
Anthracene	390	U	ug/kg	390	-				380	U	ug/kg	380	-			
Carbazole	390	U	ug/kg	390	-				380	U	ug/kg	380	-			
Di-n-butylphthalate	390	U	ug/kg	390	-				380	U	ug/kg	380	-			
Fluoranthene	390	U	ug/kg	390	-				380	U	ug/kg	380	-			
Pyrene	390	U	ug/kg	390	-				380	U	ug/kg	380	-			
Butylbenzylphthalate	390	U	ug/kg	390	-				380	U	ug/kg	380	-			

Lab Sample Number:	34607001				34607001				34607002				34607002			
Site	WHITING				WHITING				WHITING				WHITING			
Locator	33SB5-0-2				33SB5-0-2				33SB5-0-2A				33SB5-0-2A			
Collect Date:	06-DEC-92				06-DEC-92				06-DEC-92				06-DEC-92			
	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL
3,3-Dichlorobenzidine	390	U	ug/kg	390	-				380	U	ug/kg	380	-			
Benzo (a) anthracene	390	U	ug/kg	390	-				380	U	ug/kg	380	-			
Chrysene	390	U	ug/kg	390	-				380	U	ug/kg	380	-			
bis(2-Ethylhexyl) phthalate	390	U	ug/kg	390	-				380	U	ug/kg	380	-			
Di-n-octylphthalate	390	U	ug/kg	390	-				380	U	ug/kg	380	-			
Benzo (b) fluoranthene	390	U	ug/kg	390	-				380	U	ug/kg	380	-			
Benzo (k) fluoranthene	390	U	ug/kg	390	-				380	U	ug/kg	380	-			
Benzo (a) pyrene	390	U	ug/kg	390	-				380	U	ug/kg	380	-			
Indeno (1,2,3-cd) pyrene	390	U	ug/kg	390	-				380	U	ug/kg	380	-			
Dibenz (a,h) anthracene	390	U	ug/kg	390	-				380	U	ug/kg	380	-			
Benzo (g,h,i) perylene	390	U	ug/kg	390	-				380	U	ug/kg	380	-			

Lab Sample Number:	34607003				34607003				34607004				34607004			
Site	WHITING				WHITING				WHITING				WHITING			
Locator	33SB5-5-7				33SB5-5-7				33SB5-10-12				33SB5-10-12			
Collect Date:	06-DEC-92				06-DEC-92				06-DEC-92				06-DEC-92			
	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL
CLP SEMIVOLATILES 90-SOW																
Phenol	380	U	ug/kg	380	-				370	U	ug/kg	370	-			
bis(2-Chloroethyl) ether	380	U	ug/kg	380	-				370	U	ug/kg	370	-			
2-Chlorophenol	380	U	ug/kg	380	-				370	U	ug/kg	370	-			
1,3-Dichlorobenzene	380	U	ug/kg	380	-				370	U	ug/kg	370	-			
1,4-Dichlorobenzene	380	U	ug/kg	380	-				370	U	ug/kg	370	-			
1,2-Dichlorobenzene	380	U	ug/kg	380	-				370	U	ug/kg	370	-			
2-Methylphenol	380	U	ug/kg	380	-				370	U	ug/kg	370	-			
2,2-oxybis(1-Chloropropane)	380	U	ug/kg	380	-				370	U	ug/kg	370	-			
4-Methylphenol	380	U	ug/kg	380	-				370	U	ug/kg	370	-			
N-Nitroso-di-n-propylamine	380	U	ug/kg	380	-				370	U	ug/kg	370	-			
Hexachloroethane	380	U	ug/kg	380	-				370	U	ug/kg	370	-			
Nitrobenzene	380	U	ug/kg	380	-				370	U	ug/kg	370	-			
Isophorone	380	U	ug/kg	380	-				370	U	ug/kg	370	-			
2-Nitrophenol	380	U	ug/kg	380	-				370	U	ug/kg	370	-			
2,4-Dimethylphenol	380	U	ug/kg	380	-				370	U	ug/kg	370	-			
bis(2-Chloroethoxy) methane	380	U	ug/kg	380	-				370	U	ug/kg	370	-			
2,4-Dichlorophenol	380	U	ug/kg	380	-				370	U	ug/kg	370	-			
1,2,4-Trichlorobenzene	380	U	ug/kg	380	-				370	U	ug/kg	370	-			
Naphthalene	380	U	ug/kg	380	-				370	U	ug/kg	370	-			
4-Chloroaniline	380	UJ	ug/kg	380	-				370	UJ	ug/kg	370	-			
Hexachlorobutadiene	380	U	ug/kg	380	-				370	U	ug/kg	370	-			
4-Chloro-3-methylphenol	380	U	ug/kg	380	-				370	U	ug/kg	370	-			
2-Methylnaphthalene	380	U	ug/kg	380	-				370	U	ug/kg	370	-			
Hexachlorocyclopentadiene	380	UJ	ug/kg	380	-				370	UJ	ug/kg	370	-			
2,4,6-Trichlorophenol	380	U	ug/kg	380	-				370	U	ug/kg	370	-			
2,4,5-Trichlorophenol	930	U	ug/kg	930	-				910	U	ug/kg	910	-			
2-Chloronaphthalene	380	U	ug/kg	380	-				370	U	ug/kg	370	-			
2-Nitroaniline	930	U	ug/kg	930	-				910	U	ug/kg	910	-			
Dimethylphthalate	380	U	ug/kg	380	-				370	U	ug/kg	370	-			
Acenaphthylene	380	U	ug/kg	380	-				370	U	ug/kg	370	-			
2,6-Dinitrotoluene	380	U	ug/kg	380	-				370	U	ug/kg	370	-			
3-Nitroaniline	930	U	ug/kg	930	-				910	U	ug/kg	910	-			
Acenaphthene	380	U	ug/kg	380	-				370	U	ug/kg	370	-			
2,4-Dinitrophenol	930	U	ug/kg	930	-				910	U	ug/kg	910	-			
4-Nitrophenol	930	U	ug/kg	930	-				910	U	ug/kg	910	-			
Dibenzofuran	380	U	ug/kg	380	-				370	U	ug/kg	370	-			
2,4-Dinitrotoluene	380	U	ug/kg	380	-				370	U	ug/kg	370	-			
Diethylphthalate	380	U	ug/kg	380	-				370	U	ug/kg	370	-			
4-Chlorophenyl-phenylether	380	U	ug/kg	380	-				370	U	ug/kg	370	-			
Fluorene	380	U	ug/kg	380	-				370	U	ug/kg	370	-			
4-Nitroaniline	930	U	ug/kg	930	-				910	U	ug/kg	910	-			
4,6-Dinitro-2-methylphenol	930	U	ug/kg	930	-				910	U	ug/kg	910	-			
N-Nitrosodiphenylamine (1)	380	U	ug/kg	380	-				370	U	ug/kg	370	-			
4-Bromophenyl-phenylether	380	U	ug/kg	380	-				370	U	ug/kg	370	-			
Hexachlorobenzene	380	U	ug/kg	380	-				370	U	ug/kg	370	-			
Pentachlorophenol	930	UJ	ug/kg	930	-				910	UJ	ug/kg	910	-			
Phenanthrene	380	U	ug/kg	380	-				370	U	ug/kg	370	-			
Anthracene	380	U	ug/kg	380	-				370	U	ug/kg	370	-			
Carbazole	380	U	ug/kg	380	-				370	U	ug/kg	370	-			
Di-n-butylphthalate	380	U	ug/kg	380	-				370	U	ug/kg	370	-			
Fluoranthene	380	U	ug/kg	380	-				370	U	ug/kg	370	-			
Pyrene	380	U	ug/kg	380	-				370	U	ug/kg	370	-			

Lab Sample Number:	34607003				34607003				34607004				34607004			
Site	WHITING				WHITING				WHITING				WHITING			
Locator	33SB5-5-7				33SB5-5-7				33SB5-10-12				33SB5-10-12			
Collect Date:	06-DEC-92				06-DEC-92				06-DEC-92				06-DEC-92			
	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL
Butylbenzylphthalate	380	U	ug/kg	380	-				370	U	ug/kg	370	-			
3,3-Dichlorobenzidine	380	U	ug/kg	380	-				370	U	ug/kg	370	-			
Benzo (a) anthracene	380	U	ug/kg	380	-				370	U	ug/kg	370	-			
Chrysene	380	U	ug/kg	380	-				370	U	ug/kg	370	-			
bis(2-Ethylhexyl) phthalate	380	U	ug/kg	380	-				370	U	ug/kg	370	-			
Di-n-octylphthalate	380	U	ug/kg	380	-				370	U	ug/kg	370	-			
Benzo (b) fluoranthene	380	U	ug/kg	380	-				370	U	ug/kg	370	-			
Benzo (k) fluoranthene	380	U	ug/kg	380	-				370	U	ug/kg	370	-			
Benzo (a) pyrene	380	U	ug/kg	380	-				370	U	ug/kg	370	-			
Indeno (1,2,3-cd) pyrene	380	U	ug/kg	380	-				370	U	ug/kg	370	-			
Dibenz (a,h) anthracene	380	U	ug/kg	380	-				370	U	ug/kg	370	-			
Benzo (g,h,i) perylene	380	U	ug/kg	380	-				370	U	ug/kg	370	-			

Lab Sample Number:	34607005				34607005			
Site	WHITING				WHITING			
Locator	33SB5-20-22				33SB5-20-22			
Collect Date:	06-DEC-92				06-DEC-92			
	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL
CLP SEMIVOLATILES 90-SOW								
Phenol	370	U	ug/kg	370	-			
bis(2-Chloroethyl) ether	370	U	ug/kg	370	-			
2-Chlorophenol	370	U	ug/kg	370	-			
1,3-Dichlorobenzene	370	U	ug/kg	370	-			
1,4-Dichlorobenzene	370	U	ug/kg	370	-			
1,2-Dichlorobenzene	370	U	ug/kg	370	-			
2-Methylphenol	370	U	ug/kg	370	-			
2,2-oxybis(1-Chloropropane)	370	U	ug/kg	370	-			
4-Methylphenol	370	U	ug/kg	370	-			
N-Nitroso-di-n-propylamine	370	U	ug/kg	370	-			
Hexachloroethane	370	U	ug/kg	370	-			
Nitrobenzene	370	U	ug/kg	370	-			
Isophorone	370	U	ug/kg	370	-			
2-Nitrophenol	370	U	ug/kg	370	-			
2,4-Dimethylphenol	370	U	ug/kg	370	-			
bis(2-Chloroethoxy) methane	370	U	ug/kg	370	-			
2,4-Dichlorophenol	370	U	ug/kg	370	-			
1,2,4-Trichlorobenzene	370	U	ug/kg	370	-			
Naphthalene	370	U	ug/kg	370	-			
4-Chloroaniline	370	UJ	ug/kg	370	-			
Hexachlorobutadiene	370	U	ug/kg	370	-			
4-Chloro-3-methylphenol	370	U	ug/kg	370	-			
2-Methylnaphthalene	370	U	ug/kg	370	-			
Hexachlorocyclopentadiene	370	UJ	ug/kg	370	-			
2,4,6-Trichlorophenol	370	U	ug/kg	370	-			
2,4,5-Trichlorophenol	900	U	ug/kg	900	-			
2-Chloronaphthalene	370	U	ug/kg	370	-			
2-Nitroaniline	900	U	ug/kg	900	-			
Dimethylphthalate	370	U	ug/kg	370	-			
Acenaphthylene	370	U	ug/kg	370	-			
2,6-Dinitrotoluene	370	U	ug/kg	370	-			
3-Nitroaniline	900	U	ug/kg	900	-			
Acenaphthene	370	U	ug/kg	370	-			
2,4-Dinitrophenol	900	U	ug/kg	900	-			
4-Nitrophenol	900	U	ug/kg	900	-			
Dibenzofuran	370	U	ug/kg	370	-			
2,4-Dinitrotoluene	370	U	ug/kg	370	-			
Diethylphthalate	370	U	ug/kg	370	-			
4-Chlorophenyl-phenylether	370	U	ug/kg	370	-			
Fluorene	370	U	ug/kg	370	-			
4-Nitroaniline	900	U	ug/kg	900	-			
4,6-Dinitro-2-methylphenol	900	U	ug/kg	900	-			
N-Nitrosodiphenylamine (1)	370	U	ug/kg	370	-			
4-Bromophenyl-phenylether	370	U	ug/kg	370	-			
Hexachlorobenzene	370	U	ug/kg	370	-			
Pentachlorophenol	900	UJ	ug/kg	900	-			
Phenanthrene	370	U	ug/kg	370	-			
Anthracene	370	U	ug/kg	370	-			
Carbazole	370	U	ug/kg	370	-			
Di-n-butylphthalate	370	U	ug/kg	370	-			
Fluoranthene	370	U	ug/kg	370	-			
Pyrene	370	U	ug/kg	370	-			

Lab Sample Number:	34607005				34607005			
Site	WHITING				WHITING			
Locator	33SB5-20-22				33SB5-20-22			
Collect Date:	06-DEC-92				06-DEC-92			
	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL
Butylbenzylphthalate	370	U	ug/kg	370	-			
3,3-Dichlorobenzidine	370	U	ug/kg	370	-			
Benzo (a) anthracene	370	U	ug/kg	370	-			
Chrysene	370	U	ug/kg	370	-			
bis(2-Ethylhexyl) phthalate	370	U	ug/kg	370	-			
Di-n-octylphthalate	370	U	ug/kg	370	-			
Benzo (b) fluoranthene	370	U	ug/kg	370	-			
Benzo (k) fluoranthene	370	U	ug/kg	370	-			
Benzo (a) pyrene	370	U	ug/kg	370	-			
Indeno (1,2,3-cd) pyrene	370	U	ug/kg	370	-			
Dibenz (a,h) anthracene	370	U	ug/kg	370	-			
Benzo (g,h,i) perylene	370	U	ug/kg	370	-			

