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FINAL INSTALLATION RESTORATION STAGE 2 REMEDIAL INVESTIGATION FOR FLIGHT LINE AREA APPENDIX H NAS FORT WORTH TX

10/1/1991

RADIAN CORPORATION

File: 17G
A.F.

NAVAL AIR STATION
FORT WORTH JRB
CARSWELL FIELD
TEXAS

ADMINISTRATIVE RECORD
COVER SHEET

AR File Number 87

File: 174-11
D.B.

RCN: 227-005-04
DCN: 91-227-005-04-21

INSTALLATION RESTORATION PROGRAM (IRP)

STAGE 2

CARSWELL AFB, TEXAS

RADIAN CORPORATION
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FINAL REPORT - OCTOBER 1991

REMEDIAL INVESTIGATION REPORT FOR THE FLIGHTLINE AREA APPENDIX H

PREPARED FOR

HEADQUARTERS STRATEGIC AIR COMMAND
(HQ SAC/DE)
OFFUTT AIR FORCE BASE, NEBRASKA 68113-5001

UNITED STATES AIR FORCE
AIR FORCE CENTER FOR ENVIRONMENTAL EXCELLENCE
ENVIRONMENTAL SERVICES OFFICE
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REMEDIAL INVESTIGATION FOR THE FLIGHTLINE AREA

APPENDIX H

FINAL REPORT FOR CARSWELL AIR FORCE BASE, TEXAS

HEADQUARTERS, STRATEGIC AIR COMMAND
(HQ SAC/DE)
OFFUTT AIR FORCE BASE, NEBRASKA 68113-5001

OCTOBER 1991

PREPARED BY

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IRP TECHNICAL OPERATIONS BRANCH (AFCEE/ESR)
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AIR FORCE CENTER FOR ENVIRONMENTAL EXCELLENCE
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APPENDIX H

Detailed QC Results

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TABLE 1. SUMMARY OF BLANK RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

SUMMARY OF BLANK RESULTS FOR MATRIX = Water (Field/Trip QC)

Method Type / Parameter	Total Number of Blanks	Total Number above Detection Limit	Concentration Range Minimum - Maximum	Maximum Detection Limit	Units
Halocarbons by EPA 601					
Ambient Conditions Blank					
1,1,1-Trichloroethane	4	0		0.200	ug/L
1,1,2,2-Tetrachloroethane	4	0		0.150	ug/L
1,1,2-Trichloroethane	4	0		0.200	ug/L
1,1-Dichloroethane	4	0		0.500	ug/L
1,1-Dichloroethene	4	0		0.200	ug/L
1,2-Dichlorobenzene	4	0		0.500	ug/L
1,2-Dichloroethane	4	4	0.790 - 1.2	0.100	ug/L
1,2-Dichloropropane	4	0		0.100	ug/L
1,3-Dichlorobenzene	4	0		0.320	ug/L
1,4-Dichlorobenzene	4	0		0.240	ug/L
2-Chloroethylvinyl ether	4	0		0.500	ug/L
Bromodichloromethane	4	0		0.100	ug/L
Bromoform	4	0		0.500	ug/L
Bromomethane	4	0		1.200	ug/L
Carbon tetrachloride	4	0		0.120	ug/L
Chlorobenzene	4	0		0.250	ug/L
Chloroethane	4	0		0.520	ug/L
Chloroform	4	0		0.100	ug/L
Chloromethane	4	0		0.300	ug/L
Dibromochloromethane	4	0		0.200	ug/L
Methylene chloride	4	2	0.540 - 0.67	0.400	ug/L
Tetrachloroethene	4	1	0.160 - 0.16	0.100	ug/L
Trichloroethene	4	4	0.500 - 1.0	0.200	ug/L
Trichlorofluoromethane	4	3	0.260 - 0.42	0.200	ug/L
Vinyl chloride	4	3	0.290 - 1.6	0.200	ug/L
cis-1,2-Dichloroethene	4	0		0.200	ug/L
cis-1,3-Dichloropropene	4	0		0.200	ug/L
trans-1,2-Dichloroethene	4	0		0.200	ug/L
trans-1,3-Dichloropropene	4	0		0.340	ug/L
Equipment Blank					
1,1,1-Trichloroethane	4	0		0.200	ug/L
1,1,2,2-Tetrachloroethane	4	0		0.150	ug/L
1,1,2-Trichloroethane	4	0		0.200	ug/L
1,1-Dichloroethane	4	0		0.500	ug/L
1,1-Dichloroethene	4	0		0.200	ug/L
1,2-Dichlorobenzene	4	0		0.500	ug/L
1,2-Dichloropropane	4	0		0.100	ug/L
1,3-Dichlorobenzene	4	0		0.320	ug/L

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TABLE 1. SUMMARY OF BLANK RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

SUMMARY OF BLANK RESULTS FOR MATRIX = Water (Field/Trip QC)

Method Type / Parameter	Total Number of Blanks	Total Number above Detection Limit	Concentration Range Minimum - Maximum	Maximum Detection Limit	Units
1,4-Dichlorobenzene	4	0		0.240	ug/L
2-Chloroethylvinyl ether	4	0		0.500	ug/L
Bromodichloromethane	4	0		0.100	ug/L
Bromoform	4	0		0.500	ug/L
Bromomethane	4	0		1.200	ug/L
Carbon tetrachloride	4	0		0.120	ug/L
Chlorobenzene	4	0		0.250	ug/L
Chloroethane	4	0		0.520	ug/L
Chloroform	4	0		0.100	ug/L
Chloromethane	4	0		0.300	ug/L
Dibromochloromethane	4	0		0.200	ug/L
Methylene chloride	4	2	0.490 - 0.64	0.400	ug/L
Tetrachloroethene	4	0		0.100	ug/L
Trichloroethene	4	4	0.410 - 0.58	0.200	ug/L
Trichlorofluoromethane	4	1	0.330 - 0.33	0.200	ug/L
Vinyl chloride	3	1	0.710 - 0.71	0.200	ug/L
cis-1,2-Dichloroethene	4	0		0.200	ug/L
cis-1,3-Dichloropropene	4	0		0.200	ug/L
trans-1,2-Dichloroethene	4	0		0.200	ug/L
trans-1,3-Dichloropropene	4	0		0.340	ug/L
Trip Blank					
1,1,1-Trichloroethane	12	0		2.000	ug/L
1,1,2,2-Tetrachloroethane	12	0		1.500	ug/L
1,1,2-Trichloroethane	12	0		2.000	ug/L
1,1-Dichloroethane	12	0		5.000	ug/L
1,1-Dichloroethene	12	0		2.000	ug/L
1,2-Dichlorobenzene	12	0		5.000	ug/L
1,2-Dichloroethane	12	0		1.000	ug/L
1,2-Dichloropropane	12	0		1.000	ug/L
1,3-Dichlorobenzene	12	0		3.200	ug/L
1,4-Dichlorobenzene	12	0		2.400	ug/L
2-Chloroethylvinyl ether	12	0		5.000	ug/L
Bromodichloromethane	12	0		1.000	ug/L
Bromoform	12	0		5.000	ug/L
Bromomethane	12	0		12.0	ug/L
Carbon tetrachloride	12	0		1.200	ug/L
Chlorobenzene	12	0		2.500	ug/L
Chloroethane	12	0		5.200	ug/L
Chloroform	12	0		1.000	ug/L
Chloromethane	12	0		3.000	ug/L
Dibromochloromethane	12	0		2.000	ug/L

Compiled: 8 April 1991

TABLE 1. SUMMARY OF BLANK RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

SUMMARY OF BLANK RESULTS FOR MATRIX = Water (Field/Trip QC)

Method Type / Parameter	Total Number of Blanks	Total Number above Detection Limit	Concentration Range Minimum - Maximum	Maximum Detection Limit	Units
Methylene chloride	12	2	2.000 - 6.7	4.000	ug/L
Tetrachloroethene	12	0		1.000	ug/L
Trichloroethene	12	1	0.260 - 0.26	2.000	ug/L
Trichlorofluoromethane	12	0		2.000	ug/L
Vinyl chloride	12	1	0.610 - 0.61	2.000	ug/L
cis-1,2-Dichloroethene	12	0		2.000	ug/L
cis-1,3-Dichloropropene	12	0		2.000	ug/L
trans-1,2-Dichloroethene	12	0		2.000	ug/L
trans-1,3-Dichloropropene	12	0		3.400	ug/L
Aromatics by EPA 602					
Ambient Conditions Blank					
1,2-Dichlorobenzene	1	0		0.400	ug/L
1,3-Dichlorobenzene	1	0		0.400	ug/L
1,4-Dichlorobenzene	1	0		0.300	ug/L
Benzene	1	0		0.200	ug/L
Chlorobenzene	1	0		0.200	ug/L
Ethylbenzene	1	0		0.200	ug/L
Toluene	1	0		0.200	ug/L
Xylenes (total)	1	0		0.200	ug/L
Equipment Blank					
1,2-Dichlorobenzene	1	0		0.400	ug/L
1,3-Dichlorobenzene	1	0		0.400	ug/L
1,4-Dichlorobenzene	1	0		0.300	ug/L
Benzene	1	0		0.200	ug/L
Chlorobenzene	1	0		0.200	ug/L
Ethylbenzene	1	0		0.200	ug/L
Toluene	1	0		0.200	ug/L
Xylenes (total)	1	0		0.200	ug/L
Trip Blank					
1,2-Dichlorobenzene	4	0		0.400	ug/L
1,3-Dichlorobenzene	4	0		0.400	ug/L
1,4-Dichlorobenzene	4	0		0.300	ug/L
Benzene	4	0		0.200	ug/L
Chlorobenzene	4	1	0.280 - 0.28	0.200	ug/L
Ethylbenzene	4	0		0.200	ug/L
Toluene	4	1	0.490 - 0.49	0.200	ug/L
Xylenes (total)	4	1	0.630 - 0.63	0.200	ug/L

Compiled: 8 April 1991

TABLE 1. SUMMARY OF BLANK RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

SUMMARY OF BLANK RESULTS FOR MATRIX = Water (Field/Trip QC)

Method Type / Parameter	Total Number of Blanks	Total Number above Detection Limit	Concentration Range Minimum - Maximum	Maximum Detection Limit	Units
Arsenic by SW7060					
Equipment Blank					
Arsenic	14	0		0.0080	mg/L
Chloride, by titration					
Equipment Blank					
Chloride	7	0		1.000	mg/L
Fluoride by EPA 340.2					
Equipment Blank					
Fluoride	7	0		0.100	mg/L
Hydrocarbons, total E418.1					
Equipment Blank					
Hydrocarbons	4	0		0.400	mg/L
Mercury by cold vapor					
Equipment Blank					
Mercury	14	0		0.00020	mg/L
ICP 25 element scan					
Equipment Blank					
Aluminum	14	0		0.220	mg/L
Antimony	14	0		0.110	mg/L
Arsenic	14	0		0.330	mg/L
Barium	14	7	0.025 - 0.12	0.011	mg/L
Beryllium	14	1	0.0030 - 0.0030	0.0022	mg/L
Boron	14	0		0.660	mg/L
Cadmium	14	0		0.0055	mg/L
Calcium	14	1	1.000 - 1.0	1.100	mg/L
Chromium	14	0		0.011	mg/L
Cobalt	14	0		0.011	mg/L
Copper	14	0		0.022	mg/L
Iron	14	2	0.046 - 0.047	0.044	mg/L
Lead	14	2	0.055 - 0.057	0.055	mg/L
Magnesium	14	0		1.100	mg/L
Manganese	14	0		0.011	mg/L
Molybdenum	14	0		0.055	mg/L
Nickel	14	0		0.022	mg/L
Potassium	14	0		3.300	mg/L

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TABLE 1. SUMMARY OF BLANK RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

SUMMARY OF BLANK RESULTS FOR MATRIX = Water (Field/Trip QC)

Method Type / Parameter	Total Number of Blanks	Total Number above Detection Limit	Concentration Range Minimum - Maximum	Maximum Detection Limit	Units
Selenium	14	0		0.330	mg/L
Silicon	14	1	1.200 - 1.2	1.100	mg/L
Silver	14	1	0.010 - 0.010	0.011	mg/L
Sodium	14	3	1.100 - 1.8	1.100	mg/L
Strontium	14	7	0.0039 - 0.0068	0.0033	mg/L
Thallium	14	0		0.110	mg/L
Vanadium	14	0		0.022	mg/L
Zinc	14	6	0.022 - 0.065	0.022	mg/L
Nitrate by E353.2					
Equipment Blank					
Nitrate	7	3	0.020 - 0.50	0.020	mg/L
Orthophosphate					
Equipment Blank					
Orthophosphate	7	0		0.010	mg/L
Lead by SW7421					
Equipment Blank					
Lead	14	8	0.0034 - 0.013	0.0060	mg/L
Selenium by SW7740					
Equipment Blank					
Selenium	14	0		0.025	mg/L
Sulfate					
Equipment Blank					
Sulfate	7	1	1.400 - 1.4	1.000	mg/L
Total dissolved solids					
Equipment Blank					
Total dissolved solids	7	1	2600.0 - 2600.0	9.000	mg/L

TABLE 1. SUMMARY OF BLANK RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

SUMMARY OF BLANK RESULTS FOR MATRIX = Laboratory Water

Method Type / Parameter	Total Number of Blanks	Total Number above Detection Limit	Concentration Range Minimum - Maximum	Maximum Detection Limit	Units
Halocarbons by EPA 601					
Reagent Blank					
1,1,1-Trichloroethane	39	0		0.200	ug/L
1,1,2,2-Tetrachloroethane	39	0		0.150	ug/L
1,1,2-Trichloroethane	39	0		0.200	ug/L
1,1-Dichloroethane	39	0		0.500	ug/L
1,1-Dichloroethene	39	0		0.200	ug/L
1,2-Dichlorobenzene	39	0		0.500	ug/L
1,2-Dichloroethane	39	0		0.100	ug/L
1,2-Dichloropropane	39	0		0.100	ug/L
1,3-Dichlorobenzene	39	0		0.320	ug/L
1,4-Dichlorobenzene	39	0		0.240	ug/L
2-Chloroethylvinyl ether	39	0		0.500	ug/L
Bromodichloromethane	39	0		0.100	ug/L
Bromoform	39	0		0.500	ug/L
Bromomethane	39	0		1.200	ug/L
Carbon tetrachloride	39	0		0.120	ug/L
Chlorobenzene	39	0		0.250	ug/L
Chloroethane	39	0		0.520	ug/L
Chloroform	39	0		0.100	ug/L
Chloromethane	39	0		0.300	ug/L
Dibromochloromethane	39	0		0.200	ug/L
Methylene chloride	39	0		0.400	ug/L
Tetrachloroethene	39	1	0.170 - 0.17	0.100	ug/L
Trichloroethene	39	1	1.300 - 1.3	0.200	ug/L
Trichlorofluoromethane	39	0		0.200	ug/L
Vinyl chloride	39	0		0.200	ug/L
cis-1,2-Dichloroethene	39	0		0.200	ug/L
cis-1,3-Dichloropropene	39	0		0.200	ug/L
trans-1,2-Dichloroethene	39	0		0.200	ug/L
trans-1,3-Dichloropropene	39	0		0.340	ug/L
Aromatics by EPA 602					
Reagent Blank					
1,2-Dichlorobenzene	19	0		0.400	ug/L
1,3-Dichlorobenzene	19	0		0.400	ug/L
1,4-Dichlorobenzene	19	0		0.300	ug/L
Benzene	19	0		0.200	ug/L
Chlorobenzene	19	0		0.200	ug/L
Ethylbenzene	19	0		0.200	ug/L

Compiled: 8 April 1991

TABLE 1. SUMMARY OF BLANK RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

SUMMARY OF BLANK RESULTS FOR MATRIX = Laboratory Water

Method Type / Parameter	Total Number of Blanks	Total Number above Detection Limit	Concentration Range Minimum - Maximum	Maximum Detection Limit	Units
Toluene	19	0		0.200	ug/L
Xylenes (total)	19	0		0.200	ug/L
Arsenic by SW7060					
Calibration					
Arsenic	48	0		0.0040	mg/L
Initial Calibration Blank					
Arsenic	11	0		0.0040	mg/L
Method Blank					
Arsenic	17	0		0.0040	mg/L
Preparation					
Arsenic	6	0		0.0040	mg/L
Chloride, by titration					
Initial Calibration Blank					
Chloride	1	0		1.000	mg/L
Method Blank					
Chloride	16	8	1.400 - 1.5	1.000	mg/L
Preparation					
Chloride	5	2	1.440 - 1.5	1.000	mg/L
Fluoride by EPA 340.2					
Calibration					
Fluoride	7	0		0.100	mg/L
Initial Calibration Blank					
Fluoride	2	0		0.100	mg/L
Method Blank					
Fluoride	16	0		0.100	mg/L
Preparation					
Fluoride	3	0		0.100	mg/L
Hydrocarbons, total E418.1					
Method Blank					
Hydrocarbons	9	0		0.400	mg/L
Preparation					
Hydrocarbons	1	0		0.400	mg/L
Mercury by cold vapor					
Calibration					
Mercury	48	0		0.00020	mg/L

Compiled: 8 April 1991

TABLE 1. SUMMARY OF BLANK RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

SUMMARY OF BLANK RESULTS FOR MATRIX = Laboratory Water

Method Type / Parameter	Total Number of Blanks	Total Number above Detection Limit	Concentration Range Minimum - Maximum	Maximum Detection Limit	Units
Mercury by cold vapor					
Initial Calibration Blank					
Mercury	8	0		0.00020	mg/L
Method Blank					
Mercury	17	0		0.00020	mg/L
Preparation					
Mercury	2	0		0.00020	mg/L
ICP 25 element scan					
Calibration					
Aluminum	38	0		0.200	mg/L
Antimony	38	0		0.200	mg/L
Arsenic	38	0		0.300	mg/L
Barium	38	0		0.100	mg/L
Beryllium	38	1	0.0023 - 0.0023	0.0020	mg/L
Boron	38	0		0.600	mg/L
Cadmium	38	0		0.0050	mg/L
Calcium	38	0		1.000	mg/L
Chromium	38	0		0.010	mg/L
Cobalt	38	0		0.010	mg/L
Copper	38	0		0.020	mg/L
Iron	38	0		0.040	mg/L
Lead	38	0		0.050	mg/L
Magnesium	38	0		1.000	mg/L
Manganese	38	0		0.010	mg/L
Molybdenum	38	0		0.050	mg/L
Nickel	38	1	0.021 - 0.021	0.020	mg/L
Potassium	38	0		3.000	mg/L
Selenium	38	0		0.300	mg/L
Silicon	39	0		1.000	mg/L
Silver	38	3	0.011 - 0.051	0.010	mg/L
Sodium	38	0		1.000	mg/L
Strontium	38	2	0.0041 - 0.0047	0.0030	mg/L
Thallium	38	0		0.100	mg/L
Vanadium	38	0		0.020	mg/L
Zinc	38	0		0.020	mg/L
Initial Calibration Blank					
Aluminum	7	0		0.200	mg/L
Antimony	6	0		0.200	mg/L
Arsenic	6	0		0.300	mg/L

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TABLE 1. SUMMARY OF BLANK RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

SUMMARY OF BLANK RESULTS FOR MATRIX = Laboratory Water

Method Type / Parameter	Total Number of Blanks	Total Number above Detection Limit	Concentration Range Minimum - Maximum	Maximum Detection Limit	Units
Barium	6	0		0.600	mg/L
Beryllium	6	0		0.0020	mg/L
Boron	6	0		0.600	mg/L
Cadmium	6	0		0.0050	mg/L
Calcium	7	0		1.000	mg/L
Chromium	6	0		0.010	mg/L
Cobalt	6	0		0.010	mg/L
Copper	6	0		0.020	mg/L
Iron	7	0		0.040	mg/L
Lead	7	0		0.050	mg/L
Magnesium	7	0		1.000	mg/L
Manganese	6	0		0.010	mg/L
Molybdenum	6	0		0.050	mg/L
Nickel	6	0		0.020	mg/L
Potassium	7	0		3.000	mg/L
Selenium	6	0		0.300	mg/L
Silicon	9	0		1.000	mg/L
Silver	7	0		0.010	mg/L
Sodium	7	0		1.000	mg/L
Strontium	7	0		0.0030	mg/L
Thallium	7	0		0.100	mg/L
Vanadium	7	0		0.020	mg/L
Zinc	6	0		0.020	mg/L
Method Blank					
Aluminum	17	1	0.530 - 0.53	0.200	mg/L
Antimony	17	0		0.100	mg/L
Arsenic	17	0		0.300	mg/L
Barium	17	0		0.010	mg/L
Beryllium	17	0		0.0020	mg/L
Boron	17	0		0.600	mg/L
Cadmium	17	0		0.0050	mg/L
Calcium	17	0		1.000	mg/L
Chromium	17	0		0.010	mg/L
Cobalt	17	0		0.010	mg/L
Copper	17	2	0.023 - 0.053	0.020	mg/L
Iron	17	0		0.040	mg/L
Lead	17	0		0.050	mg/L
Magnesium	17	0		1.000	mg/L
Manganese	17	0		0.010	mg/L
Molybdenum	17	0		0.050	mg/L
Nickel	17	0		0.020	mg/L

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TABLE 1. SUMMARY OF BLANK RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

SUMMARY OF BLANK RESULTS FOR MATRIX = Laboratory Water

Method Type / Parameter	Total Number of Blanks	Total Number above Detection Limit	Concentration Range Minimum - Maximum	Maximum Detection Limit	Units
Potassium	17	0		3.000	mg/L
Selenium	17	0		0.300	mg/L
Silicon	17	0		1.000	mg/L
Silver	17	0		0.010	mg/L
Sodium	17	0		1.000	mg/L
Strontium	17	0		0.0030	mg/L
Thallium	17	0		0.100	mg/L
Vanadium	17	0		0.020	mg/L
Zinc	17	6	0.025 - 0.044	0.020	mg/L
Preparation					
Aluminum	6	1	0.530 - 0.53	0.200	mg/L
Antimony	5	0		0.200	mg/L
Arsenic	5	0		0.300	mg/L
Barium	5	0		0.600	mg/L
Beryllium	5	0		0.0020	mg/L
Boron	5	0		0.600	mg/L
Cadmium	5	0		0.0050	mg/L
Calcium	6	0		1.000	mg/L
Chromium	5	0		0.010	mg/L
Cobalt	5	0		0.010	mg/L
Copper	5	0		0.020	mg/L
Iron	6	0		0.040	mg/L
Lead	6	0		0.050	mg/L
Magnesium	6	0		1.000	mg/L
Manganese	5	0		0.010	mg/L
Molybdenum	5	0		0.050	mg/L
Nickel	5	0		0.020	mg/L
Potassium	6	0		3.000	mg/L
Selenium	5	0		0.300	mg/L
Silicon	8	0		1.000	mg/L
Silver	6	1	0.014 - 0.014	0.010	mg/L
Sodium	6	0		1.000	mg/L
Strontium	6	0		0.0030	mg/L
Thallium	6	0		0.100	mg/L
Vanadium	6	1	0.025 - 0.025	0.020	mg/L
Zinc	5	0		0.020	mg/L
Nitrate by E353.2					
Calibration					
Nitrate	19	0		0.020	mg/L

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TABLE 1. SUMMARY OF BLANK RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

SUMMARY OF BLANK RESULTS FOR MATRIX = Laboratory Water

Method Type / Parameter	Total Number of Blanks	Total Number above Detection Limit	Concentration Range Minimum - Maximum	Maximum Detection Limit	Units
Nitrate by E353.2					
Initial Calibration Blank					
Nitrate	7	0		0.020	mg/L
Method Blank					
Nitrate	13	0		0.020	mg/L
Preparation					
Nitrate	6	0		0.020	mg/L
Orthophosphate					
Initial Calibration Blank					
Orthophosphate	1	0		0.010	mg/L
Method Blank					
Orthophosphate	13	1	0.012 - 0.012	0.010	mg/L
Preparation					
Orthophosphate	6	0		0.010	mg/L
Lead by SW7421					
Calibration					
Lead	61	0		0.0030	mg/L
Initial Calibration Blank					
Lead	11	4	0.0030 - 0.0092	0.0030	mg/L
Method Blank					
Lead	17	4	0.0040 - 0.0042	0.0030	mg/L
Preparation					
Lead	9	5	0.0040 - 0.0099	0.0030	mg/L
Selenium by SW7740					
Calibration					
Selenium	33	0		0.0050	mg/L
Initial Calibration Blank					
Selenium	7	0		0.0050	mg/L
Method Blank					
Selenium	17	0		0.0050	mg/L
Preparation					
Selenium	7	0		0.0050	mg/L
Sulfate					
Initial Calibration Blank					
Sulfate	1	0		1.000	mg/L

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TABLE 1. SUMMARY OF BLANK RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

SUMMARY OF BLANK RESULTS FOR MATRIX = Laboratory Water

Method Type / Parameter	Total Number of Blanks	Total Number above Detection Limit	Concentration Range Minimum - Maximum	Maximum Detection Limit	Units
Sulfate					
Method Blank					
Sulfate	16	0		5.000	mg/L
Preparation					
Sulfate	3	0		1.000	mg/L
Total dissolved solids					
Initial Calibration Blank					
Total dissolved solids	3	0		9.000	mg/L
Method Blank					
Total dissolved solids	1	0		9.000	mg/L
Preparation					
Total dissolved solids	2	0		9.000	mg/L

TABLE 2. DETAILED LISTING OF BLANK RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Blank Results for Matrix = Water (Field/Trip QC)

Date	Type of Blank	Detection Flag	Result	Detection Limit	Units
Method: Halocarbons by EPA 601					
Analyte: 1,1,1-Trichloroethane					
06-May-90	Ambient Conditions Blank	ND	0.2000	0.2000	ug/L
09-May-90	Ambient Conditions Blank	ND	0.2000	0.2000	ug/L
21-May-90	Ambient Conditions Blank	ND	0.2000	0.2000	ug/L
24-May-90	Ambient Conditions Blank	ND	0.2000	0.2000	ug/L
10-May-90	Equipment Blank	ND	0.2000	0.2000	ug/L
14-May-90	Equipment Blank	ND	0.2000	0.2000	ug/L
21-May-90	Equipment Blank	ND	0.2000	0.2000	ug/L
24-May-90	Equipment Blank	ND	0.2000	0.2000	ug/L
24-Apr-90	Trip Blank	ND	2.0000	2.0000	ug/L
30-Apr-90	Trip Blank	ND	0.2000	0.2000	ug/L
06-May-90	Trip Blank	ND	0.2000	0.2000	ug/L
09-May-90	Trip Blank	ND	0.2000	0.2000	ug/L
10-May-90	Trip Blank	ND	0.2000	0.2000	ug/L
14-May-90	Trip Blank	ND	0.2000	0.2000	ug/L
19-May-90	Trip Blank	ND	0.2000	0.2000	ug/L
20-May-90	Trip Blank	ND	0.2000	0.2000	ug/L
22-May-90	Trip Blank	ND	0.2000	0.2000	ug/L
24-May-90	Trip Blank	ND	0.2000	0.2000	ug/L
25-May-90	Trip Blank	ND	0.2000	0.2000	ug/L

Total Number of Blanks = 19 Concentration Range NC

Total Number above Detection Limit = 0 Maximum Detection Limit = 2.0

Method: Halocarbons by EPA 601					
Analyte: 1,1,2,2-Tetrachloroethane					
06-May-90	Ambient Conditions Blank	ND	0.1500	0.1500	ug/L
09-May-90	Ambient Conditions Blank	ND	0.1500	0.1500	ug/L
21-May-90	Ambient Conditions Blank	ND	0.1500	0.1500	ug/L
24-May-90	Ambient Conditions Blank	ND	0.1500	0.1500	ug/L
10-May-90	Equipment Blank	ND	0.1500	0.1500	ug/L
14-May-90	Equipment Blank	ND	0.1500	0.1500	ug/L
21-May-90	Equipment Blank	ND	0.1500	0.1500	ug/L
24-May-90	Equipment Blank	ND	0.1500	0.1500	ug/L
24-Apr-90	Trip Blank	ND	1.5000	1.5000	ug/L
30-Apr-90	Trip Blank	ND	0.1500	0.1500	ug/L
06-May-90	Trip Blank	ND	0.1500	0.1500	ug/L
09-May-90	Trip Blank	ND	0.1500	0.1500	ug/L

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TABLE 2. DETAILED LISTING OF BLANK RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Blank Results for Matrix = Water (Field/Trip QC)

Date	Type of Blank	Detection Flag	Result	Detection Limit	Units
Analysis for Halocarbons by EPA 601					
Analyte: 1,1,2,2-Tetrachloroethane continued					
10-May-90	Trip Blank	ND	0.1500	0.1500	ug/L
14-May-90	Trip Blank	ND	0.1500	0.1500	ug/L
19-May-90	Trip Blank	ND	0.1500	0.1500	ug/L
20-May-90	Trip Blank	ND	0.1500	0.1500	ug/L
22-May-90	Trip Blank	ND	0.1500	0.1500	ug/L
24-May-90	Trip Blank	ND	0.1500	0.1500	ug/L
25-May-90	Trip Blank	ND	0.1500	0.1500	ug/L

Total Number of Blanks = 19 Concentration Range NC
Total Number above Detection Limit = 0 Maximum Detection Limit = 1.5

Method: Halocarbons by EPA 601
Analyte: 1,1,2-Trichloroethane

06-May-90	Ambient Conditions Blank	ND	0.2000	0.2000	ug/L
09-May-90	Ambient Conditions Blank	ND	0.2000	0.2000	ug/L
21-May-90	Ambient Conditions Blank	ND	0.2000	0.2000	ug/L
24-May-90	Ambient Conditions Blank	ND	0.2000	0.2000	ug/L
10-May-90	Equipment Blank	ND	0.2000	0.2000	ug/L
14-May-90	Equipment Blank	ND	0.2000	0.2000	ug/L
21-May-90	Equipment Blank	ND	0.2000	0.2000	ug/L
24-May-90	Equipment Blank	ND	0.2000	0.2000	ug/L
24-Apr-90	Trip Blank	ND	2.0000	2.0000	ug/L
30-Apr-90	Trip Blank	ND	0.2000	0.2000	ug/L
06-May-90	Trip Blank	ND	0.2000	0.2000	ug/L
09-May-90	Trip Blank	ND	0.2000	0.2000	ug/L
10-May-90	Trip Blank	ND	0.2000	0.2000	ug/L
14-May-90	Trip Blank	ND	0.2000	0.2000	ug/L
19-May-90	Trip Blank	ND	0.2000	0.2000	ug/L
20-May-90	Trip Blank	ND	0.2000	0.2000	ug/L
22-May-90	Trip Blank	ND	0.2000	0.2000	ug/L
24-May-90	Trip Blank	ND	0.2000	0.2000	ug/L
25-May-90	Trip Blank	ND	0.2000	0.2000	ug/L

Total Number of Blanks = 19 Concentration Range NC
Total Number above Detection Limit = 0 Maximum Detection Limit = 2.0

TABLE 2. DETAILED LISTING OF BLANK RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Blank Results for Matrix = Water (Field/Trip QC)

Date	Type of Blank	Detection Flag	Result	Detection Limit	Units
Method: Halocarbons by EPA 601					
Analyte: 1,1-Dichloroethane					
06-May-90	Ambient Conditions Blank	ND	0.5000	0.5000	ug/L
09-May-90	Ambient Conditions Blank	ND	0.5000	0.5000	ug/L
21-May-90	Ambient Conditions Blank	ND	0.5000	0.5000	ug/L
24-May-90	Ambient Conditions Blank	ND	0.5000	0.5000	ug/L
10-May-90	Equipment Blank	ND	0.5000	0.5000	ug/L
14-May-90	Equipment Blank	ND	0.5000	0.5000	ug/L
21-May-90	Equipment Blank	ND	0.5000	0.5000	ug/L
24-May-90	Equipment Blank	ND	0.5000	0.5000	ug/L
24-Apr-90	Trip Blank	ND	5.0000	5.0000	ug/L
30-Apr-90	Trip Blank	ND	0.5000	0.5000	ug/L
06-May-90	Trip Blank	ND	0.5000	0.5000	ug/L
09-May-90	Trip Blank	ND	0.5000	0.5000	ug/L
10-May-90	Trip Blank	ND	0.5000	0.5000	ug/L
14-May-90	Trip Blank	ND	0.5000	0.5000	ug/L
19-May-90	Trip Blank	ND	0.5000	0.5000	ug/L
20-May-90	Trip Blank	ND	0.5000	0.5000	ug/L
22-May-90	Trip Blank	ND	0.5000	0.5000	ug/L
24-May-90	Trip Blank	ND	0.5000	0.5000	ug/L
25-May-90	Trip Blank	ND	0.5000	0.5000	ug/L

Total Number of Blanks = 19 Concentration Range NC

Total Number above Detection Limit = 0 Maximum Detection Limit = 5.0

Method: Halocarbons by EPA 601					
Analyte: 1,1-Dichloroethene					
06-May-90	Ambient Conditions Blank	ND	0.2000	0.2000	ug/L
09-May-90	Ambient Conditions Blank	ND	0.2000	0.2000	ug/L
21-May-90	Ambient Conditions Blank	ND	0.2000	0.2000	ug/L
24-May-90	Ambient Conditions Blank	ND	0.2000	0.2000	ug/L
10-May-90	Equipment Blank	ND	0.2000	0.2000	ug/L
14-May-90	Equipment Blank	ND	0.2000	0.2000	ug/L
21-May-90	Equipment Blank	ND	0.2000	0.2000	ug/L
24-May-90	Equipment Blank	ND	0.2000	0.2000	ug/L
24-Apr-90	Trip Blank	ND	2.0000	2.0000	ug/L
30-Apr-90	Trip Blank	ND	0.2000	0.2000	ug/L
06-May-90	Trip Blank	ND	0.2000	0.2000	ug/L
09-May-90	Trip Blank	ND	0.2000	0.2000	ug/L
10-May-90	Trip Blank	ND	0.2000	0.2000	ug/L

TABLE 2. DETAILED LISTING OF BLANK RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Blank Results for Matrix = Water (Field/Trip QC)

Date	Type of Blank	Detection Flag	Result	Detection Limit	Units
Analysis for Halocarbons by EPA 601					
Analyte: 1,1-Dichloroethene continued					
14-May-90	Trip Blank	ND	0.2000	0.2000	ug/L
19-May-90	Trip Blank	ND	0.2000	0.2000	ug/L
20-May-90	Trip Blank	ND	0.2000	0.2000	ug/L
22-May-90	Trip Blank	ND	0.2000	0.2000	ug/L
24-May-90	Trip Blank	ND	0.2000	0.2000	ug/L
25-May-90	Trip Blank	ND	0.2000	0.2000	ug/L

Total Number of Blanks = 19 Concentration Range NC
Total Number above Detection Limit = 0 Maximum Detection Limit = 2.0

Method: Halocarbons by EPA 601
Analyte: 1,2-Dichlorobenzene

06-May-90	Ambient Conditions Blank	ND	0.5000	0.5000	ug/L
09-May-90	Ambient Conditions Blank	ND	0.5000	0.5000	ug/L
21-May-90	Ambient Conditions Blank	ND	0.5000	0.5000	ug/L
24-May-90	Ambient Conditions Blank	ND	0.5000	0.5000	ug/L
10-May-90	Equipment Blank	ND	0.5000	0.5000	ug/L
14-May-90	Equipment Blank	ND	0.5000	0.5000	ug/L
21-May-90	Equipment Blank	ND	0.5000	0.5000	ug/L
24-May-90	Equipment Blank	ND	0.5000	0.5000	ug/L
24-Apr-90	Trip Blank	ND	5.0000	5.0000	ug/L
30-Apr-90	Trip Blank	ND	0.5000	0.5000	ug/L
06-May-90	Trip Blank	ND	0.5000	0.5000	ug/L
09-May-90	Trip Blank	ND	0.5000	0.5000	ug/L
10-May-90	Trip Blank	ND	0.5000	0.5000	ug/L
14-May-90	Trip Blank	ND	0.5000	0.5000	ug/L
19-May-90	Trip Blank	ND	0.5000	0.5000	ug/L
20-May-90	Trip Blank	ND	0.5000	0.5000	ug/L
22-May-90	Trip Blank	ND	0.5000	0.5000	ug/L
24-May-90	Trip Blank	ND	0.5000	0.5000	ug/L
25-May-90	Trip Blank	ND	0.5000	0.5000	ug/L

Total Number of Blanks = 19 Concentration Range NC
Total Number above Detection Limit = 0 Maximum Detection Limit = 5.0

TABLE 2. DETAILED LISTING OF BLANK RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Blank Results for Matrix = Water (Field/Trip QC)

Date	Type of Blank	Detection Flag	Result	Detection Limit	Units
Method: Halocarbons by EPA 601					
Analyte: 1,2-Dichloroethane					
06-May-90	Ambient Conditions Blank		1.2000	0.1000	ug/L
09-May-90	Ambient Conditions Blank		1.0000	0.1000	ug/L
21-May-90	Ambient Conditions Blank		0.7900	0.1000	ug/L
24-May-90	Ambient Conditions Blank		0.9300	0.1000	ug/L
24-Apr-90	Trip Blank	ND	1.0000	1.0000	ug/L
30-Apr-90	Trip Blank	ND	0.1000	0.1000	ug/L
06-May-90	Trip Blank	ND	0.1000	0.1000	ug/L
09-May-90	Trip Blank	ND	0.1000	0.1000	ug/L
10-May-90	Trip Blank	ND	0.1000	0.1000	ug/L
14-May-90	Trip Blank	ND	0.1000	0.1000	ug/L
19-May-90	Trip Blank	ND	0.1000	0.1000	ug/L
20-May-90	Trip Blank	ND	0.1000	0.1000	ug/L
22-May-90	Trip Blank	ND	0.1000	0.1000	ug/L
24-May-90	Trip Blank	ND	0.1000	0.1000	ug/L
25-May-90	Trip Blank	ND	0.1000	0.1000	ug/L

Total Number of Blanks = 15 Concentration Range 0.790 - 1.2

Total Number above Detection Limit = 4 Maximum Detection Limit = 1.0

Method: Halocarbons by EPA 601					
Analyte: 1,2-Dichloropropane					
06-May-90	Ambient Conditions Blank	ND	0.1000	0.1000	ug/L
09-May-90	Ambient Conditions Blank	ND	0.1000	0.1000	ug/L
21-May-90	Ambient Conditions Blank	ND	0.1000	0.1000	ug/L
24-May-90	Ambient Conditions Blank	ND	0.1000	0.1000	ug/L
10-May-90	Equipment Blank	ND	0.1000	0.1000	ug/L
14-May-90	Equipment Blank	ND	0.1000	0.1000	ug/L
21-May-90	Equipment Blank	ND	0.1000	0.1000	ug/L
24-May-90	Equipment Blank	ND	0.1000	0.1000	ug/L
24-Apr-90	Trip Blank	ND	1.0000	1.0000	ug/L
30-Apr-90	Trip Blank	ND	0.1000	0.1000	ug/L
06-May-90	Trip Blank	ND	0.1000	0.1000	ug/L
09-May-90	Trip Blank	ND	0.1000	0.1000	ug/L
10-May-90	Trip Blank	ND	0.1000	0.1000	ug/L
14-May-90	Trip Blank	ND	0.1000	0.1000	ug/L
19-May-90	Trip Blank	ND	0.1000	0.1000	ug/L
20-May-90	Trip Blank	ND	0.1000	0.1000	ug/L

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TABLE 2. DETAILED LISTING OF BLANK RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Blank Results for Matrix = Water (Field/Trip QC)

Date	Type of Blank	Detection Flag	Result	Detection Limit	Units
Analysis for Halocarbons by EPA 601					
Analyte: 1,2-Dichloropropane continued					
22-May-90	Trip Blank	ND	0.1000	0.1000	ug/L
24-May-90	Trip Blank	ND	0.1000	0.1000	ug/L
25-May-90	Trip Blank	ND	0.1000	0.1000	ug/L
Total Number of Blanks = 19			Concentration Range NC		
Total Number above Detection Limit = 0			Maximum Detection Limit = 1.0		
Method: Halocarbons by EPA 601					
Analyte: 1,3-Dichlorobenzene					
06-May-90	Ambient Conditions Blank	ND	0.3200	0.3200	ug/L
09-May-90	Ambient Conditions Blank	ND	0.3200	0.3200	ug/L
21-May-90	Ambient Conditions Blank	ND	0.3200	0.3200	ug/L
24-May-90	Ambient Conditions Blank	ND	0.3200	0.3200	ug/L
10-May-90	Equipment Blank	ND	0.3200	0.3200	ug/L
14-May-90	Equipment Blank	ND	0.3200	0.3200	ug/L
21-May-90	Equipment Blank	ND	0.3200	0.3200	ug/L
24-May-90	Equipment Blank	ND	0.3200	0.3200	ug/L
24-Apr-90	Trip Blank	ND	3.2000	3.2000	ug/L
30-Apr-90	Trip Blank	ND	0.3200	0.3200	ug/L
06-May-90	Trip Blank	ND	0.3200	0.3200	ug/L
09-May-90	Trip Blank	ND	0.3200	0.3200	ug/L
10-May-90	Trip Blank	ND	0.3200	0.3200	ug/L
14-May-90	Trip Blank	ND	0.3200	0.3200	ug/L
19-May-90	Trip Blank	ND	0.3200	0.3200	ug/L
20-May-90	Trip Blank	ND	0.3200	0.3200	ug/L
22-May-90	Trip Blank	ND	0.3200	0.3200	ug/L
24-May-90	Trip Blank	ND	0.3200	0.3200	ug/L
25-May-90	Trip Blank	ND	0.3200	0.3200	ug/L
Total Number of Blanks = 19			Concentration Range NC		
Total Number above Detection Limit = 0			Maximum Detection Limit = 3.2		
Method: Halocarbons by EPA 601					
Analyte: 1,4-Dichlorobenzene					
06-May-90	Ambient Conditions Blank	ND	0.2400	0.2400	ug/L