Lab Sample Number:	34553009			34553009			34566004			34553010		
Site	WHITING			WHITING			WHITING			WHITING		
Locator	33SBFB1			33SBFB1			33SBRB02			33SBRB1		
Collect Date:	01-DEC-92			01-DEC-92			02-DEC-92			01-DEC-92		
	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL
CLP SEMIVOLATILES 90-SOW																
Phenol	-				10	UJ	ug/l	10	10	UJ	ug/l	10	-			
bis(2-Chloroethyl) ether	-				10	U	ug/l	10	10	U	ug/l	10	-			
2-Chlorophenol	-				10	U	ug/l	10	10	U	ug/l	10	-			
1,3-Dichlorobenzene	-				10	U	ug/l	10	10	U	ug/l	10	-			
1,4-Dichlorobenzene	-				10	U	ug/l	10	10	U	ug/l	10	-			
1,2-Dichlorobenzene	-				10	U	ug/l	10	10	U	ug/l	10	-			
2-Methylphenol	-				10	U	ug/l	10	10	U	ug/l	10	-			
2,2-oxybis(1-Chloropropane)	-				10	U	ug/l	10	10	U	ug/l	10	-			
4-Methylphenol	-				10	U	ug/l	10	10	U	ug/l	10	-			
N-Nitroso-di-n-propylamine	-				10	U	ug/l	10	10	U	ug/l	10	-			
Hexachloroethane	-				10	U	ug/l	10	10	U	ug/l	10	-			
Nitrobenzene	-				10	U	ug/l	10	10	U	ug/l	10	-			
Isophorone	-				10	U	ug/l	10	10	U	ug/l	10	-			
2-Nitrophenol	-				10	U	ug/l	10	10	U	ug/l	10	-			
2,4-Dimethylphenol	-				10	U	ug/l	10	10	U	ug/l	10	-			
bis(2-Chloroethoxy) methane	-				10	U	ug/l	10	10	U	ug/l	10	-			
2,4-Dichlorophenol	-				10	U	ug/l	10	10	U	ug/l	10	-			
1,2,4-Trichlorobenzene	-				10	U	ug/l	10	10	U	ug/l	10	-			
Naphthalene	-				10	U	ug/l	10	10	U	ug/l	10	-			
4-Chloroaniline	-				10	U	ug/l	10	10	U	ug/l	10	-			
Hexachlorobutadiene	-				10	U	ug/l	10	10	U	ug/l	10	-			
4-Chloro-3-methylphenol	-				10	U	ug/l	10	10	U	ug/l	10	-			
2-Methylnaphthalene	-				10	U	ug/l	10	10	U	ug/l	10	-			
Hexachlorocyclopentadiene	-				10	U	ug/l	10	10	U	ug/l	10	-			
2,4,6-Trichlorophenol	-				10	U	ug/l	10	10	U	ug/l	10	-			
2,4,5-Trichlorophenol	-				25	U	ug/l	25	25	U	ug/l	25	-			
2-Chloronaphthalene	-				10	U	ug/l	10	10	U	ug/l	10	-			
2-Nitroaniline	-				25	UJ	ug/l	25	25	UJ	ug/l	25	-			
Dimethylphthalate	-				10	U	ug/l	10	10	U	ug/l	10	-			
Acenaphthylene	-				10	U	ug/l	10	10	U	ug/l	10	-			
2,6-Dinitrotoluene	-				10	U	ug/l	10	10	U	ug/l	10	-			
3-Nitroaniline	-				25	U	ug/l	25	25	U	ug/l	25	-			
Acenaphthene	-				10	U	ug/l	10	10	U	ug/l	10	-			
2,4-Dinitrophenol	-				25	UJ	ug/l	25	25	UJ	ug/l	25	-			
4-Nitrophenol	-				25	UJ	ug/l	25	25	UJ	ug/l	25	-			
Dibenzofuran	-				10	U	ug/l	10	10	U	ug/l	10	-			
2,4-Dinitrotoluene	-				10	U	ug/l	10	10	U	ug/l	10	-			
Diethylphthalate	-				10	U	ug/l	10	10	U	ug/l	10	-			
4-Chlorophenyl-phenylether	-				10	U	ug/l	10	10	U	ug/l	10	-			
Fluorene	-				10	U	ug/l	10	10	U	ug/l	10	-			
4-Nitroaniline	-				25	U	ug/l	25	25	U	ug/l	25	-			
4,6-Dinitro-2-methylphenol	-				25	U	ug/l	25	25	U	ug/l	25	-			
N-Nitrosodiphenylamine (1)	-				10	U	ug/l	10	10	U	ug/l	10	-			
4-Bromophenyl-phenylether	-				10	U	ug/l	10	10	U	ug/l	10	-			
Hexachlorobenzene	-				10	U	ug/l	10	10	U	ug/l	10	-			
Pentachlorophenol	-				25	U	ug/l	25	25	U	ug/l	25	-			
Phenanthrene	-				10	U	ug/l	10	10	U	ug/l	10	-			
Anthracene	-				10	U	ug/l	10	10	U	ug/l	10	-			
Carbazole	-				10	U	ug/l	10	10	U	ug/l	10	-			
Di-n-butylphthalate	-				10		ug/l	10	7	J	ug/l	10	-			
Fluoranthene	-				10	U	ug/l	10	10	U	ug/l	10	-			
Pyrene	-				10	U	ug/l	10	10	U	ug/l	10	-			
Butylbenzylphthalate	-				10	U	ug/l	10	10	U	ug/l	10	-			

Lab Sample Number:	34553009				34553009				34566004				34553010		
Site	WHITING				WHITING				WHITING				WHITING		
Locator	33SBFB1				33SBFB1				33SBRB02				33SBRB1		
Collect Date:	01-DEC-92				01-DEC-92				02-DEC-92				01-DEC-92		
	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL
3,3-Dichlorobenzidine	-				10	UJ	ug/l	10	10	UJ	ug/l	10	-			
Benzo (a) anthracene	-				10	U	ug/l	10	10	U	ug/l	10	-			
Chrysene	-				10	U	ug/l	10	10	U	ug/l	10	-			
bis(2-Ethylhexyl) phthalate	-				10	U	ug/l	10	10	U	ug/l	10	-			
Di-n-octylphthalate	-				10	U	ug/l	10	10	U	ug/l	10	-			
Benzo (b) fluoranthene	-				10	U	ug/l	10	10	U	ug/l	10	-			
Benzo (k) fluoranthene	-				10	U	ug/l	10	10	U	ug/l	10	-			
Benzo (a) pyrene	-				10	U	ug/l	10	10	U	ug/l	10	-			
Indeno (1,2,3-cd) pyrene	-				10	U	ug/l	10	10	U	ug/l	10	-			
Dibenz (a,h) anthracene	-				10	U	ug/l	10	10	U	ug/l	10	-			
Benzo (g,h,i) perylene	-				10	U	ug/l	10	10	U	ug/l	10	-			

Lab Sample Number:	34553010				34576008				34576008			
Site	WHITING				WHITING				WHITING			
Locator	33SBRB1				33SBRB3				33SBRB3			
Collect Date:	01-DEC-92				03-DEC-92				03-DEC-92			
	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL
CLP SEMIVOLATILES 90-SOW												
Phenol	10	UJ	ug/l	10	-				10	U	ug/l	10
bis(2-Chloroethyl) ether	10	U	ug/l	10	-				10	U	ug/l	10
2-Chlorophenol	10	U	ug/l	10	-				10	U	ug/l	10
1,3-Dichlorobenzene	10	U	ug/l	10	-				10	U	ug/l	10
1,4-Dichlorobenzene	10	U	ug/l	10	-				10	U	ug/l	10
1,2-Dichlorobenzene	10	U	ug/l	10	-				10	U	ug/l	10
2-Methylphenol	10	U	ug/l	10	-				10	U	ug/l	10
2,2-oxybis(1-Chloropropane)	10	U	ug/l	10	-				10	U	ug/l	10
4-Methylphenol	10	U	ug/l	10	-				10	U	ug/l	10
N-Nitroso-di-n-propylamine	10	U	ug/l	10	-				10	U	ug/l	10
Hexachloroethane	10	U	ug/l	10	-				10	U	ug/l	10
Nitrobenzene	10	U	ug/l	10	-				10	U	ug/l	10
Isophorone	10	U	ug/l	10	-				10	U	ug/l	10
2-Nitrophenol	10	U	ug/l	10	-				10	U	ug/l	10
2,4-Dimethylphenol	10	U	ug/l	10	-				10	U	ug/l	10
bis(2-Chloroethoxy) methane	10	U	ug/l	10	-				10	U	ug/l	10
2,4-Dichlorophenol	10	U	ug/l	10	-				10	U	ug/l	10
1,2,4-Trichlorobenzene	10	U	ug/l	10	-				10	U	ug/l	10
Naphthalene	10	U	ug/l	10	-				10	U	ug/l	10
4-Chloroaniline	10	U	ug/l	10	-				10	UJ	ug/l	10
Hexachlorobutadiene	10	U	ug/l	10	-				10	UJ	ug/l	10
4-Chloro-3-methylphenol	10	U	ug/l	10	-				10	U	ug/l	10
2-Methylnaphthalene	10	U	ug/l	10	-				10	U	ug/l	10
Hexachlorocyclopentadiene	10	U	ug/l	10	-				10	U	ug/l	10
2,4,6-Trichlorophenol	10	U	ug/l	10	-				10	U	ug/l	10
2,4,5-Trichlorophenol	25	U	ug/l	25	-				25	U	ug/l	25
2-Chloronaphthalene	10	U	ug/l	10	-				10	U	ug/l	10
2-Nitroaniline	25	UJ	ug/l	25	-				25	U	ug/l	25
Dimethylphthalate	10	U	ug/l	10	-				10	U	ug/l	10
Acenaphthylene	10	U	ug/l	10	-				10	U	ug/l	10
2,6-Dinitrotoluene	10	U	ug/l	10	-				10	U	ug/l	10
3-Nitroaniline	25	U	ug/l	25	-				25	UJ	ug/l	25
Acenaphthene	10	U	ug/l	10	-				10	U	ug/l	10
2,4-Dinitrophenol	25	UJ	ug/l	25	-				25	UJ	ug/l	25
4-Nitrophenol	25	UJ	ug/l	25	-				25	UJ	ug/l	25
Dibenzofuran	10	U	ug/l	10	-				10	U	ug/l	10
2,4-Dinitrotoluene	10	U	ug/l	10	-				10	U	ug/l	10
Diethylphthalate	10	U	ug/l	10	-				10	U	ug/l	10
4-Chlorophenyl-phenylether	10	U	ug/l	10	-				10	UJ	ug/l	10
Fluorene	10	U	ug/l	10	-				10	U	ug/l	10
4-Nitroaniline	25	U	ug/l	25	-				25	UJ	ug/l	25
4,6-Dinitro-2-methylphenol	25	U	ug/l	25	-				25	U	ug/l	25
N-Nitrosodiphenylamine (1)	10	U	ug/l	10	-				10	U	ug/l	10
4-Bromophenyl-phenylether	10	U	ug/l	10	-				10	U	ug/l	10
Hexachlorobenzene	10	U	ug/l	10	-				10	UJ	ug/l	10
Pentachlorophenol	25	U	ug/l	25	-				25	U	ug/l	25
Phenanthrene	10	U	ug/l	10	-				10	U	ug/l	10
Anthracene	10	U	ug/l	10	-				10	U	ug/l	10
Carbazole	10	U	ug/l	10	-				10	UJ	ug/l	10
Di-n-butylphthalate	8	J	ug/l	10	-				7	J	ug/l	10
Fluoranthene	10	U	ug/l	10	-				10	U	ug/l	10
Pyrene	10	U	ug/l	10	-				10	U	ug/l	10

Lab Sample Number:	34553010				34576008				34576008			
Site	WHITING				WHITING				WHITING			
Locator	33SBRB1				33SBRB3				33SBRB3			
Collect Date:	01-DEC-92				03-DEC-92				03-DEC-92			
	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL
Butylbenzylphthalate	10	U	ug/l	10	-				10	U	ug/l	10
3,3-Dichlorobenzidine	10	UJ	ug/l	10	-				10	U	ug/l	10
Benzo (a) anthracene	10	U	ug/l	10	-				10	U	ug/l	10
Chrysene	10	U	ug/l	10	-				10	U	ug/l	10
bis(2-Ethylhexyl) phthalate	10	U	ug/l	10	-				10	U	ug/l	10
Di-n-octylphthalate	10	U	ug/l	10	-				10	UJ	ug/l	10
Benzo (b) fluoranthene	10	U	ug/l	10	-				10	U	ug/l	10
Benzo (k) fluoranthene	10	U	ug/l	10	-				10	U	ug/l	10
Benzo (a) pyrene	10	U	ug/l	10	-				10	U	ug/l	10
Indeno (1,2,3-cd) pyrene	10	U	ug/l	10	-				10	U	ug/l	10
Dibenz (a,h) anthracene	10	U	ug/l	10	-				10	U	ug/l	10
Benzo (g,h,i) perylene	10	U	ug/l	10	-				10	U	ug/l	10