TABLE 2. DETAILED LISTING OF BLANK RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Blank Results for Matrix = Water (Field/Trip QC)

Date	Type of Blank	Detection Flag	Result	Detection Limit	Units
Analysis for Halocarbons by EPA 601					
Analyte: 1,4-Dichlorobenzene continued					
09-May-90	Ambient Conditions Blank	ND	0.2400	0.2400	ug/L
21-May-90	Ambient Conditions Blank	ND	0.2400	0.2400	ug/L
24-May-90	Ambient Conditions Blank	ND	0.2400	0.2400	ug/L
10-May-90	Equipment Blank	ND	0.2400	0.2400	ug/L
14-May-90	Equipment Blank	ND	0.2400	0.2400	ug/L
21-May-90	Equipment Blank	ND	0.2400	0.2400	ug/L
24-May-90	Equipment Blank	ND	0.2400	0.2400	ug/L
24-Apr-90	Trip Blank	ND	2.4000	2.4000	ug/L
30-Apr-90	Trip Blank	ND	0.2400	0.2400	ug/L
06-May-90	Trip Blank	ND	0.2400	0.2400	ug/L
09-May-90	Trip Blank	ND	0.2400	0.2400	ug/L
10-May-90	Trip Blank	ND	0.2400	0.2400	ug/L
14-May-90	Trip Blank	ND	0.2400	0.2400	ug/L
19-May-90	Trip Blank	ND	0.2400	0.2400	ug/L
20-May-90	Trip Blank	ND	0.2400	0.2400	ug/L
22-May-90	Trip Blank	ND	0.2400	0.2400	ug/L
24-May-90	Trip Blank	ND	0.2400	0.2400	ug/L
25-May-90	Trip Blank	ND	0.2400	0.2400	ug/L

Total Number of Blanks = 19 Concentration Range NC

Total Number above Detection Limit = 0 Maximum Detection Limit = 2.4

Method: Halocarbons by EPA 601

Analyte: 2-Chloroethylvinyl ether

06-May-90	Ambient Conditions Blank	ND	0.5000	0.5000	ug/L
09-May-90	Ambient Conditions Blank	ND	0.5000	0.5000	ug/L
21-May-90	Ambient Conditions Blank	ND	0.5000	0.5000	ug/L
24-May-90	Ambient Conditions Blank	ND	0.5000	0.5000	ug/L
10-May-90	Equipment Blank	ND	0.5000	0.5000	ug/L
14-May-90	Equipment Blank	ND	0.5000	0.5000	ug/L
21-May-90	Equipment Blank	ND	0.5000	0.5000	ug/L
24-May-90	Equipment Blank	ND	0.5000	0.5000	ug/L
24-Apr-90	Trip Blank	ND	5.0000	5.0000	ug/L
30-Apr-90	Trip Blank	ND	0.5000	0.5000	ug/L
06-May-90	Trip Blank	ND	0.5000	0.5000	ug/L
09-May-90	Trip Blank	ND	0.5000	0.5000	ug/L
10-May-90	Trip Blank	ND	0.5000	0.5000	ug/L

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TABLE 2. DETAILED LISTING OF BLANK RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Blank Results for Matrix = Water (Field/Trip QC)

Date	Type of Blank	Detection Flag	Result	Detection Limit	Units
Analysis for Halocarbons by EPA 601					
Analyte: 2-Chloroethylvinyl ether continued					
14-May-90	Trip Blank	ND	0.5000	0.5000	ug/L
19-May-90	Trip Blank	ND	0.5000	0.5000	ug/L
20-May-90	Trip Blank	ND	0.5000	0.5000	ug/L
22-May-90	Trip Blank	ND	0.5000	0.5000	ug/L
24-May-90	Trip Blank	ND	0.5000	0.5000	ug/L
25-May-90	Trip Blank	ND	0.5000	0.5000	ug/L

Total Number of Blanks = 19 Concentration Range NC
Total Number above Detection Limit = 0 Maximum Detection Limit = 5.0

Method: Halocarbons by EPA 601					
Analyte: Bromodichloromethane					
06-May-90	Ambient Conditions Blank	ND	0.1000	0.1000	ug/L
09-May-90	Ambient Conditions Blank	ND	0.1000	0.1000	ug/L
21-May-90	Ambient Conditions Blank	ND	0.1000	0.1000	ug/L
24-May-90	Ambient Conditions Blank	ND	0.1000	0.1000	ug/L
10-May-90	Equipment Blank	ND	0.1000	0.1000	ug/L
14-May-90	Equipment Blank	ND	0.1000	0.1000	ug/L
21-May-90	Equipment Blank	ND	0.1000	0.1000	ug/L
24-May-90	Equipment Blank	ND	0.1000	0.1000	ug/L
24-Apr-90	Trip Blank	ND	1.0000	1.0000	ug/L
30-Apr-90	Trip Blank	ND	0.1000	0.1000	ug/L
06-May-90	Trip Blank	ND	0.1000	0.1000	ug/L
09-May-90	Trip Blank	ND	0.1000	0.1000	ug/L
10-May-90	Trip Blank	ND	0.1000	0.1000	ug/L
14-May-90	Trip Blank	ND	0.1000	0.1000	ug/L
19-May-90	Trip Blank	ND	0.1000	0.1000	ug/L
20-May-90	Trip Blank	ND	0.1000	0.1000	ug/L
22-May-90	Trip Blank	ND	0.1000	0.1000	ug/L
24-May-90	Trip Blank	ND	0.1000	0.1000	ug/L
25-May-90	Trip Blank	ND	0.1000	0.1000	ug/L

Total Number of Blanks = 19 Concentration Range NC
Total Number above Detection Limit = 0 Maximum Detection Limit = 1.0

TABLE 2. DETAILED LISTING OF BLANK RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Blank Results for Matrix = Water (Field/Trip QC)

Date	Type of Blank	Detection Flag	Result	Detection Limit	Units
Method: Halocarbons by EPA 601					
Analyte: Bromoform					
06-May-90	Ambient Conditions Blank	ND	0.5000	0.5000	ug/L
09-May-90	Ambient Conditions Blank	ND	0.5000	0.5000	ug/L
21-May-90	Ambient Conditions Blank	ND	0.5000	0.5000	ug/L
24-May-90	Ambient Conditions Blank	ND	0.5000	0.5000	ug/L
10-May-90	Equipment Blank	ND	0.5000	0.5000	ug/L
14-May-90	Equipment Blank	ND	0.5000	0.5000	ug/L
21-May-90	Equipment Blank	ND	0.5000	0.5000	ug/L
24-May-90	Equipment Blank	ND	0.5000	0.5000	ug/L
24-Apr-90	Trip Blank	ND	5.0000	5.0000	ug/L
30-Apr-90	Trip Blank	ND	0.5000	0.5000	ug/L
06-May-90	Trip Blank	ND	0.5000	0.5000	ug/L
09-May-90	Trip Blank	ND	0.5000	0.5000	ug/L
10-May-90	Trip Blank	ND	0.5000	0.5000	ug/L
14-May-90	Trip Blank	ND	0.5000	0.5000	ug/L
19-May-90	Trip Blank	ND	0.5000	0.5000	ug/L
20-May-90	Trip Blank	ND	0.5000	0.5000	ug/L
22-May-90	Trip Blank	ND	0.5000	0.5000	ug/L
24-May-90	Trip Blank	ND	0.5000	0.5000	ug/L
25-May-90	Trip Blank	ND	0.5000	0.5000	ug/L

Total Number of Blanks = 19 Concentration Range NC

Total Number above Detection Limit = 0 Maximum Detection Limit = 5.0

Method: Halocarbons by EPA 601					
Analyte: Bromomethane					
06-May-90	Ambient Conditions Blank	ND	1.2000	1.2000	ug/L
09-May-90	Ambient Conditions Blank	ND	1.2000	1.2000	ug/L
21-May-90	Ambient Conditions Blank	ND	1.2000	1.2000	ug/L
24-May-90	Ambient Conditions Blank	ND	1.2000	1.2000	ug/L
10-May-90	Equipment Blank	ND	1.2000	1.2000	ug/L
14-May-90	Equipment Blank	ND	1.2000	1.2000	ug/L
21-May-90	Equipment Blank	ND	1.2000	1.2000	ug/L
24-May-90	Equipment Blank	ND	1.2000	1.2000	ug/L
24-Apr-90	Trip Blank	ND	12.0000	12.0000	ug/L
30-Apr-90	Trip Blank	ND	1.2000	1.2000	ug/L
06-May-90	Trip Blank	ND	1.2000	1.2000	ug/L
09-May-90	Trip Blank	ND	1.2000	1.2000	ug/L

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TABLE 2. DETAILED LISTING OF BLANK RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Blank Results for Matrix = Water (Field/Trip QC)

Date	Type of Blank	Detection Flag	Result	Detection Limit	Units
Analysis for Halocarbons by EPA 601					
Analyte: Bromomethane continued					
10-May-90	Trip Blank	ND	1.2000	1.2000	ug/L
14-May-90	Trip Blank	NO	1.2000	1.2000	ug/L
19-May-90	Trip Blank	ND	1.2000	1.2000	ug/L
20-May-90	Trip Blank	NO	1.2000	1.2000	ug/L
22-May-90	Trip Blank	ND	1.2000	1.2000	ug/L
24-May-90	Trip Blank	ND	1.2000	1.2000	ug/L
25-May-90	Trip Blank	ND	1.2000	1.2000	ug/L

Total Number of Blanks = 19 Concentration Range NC
Total Number above Detection Limit = 0 Maximum Detection Limit = 12.0

Method: Halocarbons by EPA 601					
Analyte: Carbon tetrachloride					
06-May-90	Ambient Conditions Blank	ND	0.1200	0.1200	ug/L
09-May-90	Ambient Conditions Blank	NO	0.1200	0.1200	ug/L
21-May-90	Ambient Conditions Blank	NO	0.1200	0.1200	ug/L
24-May-90	Ambient Conditions Blank	NO	0.1200	0.1200	ug/L
10-May-90	Equipment Blank	NO	0.1200	0.1200	ug/L
14-May-90	Equipment Blank	ND	0.1200	0.1200	ug/L
21-May-90	Equipment Blank	NO	0.1200	0.1200	ug/L
24-May-90	Equipment Blank	ND	0.1200	0.1200	ug/L
24-Apr-90	Trip Blank	ND	1.2000	1.2000	ug/L
30-Apr-90	Trip Blank	ND	0.1200	0.1200	ug/L
06-May-90	Trip Blank	ND	0.1200	0.1200	ug/L
09-May-90	Trip Blank	ND	0.1200	0.1200	ug/L
10-May-90	Trip Blank	ND	0.1200	0.1200	ug/L
14-May-90	Trip Blank	NO	0.1200	0.1200	ug/L
19-May-90	Trip Blank	NO	0.1200	0.1200	ug/L
20-May-90	Trip Blank	NO	0.1200	0.1200	ug/L
22-May-90	Trip Blank	ND	0.1200	0.1200	ug/L
24-May-90	Trip Blank	ND	0.1200	0.1200	ug/L
25-May-90	Trip Blank	ND	0.1200	0.1200	ug/L

Total Number of Blanks = 19 Concentration Range NC
Total Number above Detection Limit = 0 Maximum Detection Limit = 1.2

TABLE 2. DETAILED LISTING OF BLANK RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Blank Results for Matrix = Water (Field/Trip QC)

Date	Type of Blank	Detection Flag	Result	Detection Limit	Units
Method: Halocarbons by EPA 601					
Analyte: Chlorobenzene					
06-May-90	Ambient Conditions Blank	ND	0.2500	0.2500	ug/L
09-May-90	Ambient Conditions Blank	ND	0.2500	0.2500	ug/L
21-May-90	Ambient Conditions Blank	ND	0.2500	0.2500	ug/L
24-May-90	Ambient Conditions Blank	ND	0.2500	0.2500	ug/L
10-May-90	Equipment Blank	ND	0.2500	0.2500	ug/L
14-May-90	Equipment Blank	ND	0.2500	0.2500	ug/L
21-May-90	Equipment Blank	ND	0.2500	0.2500	ug/L
24-May-90	Equipment Blank	ND	0.2500	0.2500	ug/L
24-Apr-90	Trip Blank	ND	2.5000	2.5000	ug/L
30-Apr-90	Trip Blank	ND	0.2500	0.2500	ug/L
06-May-90	Trip Blank	ND	0.2500	0.2500	ug/L
09-May-90	Trip Blank	ND	0.2500	0.2500	ug/L
10-May-90	Trip Blank	ND	0.2500	0.2500	ug/L
14-May-90	Trip Blank	ND	0.2500	0.2500	ug/L
19-May-90	Trip Blank	ND	0.2500	0.2500	ug/L
20-May-90	Trip Blank	ND	0.2500	0.2500	ug/L
22-May-90	Trip Blank	ND	0.2500	0.2500	ug/L
24-May-90	Trip Blank	ND	0.2500	0.2500	ug/L
25-May-90	Trip Blank	ND	0.2500	0.2500	ug/L

Total Number of Blanks = 19 Concentration Range NC

Total Number above Detection Limit = 0 Maximum Detection Limit = 2.5

Method: Halocarbons by EPA 601					
Analyte: Chloroethane					
06-May-90	Ambient Conditions Blank	ND	0.5200	0.5200	ug/L
09-May-90	Ambient Conditions Blank	ND	0.5200	0.5200	ug/L
21-May-90	Ambient Conditions Blank	ND	0.5200	0.5200	ug/L
24-May-90	Ambient Conditions Blank	ND	0.5200	0.5200	ug/L
10-May-90	Equipment Blank	ND	0.5200	0.5200	ug/L
14-May-90	Equipment Blank	ND	0.5200	0.5200	ug/L
21-May-90	Equipment Blank	ND	0.5200	0.5200	ug/L
24-May-90	Equipment Blank	ND	0.5200	0.5200	ug/L
24-Apr-90	Trip Blank	ND	5.2000	5.2000	ug/L
30-Apr-90	Trip Blank	ND	0.5200	0.5200	ug/L
06-May-90	Trip Blank	ND	0.5200	0.5200	ug/L
09-May-90	Trip Blank	ND	0.5200	0.5200	ug/L
10-May-90	Trip Blank	ND	0.5200	0.5200	ug/L

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TABLE 2. DETAILED LISTING OF BLANK RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Blank Results for Matrix = Water (Field/Trip QC)

Date	Type of Blank	Detection Flag	Result	Detection Limit	Units
Analysis for Halocarbons by EPA 601					
Analyte: Chloroethane continued					
14-May-90	Trip Blank	ND	0.5200	0.5200	ug/L
19-May-90	Trip Blank	ND	0.5200	0.5200	ug/L
20-May-90	Trip Blank	ND	0.5200	0.5200	ug/L
22-May-90	Trip Blank	ND	0.5200	0.5200	ug/L
24-May-90	Trip Blank	ND	0.5200	0.5200	ug/L
25-May-90	Trip Blank	ND	0.5200	0.5200	ug/L

Total Number of Blanks = 19 Concentration Range NC

Total Number above Detection Limit = 0 Maximum Detection Limit = 5.2

Method: Halocarbons by EPA 601

Analyte: Chloroform

06-May-90	Ambient Conditions Blank	ND	0.1000	0.1000	ug/L
09-May-90	Ambient Conditions Blank	ND	0.1000	0.1000	ug/L
21-May-90	Ambient Conditions Blank	ND	0.1000	0.1000	ug/L
24-May-90	Ambient Conditions Blank	ND	0.1000	0.1000	ug/L
10-May-90	Equipment Blank	ND	0.1000	0.1000	ug/L
14-May-90	Equipment Blank	ND	0.1000	0.1000	ug/L
21-May-90	Equipment Blank	ND	0.1000	0.1000	ug/L
24-May-90	Equipment Blank	ND	0.1000	0.1000	ug/L
24-Apr-90	Trip Blank	ND	1.0000	1.0000	ug/L
30-Apr-90	Trip Blank	ND	0.1000	0.1000	ug/L
06-May-90	Trip Blank	ND	0.1000	0.1000	ug/L
09-May-90	Trip Blank	ND	0.1000	0.1000	ug/L
10-May-90	Trip Blank	ND	0.1000	0.1000	ug/L
14-May-90	Trip Blank	ND	0.1000	0.1000	ug/L
19-May-90	Trip Blank	ND	0.1000	0.1000	ug/L
20-May-90	Trip Blank	ND	0.1000	0.1000	ug/L
22-May-90	Trip Blank	ND	0.1000	0.1000	ug/L
24-May-90	Trip Blank	ND	0.1000	0.1000	ug/L
25-May-90	Trip Blank	ND	0.1000	0.1000	ug/L

Total Number of Blanks = 19 Concentration Range NC

Total Number above Detection Limit = 0 Maximum Detection Limit = 1.0

TABLE 2. DETAILED LISTING OF BLANK RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Blank Results for Matrix = Water (Field/Trip QC)

Date	Type of Blank	Detection Flag	Result	Detection Limit	Units
Method: Halocarbons by EPA 601					
Analyte: Chloromethane					
06-May-90	Ambient Conditions Blank	ND	0.3000	0.3000	ug/L
09-May-90	Ambient Conditions Blank	ND	0.3000	0.3000	ug/L
21-May-90	Ambient Conditions Blank	ND	0.3000	0.3000	ug/L
24-May-90	Ambient Conditions Blank	ND	0.3000	0.3000	ug/L
10-May-90	Equipment Blank	ND	0.3000	0.3000	ug/L
14-May-90	Equipment Blank	ND	0.3000	0.3000	ug/L
21-May-90	Equipment Blank	ND	0.3000	0.3000	ug/L
24-May-90	Equipment Blank	ND	0.3000	0.3000	ug/L
24-Apr-90	Trip Blank	ND	3.0000	3.0000	ug/L
30-Apr-90	Trip Blank	ND	0.3000	0.3000	ug/L
06-May-90	Trip Blank	ND	0.3000	0.3000	ug/L
09-May-90	Trip Blank	ND	0.3000	0.3000	ug/L
10-May-90	Trip Blank	ND	0.3000	0.3000	ug/L
14-May-90	Trip Blank	ND	0.3000	0.3000	ug/L
19-May-90	Trip Blank	ND	0.3000	0.3000	ug/L
20-May-90	Trip Blank	ND	0.3000	0.3000	ug/L
22-May-90	Trip Blank	ND	0.3000	0.3000	ug/L
24-May-90	Trip Blank	ND	0.3000	0.3000	ug/L
25-May-90	Trip Blank	ND	0.3000	0.3000	ug/L

Total Number of Blanks = 19 Concentration Range NC

Total Number above Detection Limit = 0 Maximum Detection Limit = 3.0

Method: Halocarbons by EPA 601					
Analyte: Dibromochloromethane					
06-May-90	Ambient Conditions Blank	ND	0.2000	0.2000	ug/L
09-May-90	Ambient Conditions Blank	ND	0.2000	0.2000	ug/L
21-May-90	Ambient Conditions Blank	ND	0.2000	0.2000	ug/L
24-May-90	Ambient Conditions Blank	ND	0.2000	0.2000	ug/L
10-May-90	Equipment Blank	ND	0.2000	0.2000	ug/L
14-May-90	Equipment Blank	ND	0.2000	0.2000	ug/L
21-May-90	Equipment Blank	ND	0.2000	0.2000	ug/L
24-May-90	Equipment Blank	ND	0.2000	0.2000	ug/L
24-Apr-90	Trip Blank	ND	2.0000	2.0000	ug/L
30-Apr-90	Trip Blank	ND	0.2000	0.2000	ug/L
06-May-90	Trip Blank	ND	0.2000	0.2000	ug/L
09-May-90	Trip Blank	ND	0.2000	0.2000	ug/L

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TABLE 2. DETAILED LISTING OF BLANK RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Blank Results for Matrix = Water (Field/Trip QC)

Date	Type of Blank	Detection Flag	Result	Detection Limit	Units
Analysis for Halocarbons by EPA 601					
Analyte: Dibromochloromethane continued					
10-May-90	Trip Blank	ND	0.2000	0.2000	ug/L
14-May-90	Trip Blank	ND	0.2000	0.2000	ug/L
19-May-90	Trip Blank	ND	0.2000	0.2000	ug/L
20-May-90	Trip Blank	ND	0.2000	0.2000	ug/L
22-May-90	Trip Blank	ND	0.2000	0.2000	ug/L
24-May-90	Trip Blank	ND	0.2000	0.2000	ug/L
25-May-90	Trip Blank	ND	0.2000	0.2000	ug/L

Total Number of Blanks = 19 Concentration Range NC
Total Number above Detection Limit = 0 Maximum Detection Limit = 2.0

Method: Halocarbons by EPA 601
Analyte: Methylene chloride

06-May-90	Ambient Conditions Blank	<5X	0.5400	0.4000	ug/L
09-May-90	Ambient Conditions Blank	<5X	0.6700	0.4000	ug/L
21-May-90	Ambient Conditions Blank	ND	0.4000	0.4000	ug/L
24-May-90	Ambient Conditions Blank	ND	0.4000	0.4000	ug/L
10-May-90	Equipment Blank	ND	0.4000	0.4000	ug/L
14-May-90	Equipment Blank	<5X	0.4900	0.4000	ug/L
21-May-90	Equipment Blank	ND	0.4000	0.4000	ug/L
24-May-90	Equipment Blank	<5X	0.6400	0.4000	ug/L
24-Apr-90	Trip Blank	<5X	6.7000	4.0000	ug/L
30-Apr-90	Trip Blank		2.0000	0.4000	ug/L
06-May-90	Trip Blank	ND	0.4000	0.4000	ug/L
09-May-90	Trip Blank	ND	0.4000	0.4000	ug/L
10-May-90	Trip Blank	ND	0.4000	0.4000	ug/L
14-May-90	Trip Blank	ND	0.4000	0.4000	ug/L
19-May-90	Trip Blank	ND	0.4000	0.4000	ug/L
20-May-90	Trip Blank	ND	0.4000	0.4000	ug/L
22-May-90	Trip Blank	ND	0.4000	0.4000	ug/L
24-May-90	Trip Blank	ND	0.4000	0.4000	ug/L
25-May-90	Trip Blank	ND	0.4000	0.4000	ug/L

Total Number of Blanks = 19 Concentration Range 0.490 - 6.7
Total Number above Detection Limit = 6 Maximum Detection Limit = 0.40

TABLE 2. DETAILED LISTING OF BLANK RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Blank Results for Matrix = Water (Field/Trip QC)

Date	Type of Blank	Detection Flag	Result	Detection Limit	Units
Method: Halocarbons by EPA 601					
Analyte: Tetrachloroethene					
06-May-90	Ambient Conditions Blank	ND	0.1000	0.1000	ug/L
09-May-90	Ambient Conditions Blank	<5X	0.1600	0.1000	ug/L
21-May-90	Ambient Conditions Blank	ND	0.1000	0.1000	ug/L
24-May-90	Ambient Conditions Blank	ND	0.1000	0.1000	ug/L
10-May-90	Equipment Blank	ND	0.1000	0.1000	ug/L
14-May-90	Equipment Blank	ND	0.1000	0.1000	ug/L
21-May-90	Equipment Blank	ND	0.1000	0.1000	ug/L
24-May-90	Equipment Blank	ND	0.1000	0.1000	ug/L
24-Apr-90	Trip Blank	ND	1.0000	1.0000	ug/L
30-Apr-90	Trip Blank	ND	0.1000	0.1000	ug/L
06-May-90	Trip Blank	ND	0.1000	0.1000	ug/L
09-May-90	Trip Blank	ND	0.1000	0.1000	ug/L
10-May-90	Trip Blank	ND	0.1000	0.1000	ug/L
14-May-90	Trip Blank	ND	0.1000	0.1000	ug/L
19-May-90	Trip Blank	ND	0.1000	0.1000	ug/L
20-May-90	Trip Blank	ND	0.1000	0.1000	ug/L
22-May-90	Trip Blank	ND	0.1000	0.1000	ug/L
24-May-90	Trip Blank	ND	0.1000	0.1000	ug/L
25-May-90	Trip Blank	ND	0.1000	0.1000	ug/L

Total Number of Blanks = 19 — Concentration Range 0.160 - 0.16

Total Number above Detection Limit = 1 — Maximum Detection Limit = 1.0

Date	Type of Blank	Detection Flag	Result	Detection Limit	Units
Method: Halocarbons by EPA 601					
Analyte: Trichloroethene					
06-May-90	Ambient Conditions Blank		1.0000	0.2000	ug/L
09-May-90	Ambient Conditions Blank	<5X	0.6100	0.2000	ug/L
21-May-90	Ambient Conditions Blank	<5X	0.5000	0.2000	ug/L
24-May-90	Ambient Conditions Blank	<5X	0.6800	0.2000	ug/L
10-May-90	Equipment Blank	<5X	0.5800	0.2000	ug/L
14-May-90	Equipment Blank	<5X	0.4300	0.2000	ug/L
21-May-90	Equipment Blank	<5X	0.5100	0.2000	ug/L
24-May-90	Equipment Blank	<5X	0.4100	0.2000	ug/L
24-Apr-90	Trip Blank	ND	2.0000	2.0000	ug/L
30-Apr-90	Trip Blank	ND	0.2000	0.2000	ug/L
06-May-90	Trip Blank	ND	0.2000	0.2000	ug/L
09-May-90	Trip Blank	ND	0.2000	0.2000	ug/L
10-May-90	Trip Blank	ND	0.2000	0.2000	ug/L

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TABLE 2. DETAILED LISTING OF BLANK RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Blank Results for Matrix = Water (Field/Trip QC)

Date	Type of Blank	Detection Flag	Result	Detection Limit	Units
Analysis for Halocarbons by EPA 601					
Analyte: Trichloroethene continued					
14-May-90	Trip Blank	ND	0.2000	0.2000	ug/L
19-May-90	Trip Blank	<5X	0.2600	0.2000	ug/L
20-May-90	Trip Blank	ND	0.2000	0.2000	ug/L
22-May-90	Trip Blank	ND	0.2000	0.2000	ug/L
24-May-90	Trip Blank	ND	0.2000	0.2000	ug/L
25-May-90	Trip Blank	ND	0.2000	0.2000	ug/L

Total Number of Blanks = 19 — Concentration Range 0.260 - 1.0

Total Number above Detection Limit = 9 — Maximum Detection Limit = 2.0

Method: Halocarbons by EPA 601

Analyte: Trichlorofluoromethane

06-May-90	Ambient Conditions Blank	ND	0.2000	0.2000	ug/L
09-May-90	Ambient Conditions Blank	<5X	0.2600	0.2000	ug/L
21-May-90	Ambient Conditions Blank	<5X	0.3000	0.2000	ug/L
24-May-90	Ambient Conditions Blank	<5X	0.4200	0.2000	ug/L
10-May-90	Equipment Blank	ND	0.2000	0.2000	ug/L
14-May-90	Equipment Blank	ND	0.2000	0.2000	ug/L
21-May-90	Equipment Blank	ND	0.2000	0.2000	ug/L
24-May-90	Equipment Blank	<5X	0.3300	0.2000	ug/L
24-Apr-90	Trip Blank	ND	2.0000	2.0000	ug/L
30-Apr-90	Trip Blank	ND	0.2000	0.2000	ug/L
06-May-90	Trip Blank	ND	0.2000	0.2000	ug/L
09-May-90	Trip Blank	ND	0.2000	0.2000	ug/L
10-May-90	Trip Blank	ND	0.2000	0.2000	ug/L
14-May-90	Trip Blank	ND	0.2000	0.2000	ug/L
19-May-90	Trip Blank	ND	0.2000	0.2000	ug/L
20-May-90	Trip Blank	ND	0.2000	0.2000	ug/L
22-May-90	Trip Blank	ND	0.2000	0.2000	ug/L
24-May-90	Trip Blank	ND	0.2000	0.2000	ug/L
25-May-90	Trip Blank	ND	0.2000	0.2000	ug/L

Total Number of Blanks = 19 — Concentration Range 0.260 - 0.42

Total Number above Detection Limit = 4 — Maximum Detection Limit = 2.0

TABLE 2. DETAILED LISTING OF BLANK RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Blank Results for Matrix = Water (Field/Trip QC)

Date	Type of Blank	Detection Flag	Result	Detection Limit	Units
Method: Halocarbons by EPA 601					
Analyte: Vinyl chloride					
06-May-90	Ambient Conditions Blank	<5X	0.2900	0.2000	ug/L
09-May-90	Ambient Conditions Blank		1.1000	0.2000	ug/L
21-May-90	Ambient Conditions Blank	ND	0.2000	0.2000	ug/L
24-May-90	Ambient Conditions Blank		1.6000	0.2000	ug/L
10-May-90	Equipment Blank	ND	0.2000	0.2000	ug/L
14-May-90	Equipment Blank	<5X	0.7100	0.2000	ug/L
21-May-90	Equipment Blank	ND	0.2000	0.2000	ug/L
24-Apr-90	Trip Blank	ND	2.0000	2.0000	ug/L
30-Apr-90	Trip Blank	<5X	0.6100	0.2000	ug/L
06-May-90	Trip Blank	ND	0.2000	0.2000	ug/L
09-May-90	Trip Blank	ND	0.2000	0.2000	ug/L
10-May-90	Trip Blank	ND	0.2000	0.2000	ug/L
14-May-90	Trip Blank	ND	0.2000	0.2000	ug/L
19-May-90	Trip Blank	ND	0.2000	0.2000	ug/L
20-May-90	Trip Blank	ND	0.2000	0.2000	ug/L
22-May-90	Trip Blank	ND	0.2000	0.2000	ug/L
24-May-90	Trip Blank	ND	0.2000	0.2000	ug/L
25-May-90	Trip Blank	ND	0.2000	0.2000	ug/L

Total Number of Blanks = 18 Concentration Range 0.290 - 1.6

Total Number above Detection Limit = 5 Maximum Detection Limit = 2.0

Date	Type of Blank	Detection Flag	Result	Detection Limit	Units
Method: Halocarbons by EPA 601					
Analyte: cis-1,2-Dichloroethene					
06-May-90	Ambient Conditions Blank	ND	0.2000	0.2000	ug/L
09-May-90	Ambient Conditions Blank	ND	0.2000	0.2000	ug/L
21-May-90	Ambient Conditions Blank	ND	0.2000	0.2000	ug/L
24-May-90	Ambient Conditions Blank	ND	0.2000	0.2000	ug/L
10-May-90	Equipment Blank	ND	0.2000	0.2000	ug/L
14-May-90	Equipment Blank	ND	0.2000	0.2000	ug/L
21-May-90	Equipment Blank	ND	0.2000	0.2000	ug/L
24-May-90	Equipment Blank	ND	0.2000	0.2000	ug/L
24-Apr-90	Trip Blank	ND	2.0000	2.0000	ug/L
30-Apr-90	Trip Blank	ND	0.2000	0.2000	ug/L
06-May-90	Trip Blank	ND	0.2000	0.2000	ug/L
09-May-90	Trip Blank	ND	0.2000	0.2000	ug/L
10-May-90	Trip Blank	ND	0.2000	0.2000	ug/L

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TABLE 2. DETAILED LISTING OF BLANK RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Blank Results for Matrix = Water (Field/Trip QC)

Date	Type of Blank	Detection Flag	Result	Detection Limit	Units
Analysis for Halocarbons by EPA 601					
Analyte: cis-1,2-Dichloroethene continued					
14-May-90	Trip Blank	ND	0.2000	0.2000	ug/L
19-May-90	Trip Blank	ND	0.2000	0.2000	ug/L
20-May-90	Trip Blank	ND	0.2000	0.2000	ug/L
22-May-90	Trip Blank	ND	0.2000	0.2000	ug/L
24-May-90	Trip Blank	ND	0.2000	0.2000	ug/L
25-May-90	Trip Blank	ND	0.2000	0.2000	ug/L

Total Number of Blanks = 19 Concentration Range NC

Total Number above Detection Limit = 0 Maximum Detection Limit = 2.0

Method: Halocarbons by EPA 601

Analyte: cis-1,3-Dichloropropene

06-May-90	Ambient Conditions Blank	ND	0.2000	0.2000	ug/L
09-May-90	Ambient Conditions Blank	ND	0.2000	0.2000	ug/L
21-May-90	Ambient Conditions Blank	ND	0.2000	0.2000	ug/L
24-May-90	Ambient Conditions Blank	ND	0.2000	0.2000	ug/L
10-May-90	Equipment Blank	ND	0.2000	0.2000	ug/L
14-May-90	Equipment Blank	ND	0.2000	0.2000	ug/L
21-May-90	Equipment Blank	ND	0.2000	0.2000	ug/L
24-May-90	Equipment Blank	ND	0.2000	0.2000	ug/L
24-Apr-90	Trip Blank	ND	2.0000	2.0000	ug/L
30-Apr-90	Trip Blank	ND	0.2000	0.2000	ug/L
06-May-90	Trip Blank	ND	0.2000	0.2000	ug/L
09-May-90	Trip Blank	ND	0.2000	0.2000	ug/L
10-May-90	Trip Blank	ND	0.2000	0.2000	ug/L
14-May-90	Trip Blank	ND	0.2000	0.2000	ug/L
19-May-90	Trip Blank	ND	0.2000	0.2000	ug/L
20-May-90	Trip Blank	ND	0.2000	0.2000	ug/L
22-May-90	Trip Blank	ND	0.2000	0.2000	ug/L
24-May-90	Trip Blank	ND	0.2000	0.2000	ug/L
25-May-90	Trip Blank	ND	0.2000	0.2000	ug/L

Total Number of Blanks = 19 Concentration Range NC

Total Number above Detection Limit = 0 Maximum Detection Limit = 2.0

TABLE 2. DETAILED LISTING OF BLANK RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Blank Results for Matrix = Water (Field/Trip QC)

Date	Type of Blank	Detection Flag	Result	Detection Limit	Units
Method: Halocarbons by EPA 601					
Analyte: trans-1,2-Dichloroethene					
06-May-90	Ambient Conditions Blank	ND	0.2000	0.2000	ug/L
09-May-90	Ambient Conditions Blank	ND	0.2000	0.2000	ug/L
21-May-90	Ambient Conditions Blank	ND	0.2000	0.2000	ug/L
24-May-90	Ambient Conditions Blank	ND	0.2000	0.2000	ug/L
10-May-90	Equipment Blank	ND	0.2000	0.2000	ug/L
14-May-90	Equipment Blank	ND	0.2000	0.2000	ug/L
21-May-90	Equipment Blank	ND	0.2000	0.2000	ug/L
24-May-90	Equipment Blank	ND	0.2000	0.2000	ug/L
24-Apr-90	Trip Blank	ND	2.0000	2.0000	ug/L
30-Apr-90	Trip Blank	ND	0.2000	0.2000	ug/L
06-May-90	Trip Blank	ND	0.2000	0.2000	ug/L
09-May-90	Trip Blank	ND	0.2000	0.2000	ug/L
10-May-90	Trip Blank	ND	0.2000	0.2000	ug/L
14-May-90	Trip Blank	ND	0.2000	0.2000	ug/L
19-May-90	Trip Blank	ND	0.2000	0.2000	ug/L
20-May-90	Trip Blank	ND	0.2000	0.2000	ug/L
22-May-90	Trip Blank	ND	0.2000	0.2000	ug/L
24-May-90	Trip Blank	ND	0.2000	0.2000	ug/L
25-May-90	Trip Blank	ND	0.2000	0.2000	ug/L

Total Number of Blanks = 19 Concentration Range NC

Total Number above Detection Limit = 0 Maximum Detection Limit = 2.0

Method: Halocarbons by EPA 601					
Analyte: trans-1,3-Dichloropropene					
06-May-90	Ambient Conditions Blank	ND	0.3400	0.3400	ug/L
09-May-90	Ambient Conditions Blank	ND	0.3400	0.3400	ug/L
21-May-90	Ambient Conditions Blank	ND	0.3400	0.3400	ug/L
24-May-90	Ambient Conditions Blank	ND	0.3400	0.3400	ug/L
10-May-90	Equipment Blank	ND	0.3400	0.3400	ug/L
14-May-90	Equipment Blank	ND	0.3400	0.3400	ug/L
21-May-90	Equipment Blank	ND	0.3400	0.3400	ug/L
24-May-90	Equipment Blank	ND	0.3400	0.3400	ug/L
24-Apr-90	Trip Blank	ND	3.4000	3.4000	ug/L
30-Apr-90	Trip Blank	ND	0.3400	0.3400	ug/L
06-May-90	Trip Blank	ND	0.3400	0.3400	ug/L
09-May-90	Trip Blank	ND	0.3400	0.3400	ug/L

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TABLE 2. DETAILED LISTING OF BLANK RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Blank Results for Matrix = Water (Field/Trip QC)

Date	Type of Blank	Detection Flag	Result	Detection Limit	Units
Analysis for Halocarbons by EPA 601					
Analyte: trans-1,3-Dichloropropene continued					
10-May-90	Trip Blank	ND	0.3400	0.3400	ug/L
14-May-90	Trip Blank	ND	0.3400	0.3400	ug/L
19-May-90	Trip Blank	ND	0.3400	0.3400	ug/L
20-May-90	Trip Blank	ND	0.3400	0.3400	ug/L
22-May-90	Trip Blank	ND	0.3400	0.3400	ug/L
24-May-90	Trip Blank	ND	0.3400	0.3400	ug/L
25-May-90	Trip Blank	ND	0.3400	0.3400	ug/L

Total Number of Blanks = 19 Concentration Range NC
Total Number above Detection Limit = 0 Maximum Detection Limit = 3.4

Method: Aromatics by EPA 602					
Analyte: 1,2-Dichlorobenzene					
02-May-90	Ambient Conditions Blank	ND	0.4000	0.4000	ug/L
05-May-90	Equipment Blank	ND	0.4000	0.4000	ug/L
28-Apr-90	Trip Blank	ND	0.4000	0.4000	ug/L
01-May-90	Trip Blank	ND	0.4000	0.4000	ug/L
05-May-90	Trip Blank	ND	0.4000	0.4000	ug/L
22-May-90	Trip Blank	ND	0.4000	0.4000	ug/L

Total Number of Blanks = 6 Concentration Range NC
Total Number above Detection Limit = 0 Maximum Detection Limit = 0.40

Method: Aromatics by EPA 602					
Analyte: 1,3-Dichlorobenzene					
02-May-90	Ambient Conditions Blank	ND	0.4000	0.4000	ug/L
05-May-90	Equipment Blank	ND	0.4000	0.4000	ug/L
28-Apr-90	Trip Blank	ND	0.4000	0.4000	ug/L
01-May-90	Trip Blank	ND	0.4000	0.4000	ug/L
05-May-90	Trip Blank	ND	0.4000	0.4000	ug/L
22-May-90	Trip Blank	ND	0.4000	0.4000	ug/L

Total Number of Blanks = 6 Concentration Range NC
Total Number above Detection Limit = 0 Maximum Detection Limit = 0.40

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TABLE 2. DETAILED LISTING OF BLANK RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Blank Results for Matrix = Water (Field/Trip QC)

Date	Type of Blank	Detection Flag	Result	Detection Limit	Units
Analysis for Aromatics by EPA 602					
Analyte: 1,3-Dichlorobenzene continued					
Method: Aromatics by EPA 602					
Analyte: 1,4-Dichlorobenzene					
02-May-90	Ambient Conditions Blank	ND	0.3000	0.3000	ug/L
05-May-90	Equipment Blank	ND	0.3000	0.3000	ug/L
28-Apr-90	Trip Blank	ND	0.3000	0.3000	ug/L
01-May-90	Trip Blank	ND	0.3000	0.3000	ug/L
05-May-90	Trip Blank	ND	0.3000	0.3000	ug/L
22-May-90	Trip Blank	ND	0.3000	0.3000	ug/L
Total Number of Blanks = 6			Concentration Range NC		
Total Number above Detection Limit = 0			Maximum Detection Limit = 0.30		
Method: Aromatics by EPA 602					
Analyte: Benzene					
02-May-90	Ambient Conditions Blank	ND	0.2000	0.2000	ug/L
05-May-90	Equipment Blank	ND	0.2000	0.2000	ug/L
28-Apr-90	Trip Blank	ND	0.2000	0.2000	ug/L
01-May-90	Trip Blank	ND	0.2000	0.2000	ug/L
05-May-90	Trip Blank	ND	0.2000	0.2000	ug/L
22-May-90	Trip Blank	ND	0.2000	0.2000	ug/L
Total Number of Blanks = 6			Concentration Range NC		
Total Number above Detection Limit = 0			Maximum Detection Limit = 0.20		
Method: Aromatics by EPA 602					
Analyte: Chlorobenzene					
02-May-90	Ambient Conditions Blank	ND	0.2000	0.2000	ug/L
05-May-90	Equipment Blank	ND	0.2000	0.2000	ug/L
28-Apr-90	Trip Blank	ND	0.2000	0.2000	ug/L
01-May-90	Trip Blank	<5X	0.2800	0.2000	ug/L
05-May-90	Trip Blank	ND	0.2000	0.2000	ug/L
22-May-90	Trip Blank	ND	0.2000	0.2000	ug/L

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TABLE 2. DETAILED LISTING OF BLANK RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Blank Results for Matrix = Water (Field/Trip QC)

Date	Type of Blank	Detection Flag	Result	Detection Limit	Units
Analysis for Aromatics by EPA 602					
Analyte: Chlorobenzene continued					
Total Number of Blanks = 6			Concentration Range	0.280 - 0.28	
Total Number above Detection Limit = 1			Maximum Detection Limit = 0.20		
Method: Aromatics by EPA 602					
Analyte: Ethylbenzene					
02-May-90	Ambient Conditions Blank	ND	0.2000	0.2000	ug/L
05-May-90	Equipment Blank	ND	0.2000	0.2000	ug/L
28-Apr-90	Trip Blank	ND	0.2000	0.2000	ug/L
01-May-90	Trip Blank	ND	0.2000	0.2000	ug/L
05-May-90	Trip Blank	ND	0.2000	0.2000	ug/L
22-May-90	Trip Blank	ND	0.2000	0.2000	ug/L
Total Number of Blanks = 6			Concentration Range	NC	
Total Number above Detection Limit = 0			Maximum Detection Limit = 0.20		
Method: Aromatics by EPA 602					
Analyte: Toluene					
02-May-90	Ambient Conditions Blank	ND	0.2000	0.2000	ug/L
05-May-90	Equipment Blank	ND	0.2000	0.2000	ug/L
28-Apr-90	Trip Blank	ND	0.2000	0.2000	ug/L
01-May-90	Trip Blank	ND	0.2000	0.2000	ug/L
05-May-90	Trip Blank	<5X	0.4900	0.2000	ug/L
22-May-90	Trip Blank	ND	0.2000	0.2000	ug/L
Total Number of Blanks = 6			Concentration Range	0.490 - 0.49	
Total Number above Detection Limit = 1			Maximum Detection Limit = 0.20		
Method: Aromatics by EPA 602					
Analyte: Xylenes (total)					
02-May-90	Ambient Conditions Blank	ND	0.2000	0.2000	ug/L
05-May-90	Equipment Blank	ND	0.2000	0.2000	ug/L
28-Apr-90	Trip Blank	ND	0.2000	0.2000	ug/L

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TABLE 2. DETAILED LISTING OF BLANK RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Blank Results for Matrix = Water (Field/Trip QC)

Date	Type of Blank	Detection Flag	Result	Detection Limit	Units
Analysis for Aromatics by EPA 602					
Analyte: Xylenes (total) continued					
01-May-90	Trip Blank	<5X	0.6300	0.2000	ug/L
05-May-90	Trip Blank	ND	0.2000	0.2000	ug/L
22-May-90	Trip Blank	ND	0.2000	0.2000	ug/L

Total Number of Blanks = 6 — Concentration Range 0.630 - 0.63

Total Number above Detection Limit = 1 — Maximum Detection Limit = 0.20

Method: Arsenic by SW7060					
Analyte: Arsenic					
10-May-90	Equipment Blank	ND	0.0040	0.0040	mg/L
10-May-90	Equipment Blank	ND	0.0080	0.0080	mg/L
14-May-90	Equipment Blank	ND	0.0040	0.0040	mg/L
18-May-90	Equipment Blank	ND	0.0040	0.0040	mg/L
30-May-90	Equipment Blank	ND	0.0040	0.0040	mg/L
02-Jun-90	Equipment Blank	ND	0.0040	0.0040	mg/L

Total Number of Blanks = 6 — Concentration Range NC

Total Number above Detection Limit = 0 — Maximum Detection Limit = 0.0080

Method: Chloride, by titration					
Analyte: Chloride					
10-May-90	Equipment Blank	ND	1.0000	1.0000	mg/L
15-May-90	Equipment Blank	ND	1.0000	1.0000	mg/L
22-May-90	Equipment Blank	ND	1.0000	1.0000	mg/L
25-May-90	Equipment Blank	ND	1.0000	1.0000	mg/L

Total Number of Blanks = 4 — Concentration Range NC

Total Number above Detection Limit = 0 — Maximum Detection Limit = 1.0

TABLE 2. DETAILED LISTING OF BLANK RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Blank Results for Matrix = Water (Field/Trip QC)

Date	Type of Blank	Detection Flag	Result	Detection Limit	Units
Method: Fluoride by EPA 340.2					
Analyte: Fluoride					
03-May-90	Equipment Blank	ND	0.1000	0.1000	mg/L
09-May-90	Equipment Blank	ND	0.1000	0.1000	mg/L
15-May-90	Equipment Blank	ND	0.1000	0.1000	mg/L
16-May-90	Equipment Blank	ND	0.1000	0.1000	mg/L

Total Number of Blanks = 4 Concentration Range NC
Total Number above Detection Limit = 0 Maximum Detection Limit = 0.10

Method: Hydrocarbons, total E418.1					
Analyte: Hydrocarbons					
04-May-90	Equipment Blank	ND	0.3900	0.3900	mg/L
07-May-90	Equipment Blank	ND	0.3900	0.3900	mg/L
18-May-90	Equipment Blank	ND	0.4000	0.4000	mg/L
24-May-90	Equipment Blank	ND	0.4000	0.4000	mg/L

Total Number of Blanks = 4 Concentration Range NC
Total Number above Detection Limit = 0 Maximum Detection Limit = 0.40

Method: Mercury by cold vapor					
Analyte: Mercury					
08-May-90	Equipment Blank	ND	0.0002	0.0002	mg/L
09-May-90	Equipment Blank	ND	0.0002	0.0002	mg/L
12-May-90	Equipment Blank	ND	0.0002	0.0002	mg/L
14-May-90	Equipment Blank	ND	0.0002	0.0002	mg/L
16-May-90	Equipment Blank	ND	0.0002	0.0002	mg/L
24-May-90	Equipment Blank	ND	0.0002	0.0002	mg/L

Total Number of Blanks = 6 Concentration Range NC
Total Number above Detection Limit = 0 Maximum Detection Limit = 0.00020

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TABLE 2. DETAILED LISTING OF BLANK RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Blank Results for Matrix = Water (Field/Trip QC)

Date	Type of Blank	Detection Flag	Result	Detection Limit	Units
Method: ICP 25 element scan					
Analyte: Aluminum					
07-May-90	Equipment Blank	ND	0.2000	0.2000	mg/L
11-May-90	Equipment Blank	ND	0.2000	0.2000	mg/L
15-May-90	Equipment Blank	ND	0.2000	0.2000	mg/L
18-May-90	Equipment Blank	ND	0.2200	0.2200	mg/L
29-May-90	Equipment Blank	ND	0.2200	0.2200	mg/L
Total Number of Blanks = 5			Concentration Range NC		
Total Number above Detection Limit = 0			Maximum Detection Limit = 0.22		
Method: ICP 25 element scan					
Analyte: Antimony					
07-May-90	Equipment Blank	ND	0.1000	0.1000	mg/L
11-May-90	Equipment Blank	ND	0.1000	0.1000	mg/L
15-May-90	Equipment Blank	ND	0.1000	0.1000	mg/L
18-May-90	Equipment Blank	ND	0.1100	0.1100	mg/L
29-May-90	Equipment Blank	ND	0.1100	0.1100	mg/L
Total Number of Blanks = 5			Concentration Range NC		
Total Number above Detection Limit = 0			Maximum Detection Limit = 0.11		
Method: ICP 25 element scan					
Analyte: Arsenic					
07-May-90	Equipment Blank	ND	0.3000	0.3000	mg/L
11-May-90	Equipment Blank	ND	0.3000	0.3000	mg/L
15-May-90	Equipment Blank	ND	0.3000	0.3000	mg/L
18-May-90	Equipment Blank	ND	0.3300	0.3300	mg/L
29-May-90	Equipment Blank	ND	0.3300	0.3300	mg/L
Total Number of Blanks = 5			Concentration Range NC		
Total Number above Detection Limit = 0			Maximum Detection Limit = 0.33		

TABLE 2. DETAILED LISTING OF BLANK RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Blank Results for Matrix = Water (Field/Trip QC)

Date	Type of Blank	Detection Flag	Result	Detection Limit	Units
Method: ICP 25 element scan					
Analyte: Barium					
07-May-90	Equipment Blank		0.0800	0.0100	mg/L
07-May-90	Equipment Blank		0.1200	0.0100	mg/L
07-May-90	Equipment Blank	ND	0.0100	0.0100	mg/L
11-May-90	Equipment Blank		0.0820	0.0100	mg/L
11-May-90	Equipment Blank	ND	0.0100	0.0100	mg/L
15-May-90	Equipment Blank		0.0670	0.0100	mg/L
15-May-90	Equipment Blank	ND	0.0100	0.0100	mg/L
18-May-90	Equipment Blank		0.0930	0.0110	mg/L
18-May-90	Equipment Blank	ND	0.0110	0.0110	mg/L
29-May-90	Equipment Blank	<5X	0.0250	0.0110	mg/L
29-May-90	Equipment Blank	<5X	0.0280	0.0110	mg/L
29-May-90	Equipment Blank	ND	0.0110	0.0110	mg/L
Total Number of Blanks = 12			Concentration Range	0.025 - 0.12	
Total Number above Detection Limit = 7			Maximum Detection Limit = 0.011		
Method: ICP 25 element scan					
Analyte: Beryllium					
07-May-90	Equipment Blank	ND	0.0020	0.0020	mg/L
11-May-90	Equipment Blank	<5X	0.0030	0.0020	mg/L
11-May-90	Equipment Blank	ND	0.0020	0.0020	mg/L
15-May-90	Equipment Blank	ND	0.0020	0.0020	mg/L
18-May-90	Equipment Blank	ND	0.0022	0.0022	mg/L
29-May-90	Equipment Blank	ND	0.0022	0.0022	mg/L
Total Number of Blanks = 6			Concentration Range	0.0030 - 0.0030	
Total Number above Detection Limit = 1			Maximum Detection Limit = 0.0022		
Method: ICP 25 element scan					
Analyte: Boron					
07-May-90	Equipment Blank	ND	0.6000	0.6000	mg/L
11-May-90	Equipment Blank	ND	0.6000	0.6000	mg/L
15-May-90	Equipment Blank	NO	0.6000	0.6000	mg/L
18-May-90	Equipment Blank	ND	0.6600	0.6600	mg/L
29-May-90	Equipment Blank	ND	0.6600	0.6600	mg/L

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TABLE 2. DETAILED LISTING OF BLANK RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Blank Results for Matrix = Water (Field/Trip QC)

Date	Type of Blank	Detection Flag	Result	Detection Limit	Units
Analysis for ICP 25 element scan					
Analyte: Boron continued					
Total Number of Blanks = 5			Concentration Range NC		
Total Number above Detection Limit = 0			Maximum Detection Limit = 0.66		
Method: ICP 25 element scan					
Analyte: Cadmium					
07-May-90	Equipment Blank	ND	0.0050	0.0050	mg/L
11-May-90	Equipment Blank	ND	0.0050	0.0050	mg/L
15-May-90	Equipment Blank	ND	0.0050	0.0050	mg/L
18-May-90	Equipment Blank	ND	0.0055	0.0055	mg/L
29-May-90	Equipment Blank	ND	0.0055	0.0055	mg/L
Total Number of Blanks = 5			Concentration Range NC		
Total Number above Detection Limit = 0			Maximum Detection Limit = 0.0055		
Method: ICP 25 element scan					
Analyte: Calcium					
07-May-90	Equipment Blank	ND	1.0000	1.0000	mg/L
11-May-90	Equipment Blank	ND	1.0000	1.0000	mg/L
15-May-90	Equipment Blank	ND	1.0000	1.0000	mg/L
18-May-90	Equipment Blank	ND	1.1000	1.1000	mg/L
29-May-90	Equipment Blank	<5X	1.0000	1.1000	mg/L
29-May-90	Equipment Blank	ND	1.1000	1.1000	mg/L
Total Number of Blanks = 6			Concentration Range 1.000 - 1.0		
Total Number above Detection Limit = 1			Maximum Detection Limit = 1.1		
Method: ICP 25 element scan					
Analyte: Chromium					
07-May-90	Equipment Blank	ND	0.0100	0.0100	mg/L
11-May-90	Equipment Blank	ND	0.0100	0.0100	mg/L
15-May-90	Equipment Blank	ND	0.0100	0.0100	mg/L
18-May-90	Equipment Blank	ND	0.0110	0.0110	mg/L

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TABLE 2. DETAILED LISTING OF BLANK RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Blank Results for Matrix = Water (Field/Trip QC)

Date	Type of Blank	Detection Flag	Result	Detection Limit	Units
Analysis for ICP 25 element scan					
Analyte: Chromium continued					
29-May-90	Equipment Blank	ND	0.0110	0.0110	mg/L
Total Number of Blanks = 5			Concentration Range NC		
Total Number above Detection Limit = 0			Maximum Detection Limit = 0.011		
Method: ICP 25 element scan					
Analyte: Cobalt					
07-May-90	Equipment Blank	ND	0.0100	0.0100	mg/L
11-May-90	Equipment Blank	ND	0.0100	0.0100	mg/L
15-May-90	Equipment Blank	ND	0.0100	0.0100	mg/L
18-May-90	Equipment Blank	ND	0.0110	0.0110	mg/L
29-May-90	Equipment Blank	ND	0.0110	0.0110	mg/L
Total Number of Blanks = 5			Concentration Range NC		
Total Number above Detection Limit = 0			Maximum Detection Limit = 0.011		
Method: ICP 25 element scan					
Analyte: Copper					
07-May-90	Equipment Blank	ND	0.0200	0.0200	mg/L
11-May-90	Equipment Blank	ND	0.0200	0.0200	mg/L
15-May-90	Equipment Blank	ND	0.0200	0.0200	mg/L
18-May-90	Equipment Blank	ND	0.0220	0.0220	mg/L
29-May-90	Equipment Blank	ND	0.0220	0.0220	mg/L
Total Number of Blanks = 5			Concentration Range NC		
Total Number above Detection Limit = 0			Maximum Detection Limit = 0.022		
Method: ICP 25 element scan					
Analyte: Iron					
07-May-90	Equipment Blank	<5X	0.0460	0.0400	mg/L
07-May-90	Equipment Blank	ND	0.0400	0.0400	mg/L
11-May-90	Equipment Blank	ND	0.0400	0.0400	mg/L
15-May-90	Equipment Blank	<5X	0.0470	0.0400	mg/L

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TABLE 2. DETAILED LISTING OF BLANK RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Blank Results for Matrix = Water (Field/Trip QC)

Date	Type of Blank	Detection Flag	Result	Detection Limit	Units
Analysis for ICP 25 element scan					
Analyte: Iron continued					
15-May-90	Equipment Blank	ND	0.0400	0.0400	mg/L
18-May-90	Equipment Blank	ND	0.0440	0.0440	mg/L
29-May-90	Equipment Blank	ND	0.0440	0.0440	mg/L
Total Number of Blanks = 7			Concentration Range	0.046 - 0.047	
Total Number above Detection Limit = 2			Maximum Detection Limit = 0.044		
Method: ICP 25 element scan					
Analyte: Lead					
07-May-90	Equipment Blank	ND	0.0500	0.0500	mg/L
11-May-90	Equipment Blank	<5X	0.0550	0.0500	mg/L
11-May-90	Equipment Blank	<5X	0.0570	0.0500	mg/L
15-May-90	Equipment Blank	ND	0.0500	0.0500	mg/L
18-May-90	Equipment Blank	ND	0.0550	0.0550	mg/L
29-May-90	Equipment Blank	ND	0.0550	0.0550	mg/L
Total Number of Blanks = 6			Concentration Range	0.055 - 0.057	
Total Number above Detection Limit = 2			Maximum Detection Limit = 0.055		
Method: ICP 25 element scan					
Analyte: Magnesium					
07-May-90	Equipment Blank	ND	1.0000	1.0000	mg/L
11-May-90	Equipment Blank	ND	1.0000	1.0000	mg/L
15-May-90	Equipment Blank	ND	1.0000	1.0000	mg/L
18-May-90	Equipment Blank	ND	1.1000	1.1000	mg/L
29-May-90	Equipment Blank	ND	1.1000	1.1000	mg/L
Total Number of Blanks = 5			Concentration Range	NC	
Total Number above Detection Limit = 0			Maximum Detection Limit = 1.1		
Method: ICP 25 element scan					
Analyte: Manganese					
07-May-90	Equipment Blank	ND	0.0100	0.0100	mg/L

Compiled: 9 April 1991

TABLE 2. DETAILED LISTING OF BLANK RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Blank Results for Matrix = Water (Field/Trip QC)

Date	Type of Blank	Detection Flag	Result	Detection Limit	Units
Analysis for ICP 25 element scan					
Analyte: Manganese continued					
11-May-90	Equipment Blank	ND	0.0100	0.0100	mg/L
15-May-90	Equipment Blank	ND	0.0100	0.0100	mg/L
18-May-90	Equipment Blank	ND	0.0110	0.0110	mg/L
29-May-90	Equipment Blank	ND	0.0110	0.0110	mg/L
Total Number of Blanks = 5			Concentration Range NC		
Total Number above Detection Limit = 0			Maximum Detection Limit = 0.011		
Method: ICP 25 element scan					
Analyte: Molybdenum					
07-May-90	Equipment Blank	ND	0.0500	0.0500	mg/L
11-May-90	Equipment Blank	ND	0.0500	0.0500	mg/L
15-May-90	Equipment Blank	ND	0.0500	0.0500	mg/L
18-May-90	Equipment Blank	ND	0.0550	0.0550	mg/L
29-May-90	Equipment Blank	ND	0.0550	0.0550	mg/L
Total Number of Blanks = 5			Concentration Range NC		
Total Number above Detection Limit = 0			Maximum Detection Limit = 0.055		
Method: ICP 25 element scan					
Analyte: Nickel					
07-May-90	Equipment Blank	ND	0.0200	0.0200	mg/L
11-May-90	Equipment Blank	ND	0.0200	0.0200	mg/L
15-May-90	Equipment Blank	ND	0.0200	0.0200	mg/L
18-May-90	Equipment Blank	ND	0.0220	0.0220	mg/L
29-May-90	Equipment Blank	ND	0.0220	0.0220	mg/L
Total Number of Blanks = 5			Concentration Range NC		
Total Number above Detection Limit = 0			Maximum Detection Limit = 0.022		
Method: ICP 25 element scan					
Analyte: Potassium					
07-May-90	Equipment Blank	ND	3.0000	3.0000	mg/L

Compiled: 9 April 1991

TABLE 2. DETAILED LISTING OF BLANK RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Blank Results for Matrix = Water (Field/Trip QC)

Date	Type of Blank	Detection Flag	Result	Detection Limit	Units
Analysis for ICP 25 element scan					
Analyte: Potassium continued					
11-May-90	Equipment Blank	ND	3.0000	3.0000	mg/L
15-May-90	Equipment Blank	ND	3.0000	3.0000	mg/L
18-May-90	Equipment Blank	ND	3.3000	3.3000	mg/L
29-May-90	Equipment Blank	ND	3.3000	3.3000	mg/L

Total Number of Blanks = 5 — Concentration Range NC

Total Number above Detection Limit = 0 — Maximum Detection Limit = 3.3

Method: ICP 25 element scan

Analyte: Selenium

07-May-90	Equipment Blank	ND	0.3000	0.3000	mg/L
11-May-90	Equipment Blank	ND	0.3000	0.3000	mg/L
15-May-90	Equipment Blank	ND	0.3000	0.3000	mg/L
18-May-90	Equipment Blank	ND	0.3300	0.3300	mg/L
29-May-90	Equipment Blank	ND	0.3300	0.3300	mg/L

Total Number of Blanks = 5 — Concentration Range NC

Total Number above Detection Limit = 0 — Maximum Detection Limit = 0.33

Method: ICP 25 element scan

Analyte: Silicon

07-May-90	Equipment Blank	<5X	1.2000	1.0000	mg/L
07-May-90	Equipment Blank	ND	1.0000	1.0000	mg/L
11-May-90	Equipment Blank	ND	1.0000	1.0000	mg/L
15-May-90	Equipment Blank	ND	1.0000	1.0000	mg/L
18-May-90	Equipment Blank	ND	1.1000	1.1000	mg/L
29-May-90	Equipment Blank	ND	1.1000	1.1000	mg/L

Total Number of Blanks = 6 — Concentration Range 1.200 - 1.2

Total Number above Detection Limit = 1 — Maximum Detection Limit = 1.1

TABLE 2. DETAILED LISTING OF BLANK RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Blank Results for Matrix = Water (Field/Trip QC)

Date	Type of Blank	Detection Flag	Result	Detection Limit	Units
Method: ICP 25 element scan					
Analyte: Silver					
07-May-90	Equipment Blank	ND	0.0100	0.0100	mg/L
11-May-90	Equipment Blank	<5X	0.0100	0.0100	mg/L
11-May-90	Equipment Blank	ND	0.0100	0.0100	mg/L
15-May-90	Equipment Blank	ND	0.0100	0.0100	mg/L
18-May-90	Equipment Blank	ND	0.0110	0.0110	mg/L
29-May-90	Equipment Blank	ND	0.0110	0.0110	mg/L
Total Number of Blanks = 6			Concentration Range	0.010 - 0.010	
Total Number above Detection Limit = 1			Maximum Detection Limit = 0.011		
Method: ICP 25 element scan					
Analyte: Sodium					
07-May-90	Equipment Blank	<5X	1.8000	1.0000	mg/L
07-May-90	Equipment Blank	ND	1.0000	1.0000	mg/L
11-May-90	Equipment Blank	<5X	1.2000	1.0000	mg/L
11-May-90	Equipment Blank	ND	1.0000	1.0000	mg/L
15-May-90	Equipment Blank	<5X	1.1000	1.0000	mg/L
15-May-90	Equipment Blank	ND	1.0000	1.0000	mg/L
18-May-90	Equipment Blank	ND	1.1000	1.1000	mg/L
29-May-90	Equipment Blank	ND	1.1000	1.1000	mg/L
Total Number of Blanks = 8			Concentration Range	1.100 - 1.8	
Total Number above Detection Limit = 3			Maximum Detection Limit = 1.1		
Method: ICP 25 element scan					
Analyte: Strontium					
07-May-90	Equipment Blank	<5X	0.0045	0.0030	mg/L
07-May-90	Equipment Blank	<5X	0.0068	0.0030	mg/L
07-May-90	Equipment Blank	ND	0.0030	0.0030	mg/L
11-May-90	Equipment Blank	<5X	0.0046	0.0030	mg/L
11-May-90	Equipment Blank	<5X	0.0066	0.0030	mg/L
15-May-90	Equipment Blank	<5X	0.0052	0.0030	mg/L
15-May-90	Equipment Blank	ND	0.0030	0.0030	mg/L
18-May-90	Equipment Blank	<5X	0.0039	0.0033	mg/L
18-May-90	Equipment Blank	ND	0.0033	0.0033	mg/L

Compiled: 9 April 1991

TABLE 2. DETAILED LISTING OF BLANK RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Blank Results for Matrix = Water (Field/Trip QC)

Date	Type of Blank	Detection Flag	Result	Detection Limit	Units
Analysis for ICP 25 element scan					
Analyte: Strontium continued					
29-May-90	Equipment Blank	<5X	0.0053	0.0033	mg/L
29-May-90	Equipment Blank	ND	0.0033	0.0033	mg/L
Total Number of Blanks = 11			Concentration Range	0.0039 - 0.0068	
Total Number above Detection Limit = 7			Maximum Detection Limit = 0.0033		
Method: ICP 25 element scan					
Analyte: Thallium					
07-May-90	Equipment Blank	ND	0.1000	0.1000	mg/L
11-May-90	Equipment Blank	ND	0.1000	0.1000	mg/L
15-May-90	Equipment Blank	ND	0.1000	0.1000	mg/L
18-May-90	Equipment Blank	ND	0.1100	0.1100	mg/L
29-May-90	Equipment Blank	ND	0.1100	0.1100	mg/L
Total Number of Blanks = 5			Concentration Range	NC	
Total Number above Detection Limit = 0			Maximum Detection Limit = 0.11		
Method: ICP 25 element scan					
Analyte: Vanadium					
07-May-90	Equipment Blank	ND	0.0200	0.0200	mg/L
11-May-90	Equipment Blank	ND	0.0200	0.0200	mg/L
15-May-90	Equipment Blank	ND	0.0200	0.0200	mg/L
18-May-90	Equipment Blank	ND	0.0220	0.0220	mg/L
29-May-90	Equipment Blank	ND	0.0220	0.0220	mg/L
Total Number of Blanks = 5			Concentration Range	NC	
Total Number above Detection Limit = 0			Maximum Detection Limit = 0.022		
Method: ICP 25 element scan					
Analyte: Zinc					
07-May-90	Equipment Blank	<5X	0.0270	0.0200	mg/L
07-May-90	Equipment Blank	<5X	0.0650	0.0200	mg/L
07-May-90	Equipment Blank	ND	0.0200	0.0200	mg/L

Compiled: 9 April 1991

TABLE 2. DETAILED LISTING OF BLANK RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Blank Results for Matrix = Water (Field/Trip QC)

Date	Type of Blank	Detection Flag	Result	Detection Limit	Units
Analysis for ICP 25 element scan					
Analyte: Zinc continued					
11-May-90	Equipment Blank	<5X	0.0350	0.0200	mg/L
11-May-90	Equipment Blank	ND	0.0200	0.0200	mg/L
15-May-90	Equipment Blank	<5X	0.0220	0.0200	mg/L
15-May-90	Equipment Blank	<5X	0.0360	0.0200	mg/L
18-May-90	Equipment Blank	ND	0.0220	0.0220	mg/L
29-May-90	Equipment Blank	<5X	0.0240	0.0220	mg/L
29-May-90	Equipment Blank	ND	0.0220	0.0220	mg/L

Total Number of Blanks = 10 — Concentration Range 0.022 - 0.065

Total Number above Detection Limit = 6 — Maximum Detection Limit = 0.022

Method: Nitrate by E353.2					
Analyte: Nitrate					
24-Apr-90	Equipment Blank	ND	0.0200	0.0200	mg/L
25-Apr-90	Equipment Blank	ND	0.0200	0.0200	mg/L
27-Apr-90	Equipment Blank	<5X	0.0200	0.0200	mg/L
01-May-90	Equipment Blank		0.5000	0.0200	mg/L
08-May-90	Equipment Blank	ND	0.0200	0.0200	mg/L
11-May-90	Equipment Blank		0.2000	0.0200	mg/L
11-May-90	Equipment Blank	ND	0.0200	0.0200	mg/L

Total Number of Blanks = 7 — Concentration Range 0.020 - 0.50

Total Number above Detection Limit = 3 — Maximum Detection Limit = 0.020

Method: Orthophosphate					
Analyte: Orthophosphate					
24-Apr-90	Equipment Blank	ND	0.0100	0.0100	mg/L
25-Apr-90	Equipment Blank	ND	0.0100	0.0100	mg/L
27-Apr-90	Equipment Blank	ND	0.0100	0.0100	mg/L
01-May-90	Equipment Blank	ND	0.0100	0.0100	mg/L
08-May-90	Equipment Blank	ND	0.0100	0.0100	mg/L
11-May-90	Equipment Blank	ND	0.0100	0.0100	mg/L

Compiled: 9 April 1991

TABLE 2. DETAILED LISTING OF BLANK RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Blank Results for Matrix = Water (Field/Trip QC)

Date	Type of Blank	Detection Flag	Result	Detection Limit	Units

Analysis for Orthophosphate
Analyte: Orthophosphate continued

Total Number of Blanks = 6 — Concentration Range NC
Total Number above Detection Limit = 0 — Maximum Detection Limit = 0.010

Method: Lead by SW7421
Analyte: Lead

10-May-90	Equipment Blank	<5X	0.0034	0.0030	mg/L
10-May-90	Equipment Blank	<5X	0.0059	0.0030	mg/L
11-May-90	Equipment Blank	<5X	0.0130	0.0030	mg/L
11-May-90	Equipment Blank	ND	0.0030	0.0030	mg/L
14-May-90	Equipment Blank	<5X	0.0042	0.0030	mg/L
14-May-90	Equipment Blank	ND	0.0060	0.0060	mg/L
17-May-90	Equipment Blank	ND	0.0030	0.0030	mg/L
17-May-90	Equipment Blank	ND	0.0060	0.0060	mg/L
31-May-90	Equipment Blank	<5X	0.0096	0.0030	mg/L
31-May-90	Equipment Blank	ND	0.0030	0.0030	mg/L
02-Jun-90	Equipment Blank	<5X	0.0042	0.0030	mg/L
02-Jun-90	Equipment Blank	<5X	0.0061	0.0030	mg/L
02-Jun-90	Equipment Blank	<5X	0.0072	0.0030	mg/L
02-Jun-90	Equipment Blank	ND	0.0030	0.0030	mg/L

Total Number of Blanks = 14 — Concentration Range 0.0034 - 0.013
Total Number above Detection Limit = 8 — Maximum Detection Limit = 0.0060

Method: Selenium by SW7740
Analyte: Selenium

09-May-90	Equipment Blank	ND	0.0050	0.0050	mg/L
11-May-90	Equipment Blank	ND	0.0050	0.0050	mg/L
17-May-90	Equipment Blank	ND	0.0050	0.0050	mg/L
22-May-90	Equipment Blank	ND	0.0050	0.0050	mg/L
22-May-90	Equipment Blank	ND	0.0250	0.0250	mg/L
31-May-90	Equipment Blank	ND	0.0050	0.0050	mg/L
06-Jun-90	Equipment Blank	ND	0.0050	0.0050	mg/L

TABLE 2. DETAILED LISTING OF BLANK RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Blank Results for Matrix = Water (Field/Trip QC)

Date	Type of Blank	Detection Flag	Result	Detection Limit	Units
Analysis for Selenium by SW7740					
Analyte: Selenium continued					
Total Number of Blanks = 7			Concentration Range	NC	
Total Number above Detection Limit = 0			Maximum Detection Limit = 0.025		
Method: Sulfate					
Analyte: Sulfate					
27-Apr-90	Equipment Blank	ND	1.0000	1.0000	mg/L
02-May-90	Equipment Blank	<5X	1.4000	1.0000	mg/L
09-May-90	Equipment Blank	ND	1.0000	1.0000	mg/L
21-May-90	Equipment Blank	ND	1.0000	1.0000	mg/L
25-May-90	Equipment Blank	ND	1.0000	1.0000	mg/L
Total Number of Blanks = 5			Concentration Range	1.400 - 1.4	
Total Number above Detection Limit = 1			Maximum Detection Limit = 1.0		
Method: Total dissolved solids					
Analyte: Total dissolved solids					
26-Apr-90	Equipment Blank	ND	9.0000	9.0000	mg/L
30-Apr-90	Equipment Blank	ND	9.0000	9.0000	mg/L
02-May-90	Equipment Blank		2600.0000	9.0000	mg/L
07-May-90	Equipment Blank	ND	9.0000	9.0000	mg/L
11-May-90	Equipment Blank	ND	9.0000	9.0000	mg/L
17-May-90	Equipment Blank	ND	9.0000	9.0000	mg/L
Total Number of Blanks = 6			Concentration Range	2600.0 - 2600.0	
Total Number above Detection Limit = 1			Maximum Detection Limit = 9.0		
Method: Halocarbons by EPA 601					
Analyte: 1,1,1-Trichloroethane					
23-Apr-90	Reagent Blank	ND	0.2000	0.2000	ug/L
24-Apr-90	Reagent Blank	ND	0.2000	0.2000	ug/L

Compiled: 9 April 1991

TABLE 2. DETAILED LISTING OF BLANK RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Blank Results for Matrix = Laboratory Water

Date	Type of Blank	Detection Flag	Result	Detection Limit	Units
Analysis for Halocarbons by EPA 601					
Analyte: 1,1,1-Trichloroethane continued					
28-Apr-90	Reagent Blank	ND	0.2000	0.2000	ug/L
29-Apr-90	Reagent Blank	ND	0.2000	0.2000	ug/L
30-Apr-90	Reagent Blank	ND	0.2000	0.2000	ug/L
01-May-90	Reagent Blank	ND	0.2000	0.2000	ug/L
02-May-90	Reagent Blank	ND	0.2000	0.2000	ug/L
04-May-90	Reagent Blank	ND	0.2000	0.2000	ug/L
05-May-90	Reagent Blank	ND	0.2000	0.2000	ug/L
06-May-90	Reagent Blank	ND	0.2000	0.2000	ug/L
07-May-90	Reagent Blank	ND	0.2000	0.2000	ug/L
08-May-90	Reagent Blank	ND	0.2000	0.2000	ug/L
09-May-90	Reagent Blank	ND	0.2000	0.2000	ug/L
10-May-90	Reagent Blank	ND	0.2000	0.2000	ug/L
11-May-90	Reagent Blank	ND	0.2000	0.2000	ug/L
12-May-90	Reagent Blank	ND	0.2000	0.2000	ug/L
13-May-90	Reagent Blank	ND	0.2000	0.2000	ug/L
14-May-90	Reagent Blank	ND	0.2000	0.2000	ug/L
19-May-90	Reagent Blank	ND	0.2000	0.2000	ug/L
20-May-90	Reagent Blank	ND	0.2000	0.2000	ug/L
21-May-90	Reagent Blank	ND	0.2000	0.2000	ug/L
22-May-90	Reagent Blank	ND	0.2000	0.2000	ug/L
24-May-90	Reagent Blank	ND	0.2000	0.2000	ug/L
25-May-90	Reagent Blank	ND	0.2000	0.2000	ug/L

Total Number of Blanks = 24 Concentration Range NC

Total Number above Detection Limit = 0 Maximum Detection Limit = 0.20

Method: Halocarbons by EPA 601

Analyte: 1,1,2,2-Tetrachloroethane

23-Apr-90	Reagent Blank	ND	0.1500	0.1500	ug/L
24-Apr-90	Reagent Blank	ND	0.1500	0.1500	ug/L
28-Apr-90	Reagent Blank	ND	0.1500	0.1500	ug/L
29-Apr-90	Reagent Blank	ND	0.1500	0.1500	ug/L
30-Apr-90	Reagent Blank	ND	0.1500	0.1500	ug/L
01-May-90	Reagent Blank	ND	0.1500	0.1500	ug/L
02-May-90	Reagent Blank	ND	0.1500	0.1500	ug/L
04-May-90	Reagent Blank	ND	0.1500	0.1500	ug/L
05-May-90	Reagent Blank	ND	0.1500	0.1500	ug/L

TABLE 2. DETAILED LISTING OF BLANK RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Blank Results for Matrix = Laboratory Water

Date	Type of Blank	Detection Flag	Result	Detection Limit	Units
Analysis for Halocarbons by EPA 601					
Analyte: 1,1,2,2-Tetrachloroethane continued					
06-May-90	Reagent Blank	ND	0.1500	0.1500	ug/L
07-May-90	Reagent Blank	ND	0.1500	0.1500	ug/L
08-May-90	Reagent Blank	ND	0.1500	0.1500	ug/L
09-May-90	Reagent Blank	ND	0.1500	0.1500	ug/L
10-May-90	Reagent Blank	ND	0.1500	0.1500	ug/L
11-May-90	Reagent Blank	ND	0.1500	0.1500	ug/L
12-May-90	Reagent Blank	ND	0.1500	0.1500	ug/L
13-May-90	Reagent Blank	ND	0.1500	0.1500	ug/L
14-May-90	Reagent Blank	ND	0.1500	0.1500	ug/L
19-May-90	Reagent Blank	ND	0.1500	0.1500	ug/L
20-May-90	Reagent Blank	ND	0.1500	0.1500	ug/L
21-May-90	Reagent Blank	ND	0.1500	0.1500	ug/L
22-May-90	Reagent Blank	ND	0.1500	0.1500	ug/L
24-May-90	Reagent Blank	ND	0.1500	0.1500	ug/L
25-May-90	Reagent Blank	ND	0.1500	0.1500	ug/L

Total Number of Blanks = 24 Concentration Range NC

Total Number above Detection Limit = 0 Maximum Detection Limit = 0.15

Method: Halocarbons by EPA 601

Analyte: 1,1,2-Trichloroethane

23-Apr-90	Reagent Blank	ND	0.2000	0.2000	ug/L
24-Apr-90	Reagent Blank	ND	0.2000	0.2000	ug/L
28-Apr-90	Reagent Blank	ND	0.2000	0.2000	ug/L
29-Apr-90	Reagent Blank	ND	0.2000	0.2000	ug/L
30-Apr-90	Reagent Blank	ND	0.2000	0.2000	ug/L
01-May-90	Reagent Blank	ND	0.2000	0.2000	ug/L
02-May-90	Reagent Blank	ND	0.2000	0.2000	ug/L
04-May-90	Reagent Blank	ND	0.2000	0.2000	ug/L
05-May-90	Reagent Blank	ND	0.2000	0.2000	ug/L
06-May-90	Reagent Blank	ND	0.2000	0.2000	ug/L
07-May-90	Reagent Blank	ND	0.2000	0.2000	ug/L
08-May-90	Reagent Blank	ND	0.2000	0.2000	ug/L
09-May-90	Reagent Blank	ND	0.2000	0.2000	ug/L
10-May-90	Reagent Blank	ND	0.2000	0.2000	ug/L
11-May-90	Reagent Blank	ND	0.2000	0.2000	ug/L
12-May-90	Reagent Blank	ND	0.2000	0.2000	ug/L

Compiled: 9 April 1991

TABLE 2. DETAILED LISTING OF BLANK RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Blank Results for Matrix = Laboratory Water

Date	Type of Blank	Detection Flag	Result	Detection Limit	Units
Analysis for Halocarbons by EPA 601					
Analyte: 1,1,2-Trichloroethane continued					
13-May-90	Reagent Blank	ND	0.2000	0.2000	ug/L
14-May-90	Reagent Blank	ND	0.2000	0.2000	ug/L
19-May-90	Reagent Blank	ND	0.2000	0.2000	ug/L
20-May-90	Reagent Blank	ND	0.2000	0.2000	ug/L
21-May-90	Reagent Blank	ND	0.2000	0.2000	ug/L
22-May-90	Reagent Blank	ND	0.2000	0.2000	ug/L
24-May-90	Reagent Blank	ND	0.2000	0.2000	ug/L
25-May-90	Reagent Blank	ND	0.2000	0.2000	ug/L

Total Number of Blanks = 24 Concentration Range NC

Total Number above Detection Limit = 0 Maximum Detection Limit = 0.20

Method: Halocarbons by EPA 601

Analyte: 1,1-Dichloroethane

23-Apr-90	Reagent Blank	ND	0.5000	0.5000	ug/L
24-Apr-90	Reagent Blank	ND	0.5000	0.5000	ug/L
28-Apr-90	Reagent Blank	ND	0.5000	0.5000	ug/L
29-Apr-90	Reagent Blank	ND	0.5000	0.5000	ug/L
30-Apr-90	Reagent Blank	ND	0.5000	0.5000	ug/L
01-May-90	Reagent Blank	ND	0.5000	0.5000	ug/L
02-May-90	Reagent Blank	ND	0.5000	0.5000	ug/L
04-May-90	Reagent Blank	ND	0.5000	0.5000	ug/L
05-May-90	Reagent Blank	ND	0.5000	0.5000	ug/L
06-May-90	Reagent Blank	ND	0.5000	0.5000	ug/L
07-May-90	Reagent Blank	ND	0.5000	0.5000	ug/L
08-May-90	Reagent Blank	ND	0.5000	0.5000	ug/L
09-May-90	Reagent Blank	ND	0.5000	0.5000	ug/L
10-May-90	Reagent Blank	ND	0.5000	0.5000	ug/L
11-May-90	Reagent Blank	ND	0.5000	0.5000	ug/L
12-May-90	Reagent Blank	ND	0.5000	0.5000	ug/L
13-May-90	Reagent Blank	ND	0.5000	0.5000	ug/L
14-May-90	Reagent Blank	ND	0.5000	0.5000	ug/L
19-May-90	Reagent Blank	ND	0.5000	0.5000	ug/L
20-May-90	Reagent Blank	ND	0.5000	0.5000	ug/L
21-May-90	Reagent Blank	ND	0.5000	0.5000	ug/L
22-May-90	Reagent Blank	ND	0.5000	0.5000	ug/L
24-May-90	Reagent Blank	ND	0.5000	0.5000	ug/L

Compiled: 9 April 1991

TABLE 2. DETAILED LISTING OF BLANK RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Blank Results for Matrix = Laboratory Water

Date	Type of Blank	Detection Flag	Result	Detection Limit	Units
Analysis for Halocarbons by EPA 601					
Analyte: 1,1-Dichloroethane continued					
25-May-90	Reagent Blank	ND	0.5000	0.5000	ug/L

Total Number of Blanks = 24 Concentration Range NC
Total Number above Detection Limit = 0 Maximum Detection Limit = 0.50