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SOIL BORINGS - PESTICIDES/PCBS - VALIDATED RESULTS

Lab Sample Number:	34576002				34576001				34576003			
Site	WHITING				WHITING				WHITING			
Locator	33SB1-10-12				33SB1-3-5				33SB1-25-27			
Collect Date:	03-DEC-92				03-DEC-92				03-DEC-92			
	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL
CLP PESTICIDES/PCBS 90-SOW												
alpha-BHC	1.9	UJ	ug/kg	1.9	1.8	UJ	ug/kg	1.8	1.9	UJ	ug/kg	1.9
beta-BHC	1.9	UJ	ug/kg	1.9	1.8	UJ	ug/kg	1.8	1.9	UJ	ug/kg	1.9
delta-BHC	1.9	UJ	ug/kg	1.9	1.8	UJ	ug/kg	1.8	1.9	UJ	ug/kg	1.9
gamma-BHC (Lindane)	1.9	UJ	ug/kg	1.9	1.8	UJ	ug/kg	1.8	1.9	UJ	ug/kg	1.9
Heptachlor	1.9	UJ	ug/kg	1.9	1.8	UJ	ug/kg	1.8	1.9	UJ	ug/kg	1.9
Aldrin	1.9	UJ	ug/kg	1.9	1.8	UJ	ug/kg	1.8	1.9	UJ	ug/kg	1.9
Heptachlor epoxide	1.9	UJ	ug/kg	1.9	1.8	UJ	ug/kg	1.8	1.9	UJ	ug/kg	1.9
Endosulfan I	1.9	UJ	ug/kg	1.9	1.8	UJ	ug/kg	1.8	1.9	UJ	ug/kg	1.9
Dieldrin	3.7	UJ	ug/kg	3.7	3.6	UJ	ug/kg	3.6	3.6	UJ	ug/kg	3.6
4,4-DDE	3.7	UJ	ug/kg	3.7	3.6	UJ	ug/kg	3.6	3.6	UJ	ug/kg	3.6
Endrin	3.7	UJ	ug/kg	3.7	3.6	UJ	ug/kg	3.6	3.6	UJ	ug/kg	3.6
Endosulfan II	3.7	UJ	ug/kg	3.7	3.6	UJ	ug/kg	3.6	3.6	UJ	ug/kg	3.6
4,4-DDD	3.7	UJ	ug/kg	3.7	3.6	UJ	ug/kg	3.6	3.6	UJ	ug/kg	3.6
Endosulfan sulfate	3.7	UJ	ug/kg	3.7	3.6	UJ	ug/kg	3.6	3.6	UJ	ug/kg	3.6
4,4-DDT	3.7	UJ	ug/kg	3.7	3.6	UJ	ug/kg	3.6	3.6	UJ	ug/kg	3.6
Methoxychlor	19	UJ	ug/kg	19	18	UJ	ug/kg	18	19	UJ	ug/kg	19
Endrin ketone	3.7	UJ	ug/kg	3.7	3.6	UJ	ug/kg	3.6	3.6	UJ	ug/kg	3.6
Endrin aldehyde	3.7	UJ	ug/kg	3.7	3.6	UJ	ug/kg	3.6	3.6	UJ	ug/kg	3.6
alpha-Chlordane	1.9	UJ	ug/kg	1.9	1.8	UJ	ug/kg	1.8	1.9	UJ	ug/kg	1.9
gamma-Chlordane	1.9	UJ	ug/kg	1.9	1.8	UJ	ug/kg	1.8	1.9	UJ	ug/kg	1.9
Toxaphene	190	UJ	ug/kg	190	180	UJ	ug/kg	180	190	UJ	ug/kg	190
Aroclor-1016	37	UJ	ug/kg	37	36	UJ	ug/kg	36	36	UJ	ug/kg	36
Aroclor-1221	75	UJ	ug/kg	75	73	UJ	ug/kg	73	74	UJ	ug/kg	74
Aroclor-1232	37	UJ	ug/kg	37	36	UJ	ug/kg	36	36	UJ	ug/kg	36
Aroclor-1242	37	UJ	ug/kg	37	36	UJ	ug/kg	36	36	UJ	ug/kg	36
Aroclor-1248	37	UJ	ug/kg	37	36	UJ	ug/kg	36	36	UJ	ug/kg	36
Aroclor-1254	37	UJ	ug/kg	37	36	UJ	ug/kg	36	36	UJ	ug/kg	36
Aroclor-1260	37	UJ	ug/kg	37	36	UJ	ug/kg	36	36	UJ	ug/kg	36

08/06/93 WHITING FIELD ANALYTICAL RESULT REPORT 09:41:12
SOIL BORINGS - PESTICIDES/PCBS - VALIDATED RESULTS

Lab Sample Number:	34553001				34553001DL				34553002				34553003			
Site	WHITING				WHITING				WHITING				WHITING			
Locator	33SB2-2-4				33SB2-2-4DL				33SB2-5-7				33SB2-10-12			
Collect Date:	01-DEC-92				01-DEC-92				01-DEC-92				01-DEC-92			
	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL
CLP PESTICIDES/PCBS 90-SOW																
alpha-BHC	1.9	UJ	ug/kg	1.9	9.6	UJ	ug/kg	9.6	1.9	UJ	ug/kg	1.9	1.9	U	ug/kg	1.9
beta-BHC	1.9	UJ	ug/kg	1.9	9.6	UJ	ug/kg	9.6	1.9	UJ	ug/kg	1.9	1.9	U	ug/kg	1.9
delta-BHC	1.9	UJ	ug/kg	1.9	9.6	UJ	ug/kg	9.6	1.9	UJ	ug/kg	1.9	1.9	U	ug/kg	1.9
gamma-BHC (Lindane)	1.9	UJ	ug/kg	1.9	9.6	UJ	ug/kg	9.6	1.9	UJ	ug/kg	1.9	1.9	U	ug/kg	1.9
Heptachlor	3.5	J	ug/kg	1.9	9.6	UJ	ug/kg	9.6	1.9	UJ	ug/kg	1.9	1.9	U	ug/kg	1.9
Aldrin	1.9	UJ	ug/kg	1.9	9.6	UJ	ug/kg	9.6	1.9	UJ	ug/kg	1.9	1.9	U	ug/kg	1.9
Heptachlor epoxide	1.9	UJ	ug/kg	1.9	9.6	UJ	ug/kg	9.6	1.9	UJ	ug/kg	1.9	1.9	U	ug/kg	1.9
Endosulfan I	1.9	UJ	ug/kg	1.9	9.6	UJ	ug/kg	9.6	1.9	UJ	ug/kg	1.9	1.9	U	ug/kg	1.9
Dieldrin	13	J	ug/kg	3.7	12	J	ug/kg	18	3.7	UJ	ug/kg	3.7	3.7	U	ug/kg	3.7
4,4-DDE	3.7	UJ	ug/kg	3.7	19	UJ	ug/kg	19	3.7	UJ	ug/kg	3.7	3.7	U	ug/kg	3.7
Endrin	3.7	UJ	ug/kg	3.7	19	UJ	ug/kg	19	3.7	UJ	ug/kg	3.7	3.7	U	ug/kg	3.7
Endosulfan II	3.7	UJ	ug/kg	3.7	19	UJ	ug/kg	19	3.7	UJ	ug/kg	3.7	3.7	U	ug/kg	3.7
4,4-DDD	3.7	UJ	ug/kg	3.7	19	UJ	ug/kg	19	3.7	UJ	ug/kg	3.7	3.7	U	ug/kg	3.7
Endosulfan sulfate	3.7	UJ	ug/kg	3.7	19	UJ	ug/kg	19	3.7	UJ	ug/kg	3.7	3.7	U	ug/kg	3.7
4,4-DDT	3.7	UJ	ug/kg	3.7	19	UJ	ug/kg	19	3.7	UJ	ug/kg	3.7	3.7	U	ug/kg	3.7
Methoxychlor	19	UJ	ug/kg	19	96	UJ	ug/kg	96	19	UJ	ug/kg	19	19	U	ug/kg	19
Endrin ketone	3.7	UJ	ug/kg	3.7	19	UJ	ug/kg	19	3.7	UJ	ug/kg	3.7	3.7	U	ug/kg	3.7
Endrin aldehyde	3.7	UJ	ug/kg	3.7	19	UJ	ug/kg	19	3.7	UJ	ug/kg	3.7	3.7	U	ug/kg	3.7
alpha-Chlordane	50	J	ug/kg	1.9	48	J	ug/kg	9.6	3.3	J	ug/kg	1.9	1.9	U	ug/kg	1.9
gamma-Chlordane	64	J	ug/kg	1.9	77	J	ug/kg	9.6	4.7	J	ug/kg	1.9	1.9	U	ug/kg	1.9
Toxaphene	190	UJ	ug/kg	190	960	UJ	ug/kg	960	190	UJ	ug/kg	190	190	U	ug/kg	190
Aroclor-1016	37	UJ	ug/kg	37	190	UJ	ug/kg	190	37	UJ	ug/kg	37	37	U	ug/kg	37
Aroclor-1221	75	UJ	ug/kg	75	380	UJ	ug/kg	380	76	UJ	ug/kg	76	76	U	ug/kg	76
Aroclor-1232	37	UJ	ug/kg	37	190	UJ	ug/kg	190	37	UJ	ug/kg	37	37	U	ug/kg	37
Aroclor-1242	37	UJ	ug/kg	37	190	UJ	ug/kg	190	37	UJ	ug/kg	37	37	U	ug/kg	37
Aroclor-1248	37	UJ	ug/kg	37	190	UJ	ug/kg	190	37	UJ	ug/kg	37	37	U	ug/kg	37
Aroclor-1254	37	UJ	ug/kg	37	190	UJ	ug/kg	190	37	UJ	ug/kg	37	37	U	ug/kg	37
Aroclor-1260	37	UJ	ug/kg	37	190	UJ	ug/kg	190	37	UJ	ug/kg	37	37	U	ug/kg	37

08/06/93 WHITING FIELD ANALYTICAL RESULT REPORT 09:41:12
SOIL BORINGS - PESTICIDES/PCBS - VALIDATED RESULTS

Lab Sample Number:	34553004				34578001				34578002				34578001MS			
Site	WHITING				WHITING				WHITING				WHITING			
Locator	33SB2-15-17				33SB2-35-37				33SB2-35-37A				33SB2-35-37MS			
Collect Date:	01-DEC-92				03-DEC-92				03-DEC-92				03-DEC-92			
	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL
CLP PESTICIDES/PCBS 90-SOW																
alpha-BHC	1.9	U	ug/kg	1.9	1.8	UJ	ug/kg	1.8	1.8	UJ	ug/kg	1.8	1.8	U	ug/kg	1.8
beta-BHC	1.9	U	ug/kg	1.9	1.8	UJ	ug/kg	1.8	1.8	UJ	ug/kg	1.8	1.8	U	ug/kg	1.8
delta-BHC	1.9	U	ug/kg	1.9	1.8	UJ	ug/kg	1.8	1.8	UJ	ug/kg	1.8	1.8	U	ug/kg	1.8
gamma-BHC (Lindane)	1.9	U	ug/kg	1.9	1.8	UJ	ug/kg	1.8	1.8	UJ	ug/kg	1.8	11		ug/kg	1.8
Heptachlor	1.9	U	ug/kg	1.9	1.8	UJ	ug/kg	1.8	1.8	UJ	ug/kg	1.8	12		ug/kg	1.8
Aldrin	1.9	U	ug/kg	1.9	1.8	UJ	ug/kg	1.8	1.8	UJ	ug/kg	1.8	13		ug/kg	1.8
Heptachlor epoxide	1.9	U	ug/kg	1.9	1.8	UJ	ug/kg	1.8	1.8	UJ	ug/kg	1.8	1.8	U	ug/kg	1.8
Endosulfan I	1.9	U	ug/kg	1.9	1.8	UJ	ug/kg	1.8	1.8	UJ	ug/kg	1.8	1.8	U	ug/kg	1.8
Dieldrin	3.7	U	ug/kg	3.7	3.5	UJ	ug/kg	3.5	3.5	UJ	ug/kg	3.5	24		ug/kg	3.5
4,4-DDE	3.7	U	ug/kg	3.7	3.5	UJ	ug/kg	3.5	3.5	UJ	ug/kg	3.5	3.5	U	ug/kg	3.5
Endrin	3.7	U	ug/kg	3.7	3.5	UJ	ug/kg	3.5	3.5	UJ	ug/kg	3.5	25		ug/kg	3.5
Endosulfan II	3.7	U	ug/kg	3.7	3.5	UJ	ug/kg	3.5	3.5	UJ	ug/kg	3.5	3.5	U	ug/kg	3.5
4,4-DDD	3.7	U	ug/kg	3.7	3.5	UJ	ug/kg	3.5	3.5	UJ	ug/kg	3.5	3.5	U	ug/kg	3.5
Endosulfan sulfate	3.7	U	ug/kg	3.7	3.5	UJ	ug/kg	3.5	3.5	UJ	ug/kg	3.5	3.5	U	ug/kg	3.5
4,4-DDT	3.7	U	ug/kg	3.7	3.5	UJ	ug/kg	3.5	3.5	UJ	ug/kg	3.5	24		ug/kg	3.5
Methoxychlor	19	U	ug/kg	19	18	UJ	ug/kg	18	18	UJ	ug/kg	18	18	U	ug/kg	18
Endrin ketone	3.7	U	ug/kg	3.7	3.5	UJ	ug/kg	3.5	3.5	UJ	ug/kg	3.5	3.5	U	ug/kg	3.5
Endrin aldehyde	3.7	U	ug/kg	3.7	3.5	UJ	ug/kg	3.5	3.5	UJ	ug/kg	3.5	3.5	U	ug/kg	3.5
alpha-Chlordane	1.9	U	ug/kg	1.9	1.8	UJ	ug/kg	1.8	1.8	UJ	ug/kg	1.8	1.8	U	ug/kg	1.8
gamma-Chlordane	1.9	U	ug/kg	1.9	1.8	UJ	ug/kg	1.8	1.8	UJ	ug/kg	1.8	1.8	U	ug/kg	1.8
Toxaphene	190	U	ug/kg	190	180	UJ	ug/kg	180	180	UJ	ug/kg	180	180	U	ug/kg	180
Aroclor-1016	37	U	ug/kg	37	35	UJ	ug/kg	35	35	UJ	ug/kg	35	35	U	ug/kg	35
Aroclor-1221	74	U	ug/kg	74	71	UJ	ug/kg	71	71	UJ	ug/kg	71	71	U	ug/kg	71
Aroclor-1232	37	U	ug/kg	37	35	UJ	ug/kg	35	35	UJ	ug/kg	35	35	U	ug/kg	35
Aroclor-1242	37	U	ug/kg	37	35	UJ	ug/kg	35	35	UJ	ug/kg	35	35	U	ug/kg	35
Aroclor-1248	37	U	ug/kg	37	35	UJ	ug/kg	35	35	UJ	ug/kg	35	35	U	ug/kg	35
Aroclor-1254	37	U	ug/kg	37	35	UJ	ug/kg	35	35	UJ	ug/kg	35	35	U	ug/kg	35
Aroclor-1260	37	U	ug/kg	37	35	UJ	ug/kg	35	35	UJ	ug/kg	35	35	U	ug/kg	35

08/06/93 WHITING FIELD ANALYTICAL RESULT REPORT 09:41:12
SOIL BORINGS - PESTICIDES/PCBS - VALIDATED RESULTS

Lab Sample Number:	34578001MS				34576004				34576005				34576006			
Site	WHITING				WHITING				WHITING				WHITING			
Locator	33SB2-35-37MSD				33SB2-60-62				33SB2-80-82				33SB2-95-97			
Collect Date:	03-DEC-92				03-DEC-92				03-DEC-92				03-DEC-92			
	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL
CLP PESTICIDES/PCBS 90-SOW																
alpha-BHC	1.8	U	ug/kg	1.8	1.8	UJ	ug/kg	1.8	2	UJ	ug/kg	2	1.8	UJ	ug/kg	1.8
beta-BHC	1.8	U	ug/kg	1.8	1.8	UJ	ug/kg	1.8	2	UJ	ug/kg	2	1.8	UJ	ug/kg	1.8
delta-BHC	1.8	U	ug/kg	1.8	1.8	UJ	ug/kg	1.8	2	UJ	ug/kg	2	1.8	UJ	ug/kg	1.8
gamma-BHC (Lindane)	11		ug/kg	1.8	1.8	UJ	ug/kg	1.8	2	UJ	ug/kg	2	1.8	UJ	ug/kg	1.8
Heptachlor	12		ug/kg	1.8	1.8	UJ	ug/kg	1.8	2	UJ	ug/kg	2	1.8	UJ	ug/kg	1.8
Aldrin	12		ug/kg	1.8	1.8	UJ	ug/kg	1.8	2	UJ	ug/kg	2	1.8	UJ	ug/kg	1.8
Heptachlor epoxide	1.8	U	ug/kg	1.8	1.8	UJ	ug/kg	1.8	2	UJ	ug/kg	2	1.8	UJ	ug/kg	1.8
Endosulfan I	1.8	U	ug/kg	1.8	1.8	UJ	ug/kg	1.8	2	UJ	ug/kg	2	1.8	UJ	ug/kg	1.8
Dieldrin	24		ug/kg	3.5	3.5	UJ	ug/kg	3.5	3.8	UJ	ug/kg	3.8	3.4	UJ	ug/kg	3.4
4,4-DDE	3.5	U	ug/kg	3.5	3.5	UJ	ug/kg	3.5	3.8	UJ	ug/kg	3.8	3.4	UJ	ug/kg	3.4
Endrin	25		ug/kg	3.5	3.5	UJ	ug/kg	3.5	3.8	UJ	ug/kg	3.8	3.4	UJ	ug/kg	3.4
Endosulfan II	3.5	U	ug/kg	3.5	3.5	UJ	ug/kg	3.5	3.8	UJ	ug/kg	3.8	3.4	UJ	ug/kg	3.4
4,4-DDD	3.5	U	ug/kg	3.5	3.5	UJ	ug/kg	3.5	3.8	UJ	ug/kg	3.8	3.4	UJ	ug/kg	3.4
Endosulfan sulfate	3.5	U	ug/kg	3.5	3.5	UJ	ug/kg	3.5	3.8	UJ	ug/kg	3.8	3.4	UJ	ug/kg	3.4
4,4-DDT	24		ug/kg	3.5	3.5	UJ	ug/kg	3.5	3.8	UJ	ug/kg	3.8	3.4	UJ	ug/kg	3.4
Methoxychlor	18	U	ug/kg	18	18	UJ	ug/kg	18	20	UJ	ug/kg	20	18	UJ	ug/kg	18
Endrin ketone	3.5	U	ug/kg	3.5	3.5	UJ	ug/kg	3.5	3.8	UJ	ug/kg	3.8	3.4	UJ	ug/kg	3.4
Endrin aldehyde	3.5	U	ug/kg	3.5	3.5	UJ	ug/kg	3.5	3.8	UJ	ug/kg	3.8	3.4	UJ	ug/kg	3.4
alpha-Chlordane	1.8	U	ug/kg	1.8	1.8	UJ	ug/kg	1.8	2	UJ	ug/kg	2	1.8	UJ	ug/kg	1.8
gamma-Chlordane	1.8	U	ug/kg	1.8	1.8	UJ	ug/kg	1.8	2	UJ	ug/kg	2	1.8	UJ	ug/kg	1.8
Toxaphene	180	U	ug/kg	180	180	UJ	ug/kg	180	200	UJ	ug/kg	200	180	UJ	ug/kg	180
Aroclor-1016	35	U	ug/kg	35	35	UJ	ug/kg	35	38	UJ	ug/kg	38	34	UJ	ug/kg	34
Aroclor-1221	71	U	ug/kg	71	72	UJ	ug/kg	72	77	UJ	ug/kg	77	70	UJ	ug/kg	70
Aroclor-1232	35	U	ug/kg	35	35	UJ	ug/kg	35	38	UJ	ug/kg	38	34	UJ	ug/kg	34
Aroclor-1242	35	U	ug/kg	35	35	UJ	ug/kg	35	38	UJ	ug/kg	38	34	UJ	ug/kg	34
Aroclor-1248	35	U	ug/kg	35	35	UJ	ug/kg	35	38	UJ	ug/kg	38	34	UJ	ug/kg	34
Aroclor-1254	35	U	ug/kg	35	35	UJ	ug/kg	35	38	UJ	ug/kg	38	34	UJ	ug/kg	34
Aroclor-1260	35	U	ug/kg	35	35	UJ	ug/kg	35	38	UJ	ug/kg	38	34	UJ	ug/kg	34

08/06/93 WHITING FIELD ANALYTICAL RESULT REPORT 09:41:12
SOIL BORINGS - PESTICIDES/PCBS - VALIDATED RESULTS

Lab Sample Number:	34576007
Site	WHITING
Locator	33SB2-120-122
Collect Date:	03-DEC-92

	VALUE	QUAL	UNITS	DL
CLP PESTICIDES/PCBS 90-SOW				
alpha-BHC	2	UJ	ug/kg	2
beta-BHC	2	UJ	ug/kg	2
delta-BHC	2	UJ	ug/kg	2
gamma-BHC (Lindane)	2	UJ	ug/kg	2
Heptachlor	2	UJ	ug/kg	2
Aldrin	2	UJ	ug/kg	2
Heptachlor epoxide	2	UJ	ug/kg	2
Endosulfan I	2	UJ	ug/kg	2
Dieldrin	4	UJ	ug/kg	4
4,4-DDE	2.4	J	ug/kg	4
Endrin	4	UJ	ug/kg	4
Endosulfan II	4	UJ	ug/kg	4
4,4-DDD	4	UJ	ug/kg	4
Endosulfan sulfate	4	UJ	ug/kg	4
4,4-DDT	13	J	ug/kg	4
Methoxychlor	20	UJ	ug/kg	20
Endrin ketone	4	UJ	ug/kg	4
Endrin aldehyde	4	UJ	ug/kg	4
alpha-Chlordane	2	UJ	ug/kg	2
gamma-Chlordane	2	UJ	ug/kg	2
Toxaphene	200	UJ	ug/kg	200
Aroclor-1016	40	UJ	ug/kg	40
Aroclor-1221	81	UJ	ug/kg	81
Aroclor-1232	40	UJ	ug/kg	40
Aroclor-1242	40	UJ	ug/kg	40
Aroclor-1248	40	UJ	ug/kg	40
Aroclor-1254	40	UJ	ug/kg	40
Aroclor-1260	40	UJ	ug/kg	40

08/06/93 WHITING FIELD ANALYTICAL RESULT REPORT 09:43:52
SOIL BORINGS - PESTICIDES/PCBS - VALIDATED RESULTS

	34553006				34553005				34553007			
Lab Sample Number:												
Site	WHITING				WHITING				WHITING			
Locator	33SB3-10-12				33SB3-4-6				33SB3-15-17			
Collect Date:	01-DEC-92				01-DEC-92				01-DEC-92			
	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL
CLP PESTICIDES/PCBS 90-SOW												
alpha-BHC	1.9	UJ	ug/kg	1.9	1.8	UJ	ug/kg	1.8	1.9	UJ	ug/kg	1.9
beta-BHC	1.9	UJ	ug/kg	1.9	1.8	UJ	ug/kg	1.8	1.9	UJ	ug/kg	1.9
delta-BHC	1.9	UJ	ug/kg	1.9	1.8	UJ	ug/kg	1.8	1.9	UJ	ug/kg	1.9
gamma-BHC (Lindane)	1.9	UJ	ug/kg	1.9	1.8	UJ	ug/kg	1.8	1.9	UJ	ug/kg	1.9
Heptachlor	1.9	UJ	ug/kg	1.9	1.8	UJ	ug/kg	1.8	1.9	UJ	ug/kg	1.9
Aldrin	1.9	UJ	ug/kg	1.9	1.8	UJ	ug/kg	1.8	1.9	UJ	ug/kg	1.9
Heptachlor epoxide	1.9	UJ	ug/kg	1.9	1.8	UJ	ug/kg	1.8	1.9	UJ	ug/kg	1.9
Endosulfan I	1.9	UJ	ug/kg	1.9	1.8	UJ	ug/kg	1.8	1.9	UJ	ug/kg	1.9
Dieldrin	3.7	UJ	ug/kg	3.7	3.6	UJ	ug/kg	3.6	3.7	UJ	ug/kg	3.7
4,4-DDE	3.7	UJ	ug/kg	3.7	3.6	UJ	ug/kg	3.6	3.7	UJ	ug/kg	3.7
Endrin	3.7	UJ	ug/kg	3.7	3.6	UJ	ug/kg	3.6	3.7	UJ	ug/kg	3.7
Endosulfan II	3.7	UJ	ug/kg	3.7	3.6	UJ	ug/kg	3.6	3.7	UJ	ug/kg	3.7
4,4-DDD	3.7	UJ	ug/kg	3.7	3.6	UJ	ug/kg	3.6	3.7	UJ	ug/kg	3.7
Endosulfan sulfate	3.7	UJ	ug/kg	3.7	3.6	UJ	ug/kg	3.6	3.7	UJ	ug/kg	3.7
4,4-DDT	3.7	UJ	ug/kg	3.7	3.6	UJ	ug/kg	3.6	3.7	UJ	ug/kg	3.7
Methoxychlor	19	UJ	ug/kg	19	18	UJ	ug/kg	18	19	UJ	ug/kg	19
Endrin ketone	3.7	UJ	ug/kg	3.7	3.6	UJ	ug/kg	3.6	3.7	UJ	ug/kg	3.7
Endrin aldehyde	3.7	UJ	ug/kg	3.7	3.6	UJ	ug/kg	3.6	3.7	UJ	ug/kg	3.7
alpha-Chlordane	1.9	UJ	ug/kg	1.9	1.8	UJ	ug/kg	1.8	1.9	UJ	ug/kg	1.9
gamma-Chlordane	1.9	UJ	ug/kg	1.9	1.8	UJ	ug/kg	1.8	1.9	UJ	ug/kg	1.9
Toxaphene	190	UJ	ug/kg	190	180	UJ	ug/kg	180	190	UJ	ug/kg	190
Aroclor-1016	37	UJ	ug/kg	37	36	UJ	ug/kg	36	37	UJ	ug/kg	37
Aroclor-1221	74	UJ	ug/kg	74	73	UJ	ug/kg	73	74	UJ	ug/kg	74
Aroclor-1232	37	UJ	ug/kg	37	36	UJ	ug/kg	36	37	UJ	ug/kg	37
Aroclor-1242	37	UJ	ug/kg	37	36	UJ	ug/kg	36	37	UJ	ug/kg	37
Aroclor-1248	37	UJ	ug/kg	37	36	UJ	ug/kg	36	37	UJ	ug/kg	37
Aroclor-1254	37	UJ	ug/kg	37	36	UJ	ug/kg	36	37	UJ	ug/kg	37
Aroclor-1260	37	UJ	ug/kg	37	36	UJ	ug/kg	36	37	UJ	ug/kg	37