Method: Halocarbons by EPA 601
Analyte: 1,1-Dichloroethene

23-Apr-90	Reagent Blank	ND	0.2000	0.2000	ug/L
24-Apr-90	Reagent Blank	ND	0.2000	0.2000	ug/L
28-Apr-90	Reagent Blank	ND	0.2000	0.2000	ug/L
29-Apr-90	Reagent Blank	ND	0.2000	0.2000	ug/L
30-Apr-90	Reagent Blank	ND	0.2000	0.2000	ug/L
01-May-90	Reagent Blank	ND	0.2000	0.2000	ug/L
02-May-90	Reagent Blank	ND	0.2000	0.2000	ug/L
04-May-90	Reagent Blank	ND	0.2000	0.2000	ug/L
05-May-90	Reagent Blank	ND	0.2000	0.2000	ug/L
06-May-90	Reagent Blank	ND	0.2000	0.2000	ug/L
07-May-90	Reagent Blank	ND	0.2000	0.2000	ug/L
08-May-90	Reagent Blank	ND	0.2000	0.2000	ug/L
09-May-90	Reagent Blank	ND	0.2000	0.2000	ug/L
10-May-90	Reagent Blank	ND	0.2000	0.2000	ug/L
11-May-90	Reagent Blank	ND	0.2000	0.2000	ug/L
12-May-90	Reagent Blank	ND	0.2000	0.2000	ug/L
13-May-90	Reagent Blank	ND	0.2000	0.2000	ug/L
14-May-90	Reagent Blank	ND	0.2000	0.2000	ug/L
19-May-90	Reagent Blank	ND	0.2000	0.2000	ug/L
20-May-90	Reagent Blank	ND	0.2000	0.2000	ug/L
21-May-90	Reagent Blank	ND	0.2000	0.2000	ug/L
22-May-90	Reagent Blank	ND	0.2000	0.2000	ug/L
24-May-90	Reagent Blank	ND	0.2000	0.2000	ug/L
25-May-90	Reagent Blank	ND	0.2000	0.2000	ug/L

Total Number of Blanks = 24 Concentration Range NC
Total Number above Detection Limit = 0 Maximum Detection Limit = 0.20

TABLE 2. DETAILED LISTING OF BLANK RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Blank Results for Matrix = Laboratory Water

Date	Type of Blank	Detection Flag	Result	Detection Limit	Units
Method: Halocarbons by EPA 601					
Analyte: 1,2-Dichlorobenzene					
23-Apr-90	Reagent Blank	ND	0.5000	0.5000	ug/L
24-Apr-90	Reagent Blank	ND	0.5000	0.5000	ug/L
28-Apr-90	Reagent Blank	ND	0.5000	0.5000	ug/L
29-Apr-90	Reagent Blank	ND	0.5000	0.5000	ug/L
30-Apr-90	Reagent Blank	ND	0.5000	0.5000	ug/L
01-May-90	Reagent Blank	ND	0.5000	0.5000	ug/L
02-May-90	Reagent Blank	ND	0.5000	0.5000	ug/L
04-May-90	Reagent Blank	ND	0.5000	0.5000	ug/L
05-May-90	Reagent Blank	ND	0.5000	0.5000	ug/L
06-May-90	Reagent Blank	ND	0.5000	0.5000	ug/L
07-May-90	Reagent Blank	ND	0.5000	0.5000	ug/L
08-May-90	Reagent Blank	ND	0.5000	0.5000	ug/L
09-May-90	Reagent Blank	ND	0.5000	0.5000	ug/L
10-May-90	Reagent Blank	ND	0.5000	0.5000	ug/L
11-May-90	Reagent Blank	ND	0.5000	0.5000	ug/L
12-May-90	Reagent Blank	ND	0.5000	0.5000	ug/L
13-May-90	Reagent Blank	ND	0.5000	0.5000	ug/L
14-May-90	Reagent Blank	ND	0.5000	0.5000	ug/L
19-May-90	Reagent Blank	ND	0.5000	0.5000	ug/L
20-May-90	Reagent Blank	ND	0.5000	0.5000	ug/L
21-May-90	Reagent Blank	ND	0.5000	0.5000	ug/L
22-May-90	Reagent Blank	ND	0.5000	0.5000	ug/L
24-May-90	Reagent Blank	ND	0.5000	0.5000	ug/L
25-May-90	Reagent Blank	ND	0.5000	0.5000	ug/L

Total Number of Blanks = 24 Concentration Range NC

Total Number above Detection Limit = 0 Maximum Detection Limit = 0.50

Method: Halocarbons by EPA 601					
Analyte: 1,2-Dichloroethane					
23-Apr-90	Reagent Blank	ND	0.1000	0.1000	ug/L
24-Apr-90	Reagent Blank	ND	0.1000	0.1000	ug/L
28-Apr-90	Reagent Blank	ND	0.1000	0.1000	ug/L
29-Apr-90	Reagent Blank	ND	0.1000	0.1000	ug/L
30-Apr-90	Reagent Blank	ND	0.1000	0.1000	ug/L
01-May-90	Reagent Blank	ND	0.1000	0.1000	ug/L
02-May-90	Reagent Blank	ND	0.1000	0.1000	ug/L

Compiled: 9 April 1991

TABLE 2. DETAILED LISTING OF BLANK RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Blank Results for Matrix = Laboratory Water

Date	Type of Blank	Detection Flag	Result	Detection Limit	Units
Analysis for Halocarbons by EPA 601					
Analyte: 1,2-Dichloroethane continued					
04-May-90	Reagent Blank	ND	0.1000	0.1000	ug/L
05-May-90	Reagent Blank	ND	0.1000	0.1000	ug/L
06-May-90	Reagent Blank	ND	0.1000	0.1000	ug/L
07-May-90	Reagent Blank	ND	0.1000	0.1000	ug/L
08-May-90	Reagent Blank	ND	0.1000	0.1000	ug/L
09-May-90	Reagent Blank	ND	0.1000	0.1000	ug/L
10-May-90	Reagent Blank	ND	0.1000	0.1000	ug/L
11-May-90	Reagent Blank	ND	0.1000	0.1000	ug/L
12-May-90	Reagent Blank	ND	0.1000	0.1000	ug/L
13-May-90	Reagent Blank	ND	0.1000	0.1000	ug/L
14-May-90	Reagent Blank	ND	0.1000	0.1000	ug/L
19-May-90	Reagent Blank	ND	0.1000	0.1000	ug/L
20-May-90	Reagent Blank	ND	0.1000	0.1000	ug/L
21-May-90	Reagent Blank	ND	0.1000	0.1000	ug/L
22-May-90	Reagent Blank	ND	0.1000	0.1000	ug/L
24-May-90	Reagent Blank	ND	0.1000	0.1000	ug/L
25-May-90	Reagent Blank	ND	0.1000	0.1000	ug/L

Total Number of Blanks = 24 Concentration Range NC

Total Number above Detection Limit = 0 Maximum Detection Limit = 0.10

Method: Halocarbons by EPA 601

Analyte: 1,2-Dichloropropane

23-Apr-90	Reagent Blank	ND	0.1000	0.1000	ug/L
24-Apr-90	Reagent Blank	ND	0.1000	0.1000	ug/L
28-Apr-90	Reagent Blank	ND	0.1000	0.1000	ug/L
29-Apr-90	Reagent Blank	ND	0.1000	0.1000	ug/L
30-Apr-90	Reagent Blank	ND	0.1000	0.1000	ug/L
01-May-90	Reagent Blank	ND	0.1000	0.1000	ug/L
02-May-90	Reagent Blank	ND	0.1000	0.1000	ug/L
04-May-90	Reagent Blank	ND	0.1000	0.1000	ug/L
05-May-90	Reagent Blank	ND	0.1000	0.1000	ug/L
06-May-90	Reagent Blank	ND	0.1000	0.1000	ug/L
07-May-90	Reagent Blank	ND	0.1000	0.1000	ug/L
08-May-90	Reagent Blank	ND	0.1000	0.1000	ug/L
09-May-90	Reagent Blank	ND	0.1000	0.1000	ug/L
10-May-90	Reagent Blank	ND	0.1000	0.1000	ug/L

Compiled: 9 April 1991

TABLE 2. DETAILED LISTING OF BLANK RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Blank Results for Matrix = Laboratory Water

Date	Type of Blank	Detection Flag	Result	Detection Limit	Units
Analysis for Halocarbons by EPA 601					
Analyte: 1,2-Dichloropropane continued					
11-May-90	Reagent Blank	ND	0.1000	0.1000	ug/L
12-May-90	Reagent Blank	ND	0.1000	0.1000	ug/L
13-May-90	Reagent Blank	ND	0.1000	0.1000	ug/L
14-May-90	Reagent Blank	ND	0.1000	0.1000	ug/L
19-May-90	Reagent Blank	ND	0.1000	0.1000	ug/L
20-May-90	Reagent Blank	ND	0.1000	0.1000	ug/L
21-May-90	Reagent Blank	ND	0.1000	0.1000	ug/L
22-May-90	Reagent Blank	ND	0.1000	0.1000	ug/L
24-May-90	Reagent Blank	ND	0.1000	0.1000	ug/L
25-May-90	Reagent Blank	ND	0.1000	0.1000	ug/L

Total Number of Blanks = 24 Concentration Range NC
Total Number above Detection Limit = 0 Maximum Detection Limit = 0.10

Method: Halocarbons by EPA 601
Analyte: 1,3-Dichlorobenzene

23-Apr-90	Reagent Blank	ND	0.3200	0.3200	ug/L
24-Apr-90	Reagent Blank	ND	0.3200	0.3200	ug/L
28-Apr-90	Reagent Blank	ND	0.3200	0.3200	ug/L
29-Apr-90	Reagent Blank	ND	0.3200	0.3200	ug/L
30-Apr-90	Reagent Blank	ND	0.3200	0.3200	ug/L
01-May-90	Reagent Blank	ND	0.3200	0.3200	ug/L
02-May-90	Reagent Blank	ND	0.3200	0.3200	ug/L
04-May-90	Reagent Blank	ND	0.3200	0.3200	ug/L
05-May-90	Reagent Blank	ND	0.3200	0.3200	ug/L
06-May-90	Reagent Blank	ND	0.3200	0.3200	ug/L
07-May-90	Reagent Blank	ND	0.3200	0.3200	ug/L
08-May-90	Reagent Blank	ND	0.3200	0.3200	ug/L
09-May-90	Reagent Blank	ND	0.3200	0.3200	ug/L
10-May-90	Reagent Blank	ND	0.3200	0.3200	ug/L
11-May-90	Reagent Blank	ND	0.3200	0.3200	ug/L
12-May-90	Reagent Blank	ND	0.3200	0.3200	ug/L
13-May-90	Reagent Blank	ND	0.3200	0.3200	ug/L
14-May-90	Reagent Blank	ND	0.3200	0.3200	ug/L
19-May-90	Reagent Blank	ND	0.3200	0.3200	ug/L
20-May-90	Reagent Blank	ND	0.3200	0.3200	ug/L
21-May-90	Reagent Blank	ND	0.3200	0.3200	ug/L

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TABLE 2. DETAILED LISTING OF BLANK RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Blank Results for Matrix = Laboratory Water

Date	Type of Blank	Detection Flag	Result	Detection Limit	Units
Analysis for Halocarbons by EPA 601					
Analyte: 1,3-Dichlorobenzene continued					
22-May-90	Reagent Blank	ND	0.3200	0.3200	ug/L
24-May-90	Reagent Blank	ND	0.3200	0.3200	ug/L
25-May-90	Reagent Blank	ND	0.3200	0.3200	ug/L

Total Number of Blanks = 24 Concentration Range NC
Total Number above Detection Limit = 0 Maximum Detection Limit = 0.32

Method: Halocarbons by EPA 601
Analyte: 1,4-Dichlorobenzene

23-Apr-90	Reagent Blank	ND	0.2400	0.2400	ug/L
24-Apr-90	Reagent Blank	ND	0.2400	0.2400	ug/L
28-Apr-90	Reagent Blank	ND	0.2400	0.2400	ug/L
29-Apr-90	Reagent Blank	ND	0.2400	0.2400	ug/L
30-Apr-90	Reagent Blank	ND	0.2400	0.2400	ug/L
01-May-90	Reagent Blank	ND	0.2400	0.2400	ug/L
02-May-90	Reagent Blank	ND	0.2400	0.2400	ug/L
04-May-90	Reagent Blank	ND	0.2400	0.2400	ug/L
05-May-90	Reagent Blank	ND	0.2400	0.2400	ug/L
06-May-90	Reagent Blank	ND	0.2400	0.2400	ug/L
07-May-90	Reagent Blank	ND	0.2400	0.2400	ug/L
08-May-90	Reagent Blank	ND	0.2400	0.2400	ug/L
09-May-90	Reagent Blank	ND	0.2400	0.2400	ug/L
10-May-90	Reagent Blank	ND	0.2400	0.2400	ug/L
11-May-90	Reagent Blank	ND	0.2400	0.2400	ug/L
12-May-90	Reagent Blank	ND	0.2400	0.2400	ug/L
13-May-90	Reagent Blank	ND	0.2400	0.2400	ug/L
14-May-90	Reagent Blank	ND	0.2400	0.2400	ug/L
19-May-90	Reagent Blank	ND	0.2400	0.2400	ug/L
20-May-90	Reagent Blank	ND	0.2400	0.2400	ug/L
21-May-90	Reagent Blank	ND	0.2400	0.2400	ug/L
22-May-90	Reagent Blank	ND	0.2400	0.2400	ug/L
24-May-90	Reagent Blank	ND	0.2400	0.2400	ug/L
25-May-90	Reagent Blank	ND	0.2400	0.2400	ug/L

Total Number of Blanks = 24 Concentration Range NC
Total Number above Detection Limit = 0 Maximum Detection Limit = 0.24

TABLE 2. DETAILED LISTING OF BLANK RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Blank Results for Matrix = Laboratory Water

Date	Type of Blank	Detection Flag	Result	Detection Limit	Units
Method: Halocarbons by EPA 601					
Analyte: 2-Chloroethylvinyl ether					
23-Apr-90	Reagent Blank	ND	0.5000	0.5000	ug/L
24-Apr-90	Reagent Blank	ND	0.5000	0.5000	ug/L
28-Apr-90	Reagent Blank	ND	0.5000	0.5000	ug/L
29-Apr-90	Reagent Blank	ND	0.5000	0.5000	ug/L
30-Apr-90	Reagent Blank	ND	0.5000	0.5000	ug/L
01-May-90	Reagent Blank	ND	0.5000	0.5000	ug/L
02-May-90	Reagent Blank	ND	0.5000	0.5000	ug/L
04-May-90	Reagent Blank	ND	0.5000	0.5000	ug/L
05-May-90	Reagent Blank	ND	0.5000	0.5000	ug/L
06-May-90	Reagent Blank	ND	0.5000	0.5000	ug/L
07-May-90	Reagent Blank	ND	0.5000	0.5000	ug/L
08-May-90	Reagent Blank	ND	0.5000	0.5000	ug/L
09-May-90	Reagent Blank	ND	0.5000	0.5000	ug/L
10-May-90	Reagent Blank	ND	0.5000	0.5000	ug/L
11-May-90	Reagent Blank	ND	0.5000	0.5000	ug/L
12-May-90	Reagent Blank	ND	0.5000	0.5000	ug/L
13-May-90	Reagent Blank	ND	0.5000	0.5000	ug/L
14-May-90	Reagent Blank	ND	0.5000	0.5000	ug/L
19-May-90	Reagent Blank	ND	0.5000	0.5000	ug/L
20-May-90	Reagent Blank	ND	0.5000	0.5000	ug/L
21-May-90	Reagent Blank	ND	0.5000	0.5000	ug/L
22-May-90	Reagent Blank	ND	0.5000	0.5000	ug/L
24-May-90	Reagent Blank	ND	0.5000	0.5000	ug/L
25-May-90	Reagent Blank	ND	0.5000	0.5000	ug/L

Total Number of Blanks = 24 Concentration Range NC

Total Number above Detection Limit = 0 Maximum Detection Limit = 0.50

Method: Halocarbons by EPA 601					
Analyte: Bromodichloromethane					
23-Apr-90	Reagent Blank	ND	0.1000	0.1000	ug/L
24-Apr-90	Reagent Blank	ND	0.1000	0.1000	ug/L
28-Apr-90	Reagent Blank	ND	0.1000	0.1000	ug/L
29-Apr-90	Reagent Blank	ND	0.1000	0.1000	ug/L
30-Apr-90	Reagent Blank	ND	0.1000	0.1000	ug/L
01-May-90	Reagent Blank	ND	0.1000	0.1000	ug/L
02-May-90	Reagent Blank	ND	0.1000	0.1000	ug/L

Compiled: 9 April 1991

TABLE 2. DETAILED LISTING OF BLANK RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Blank Results for Matrix = Laboratory Water

Date	Type of Blank	Detection Flag	Result	Detection Limit	Units
Analysis for Halocarbons by EPA 601					
Analyte: Bromodichloromethane continued					
04-May-90	Reagent Blank	ND	0.1000	0.1000	ug/L
05-May-90	Reagent Blank	ND	0.1000	0.1000	ug/L
06-May-90	Reagent Blank	ND	0.1000	0.1000	ug/L
07-May-90	Reagent Blank	ND	0.1000	0.1000	ug/L
08-May-90	Reagent Blank	ND	0.1000	0.1000	ug/L
09-May-90	Reagent Blank	ND	0.1000	0.1000	ug/L
10-May-90	Reagent Blank	ND	0.1000	0.1000	ug/L
11-May-90	Reagent Blank	ND	0.1000	0.1000	ug/L
12-May-90	Reagent Blank	ND	0.1000	0.1000	ug/L
13-May-90	Reagent Blank	ND	0.1000	0.1000	ug/L
14-May-90	Reagent Blank	ND	0.1000	0.1000	ug/L
19-May-90	Reagent Blank	ND	0.1000	0.1000	ug/L
20-May-90	Reagent Blank	ND	0.1000	0.1000	ug/L
21-May-90	Reagent Blank	ND	0.1000	0.1000	ug/L
22-May-90	Reagent Blank	ND	0.1000	0.1000	ug/L
24-May-90	Reagent Blank	ND	0.1000	0.1000	ug/L
25-May-90	Reagent Blank	ND	0.1000	0.1000	ug/L

Total Number of Blanks = 24 Concentration Range NC

Total Number above Detection Limit = 0 Maximum Detection Limit = 0.10

Method: Halocarbons by EPA 601

Analyte: Bromoform

23-Apr-90	Reagent Blank	ND	0.5000	0.5000	ug/L
24-Apr-90	Reagent Blank	ND	0.5000	0.5000	ug/L
28-Apr-90	Reagent Blank	ND	0.5000	0.5000	ug/L
29-Apr-90	Reagent Blank	ND	0.5000	0.5000	ug/L
30-Apr-90	Reagent Blank	ND	0.5000	0.5000	ug/L
01-May-90	Reagent Blank	ND	0.5000	0.5000	ug/L
02-May-90	Reagent Blank	ND	0.5000	0.5000	ug/L
04-May-90	Reagent Blank	ND	0.5000	0.5000	ug/L
05-May-90	Reagent Blank	ND	0.5000	0.5000	ug/L
06-May-90	Reagent Blank	ND	0.5000	0.5000	ug/L
07-May-90	Reagent Blank	ND	0.5000	0.5000	ug/L
08-May-90	Reagent Blank	ND	0.5000	0.5000	ug/L
09-May-90	Reagent Blank	ND	0.5000	0.5000	ug/L
10-May-90	Reagent Blank	ND	0.5000	0.5000	ug/L

Compiled: 9 April 1991

TABLE 2. DETAILED LISTING OF BLANK RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Blank Results for Matrix = Laboratory Water

Date	Type of Blank	Detection Flag	Result	Detection Limit	Units
Analysis for Halocarbons by EPA 601					
Analyte: Bromoform continued					
11-May-90	Reagent Blank	ND	0.5000	0.5000	ug/L
12-May-90	Reagent Blank	ND	0.5000	0.5000	ug/L
13-May-90	Reagent Blank	ND	0.5000	0.5000	ug/L
14-May-90	Reagent Blank	ND	0.5000	0.5000	ug/L
19-May-90	Reagent Blank	ND	0.5000	0.5000	ug/L
20-May-90	Reagent Blank	ND	0.5000	0.5000	ug/L
21-May-90	Reagent Blank	ND	0.5000	0.5000	ug/L
22-May-90	Reagent Blank	ND	0.5000	0.5000	ug/L
24-May-90	Reagent Blank	ND	0.5000	0.5000	ug/L
25-May-90	Reagent Blank	ND	0.5000	0.5000	ug/L

Total Number of Blanks = 24 Concentration Range NC
Total Number above Detection Limit = 0 Maximum Detection Limit = 0.50

Method: Halocarbons by EPA 601
Analyte: Bromomethane

23-Apr-90	Reagent Blank	ND	1.2000	1.2000	ug/L
24-Apr-90	Reagent Blank	ND	1.2000	1.2000	ug/L
28-Apr-90	Reagent Blank	ND	1.2000	1.2000	ug/L
29-Apr-90	Reagent Blank	ND	1.2000	1.2000	ug/L
30-Apr-90	Reagent Blank	ND	1.2000	1.2000	ug/L
01-May-90	Reagent Blank	ND	1.2000	1.2000	ug/L
02-May-90	Reagent Blank	ND	1.2000	1.2000	ug/L
04-May-90	Reagent Blank	ND	1.2000	1.2000	ug/L
05-May-90	Reagent Blank	ND	1.2000	1.2000	ug/L
06-May-90	Reagent Blank	ND	1.2000	1.2000	ug/L
07-May-90	Reagent Blank	ND	1.2000	1.2000	ug/L
08-May-90	Reagent Blank	ND	1.2000	1.2000	ug/L
09-May-90	Reagent Blank	ND	1.2000	1.2000	ug/L
10-May-90	Reagent Blank	ND	1.2000	1.2000	ug/L
11-May-90	Reagent Blank	ND	1.2000	1.2000	ug/L
12-May-90	Reagent Blank	ND	1.2000	1.2000	ug/L
13-May-90	Reagent Blank	ND	1.2000	1.2000	ug/L
14-May-90	Reagent Blank	ND	1.2000	1.2000	ug/L
19-May-90	Reagent Blank	ND	1.2000	1.2000	ug/L
20-May-90	Reagent Blank	ND	1.2000	1.2000	ug/L
21-May-90	Reagent Blank	ND	1.2000	1.2000	ug/L

Compiled: 9 April 1991

TABLE 2. DETAILED LISTING OF BLANK RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Blank Results for Matrix = Laboratory Water

Date	Type of Blank	Detection Flag	Result	Detection Limit	Units
Analysis for Halocarbons by EPA 601					
Analyte: Bromomethane continued					
22-May-90	Reagent Blank	ND	1.2000	1.2000	ug/L
24-May-90	Reagent Blank	ND	1.2000	1.2000	ug/L
25-May-90	Reagent Blank	ND	1.2000	1.2000	ug/L

Total Number of Blanks = 24 Concentration Range NC
Total Number above Detection Limit = 0 Maximum Detection Limit = 1.2

Method: Halocarbons by EPA 601
Analyte: Carbon tetrachloride

23-Apr-90	Reagent Blank	ND	0.1200	0.1200	ug/L
24-Apr-90	Reagent Blank	ND	0.1200	0.1200	ug/L
28-Apr-90	Reagent Blank	ND	0.1200	0.1200	ug/L
29-Apr-90	Reagent Blank	ND	0.1200	0.1200	ug/L
30-Apr-90	Reagent Blank	ND	0.1200	0.1200	ug/L
01-May-90	Reagent Blank	ND	0.1200	0.1200	ug/L
02-May-90	Reagent Blank	ND	0.1200	0.1200	ug/L
04-May-90	Reagent Blank	ND	0.1200	0.1200	ug/L
05-May-90	Reagent Blank	ND	0.1200	0.1200	ug/L
06-May-90	Reagent Blank	ND	0.1200	0.1200	ug/L
07-May-90	Reagent Blank	ND	0.1200	0.1200	ug/L
08-May-90	Reagent Blank	ND	0.1200	0.1200	ug/L
09-May-90	Reagent Blank	ND	0.1200	0.1200	ug/L
10-May-90	Reagent Blank	ND	0.1200	0.1200	ug/L
11-May-90	Reagent Blank	ND	0.1200	0.1200	ug/L
12-May-90	Reagent Blank	ND	0.1200	0.1200	ug/L
13-May-90	Reagent Blank	ND	0.1200	0.1200	ug/L
14-May-90	Reagent Blank	ND	0.1200	0.1200	ug/L
19-May-90	Reagent Blank	ND	0.1200	0.1200	ug/L
20-May-90	Reagent Blank	ND	0.1200	0.1200	ug/L
21-May-90	Reagent Blank	ND	0.1200	0.1200	ug/L
22-May-90	Reagent Blank	ND	0.1200	0.1200	ug/L
24-May-90	Reagent Blank	ND	0.1200	0.1200	ug/L
25-May-90	Reagent Blank	ND	0.1200	0.1200	ug/L

Total Number of Blanks = 24 Concentration Range NC
Total Number above Detection Limit = 0 Maximum Detection Limit = 0.12

TABLE 2. DETAILED LISTING OF BLANK RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Blank Results for Matrix = Laboratory Water

Date	Type of Blank	Detection Flag	Result	Detection Limit	Units
Method: Halocarbons by EPA 601					
Analyte: Chlorobenzene					
23-Apr-90	Reagent Blank	ND	0.2500	0.2500	ug/L
24-Apr-90	Reagent Blank	ND	0.2500	0.2500	ug/L
28-Apr-90	Reagent Blank	ND	0.2500	0.2500	ug/L
29-Apr-90	Reagent Blank	ND	0.2500	0.2500	ug/L
30-Apr-90	Reagent Blank	ND	0.2500	0.2500	ug/L
01-May-90	Reagent Blank	ND	0.2500	0.2500	ug/L
02-May-90	Reagent Blank	ND	0.2500	0.2500	ug/L
04-May-90	Reagent Blank	ND	0.2500	0.2500	ug/L
05-May-90	Reagent Blank	ND	0.2500	0.2500	ug/L
06-May-90	Reagent Blank	ND	0.2500	0.2500	ug/L
07-May-90	Reagent Blank	ND	0.2500	0.2500	ug/L
08-May-90	Reagent Blank	ND	0.2500	0.2500	ug/L
09-May-90	Reagent Blank	ND	0.2500	0.2500	ug/L
10-May-90	Reagent Blank	ND	0.2500	0.2500	ug/L
11-May-90	Reagent Blank	ND	0.2500	0.2500	ug/L
12-May-90	Reagent Blank	ND	0.2500	0.2500	ug/L
13-May-90	Reagent Blank	ND	0.2500	0.2500	ug/L
14-May-90	Reagent Blank	ND	0.2500	0.2500	ug/L
19-May-90	Reagent Blank	ND	0.2500	0.2500	ug/L
20-May-90	Reagent Blank	ND	0.2500	0.2500	ug/L
21-May-90	Reagent Blank	ND	0.2500	0.2500	ug/L
22-May-90	Reagent Blank	ND	0.2500	0.2500	ug/L
24-May-90	Reagent Blank	ND	0.2500	0.2500	ug/L
25-May-90	Reagent Blank	ND	0.2500	0.2500	ug/L

Total Number of Blanks = 24 Concentration Range NC

Total Number above Detection Limit = 0 Maximum Detection Limit = 0.25

Method: Halocarbons by EPA 601					
Analyte: Chloroethane					
23-Apr-90	Reagent Blank	ND	0.5200	0.5200	ug/L
24-Apr-90	Reagent Blank	ND	0.5200	0.5200	ug/L
28-Apr-90	Reagent Blank	ND	0.5200	0.5200	ug/L
29-Apr-90	Reagent Blank	ND	0.5200	0.5200	ug/L
30-Apr-90	Reagent Blank	ND	0.5200	0.5200	ug/L
01-May-90	Reagent Blank	ND	0.5200	0.5200	ug/L
02-May-90	Reagent Blank	ND	0.5200	0.5200	ug/L

Compiled: 9 April 1991

TABLE 2. DETAILED LISTING OF BLANK RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Blank Results for Matrix = Laboratory Water

Date	Type of Blank	Detection Flag	Result	Detection Limit	Units
Analysis for Halocarbons by EPA 601					
Analyte: Chloroethane continued					
04-May-90	Reagent Blank	ND	0.5200	0.5200	ug/L
05-May-90	Reagent Blank	ND	0.5200	0.5200	ug/L
06-May-90	Reagent Blank	ND	0.5200	0.5200	ug/L
07-May-90	Reagent Blank	ND	0.5200	0.5200	ug/L
08-May-90	Reagent Blank	ND	0.5200	0.5200	ug/L
09-May-90	Reagent Blank	ND	0.5200	0.5200	ug/L
10-May-90	Reagent Blank	ND	0.5200	0.5200	ug/L
11-May-90	Reagent Blank	ND	0.5200	0.5200	ug/L
12-May-90	Reagent Blank	ND	0.5200	0.5200	ug/L
13-May-90	Reagent Blank	ND	0.5200	0.5200	ug/L
14-May-90	Reagent Blank	ND	0.5200	0.5200	ug/L
19-May-90	Reagent Blank	ND	0.5200	0.5200	ug/L
20-May-90	Reagent Blank	ND	0.5200	0.5200	ug/L
21-May-90	Reagent Blank	ND	0.5200	0.5200	ug/L
22-May-90	Reagent Blank	ND	0.5200	0.5200	ug/L
24-May-90	Reagent Blank	ND	0.5200	0.5200	ug/L
25-May-90	Reagent Blank	ND	0.5200	0.5200	ug/L

Total Number of Blanks = 24 Concentration Range NC

Total Number above Detection Limit = 0 Maximum Detection Limit = 0.52

Method: Halocarbons by EPA 601

Analyte: Chloroform

23-Apr-90	Reagent Blank	ND	0.1000	0.1000	ug/L
24-Apr-90	Reagent Blank	ND	0.1000	0.1000	ug/L
28-Apr-90	Reagent Blank	ND	0.1000	0.1000	ug/L
29-Apr-90	Reagent Blank	ND	0.1000	0.1000	ug/L
30-Apr-90	Reagent Blank	ND	0.1000	0.1000	ug/L
01-May-90	Reagent Blank	ND	0.1000	0.1000	ug/L
02-May-90	Reagent Blank	ND	0.1000	0.1000	ug/L
04-May-90	Reagent Blank	ND	0.1000	0.1000	ug/L
05-May-90	Reagent Blank	ND	0.1000	0.1000	ug/L
06-May-90	Reagent Blank	ND	0.1000	0.1000	ug/L
07-May-90	Reagent Blank	ND	0.1000	0.1000	ug/L
08-May-90	Reagent Blank	ND	0.1000	0.1000	ug/L
09-May-90	Reagent Blank	ND	0.1000	0.1000	ug/L
10-May-90	Reagent Blank	ND	0.1000	0.1000	ug/L

Compiled: 9 April 1991

TABLE 2. DETAILED LISTING OF BLANK RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Blank Results for Matrix = Laboratory Water

Date	Type of Blank	Detection Flag	Result	Detection Limit	Units
Analysis for Halocarbons by EPA 601					
Analyte: Chloroform continued					
11-May-90	Reagent Blank	ND	0.1000	0.1000	ug/L
12-May-90	Reagent Blank	ND	0.1000	0.1000	ug/L
13-May-90	Reagent Blank	ND	0.1000	0.1000	ug/L
14-May-90	Reagent Blank	ND	0.1000	0.1000	ug/L
19-May-90	Reagent Blank	ND	0.1000	0.1000	ug/L
20-May-90	Reagent Blank	ND	0.1000	0.1000	ug/L
21-May-90	Reagent Blank	ND	0.1000	0.1000	ug/L
22-May-90	Reagent Blank	ND	0.1000	0.1000	ug/L
24-May-90	Reagent Blank	ND	0.1000	0.1000	ug/L
25-May-90	Reagent Blank	ND	0.1000	0.1000	ug/L

Total Number of Blanks = 24 Concentration Range NC

Total Number above Detection Limit = 0 Maximum Detection Limit = 0.10

Method: Halocarbons by EPA 601

Analyte: Chloromethane

23-Apr-90	Reagent Blank	ND	0.3000	0.3000	ug/L
24-Apr-90	Reagent Blank	ND	0.3000	0.3000	ug/L
28-Apr-90	Reagent Blank	ND	0.3000	0.3000	ug/L
29-Apr-90	Reagent Blank	ND	0.3000	0.3000	ug/L
30-Apr-90	Reagent Blank	ND	0.3000	0.3000	ug/L
01-May-90	Reagent Blank	ND	0.3000	0.3000	ug/L
02-May-90	Reagent Blank	ND	0.3000	0.3000	ug/L
04-May-90	Reagent Blank	ND	0.3000	0.3000	ug/L
05-May-90	Reagent Blank	ND	0.3000	0.3000	ug/L
06-May-90	Reagent Blank	ND	0.3000	0.3000	ug/L
07-May-90	Reagent Blank	ND	0.3000	0.3000	ug/L
08-May-90	Reagent Blank	ND	0.3000	0.3000	ug/L
09-May-90	Reagent Blank	ND	0.3000	0.3000	ug/L
10-May-90	Reagent Blank	ND	0.3000	0.3000	ug/L
11-May-90	Reagent Blank	ND	0.3000	0.3000	ug/L
12-May-90	Reagent Blank	ND	0.3000	0.3000	ug/L
13-May-90	Reagent Blank	ND	0.3000	0.3000	ug/L
14-May-90	Reagent Blank	ND	0.3000	0.3000	ug/L
19-May-90	Reagent Blank	ND	0.3000	0.3000	ug/L
20-May-90	Reagent Blank	ND	0.3000	0.3000	ug/L
21-May-90	Reagent Blank	ND	0.3000	0.3000	ug/L

Compiled: 9 April 1991

TABLE 2. DETAILED LISTING OF BLANK RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Blank Results for Matrix = Laboratory Water

Date	Type of Blank	Detection Flag	Result	Detection Limit	Units
Analysis for Halocarbons by EPA 601					
Analyte: Chloromethane continued					
22-May-90	Reagent Blank	ND	0.3000	0.3000	ug/L
24-May-90	Reagent Blank	ND	0.3000	0.3000	ug/L
25-May-90	Reagent Blank	ND	0.3000	0.3000	ug/L

Total Number of Blanks = 24 Concentration Range NC
Total Number above Detection Limit = 0 Maximum Detection Limit = 0.30

Date	Type of Blank	Detection Flag	Result	Detection Limit	Units
Method: Halocarbons by EPA 601					
Analyte: Dibromochloromethane					
23-Apr-90	Reagent Blank	ND	0.2000	0.2000	ug/L
24-Apr-90	Reagent Blank	ND	0.2000	0.2000	ug/L
28-Apr-90	Reagent Blank	ND	0.2000	0.2000	ug/L
29-Apr-90	Reagent Blank	ND	0.2000	0.2000	ug/L
30-Apr-90	Reagent Blank	ND	0.2000	0.2000	ug/L
01-May-90	Reagent Blank	ND	0.2000	0.2000	ug/L
02-May-90	Reagent Blank	ND	0.2000	0.2000	ug/L
04-May-90	Reagent Blank	ND	0.2000	0.2000	ug/L
05-May-90	Reagent Blank	ND	0.2000	0.2000	ug/L
06-May-90	Reagent Blank	ND	0.2000	0.2000	ug/L
07-May-90	Reagent Blank	ND	0.2000	0.2000	ug/L
08-May-90	Reagent Blank	ND	0.2000	0.2000	ug/L
09-May-90	Reagent Blank	ND	0.2000	0.2000	ug/L
10-May-90	Reagent Blank	ND	0.2000	0.2000	ug/L
11-May-90	Reagent Blank	ND	0.2000	0.2000	ug/L
12-May-90	Reagent Blank	ND	0.2000	0.2000	ug/L
13-May-90	Reagent Blank	ND	0.2000	0.2000	ug/L
14-May-90	Reagent Blank	ND	0.2000	0.2000	ug/L
19-May-90	Reagent Blank	ND	0.2000	0.2000	ug/L
20-May-90	Reagent Blank	ND	0.2000	0.2000	ug/L
21-May-90	Reagent Blank	ND	0.2000	0.2000	ug/L
22-May-90	Reagent Blank	ND	0.2000	0.2000	ug/L
24-May-90	Reagent Blank	ND	0.2000	0.2000	ug/L
25-May-90	Reagent Blank	ND	0.2000	0.2000	ug/L

Total Number of Blanks = 24 Concentration Range NC
Total Number above Detection Limit = 0 Maximum Detection Limit = 0.20

TABLE 2. DETAILED LISTING OF BLANK RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Blank Results for Matrix = Laboratory Water

Date	Type of Blank	Detection Flag	Result	Detection Limit	Units
Method: Halocarbons by EPA 601					
Analyte: Methylene chloride					
23-Apr-90	Reagent Blank	ND	0.4000	0.4000	ug/L
24-Apr-90	Reagent Blank	ND	0.4000	0.4000	ug/L
28-Apr-90	Reagent Blank	ND	0.4000	0.4000	ug/L
29-Apr-90	Reagent Blank	ND	0.4000	0.4000	ug/L
30-Apr-90	Reagent Blank	ND	0.4000	0.4000	ug/L
01-May-90	Reagent Blank	ND	0.4000	0.4000	ug/L
02-May-90	Reagent Blank	ND	0.4000	0.4000	ug/L
04-May-90	Reagent Blank	ND	0.4000	0.4000	ug/L
05-May-90	Reagent Blank	ND	0.4000	0.4000	ug/L
06-May-90	Reagent Blank	ND	0.4000	0.4000	ug/L
07-May-90	Reagent Blank	ND	0.4000	0.4000	ug/L
08-May-90	Reagent Blank	ND	0.4000	0.4000	ug/L
09-May-90	Reagent Blank	ND	0.4000	0.4000	ug/L
10-May-90	Reagent Blank	ND	0.4000	0.4000	ug/L
11-May-90	Reagent Blank	ND	0.4000	0.4000	ug/L
12-May-90	Reagent Blank	ND	0.4000	0.4000	ug/L
13-May-90	Reagent Blank	ND	0.4000	0.4000	ug/L
14-May-90	Reagent Blank	ND	0.4000	0.4000	ug/L
19-May-90	Reagent Blank	ND	0.4000	0.4000	ug/L
20-May-90	Reagent Blank	ND	0.4000	0.4000	ug/L
21-May-90	Reagent Blank	ND	0.4000	0.4000	ug/L
22-May-90	Reagent Blank	ND	0.4000	0.4000	ug/L
24-May-90	Reagent Blank	ND	0.4000	0.4000	ug/L
25-May-90	Reagent Blank	ND	0.4000	0.4000	ug/L

Total Number of Blanks = 24 Concentration Range NC

Total Number above Detection Limit = 0 Maximum Detection Limit = 0.40

Method: Halocarbons by EPA 601					
Analyte: Tetrachloroethene					
23-Apr-90	Reagent Blank	<5X	0.1700	0.1000	ug/L
23-Apr-90	Reagent Blank	ND	0.1000	0.1000	ug/L
24-Apr-90	Reagent Blank	ND	0.1000	0.1000	ug/L
28-Apr-90	Reagent Blank	ND	0.1000	0.1000	ug/L
29-Apr-90	Reagent Blank	ND	0.1000	0.1000	ug/L
30-Apr-90	Reagent Blank	ND	0.1000	0.1000	ug/L
01-May-90	Reagent Blank	ND	0.1000	0.1000	ug/L

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TABLE 2. DETAILED LISTING OF BLANK RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Blank Results for Matrix = Laboratory Water

Date	Type of Blank	Detection Flag	Result	Detection Limit	Units
Analysis for Halocarbons by EPA 601					
Analyte: Tetrachloroethene continued					
02-May-90	Reagent Blank	ND	0.1000	0.1000	ug/L
04-May-90	Reagent Blank	ND	0.1000	0.1000	ug/L
05-May-90	Reagent Blank	ND	0.1000	0.1000	ug/L
06-May-90	Reagent Blank	ND	0.1000	0.1000	ug/L
07-May-90	Reagent Blank	ND	0.1000	0.1000	ug/L
08-May-90	Reagent Blank	ND	0.1000	0.1000	ug/L
09-May-90	Reagent Blank	ND	0.1000	0.1000	ug/L
10-May-90	Reagent Blank	ND	0.1000	0.1000	ug/L
11-May-90	Reagent Blank	ND	0.1000	0.1000	ug/L
12-May-90	Reagent Blank	ND	0.1000	0.1000	ug/L
13-May-90	Reagent Blank	ND	0.1000	0.1000	ug/L
14-May-90	Reagent Blank	ND	0.1000	0.1000	ug/L
19-May-90	Reagent Blank	ND	0.1000	0.1000	ug/L
20-May-90	Reagent Blank	ND	0.1000	0.1000	ug/L
21-May-90	Reagent Blank	ND	0.1000	0.1000	ug/L
22-May-90	Reagent Blank	ND	0.1000	0.1000	ug/L
24-May-90	Reagent Blank	ND	0.1000	0.1000	ug/L
25-May-90	Reagent Blank	ND	0.1000	0.1000	ug/L