SOIL BORINGS - PESTICIDES/PCBS - VALIDATED RESULTS

	34566001				34566002				34566003			
Lab Sample Number:												
Site	WHITING				WHITING				WHITING			
Locator	33SB4-3-5				33SB4-5-7				33SB4-15-17			
Collect Date:	02-DEC-92				02-DEC-92				02-DEC-92			
	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL
CLP PESTICIDES/PCBS 90-SOW												
alpha-BHC	1.9	UJ	ug/kg	1.9	1.9	UJ	ug/kg	1.9	1.9	UJ	ug/kg	1.9
beta-BHC	1.9	UJ	ug/kg	1.9	1.9	UJ	ug/kg	1.9	1.9	UJ	ug/kg	1.9
delta-BHC	1.9	UJ	ug/kg	1.9	1.9	UJ	ug/kg	1.9	1.9	UJ	ug/kg	1.9
gamma-BHC (Lindane)	1.9	UJ	ug/kg	1.9	1.9	UJ	ug/kg	1.9	1.9	UJ	ug/kg	1.9
Heptachlor	1.9	UJ	ug/kg	1.9	1.9	UJ	ug/kg	1.9	1.9	UJ	ug/kg	1.9
Aldrin	1.9	UJ	ug/kg	1.9	1.9	UJ	ug/kg	1.9	1.9	UJ	ug/kg	1.9
Heptachlor epoxide	1.9	UJ	ug/kg	1.9	1.9	UJ	ug/kg	1.9	1.9	UJ	ug/kg	1.9
Endosulfan I	1.9	UJ	ug/kg	1.9	1.9	UJ	ug/kg	1.9	1.9	UJ	ug/kg	1.9
Dieldrin	3.6	UJ	ug/kg	3.6	3.7	UJ	ug/kg	3.7	3.6	UJ	ug/kg	3.6
4,4-DDE	3.6	UJ	ug/kg	3.6	3.7	UJ	ug/kg	3.7	3.6	UJ	ug/kg	3.6
Endrin	3.6	UJ	ug/kg	3.6	3.7	UJ	ug/kg	3.7	3.6	UJ	ug/kg	3.6
Endosulfan II	3.6	UJ	ug/kg	3.6	3.7	UJ	ug/kg	3.7	3.6	UJ	ug/kg	3.6
4,4-DDD	3.6	UJ	ug/kg	3.6	3.7	UJ	ug/kg	3.7	3.6	UJ	ug/kg	3.6
Endosulfan sulfate	3.6	UJ	ug/kg	3.6	3.7	UJ	ug/kg	3.7	3.6	UJ	ug/kg	3.6
4,4-DDT	3.6	UJ	ug/kg	3.6	3.7	UJ	ug/kg	3.7	3.6	UJ	ug/kg	3.6
Methoxychlor	19	UJ	ug/kg	19	19	UJ	ug/kg	19	19	UJ	ug/kg	19
Endrin ketone	3.6	UJ	ug/kg	3.6	3.7	UJ	ug/kg	3.7	3.6	UJ	ug/kg	3.6
Endrin aldehyde	3.6	UJ	ug/kg	3.6	3.7	UJ	ug/kg	3.7	3.6	UJ	ug/kg	3.6
alpha-Chlordane	1.9	UJ	ug/kg	1.9	1.9	UJ	ug/kg	1.9	1.9	UJ	ug/kg	1.9
gamma-Chlordane	1.9	UJ	ug/kg	1.9	1.9	UJ	ug/kg	1.9	1.9	UJ	ug/kg	1.9
Toxaphene	190	UJ	ug/kg	190	190	UJ	ug/kg	190	190	UJ	ug/kg	190
Aroclor-1016	36	UJ	ug/kg	36	37	UJ	ug/kg	37	36	UJ	ug/kg	36
Aroclor-1221	74	UJ	ug/kg	74	75	UJ	ug/kg	75	74	UJ	ug/kg	74
Aroclor-1232	36	UJ	ug/kg	36	37	UJ	ug/kg	37	36	UJ	ug/kg	36
Aroclor-1242	36	UJ	ug/kg	36	37	UJ	ug/kg	37	36	UJ	ug/kg	36
Aroclor-1248	36	UJ	ug/kg	36	37	UJ	ug/kg	37	36	UJ	ug/kg	36
Aroclor-1254	36	UJ	ug/kg	36	37	UJ	ug/kg	37	36	UJ	ug/kg	36
Aroclor-1260	36	UJ	ug/kg	36	37	UJ	ug/kg	37	36	UJ	ug/kg	36

08/06/93 WHITING FIELD ANAL..CAL RESULT REPORT 09:47:35
SOIL BORINGS - PESTICIDES/PCBS - VALIDATED RESULTS

Lab Sample Number:	34607001				34607001				34607002				34607002			
Site	WHITING				WHITING				WHITING				WHITING			
Locator	33SB5-0-2				33SB5-0-2				33SB5-0-2A				33SB5-0-2A			
Collect Date:	06-DEC-92				06-DEC-92				06-DEC-92				06-DEC-92			
	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL
CLP PESTICIDES/PCBS 90-SOW																
alpha-BHC	2	UJ	ug/kg	2	-				2	UJ	ug/kg	2	-			
beta-BHC	2	UJ	ug/kg	2	-				2	UJ	ug/kg	2	-			
delta-BHC	2	UJ	ug/kg	2	-				2	UJ	ug/kg	2	-			
gamma-BHC (Lindane)	2	UJ	ug/kg	2	-				2	UJ	ug/kg	2	-			
Heptachlor	2	UJ	ug/kg	2	-				2	UJ	ug/kg	2	-			
Aldrin	2	UJ	ug/kg	2	-				2	UJ	ug/kg	2	-			
Heptachlor epoxide	2	UJ	ug/kg	2	-				2	UJ	ug/kg	2	-			
Endosulfan I	2	UJ	ug/kg	2	-				2	UJ	ug/kg	2	-			
Dieldrin	3.9	UJ	ug/kg	3.9	-				3.8	UJ	ug/kg	3.8	-			
4,4-DDE	3.9	UJ	ug/kg	3.9	-				3.8	UJ	ug/kg	3.8	-			
Endrin	3.9	UJ	ug/kg	3.9	-				3.8	UJ	ug/kg	3.8	-			
Endosulfan II	3.9	UJ	ug/kg	3.9	-				3.8	UJ	ug/kg	3.8	-			
4,4-DDD	3.9	UJ	ug/kg	3.9	-				3.8	UJ	ug/kg	3.8	-			
Endosulfan sulfate	3.9	UJ	ug/kg	3.9	-				3.8	UJ	ug/kg	3.8	-			
4,4-DDT	3.9	UJ	ug/kg	3.9	-				3.8	UJ	ug/kg	3.8	-			
Methoxychlor	20	UJ	ug/kg	20	-				20	UJ	ug/kg	20	-			
Endrin ketone	3.9	UJ	ug/kg	3.9	-				3.8	UJ	ug/kg	3.8	-			
Endrin aldehyde	3.9	UJ	ug/kg	3.9	-				3.8	UJ	ug/kg	3.8	-			
alpha-Chlordane	2	UJ	ug/kg	2	-				2	UJ	ug/kg	2	-			
gamma-Chlordane	2	UJ	ug/kg	2	-				2	UJ	ug/kg	2	-			
Toxaphene	200	UJ	ug/kg	200	-				200	UJ	ug/kg	200	-			
Aroclor-1016	39	UJ	ug/kg	39	-				38	UJ	ug/kg	38	-			
Aroclor-1221	79	UJ	ug/kg	79	-				78	UJ	ug/kg	78	-			
Aroclor-1232	39	UJ	ug/kg	39	-				38	UJ	ug/kg	38	-			
Aroclor-1242	39	UJ	ug/kg	39	-				38	UJ	ug/kg	38	-			
Aroclor-1248	39	UJ	ug/kg	39	-				38	UJ	ug/kg	38	-			
Aroclor-1254	39	UJ	ug/kg	39	-				38	UJ	ug/kg	38	-			
Aroclor-1260	39	UJ	ug/kg	39	-				38	UJ	ug/kg	38	-			

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SOIL BORINGS - PESTICIDES/PCBS - VALIDATED RESULTS

Lab Sample Number:	34607003				34607003			34607004			34607004	
Site	WHITING				WHITING			WHITING			WHITING	
Locator	33SB5-5-7				33SB5-5-7			33SB5-10-12			33SB5-10-12	
Collect Date:	06-DEC-92				06-DEC-92			06-DEC-92			06-DEC-92	
	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL
CLP PESTICIDES/PCBS 90-SOW																
alpha-BHC	2	UJ	ug/kg	2	-				2	UJ	ug/kg	2	-			
beta-BHC	2	UJ	ug/kg	2	-				2	UJ	ug/kg	2	-			
delta-BHC	2	UJ	ug/kg	2	-				2	UJ	ug/kg	2	-			
gamma-BHC (Lindane)	2	UJ	ug/kg	2	-				2	UJ	ug/kg	2	-			
Heptachlor	2	UJ	ug/kg	2	-				2	UJ	ug/kg	2	-			
Aldrin	2	UJ	ug/kg	2	-				2	UJ	ug/kg	2	-			
Heptachlor epoxide	2	UJ	ug/kg	2	-				2	UJ	ug/kg	2	-			
Endosulfan I	2	UJ	ug/kg	2	-				2	UJ	ug/kg	2	-			
Dieldrin	3.8	UJ	ug/kg	3.8	-				3.8	UJ	ug/kg	3.8	-			
4,4-DDE	3.8	UJ	ug/kg	3.8	-				3.8	UJ	ug/kg	3.8	-			
Endrin	3.8	UJ	ug/kg	3.8	-				3.8	UJ	ug/kg	3.8	-			
Endosulfan II	3.8	UJ	ug/kg	3.8	-				3.8	UJ	ug/kg	3.8	-			
4,4-DDD	3.8	UJ	ug/kg	3.8	-				3.8	UJ	ug/kg	3.8	-			
Endosulfan sulfate	3.8	UJ	ug/kg	3.8	-				3.8	UJ	ug/kg	3.8	-			
4,4-DDT	3.8	UJ	ug/kg	3.8	-				3.8	UJ	ug/kg	3.8	-			
Methoxychlor	20	UJ	ug/kg	20	-				20	UJ	ug/kg	20	-			
Endrin ketone	3.8	UJ	ug/kg	3.8	-				3.8	UJ	ug/kg	3.8	-			
Endrin aldehyde	3.8	UJ	ug/kg	3.8	-				3.8	UJ	ug/kg	3.8	-			
alpha-Chlordane	2	UJ	ug/kg	2	-				2	UJ	ug/kg	2	-			
gamma-Chlordane	2	UJ	ug/kg	2	-				2	UJ	ug/kg	2	-			
Toxaphene	200	UJ	ug/kg	200	-				200	UJ	ug/kg	200	-			
Aroclor-1016	38	UJ	ug/kg	38	-				38	UJ	ug/kg	38	-			
Aroclor-1221	77	UJ	ug/kg	77	-				77	UJ	ug/kg	77	-			
Aroclor-1232	38	UJ	ug/kg	38	-				38	UJ	ug/kg	38	-			
Aroclor-1242	38	UJ	ug/kg	38	-				38	UJ	ug/kg	38	-			
Aroclor-1248	38	UJ	ug/kg	38	-				38	UJ	ug/kg	38	-			
Aroclor-1254	38	UJ	ug/kg	38	-				38	UJ	ug/kg	38	-			
Aroclor-1260	38	UJ	ug/kg	38	-				38	UJ	ug/kg	38	-			

SOIL BORINGS - PESTICIDES/PCBS - VALIDATED RESULTS

Lab Sample Number:	34607005				34607005			
Site	WHITING				WHITING			
Locator	33SB5-20-22				33SB5-20-22			
Collect Date:	06-DEC-92				06-DEC-92			
	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL
CLP PESTICIDES/PCBS 90-SOW								
alpha-BHC	1.9	UJ	ug/kg	1.9	-			
beta-BHC	1.9	UJ	ug/kg	1.9	-			
delta-BHC	1.9	UJ	ug/kg	1.9	-			
gamma-BHC (Lindane)	1.9	UJ	ug/kg	1.9	-			
Heptachlor	1.9	UJ	ug/kg	1.9	-			
Aldrin	1.9	UJ	ug/kg	1.9	-			
Heptachlor epoxide	1.9	UJ	ug/kg	1.9	-			
Endosulfan I	1.9	UJ	ug/kg	1.9	-			
Dieldrin	3.7	UJ	ug/kg	3.7	-			
4,4-DDE	3.7	UJ	ug/kg	3.7	-			
Endrin	3.7	UJ	ug/kg	3.7	-			
Endosulfan II	3.7	UJ	ug/kg	3.7	-			
4,4-DDD	3.7	UJ	ug/kg	3.7	-			
Endosulfan sulfate	3.7	UJ	ug/kg	3.7	-			
4,4-DDT	3.7	UJ	ug/kg	3.7	-			
Methoxychlor	19	UJ	ug/kg	19	-			
Endrin ketone	3.7	UJ	ug/kg	3.7	-			
Endrin aldehyde	3.7	UJ	ug/kg	3.7	-			
alpha-Chlordane	1.9	UJ	ug/kg	1.9	-			
gamma-Chlordane	1.9	UJ	ug/kg	1.9	-			
Toxaphene	190	UJ	ug/kg	190	-			
Aroclor-1016	37	UJ	ug/kg	37	-			
Aroclor-1221	75	UJ	ug/kg	75	-			
Aroclor-1232	37	UJ	ug/kg	37	-			
Aroclor-1242	37	UJ	ug/kg	37	-			
Aroclor-1248	37	UJ	ug/kg	37	-			
Aroclor-1254	37	UJ	ug/kg	37	-			
Aroclor-1260	37	UJ	ug/kg	37	-			

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SOIL BORINGS - PESTICIDES/PCBS - VALIDATED RESULTS

Lab Sample Number:	34553009				34553009				34566004				34553010		
Site	WHITING				WHITING				WHITING				WHITING		
Locator	33SBFB1				33SBFB1				33SBRB02				33SBRB1		
Collect Date:	01-DEC-92				01-DEC-92				02-DEC-92				01-DEC-92		
	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL
CLP PESTICIDES/PCBS 90-SOW																
alpha-BHC	-				.05	UJ	ug/l	.05	.05	UJ	ug/l	.05	-			
beta-BHC	-				.05	UJ	ug/l	.05	.05	UJ	ug/l	.05	-			
delta-BHC	-				.05	UJ	ug/l	.05	.05	UJ	ug/l	.05	-			
gamma-BHC (Lindane)	-				.05	UJ	ug/l	.05	.05	UJ	ug/l	.05	-			
Heptachlor	-				.05	UJ	ug/l	.05	.05	UJ	ug/l	.05	-			
Aldrin	-				.05	UJ	ug/l	.05	.05	UJ	ug/l	.05	-			
Heptachlor epoxide	-				.05	UJ	ug/l	.05	.05	UJ	ug/l	.05	-			
Endosulfan I	-				.05	UJ	ug/l	.05	.05	UJ	ug/l	.05	-			
Dieldrin	-				.1	UJ	ug/l	.1	.1	UJ	ug/l	.1	-			
4,4-DDE	-				.1	UJ	ug/l	.1	.1	UJ	ug/l	.1	-			
Endrin	-				.1	UJ	ug/l	.1	.1	UJ	ug/l	.1	-			
Endosulfan II	-				.1	UJ	ug/l	.1	.1	UJ	ug/l	.1	-			
4,4-DDD	-				.1	UJ	ug/l	.1	.1	UJ	ug/l	.1	-			
Endosulfan sulfate	-				.1	UJ	ug/l	.1	.1	UJ	ug/l	.1	-			
4,4-DDT	-				.1	UJ	ug/l	.1	.1	UJ	ug/l	.1	-			
Methoxychlor	-				.5	UJ	ug/l	.5	.5	UJ	ug/l	.5	-			
Endrin ketone	-				.1	UJ	ug/l	.1	.1	UJ	ug/l	.1	-			
Endrin aldehyde	-				.1	UJ	ug/l	.1	.1	UJ	ug/l	.1	-			
alpha-Chlordane	-				.05	UJ	ug/l	.05	.05	UJ	ug/l	.05	-			
gamma-Chlordane	-				.05	UJ	ug/l	.05	.05	UJ	ug/l	.05	-			
Toxaphene	-				5	UJ	ug/l	5	5	UJ	ug/l	5	-			
Aroclor-1016	-				1	UJ	ug/l	1	1	UJ	ug/l	1	-			
Aroclor-1221	-				2	UJ	ug/l	2	2	UJ	ug/l	2	-			
Aroclor-1232	-				1	UJ	ug/l	1	1	UJ	ug/l	1	-			
Aroclor-1242	-				1	UJ	ug/l	1	1	UJ	ug/l	1	-			
Aroclor-1248	-				1	UJ	ug/l	1	1	UJ	ug/l	1	-			
Aroclor-1254	-				1	UJ	ug/l	1	1	UJ	ug/l	1	-			
Aroclor-1260	-				1	UJ	ug/l	1	1	UJ	ug/l	1	-			

08/06/93 WHITING FIELD ANAL. .CAL RESULT REPORT 09:50:10
SOIL BORINGS - PESTICIDES/PCBS - VALIDATED RESULTS

Lab Sample Number:	34553010				34576008				34576008			
Site	WHITING				WHITING				WHITING			
Locator	33SBRB1				33SBRB3				33SBRB3			
Collect Date:	01-DEC-92				03-DEC-92				03-DEC-92			
	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL
CLP PESTICIDES/PCBS 90-SOW												
alpha-BHC	.05	UJ	ug/l	.05	-				.05	UJ	ug/l	.05
beta-BHC	.05	UJ	ug/l	.05	-				.05	UJ	ug/l	.05
delta-BHC	.05	UJ	ug/l	.05	-				.05	UJ	ug/l	.05
gamma-BHC (Lindane)	.05	UJ	ug/l	.05	-				.05	UJ	ug/l	.05
Heptachlor	.05	UJ	ug/l	.05	-				.05	UJ	ug/l	.05
Aldrin	.05	UJ	ug/l	.05	-				.05	UJ	ug/l	.05
Heptachlor epoxide	.05	UJ	ug/l	.05	-				.05	UJ	ug/l	.05
Endosulfan I	.05	UJ	ug/l	.05	-				.05	UJ	ug/l	.05
Dieldrin	.1	UJ	ug/l	.1	-				.1	UJ	ug/l	.1
4,4-DDE	.1	UJ	ug/l	.1	-				.1	UJ	ug/l	.1
Endrin	.1	UJ	ug/l	.1	-				.1	UJ	ug/l	.1
Endosulfan II	.1	UJ	ug/l	.1	-				.1	UJ	ug/l	.1
4,4-DDD	.1	UJ	ug/l	.1	-				.1	UJ	ug/l	.1
Endosulfan sulfate	.1	UJ	ug/l	.1	-				.1	UJ	ug/l	.1
4,4-DDT	.1	UJ	ug/l	.1	-				.1	UJ	ug/l	.1
Methoxychlor	.5	UJ	ug/l	.5	-				.5	UJ	ug/l	.5
Endrin ketone	.1	UJ	ug/l	.1	-				.1	UJ	ug/l	.1
Endrin aldehyde	.1	UJ	ug/l	.1	-				.1	UJ	ug/l	.1
alpha-Chlordane	.05	UJ	ug/l	.05	-				.05	UJ	ug/l	.05
gamma-Chlordane	.05	UJ	ug/l	.05	-				.05	UJ	ug/l	.05
Toxaphene	5	UJ	ug/l	5	-				5	UJ	ug/l	5
Aroclor-1016	1	UJ	ug/l	1	-				1	UJ	ug/l	1
Aroclor-1221	2	UJ	ug/l	2	-				2	UJ	ug/l	2
Aroclor-1232	1	UJ	ug/l	1	-				1	UJ	ug/l	1
Aroclor-1242	1	UJ	ug/l	1	-				1	UJ	ug/l	1
Aroclor-1248	1	UJ	ug/l	1	-				1	UJ	ug/l	1
Aroclor-1254	1	UJ	ug/l	1	-				1	UJ	ug/l	1
Aroclor-1260	1	UJ	ug/l	1	-				1	UJ	ug/l	1

08/06/93 WHITING FIELD ANAL. AL RESULT REPORT 09:27:52
SOIL BORINGS - METALS & CYANIDES - VALIDATED RESULTS

	Lab Sample Number:	34576002				34576001				34576003			
	Site	WHITING				WHITING				WHITING			
	Locator	33SB1-10-12				33SB1-3-5				33SB1-25-27			
	Collect Date:	03-DEC-92				03-DEC-92				03-DEC-92			
		VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL
CLP METALS AND CYANIDE													
Aluminum		29900		mg/kg	40	13700		mg/kg	40	3190		mg/kg	40
Antimony		2.7	U	mg/kg	12	2.6	U	mg/kg	12	2.6	U	mg/kg	12
Arsenic		1.5	J	mg/kg	2	.76	J	mg/kg	2	1.2	J	mg/kg	2
Barium		9.1	J	mg/kg	40	14.9	J	mg/kg	40	3.4	J	mg/kg	40
Beryllium		.11	U	mg/kg	1	.11	U	mg/kg	1	.11	U	mg/kg	1
Cadmium		.88	J	mg/kg	1	.6	J	mg/kg	1	.45	J	mg/kg	1
Calcium		399	J	mg/kg	1000	374	J	mg/kg	1000	141	J	mg/kg	1000
Chromium		20		mg/kg	2	8.6		mg/kg	2	5.4		mg/kg	2
Cobalt		1.3	J	mg/kg	10	1.4	J	mg/kg	10	1.3	U	mg/kg	10
Copper		6.6		mg/kg	5	4.2	J	mg/kg	5	2.1	J	mg/kg	5
Iron		15100		mg/kg	20	6970		mg/kg	20	5830		mg/kg	20
Lead		3.7		mg/kg	1	2.7		mg/kg	1	.92		mg/kg	1
Magnesium		99	J	mg/kg	1000	139	J	mg/kg	1000	25.1	J	mg/kg	1000
Manganese		84.1		mg/kg	3	114		mg/kg	3	15.3		mg/kg	3
Mercury		.03	J	mg/kg	.1	.03	J	mg/kg	.1	.03	U	mg/kg	.1
Nickel		3.6	J	mg/kg	8	1.7	U	mg/kg	8	1.7	U	mg/kg	8
Potassium		119	J	mg/kg	1000	129	J	mg/kg	1000	82.6	J	mg/kg	1000
Selenium		.49	J	mg/kg	1	.48	J	mg/kg	1	.17	J	mg/kg	1
Silver		.47	UJ	mg/kg	2	.46	UJ	mg/kg	2	.46	U	mg/kg	2
Sodium		186	J	mg/kg	1000	156	J	mg/kg	1000	179	J	mg/kg	1000
Thallium		.16	U	mg/kg	2	.15	U	mg/kg	2	.15	U	mg/kg	2
Vanadium		39.6		mg/kg	10	17.6		mg/kg	10	16.7		mg/kg	10
Zinc		8.6	J	mg/kg	4	8.5	J	mg/kg	4	4	J	mg/kg	4
Cyanide		.17	U	mg/kg	1	.16	U	mg/kg	1	.16	U	mg/kg	1

08/06/93 WHITING FIELD ANAL. .AL RESULT REPORT 09:28:45
SOIL BORINGS - METALS & CYANIDES - VALIDATED RESULTS

Lab Sample Number:	34553001				34553001DL				34553002				34553002TC			
Site	WHITING				WHITING				WHITING				WHITING			
Locator	33SB2-2-4				33SB2-2-4DL				33SB2-5-7				33SB2-5-7TCLP			
Collect Date:	01-DEC-92				01-DEC-92				01-DEC-92				01-DEC-92			
	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL
CLP METALS AND CYANIDE																
Aluminum	9590		mg/kg	40	-				5610		mg/kg	40	-			
Antimony	2.7	U	mg/kg	12	-				2.8	U	mg/kg	12	-			
Arsenic	11.5		mg/kg	2	-				5.2		mg/kg	2	.0175	U	mg/l	
Barium	10.8	J	mg/kg	40	-				8.9	J	mg/kg	40	.4381		mg/l	
Beryllium	.11	U	mg/kg	1	-				.11	U	mg/kg	1	-			
Cadmium	.39	J	mg/kg	1	-				.77	J	mg/kg	1	.0014	J	mg/l	
Calcium	617	J	mg/kg	1000	-				655	J	mg/kg	1000	-			
Chromium	8.6		mg/kg	2	-				21.5		mg/kg	2	.0055	J	mg/l	
Cobalt	1.3	U	mg/kg	10	-				1.3	U	mg/kg	10	-			
Copper	6.5		mg/kg	5	-				3.1	J	mg/kg	5	-			
Iron	5970		mg/kg	20	-				8490		mg/kg	20	-			
Lead	16.7		mg/kg	1	-				24.3		mg/kg	1	.0897		mg/l	
Magnesium	125	J	mg/kg	1000	-				58.1	J	mg/kg	1000	-			
Manganese	41.4		mg/kg	3	-				93.3		mg/kg	3	-			
Mercury	.05	J	mg/kg	.1	-				.04	J	mg/kg	.1	.0001	U	mg/l	
Nickel	1.7	U	mg/kg	8	-				1.8	U	mg/kg	8	-			
Potassium	124	J	mg/kg	1000	-				90	J	mg/kg	1000	-			
Selenium	.11	U	mg/kg	1	-				.11	U	mg/kg	1	.0159	U	mg/l	
Silver	.47	UJ	mg/kg	2	-				.48	UJ	mg/kg	2	.0022	U	mg/l	
Sodium	179	J	mg/kg	1000	-				171	J	mg/kg	1000	-			
Thallium	.16	U	mg/kg	2	-				.16	U	mg/kg	2	-			
Vanadium	16.3		mg/kg	10	-				17.1		mg/kg	10	-			
Zinc	19.3		mg/kg	4	-				7.6		mg/kg	4	-			
Cyanide	.17	U	mg/kg	1	-				.17	U	mg/kg	1	-			

08/06/93 WHITING FIELD ANAL...CAL RESULT REPORT 09:28:45
SOIL BORINGS - METALS & CYANIDES - VALIDATED RESULTS

Lab Sample Number:	34553003				34553004				34578001				34578002			
Site	WHITING				WHITING				WHITING				WHITING			
Locator	33SB2-10-12				33SB2-15-17				33SB2-35-37				33SB2-35-37A			
Collect Date:	01-DEC-92				01-DEC-92				03-DEC-92				03-DEC-92			
	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL
CLP METALS AND CYANIDE																
Aluminum	8070		mg/kg	40	8920		mg/kg	40	616		mg/kg	40	233		mg/kg	40
Antimony	2.7	U	mg/kg	12	2.7	U	mg/kg	12	2.6	U	mg/kg	12	2.6	U	mg/kg	12
Arsenic	3.8		mg/kg	2	1.4	J	mg/kg	2	.43	J	mg/kg	2	.15	U	mg/kg	2
Barium	4.8	J	mg/kg	40	3.6	J	mg/kg	40	.63	UJ	mg/kg	40	.4	UJ	mg/kg	40
Beryllium	.11	U	mg/kg	1	.11	U	mg/kg	1	.11	U	mg/kg	1	.11	U	mg/kg	1
Cadmium	.65	J	mg/kg	1	.65	J	mg/kg	1	.26	U	mg/kg	1	.25	U	mg/kg	1
Calcium	234	J	mg/kg	1000	147	J	mg/kg	1000	92.3	J	mg/kg	1000	75.1	J	mg/kg	1000
Chromium	12.3		mg/kg	2	12.8		mg/kg	2	.79	U	mg/kg	2	.78	U	mg/kg	2
Cobalt	1.3	U	mg/kg	10	1.3	U	mg/kg	10	1.2	U	mg/kg	10	1.2	U	mg/kg	10
Copper	3	J	mg/kg	5	3.7	J	mg/kg	5	1.3	J	mg/kg	5	.62	J	mg/kg	5
Iron	13200		mg/kg	20	13900		mg/kg	20	828	J	mg/kg	20	324	J	mg/kg	20
Lead	21.1		mg/kg	1	4.9		mg/kg	1	1.9	J	mg/kg	1	1.1	J	mg/kg	1
Magnesium	40.6	J	mg/kg	1000	33.9	J	mg/kg	1000	18.6	UJ	mg/kg	1000	13.7	UJ	mg/kg	1000
Manganese	31.7		mg/kg	3	26.4		mg/kg	3	1.7	J	mg/kg	3	.85	UJ	mg/kg	3
Mercury	.03	U	mg/kg	.1	.03	U	mg/kg	.1	.03	U	mg/kg	.1	.03	UJ	mg/kg	.1
Nickel	1.7	U	mg/kg	8	1.7	U	mg/kg	8	1.6	U	mg/kg	8	1.6	U	mg/kg	8
Potassium	83.6	J	mg/kg	1000	77	J	mg/kg	1000	40.6	U	mg/kg	1000	40.4	U	mg/kg	1000
Selenium	.11	U	mg/kg	1	.11	U	mg/kg	1	.11	UJ	mg/kg	1	.11	UJ	mg/kg	1
Silver	.47	UJ	mg/kg	2	.47	UJ	mg/kg	2	.45	UJ	mg/kg	2	.44	UJ	mg/kg	2
Sodium	249	J	mg/kg	1000	202	J	mg/kg	1000	162	J	mg/kg	1000	147	J	mg/kg	1000
Thallium	.16	U	mg/kg	2	.16	U	mg/kg	2	.15	UJ	mg/kg	2	.15	UJ	mg/kg	2
Vanadium	34.5		mg/kg	10	37.1		mg/kg	10	2.4	J	mg/kg	10	1.1	J	mg/kg	10
Zinc	6.9		mg/kg	4	6.2	J	mg/kg	4	5.4	UJ	mg/kg	4	4.1	UJ	mg/kg	4
Cyanide	.17	U	mg/kg	1	.17	U	mg/kg	1	.16	U	mg/kg	1	.16	U	mg/kg	1