Total Number of Blanks = 25 — Concentration Range 0.170 - 0.17

Total Number above Detection Limit = 1 — Maximum Detection Limit = 0.10

Method: Halocarbons by EPA 601

Analyte: Trichloroethene

23-Apr-90	Reagent Blank	ND	0.2000	0.2000	ug/L
24-Apr-90	Reagent Blank	ND	0.2000	0.2000	ug/L
28-Apr-90	Reagent Blank	ND	0.2000	0.2000	ug/L
29-Apr-90	Reagent Blank	ND	0.2000	0.2000	ug/L
30-Apr-90	Reagent Blank	ND	0.2000	0.2000	ug/L
01-May-90	Reagent Blank	ND	0.2000	0.2000	ug/L
02-May-90	Reagent Blank	ND	0.2000	0.2000	ug/L
04-May-90	Reagent Blank	ND	0.2000	0.2000	ug/L
05-May-90	Reagent Blank	ND	0.2000	0.2000	ug/L
06-May-90	Reagent Blank	ND	0.2000	0.2000	ug/L
07-May-90	Reagent Blank	ND	0.2000	0.2000	ug/L
08-May-90	Reagent Blank	ND	0.2000	0.2000	ug/L
09-May-90	Reagent Blank	ND	0.2000	0.2000	ug/L

TABLE 2. DETAILED LISTING OF BLANK RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Blank Results for Matrix = Laboratory Water

Date	Type of Blank	Detection Flag	Result	Detection Limit	Units
Analysis for Halocarbons by EPA 601					
Analyte: Trichloroethene continued					
10-May-90	Reagent Blank	ND	0.2000	0.2000	ug/L
10-May-90	Reagent Blank	XI	1.3000	0.2000	ug/L
11-May-90	Reagent Blank	ND	0.2000	0.2000	ug/L
12-May-90	Reagent Blank	ND	0.2000	0.2000	ug/L
13-May-90	Reagent Blank	ND	0.2000	0.2000	ug/L
14-May-90	Reagent Blank	ND	0.2000	0.2000	ug/L
19-May-90	Reagent Blank	ND	0.2000	0.2000	ug/L
20-May-90	Reagent Blank	ND	0.2000	0.2000	ug/L
21-May-90	Reagent Blank	ND	0.2000	0.2000	ug/L
22-May-90	Reagent Blank	ND	0.2000	0.2000	ug/L
24-May-90	Reagent Blank	ND	0.2000	0.2000	ug/L
25-May-90	Reagent Blank	ND	0.2000	0.2000	ug/L

Total Number of Blanks = 25 Concentration Range 1.300 - 1.3
Total Number above Detection Limit = 1 Maximum Detection Limit = 0.20

Method: Halocarbons by EPA 601
Analyte: Trichlorofluoromethane

23-Apr-90	Reagent Blank	ND	0.2000	0.2000	ug/L
24-Apr-90	Reagent Blank	ND	0.2000	0.2000	ug/L
28-Apr-90	Reagent Blank	ND	0.2000	0.2000	ug/L
29-Apr-90	Reagent Blank	ND	0.2000	0.2000	ug/L
30-Apr-90	Reagent Blank	ND	0.2000	0.2000	ug/L
01-May-90	Reagent Blank	ND	0.2000	0.2000	ug/L
02-May-90	Reagent Blank	ND	0.2000	0.2000	ug/L
04-May-90	Reagent Blank	ND	0.2000	0.2000	ug/L
05-May-90	Reagent Blank	ND	0.2000	0.2000	ug/L
06-May-90	Reagent Blank	ND	0.2000	0.2000	ug/L
07-May-90	Reagent Blank	ND	0.2000	0.2000	ug/L
08-May-90	Reagent Blank	ND	0.2000	0.2000	ug/L
09-May-90	Reagent Blank	ND	0.2000	0.2000	ug/L
10-May-90	Reagent Blank	ND	0.2000	0.2000	ug/L
11-May-90	Reagent Blank	ND	0.2000	0.2000	ug/L
12-May-90	Reagent Blank	ND	0.2000	0.2000	ug/L
13-May-90	Reagent Blank	ND	0.2000	0.2000	ug/L
14-May-90	Reagent Blank	ND	0.2000	0.2000	ug/L
19-May-90	Reagent Blank	ND	0.2000	0.2000	ug/L

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TABLE 2. DETAILED LISTING OF BLANK RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Blank Results for Matrix = Laboratory Water

Date	Type of Blank	Detection Flag	Result	Detection Limit	Units
Analysis for Halocarbons by EPA 601					
Analyte: Trichlorofluoromethane continued					
20-May-90	Reagent Blank	ND	0.2000	0.2000	ug/L
21-May-90	Reagent Blank	ND	0.2000	0.2000	ug/L
22-May-90	Reagent Blank	ND	0.2000	0.2000	ug/L
24-May-90	Reagent Blank	ND	0.2000	0.2000	ug/L
25-May-90	Reagent Blank	ND	0.2000	0.2000	ug/L

Total Number of Blanks = 24 Concentration Range NC
Total Number above Detection Limit = 0 Maximum Detection Limit = 0.20

Method: Halocarbons by EPA 601
Analyte: Vinyl chloride

23-Apr-90	Reagent Blank	ND	0.2000	0.2000	ug/L
24-Apr-90	Reagent Blank	ND	0.2000	0.2000	ug/L
28-Apr-90	Reagent Blank	ND	0.2000	0.2000	ug/L
29-Apr-90	Reagent Blank	ND	0.2000	0.2000	ug/L
30-Apr-90	Reagent Blank	ND	0.2000	0.2000	ug/L
01-May-90	Reagent Blank	ND	0.2000	0.2000	ug/L
02-May-90	Reagent Blank	ND	0.2000	0.2000	ug/L
04-May-90	Reagent Blank	ND	0.2000	0.2000	ug/L
05-May-90	Reagent Blank	ND	0.2000	0.2000	ug/L
06-May-90	Reagent Blank	ND	0.2000	0.2000	ug/L
07-May-90	Reagent Blank	ND	0.2000	0.2000	ug/L
08-May-90	Reagent Blank	ND	0.2000	0.2000	ug/L
09-May-90	Reagent Blank	ND	0.2000	0.2000	ug/L
10-May-90	Reagent Blank	ND	0.2000	0.2000	ug/L
11-May-90	Reagent Blank	ND	0.2000	0.2000	ug/L
12-May-90	Reagent Blank	ND	0.2000	0.2000	ug/L
13-May-90	Reagent Blank	ND	0.2000	0.2000	ug/L
14-May-90	Reagent Blank	ND	0.2000	0.2000	ug/L
19-May-90	Reagent Blank	ND	0.2000	0.2000	ug/L
20-May-90	Reagent Blank	ND	0.2000	0.2000	ug/L
21-May-90	Reagent Blank	ND	0.2000	0.2000	ug/L
22-May-90	Reagent Blank	ND	0.2000	0.2000	ug/L
24-May-90	Reagent Blank	ND	0.2000	0.2000	ug/L
25-May-90	Reagent Blank	ND	0.2000	0.2000	ug/L

Total Number of Blanks = 24 Concentration Range NC

Compiled: 9 April 1991

TABLE 2. DETAILED LISTING OF BLANK RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Blank Results for Matrix = Laboratory Water

Date	Type of Blank	Detection Flag	Result	Detection Limit	Units
Analysis for Halocarbons by EPA 601					
Analyte: Vinyl chloride continued					
Total Number above Detection Limit = 0			Maximum Detection Limit = 0.20		
Method: Halocarbons by EPA 601					
Analyte: cis-1,2-Dichloroethene					
23-Apr-90	Reagent Blank	ND	0.2000	0.2000	ug/L
24-Apr-90	Reagent Blank	ND	0.2000	0.2000	ug/L
28-Apr-90	Reagent Blank	ND	0.2000	0.2000	ug/L
29-Apr-90	Reagent Blank	ND	0.2000	0.2000	ug/L
30-Apr-90	Reagent Blank	ND	0.2000	0.2000	ug/L
01-May-90	Reagent Blank	ND	0.2000	0.2000	ug/L
02-May-90	Reagent Blank	ND	0.2000	0.2000	ug/L
04-May-90	Reagent Blank	ND	0.2000	0.2000	ug/L
05-May-90	Reagent Blank	ND	0.2000	0.2000	ug/L
06-May-90	Reagent Blank	ND	0.2000	0.2000	ug/L
07-May-90	Reagent Blank	ND	0.2000	0.2000	ug/L
08-May-90	Reagent Blank	ND	0.2000	0.2000	ug/L
09-May-90	Reagent Blank	ND	0.2000	0.2000	ug/L
10-May-90	Reagent Blank	ND	0.2000	0.2000	ug/L
11-May-90	Reagent Blank	ND	0.2000	0.2000	ug/L
12-May-90	Reagent Blank	ND	0.2000	0.2000	ug/L
13-May-90	Reagent Blank	ND	0.2000	0.2000	ug/L
14-May-90	Reagent Blank	ND	0.2000	0.2000	ug/L
19-May-90	Reagent Blank	ND	0.2000	0.2000	ug/L
20-May-90	Reagent Blank	ND	0.2000	0.2000	ug/L
21-May-90	Reagent Blank	ND	0.2000	0.2000	ug/L
22-May-90	Reagent Blank	ND	0.2000	0.2000	ug/L
24-May-90	Reagent Blank	ND	0.2000	0.2000	ug/L
25-May-90	Reagent Blank	ND	0.2000	0.2000	ug/L
Total Number of Blanks = 24			Concentration Range NC		
Total Number above Detection Limit = 0			Maximum Detection Limit = 0.20		
Method: Halocarbons by EPA 601					
Analyte: cis-1,3-Dichloropropene					
23-Apr-90	Reagent Blank	ND	0.2000	0.2000	ug/L

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TABLE 2. DETAILED LISTING OF BLANK RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Blank Results for Matrix = Laboratory Water

Date	Type of Blank	Detection Flag	Result	Detection Limit	Units
Analysis for Halocarbons by EPA 601					
Analyte: cis-1,3-Dichloropropene continued					
24-Apr-90	Reagent Blank	ND	0.2000	0.2000	ug/L
28-Apr-90	Reagent Blank	ND	0.2000	0.2000	ug/L
29-Apr-90	Reagent Blank	ND	0.2000	0.2000	ug/L
30-Apr-90	Reagent Blank	ND	0.2000	0.2000	ug/L
01-May-90	Reagent Blank	ND	0.2000	0.2000	ug/L
02-May-90	Reagent Blank	ND	0.2000	0.2000	ug/L
04-May-90	Reagent Blank	ND	0.2000	0.2000	ug/L
05-May-90	Reagent Blank	ND	0.2000	0.2000	ug/L
06-May-90	Reagent Blank	ND	0.2000	0.2000	ug/L
07-May-90	Reagent Blank	ND	0.2000	0.2000	ug/L
08-May-90	Reagent Blank	ND	0.2000	0.2000	ug/L
09-May-90	Reagent Blank	ND	0.2000	0.2000	ug/L
10-May-90	Reagent Blank	ND	0.2000	0.2000	ug/L
11-May-90	Reagent Blank	ND	0.2000	0.2000	ug/L
12-May-90	Reagent Blank	ND	0.2000	0.2000	ug/L
13-May-90	Reagent Blank	ND	0.2000	0.2000	ug/L
14-May-90	Reagent Blank	ND	0.2000	0.2000	ug/L
19-May-90	Reagent Blank	ND	0.2000	0.2000	ug/L
20-May-90	Reagent Blank	ND	0.2000	0.2000	ug/L
21-May-90	Reagent Blank	ND	0.2000	0.2000	ug/L
22-May-90	Reagent Blank	ND	0.2000	0.2000	ug/L
24-May-90	Reagent Blank	ND	0.2000	0.2000	ug/L
25-May-90	Reagent Blank	ND	0.2000	0.2000	ug/L

Total Number of Blanks = 24 Concentration Range NC
Total Number above Detection Limit = 0 Maximum Detection Limit = 0.20

Method: Halocarbons by EPA 601
Analyte: trans-1,2-Dichloroethene

23-Apr-90	Reagent Blank	ND	0.2000	0.2000	ug/L
24-Apr-90	Reagent Blank	ND	0.2000	0.2000	ug/L
28-Apr-90	Reagent Blank	ND	0.2000	0.2000	ug/L
29-Apr-90	Reagent Blank	ND	0.2000	0.2000	ug/L
30-Apr-90	Reagent Blank	ND	0.2000	0.2000	ug/L
01-May-90	Reagent Blank	ND	0.2000	0.2000	ug/L
02-May-90	Reagent Blank	ND	0.2000	0.2000	ug/L
04-May-90	Reagent Blank	ND	0.2000	0.2000	ug/L

Compiled: 9 April 1991

TABLE 2. DETAILED LISTING OF BLANK RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Blank Results for Matrix = Laboratory Water

Date	Type of Blank	Detection Flag	Result	Detection Limit	Units
Analysis for Halocarbons by EPA 601					
Analyte: trans-1,2-Dichloroethene continued					
05-May-90	Reagent Blank	ND	0.2000	0.2000	ug/L
06-May-90	Reagent Blank	ND	0.2000	0.2000	ug/L
07-May-90	Reagent Blank	ND	0.2000	0.2000	ug/L
08-May-90	Reagent Blank	ND	0.2000	0.2000	ug/L
09-May-90	Reagent Blank	ND	0.2000	0.2000	ug/L
10-May-90	Reagent Blank	ND	0.2000	0.2000	ug/L
11-May-90	Reagent Blank	ND	0.2000	0.2000	ug/L
12-May-90	Reagent Blank	ND	0.2000	0.2000	ug/L
13-May-90	Reagent Blank	ND	0.2000	0.2000	ug/L
14-May-90	Reagent Blank	ND	0.2000	0.2000	ug/L
19-May-90	Reagent Blank	ND	0.2000	0.2000	ug/L
20-May-90	Reagent Blank	ND	0.2000	0.2000	ug/L
21-May-90	Reagent Blank	ND	0.2000	0.2000	ug/L
22-May-90	Reagent Blank	ND	0.2000	0.2000	ug/L
24-May-90	Reagent Blank	ND	0.2000	0.2000	ug/L
25-May-90	Reagent Blank	ND	0.2000	0.2000	ug/L

Total Number of Blanks = 24 Concentration Range NC

Total Number above Detection Limit = 0 Maximum Detection Limit = 0.20

Method: Halocarbons by EPA 601

Analyte: trans-1,3-Dichloropropene

23-Apr-90	Reagent Blank	ND	0.3400	0.3400	ug/L
24-Apr-90	Reagent Blank	ND	0.3400	0.3400	ug/L
28-Apr-90	Reagent Blank	ND	0.3400	0.3400	ug/L
29-Apr-90	Reagent Blank	ND	0.3400	0.3400	ug/L
30-Apr-90	Reagent Blank	ND	0.3400	0.3400	ug/L
01-May-90	Reagent Blank	ND	0.3400	0.3400	ug/L
02-May-90	Reagent Blank	ND	0.3400	0.3400	ug/L
04-May-90	Reagent Blank	ND	0.3400	0.3400	ug/L
05-May-90	Reagent Blank	ND	0.3400	0.3400	ug/L
06-May-90	Reagent Blank	ND	0.3400	0.3400	ug/L
07-May-90	Reagent Blank	ND	0.3400	0.3400	ug/L
08-May-90	Reagent Blank	ND	0.3400	0.3400	ug/L
09-May-90	Reagent Blank	ND	0.3400	0.3400	ug/L
10-May-90	Reagent Blank	ND	0.3400	0.3400	ug/L
11-May-90	Reagent Blank	ND	0.3400	0.3400	ug/L

Compiled: 9 April 1991

TABLE 2. DETAILED LISTING OF BLANK RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Blank Results for Matrix = Laboratory Water

Date	Type of Blank	Detection Flag	Result	Detection Limit	Units
Analysis for Halocarbons by EPA 601					
Analyte: trans-1,3-Dichloropropene continued					
12-May-90	Reagent Blank	ND	0.340D	D.3400	ug/L
13-May-90	Reagent Blank	ND	0.3400	0.3400	ug/L
14-May-90	Reagent Blank	ND	0.3400	0.3400	ug/L
19-May-90	Reagent Blank	ND	0.3400	0.3400	ug/L
20-May-90	Reagent Blank	ND	0.3400	0.3400	ug/L
21-May-90	Reagent Blank	ND	0.3400	0.3400	ug/L
22-May-90	Reagent Blank	ND	0.3400	0.3400	ug/L
24-May-90	Reagent Blank	ND	0.3400	0.3400	ug/L
25-May-90	Reagent Blank	ND	0.3400	0.3400	ug/L

Total Number of Blanks = 24 Concentration Range NC

Total Number above Detection Limit = 0 Maximum Detection Limit = 0.34

Method: Aromatics by EPA 602					
Analyte: 1,2-Dichlorobenzene					
22-Apr-90	Reagent Blank	ND	0.4000	0.4000	ug/L
28-Apr-90	Reagent Blank	ND	0.4000	0.4000	ug/L
01-May-90	Reagent Blank	ND	0.4000	0.40D0	ug/L
02-May-90	Reagent Blank	ND	0.4000	0.4000	ug/L
03-May-90	Reagent Blank	ND	0.4000	0.4000	ug/L
04-May-90	Reagent Blank	ND	0.4000	0.4000	ug/L
05-May-90	Reagent Blank	ND	0.4000	0.4000	ug/L
06-May-90	Reagent Blank	ND	0.4000	0.4000	ug/L
16-May-90	Reagent Blank	ND	0.4000	0.4000	ug/L
22-May-90	Reagent Blank	ND	0.4000	0.4000	ug/L
23-May-90	Reagent Blank	ND	0.4000	0.4000	ug/L
24-May-90	Reagent Blank	ND	0.4000	0.4000	ug/L

Total Number of Blanks = 12 Concentration Range NC

Total Number above Detection Limit = 0 Maximum Detection Limit = 0.4D

Method: Aromatics by EPA 602					
Analyte: 1,3-Dichlorobenzene					
22-Apr-90	Reagent Blank	ND	0.4000	0.4000	ug/L

Compiled: 9 April 1991

TABLE 2. DETAILED LISTING OF BLANK RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Blank Results for Matrix = Laboratory Water

Date	Type of Blank	Detection Flag	Result	Detection Limit	Units
Analysis for Aromatics by EPA 602					
Analyte: 1,3-Dichlorobenzene continued					
28-Apr-90	Reagent Blank	ND	0.4000	0.4000	ug/L
01-May-90	Reagent Blank	ND	0.4000	0.4000	ug/L
02-May-90	Reagent Blank	ND	0.4000	0.4000	ug/L
03-May-90	Reagent Blank	ND	0.4000	0.4000	ug/L
04-May-90	Reagent Blank	ND	0.4000	0.4000	ug/L
05-May-90	Reagent Blank	ND	0.4000	0.4000	ug/L
06-May-90	Reagent Blank	ND	0.4000	0.4000	ug/L
16-May-90	Reagent Blank	ND	0.4000	0.4000	ug/L
22-May-90	Reagent Blank	ND	0.4000	0.4000	ug/L
23-May-90	Reagent Blank	ND	0.4000	0.4000	ug/L
24-May-90	Reagent Blank	ND	0.4000	0.4000	ug/L

Total Number of Blanks = 12 Concentration Range NC
Total Number above Detection Limit = 0 Maximum Detection Limit = 0.40

Method: Aromatics by EPA 602
Analyte: 1,4-Dichlorobenzene

22-Apr-90	Reagent Blank	ND	0.3000	0.3000	ug/L
28-Apr-90	Reagent Blank	ND	0.3000	0.3000	ug/L
01-May-90	Reagent Blank	ND	0.3000	0.3000	ug/L
02-May-90	Reagent Blank	ND	0.3000	0.3000	ug/L
03-May-90	Reagent Blank	ND	0.3000	0.3000	ug/L
04-May-90	Reagent Blank	ND	0.3000	0.3000	ug/L
05-May-90	Reagent Blank	ND	0.3000	0.3000	ug/L
06-May-90	Reagent Blank	ND	0.3000	0.3000	ug/L
16-May-90	Reagent Blank	ND	0.3000	0.3000	ug/L
22-May-90	Reagent Blank	ND	0.3000	0.3000	ug/L
23-May-90	Reagent Blank	ND	0.3000	0.3000	ug/L
24-May-90	Reagent Blank	ND	0.3000	0.3000	ug/L

Total Number of Blanks = 12 Concentration Range NC
Total Number above Detection Limit = 0 Maximum Detection Limit = 0.30

TABLE 2. DETAILED LISTING OF BLANK RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Blank Results for Matrix = Laboratory Water

Date	Type of Blank	Detection Flag	Result	Detection Limit	Units
Method: Aromatics by EPA 602					
Analyte: Benzene					
22-Apr-90	Reagent Blank	ND	0.2000	0.2000	ug/L
28-Apr-90	Reagent Blank	ND	0.2000	0.2000	ug/L
01-May-90	Reagent Blank	ND	0.2000	0.2000	ug/L
02-May-90	Reagent Blank	ND	0.2000	0.2000	ug/L
03-May-90	Reagent Blank	ND	0.2000	0.2000	ug/L
04-May-90	Reagent Blank	ND	0.2000	0.2000	ug/L
05-May-90	Reagent Blank	ND	0.2000	0.2000	ug/L
06-May-90	Reagent Blank	ND	0.2000	0.2000	ug/L
16-May-90	Reagent Blank	ND	0.2000	0.2000	ug/L
22-May-90	Reagent Blank	ND	0.2000	0.2000	ug/L
23-May-90	Reagent Blank	ND	0.2000	0.2000	ug/L
24-May-90	Reagent Blank	ND	0.2000	0.2000	ug/L

Total Number of Blanks = 12 Concentration Range NC
Total Number above Detection Limit = 0 Maximum Detection Limit = 0.20

Date	Type of Blank	Detection Flag	Result	Detection Limit	Units
Method: Aromatics by EPA 602					
Analyte: Chlorobenzene					
22-Apr-90	Reagent Blank	ND	0.2000	0.2000	ug/L
28-Apr-90	Reagent Blank	ND	0.2000	0.2000	ug/L
01-May-90	Reagent Blank	ND	0.2000	0.2000	ug/L
02-May-90	Reagent Blank	ND	0.2000	0.2000	ug/L
03-May-90	Reagent Blank	ND	0.2000	0.2000	ug/L
04-May-90	Reagent Blank	ND	0.2000	0.2000	ug/L
05-May-90	Reagent Blank	ND	0.2000	0.2000	ug/L
06-May-90	Reagent Blank	ND	0.2000	0.2000	ug/L
16-May-90	Reagent Blank	ND	0.2000	0.2000	ug/L
22-May-90	Reagent Blank	ND	0.2000	0.2000	ug/L
23-May-90	Reagent Blank	ND	0.2000	0.2000	ug/L
24-May-90	Reagent Blank	ND	0.2000	0.2000	ug/L

Total Number of Blanks = 12 Concentration Range NC
Total Number above Detection Limit = 0 Maximum Detection Limit = 0.20

TABLE 2. DETAILED LISTING OF BLANK RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Blank Results for Matrix = Laboratory Water

Date	Type of Blank	Detection Flag	Result	Detection Limit	Units
Method: Aromatics by EPA 602					
Analyte: Ethylbenzene					
22-Apr-90	Reagent Blank	ND	0.2000	0.2000	ug/L
28-Apr-90	Reagent Blank	ND	0.2000	0.2000	ug/L
01-May-90	Reagent Blank	ND	0.2000	0.2000	ug/L
02-May-90	Reagent Blank	ND	0.2000	0.2000	ug/L
03-May-90	Reagent Blank	ND	0.2000	0.2000	ug/L
04-May-90	Reagent Blank	ND	0.2000	0.2000	ug/L
05-May-90	Reagent Blank	ND	0.2000	0.2000	ug/L
06-May-90	Reagent Blank	ND	0.2000	0.2000	ug/L
16-May-90	Reagent Blank	ND	0.2000	0.2000	ug/L
22-May-90	Reagent Blank	ND	0.2000	0.2000	ug/L
23-May-90	Reagent Blank	ND	0.2000	0.2000	ug/L
24-May-90	Reagent Blank	ND	0.2000	0.2000	ug/L

Total Number of Blanks = 12 Concentration Range NC
Total Number above Detection Limit = 0 Maximum Detection Limit = 0.20

Date	Type of Blank	Detection Flag	Result	Detection Limit	Units
Method: Aromatics by EPA 602					
Analyte: Toluene					
22-Apr-90	Reagent Blank	ND	0.2000	0.2000	ug/L
28-Apr-90	Reagent Blank	ND	0.2000	0.2000	ug/L
01-May-90	Reagent Blank	ND	0.2000	0.2000	ug/L
02-May-90	Reagent Blank	ND	0.2000	0.2000	ug/L
03-May-90	Reagent Blank	ND	0.2000	0.2000	ug/L
04-May-90	Reagent Blank	ND	0.2000	0.2000	ug/L
05-May-90	Reagent Blank	ND	0.2000	0.2000	ug/L
06-May-90	Reagent Blank	ND	0.2000	0.2000	ug/L
16-May-90	Reagent Blank	ND	0.2000	0.2000	ug/L
22-May-90	Reagent Blank	ND	0.2000	0.2000	ug/L
23-May-90	Reagent Blank	ND	0.2000	0.2000	ug/L
24-May-90	Reagent Blank	ND	0.2000	0.2000	ug/L

Total Number of Blanks = 12 Concentration Range NC
Total Number above Detection Limit = 0 Maximum Detection Limit = 0.20

TABLE 2. DETAILED LISTING OF BLANK RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Blank Results for Matrix = Laboratory Water

Date	Type of Blank	Detection Flag	Result	Detection Limit	Units
Method: Aromatics by EPA 602					
Analyte: Xylenes (total)					
22-Apr-90	Reagent Blank	ND	0.2000	0.2000	ug/L
28-Apr-90	Reagent Blank	ND	0.2000	0.2000	ug/L
01-May-90	Reagent Blank	ND	0.2000	0.2000	ug/L
02-May-90	Reagent Blank	ND	0.2000	0.2000	ug/L
03-May-90	Reagent Blank	ND	0.2000	0.2000	ug/L
04-May-90	Reagent Blank	ND	0.2000	0.2000	ug/L
05-May-90	Reagent Blank	ND	0.2000	0.2000	ug/L
06-May-90	Reagent Blank	ND	0.2000	0.2000	ug/L
16-May-90	Reagent Blank	ND	0.2000	0.2000	ug/L
22-May-90	Reagent Blank	ND	0.2000	0.2000	ug/L
23-May-90	Reagent Blank	ND	0.2000	0.2000	ug/L
24-May-90	Reagent Blank	ND	0.2000	0.2000	ug/L

Total Number of Blanks = 12 Concentration Range NC

Total Number above Detection Limit = 0 Maximum Detection Limit = 0.20

Method: Arsenic by SW7060					
Analyte: Arsenic					
03-May-90	Calibration	ND	0.0040	0.0040	mg/L
10-May-90	Calibration	ND	0.0040	0.0040	mg/L
14-May-90	Calibration	ND	0.0040	0.0040	mg/L
16-May-90	Calibration	ND	0.0040	0.0040	mg/L
17-May-90	Calibration	ND	0.0040	0.0040	mg/L
18-May-90	Calibration	ND	0.0040	0.0040	mg/L
22-May-90	Calibration	ND	0.0040	0.0040	mg/L
30-May-90	Calibration	ND	0.0040	0.0040	mg/L
31-May-90	Calibration	ND	0.0040	0.0040	mg/L
02-Jun-90	Calibration	ND	0.0040	0.0040	mg/L
08-Jun-90	Calibration	ND	0.0040	0.0040	mg/L
03-May-90	Initial Calibration Blank	ND	0.0040	0.0040	mg/L
16-May-90	Initial Calibration Blank	ND	0.0040	0.0040	mg/L
17-May-90	Initial Calibration Blank	ND	0.0040	0.0040	mg/L
18-May-90	Initial Calibration Blank	ND	0.0040	0.0040	mg/L
22-May-90	Initial Calibration Blank	ND	0.0040	0.0040	mg/L
30-May-90	Initial Calibration Blank	ND	0.0040	0.0040	mg/L
31-May-90	Initial Calibration Blank	ND	0.0040	0.0040	mg/L

Compiled: 9 April 1991

TABLE 2. DETAILED LISTING OF BLANK RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Blank Results for Matrix = Laboratory Water

Date	Type of Blank	Detection Flag	Result	Detection Limit	Units
Analysis for Arsenic by SW7060					
Analyte: Arsenic continued					
02-Jun-90	Initial Calibration Blank	ND	0.0040	0.0040	mg/L
08-Jun-90	Initial Calibration Blank	ND	0.0040	0.0040	mg/L
03-May-90	Method Blank	ND	0.0040	0.0040	mg/L
10-May-90	Method Blank	ND	0.0040	0.0040	mg/L
14-May-90	Method Blank	NO	0.0040	0.0040	mg/L
17-May-90	Method Blank	ND	0.0040	0.0040	mg/L
18-May-90	Method Blank	NO	0.0040	0.0040	mg/L
30-May-90	Method Blank	ND	0.0040	0.0040	mg/L
31-May-90	Method Blank	ND	0.0040	0.0040	mg/L
02-Jun-90	Method Blank	ND	0.0040	0.0040	mg/L
08-Jun-90	Method Blank	ND	0.0040	0.0040	mg/L
03-May-90	Preparation	ND	0.0040	0.0040	mg/L
16-May-90	Preparation	NO	0.0040	0.0040	mg/L
30-May-90	Preparation	NO	0.0040	0.0040	mg/L
31-May-90	Preparation	NO	0.0040	0.0040	mg/L
02-Jun-90	Preparation	NO	0.0040	0.0040	mg/L
08-Jun-90	Preparation	ND	0.0040	0.0040	mg/L

Total Number of Blanks = 35 Concentration Range NC

Total Number above Detection Limit = 0 Maximum Detection Limit = 0.0040

Method: Chloride, by titration					
Analyte: Chloride					
10-May-90	Initial Calibration Blank	ND	1.0000	1.0000	mg/L
01-May-90	Method Blank	<5X	1.5000	1.0000	mg/L
10-May-90	Method Blank	<5X	1.4000	1.0000	mg/L
10-May-90	Method Blank	ND	1.0000	1.0000	mg/L
15-May-90	Method Blank	ND	1.0000	1.0000	mg/L
22-May-90	Method Blank	ND	1.0000	1.0000	mg/L
25-May-90	Method Blank	ND	1.0000	1.0000	mg/L
01-May-90	Preparation	*	1.4800	0.0100	mg/L
10-May-90	Preparation	ND	1.0000	1.0000	mg/L
22-May-90	Preparation	<5X	1.4400	1.0000	mg/L
22-May-90	Preparation	ND	1.0000	1.0000	mg/L
25-May-90	Preparation	ND	1.0000	1.0000	mg/L

Compiled: 9 April 1991

TABLE 2. DETAILED LISTING OF BLANK RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Blank Results for Matrix = Laboratory Water

Date	Type of Blank	Detection Flag	Result	Detection Limit	Units
Analysis for Chloride, by titration					
Analyte: Chloride continued					
Total Number of Blanks = 12			Concentration Range	1.400 - 1.5	
Total Number above Detection Limit = 4			Maximum Detection Limit = 1.0		
Method: Fluoride by EPA 340.2					
Analyte: Fluoride					
15-May-90	Calibration	ND	0.1000	0.1000	mg/L
16-May-90	Calibration	ND	0.1000	0.1000	mg/L
15-May-90	Initial Calibration Blank	ND	0.1000	0.1000	mg/L
16-May-90	Initial Calibration Blank	ND	0.1000	0.1000	mg/L
03-May-90	Method Blank	ND	0.1000	0.1000	mg/L
09-May-90	Method Blank	ND	0.1000	0.1000	mg/L
15-May-90	Method Blank	ND	0.1000	0.1000	mg/L
16-May-90	Method Blank	ND	0.1000	0.1000	mg/L
03-May-90	Preparation	ND	0.1000	0.1000	mg/L
15-May-90	Preparation	ND	0.1000	0.1000	mg/L
16-May-90	Preparation	ND	0.1000	0.1000	mg/L
Total Number of Blanks = 11			Concentration Range	NC	
Total Number above Detection Limit = 0			Maximum Detection Limit = 0.10		
Method: Hydrocarbons, total E418.1					
Analyte: Hydrocarbons					
04-May-90	Method Blank	ND	0.4000	0.4000	mg/L
07-May-90	Method Blank	ND	0.4000	0.4000	mg/L
18-May-90	Method Blank	ND	0.4000	0.4000	mg/L
24-May-90	Method Blank	ND	0.4000	0.4000	mg/L
24-May-90	Preparation	ND	0.4000	0.4000	mg/L
Total Number of Blanks = 5			Concentration Range	NC	
Total Number above Detection Limit = 0			Maximum Detection Limit = 0.40		

TABLE 2. DETAILED LISTING OF BLANK RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Blank Results for Matrix = Laboratory Water

Date	Type of Blank	Detection Flag	Result	Detection Limit	Units
Method: Mercury by cold vapor					
Analyte: Mercury					
02-May-90	Calibration	NO	0.0002	0.0002	mg/L
08-May-90	Calibration	NO	0.0002	0.0002	mg/L
09-May-90	Calibration	NO	0.0002	0.0002	mg/L
11-May-90	Calibration	NO	0.0002	0.0002	mg/L
12-May-90	Calibration	NO	0.0002	0.0002	mg/L
14-May-90	Calibration	NO	0.0002	0.0002	mg/L
15-May-90	Calibration	NO	0.0002	0.0002	mg/L
16-May-90	Calibration	NO	0.0002	0.0002	mg/L
17-May-90	Calibration	NO	0.0002	0.0002	mg/L
21-May-90	Calibration	NO	0.0002	0.0002	mg/L
24-May-90	Calibration	NO	0.0002	0.0002	mg/L
28-May-90	Calibration	NO	0.0002	0.0002	mg/L
02-May-90	Initial Calibration Blank	NO	0.0002	0.0002	mg/L
11-May-90	Initial Calibration Blank	NO	0.0002	0.0002	mg/L
14-May-90	Initial Calibration Blank	NO	0.0002	0.0002	mg/L
16-May-90	Initial Calibration Blank	NO	0.0002	0.0002	mg/L
17-May-90	Initial Calibration Blank	NO	0.0002	0.0002	mg/L
21-May-90	Initial Calibration Blank	NO	0.0002	0.0002	mg/L
24-May-90	Initial Calibration Blank	NO	0.0002	0.0002	mg/L
28-May-90	Initial Calibration Blank	NO	0.0002	0.0002	mg/L
02-May-90	Method Blank	NO	0.0002	0.0002	mg/L
04-May-90	Method Blank	NO	0.0002	0.0002	mg/L
08-May-90	Method Blank	NO	0.0002	0.0002	mg/L
09-May-90	Method Blank	NO	0.0002	0.0002	mg/L
11-May-90	Method Blank	NO	0.0002	0.0002	mg/L
12-May-90	Method Blank	NO	0.0002	0.0002	mg/L
14-May-90	Method Blank	NO	0.0002	0.0002	mg/L
15-May-90	Method Blank	NO	0.0002	0.0002	mg/L
16-May-90	Method Blank	NO	0.0002	0.0002	mg/L
17-May-90	Method Blank	NO	0.0002	0.0002	mg/L
21-May-90	Method Blank	NO	0.0002	0.0002	mg/L
24-May-90	Method Blank	NO	0.0002	0.0002	mg/L
28-May-90	Method Blank	NO	0.0002	0.0002	mg/L
11-May-90	Preparation	NO	0.0002	0.0002	mg/L
24-May-90	Preparation	NO	0.0002	0.0002	mg/L

Total Number of Blanks = 35 Concentration Range NC

Total Number above Detection Limit = 0 Maximum Detection Limit = 0.00020

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TABLE 2. DETAILED LISTING OF BLANK RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Blank Results for Matrix = Laboratory Water

Method: ICP 25 element scan
Analyte: Aluminum

Date	Type of Blank	Detection Flag	Result	Detection Limit	Units
02-May-90	Calibration	ND	0.2000	0.2000	mg/L
03-May-90	Calibration	ND	0.2000	0.2000	mg/L
07-May-90	Calibration	ND	0.2000	0.2000	mg/L
11-May-90	Calibration	ND	0.2000	0.2000	mg/L
14-May-90	Calibration	ND	0.2000	0.2000	mg/L
15-May-90	Calibration	ND	0.2000	0.2000	mg/L
16-May-90	Calibration	ND	0.2000	0.2000	mg/L
18-May-90	Calibration	ND	0.2000	0.2000	mg/L
21-May-90	Calibration	ND	0.2000	0.2000	mg/L
29-May-90	Calibration	ND	0.2000	0.2000	mg/L
30-May-90	Calibration	ND	0.2000	0.2000	mg/L
01-Jun-90	Calibration	ND	0.2000	0.2000	mg/L
02-May-90	Initial Calibration Blank	ND	0.2000	0.2000	mg/L
07-May-90	Initial Calibration Blank	ND	0.2000	0.2000	mg/L
14-May-90	Initial Calibration Blank	ND	0.2000	0.2000	mg/L
18-May-90	Initial Calibration Blank	ND	0.2000	0.2000	mg/L
29-May-90	Initial Calibration Blank	ND	0.2000	0.2000	mg/L
30-May-90	Initial Calibration Blank	ND	0.2000	0.2000	mg/L
01-Jun-90	Initial Calibration Blank	ND	0.2000	0.2000	mg/L
02-May-90	Method Blank	ND	0.2000	0.2000	mg/L
03-May-90	Method Blank	ND	0.2000	0.2000	mg/L
07-May-90	Method Blank	ND	0.2000	0.2000	mg/L
11-May-90	Method Blank	ND	0.2000	0.2000	mg/L
14-May-90	Method Blank	ND	0.2000	0.2000	mg/L
15-May-90	Method Blank	ND	0.2000	0.2000	mg/L
16-May-90	Method Blank	ND	0.2000	0.2000	mg/L
18-May-90	Method Blank	ND	0.2000	0.2000	mg/L
29-May-90	Method Blank	ND	0.2000	0.2000	mg/L
30-May-90	Method Blank	ND	0.2000	0.2000	mg/L
01-Jun-90	Method Blank	<5X	0.5300	0.2000	mg/L
02-May-90	Preparation	ND	0.2000	0.2000	mg/L
07-May-90	Preparation	ND	0.2000	0.2000	mg/L
11-May-90	Preparation	ND	0.2000	0.2000	mg/L
18-May-90	Preparation	ND	0.2000	0.2000	mg/L
29-May-90	Preparation	ND	0.2000	0.2000	mg/L
01-Jun-90	Preparation	*	0.5300	0.2000	mg/L

Total Number of Blanks = 36
Total Number above Detection Limit = 2

Concentration Range 0.530 - 0.53
Maximum Detection Limit = 0.20

Compiled: 9 April 1991

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TABLE 2. DETAILED LISTING OF BLANK RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Blank Results for Matrix = Laboratory Water

Analysis for ICP 25 element scan
Analyte: Aluminum continued

Method: ICP 25 element scan
Analyte: Antimony

Date	Type of Blank	Detection Flag	Result	Detection Limit	Units
02-May-90	Calibration	ND	0.2000	0.2000	mg/L
03-May-90	Calibration	ND	0.2000	0.2000	mg/L
07-May-90	Calibration	ND	0.2000	0.2000	mg/L
11-May-90	Calibration	ND	0.2000	0.2000	mg/L
14-May-90	Calibration	NO	0.2000	0.2000	mg/L
15-May-90	Calibration	ND	0.2000	0.2000	mg/L
16-May-90	Calibration	ND	0.2000	0.2000	mg/L
18-May-90	Calibration	ND	0.1000	0.1000	mg/L
21-May-90	Calibration	ND	0.1000	0.1000	mg/L
29-May-90	Calibration	ND	0.1000	0.1000	mg/L
30-May-90	Calibration	ND	0.1000	0.1000	mg/L
01-Jun-90	Calibration	ND	0.1000	0.1000	mg/L
02-May-90	Initial Calibration Blank	ND	0.2000	0.2000	mg/L
14-May-90	Initial Calibration Blank	NO	0.2000	0.2000	mg/L
18-May-90	Initial Calibration Blank	NO	0.1000	0.1000	mg/L
29-May-90	Initial Calibration Blank	ND	0.1000	0.1000	mg/L
30-May-90	Initial Calibration Blank	ND	0.1000	0.1000	mg/L
01-Jun-90	Initial Calibration Blank	ND	0.1000	0.1000	mg/L
02-May-90	Method Blank	ND	0.1000	0.1000	mg/L
03-May-90	Method Blank	ND	0.1000	0.1000	mg/L
07-May-90	Method Blank	ND	0.1000	0.1000	mg/L
11-May-90	Method Blank	ND	0.1000	0.1000	mg/L
14-May-90	Method Blank	ND	0.1000	0.1000	mg/L
15-May-90	Method Blank	ND	0.1000	0.1000	mg/L
16-May-90	Method Blank	ND	0.1000	0.1000	mg/L
18-May-90	Method Blank	ND	0.1000	0.1000	mg/L
29-May-90	Method Blank	ND	0.1000	0.1000	mg/L
30-May-90	Method Blank	ND	0.1000	0.1000	mg/L
01-Jun-90	Method Blank	ND	0.1000	0.1000	mg/L
02-May-90	Preparation	ND	0.2000	0.2000	mg/L
11-May-90	Preparation	ND	0.2000	0.2000	mg/L
18-May-90	Preparation	ND	0.1000	0.1000	mg/L
29-May-90	Preparation	ND	0.1000	0.1000	mg/L
01-Jun-90	Preparation	ND	0.1000	0.1000	mg/L

Compiled: 9 April 1991

TABLE 2. DETAILED LISTING OF BLANK RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Blank Results for Matrix = Laboratory Water

Analysis for ICP 25 element scan
Analyte: Antimony continued

Total Number of Blanks = 34
Total Number above Detection Limit = 0

Concentration Range NC
Maximum Detection Limit = 0.20

Method: ICP 25 element scan
Analyte: Arsenic

Date	Type of Blank	Detection Flag	Result	Detection Limit	Units
02-May-90	Calibration	ND	0.3000	0.3000	mg/L
03-May-90	Calibration	ND	0.3000	0.3000	mg/L
07-May-90	Calibration	ND	0.3000	0.3000	mg/L
11-May-90	Calibration	ND	0.3000	0.3000	mg/L
14-May-90	Calibration	ND	0.3000	0.3000	mg/L
15-May-90	Calibration	ND	0.3000	0.3000	mg/L
16-May-90	Calibration	ND	0.3000	0.3000	mg/L
18-May-90	Calibration	ND	0.3000	0.3000	mg/L
21-May-90	Calibration	ND	0.3000	0.3000	mg/L
29-May-90	Calibration	ND	0.3000	0.3000	mg/L
30-May-90	Calibration	ND	0.3000	0.3000	mg/L
01-Jun-90	Calibration	ND	0.3000	0.3000	mg/L
02-May-90	Initial Calibration Blank	ND	0.3000	0.3000	mg/L
14-May-90	Initial Calibration Blank	ND	0.3000	0.3000	mg/L
18-May-90	Initial Calibration Blank	ND	0.3000	0.3000	mg/L
29-May-90	Initial Calibration Blank	ND	0.3000	0.3000	mg/L
30-May-90	Initial Calibration Blank	ND	0.3000	0.3000	mg/L
01-Jun-90	Initial Calibration Blank	ND	0.3000	0.3000	mg/L
02-May-90	Method Blank	ND	0.3000	0.3000	mg/L
03-May-90	Method Blank	ND	0.3000	0.3000	mg/L
07-May-90	Method Blank	ND	0.3000	0.3000	mg/L
11-May-90	Method Blank	ND	0.3000	0.3000	mg/L
14-May-90	Method Blank	ND	0.3000	0.3000	mg/L
15-May-90	Method Blank	ND	0.3000	0.3000	mg/L
16-May-90	Method Blank	ND	0.3000	0.3000	mg/L
18-May-90	Method Blank	ND	0.3000	0.3000	mg/L
29-May-90	Method Blank	ND	0.3000	0.3000	mg/L
30-May-90	Method Blank	ND	0.3000	0.3000	mg/L
01-Jun-90	Method Blank	ND	0.3000	0.3000	mg/L
02-May-90	Preparation	ND	0.3000	0.3000	mg/L
11-May-90	Preparation	ND	0.3000	0.3000	mg/L

Compiled: 9 April 1991

TABLE 2. DETAILED LISTING OF BLANK RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Blank Results for Matrix = Laboratory Water

Date	Type of Blank	Detection Flag	Result	Detection Limit	Units
Analysis for ICP 25 element scan					
Analyte: Arsenic continued					
18-May-90	Preparation	ND	0.3000	0.3000	mg/L
29-May-90	Preparation	ND	0.3000	0.3000	mg/L
01-Jun-90	Preparation	ND	0.3000	0.3000	mg/L

Total Number of Blanks = 34 Concentration Range NC

Total Number above Detection Limit = 0 Maximum Detection Limit = 0.30

Method: ICP 25 element scan

Analyte: Barium

02-May-90	Calibration	ND	0.0100	0.0100	mg/L
03-May-90	Calibration	ND	0.0100	0.0100	mg/L
07-May-90	Calibration	ND	0.0100	0.0100	mg/L
11-May-90	Calibration	ND	0.0100	0.0100	mg/L
14-May-90	Calibration	ND	0.0100	0.0100	mg/L
15-May-90	Calibration	ND	0.0100	0.0100	mg/L
16-May-90	Calibration	ND	0.0100	0.0100	mg/L
18-May-90	Calibration	ND	0.0100	0.0100	mg/L
21-May-90	Calibration	ND	0.0100	0.0100	mg/L
29-May-90	Calibration	ND	0.0100	0.0100	mg/L
30-May-90	Calibration	ND	0.0100	0.0100	mg/L
01-Jun-90	Calibration	ND	0.1000	0.1000	mg/L
02-May-90	Initial Calibration Blank	ND	0.6000	0.6000	mg/L
14-May-90	Initial Calibration Blank	ND	0.0100	0.0100	mg/L
18-May-90	Initial Calibration Blank	ND	0.0100	0.0100	mg/L
29-May-90	Initial Calibration Blank	ND	0.0100	0.0100	mg/L
30-May-90	Initial Calibration Blank	ND	0.0100	0.0100	mg/L
01-Jun-90	Initial Calibration Blank	ND	0.1000	0.1000	mg/L
02-May-90	Method Blank	ND	0.0100	0.0100	mg/L
03-May-90	Method Blank	ND	0.0100	0.0100	mg/L
07-May-90	Method Blank	ND	0.0100	0.0100	mg/L
11-May-90	Method Blank	ND	0.0100	0.0100	mg/L
14-May-90	Method Blank	ND	0.0100	0.0100	mg/L
15-May-90	Method Blank	ND	0.0100	0.0100	mg/L
16-May-90	Method Blank	ND	0.0100	0.0100	mg/L
18-May-90	Method Blank	ND	0.0100	0.0100	mg/L
29-May-90	Method Blank	ND	0.0100	0.0100	mg/L
30-May-90	Method Blank	ND	0.0100	0.0100	mg/L

Compiled: 9 April 1991

TABLE 2. DETAILED LISTING OF BLANK RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Blank Results for Matrix = Laboratory Water

Date	Type of Blank	Detection Flag	Result	Detection Limit	Units
Analysis for ICP 25 element scan					
Analyte: Barium continued					
01-Jun-90	Method Blank	ND	0.0100	0.0100	mg/L
02-May-90	Preparation	ND	0.6000	0.6000	mg/L
11-May-90	Preparation	ND	0.0100	0.0100	mg/L
18-May-90	Preparation	ND	0.0100	0.0100	mg/L
29-May-90	Preparation	ND	0.0100	0.0100	mg/L
01-Jun-90	Preparation	ND	0.1000	0.1000	mg/L

Total Number of Blanks = 34 Concentration Range NC

Total Number above Detection Limit = 0 Maximum Detection Limit = 0.60

Method: ICP 25 element scan					
Analyte: Beryllium					
02-May-90	Calibration	ND	0.0020	0.0020	mg/L
03-May-90	Calibration	ND	0.0020	0.0020	mg/L
07-May-90	Calibration	ND	0.0020	0.0020	mg/L
11-May-90	Calibration	ND	0.0020	0.0020	mg/L
14-May-90	Calibration	ND	0.0020	0.0020	mg/L
15-May-90	Calibration	ND	0.0020	0.0020	mg/L
16-May-90	Calibration	ND	0.0020	0.0020	mg/L
18-May-90	Calibration	ND	0.0020	0.0020	mg/L
21-May-90	Calibration	<5X	0.0023	0.0020	mg/L
21-May-90	Calibration	ND	0.0020	0.0020	mg/L
29-May-90	Calibration	ND	0.0020	0.0020	mg/L
30-May-90	Calibration	ND	0.0020	0.0020	mg/L
01-Jun-90	Calibration	ND	0.0020	0.0020	mg/L
02-May-90	Initial Calibration Blank	ND	0.0020	0.0020	mg/L
14-May-90	Initial Calibration Blank	ND	0.0020	0.0020	mg/L
18-May-90	Initial Calibration Blank	ND	0.0020	0.0020	mg/L
29-May-90	Initial Calibration Blank	ND	0.0020	0.0020	mg/L
30-May-90	Initial Calibration Blank	ND	0.0020	0.0020	mg/L
01-Jun-90	Initial Calibration Blank	ND	0.0020	0.0020	mg/L
02-May-90	Method Blank	ND	0.0020	0.0020	mg/L
03-May-90	Method Blank	ND	0.0020	0.0020	mg/L
07-May-90	Method Blank	ND	0.0020	0.0020	mg/L
11-May-90	Method Blank	ND	0.0020	0.0020	mg/L
14-May-90	Method Blank	ND	0.0020	0.0020	mg/L
15-May-90	Method Blank	ND	0.0020	0.0020	mg/L

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TABLE 2. DETAILED LISTING OF BLANK RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Blank Results for Matrix = Laboratory Water

Date	Type of Blank	Detection Flag	Result	Detection Limit	Units
Analysis for ICP 25 element scan					
Analyte: Beryllium continued					
16-May-90	Method Blank	ND	0.0020	0.0020	mg/L
18-May-90	Method Blank	ND	0.0020	0.0020	mg/L
29-May-90	Method Blank	ND	0.0020	0.0020	mg/L
30-May-90	Method Blank	ND	0.0020	0.0020	mg/L
01-Jun-90	Method Blank	ND	0.0020	0.0020	mg/L
02-May-90	Preparation	ND	0.0020	0.0020	mg/L
11-May-90	Preparation	ND	0.0020	0.0020	mg/L
18-May-90	Preparation	ND	0.0020	0.0020	mg/L
29-May-90	Preparation	ND	0.0020	0.0020	mg/L
01-Jun-90	Preparation	ND	0.0020	0.0020	mg/L

Total Number of Blanks = 35 Concentration Range 0.0023 - 0.0023
Total Number above Detection Limit = 1 Maximum Detection Limit = 0.0020

Method: ICP 25 element scan
Analyte: Boron

02-May-90	Calibration	ND	0.6000	0.6000	mg/L
03-May-90	Calibration	ND	0.6000	0.6000	mg/L
07-May-90	Calibration	ND	0.6000	0.6000	mg/L
11-May-90	Calibration	ND	0.6000	0.6000	mg/L
14-May-90	Calibration	ND	0.6000	0.6000	mg/L
15-May-90	Calibration	ND	0.6000	0.6000	mg/L
16-May-90	Calibration	ND	0.6000	0.6000	mg/L
18-May-90	Calibration	ND	0.6000	0.6000	mg/L
21-May-90	Calibration	ND	0.6000	0.6000	mg/L
29-May-90	Calibration	ND	0.6000	0.6000	mg/L
30-May-90	Calibration	ND	0.6000	0.6000	mg/L
01-Jun-90	Calibration	ND	0.6000	0.6000	mg/L
02-May-90	Initial Calibration Blank	ND	0.6000	0.6000	mg/L
14-May-90	Initial Calibration Blank	ND	0.6000	0.6000	mg/L
18-May-90	Initial Calibration Blank	ND	0.6000	0.6000	mg/L
29-May-90	Initial Calibration Blank	ND	0.6000	0.6000	mg/L
30-May-90	Initial Calibration Blank	ND	0.6000	0.6000	mg/L
01-Jun-90	Initial Calibration Blank	ND	0.6000	0.6000	mg/L
02-May-90	Method Blank	ND	0.6000	0.6000	mg/L
03-May-90	Method Blank	ND	0.6000	0.6000	mg/L
07-May-90	Method Blank	ND	0.6000	0.6000	mg/L

Compiled: 9 April 1991

TABLE 2. DETAILED LISTING OF BLANK RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Blank Results for Matrix = Laboratory Water

Date	Type of Blank	Detection Flag	Result	Detection Limit	Units
Analysis for ICP 25 element scan					
Analyte: Boron continued					
11-May-90	Method Blank	ND	0.6000	0.6000	mg/L
14-May-90	Method Blank	ND	0.6000	0.6000	mg/L
15-May-90	Method Blank	ND	0.6000	0.6000	mg/L
16-May-90	Method Blank	ND	0.6000	0.6000	mg/L
18-May-90	Method Blank	ND	0.6000	0.6000	mg/L
29-May-90	Method Blank	ND	0.6000	0.6000	mg/L
30-May-90	Method Blank	ND	0.6000	0.6000	mg/L
01-Jun-90	Method Blank	ND	0.6000	0.6000	mg/L
02-May-90	Preparation	ND	0.6000	0.6000	mg/L
11-May-90	Preparation	ND	0.6000	0.6000	mg/L
18-May-90	Preparation	ND	0.6000	0.6000	mg/L
29-May-90	Preparation	ND	0.6000	0.6000	mg/L
01-Jun-90	Preparation	ND	0.6000	0.6000	mg/L

Total Number of Blanks = 34 Concentration Range NC

Total Number above Detection Limit = 0 Maximum Detection Limit = 0.60

Method: ICP 25 element scan

Analyte: Cadmium

02-May-90	Calibration	ND	0.0050	0.0050	mg/L
03-May-90	Calibration	ND	0.0050	0.0050	mg/L
07-May-90	Calibration	ND	0.0050	0.0050	mg/L
11-May-90	Calibration	ND	0.0050	0.0050	mg/L
14-May-90	Calibration	ND	0.0050	0.0050	mg/L
15-May-90	Calibration	ND	0.0050	0.0050	mg/L
16-May-90	Calibration	ND	0.0050	0.0050	mg/L
18-May-90	Calibration	ND	0.0050	0.0050	mg/L
21-May-90	Calibration	ND	0.0050	0.0050	mg/L
29-May-90	Calibration	ND	0.0050	0.0050	mg/L
30-May-90	Calibration	ND	0.0050	0.0050	mg/L
01-Jun-90	Calibration	ND	0.0050	0.0050	mg/L
02-May-90	Initial Calibration Blank	ND	0.0050	0.0050	mg/L
14-May-90	Initial Calibration Blank	ND	0.0050	0.0050	mg/L
18-May-90	Initial Calibration Blank	ND	0.0050	0.0050	mg/L
29-May-90	Initial Calibration Blank	ND	0.0050	0.0050	mg/L
30-May-90	Initial Calibration Blank	ND	0.0050	0.0050	mg/L
01-Jun-90	Initial Calibration Blank	ND	0.0050	0.0050	mg/L

Compiled: 9 April 1991

TABLE 2. DETAILED LISTING OF BLANK RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Blank Results for Matrix = Laboratory Water

Date	Type of Blank	Detection Flag	Result	Detection Limit	Units
Analysis for ICP 25 element scan Analyte: Cadmium continued					
02-May-90	Method Blank	ND	0.0050	0.0050	mg/L
03-May-90	Method Blank	ND	0.0050	0.0050	mg/L
07-May-90	Method Blank	ND	0.0050	0.0050	mg/L
11-May-90	Method Blank	ND	0.0050	0.0050	mg/L
14-May-90	Method Blank	ND	0.0050	0.0050	mg/L
15-May-90	Method Blank	ND	0.0050	0.0050	mg/L
16-May-90	Method Blank	ND	0.0050	0.0050	mg/L
18-May-90	Method Blank	ND	0.0050	0.0050	mg/L
29-May-90	Method Blank	ND	0.0050	0.0050	mg/L
30-May-90	Method Blank	ND	0.0050	0.0050	mg/L
01-Jun-90	Method Blank	ND	0.0050	0.0050	mg/L
02-May-90	Preparation	ND	0.0050	0.0050	mg/L
11-May-90	Preparation	ND	0.0050	0.0050	mg/L
18-May-90	Preparation	ND	0.0050	0.0050	mg/L
29-May-90	Preparation	ND	0.0050	0.0050	mg/L
01-Jun-90	Preparation	ND	0.0050	0.0050	mg/L

Total Number of Blanks = 34 Concentration Range NC

Total Number above Detection Limit = 0 Maximum Detection Limit = 0.0050

Method: ICP 25 element scan Analyte: Calcium					
02-May-90	Calibration	ND	1.0000	1.0000	mg/L
03-May-90	Calibration	ND	1.0000	1.0000	mg/L
07-May-90	Calibration	ND	1.0000	1.0000	mg/L
11-May-90	Calibration	ND	1.0000	1.0000	mg/L
14-May-90	Calibration	ND	1.0000	1.0000	mg/L
15-May-90	Calibration	ND	1.0000	1.0000	mg/L
16-May-90	Calibration	ND	1.0000	1.0000	mg/L
18-May-90	Calibration	ND	1.0000	1.0000	mg/L
21-May-90	Calibration	ND	1.0000	1.0000	mg/L
29-May-90	Calibration	ND	1.0000	1.0000	mg/L
30-May-90	Calibration	ND	1.0000	1.0000	mg/L
01-Jun-90	Calibration	ND	1.0000	1.0000	mg/L
02-May-90	Initial Calibration Blank	ND	1.0000	1.0000	mg/L
07-May-90	Initial Calibration Blank	ND	1.0000	1.0000	mg/L
14-May-90	Initial Calibration Blank	ND	1.0000	1.0000	mg/L

Compiled: 9 April 1991

TABLE 2. DETAILED LISTING OF BLANK RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Blank Results for Matrix = Laboratory Water

Date	Type of Blank	Detection Flag	Result	Detection Limit	Units
Analysis for ICP 25 element scan Analyte: Calcium continued					
18-May-90	Initial Calibration Blank	ND	1.0000	1.0000	mg/L
29-May-90	Initial Calibration Blank	ND	1.0000	1.0000	mg/L
30-May-90	Initial Calibration Blank	ND	1.0000	1.0000	mg/L
01-Jun-90	Initial Calibration Blank	ND	1.0000	1.0000	mg/L
02-May-90	Method Blank	ND	1.0000	1.0000	mg/L
03-May-90	Method Blank	ND	1.0000	1.0000	mg/L
07-May-90	Method Blank	ND	1.0000	1.0000	mg/L
11-May-90	Method Blank	ND	1.0000	1.0000	mg/L
14-May-90	Method Blank	ND	1.0000	1.0000	mg/L
15-May-90	Method Blank	ND	1.0000	1.0000	mg/L
16-May-90	Method Blank	ND	1.0000	1.0000	mg/L
18-May-90	Method Blank	ND	1.0000	1.0000	mg/L
29-May-90	Method Blank	ND	1.0000	1.0000	mg/L
30-May-90	Method Blank	ND	1.0000	1.0000	mg/L
01-Jun-90	Method Blank	ND	1.0000	1.0000	mg/L
02-May-90	Preparation	ND	1.0000	1.0000	mg/L
07-May-90	Preparation	ND	1.0000	1.0000	mg/L
11-May-90	Preparation	ND	1.0000	1.0000	mg/L
18-May-90	Preparation	ND	1.0000	1.0000	mg/L
29-May-90	Preparation	ND	1.0000	1.0000	mg/L
01-Jun-90	Preparation	ND	1.0000	1.0000	mg/L

Total Number of Blanks = 36 Concentration Range NC
Total Number above Detection Limit = 0 Maximum Detection Limit = 1.0

Method: ICP 25 element scan
Analyte: Chromium

02-May-90	Calibration	ND	0.0100	0.0100	mg/L
03-May-90	Calibration	ND	0.0100	0.0100	mg/L
07-May-90	Calibration	ND	0.0100	0.0100	mg/L
11-May-90	Calibration	ND	0.0100	0.0100	mg/L
14-May-90	Calibration	ND	0.0100	0.0100	mg/L
15-May-90	Calibration	ND	0.0100	0.0100	mg/L
16-May-90	Calibration	ND	0.0100	0.0100	mg/L
18-May-90	Calibration	ND	0.0100	0.0100	mg/L
21-May-90	Calibration	ND	0.0100	0.0100	mg/L
29-May-90	Calibration	ND	0.0100	0.0100	mg/L

Compiled: 9 April 1991

TABLE 2. DETAILED LISTING OF BLANK RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Blank Results for Matrix = Laboratory Water

Date	Type of Blank	Detection Flag	Result	Detection Limit	Units
Analysis for ICP 25 element scan					
Analyte: Chromium continued					
30-May-90	Calibration	ND	0.0100	0.0100	mg/L
01-Jun-90	Calibration	ND	0.0100	0.0100	mg/L
02-May-90	Initial Calibration Blank	ND	0.0100	0.0100	mg/L
14-May-90	Initial Calibration Blank	ND	0.0100	0.0100	mg/L
18-May-90	Initial Calibration Blank	ND	0.0100	0.0100	mg/L
29-May-90	Initial Calibration Blank	ND	0.0100	0.0100	mg/L
30-May-90	Initial Calibration Blank	ND	0.0100	0.0100	mg/L
01-Jun-90	Initial Calibration Blank	ND	0.0100	0.0100	mg/L
02-May-90	Method Blank	ND	0.0100	0.0100	mg/L
03-May-90	Method Blank	ND	0.0100	0.0100	mg/L
07-May-90	Method Blank	ND	0.0100	0.0100	mg/L
11-May-90	Method Blank	ND	0.0100	0.0100	mg/L
14-May-90	Method Blank	ND	0.0100	0.0100	mg/L
15-May-90	Method Blank	ND	0.0100	0.0100	mg/L
16-May-90	Method Blank	ND	0.0100	0.0100	mg/L
18-May-90	Method Blank	ND	0.0100	0.0100	mg/L
29-May-90	Method Blank	ND	0.0100	0.0100	mg/L
30-May-90	Method Blank	ND	0.0100	0.0100	mg/L
01-Jun-90	Method Blank	ND	0.0100	0.0100	mg/L
02-May-90	Preparation	ND	0.0100	0.0100	mg/L
11-May-90	Preparation	ND	0.0100	0.0100	mg/L
18-May-90	Preparation	ND	0.0100	0.0100	mg/L
29-May-90	Preparation	ND	0.0100	0.0100	mg/L
01-Jun-90	Preparation	ND	0.0100	0.0100	mg/L

Total Number of Blanks = 34 Concentration Range NC

Total Number above Detection Limit = 0 Maximum Detection Limit = 0.010

Method: ICP 25 element scan

Analyte: Cobalt

02-May-90	Calibration	ND	0.0100	0.0100	mg/L
03-May-90	Calibration	ND	0.0100	0.0100	mg/L
07-May-90	Calibration	ND	0.0100	0.0100	mg/L
11-May-90	Calibration	ND	0.0100	0.0100	mg/L
14-May-90	Calibration	ND	0.0100	0.0100	mg/L
15-May-90	Calibration	ND	0.0100	0.0100	mg/L
16-May-90	Calibration	ND	0.0100	0.0100	mg/L

Compiled: 9 April 1991

TABLE 2. DETAILED LISTING OF BLANK RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Blank Results for Matrix = Laboratory Water

Date	Type of Blank	Detection Flag	Result	Detection Limit	Units
Analysis for ICP 25 element scan Analyte: Cobalt continued					
18-May-90	Calibration	ND	0.0100	0.0100	mg/L
21-May-90	Calibration	ND	0.0100	0.0100	mg/L
29-May-90	Calibration	ND	0.0100	0.0100	mg/L
30-May-90	Calibration	ND	0.0100	0.0100	mg/L
01-Jun-90	Calibration	ND	0.0100	0.0100	mg/L
02-May-90	Initial Calibration Blank	ND	0.0100	0.0100	mg/L
14-May-90	Initial Calibration Blank	ND	0.0100	0.0100	mg/L
18-May-90	Initial Calibration Blank	ND	0.0100	0.0100	mg/L
29-May-90	Initial Calibration Blank	ND	0.0100	0.0100	mg/L
30-May-90	Initial Calibration Blank	ND	0.0100	0.0100	mg/L
01-Jun-90	Initial Calibration Blank	ND	0.0100	0.0100	mg/L
02-May-90	Method Blank	ND	0.0100	0.0100	mg/L
03-May-90	Method Blank	ND	0.0100	0.0100	mg/L
07-May-90	Method Blank	ND	0.0100	0.0100	mg/L
11-May-90	Method Blank	ND	0.0100	0.0100	mg/L
14-May-90	Method Blank	ND	0.0100	0.0100	mg/L
15-May-90	Method Blank	ND	0.0100	0.0100	mg/L
16-May-90	Method Blank	ND	0.0100	0.0100	mg/L
18-May-90	Method Blank	ND	0.0100	0.0100	mg/L
29-May-90	Method Blank	ND	0.0100	0.0100	mg/L
30-May-90	Method Blank	ND	0.0100	0.0100	mg/L
01-Jun-90	Method Blank	ND	0.0100	0.0100	mg/L
02-May-90	Preparation	ND	0.0100	0.0100	mg/L
11-May-90	Preparation	ND	0.0100	0.0100	mg/L
18-May-90	Preparation	ND	0.0100	0.0100	mg/L
29-May-90	Preparation	ND	0.0100	0.0100	mg/L
01-Jun-90	Preparation	ND	0.0100	0.0100	mg/L

Total Number of Blanks = 34 Concentration Range NC

Total Number above Detection Limit = 0 Maximum Detection Limit = 0.010

Method: ICP 25 element scan

Analyte: Copper

02-May-90	Calibration	ND	0.0200	0.0200	mg/L
03-May-90	Calibration	ND	0.0200	0.0200	mg/L
07-May-90	Calibration	ND	0.0200	0.0200	mg/L
11-May-90	Calibration	ND	0.0200	0.0200	mg/L

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TABLE 2. DETAILED LISTING OF BLANK RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Blank Results for Matrix = Laboratory Water

Date	Type of Blank	Detection Flag	Result	Detection Limit	Units
Analysis for ICP 25 element scan Analyte: Copper continued					
14-May-90	Calibration	ND	0.0200	0.0200	mg/L
15-May-90	Calibration	ND	0.0200	0.0200	mg/L
16-May-90	Calibration	ND	0.0200	0.0200	mg/L
18-May-90	Calibration	ND	0.0200	0.0200	mg/L
21-May-90	Calibration	ND	0.0200	0.0200	mg/L
29-May-90	Calibration	ND	0.0200	0.0200	mg/L
30-May-90	Calibration	ND	0.0200	0.0200	mg/L
01-Jun-90	Calibration	ND	0.0200	0.0200	mg/L
02-May-90	Initial Calibration Blank	ND	0.0200	0.0200	mg/L
14-May-90	Initial Calibration Blank	ND	0.0200	0.0200	mg/L
18-May-90	Initial Calibration Blank	ND	0.0200	0.0200	mg/L
29-May-90	Initial Calibration Blank	ND	0.0200	0.0200	mg/L
30-May-90	Initial Calibration Blank	ND	0.0200	0.0200	mg/L
01-Jun-90	Initial Calibration Blank	ND	0.0200	0.0200	mg/L
02-May-90	Method Blank	ND	0.0200	0.0200	mg/L
03-May-90	Method Blank	ND	0.0200	0.0200	mg/L
07-May-90	Method Blank	ND	0.0200	0.0200	mg/L
11-May-90	Method Blank	ND	0.0200	0.0200	mg/L
14-May-90	Method Blank	ND	0.0200	0.0200	mg/L
15-May-90	Method Blank	ND	0.0200	0.0200	mg/L
16-May-90	Method Blank	ND	0.0200	0.0200	mg/L
18-May-90	Method Blank	ND	0.0200	0.0200	mg/L
29-May-90	Method Blank	<5X	0.0530	0.0200	mg/L
29-May-90	Method Blank	ND	0.0200	0.0200	mg/L
30-May-90	Method Blank	<5X	0.0230	0.0200	mg/L
01-Jun-90	Method Blank	ND	0.0200	0.0200	mg/L
02-May-90	Preparation	ND	0.0200	0.0200	mg/L
11-May-90	Preparation	ND	0.0200	0.0200	mg/L
18-May-90	Preparation	ND	0.0200	0.0200	mg/L
29-May-90	Preparation	ND	0.0200	0.0200	mg/L
01-Jun-90	Preparation	ND	0.0200	0.0200	mg/L

Total Number of Blanks = 35 Concentration Range 0.023 - 0.053

Total Number above Detection Limit = 2 Maximum Detection Limit = 0.020

Compiled: 9 April 1991

TABLE 2. DETAILED LISTING OF BLANK RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Blank Results for Matrix = Laboratory Water

Date	Type of Blank	Detection Flag	Result	Detection Limit	Units
Method: ICP 25 element scan					
Analyte: Iron					
02-May-90	Calibration	ND	0.0400	0.0400	mg/L
03-May-90	Calibration	ND	0.0400	0.0400	mg/L
07-May-90	Calibration	ND	0.0400	0.0400	mg/L
11-May-90	Calibration	ND	0.0400	0.0400	mg/L
14-May-90	Calibration	ND	0.0400	0.0400	mg/L
15-May-90	Calibration	ND	0.0400	0.0400	mg/L
16-May-90	Calibration	ND	0.0400	0.0400	mg/L
18-May-90	Calibration	ND	0.0400	0.0400	mg/L
21-May-90	Calibration	ND	0.0400	0.0400	mg/L
29-May-90	Calibration	ND	0.0400	0.0400	mg/L
30-May-90	Calibration	ND	0.0400	0.0400	mg/L
01-Jun-90	Calibration	ND	0.0400	0.0400	mg/L
02-May-90	Initial Calibration Blank	ND	0.0400	0.0400	mg/L
07-May-90	Initial Calibration Blank	ND	0.0400	0.0400	mg/L
14-May-90	Initial Calibration Blank	ND	0.0400	0.0400	mg/L
18-May-90	Initial Calibration Blank	ND	0.0400	0.0400	mg/L
29-May-90	Initial Calibration Blank	ND	0.0400	0.0400	mg/L
30-May-90	Initial Calibration Blank	ND	0.0400	0.0400	mg/L
01-Jun-90	Initial Calibration Blank	ND	0.0400	0.0400	mg/L
02-May-90	Method Blank	ND	0.0400	0.0400	mg/L
03-May-90	Method Blank	ND	0.0400	0.0400	mg/L
07-May-90	Method Blank	ND	0.0400	0.0400	mg/L
11-May-90	Method Blank	ND	0.0400	0.0400	mg/L
14-May-90	Method Blank	ND	0.0400	0.0400	mg/L
15-May-90	Method Blank	ND	0.0400	0.0400	mg/L
16-May-90	Method Blank	ND	0.0400	0.0400	mg/L
18-May-90	Method Blank	ND	0.0400	0.0400	mg/L
29-May-90	Method Blank	ND	0.0400	0.0400	mg/L
30-May-90	Method Blank	ND	0.0400	0.0400	mg/L
01-Jun-90	Method Blank	ND	0.0400	0.0400	mg/L
02-May-90	Preparation	ND	0.0400	0.0400	mg/L
07-May-90	Preparation	ND	0.0400	0.0400	mg/L
11-May-90	Preparation	ND	0.0400	0.0400	mg/L
18-May-90	Preparation	ND	0.0400	0.0400	mg/L
29-May-90	Preparation	ND	0.0400	0.0400	mg/L
01-Jun-90	Preparation	ND	0.0400	0.0400	mg/L

Total Number of Blanks = 36 Concentration Range NC

Total Number above Detection Limit = 0 Maximum Detection Limit = 0.040

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TABLE 2. DETAILED LISTING OF BLANK RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Blank Results for Matrix = Laboratory Water

Analysis for ICP 25 element scan
Analyte: Iron continued

Method: ICP 25 element scan
Analyte: Lead

Date	Type of Blank	Detection Flag	Result	Detection Limit	Units
02-May-90	Calibration	ND	0.0500	0.0500	mg/L
03-May-90	Calibration	ND	0.0500	0.0500	mg/L
07-May-90	Calibration	ND	0.0500	0.0500	mg/L
11-May-90	Calibration	ND	0.0500	0.0500	mg/L
14-May-90	Calibration	ND	0.0500	0.0500	mg/L
15-May-90	Calibration	ND	0.0500	0.0500	mg/L
16-May-90	Calibration	ND	0.0500	0.0500	mg/L
18-May-90	Calibration	ND	0.0500	0.0500	mg/L
21-May-90	Calibration	ND	0.0500	0.0500	mg/L
29-May-90	Calibration	ND	0.0500	0.0500	mg/L
30-May-90	Calibration	ND	0.0500	0.0500	mg/L
01-Jun-90	Calibration	ND	0.0500	0.0500	mg/L
02-May-90	Initial Calibration Blank	ND	0.0500	0.0500	mg/L
07-May-90	Initial Calibration Blank	ND	0.0500	0.0500	mg/L
14-May-90	Initial Calibration Blank	ND	0.0500	0.0500	mg/L
18-May-90	Initial Calibration Blank	ND	0.0500	0.0500	mg/L
29-May-90	Initial Calibration Blank	ND	0.0500	0.0500	mg/L
30-May-90	Initial Calibration Blank	ND	0.0500	0.0500	mg/L
01-Jun-90	Initial Calibration Blank	ND	0.0500	0.0500	mg/L
02-May-90	Method Blank	ND	0.0500	0.0500	mg/L
03-May-90	Method Blank	ND	0.0500	0.0500	mg/L
07-May-90	Method Blank	ND	0.0500	0.0500	mg/L
11-May-90	Method Blank	ND	0.0500	0.0500	mg/L
14-May-90	Method Blank	ND	0.0500	0.0500	mg/L
15-May-90	Method Blank	ND	0.0500	0.0500	mg/L
16-May-90	Method Blank	ND	0.0500	0.0500	mg/L
18-May-90	Method Blank	ND	0.0500	0.0500	mg/L
29-May-90	Method Blank	ND	0.0500	0.0500	mg/L
30-May-90	Method Blank	ND	0.0500	0.0500	mg/L
01-Jun-90	Method Blank	ND	0.0500	0.0500	mg/L
02-May-90	Preparation	ND	0.0500	0.0500	mg/L
07-May-90	Preparation	ND	0.0500	0.0500	mg/L
11-May-90	Preparation	ND	0.0500	0.0500	mg/L
18-May-90	Preparation	ND	0.0500	0.0500	mg/L

Compiled: 9 April 1991

TABLE 2. DETAILED LISTING OF BLANK RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Blank Results for Matrix = Laboratory Water

Date	Type of Blank	Detection Flag	Result	Detection Limit	Units
Analysis for ICP 25 element scan					
Analyte: Lead continued					
29-May-90	Preparation	ND	0.0500	0.0500	mg/L
01-Jun-90	Preparation	ND	0.0500	0.0500	mg/L

Total Number of Blanks = 36 Concentration Range NC

Total Number above Detection Limit = 0 Maximum Detection Limit = 0.050

Method: ICP 25 element scan

Analyte: Magnesium

02-May-90	Calibration	ND	1.0000	1.0000	mg/L
03-May-90	Calibration	ND	1.0000	1.0000	mg/L
07-May-90	Calibration	ND	1.0000	1.0000	mg/L
11-May-90	Calibration	ND	1.0000	1.0000	mg/L
14-May-90	Calibration	ND	1.0000	1.0000	mg/L
15-May-90	Calibration	ND	1.0000	1.0000	mg/L
16-May-90	Calibration	ND	1.0000	1.0000	mg/L
18-May-90	Calibration	ND	1.0000	1.0000	mg/L
21-May-90	Calibration	ND	1.0000	1.0000	mg/L
29-May-90	Calibration	ND	1.0000	1.0000	mg/L
30-May-90	Calibration	ND	1.0000	1.0000	mg/L
01-Jun-90	Calibration	ND	1.0000	1.0000	mg/L
02-May-90	Initial Calibration Blank	ND	1.0000	1.0000	mg/L
07-May-90	Initial Calibration Blank	ND	1.0000	1.0000	mg/L
14-May-90	Initial Calibration Blank	ND	1.0000	1.0000	mg/L
18-May-90	Initial Calibration Blank	ND	1.0000	1.0000	mg/L
29-May-90	Initial Calibration Blank	ND	1.0000	1.0000	mg/L
30-May-90	Initial Calibration Blank	ND	1.0000	1.0000	mg/L
01-Jun-90	Initial Calibration Blank	ND	1.0000	1.0000	mg/L
02-May-90	Method Blank	ND	1.0000	1.0000	mg/L
03-May-90	Method Blank	ND	1.0000	1.0000	mg/L
07-May-90	Method Blank	ND	1.0000	1.0000	mg/L
11-May-90	Method Blank	ND	1.0000	1.0000	mg/L
14-May-90	Method Blank	ND	1.0000	1.0000	mg/L
15-May-90	Method Blank	ND	1.0000	1.0000	mg/L
16-May-90	Method Blank	ND	1.0000	1.0000	mg/L
18-May-90	Method Blank	ND	1.0000	1.0000	mg/L
29-May-90	Method Blank	ND	1.0000	1.0000	mg/L
30-May-90	Method Blank	ND	1.0000	1.0000	mg/L

Compiled: 9 April 1991

TABLE 2. DETAILED LISTING OF BLANK RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Blank Results for Matrix = Laboratory Water

Date	Type of Blank	Detection Flag	Result	Detection Limit	Units
Analysis for ICP 25 element scan					
Analyte: Magnesium continued					
01-Jun-90	Method Blank	ND	1.0000	1.0000	mg/L
02-May-90	Preparation	ND	1.0000	1.0000	mg/L
07-May-90	Preparation	ND	1.0000	1.0000	mg/L
11-May-90	Preparation	ND	1.0000	1.0000	mg/L
18-May-90	Preparation	ND	1.0000	1.0000	mg/L
29-May-90	Preparation	ND	1.0000	1.0000	mg/L
01-Jun-90	Preparation	ND	1.0000	1.0000	mg/L

Total Number of Blanks = 36 Concentration Range NC

Total Number above Detection Limit = 0 Maximum Detection Limit = 1.0

Method: ICP 25 element scan

Analyte: Manganese

02-May-90	Calibration	ND	0.0100	0.0100	mg/L
03-May-90	Calibration	ND	0.0100	0.0100	mg/L
07-May-90	Calibration	ND	0.0100	0.0100	mg/L
11-May-90	Calibration	ND	0.0100	0.0100	mg/L
14-May-90	Calibration	ND	0.0100	0.0100	mg/L
15-May-90	Calibration	ND	0.0100	0.0100	mg/L
16-May-90	Calibration	ND	0.0100	0.0100	mg/L
18-May-90	Calibration	ND	0.0100	0.0100	mg/L
21-May-90	Calibration	ND	0.0100	0.0100	mg/L
29-May-90	Calibration	ND	0.0100	0.0100	mg/L
30-May-90	Calibration	ND	0.0100	0.0100	mg/L
01-Jun-90	Calibration	ND	0.0100	0.0100	mg/L
02-May-90	Initial Calibration Blank	ND	0.0100	0.0100	mg/L
14-May-90	Initial Calibration Blank	ND	0.0100	0.0100	mg/L
18-May-90	Initial Calibration Blank	ND	0.0100	0.0100	mg/L
29-May-90	Initial Calibration Blank	ND	0.0100	0.0100	mg/L
30-May-90	Initial Calibration Blank	ND	0.0100	0.0100	mg/L
01-Jun-90	Initial Calibration Blank	ND	0.0100	0.0100	mg/L
02-May-90	Method Blank	ND	0.0100	0.0100	mg/L
03-May-90	Method Blank	ND	0.0100	0.0100	mg/L
07-May-90	Method Blank	ND	0.0100	0.0100	mg/L
11-May-90	Method Blank	ND	0.0100	0.0100	mg/L
14-May-90	Method Blank	ND	0.0100	0.0100	mg/L
15-May-90	Method Blank	ND	0.0100	0.0100	mg/L

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TABLE 2. DETAILED LISTING OF BLANK RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Blank Results for Matrix = Laboratory Water

Date	Type of Blank	Detection Flag	Result	Detection Limit	Units
Analysis for ICP 25 element scan					
Analyte: Manganese continued					
16-May-90	Method Blank	ND	0.0100	0.0100	mg/L
18-May-90	Method Blank	ND	0.0100	0.0100	mg/L
29-May-90	Method Blank	ND	0.0100	0.0100	mg/L
30-May-90	Method Blank	ND	0.0100	0.0100	mg/L
01-Jun-90	Method Blank	ND	0.0100	0.0100	mg/L
02-May-90	Preparation	ND	0.0100	0.0100	mg/L
11-May-90	Preparation	ND	0.0100	0.0100	mg/L
18-May-90	Preparation	ND	0.0100	0.0100	mg/L
29-May-90	Preparation	ND	0.0100	0.0100	mg/L
01-Jun-90	Preparation	ND	0.0100	0.0100	mg/L

Total Number of Blanks = 34 Concentration Range NC

Total Number above Detection Limit = 0 Maximum Detection Limit = 0.010

Method: ICP 25 element scan					
Analyte: Molybdenum					
02-May-90	Calibration	ND	0.0500	0.0500	mg/L
03-May-90	Calibration	ND	0.0500	0.0500	mg/L
07-May-90	Calibration	ND	0.0500	0.0500	mg/L
11-May-90	Calibration	ND	0.0500	0.0500	mg/L
14-May-90	Calibration	ND	0.0500	0.0500	mg/L
15-May-90	Calibration	ND	0.0500	0.0500	mg/L
16-May-90	Calibration	ND	0.0500	0.0500	mg/L
18-May-90	Calibration	ND	0.0500	0.0500	mg/L
21-May-90	Calibration	ND	0.0500	0.0500	mg/L
29-May-90	Calibration	ND	0.0500	0.0500	mg/L
30-May-90	Calibration	ND	0.0500	0.0500	mg/L
01-Jun-90	Calibration	ND	0.0500	0.0500	mg/L
02-May-90	Initial Calibration Blank	ND	0.0500	0.0500	mg/L
14-May-90	Initial Calibration Blank	ND	0.0500	0.0500	mg/L
18-May-90	Initial Calibration Blank	ND	0.0500	0.0500	mg/L
29-May-90	Initial Calibration Blank	ND	0.0500	0.0500	mg/L
30-May-90	Initial Calibration Blank	ND	0.0500	0.0500	mg/L
01-Jun-90	Initial Calibration Blank	ND	0.0500	0.0500	mg/L
02-May-90	Method Blank	ND	0.0500	0.0500	mg/L
03-May-90	Method Blank	ND	0.0500	0.0500	mg/L
07-May-90	Method Blank	ND	0.0500	0.0500	mg/L