SOIL BORINGS - METALS & CYANIDES - VALIDATED RESULTS

Lab Sample Number:	34578001MS			34578001MS			34576004			34576005		
Site	WHITING			WHITING			WHITING			WHITING		
Locator	33SB2-35-37MS			33SB2-35-37MSD			33SB2-60-62			33SB2-80-82		
Collect Date:	03-DEC-92			03-DEC-92			03-DEC-92			03-DEC-92		
	VALUE QUAL	UNITS	DL	VALUE QUAL	UNITS	DL	VALUE QUAL	UNITS	DL	VALUE QUAL	UNITS	DL
CLP METALS AND CYANIDE												
Aluminum	-			-			575	mg/kg	40	597	mg/kg	40
Antimony	-			-			2.6 U	mg/kg	12	2.8 U	mg/kg	12
Arsenic	-			-			.36 J	mg/kg	2	.16 U	mg/kg	2
Barium	-			-			.63 J	mg/kg	40	.64 J	mg/kg	40
Beryllium	-			-			.11 U	mg/kg	1	.11 U	mg/kg	1
Cadmium	-			-			.26 U	mg/kg	1	.28 U	mg/kg	1
Calcium	-			-			88.6 J	mg/kg	1000	82.4 J	mg/kg	1000
Chromium	-			-			1.3 J	mg/kg	2	2.9	mg/kg	2
Cobalt	-			-			1.2 U	mg/kg	10	1.3 U	mg/kg	10
Copper	-			-			.62 J	mg/kg	5	.93 J	mg/kg	5
Iron	-			-			318	mg/kg	20	1500	mg/kg	20
Lead	-			-			.45 J	mg/kg	1	.57 J	mg/kg	1
Magnesium	-			-			19 J	mg/kg	1000	20.1 J	mg/kg	1000
Manganese	-			-			1.8 J	mg/kg	3	2.3 J	mg/kg	3
Mercury	-			-			.03 U	mg/kg	.1	.03 U	mg/kg	.1
Nickel	-			-			1.6 U	mg/kg	8	1.8 U	mg/kg	8
Potassium	-			-			42.2 J	mg/kg	1000	49.1 J	mg/kg	1000
Selenium	-			-			.25 J	mg/kg	1	.11 U	mg/kg	1
Silver	-			-			.45 UJ	mg/kg	2	.48 UJ	mg/kg	2
Sodium	-			-			159 J	mg/kg	1000	163 J	mg/kg	1000
Thallium	-			-			.15 U	mg/kg	2	.16 U	mg/kg	2
Vanadium	-			-			1.2 J	mg/kg	10	6.7 J	mg/kg	10
Zinc	-			-			4.9 J	mg/kg	4	4.8 J	mg/kg	4
Cyanide	-			-			.16 U	mg/kg	1	.17 U	mg/kg	1

SOIL BORINGS - METALS & CYANIDES - VALIDATED RESULTS

Lab Sample Number:	34576006				34576007				
Site	WHITING				WHITING				
Locator	33SB2-95-97				33SB2-120-122				
Collect Date:	03-DEC-92				03-DEC-92				
	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	
CLP METALS AND CYANIDE									
Aluminum	138		mg/kg	40	36.8	J	mg/kg	40	
Antimony	2.5	U	mg/kg	12	2.9	U	mg/kg	12	
Arsenic	.15	U	mg/kg	2	.17	U	mg/kg	2	
Barium	.54	J	mg/kg	40	.45	J	mg/kg	40	
Beryllium	.1	U	mg/kg	1	.12	U	mg/kg	1	
Cadmium	.25	U	mg/kg	1	.29	U	mg/kg	1	
Calcium	56	J	mg/kg	1000	81.9	J	mg/kg	1000	
Chromium	.85	J	mg/kg	2	2	J	mg/kg	2	
Cobalt	1.2	U	mg/kg	10	1.4	U	mg/kg	10	
Copper	.65	J	mg/kg	5	.54	J	mg/kg	5	
Iron	333		mg/kg	20	67.4		mg/kg	20	
Lead	.29	J	mg/kg	1	.26	J	mg/kg	1	
Magnesium	11	J	mg/kg	1000	15.1	J	mg/kg	1000	
Manganese	1.5	J	mg/kg	3	.32	J	mg/kg	3	
Mercury	.03	U	mg/kg	.1	.03	U	mg/kg	.1	
Nickel	1.6	U	mg/kg	8	1.9	U	mg/kg	8	
Potassium	39.7	U	mg/kg	1000	45.9	U	mg/kg	1000	
Selenium	.1	U	mg/kg	1	.12	U	mg/kg	1	
Silver	.44	UJ	mg/kg	2	.5	UJ	mg/kg	2	
Sodium	128	J	mg/kg	1000	157	J	mg/kg	1000	
Thallium	.15	U	mg/kg	2	.17	U	mg/kg	2	
Vanadium	.97	J	mg/kg	10	.46	U	mg/kg	10	
Zinc	1.9	J	mg/kg	4	15.4		mg/kg	4	
Cyanide	.16	U	mg/kg	1	.18	U	mg/kg	1	

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SOIL BORINGS - METALS & CYANIDES - VALIDATED RESULTS

Lab Sample Number:	34553006				34553005				34553007			
Site	WHITING				WHITING				WHITING			
Locator	33SB3-10-12				33SB3-4-6				33SB3-15-17			
Collect Date:	01-DEC-92				01-DEC-92				01-DEC-92			
	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL
CLP METALS AND CYANIDE												
Aluminum	25100		mg/kg	40	11000		mg/kg	40	14400		mg/kg	40
Antimony	2.7	U	mg/kg	12	2.6	U	mg/kg	12	2.7	U	mg/kg	12
Arsenic	2.9		mg/kg	2	1.9	J	mg/kg	2	.73	J	mg/kg	2
Barium	3.3	J	mg/kg	40	12.5	J	mg/kg	40	3.7	J	mg/kg	40
Beryllium	.13	J	mg/kg	1	.11	U	mg/kg	1	.11	U	mg/kg	1
Cadmium	.52	J	mg/kg	1	.57	J	mg/kg	1	.68	J	mg/kg	1
Calcium	209	J	mg/kg	1000	351	J	mg/kg	1000	284	J	mg/kg	1000
Chromium	16.6		mg/kg	2	6.9		mg/kg	2	12.8		mg/kg	2
Cobalt	1.3	U	mg/kg	10	1.5	J	mg/kg	10	1.3	U	mg/kg	10
Copper	4.9	J	mg/kg	5	2.9	J	mg/kg	5	4.2	J	mg/kg	5
Iron	12800		mg/kg	20	6590		mg/kg	20	13000		mg/kg	20
Lead	3.3		mg/kg	1	3.2		mg/kg	1	3.5		mg/kg	1
Magnesium	62.2	J	mg/kg	1000	124	J	mg/kg	1000	69.5	J	mg/kg	1000
Manganese	24.3		mg/kg	3	87.7		mg/kg	3	27.7		mg/kg	3
Mercury	.03	U	mg/kg	.1	.03	U	mg/kg	.1	.03	U	mg/kg	.1
Nickel	1.7	U	mg/kg	8	2.7	J	mg/kg	8	1.7	U	mg/kg	8
Potassium	60	J	mg/kg	1000	93.3	J	mg/kg	1000	42.4	U	mg/kg	1000
Selenium	.11	U	mg/kg	1	.11	U	mg/kg	1	.22	J	mg/kg	1
Silver	.46	UJ	mg/kg	2	.46	UJ	mg/kg	2	.47	UJ	mg/kg	2
Sodium	193	J	mg/kg	1000	165	J	mg/kg	1000	186	J	mg/kg	1000
Thallium	.15	U	mg/kg	2	.15	U	mg/kg	2	.16	U	mg/kg	2
Vanadium	34.9		mg/kg	10	15.9		mg/kg	10	34.8		mg/kg	10
Zinc	5.2		mg/kg	4	5.8	J	mg/kg	4	6.7		mg/kg	4
Cyanide	.17	U	mg/kg	1	.16	U	mg/kg	1	.17	U	mg/kg	1

08/06/93 WHITING FIELD ANALYTICAL RESULT REPORT 09:32:49
SOIL BORINGS - METALS & CYANIDES - VALIDATED RESULTS

Lab Sample Number:	34566001				34566002				34566003			
Site	WHITING				WHITING				WHITING			
Locator	33SB4-3-5				33SB4-5-7				33SB4-15-17			
Collect Date:	02-DEC-92				02-DEC-92				02-DEC-92			
	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL
CLP METALS AND CYANIDE												
Aluminum	9960		mg/kg	40	27000		mg/kg	40	3740		mg/kg	40
Antimony	2.7	U	mg/kg	12	2.7	U	mg/kg	12	2.7	U	mg/kg	12
Arsenic	.7	J	mg/kg	2	2.1	J	mg/kg	2	2.6		mg/kg	2
Barium	14.3	J	mg/kg	40	14.5	J	mg/kg	40	2.2	J	mg/kg	40
Beryllium	.11	U	mg/kg	1	.11	U	mg/kg	1	.11	U	mg/kg	1
Cadmium	.45	J	mg/kg	1	.72	J	mg/kg	1	.5	J	mg/kg	1
Calcium	691	J	mg/kg	1000	548	J	mg/kg	1000	263	J	mg/kg	1000
Chromium	6.9		mg/kg	2	18.5		mg/kg	2	10.2		mg/kg	2
Cobalt	1.8	J	mg/kg	10	1.3	J	mg/kg	10	1.3	U	mg/kg	10
Copper	2.9	J	mg/kg	5	5.9		mg/kg	5	2.3	J	mg/kg	5
Iron	5880		mg/kg	20	14900		mg/kg	20	12700		mg/kg	20
Lead	7.5		mg/kg	1	4.7		mg/kg	1	4.8		mg/kg	1
Magnesium	95.8	J	mg/kg	1000	148	J	mg/kg	1000	24.9	J	mg/kg	1000
Manganese	169		mg/kg	3	46.8		mg/kg	3	21.8		mg/kg	3
Mercury	.04	J	mg/kg	.1	.03	J	mg/kg	.1	.03	U	mg/kg	.1
Nickel	1.7	U	mg/kg	8	3.8	J	mg/kg	8	1.7	U	mg/kg	8
Potassium	107	J	mg/kg	1000	180	J	mg/kg	1000	43.5	J	mg/kg	1000
Selenium	.43	J	mg/kg	1	.64	J	mg/kg	1	.52	J	mg/kg	1
Silver	.46	U	mg/kg	2	.47	U	mg/kg	2	.46	U	mg/kg	2
Sodium	218	J	mg/kg	1000	214	J	mg/kg	1000	217	J	mg/kg	1000
Thallium	.15	U	mg/kg	2	.16	U	mg/kg	2	.15	U	mg/kg	2
Vanadium	14.4		mg/kg	10	38.2		mg/kg	10	34.5		mg/kg	10
Zinc	5.9		mg/kg	4	8.6		mg/kg	4	4	J	mg/kg	4
Cyanide	.17	U	mg/kg	1	.17	U	mg/kg	1	.17	U	mg/kg	1

08/06/93 WHITING FIELD ANAL..CAL RESULT REPORT 09:33:47
SOIL BORINGS - METALS & CYANIDES - VALIDATED RESULTS

Lab Sample Number:	34607001				34607001				34607002				34607002			
Site	WHITING				WHITING				WHITING				WHITING			
Locator	33SB5-0-2				33SB5-0-2				33SB5-0-2A				33SB5-0-2A			
Collect Date:	06-DEC-92				06-DEC-92				06-DEC-92				06-DEC-92			
	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL
CLP METALS AND CYANIDE																
Aluminum	-				11400		mg/kg	40	-				28400		mg/kg	40
Antimony	-				2.9	U	mg/kg	12	-				2.8	U	mg/kg	12
Arsenic	-				2.6		mg/kg	2	-				2.8		mg/kg	2
Barium	-				11.2	J	mg/kg	40	-				18.1	J	mg/kg	40
Beryllium	-				.12	U	mg/kg	1	-				.12	U	mg/kg	1
Cadmium	-				.39	J	mg/kg	1	-				.9	J	mg/kg	1
Calcium	-				720	J	mg/kg	1000	-				870	J	mg/kg	1000
Chromium	-				11.9		mg/kg	2	-				19		mg/kg	2
Cobalt	-				1.4	U	mg/kg	10	-				1.7	J	mg/kg	10
Copper	-				4.7	J	mg/kg	5	-				7.4		mg/kg	5
Iron	-				13700		mg/kg	20	-				14400		mg/kg	20
Lead	-				6.1		mg/kg	.6	-				6.4		mg/kg	.6
Magnesium	-				74.2	J	mg/kg	1000	-				204	J	mg/kg	1000
Manganese	-				93.4		mg/kg	3	-				89.7		mg/kg	3
Mercury	-				.17		mg/kg	.1	-				.07	J	mg/kg	.1
Nickel	-				1.8	U	mg/kg	8	-				3.2	J	mg/kg	8
Potassium	-				123	J	mg/kg	1000	-				197	J	mg/kg	1000
Selenium	-				.12	U	mg/kg	1	-				.22	J	mg/kg	1
Silver	-				.5	U	mg/kg	2	-				.49	U	mg/kg	2
Sodium	-				239	J	mg/kg	1000	-				172	J	mg/kg	1000
Thallium	-				.17	U	mg/kg	2	-				.16	U	mg/kg	2
Vanadium	-				37.2		mg/kg	10	-				39.6		mg/kg	10
Zinc	-				6.1	J	mg/kg	4	-				10.9		mg/kg	4
Cyanide	-				.18	U	mg/kg	.5	-				.17	U	mg/kg	.5