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TABLE 2. DETAILED LISTING OF BLANK RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Blank Results for Matrix = Laboratory Water

Date	Type of Blank	Detection Flag	Result	Detection Limit	Units
Analysis for ICP 25 element scan					
Analyte: Molybdenum continued					
11-May-90	Method Blank	ND	0.0500	0.0500	mg/L
14-May-90	Method Blank	ND	0.0500	0.0500	mg/L
15-May-90	Method Blank	ND	0.0500	0.0500	mg/L
16-May-90	Method Blank	ND	0.0500	0.0500	mg/L
18-May-90	Method Blank	ND	0.0500	0.0500	mg/L
29-May-90	Method Blank	ND	0.0500	0.0500	mg/L
30-May-90	Method Blank	ND	0.0500	0.0500	mg/L
01-Jun-90	Method Blank	ND	0.0500	0.0500	mg/L
02-May-90	Preparation	ND	0.0500	0.0500	mg/L
11-May-90	Preparation	ND	0.0500	0.0500	mg/L
18-May-90	Preparation	ND	0.0500	0.0500	mg/L
29-May-90	Preparation	ND	0.0500	0.0500	mg/L
01-Jun-90	Preparation	ND	0.0500	0.0500	mg/L

Total Number of Blanks = 34 — Concentration Range NC

Total Number above Detection Limit = 0 — Maximum Detection Limit = 0.050

Method: ICP 25 element scan

Analyte: Nickel

02-May-90	Calibration	ND	0.0200	0.0200	mg/L
03-May-90	Calibration	ND	0.0200	0.0200	mg/L
07-May-90	Calibration	ND	0.0200	0.0200	mg/L
11-May-90	Calibration	ND	0.0200	0.0200	mg/L
14-May-90	Calibration	ND	0.0200	0.0200	mg/L
15-May-90	Calibration	ND	0.0200	0.0200	mg/L
16-May-90	Calibration	ND	0.0200	0.0200	mg/L
18-May-90	Calibration	<5x	0.0210	0.0200	mg/L
18-May-90	Calibration	ND	0.0200	0.0200	mg/L
21-May-90	Calibration	ND	0.0200	0.0200	mg/L
29-May-90	Calibration	ND	0.0200	0.0200	mg/L
30-May-90	Calibration	ND	0.0200	0.0200	mg/L
01-Jun-90	Calibration	ND	0.0200	0.0200	mg/L
02-May-90	Initial Calibration Blank	ND	0.0200	0.0200	mg/L
14-May-90	Initial Calibration Blank	ND	0.0200	0.0200	mg/L
18-May-90	Initial Calibration Blank	ND	0.0200	0.0200	mg/L
29-May-90	Initial Calibration Blank	ND	0.0200	0.0200	mg/L
30-May-90	Initial Calibration Blank	ND	0.0200	0.0200	mg/L

Compiled: 9 April 1991

TABLE 2. DETAILED LISTING OF BLANK RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Blank Results for Matrix = Laboratory Water

Date	Type of Blank	Detection Flag	Result	Detection Limit	Units
Analysis for ICP 25 element scan					
Analyte: Nickel continued					
01-Jun-90	Initial Calibration Blank	ND	0.0200	0.0200	mg/L
02-May-90	Method Blank	ND	0.0200	0.0200	mg/L
03-May-90	Method Blank	ND	0.0200	0.0200	mg/L
07-May-90	Method Blank	ND	0.0200	0.0200	mg/L
11-May-90	Method Blank	ND	0.0200	0.0200	mg/L
14-May-90	Method Blank	ND	0.0200	0.0200	mg/L
15-May-90	Method Blank	ND	0.0200	0.0200	mg/L
16-May-90	Method Blank	ND	0.0200	0.0200	mg/L
18-May-90	Method Blank	ND	0.0200	0.0200	mg/L
29-May-90	Method Blank	ND	0.0200	0.0200	mg/L
30-May-90	Method Blank	ND	0.0200	0.0200	mg/L
01-Jun-90	Method Blank	ND	0.0200	0.0200	mg/L
02-May-90	Preparation	ND	0.0200	0.0200	mg/L
11-May-90	Preparation	ND	0.0200	0.0200	mg/L
18-May-90	Preparation	ND	0.0200	0.0200	mg/L
29-May-90	Preparation	ND	0.0200	0.0200	mg/L
01-Jun-90	Preparation	ND	0.0200	0.0200	mg/L

Total Number of Blanks = 35 Concentration Range 0.021 - 0.021

Total Number above Detection Limit = 1 Maximum Detection Limit = 0.020

Method: ICP 25 element scan					
Analyte: Potassium					
02-May-90	Calibration	ND	3.0000	3.0000	mg/L
03-May-90	Calibration	ND	3.0000	3.0000	mg/L
07-May-90	Calibration	ND	3.0000	3.0000	mg/L
11-May-90	Calibration	ND	3.0000	3.0000	mg/L
14-May-90	Calibration	ND	3.0000	3.0000	mg/L
15-May-90	Calibration	ND	3.0000	3.0000	mg/L
16-May-90	Calibration	ND	3.0000	3.0000	mg/L
18-May-90	Calibration	ND	3.0000	3.0000	mg/L
21-May-90	Calibration	ND	3.0000	3.0000	mg/L
29-May-90	Calibration	ND	3.0000	3.0000	mg/L
30-May-90	Calibration	ND	3.0000	3.0000	mg/L
01-Jun-90	Calibration	ND	3.0000	3.0000	mg/L
02-May-90	Initial Calibration Blank	ND	3.0000	3.0000	mg/L
07-May-90	Initial Calibration Blank	ND	3.0000	3.0000	mg/L

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TABLE 2. DETAILED LISTING OF BLANK RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Blank Results for Matrix = Laboratory Water

Date	Type of Blank	Detection Flag	Result	Detection Limit	Units
Analysis for ICP 25 element scan Analyte: Potassium continued					
14-May-90	Initial Calibration Blank	ND	3.0000	3.0000	mg/L
18-May-90	Initial Calibration Blank	ND	3.0000	3.0000	mg/L
29-May-90	Initial Calibration Blank	ND	3.0000	3.0000	mg/L
30-May-90	Initial Calibration Blank	ND	3.0000	3.0000	mg/L
01-Jun-90	Initial Calibration Blank	ND	3.0000	3.0000	mg/L
02-May-90	Method Blank	ND	3.0000	3.0000	mg/L
03-May-90	Method Blank	ND	3.0000	3.0000	mg/L
07-May-90	Method Blank	ND	3.0000	3.0000	mg/L
11-May-90	Method Blank	ND	3.0000	3.0000	mg/L
14-May-90	Method Blank	ND	3.0000	3.0000	mg/L
15-May-90	Method Blank	ND	3.0000	3.0000	mg/L
16-May-90	Method Blank	ND	3.0000	3.0000	mg/L
18-May-90	Method Blank	ND	3.0000	3.0000	mg/L
29-May-90	Method Blank	ND	3.0000	3.0000	mg/L
30-May-90	Method Blank	ND	3.0000	3.0000	mg/L
01-Jun-90	Method Blank	ND	3.0000	3.0000	mg/L
02-May-90	Preparation	ND	3.0000	3.0000	mg/L
07-May-90	Preparation	ND	3.0000	3.0000	mg/L
11-May-90	Preparation	ND	3.0000	3.0000	mg/L
18-May-90	Preparation	ND	3.0000	3.0000	mg/L
29-May-90	Preparation	ND	3.0000	3.0000	mg/L
01-Jun-90	Preparation	ND	3.0000	3.0000	mg/L

Total Number of Blanks = 36 Concentration Range NC
Total Number above Detection Limit = 0 Maximum Detection Limit = 3.0

Method: ICP 25 element scan
Analyte: Selenium

02-May-90	Calibration	ND	0.3000	0.3000	mg/L
03-May-90	Calibration	ND	0.3000	0.3000	mg/L
07-May-90	Calibration	ND	0.3000	0.3000	mg/L
11-May-90	Calibration	ND	0.3000	0.3000	mg/L
14-May-90	Calibration	ND	0.3000	0.3000	mg/L
15-May-90	Calibration	ND	0.3000	0.3000	mg/L
16-May-90	Calibration	ND	0.3000	0.3000	mg/L
18-May-90	Calibration	ND	0.3000	0.3000	mg/L
21-May-90	Calibration	ND	0.3000	0.3000	mg/L

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TABLE 2. DETAILED LISTING OF BLANK RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Blank Results for Matrix = Laboratory Water

Date	Type of Blank	Detection Flag	Result	Detection Limit	Units
Analysis for ICP 25 element scan					
Analyte: Selenium continued					
29-May-90	Calibration	ND	0.3000	0.3000	mg/L
30-May-90	Calibration	ND	0.3000	0.3000	mg/L
01-Jun-90	Calibration	ND	0.3000	0.3000	mg/L
02-May-90	Initial Calibration Blank	ND	0.3000	0.3000	mg/L
14-May-90	Initial Calibration Blank	ND	0.3000	0.3000	mg/L
18-May-90	Initial Calibration Blank	ND	0.3000	0.3000	mg/L
29-May-90	Initial Calibration Blank	ND	0.3000	0.3000	mg/L
30-May-90	Initial Calibration Blank	ND	0.3000	0.3000	mg/L
01-Jun-90	Initial Calibration Blank	ND	0.3000	0.3000	mg/L
02-May-90	Method Blank	ND	0.3000	0.3000	mg/L
03-May-90	Method Blank	ND	0.3000	0.3000	mg/L
07-May-90	Method Blank	ND	0.3000	0.3000	mg/L
11-May-90	Method Blank	ND	0.3000	0.3000	mg/L
14-May-90	Method Blank	ND	0.3000	0.3000	mg/L
15-May-90	Method Blank	ND	0.3000	0.3000	mg/L
16-May-90	Method Blank	ND	0.3000	0.3000	mg/L
18-May-90	Method Blank	ND	0.3000	0.3000	mg/L
29-May-90	Method Blank	ND	0.3000	0.3000	mg/L
30-May-90	Method Blank	ND	0.3000	0.3000	mg/L
01-Jun-90	Method Blank	ND	0.3000	0.3000	mg/L
02-May-90	Preparation	ND	0.3000	0.3000	mg/L
11-May-90	Preparation	ND	0.3000	0.3000	mg/L
18-May-90	Preparation	ND	0.3000	0.3000	mg/L
29-May-90	Preparation	ND	0.3000	0.3000	mg/L
01-Jun-90	Preparation	ND	0.3000	0.3000	mg/L

Total Number of Blanks = 34 Concentration Range NC

Total Number above Detection Limit = 0 Maximum Detection Limit = 0.30

Method: ICP 25 element scan

Analyte: Silicon

02-May-90	Calibration	ND	1.0000	1.0000	mg/L
03-May-90	Calibration	ND	1.0000	1.0000	mg/L
07-May-90	Calibration	ND	1.0000	1.0000	mg/L
11-May-90	Calibration	ND	1.0000	1.0000	mg/L
14-May-90	Calibration	ND	1.0000	1.0000	mg/L
15-May-90	Calibration	ND	1.0000	1.0000	mg/L

Compiled: 9 April 1991

TABLE 2. DETAILED LISTING OF BLANK RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Blank Results for Matrix = Laboratory Water

Date	Type of Blank	Detection Flag	Result	Detection Limit	Units
Analysis for ICP 25 element scan Analyte: Silicon continued					
16-May-90	Calibration	ND	1.0000	1.0000	mg/L
18-May-90	Calibration	ND	1.0000	1.0000	mg/L
21-May-90	Calibration	ND	1.0000	1.0000	mg/L
29-May-90	Calibration	ND	1.0000	1.0000	mg/L
30-May-90	Calibration	ND	1.0000	1.0000	mg/L
01-Jun-90	Calibration	ND	1.0000	1.0000	mg/L
05-Jun-90	Calibration	ND	1.0000	1.0000	mg/L
02-May-90	Initial Calibration Blank	ND	1.0000	1.0000	mg/L
07-May-90	Initial Calibration Blank	ND	1.0000	1.0000	mg/L
14-May-90	Initial Calibration Blank	ND	1.0000	1.0000	mg/L
18-May-90	Initial Calibration Blank	ND	1.0000	1.0000	mg/L
29-May-90	Initial Calibration Blank	ND	1.0000	1.0000	mg/L
30-May-90	Initial Calibration Blank	ND	1.0000	1.0000	mg/L
01-Jun-90	Initial Calibration Blank	ND	1.0000	1.0000	mg/L
05-Jun-90	Initial Calibration Blank	ND	1.0000	1.0000	mg/L
02-May-90	Method Blank	ND	1.0000	1.0000	mg/L
03-May-90	Method Blank	ND	1.0000	1.0000	mg/L
07-May-90	Method Blank	ND	1.0000	1.0000	mg/L
11-May-90	Method Blank	ND	1.0000	1.0000	mg/L
14-May-90	Method Blank	ND	1.0000	1.0000	mg/L
15-May-90	Method Blank	ND	1.0000	1.0000	mg/L
16-May-90	Method Blank	ND	1.0000	1.0000	mg/L
18-May-90	Method Blank	ND	1.0000	1.0000	mg/L
29-May-90	Method Blank	ND	1.0000	1.0000	mg/L
30-May-90	Method Blank	ND	1.0000	1.0000	mg/L
01-Jun-90	Method Blank	ND	1.0000	1.0000	mg/L
02-May-90	Preparation	ND	1.0000	1.0000	mg/L
07-May-90	Preparation	ND	1.0000	1.0000	mg/L
11-May-90	Preparation	ND	1.0000	1.0000	mg/L
18-May-90	Preparation	ND	1.0000	1.0000	mg/L
29-May-90	Preparation	ND	1.0000	1.0000	mg/L
01-Jun-90	Preparation	ND	1.0000	1.0000	mg/L
05-Jun-90	Preparation	ND	1.0000	1.0000	mg/L

Total Number of Blanks = 39 Concentration Range NC

Total Number above Detection Limit = 0 Maximum Detection Limit = 1.0

TABLE 2. DETAILED LISTING OF BLANK RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Blank Results for Matrix = Laboratory Water

Date	Type of Blank	Detection Flag	Result	Detection Limit	Units
Method: ICP 25 element scan					
Analyte: Silver					
02-May-90	Calibration	ND	0.0100	0.0100	mg/L
03-May-90	Calibration		0.0510	0.0100	mg/L
03-May-90	Calibration	ND	0.0100	0.0100	mg/L
07-May-90	Calibration	ND	0.0100	0.0100	mg/L
11-May-90	Calibration	ND	0.0100	0.0100	mg/L
14-May-90	Calibration	ND	0.0100	0.0100	mg/L
15-May-90	Calibration	ND	0.0100	0.0100	mg/L
16-May-90	Calibration	ND	0.0100	0.0100	mg/L
18-May-90	Calibration	ND	0.0100	0.0100	mg/L
21-May-90	Calibration	<5X	0.0120	0.0100	mg/L
21-May-90	Calibration	ND	0.0100	0.0100	mg/L
29-May-90	Calibration	ND	0.0100	0.0100	mg/L
30-May-90	Calibration		0.0110	0.0100	mg/L
30-May-90	Calibration	ND	0.0100	0.0100	mg/L
01-Jun-90	Calibration	ND	0.0100	0.0100	mg/L
02-May-90	Initial Calibration Blank	ND	0.0100	0.0100	mg/L
07-May-90	Initial Calibration Blank	ND	0.0100	0.0100	mg/L
14-May-90	Initial Calibration Blank	ND	0.0100	0.0100	mg/L
18-May-90	Initial Calibration Blank	ND	0.0100	0.0100	mg/L
29-May-90	Initial Calibration Blank	ND	0.0100	0.0100	mg/L
30-May-90	Initial Calibration Blank	ND	0.0100	0.0100	mg/L
01-Jun-90	Initial Calibration Blank	ND	0.0100	0.0100	mg/L
02-May-90	Method Blank	ND	0.0100	0.0100	mg/L
03-May-90	Method Blank	ND	0.0100	0.0100	mg/L
07-May-90	Method Blank	ND	0.0100	0.0100	mg/L
11-May-90	Method Blank	ND	0.0100	0.0100	mg/L
14-May-90	Method Blank	ND	0.0100	0.0100	mg/L
15-May-90	Method Blank	ND	0.0100	0.0100	mg/L
16-May-90	Method Blank	ND	0.0100	0.0100	mg/L
18-May-90	Method Blank	ND	0.0100	0.0100	mg/L
29-May-90	Method Blank	ND	0.0100	0.0100	mg/L
30-May-90	Method Blank	ND	0.0100	0.0100	mg/L
01-Jun-90	Method Blank	ND	0.0100	0.0100	mg/L
02-May-90	Preparation	ND	0.0100	0.0100	mg/L
07-May-90	Preparation	ND	0.0100	0.0100	mg/L
11-May-90	Preparation	ND	0.0100	0.0100	mg/L
18-May-90	Preparation	<5x	0.0140	0.0100	mg/L
29-May-90	Preparation	ND	0.0100	0.0100	mg/L
01-Jun-90	Preparation	ND	0.0100	0.0100	mg/L

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TABLE 2. DETAILED LISTING OF BLANK RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Blank Results for Matrix = Laboratory Water

Date	Type of Blank	Detection Flag	Result	Detection Limit	Units
Analysis for ICP 25 element scan					
Analyte: Silver continued					

Total Number of Blanks = 39 Concentration Range 0.011 - 0.051

Total Number above Detection Limit = 4 Maximum Detection Limit = 0.010

Method: ICP 25 element scan

Analyte: Sodium

02-May-90	Calibration	ND	1.0000	1.0000	mg/L
03-May-90	Calibration	ND	1.0000	1.0000	mg/L
07-May-90	Calibration	ND	1.0000	1.0000	mg/L
11-May-90	Calibration	ND	1.0000	1.0000	mg/L
14-May-90	Calibration	ND	1.0000	1.0000	mg/L
15-May-90	Calibration	ND	1.0000	1.0000	mg/L
16-May-90	Calibration	ND	1.0000	1.0000	mg/L
18-May-90	Calibration	ND	1.0000	1.0000	mg/L
21-May-90	Calibration	ND	1.0000	1.0000	mg/L
29-May-90	Calibration	ND	1.0000	1.0000	mg/L
30-May-90	Calibration	ND	1.0000	1.0000	mg/L
01-Jun-90	Calibration	ND	1.0000	1.0000	mg/L
02-May-90	Initial Calibration Blank	ND	1.0000	1.0000	mg/L
07-May-90	Initial Calibration Blank	ND	1.0000	1.0000	mg/L
14-May-90	Initial Calibration Blank	ND	1.0000	1.0000	mg/L
18-May-90	Initial Calibration Blank	ND	1.0000	1.0000	mg/L
29-May-90	Initial Calibration Blank	ND	1.0000	1.0000	mg/L
30-May-90	Initial Calibration Blank	ND	1.0000	1.0000	mg/L
01-Jun-90	Initial Calibration Blank	ND	1.0000	1.0000	mg/L
02-May-90	Method Blank	ND	1.0000	1.0000	mg/L
03-May-90	Method Blank	ND	1.0000	1.0000	mg/L
07-May-90	Method Blank	ND	1.0000	1.0000	mg/L
11-May-90	Method Blank	ND	1.0000	1.0000	mg/L
14-May-90	Method Blank	ND	1.0000	1.0000	mg/L
15-May-90	Method Blank	ND	1.0000	1.0000	mg/L
16-May-90	Method Blank	ND	1.0000	1.0000	mg/L
18-May-90	Method Blank	ND	1.0000	1.0000	mg/L
29-May-90	Method Blank	ND	1.0000	1.0000	mg/L
30-May-90	Method Blank	ND	1.0000	1.0000	mg/L
01-Jun-90	Method Blank	ND	1.0000	1.0000	mg/L
02-May-90	Preparation	ND	1.0000	1.0000	mg/L

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TABLE 2. DETAILED LISTING OF BLANK RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Blank Results for Matrix = Laboratory Water

Date	Type of Blank	Detection Flag	Result	Detection Limit	Units
Analysis for ICP 25 element scan Analyte: Sodium continued					
07-May-90	Preparation	ND	1.0000	1.0000	mg/L
11-May-90	Preparation	ND	1.0000	1.0000	mg/L
18-May-90	Preparation	ND	1.0000	1.0000	mg/L
29-May-90	Preparation	ND	1.0000	1.0000	mg/L
01-Jun-90	Preparation	ND	1.0000	1.0000	mg/L

Total Number of Blanks = 36 Concentration Range NC
Total Number above Detection Limit = 0 Maximum Detection Limit = 1.0

Method: ICP 25 element scan
Analyte: Strontium

02-May-90	Calibration	ND	0.0030	0.0030	mg/L
03-May-90	Calibration	ND	0.0030	0.0030	mg/L
07-May-90	Calibration	ND	0.0030	0.0030	mg/L
11-May-90	Calibration	ND	0.0030	0.0030	mg/L
14-May-90	Calibration	ND	0.0030	0.0030	mg/L
15-May-90	Calibration	ND	0.0030	0.0030	mg/L
16-May-90	Calibration	ND	0.0030	0.0030	mg/L
18-May-90	Calibration	<5x	0.0047	0.0030	mg/L
18-May-90	Calibration	ND	0.0030	0.0030	mg/L
21-May-90	Calibration	<5X	0.0041	0.0030	mg/L
21-May-90	Calibration	ND	0.0030	0.0030	mg/L
29-May-90	Calibration	ND	0.0030	0.0030	mg/L
30-May-90	Calibration	ND	0.0030	0.0030	mg/L
01-Jun-90	Calibration	ND	0.0030	0.0030	mg/L
02-May-90	Initial Calibration Blank	ND	0.0030	0.0030	mg/L
07-May-90	Initial Calibration Blank	ND	0.0030	0.0030	mg/L
14-May-90	Initial Calibration Blank	ND	0.0030	0.0030	mg/L
18-May-90	Initial Calibration Blank	ND	0.0030	0.0030	mg/L
29-May-90	Initial Calibration Blank	ND	0.0030	0.0030	mg/L
30-May-90	Initial Calibration Blank	ND	0.0030	0.0030	mg/L
01-Jun-90	Initial Calibration Blank	ND	0.0030	0.0030	mg/L
02-May-90	Method Blank	ND	0.0030	0.0030	mg/L
03-May-90	Method Blank	ND	0.0030	0.0030	mg/L
07-May-90	Method Blank	ND	0.0030	0.0030	mg/L
11-May-90	Method Blank	ND	0.0030	0.0030	mg/L
14-May-90	Method Blank	ND	0.0030	0.0030	mg/L

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TABLE 2. DETAILED LISTING OF BLANK RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Blank Results for Matrix = Laboratory Water

Date	Type of Blank	Detection Flag	Result	Detection Limit	Units
Analysis for ICP 25 element scan					
Analyte: Strontium continued					
15-May-90	Method Blank	ND	0.0030	0.0030	mg/L
16-May-90	Method Blank	ND	0.0030	0.0030	mg/L
18-May-90	Method Blank	ND	0.0030	0.0030	mg/L
29-May-90	Method Blank	ND	0.0030	0.0030	mg/L
30-May-90	Method Blank	ND	0.0030	0.0030	mg/L
01-Jun-90	Method Blank	ND	0.0030	0.0030	mg/L
02-May-90	Preparation	ND	0.0030	0.0030	mg/L
07-May-90	Preparation	ND	0.0030	0.0030	mg/L
11-May-90	Preparation	ND	0.0030	0.0030	mg/L
18-May-90	Preparation	ND	0.0030	0.0030	mg/L
29-May-90	Preparation	ND	0.0030	0.0030	mg/L
01-Jun-90	Preparation	ND	0.0030	0.0030	mg/L

Total Number of Blanks = 38 — Concentration Range 0.0041 - 0.0047

Total Number above Detection Limit = 2 — Maximum Detection Limit = 0.0030

Method: ICP 25 element scan					
Analyte: Thallium					
02-May-90	Calibration	ND	0.1000	0.1000	mg/L
03-May-90	Calibration	ND	0.1000	0.1000	mg/L
07-May-90	Calibration	ND	0.1000	0.1000	mg/L
11-May-90	Calibration	ND	0.1000	0.1000	mg/L
14-May-90	Calibration	ND	0.1000	0.1000	mg/L
15-May-90	Calibration	ND	0.1000	0.1000	mg/L
16-May-90	Calibration	ND	0.1000	0.1000	mg/L
18-May-90	Calibration	ND	0.1000	0.1000	mg/L
21-May-90	Calibration	ND	0.1000	0.1000	mg/L
29-May-90	Calibration	ND	0.1000	0.1000	mg/L
30-May-90	Calibration	ND	0.1000	0.1000	mg/L
01-Jun-90	Calibration	ND	0.1000	0.1000	mg/L
02-May-90	Initial Calibration Blank	ND	0.1000	0.1000	mg/L
07-May-90	Initial Calibration Blank	ND	0.1000	0.1000	mg/L
14-May-90	Initial Calibration Blank	ND	0.1000	0.1000	mg/L
18-May-90	Initial Calibration Blank	ND	0.1000	0.1000	mg/L
29-May-90	Initial Calibration Blank	ND	0.1000	0.1000	mg/L
30-May-90	Initial Calibration Blank	ND	0.1000	0.1000	mg/L
01-Jun-90	Initial Calibration Blank	ND	0.1000	0.1000	mg/L

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TABLE 2. DETAILED LISTING OF BLANK RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Blank Results for Matrix = Laboratory Water

Date	Type of Blank	Detection Flag	Result	Detection Limit	Units
Analysis for ICP 25 element scan					
Analyte: Thallium continued					
02-May-90	Method Blank	ND	0.1000	0.1000	mg/L
03-May-90	Method Blank	ND	0.1000	0.1000	mg/L
07-May-90	Method Blank	ND	0.1000	0.1000	mg/L
11-May-90	Method Blank	ND	0.1000	0.1000	mg/L
14-May-90	Method Blank	ND	0.1000	0.1000	mg/L
15-May-90	Method Blank	ND	0.1000	0.1000	mg/L
16-May-90	Method Blank	ND	0.1000	0.1000	mg/L
18-May-90	Method Blank	ND	0.1000	0.1000	mg/L
29-May-90	Method Blank	ND	0.1000	0.1000	mg/L
30-May-90	Method Blank	ND	0.1000	0.1000	mg/L
01-Jun-90	Method Blank	ND	0.1000	0.1000	mg/L
02-May-90	Preparation	ND	0.1000	0.1000	mg/L
07-May-90	Preparation	ND	0.1000	0.1000	mg/L
11-May-90	Preparation	ND	0.1000	0.1000	mg/L
18-May-90	Preparation	ND	0.1000	0.1000	mg/L
29-May-90	Preparation	ND	0.1000	0.1000	mg/L
01-Jun-90	Preparation	ND	0.1000	0.1000	mg/L

Total Number of Blanks = 36 Concentration Range NC

Total Number above Detection Limit = 0 Maximum Detection Limit = 0.10

Method: ICP 25 element scan

Analyte: Vanadium

02-May-90	Calibration	ND	0.0200	0.0200	mg/L
03-May-90	Calibration	ND	0.0200	0.0200	mg/L
07-May-90	Calibration	ND	0.0200	0.0200	mg/L
11-May-90	Calibration	ND	0.0200	0.0200	mg/L
14-May-90	Calibration	ND	0.0200	0.0200	mg/L
15-May-90	Calibration	ND	0.0200	0.0200	mg/L
16-May-90	Calibration	ND	0.0200	0.0200	mg/L
18-May-90	Calibration	ND	0.0200	0.0200	mg/L
21-May-90	Calibration	ND	0.0200	0.0200	mg/L
29-May-90	Calibration	ND	0.0200	0.0200	mg/L
30-May-90	Calibration	ND	0.0200	0.0200	mg/L
01-Jun-90	Calibration	ND	0.0200	0.0200	mg/L
02-May-90	Initial Calibration Blank	ND	0.0200	0.0200	mg/L
07-May-90	Initial Calibration Blank	ND	0.0200	0.0200	mg/L

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TABLE 2. DETAILED LISTING OF BLANK RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Blank Results for Matrix = Laboratory Water

Date	Type of Blank	Detection Flag	Result	Detection Limit	Units
Analysis for ICP 25 element scan Analyte: Vanadium continued					
14-May-90	Initial Calibration Blank	ND	0.0200	0.0200	mg/L
18-May-90	Initial Calibration Blank	ND	0.0200	0.0200	mg/L
29-May-90	Initial Calibration Blank	ND	0.0200	0.0200	mg/L
30-May-90	Initial Calibration Blank	ND	0.0200	0.0200	mg/L
01-Jun-90	Initial Calibration Blank	ND	0.0200	0.0200	mg/L
02-May-90	Method Blank	ND	0.0200	0.0200	mg/L
03-May-90	Method Blank	ND	0.0200	0.0200	mg/L
07-May-90	Method Blank	ND	0.0200	0.0200	mg/L
11-May-90	Method Blank	ND	0.0200	0.0200	mg/L
14-May-90	Method Blank	ND	0.0200	0.0200	mg/L
15-May-90	Method Blank	ND	0.0200	0.0200	mg/L
16-May-90	Method Blank	ND	0.0200	0.0200	mg/L
18-May-90	Method Blank	ND	0.0200	0.0200	mg/L
29-May-90	Method Blank	ND	0.0200	0.0200	mg/L
30-May-90	Method Blank	ND	0.0200	0.0200	mg/L
01-Jun-90	Method Blank	ND	0.0200	0.0200	mg/L
02-May-90	Preparation	ND	0.0200	0.0200	mg/L
07-May-90	Preparation	*	0.0250	0.0200	mg/L
11-May-90	Preparation	ND	0.0200	0.0200	mg/L
18-May-90	Preparation	ND	0.0200	0.0200	mg/L
29-May-90	Preparation	ND	0.0200	0.0200	mg/L
01-Jun-90	Preparation	ND	0.0200	0.0200	mg/L

Total Number of Blanks = 36 Concentration Range 0.025 - 0.025
Total Number above Detection Limit = 1 Maximum Detection Limit = 0.020

Method: ICP 25 element scan
Analyte: Zinc

02-May-90	Calibration	ND	0.0200	0.0200	mg/L
03-May-90	Calibration	ND	0.0200	0.0200	mg/L
07-May-90	Calibration	ND	0.0200	0.0200	mg/L
11-May-90	Calibration	ND	0.0200	0.0200	mg/L
14-May-90	Calibration	ND	0.0200	0.0200	mg/L
15-May-90	Calibration	ND	0.0200	0.0200	mg/L
16-May-90	Calibration	ND	0.0200	0.0200	mg/L
18-May-90	Calibration	ND	0.0200	0.0200	mg/L
21-May-90	Calibration	ND	0.0200	0.0200	mg/L

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TABLE 2. DETAILED LISTING OF BLANK RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Blank Results for Matrix = Laboratory Water

Date	Type of Blank	Detection Flag	Result	Detection Limit	Units
Analysis for ICP 25 element scan Analyte: Zinc continued					
29-May-90	Calibration	ND	0.0200	0.0200	mg/L
30-May-90	Calibration	ND	0.0200	0.0200	mg/L
01-Jun-90	Calibration	ND	0.0200	0.0200	mg/L
02-May-90	Initial Calibration Blank	ND	0.0200	0.0200	mg/L
14-May-90	Initial Calibration Blank	ND	0.0200	0.0200	mg/L
18-May-90	Initial Calibration Blank	ND	0.0200	0.0200	mg/L
29-May-90	Initial Calibration Blank	ND	0.0200	0.0200	mg/L
30-May-90	Initial Calibration Blank	ND	0.0200	0.0200	mg/L
01-Jun-90	Initial Calibration Blank	ND	0.0200	0.0200	mg/L
02-May-90	Method Blank	ND	0.0200	0.0200	mg/L
03-May-90	Method Blank	ND	0.0200	0.0200	mg/L
07-May-90	Method Blank	<5X	0.0250	0.0200	mg/L
07-May-90	Method Blank	<5X	0.0440	0.0200	mg/L
11-May-90	Method Blank	ND	0.0200	0.0200	mg/L
14-May-90	Method Blank	ND	0.0200	0.0200	mg/L
15-May-90	Method Blank	ND	0.0200	0.0200	mg/L
16-May-90	Method Blank	ND	0.0200	0.0200	mg/L
18-May-90	Method Blank	ND	0.0200	0.0200	mg/L
29-May-90	Method Blank	<5X	0.0300	0.0200	mg/L
29-May-90	Method Blank	ND	0.0200	0.0200	mg/L
30-May-90	Method Blank	<5X	0.0300	0.0200	mg/L
01-Jun-90	Method Blank	<5X	0.0420	0.0200	mg/L
02-May-90	Preparation	ND	0.0200	0.0200	mg/L
11-May-90	Preparation	ND	0.0200	0.0200	mg/L
18-May-90	Preparation	ND	0.0200	0.0200	mg/L
29-May-90	Preparation	ND	0.0200	0.0200	mg/L
01-Jun-90	Preparation	ND	0.0200	0.0200	mg/L

Total Number of Blanks = 36 — Concentration Range 0.025 - 0.044

Total Number above Detection Limit = 5 — Maximum Detection Limit = 0.020

Method: Nitrate by E353.2 Analyte: Nitrate					
18-Apr-90	Calibration	ND	0.0200	0.0200	mg/L
20-Apr-90	Calibration	ND	0.0200	0.0200	mg/L
24-Apr-90	Calibration	ND	0.0200	0.0200	mg/L

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TABLE 2. DETAILED LISTING OF BLANK RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Blank Results for Matrix = Laboratory Water

Date	Type of Blank	Detection Flag	Result	Detection Limit	Units
Analysis for Nitrate by E353.2					
Analyte: Nitrate continued					
25-Apr-90	Calibration	ND	0.0200	0.0200	mg/L
01-May-90	Calibration	ND	0.0200	0.0200	mg/L
02-May-90	Calibration	ND	0.0200	0.0200	mg/L
08-May-90	Calibration	ND	0.0200	0.0200	mg/L
09-May-90	Calibration	ND	0.0200	0.0200	mg/L
10-May-90	Calibration	ND	0.0200	0.0200	mg/L
11-May-90	Calibration	ND	0.0200	0.0200	mg/L
18-Apr-90	Initial Calibration Blank	ND	0.0200	0.0200	mg/L
19-Apr-90	Initial Calibration Blank	ND	0.0200	0.0200	mg/L
25-Apr-90	Initial Calibration Blank	ND	0.0200	0.0200	mg/L
08-May-90	Initial Calibration Blank	ND	0.0200	0.0200	mg/L
09-May-90	Initial Calibration Blank	ND	0.0200	0.0200	mg/L
10-May-90	Initial Calibration Blank	ND	0.0200	0.0200	mg/L
11-May-90	Initial Calibration Blank	ND	0.0200	0.0200	mg/L
18-Apr-90	Method Blank	ND	0.0200	0.0200	mg/L
19-Apr-90	Method Blank	ND	0.0200	0.0200	mg/L
20-Apr-90	Method Blank	ND	0.0200	0.0200	mg/L
24-Apr-90	Method Blank	ND	0.0200	0.0200	mg/L
25-Apr-90	Method Blank	ND	0.0200	0.0200	mg/L
27-Apr-90	Method Blank	ND	0.0200	0.0200	mg/L
01-May-90	Method Blank	ND	0.0200	0.0200	mg/L
02-May-90	Method Blank	ND	0.0200	0.0200	mg/L
08-May-90	Method Blank	ND	0.0200	0.0200	mg/L
09-May-90	Method Blank	ND	0.0200	0.0200	mg/L
10-May-90	Method Blank	ND	0.0200	0.0200	mg/L
11-May-90	Method Blank	ND	0.0200	0.0200	mg/L
18-Apr-90	Preparation	ND	0.0200	0.0200	mg/L
25-Apr-90	Preparation	ND	0.0200	0.0200	mg/L
08-May-90	Preparation	ND	0.0200	0.0200	mg/L
09-May-90	Preparation	ND	0.0200	0.0200	mg/L
10-May-90	Preparation	ND	0.0200	0.0200	mg/L
11-May-90	Preparation	ND	0.0200	0.0200	mg/L

Total Number of Blanks = 35 Concentration Range NC

Total Number above Detection Limit = 0 Maximum Detection Limit = 0.020

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TABLE 2. DETAILED LISTING OF BLANK RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Blank Results for Matrix = Laboratory Water

Date	Type of Blank	Detection Flag	Result	Detection Limit	Units
Method: Orthophosphate					
Analyte: Orthophosphate					
26-Apr-90	Initial Calibration Blank	ND	0.0100	0.0100	mg/L
18-Apr-90	Method Blank	ND	0.0100	0.0100	mg/L
19-Apr-90	Method Blank	ND	0.0100	0.0100	mg/L
20-Apr-90	Method Blank	ND	0.0100	0.0100	mg/L
24-Apr-90	Method Blank	ND	0.0100	0.0100	mg/L
25-Apr-90	Method Blank	ND	0.0100	0.0100	mg/L
26-Apr-90	Method Blank	ND	0.0100	0.0100	mg/L
27-Apr-90	Method Blank	ND	0.0100	0.0100	mg/L
01-May-90	Method Blank	ND	0.0100	0.0100	mg/L
02-May-90	Method Blank	<5X	0.0120	0.0100	mg/L
08-May-90	Method Blank	ND	0.0100	0.0100	mg/L
09-May-90	Method Blank	ND	0.0100	0.0100	mg/L
10-May-90	Method Blank	ND	0.0100	0.0100	mg/L
11-May-90	Method Blank	ND	0.0100	0.0100	mg/L
18-Apr-90	Preparation	ND	0.0100	0.0100	mg/L
26-Apr-90	Preparation	ND	0.1000	0.0100	mg/L
08-May-90	Preparation	ND	0.0100	0.0100	mg/L
09-May-90	Preparation	ND	0.0100	0.0100	mg/L
10-May-90	Preparation	ND	0.0100	0.0100	mg/L
11-May-90	Preparation	ND	0.0100	0.0100	mg/L

Total Number of Blanks = 20 Concentration Range 0.012 - 0.012

Total Number above Detection Limit = 1 Maximum Detection Limit = 0.10

Method: Lead by SW7421					
Analyte: Lead					
03-May-90	Calibration	ND	0.0030	0.0030	mg/L
05-May-90	Calibration	ND	0.0030	0.0030	mg/L
07-May-90	Calibration	ND	0.0030	0.0030	mg/L
10-May-90	Calibration	ND	0.0030	0.0030	mg/L
14-May-90	Calibration	ND	0.0030	0.0030	mg/L
17-May-90	Calibration	ND	0.0030	0.0030	mg/L
18-May-90	Calibration	ND	0.0030	0.0030	mg/L
21-May-90	Calibration	ND	0.0030	0.0030	mg/L
30-May-90	Calibration	ND	0.0030	0.0030	mg/L
31-May-90	Calibration	ND	0.0030	0.0030	mg/L

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TABLE 2. DETAILED LISTING OF BLANK RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Blank Results for Matrix = Laboratory Water

Date	Type of Blank	Detection Flag	Result	Detection Limit	Units
Analysis for Lead by SW7421					
Analyte: Lead continued					
01-Jun-90	Calibration	ND	0.0030	0.0030	mg/L
02-Jun-90	Calibration	ND	0.0030	0.0030	mg/L
05-Jun-90	Calibration	ND	0.0030	0.0030	mg/L
06-Jun-90	Calibration	ND	0.0030	0.0030	mg/L
07-Jun-90	Calibration	ND	0.0030	0.0030	mg/L
05-May-90	Initial Calibration Blank	ND	0.0030	0.0030	mg/L
21-May-90	Initial Calibration Blank	ND	0.0030	0.0030	mg/L
30-May-90	Initial Calibration Blank	<5X	0.0041	0.0030	mg/L
30-May-90	Initial Calibration Blank	<5X	0.0057	0.0030	mg/L
31-May-90	Initial Calibration Blank	ND	0.0030	0.0030	mg/L
01-Jun-90	Initial Calibration Blank	<5X	0.0030	0.0030	mg/L
02-Jun-90	Initial Calibration Blank	ND	0.0030	0.0030	mg/L
05-Jun-90	Initial Calibration Blank	ND	0.0030	0.0030	mg/L
06-Jun-90	Initial Calibration Blank	ND	0.0030	0.0030	mg/L
07-Jun-90	Initial Calibration Blank	ND	0.0030	0.0030	mg/L
08-Jun-90	Initial Calibration Blank	<5X	0.0092	0.0030	mg/L
03-May-90	Method Blank	<5X	0.0042	0.0030	mg/L
07-May-90	Method Blank	ND	0.0030	0.0030	mg/L
09-May-90	Method Blank	ND	0.0030	0.0030	mg/L
10-May-90	Method Blank	ND	0.0030	0.0030	mg/L
11-May-90	Method Blank	ND	0.0030	0.0030	mg/L
14-May-90	Method Blank	ND	0.0030	0.0030	mg/L
17-May-90	Method Blank	ND	0.0030	0.0030	mg/L
21-May-90	Method Blank	<5X	0.0041	0.0030	mg/L
30-May-90	Method Blank	ND	0.0030	0.0030	mg/L
02-Jun-90	Method Blank	<5X	0.0040	0.0030	mg/L
05-Jun-90	Method Blank	ND	0.0030	0.0030	mg/L
06-Jun-90	Method Blank	ND	0.0030	0.0030	mg/L
07-Jun-90	Method Blank	ND	0.0030	0.0030	mg/L
05-May-90	Preparation	*	0.0042	0.0030	mg/L
21-May-90	Preparation	<5X	0.0049	0.0030	mg/L
30-May-90	Preparation	<5X	0.0070	0.0030	mg/L
01-Jun-90	Preparation	ND	0.0030	0.0030	mg/L
02-Jun-90	Preparation	<5X	0.0040	0.0030	mg/L
05-Jun-90	Preparation	<5X	0.0099	0.0030	mg/L
05-Jun-90	Preparation	ND	0.0030	0.0030	mg/L
07-Jun-90	Preparation	ND	0.0030	0.0030	mg/L
08-Jun-90	Preparation	ND	0.0030	0.0030	mg/L