08/06/93 WHITING FIELD ANAL...CAL RESULT REPORT 09:33:47
SOIL BORINGS - METALS & CYANIDES - VALIDATED RESULTS

Lab Sample Number:	34607003			34607003			34607004			34607004		
Site	WHITING			WHITING			WHITING			WHITING		
Locator	33SB5-5-7			33SB5-5-7			33SB5-10-12			33SB5-10-12		
Collect Date:	06-DEC-92			06-DEC-92			06-DEC-92			06-DEC-92		
	VALUE	QUAL UNITS	DL	VALUE	QUAL UNITS	DL	VALUE	QUAL UNITS	DL	VALUE	QUAL UNITS	DL
CLP METALS AND CYANIDE												
Aluminum	-			47800	mg/kg	40	-			36100	mg/kg	40
Antimony	-			2.8	U mg/kg	12	-			2.8	U mg/kg	12
Arsenic	-			4.9	mg/kg	2	-			.89	J mg/kg	2
Barium	-			13.5	J mg/kg	40	-			7.2	J mg/kg	40
Beryllium	-			.12	U mg/kg	1	-			.11	U mg/kg	1
Cadmium	-			1	J mg/kg	1	-			.74	J mg/kg	1
Calcium	-			434	J mg/kg	1000	-			254	J mg/kg	1000
Chromium	-			30.6	mg/kg	2	-			34.7	mg/kg	2
Cobalt	-			1.8	J mg/kg	10	-			1.3	U mg/kg	10
Copper	-			11.1	mg/kg	5	-			7.8	mg/kg	5
Iron	-			22300	mg/kg	20	-			20600	mg/kg	20
Lead	-			9.5	mg/kg	.1	-			4.2	mg/kg	.6
Magnesium	-			170	J mg/kg	1000	-			80.3	J mg/kg	1000
Manganese	-			60	mg/kg	3	-			31.7	mg/kg	3
Mercury	-			.05	J mg/kg	.1	-			.03	U mg/kg	.1
Nickel	-			3.2	J mg/kg	8	-			1.8	U mg/kg	8
Potassium	-			205	J mg/kg	1000	-			154	J mg/kg	1000
Selenium	-			.12	U mg/kg	1	-			.11	U mg/kg	1
Silver	-			.49	U mg/kg	2	-			.48	U mg/kg	2
Sodium	-			160	J mg/kg	1000	-			248	J mg/kg	1000
Thallium	-			.16	U mg/kg	2	-			.16	U mg/kg	2
Vanadium	-			61.5	mg/kg	10	-			57.1	mg/kg	10
Zinc	-			13.6	mg/kg	4	-			7.4	mg/kg	4
Cyanide	-			.17	U mg/kg	.5	-			.17	U mg/kg	.5

08/06/93 WHITING FIELD ANALYTICAL RESULT REPORT 09:33:47
SOIL BORINGS - METALS & CYANIDES - VALIDATED RESULTS

Lab Sample Number:	34607005				34607005			
Site	WHITING				WHITING			
Locator	33SB5-20-22				33SB5-20-22			
Collect Date:	06-DEC-92				06-DEC-92			
	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL
TAL METALS AND CYANIDE								
Aluminum		-			6320		mg/kg	40
Antimony		-			2.7	U	mg/kg	12
Arsenic		-			2.3		mg/kg	2
Barium		-			2.8	J	mg/kg	40
Beryllium		-			.11	U	mg/kg	1
Cadmium		-			.55	J	mg/kg	1
Calcium		-			100	J	mg/kg	1000
Chromium		-			11.9		mg/kg	2
Cobalt		-			1.3	U	mg/kg	10
Copper		-			3.6	J	mg/kg	5
Iron		-			15100		mg/kg	20
Lead		-			4.7		mg/kg	.6
Magnesium		-			35.5	J	mg/kg	1000
Manganese		-			17.9		mg/kg	3
Mercury		-			.03	U	mg/kg	.1
Nickel		-			1.7	U	mg/kg	8
Potassium		-			116	J	mg/kg	1000
Selenium		-			.11	U	mg/kg	1
Silver		-			.47	U	mg/kg	2
Sodium		-			181	J	mg/kg	1000
Thallium		-			.16	U	mg/kg	2
Vanadium		-			40.4		mg/kg	10
Zinc		-			5.2	J	mg/kg	4
Cyanide		-			.17	U	mg/kg	.5

08/06/93 WHITING FIELD ANAL..ICAL RESULT REPORT 09:36:12
SOIL BORINGS - METALS & CYANIDES - VALIDATED RESULTS

Lab Sample Number:	34553009			34553009			34566004				34553010				
Site	WHITING			WHITING			WHITING				WHITING				
Locator	33SBFB1			33SBFB1			33SBRB02				33SBRB1				
Collect Date:	01-DEC-92			01-DEC-92			02-DEC-92				01-DEC-92				
	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL
CLP METALS AND CYANIDE																
Aluminum		-			31	U	ug/l	200	31	U	ug/l	200		-		
Antimony		-			12.1	U	ug/l	60	12.1	U	ug/l	60		-		
Arsenic		-			.7	U	ug/l	10	.7	U	ug/l	10		-		
Barium		-			.44	J	ug/l	200	.44	J	ug/l	200		-		
Beryllium		-			.5	U	ug/l	5	.5	U	ug/l	5		-		
Cadmium		-			1.2	U	ug/l	5	1.2	U	ug/l	5		-		
Calcium		-			103	U	ug/l	1000	103	U	ug/l	5000		-		
Chromium		-			3.7	U	ug/l	10	3.7	U	ug/l	10		-		
Cobalt		-			5.8	U	ug/l	50	5.8	U	ug/l	50		-		
Copper		-			.9	U	ug/l	25	2	J	ug/l	25		-		
Iron		-			3.3	J	ug/l	100	8.6	J	ug/l	100		-		
Lead		-			.6	U	ug/l	5	.6	U	ug/l	5		-		
Magnesium		-			15.8	J	ug/l	5000	14.3	U	ug/l	5000		-		
Manganese		-			.8	U	ug/l	15	.8	U	ug/l	15		-		
Mercury		-			.1	U	ug/l	.2	.1	U	ug/l	.2		-		
Nickel		-			7.7	U	ug/l	40	7.7	U	ug/l	40		-		
Potassium		-			191	U	ug/l	5000	191	U	ug/l	5000		-		
Selenium		-			.5	U	ug/l	5	.59	J	ug/l	5		-		
Silver		-			2.1	UJ	ug/l	10	2.1	U	ug/l	10		-		
Sodium		-			46.4	J	ug/l	5000	60.7	J	ug/l	5000		-		
Thallium		-			.7	U	ug/l	10	.7	U	ug/l	10		-		
Vanadium		-			1.9	U	ug/l	50	1.9	U	ug/l	50		-		
Zinc		-			5.6	J	ug/l	20	5.9	J	ug/l	20		-		
Cyanide		-			3	U	ug/l	10	3	U	ug/l	10		-		

SOIL BORINGS - METALS & CYANIDES - VALIDATED RESULTS

Lab Sample Number:	34553010				34576008			34576008				34566005			
Site	WHITING				WHITING			WHITING				WHITING			
Locator	33SBRB1				33SBRB3			33SBRB3				33SBTB02			
Collect Date:	01-DEC-92				03-DEC-92			03-DEC-92				02-DEC-92			
	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL
CLP METALS AND CYANIDE																
Aluminum	31	U	ug/l	200	-				31	U	ug/l	200	-			
Antimony	12.1	U	ug/l	60	-				12.1	U	ug/l	60	-			
Arsenic	.7	U	ug/l	10	-				.7	U	ug/l	10	-			
Barium	.44	J	ug/l	200	-				.8	J	ug/l	200	-			
Beryllium	.5	U	ug/l	5	-				.5	U	ug/l	5	-			
Cadmium	1.2	U	ug/l	5	-				1.2	U	ug/l	5	-			
Calcium	103	U	ug/l	5000	-				103	U	ug/l	5000	-			
Chromium	3.7	U	ug/l	10	-				3.7	U	ug/l	10	-			
Cobalt	5.8	U	ug/l	50	-				5.8	U	ug/l	50	-			
Copper	.9	U	ug/l	25	-				.9	U	ug/l	25	-			
Iron	8.4	J	ug/l	100	-				150		ug/l	100	-			
Lead	.6	U	ug/l	5	-				.6	U	ug/l	5	-			
Magnesium	14.3	U	ug/l	5000	-				19.5	J	ug/l	5000	-			
Manganese	.8	U	ug/l	15	-				1.3	J	ug/l	15	-			
Mercury	.1	U	ug/l	.2	-				.1	U	ug/l	.2	-			
Nickel	7.7	U	ug/l	40	-				7.7	U	ug/l	40	-			
Potassium	191	U	ug/l	5000	-				191	U	ug/l	5000	-			
Selenium	.5	U	ug/l	5	-				.5	U	ug/l	5	-			
Silver	2.1	UJ	ug/l	10	-				2.1	UJ	ug/l	10	-			
Sodium	71.4	J	ug/l	5000	-				71.4	J	ug/l	5000	-			
Thallium	.7	U	ug/l	10	-				.7	U	ug/l	10	-			
Vanadium	1.9	U	ug/l	50	-				1.9	U	ug/l	50	-			
Zinc	3.6	J	ug/l	20	-				14.7	J	ug/l	20	-			
Cyanide	3	U	ug/l	10	-				3	U	ug/l	10	-			

08/04/94 WHITING FIELD - SITE 33 - TPH 14:44:51
SOIL BORINGS - VALIDATED DATA

Lab Sample Number:	34576001				34576002				34576003				34553001			
Site	WHITING				WHITING				WHITING				WHITING			
Locator	33SB1-3-5				33SB1-10-12				33SB1-25-27				33SB2-2-4			
Collect Date:	03-DEC-92				03-DEC-92				03-DEC-92				01-DEC-92			
	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL
TOTAL PETROLEUM HYDROCARBON																
Total petroleum hydrocarbon	1.8	U	mg/kg	1.8	9.2		mg/kg		10.2		mg/kg		17.7		mg/kg	

08/04/94 WHITING FIELD - SITE 33 - TPH 14:44:51
SOIL BORINGS - VALIDATED DATA

Lab Sample Number:	34553002			34553003			34553004			34578001				
Site	WHITING			WHITING			WHITING			WHITING				
Locator	33SB2-5-7			33SB2-10-12			33SB2-15-17			33SB2-35-37				
Collect Date:	01-DEC-92			01-DEC-92			01-DEC-92			03-DEC-92				
	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL
TOTAL PETROLEUM HYDROCARBON																
Total petroleum hydrocarbon	7790		mg/kg		1310		mg/kg		610		mg/kg		2110		mg/kg	

08/04/94 WHITING FIELD - SITE 33 - TPH 14:44:51
SOIL BORINGS - VALIDATED DATA

Lab Sample Number:	34578002			34576004			34576005			34576006		
Site	WHITING			WHITING			WHITING			WHITING		
Locator	33SB2-35-37A			33SB2-60-62			33SB2-80-82			33SB2-95-97		
Collect Date:	03-DEC-92			03-DEC-92			03-DEC-92			03-DEC-92		
	VALUE	QUAL UNITS	DL	VALUE	QUAL UNITS	DL	VALUE	QUAL UNITS	DL	VALUE	QUAL UNITS	DL
TOTAL PETROLEUM HYDROCARBON												
Total petroleum hydrocarbon	2980	mg/kg		222	mg/kg		862	mg/kg		27.2	mg/kg	

SOIL BORINGS - VALIDATED DATA

Lab Sample Number:	34576007			34553005			34553006			34553007		
Site	WHITING			WHITING			WHITING			WHITING		
Locator	33SB2-120-122			33SB3-4-6			33SB3-10-12			33SB3-15-17		
Collect Date:	03-DEC-92			01-DEC-92			01-DEC-92			01-DEC-92		
	VALUE	QUAL UNITS	DL	VALUE	QUAL UNITS	DL	VALUE	QUAL UNITS	DL	VALUE	QUAL UNITS	DL
TOTAL PETROLEUM HYDROCARBON												
Total petroleum hydrocarbon	2.3	mg/kg		1.8 U	mg/kg	1.8	1.8 U	mg/kg	1.8	4.3	mg/kg	

08/04/94 WHITING FIELD - SITE 33 - TPH 14:44:51
SOIL BORINGS - VALIDATED DATA

Lab Sample Number:		34566001			34566002			34566003			34607001			
Site		WHITING			WHITING			WHITING			WHITING			
Locator		33SB4-3-5			33SB4-5-7			33SB4-15-17			33SB5-0-2			
Collect Date:		02-DEC-92			02-DEC-92			02-DEC-92			06-DEC-92			
	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL
TOTAL PETROLEUM HYDROCARBON																
Total petroleum hydrocarbon	14.1		mg/kg		1.9	U	mg/kg	1.9	5.6		mg/kg		2340		mg/kg	

08/04/94 WHITING FIELD - SITE 33 - TPH 14:44:51
SOIL BORINGS - VALIDATED DATA

Lab Sample Number:		34607002			34607003			34607004			34607005			
Site		WHITING			WHITING			WHITING			WHITING			
Locator		33SB5-0-2A			33SB5-5-7			33SB5-10-12			33SB5-20-22			
Collect Date:		06-DEC-92			06-DEC-92			06-DEC-92			06-DEC-92			
	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL
TOTAL PETROLEUM HYDROCARBON																
Total petroleum hydrocarbon	2260		mg/kg		18.2		mg/kg		4.8		mg/kg		3	UJ	mg/kg	