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TABLE 2. DETAILED LISTING OF BLANK RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Blank Results for Matrix = Laboratory Water

Analysis for Lead by SW7421
Analyte: Lead continued

Total Number of Blanks = 48 — Concentration Range 0.0030 - 0.0099
Total Number above Detection Limit = 12 — Maximum Detection Limit = 0.0030

Method: Selenium by SW7740
Analyte: Selenium

Date	Type of Blank	Detection Flag	Result	Detection Limit	Units
02-May-90	Calibration	ND	0.0050	0.0050	mg/L
07-May-90	Calibration	ND	0.0050	0.0050	mg/L
10-May-90	Calibration	ND	0.0050	0.0050	mg/L
23-May-90	Calibration	ND	0.0050	0.0050	mg/L
31-May-90	Calibration	ND	0.0050	0.0050	mg/L
04-Jun-90	Calibration	ND	0.0050	0.0050	mg/L
06-Jun-90	Calibration	ND	0.0050	0.0050	mg/L
07-Jun-90	Calibration	ND	0.0050	0.0050	mg/L
08-Jun-90	Calibration	ND	0.0050	0.0050	mg/L
02-May-90	Initial Calibration Blank	ND	0.0050	0.0050	mg/L
23-May-90	Initial Calibration Blank	ND	0.0050	0.0050	mg/L
31-May-90	Initial Calibration Blank	ND	0.0050	0.0050	mg/L
04-Jun-90	Initial Calibration Blank	ND	0.0050	0.0050	mg/L
06-Jun-90	Initial Calibration Blank	ND	0.0050	0.0050	mg/L
07-Jun-90	Initial Calibration Blank	ND	0.0050	0.0050	mg/L
08-Jun-90	Initial Calibration Blank	ND	0.0050	0.0050	mg/L
02-May-90	Method Blank	ND	0.0050	0.0050	mg/L
04-May-90	Method Blank	ND	0.0050	0.0050	mg/L
08-May-90	Method Blank	ND	0.0050	0.0050	mg/L
09-May-90	Method Blank	ND	0.0050	0.0050	mg/L
10-May-90	Method Blank	ND	0.0050	0.0050	mg/L
17-May-90	Method Blank	ND	0.0050	0.0050	mg/L
21-May-90	Method Blank	ND	0.0050	0.0050	mg/L
22-May-90	Method Blank	ND	0.0050	0.0050	mg/L
23-May-90	Method Blank	ND	0.0050	0.0050	mg/L
31-May-90	Method Blank	ND	0.0050	0.0050	mg/L
04-Jun-90	Method Blank	ND	0.0050	0.0050	mg/L
07-Jun-90	Method Blank	ND	0.0050	0.0050	mg/L
02-May-90	Preparation	ND	0.0050	0.0050	mg/L
23-May-90	Preparation	ND	0.0050	0.0050	mg/L
31-May-90	Preparation	ND	0.0050	0.0050	mg/L

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TABLE 2. DETAILED LISTING OF BLANK RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Blank Results for Matrix = Laboratory Water

Date	Type of Blank	Detection Flag	Result	Detection Limit	Units
Analysis for Selenium by SW7740					
Analyte: Selenium continued					
04-Jun-90	Preparation	ND	0.0050	0.0050	mg/L
06-Jun-90	Preparation	ND	0.0050	0.0050	mg/L
07-Jun-90	Preparation	ND	0.0050	0.0050	mg/L
08-Jun-90	Preparation	ND	0.0050	0.0050	mg/L

Total Number of Blanks = 35 — Concentration Range NC

Total Number above Detection Limit = 0 — Maximum Detection Limit = 0.0050

Method: Sulfate					
Analyte: Sulfate					
09-May-90	Initial Calibration Blank	ND	1.0000	1.0000	mg/L
24-Apr-90	Method Blank	ND	1.0000	1.0000	mg/L
25-Apr-90	Method Blank	ND	1.0000	1.0000	mg/L
27-Apr-90	Method Blank	ND	1.0000	1.0000	mg/L
02-May-90	Method Blank	ND	1.0000	1.0000	mg/L
09-May-90	Method Blank	ND	1.0000	1.0000	mg/L
21-May-90	Method Blank	ND	1.0000	1.0000	mg/L
25-May-90	Method Blank	ND	1.0000	1.0000	mg/L
25-May-90	Method Blank	ND	5.0000	5.0000	mg/L
29-Apr-90	Preparation	ND	1.0000	1.0000	mg/L
09-May-90	Preparation	ND	1.0000	1.0000	mg/L
25-May-90	Preparation	ND	1.0000	1.0000	mg/L

Total Number of Blanks = 12 — Concentration Range NC

Total Number above Detection Limit = 0 — Maximum Detection Limit = 5.0

Method: Total dissolved solids					
Analyte: Total dissolved solids					
02-May-90	Initial Calibration Blank	ND	9.0000	9.0000	mg/L
11-May-90	Initial Calibration Blank	ND	9.0000	9.0000	mg/L
15-May-90	Initial Calibration Blank	ND	9.0000	9.0000	mg/L
17-May-90	Method Blank	ND	9.0000	9.0000	mg/L
02-May-90	Preparation	ND	9.0000	9.0000	mg/L

Compiled: 9 April 1991

TABLE 2. DETAILED LISTING OF BLANK RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Blank Results for Matrix = Laboratory Water

Date	Type of Blank	Detection Flag	Result	Detection Limit	Units
Analysis for Total dissolved solids					
Analyte: Total dissolved solids continued					
17-May-90	Preparation	ND	9.0000	9.0000	mg/L

Total Number of Blanks = 6 Concentration Range NC

Total Number above Detection Limit = 0 Maximum Detection Limit = 9.0

TABLE 3. DETAIL LISTING OF QUALITY CONTROL CHECK SAMPLE (QCCS) RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Method: Arsenic by SW7060
Matrix: Laboratory Water
Analyte = Arsenic

Type of Control Sample = Continuing Calibration Control Sample.

Date	True Value	Det Flag	Meas Value	% Recovery
03-May-90	0.050		0.050	100.20
03-May-90	0.050		0.046	92.40
03-May-90	0.050		0.045	90.80
03-May-90	0.050		0.045	90.00
03-May-90	0.050		0.047	93.00
03-May-90	0.050		0.048	95.60
03-May-90	0.050		0.049	98.00
03-May-90	0.050		0.050	99.60
03-May-90	0.050		0.047	94.60
10-May-90	0.050		0.047	94.60
10-May-90	0.050		0.051	101.40
10-May-90	0.050		0.048	96.80
10-May-90	0.050		0.050	100.60
14-May-90	0.050		0.052	103.80
14-May-90	0.050		0.052	103.00
14-May-90	0.050		0.052	103.20
14-May-90	0.050		0.052	104.60
14-May-90	0.050		0.051	102.00
16-May-90	0.50		0.510	102.00
16-May-90	0.050		0.045	90.00
17-May-90	0.050		0.046	92.00
17-May-90	0.050		0.047	94.00
17-May-90	0.050		0.045	90.00
18-May-90	0.050		0.046	92.00
18-May-90	0.050		0.048	96.80
18-May-90	0.050		0.049	98.00
18-May-90	0.050		0.047	93.60
18-May-90	0.050		0.046	92.40
18-May-90	0.050		0.046	91.20
20-May-90	0.050		0.046	92.00
20-May-90	0.050		0.046	91.00
20-May-90	0.050		0.045	90.20
20-May-90	0.050		0.045	90.60
20-May-90	0.050		0.045	90.80
21-May-90	0.050		0.048	95.20
21-May-90	0.050		0.050	99.80
21-May-90	0.050		0.049	97.00

TABLE 3. DETAIL LISTING OF QUALITY CONTROL CHECK SAMPLE (QCCS) RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Date	True Value	Det Flag	Meas Value	% Recovery
Method: Arsenic by SW7060				
Matrix: Laboratory Water				
Analyte = Arsenic				
Type of Control Sample = Continuing Calibration Control Sample. continued				
30-May-90	0.050		0.046	91.00
30-May-90	0.050		0.050	100.40
30-May-90	0.050		0.048	96.40
30-May-90	0.050		0.046	92.80
31-May-90	0.050		0.046	92.40
31-May-90	0.050		0.051	101.00
31-May-90	0.050		0.049	97.00
31-May-90	0.050		0.048	95.20
02-Jun-90	0.050		0.048	96.00
02-Jun-90	0.050		0.046	92.00
02-Jun-90	0.050		0.048	96.00
02-Jun-90	0.050		0.046	92.00
08-Jun-90	0.050		0.048	96.00
08-Jun-90	0.050		0.049	98.00
08-Jun-90	0.050		0.050	100.00
08-Jun-90	0.050		0.051	102.00
Type of Control Sample = Laboratory Control Sample (QCCS).				
02-May-90	0.050		0.043	86.60
22-May-90	0.050		0.047	94.00
Number of Samples = 55	Mean % Recovery =	95.7	CV (%) =	4.6

Method: Chloride, by titration
Matrix: Laboratory Water
Analyte = Chloride

Type of Control Sample = Continuing Calibration Control Sample.

01-May-90	1000.0		998.320	99.83
01-May-90	1000.0		986.500	98.65
01-May-90	1000.0		990.440	99.04
01-May-90	1000.0		990.400	99.04
10-May-90	1000.0		968.000	96.80
10-May-90	1000.0		968.110	96.81

TABLE 3. DETAIL LISTING OF QUALITY CONTROL CHECK SAMPLE (QCCS) RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Date	True Value	Det Flag	Meas Value	% Recovery
Method: Chloride, by titration				
Matrix: Laboratory Water				
Analyte = Chloride				
Type of Control Sample = Continuing Calibration Control Sample. continued				
10-May-90	1000.0		969.060	96.91
10-May-90	1000.0		983.310	98.33
15-May-90	1000.0		954.600	95.46
15-May-90	1000.0		964.240	96.42
15-May-90	1000.0		969.060	96.91
22-May-90	1000.0		967.700	96.77
22-May-90	1000.0		976.300	97.63
25-May-90	1000.0		967.680	96.77
25-May-90	1000.0		977.250	97.73
Number of Samples = 15	Mean % Recovery =	97.5	CV (%) =	1.2

Method: Fluoride by EPA 340.2				
Matrix: Laboratory Water				
Analyte = Fluoride				
Type of Control Sample = Continuing Calibration Control Sample.				
03-May-90	1.1		1.040	96.30
03-May-90	1.1		1.010	93.52
03-May-90	1.1		1.030	95.37
03-May-90	1.1		1.130	104.63
03-May-90	1.1		1.020	94.44
09-May-90	1.1		1.070	99.07
09-May-90	1.1		1.050	97.22
15-May-90	1.1		1.030	95.37
15-May-90	1.1		1.040	96.30
15-May-90	1.1		1.050	97.22
15-May-90	1.1		1.060	98.15
15-May-90	1.1		1.090	100.93
16-May-90	1.1		1.010	93.52
16-May-90	1.1		1.020	94.44
16-May-90	1.1		0.990	91.67
16-May-90	1.1		1.080	100.00
16-May-90	1.1		0.980	90.74

TABLE 3. DETAIL LISTING OF QUALITY CONTROL CHECK SAMPLE (QCCS) RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Date	True Value	Det Flag	Meas Value	% Recovery

Method: Fluoride by EPA 340.2
Matrix: Laboratory Water
Analyte = Fluoride
Type of Control Sample = Continuing Calibration Control Sample. continued

Number of Samples = 17 Mean % Recovery = 96.4 CV (%) = 3.6

Method: Hydrocarbons, total E418.1
Matrix: Laboratory Water
Analyte = Hydrocarbons

Type of Control Sample = Continuing Calibration Control Sample.

04-May-90	200.0		180.700	90.35
04-May-90	200.0		181.880	90.94
04-May-90	200.0		190.150	95.08
24-May-90	200.0		195.820	97.91

Number of Samples = 4 Mean % Recovery = 93.6 CV (%) = 3.8

Method: Mercury by cold vapor
Matrix: Laboratory Water
Analyte = Mercury

Type of Control Sample = Continuing Calibration Control Sample.

02-May-90	0.0040		0.004	92.50
02-May-90	0.0040		0.004	90.00
02-May-90	0.0040		0.004	97.50
02-May-90	0.0040		0.004	96.50
02-May-90	0.0040		0.004	100.00
02-May-90	0.0040		0.004	105.00
08-May-90	0.0040		0.004	97.50
08-May-90	0.0040		0.004	97.50
08-May-90	0.0040		0.004	95.00
08-May-90	0.0040		0.004	100.00
09-May-90	0.0040		0.004	100.00
09-May-90	0.0040		0.004	95.00
09-May-90	0.0040		0.004	97.50

TABLE 3. DETAIL LISTING OF QUALITY CONTROL CHECK SAMPLE (QCCS) RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Method: Mercury by cold vapor
Matrix: Laboratory Water
Analyte = Mercury
Type of Control Sample = Continuing Calibration Control Sample. continued

Date	True Value	Det Flag	Meas Value	% Recovery
09-May-90	0.0040		0.004	90.00
09-May-90	0.0040		0.004	99.00
11-May-90	0.0040		0.004	105.00
11-May-90	0.0040		0.004	105.00
11-May-90	0.0040		0.004	107.50
12-May-90	0.0040		0.004	97.50
12-May-90	0.0040		0.004	100.00
12-May-90	0.0040		0.004	101.25
12-May-90	0.0040		0.004	95.00
12-May-90	0.0040		0.004	91.70
14-May-90	0.0040		0.004	100.00
14-May-90	0.0040		0.004	98.50
14-May-90	0.0040		0.004	104.50
14-May-90	0.0040		0.004	103.90
14-May-90	0.0040		0.004	101.00
15-May-90	0.0040		0.004	100.00
15-May-90	0.0040		0.004	100.00
15-May-90	0.0040		0.004	100.00
15-May-90	0.0040		0.004	105.00
16-May-90	0.0040		0.004	100.00
16-May-90	0.0040		0.004	102.50
16-May-90	0.0040		0.004	105.00
17-May-90	0.0040		0.004	101.75
17-May-90	0.0040		0.004	103.75
17-May-90	0.0040		0.004	100.50
17-May-90	0.0040		0.000	10.85
21-May-90	0.0040		0.004	100.00
21-May-90	0.0040		0.004	92.50
21-May-90	0.0040		0.004	90.00
21-May-90	0.0040		0.004	93.50
24-May-90	0.0040		0.004	97.50
24-May-90	0.0040		0.004	95.00
24-May-90	0.0040		0.004	95.00
24-May-90	0.0040		0.004	100.00
28-May-90	0.0040		0.004	95.00
28-May-90	0.0040		0.004	90.00
28-May-90	0.0040		0.004	92.50

TABLE 3. DETAIL LISTING OF QUALITY CONTROL CHECK SAMPLE (QCCS) RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Method: Mercury by cold vapor
Matrix: Laboratory Water
Analyte = Mercury
Type of Control Sample = Continuing Calibration Control Sample. continued

Number of Samples = 50 Mean % Recovery = 96.7 CV (%) = 13.6

Method: ICP 25 element scan
Matrix: Laboratory Water
Analyte = Aluminum

Type of Control Sample = Continuing Calibration Control Sample.

Date	True Value	Det Flag	Meas Value	% Recovery
02-May-90	50.0		48.800	97.60
02-May-90	50.0		49.300	98.60
02-May-90	50.0		49.200	98.40
02-May-90	50.0		48.900	97.80
03-May-90	50.0		50.800	101.60
03-May-90	50.0		51.900	103.80
03-May-90	50.0		50.100	100.20
03-May-90	50.0		51.700	103.40
07-May-90	50.0		49.900	99.80
07-May-90	50.0		49.700	99.40
07-May-90	50.0		50.500	101.00
11-May-90	50.0		50.100	100.20
11-May-90	50.0		50.500	101.00
11-May-90	50.0		49.400	98.80
11-May-90	50.0		49.500	99.00
14-May-90	50.0		51.800	103.60
14-May-90	50.0		51.000	102.00
14-May-90	50.0		50.400	100.80
15-May-90	50.0		51.700	103.40
15-May-90	50.0		52.000	104.00
15-May-90	50.0		52.100	104.20
16-May-90	50.0		50.000	100.00
16-May-90	50.0		50.500	101.00
16-May-90	50.0		49.200	98.40
18-May-90	50.0		51.500	103.00
18-May-90	50.0		51.100	102.20
18-May-90	50.0		50.300	100.60
18-May-90	50.0		49.900	99.80

TABLE 3. DETAIL LISTING OF QUALITY CONTROL CHECK SAMPLE (QCCS) RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Date	True Value	Det Flag	Meas Value	% Recovery
Method: ICP 25 element scan				
Matrix: Laboratory Water				
Analyte = Aluminum				
Type of Control Sample = Continuing Calibration Control Sample. continued				
18-May-90	50.0		48.600	97.20
18-May-90	50.0		48.900	97.80
18-May-90	50.0		51.600	103.20
29-May-90	50.0		53.700	107.40
29-May-90	50.0		53.000	106.00
29-May-90	50.0		52.700	105.40
30-May-90	50.0		49.300	98.60
30-May-90	50.0		49.200	98.40
01-Jun-90	50.0		50.900	101.80
01-Jun-90	50.0		51.600	103.20
01-Jun-90	50.0		51.500	103.00
05-Jun-90	50.0		53.400	106.80
05-Jun-90	50.0		50.400	100.80
Type of Control Sample = ICP Interference Check Sample.				
02-May-90	449.0		397.000	88.42
02-May-90	449.0		392.000	87.31
03-May-90	449.0		404.000	89.98
03-May-90	449.0		417.000	92.87
07-May-90	449.0		400.000	89.09
07-May-90	449.0		394.000	87.75
11-May-90	449.0		448.000	99.78
11-May-90	449.0		438.900	97.75
11-May-90	449.0		401.000	89.31
11-May-90	449.0		400.000	89.09
14-May-90	449.0		447.000	99.55
14-May-90	449.0		437.000	97.33
15-May-90	449.0		408.000	90.87
16-May-90	449.0		388.000	86.41
16-May-90	449.0		392.000	87.31
18-Jun-90	491.4		494.000	100.53
18-Jun-90	491.4		506.000	102.97
Type of Control Sample = Initial Calibration Control Sample.				
01-Jun-90	491.4		498.000	101.34
01-Jun-90	491.4		489.000	99.51

TABLE 3. DETAIL LISTING OF QUALITY CONTROL CHECK SAMPLE (QCCS) RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Method: ICP 25 element scan
Matrix: Laboratory Water
Analyte = Aluminum
Type of Control Sample = Laboratory Control Sample (QCCS). continued

Type of Control Sample = Laboratory Control Sample (QCCS).

Date	True Value	Det Flag	Meas Value	% Recovery
02-May-90	10.0		9.720	97.20
11-May-90	10.0		9.650	96.50

Number of Samples = 62 Mean % Recovery = 98.8 CV (%) = 5.3

Method: ICP 25 element scan
Matrix: Laboratory Water
Analyte = Antimony

Type of Control Sample = Continuing Calibration Control Sample.

Date	True Value	Det Flag	Meas Value	% Recovery
02-May-90	5.0		5.100	102.00
02-May-90	5.0		5.060	101.20
02-May-90	5.0		4.900	98.00
02-May-90	5.0		4.960	99.20
03-May-90	5.0		5.050	101.00
03-May-90	5.0		5.040	100.80
03-May-90	5.0		5.090	101.80
03-May-90	5.0		5.020	100.40
07-May-90	5.0		4.910	98.20
07-May-90	5.0		4.960	99.20
07-May-90	5.0		4.960	99.20
11-May-90	5.0		5.000	100.00
11-May-90	5.0		4.960	99.20
11-May-90	5.0		4.990	99.80
14-May-90	5.0		5.000	100.00
14-May-90	5.0		4.900	98.00
15-May-90	5.0		5.080	101.60
15-May-90	5.0		4.960	99.20
15-May-90	5.0		5.010	100.20
16-May-90	5.0		4.930	98.60
16-May-90	5.0		4.910	98.20
16-May-90	5.0		4.970	99.40
18-May-90	5.0		5.120	102.40

TABLE 3. DETAIL LISTING OF QUALITY CONTROL CHECK SAMPLE (QCCS) RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Date	True Value	Det Flag	Meas Value	% Recovery
Method: ICP 25 element scan				
Matrix: Laboratory Water				
Analyte = Antimony				
Type of Control Sample = Continuing Calibration Control Sample. continued				
18-May-90	5.0		4.950	99.00
18-May-90	5.0		5.040	100.80
18-May-90	5.0		5.180	103.60
18-May-90	5.0		5.170	103.40
18-May-90	5.0		4.980	99.60
29-May-90	5.0		5.260	105.20
29-May-90	5.0		5.290	105.80
29-May-90	5.0		5.370	107.40
30-May-90	5.0		5.260	105.20
30-May-90	5.0		5.350	107.00
01-Jun-90	5.0		5.340	106.80
01-Jun-90	5.0		5.360	107.20
01-Jun-90	5.0		5.180	103.60
05-Jun-90	5.0		4.900	98.00
05-Jun-90	5.0		4.890	97.80
Type of Control Sample = Laboratory Control Sample (QCCS).				
02-May-90	1.0		0.920	92.00
11-May-90	1.0		0.970	97.00
Number of Samples = 40	Mean % Recovery = 100.9		CV (%) =	3.2
Method: ICP 25 element scan				
Matrix: Laboratory Water				
Analyte = Arsenic				
Type of Control Sample = Continuing Calibration Control Sample.				
02-May-90	5.0		5.130	102.60
02-May-90	5.0		5.170	103.40
02-May-90	5.0		5.030	100.60
02-May-90	5.0		5.100	102.00
03-May-90	5.0		5.230	104.60
03-May-90	5.0		5.310	106.20
03-May-90	5.0		5.160	103.20
03-May-90	5.0		5.160	103.20

TABLE 3. DETAIL LISTING OF QUALITY CONTROL CHECK SAMPLE (QCCS) RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Date	True Value	Det Flag	Meas Value	% Recovery
Method: ICP 25 element scan				
Matrix: Laboratory Water				
Analyte = Arsenic				
Type of Control Sample = Continuing Calibration Control Sample. continued				
07-May-90	5.0		5.020	100.40
07-May-90	5.0		5.060	101.20
07-May-90	5.0		5.000	100.00
11-May-90	5.0		5.100	102.00
11-May-90	5.0		5.130	102.60
11-May-90	5.0		5.150	103.00
11-May-90	5.0		5.160	103.20
11-May-90	5.0		5.270	105.40
14-May-90	5.0		5.200	104.00
14-May-90	5.0		5.100	102.00
15-May-90	5.0		5.190	103.80
15-May-90	5.0		5.200	104.00
15-May-90	5.0		5.130	102.60
16-May-90	5.0		4.900	98.00
16-May-90	5.0		5.000	100.00
16-May-90	5.0		4.860	97.20
18-May-90	5.0		5.440	108.80
18-May-90	5.0		5.400	108.00
18-May-90	5.0		5.370	107.40
18-May-90	5.0		5.340	106.80
18-May-90	5.0		5.320	106.40
18-May-90	5.0		5.280	105.60
18-May-90	5.0		5.260	105.20
29-May-90	5.0		5.270	105.40
29-May-90	5.0		5.280	105.60
30-May-90	5.0		4.850	97.00
30-May-90	5.0		4.980	99.60
01-Jun-90	5.0		5.160	103.20
01-Jun-90	5.0		5.200	104.00
01-Jun-90	5.0		5.300	106.00
05-Jun-90	5.0		5.020	100.40
05-Jun-90	5.0		4.900	98.00
Type of Control Sample = Laboratory Control Sample (QCCS).				
02-May-90	1.0		1.170	117.00
11-May-90	1.0		1.170	117.00

TABLE 3. DETAIL LISTING OF QUALITY CONTROL CHECK SAMPLE (QCCS) RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Method: ICP 25 element scan
Matrix: Laboratory Water
Analyte = Arsenic
Type of Control Sample = Laboratory Control Sample (QCCS). continued

Number of Samples = 42 Mean % Recovery = 103.7 CV (%) = 4.0

Method: ICP 25 element scan
Matrix: Laboratory Water
Analyte = Barium

Type of Control Sample = Continuing Calibration Control Sample.

Date	True Value	Det Flag	Meas Value	% Recovery
02-May-90	5.0		4.920	98.40
02-May-90	5.0		4.830	96.60
02-May-90	5.0		4.900	98.00
02-May-90	5.0		4.770	95.40
03-May-90	5.0		5.130	102.60
03-May-90	5.0		5.000	100.00
03-May-90	5.0		4.990	99.80
03-May-90	5.0		5.070	101.40
07-May-90	5.0		4.950	99.00
07-May-90	5.0		4.910	98.20
07-May-90	5.0		4.880	97.60
11-May-90	5.0		5.000	100.00
11-May-90	5.0		4.990	99.80
11-May-90	5.0		5.040	100.80
11-May-90	5.0		5.080	101.60
14-May-90	5.0		5.100	102.00
14-May-90	5.0		5.000	100.00
15-May-90	5.0		5.170	103.40
15-May-90	5.0		5.120	102.40
15-May-90	5.0		5.140	102.80
16-May-90	5.0		4.890	97.80
16-May-90	5.0		5.020	100.40
18-May-90	5.0		4.700	94.00
18-May-90	5.0		4.910	98.20
18-May-90	5.0		4.790	95.80
18-May-90	5.0		4.830	96.60
18-May-90	5.0		4.690	93.80
18-May-90	5.0		4.810	96.20
18-May-90	5.0		4.900	98.00

TABLE 3. DETAIL LISTING OF QUALITY CONTROL CHECK SAMPLE (QCCS) RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Date	True Value	Det Flag	Meas Value	% Recovery
Method: ICP 25 element scan				
Matrix: Laboratory Water				
Analyte = Barium				
Type of Control Sample = Continuing Calibration Control Sample. continued				
29-May-90	5.0		5.240	104.80
29-May-90	5.0		5.250	105.00
29-May-90	5.0		5.200	104.00
30-May-90	5.0		4.980	99.60
30-May-90	5.0		4.910	98.20
01-Jun-90	5.0		5.200	104.00
01-Jun-90	5.0		5.340	106.80
01-Jun-90	5.0		5.280	105.60
05-Jun-90	5.0		4.830	96.60
05-Jun-90	5.0		4.890	97.80
Type of Control Sample = ICP Interference Check Sample.				
02-May-90	0.46		0.471	102.84
02-May-90	0.46		0.479	104.59
02-May-90	0.46		0.479	104.59
02-May-90	0.46		0.472	103.06
03-May-90	0.46		0.488	106.55
03-May-90	0.46		0.500	109.17
07-May-90	0.46		0.473	103.28
07-May-90	0.46		0.461	100.66
11-May-90	0.46		0.487	106.33
11-May-90	0.46		0.481	105.02
11-May-90	0.46		0.487	106.33
11-May-90	0.46		0.481	105.02
14-May-90	0.46		0.488	106.55
14-May-90	0.46		0.474	103.49
15-May-90	0.46		0.486	106.11
16-May-90	0.46		0.465	101.53
16-May-90	0.46		0.462	100.87
18-May-90	0.46		0.476	103.93
18-May-90	0.46		0.478	104.37
29-May-90	0.46		0.479	104.59
29-May-90	0.46		0.483	105.46
30-May-90	0.46		0.464	101.31
30-May-90	0.46		0.458	100.00
05-Jun-90	0.46		0.472	103.06
18-Jun-90	0.48		0.483	100.63

TABLE 3. DETAIL LISTING OF QUALITY CONTROL CHECK SAMPLE (QCCS) RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Date	True Value	Det Flag	Meas Value	% Recovery
Method: ICP 25 element scan				
Matrix: Laboratory Water				
Analyte = Barium				
Type of Control Sample = ICP Interference Check Sample. continued				
18-Jun-90	0.48		0.479	99.79
Type of Control Sample = Initial Calibration Control Sample.				
01-Jun-90	0.48		0.486	101.25
01-Jun-90	0.48		0.484	100.83
Type of Control Sample = Laboratory Control Sample (QCCS).				
02-May-90	1.0		0.990	99.00
11-May-90	1.0		0.990	99.00
Number of Samples = 69	Mean % Recovery = 101.3		CV (%) =	3.4
Method: ICP 25 element scan				
Matrix: Laboratory Water				
Analyte = Beryllium				
Type of Control Sample = Continuing Calibration Control Sample.				
02-May-90	5.0		4.900	98.00
02-May-90	5.0		4.739	94.78
02-May-90	5.0		4.838	96.76
02-May-90	5.0		4.659	93.18
03-May-90	5.0		4.904	98.08
03-May-90	5.0		4.834	96.68
03-May-90	5.0		4.953	99.06
03-May-90	5.0		4.868	97.36
07-May-90	5.0		5.077	101.54
07-May-90	5.0		5.109	102.18
07-May-90	5.0		5.042	100.84
11-May-90	5.0		5.200	104.00
11-May-90	5.0		5.219	104.38
11-May-90	5.0		5.231	104.62
11-May-90	5.0		5.240	104.80
11-May-90	5.0		5.159	103.18
14-May-90	5.0		5.300	106.00

TABLE 3. DETAIL LISTING OF QUALITY CONTROL CHECK SAMPLE (QCCS) RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Date	True Value	Det Flag	Meas Value	% Recovery
Method: ICP 25 element scan				
Matrix: Laboratory Water				
Analyte = Beryllium				
Type of Control Sample = Continuing Calibration Control Sample. continued				
14-May-90	5.0		5.200	104.00
15-May-90	5.0		5.256	105.12
15-May-90	5.0		5.309	106.18
15-May-90	5.0		5.328	106.56
16-May-90	5.0		5.036	100.72
16-May-90	5.0		4.996	99.92
16-May-90	5.0		5.112	102.24
18-May-90	5.0		4.893	97.86
18-May-90	5.0		4.795	95.90
18-May-90	5.0		4.744	94.88
18-May-90	5.0		4.711	94.22
18-May-90	5.0		4.827	96.54
18-May-90	5.0		4.908	98.16
18-May-90	5.0		4.865	97.30
29-May-90	5.0		5.240	104.80
29-May-90	5.0		5.238	104.76
29-May-90	5.0		5.273	105.46
29-May-90	5.0		5.270	105.40
29-May-90	5.0		5.290	105.80
30-May-90	5.0		4.970	99.40
30-May-90	5.0		4.854	97.08
01-Jun-90	5.0		5.360	107.20
01-Jun-90	5.0		5.320	106.40
01-Jun-90	5.0		5.220	104.40
05-Jun-90	5.0		4.789	95.78
05-Jun-90	5.0		4.858	97.16
Type of Control Sample = ICP Interference Check Sample.				
02-May-90	0.43		0.447	103.71
02-May-90	0.43		0.454	105.34
02-May-90	0.43		0.454	105.34
02-May-90	0.43		0.450	104.45
03-May-90	0.43		0.460	106.71
03-May-90	0.43		0.468	108.58
07-May-90	0.43		0.453	105.03
07-May-90	0.43		0.444	102.95
11-May-90	0.43		0.461	106.96

TABLE 3. DETAIL LISTING OF QUALITY CONTROL CHECK SAMPLE (QCCS) RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Date	True Value	Det Flag	Meas Value	% Recovery
Method: ICP 25 element scan				
Matrix: Laboratory Water				
Analyte = Beryllium				
Type of Control Sample = ICP Interference Check Sample. continued				
11-May-90	0.43		0.461	106.89
11-May-90	0.43		0.461	106.89
14-May-90	0.43		0.445	103.25
14-May-90	0.43		0.462	107.19
15-May-90	0.43		0.465	107.87
16-May-90	0.43		0.441	102.32
16-May-90	0.43		0.442	102.44
18-May-90	0.43		0.443	102.67
18-May-90	0.43		0.451	104.71
18-May-90	0.43		0.453	105.17
29-May-90	0.43		0.455	105.45
29-May-90	0.43		0.458	106.22
30-May-90	0.43		0.435	100.88
30-May-90	0.43		0.440	102.04
05-Jun-90	0.43		0.450	104.32
05-Jun-90	0.43		0.445	103.29
18-Jun-90	0.46		0.454	98.48
18-Jun-90	0.46		0.458	99.35
Type of Control Sample = Initial Calibration Control Sample.				
01-Jun-90	0.46		0.468	101.52
01-Jun-90	0.46		0.466	101.08
Type of Control Sample = Laboratory Control Sample (QCCS).				
02-May-90	1.0		0.996	99.60
11-May-90	1.0		1.010	101.00

Number of Samples = 74 Mean % Recovery = 102.2 CV (%) = 3.8

TABLE 3. DETAIL LISTING OF QUALITY CONTROL CHECK SAMPLE (QCCS) RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Date	True Value	Det Flag	Meas Value	% Recovery
Method: ICP 25 element scan				
Matrix: Laboratory Water				
Analyte = Boron				
Type of Control Sample = Continuing Calibration Control Sample.				
02-May-90	5.0		5.160	103.20
02-May-90	5.0		5.160	103.20
02-May-90	5.0		5.240	104.80
02-May-90	5.0		5.190	103.80
03-May-90	5.0		5.130	102.60
03-May-90	5.0		5.330	106.60
03-May-90	5.0		5.170	103.40
03-May-90	5.0		5.140	102.80
07-May-90	5.0		4.930	98.60
07-May-90	5.0		4.620	92.40
07-May-90	5.0		4.600	92.00
11-May-90	5.0		4.960	99.20
11-May-90	5.0		4.900	98.00
11-May-90	5.0		4.860	97.20
11-May-90	5.0		4.850	97.00
11-May-90	5.0		4.840	96.80
14-May-90	5.0		4.900	98.00
14-May-90	5.0		5.000	100.00
15-May-90	5.0		5.080	101.60
15-May-90	5.0		5.090	101.80
15-May-90	5.0		5.110	102.20
16-May-90	5.0		4.920	98.40
16-May-90	5.0		4.890	97.80
18-May-90	5.0		4.690	93.80
18-May-90	5.0		4.910	98.20
18-May-90	5.0		4.980	99.60
18-May-90	5.0		5.060	101.20
18-May-90	5.0		4.790	95.80
18-May-90	5.0		4.540	90.80
18-May-90	5.0		4.820	96.40
29-May-90	5.0		5.270	105.40
29-May-90	5.0		5.250	105.00
29-May-90	5.0		5.230	104.60
30-May-90	5.0		4.850	97.00
01-Jun-90	5.0		5.150	103.00
01-Jun-90	5.0		5.080	101.60
05-Jun-90	5.0		4.950	99.00

TABLE 3. DETAIL LISTING OF QUALITY CONTROL CHECK SAMPLE (QCCS) RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Date	True Value	Det Flag	Meas Value	% Recovery
Method: ICP 25 element scan				
Matrix: Laboratory Water				
Analyte = Boron				
Type of Control Sample = Continuing Calibration Control Sample. continued				
05-Jun-90	5.0		4.930	98.60
Type of Control Sample = Laboratory Control Sample (QCCS).				
02-May-90	1.0		1.000	100.00
11-May-90	1.0		0.980	98.00
Number of Samples = 40	Mean % Recovery =	99.7	CV (%) =	3.8
Method: ICP 25 element scan				
Matrix: Laboratory Water				
Analyte = Cadmium				
Type of Control Sample = Continuing Calibration Control Sample.				
02-May-90	5.0		5.171	103.42
02-May-90	5.0		5.180	103.60
02-May-90	5.0		5.195	103.90
02-May-90	5.0		5.214	104.28
03-May-90	5.0		5.468	109.36
03-May-90	5.0		5.258	105.16
03-May-90	5.0		5.367	107.34
03-May-90	5.0		5.302	106.04
07-May-90	5.0		4.632	92.64
07-May-90	5.0		4.613	92.26
07-May-90	5.0		4.633	92.66
11-May-90	5.0		5.247	104.94
11-May-90	5.0		5.316	106.32
11-May-90	5.0		5.200	104.00
11-May-90	5.0		5.241	104.82
11-May-90	5.0		5.314	106.28
14-May-90	5.0		5.300	106.00
14-May-90	5.0		5.200	104.00
15-May-90	5.0		5.398	107.96
15-May-90	5.0		5.368	107.36
15-May-90	5.0		5.336	106.72
16-May-90	5.0		5.130	102.60

TABLE 3. DETAIL LISTING OF QUALITY CONTROL CHECK SAMPLE (QCCS) RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Date	True Value	Det Flag	Meas Value	% Recovery
Method: ICP 25 element scan				
Matrix: Laboratory Water				
Analyte = Cadmium				
Type of Control Sample = Continuing Calibration Control Sample. continued				
16-May-90	5.0		5.192	103.84
16-May-90	5.0		5.208	104.16
18-May-90	5.0		4.822	96.44
18-May-90	5.0		5.285	105.70
18-May-90	5.0		5.140	102.80
18-May-90	5.0		4.858	97.16
18-May-90	5.0		5.408	108.16
18-May-90	5.0		4.842	96.84
18-May-90	5.0		5.345	106.90
29-May-90	5.0		5.420	108.40
29-May-90	5.0		5.394	107.88
29-May-90	5.0		5.372	107.44
30-May-90	5.0		5.220	104.40
30-May-90	5.0		5.207	104.14
01-Jun-90	5.0		4.960	99.20
01-Jun-90	5.0		4.950	99.00
05-Jun-90	5.0		5.322	106.44
05-Jun-90	5.0		5.309	106.18
Type of Control Sample = ICP Interference Check Sample.				
02-May-90	0.90		0.924	102.90
02-May-90	0.90		0.913	101.67
02-May-90	0.90		0.924	102.85
02-May-90	0.90		0.912	101.51
03-May-90	0.90		0.932	103.79
03-May-90	0.90		0.970	108.05
07-May-90	0.90		0.913	101.67
07-May-90	0.90		0.909	101.17
11-May-90	0.90		0.938	104.45
11-May-90	0.90		0.945	105.23
11-May-90	0.90		0.938	104.41
11-May-90	0.90		0.945	105.26
14-May-90	0.90		0.939	104.57
14-May-90	0.90		0.916	102.00
15-May-90	0.90		0.955	106.36
16-May-90	0.90		0.918	102.20
16-May-90	0.90		0.908	101.10

TABLE 3. DETAIL LISTING OF QUALITY CONTROL CHECK SAMPLE (QCCS) RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Date	True Value	Det Flag	Meas Value	% Recovery
Method: ICP 25 element scan				
Matrix: Laboratory Water				
Analyte = Cadmium				
Type of Control Sample = ICP Interference Check Sample. continued				
18-May-90	0.90		0.940	104.67
18-May-90	0.90		0.920	102.45
18-May-90	0.90		0.917	102.16
29-May-90	0.90		0.948	105.61
29-May-90	0.90		0.940	104.69
05-Jun-90	0.90		0.927	103.17
05-Jun-90	0.90		0.907	100.95
05-Jun-90	0.90		0.902	100.47
05-Jun-90	0.90		0.897	99.84
18-Jun-90	0.96		0.940	98.12
18-Jun-90	0.96		0.948	98.96
Type of Control Sample = Initial Calibration Control Sample.				
01-Jun-90	0.96		0.926	96.66
01-Jun-90	0.96		0.936	97.70
Type of Control Sample = Laboratory Control Sample (QCCS).				
02-May-90	1.0		0.968	96.80
11-May-90	1.0		0.980	98.00
Number of Samples = 72	Mean % Recovery = 103.0		CV (%) =	3.8

Method: ICP 25 element scan
Matrix: Laboratory Water
Analyte = Calcium

Type of Control Sample = Continuing Calibration Control Sample.

02-May-90	50.0		50.500	101.00
02-May-90	50.0		51.400	102.80
02-May-90	50.0		51.500	103.00
02-May-90	50.0		50.800	101.60
03-May-90	50.0		52.600	105.20
03-May-90	50.0		52.500	105.00
03-May-90	50.0		50.900	101.80

TABLE 3. DETAIL LISTING OF QUALITY CONTROL CHECK SAMPLE (QCCS) RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Date	True Value	Det Flag	Meas Value	% Recovery
Method: ICP 25 element scan				
Matrix: Laboratory Water				
Analyte = Calcium				
Type of Control Sample = Continuing Calibration Control Sample. continued				
03-May-90	50.0		52.500	105.00
07-May-90	50.0		52.200	104.40
07-May-90	50.0		51.300	102.60
07-May-90	50.0		51.800	103.60
11-May-90	50.0		51.300	102.60
11-May-90	50.0		51.000	102.00
11-May-90	50.0		51.800	103.60
11-May-90	50.0		52.400	104.80
14-May-90	50.0		53.400	106.80
14-May-90	50.0		51.900	103.80
14-May-90	50.0		51.600	103.20
15-May-90	50.0		53.200	106.40
15-May-90	50.0		53.500	107.00
15-May-90	50.0		53.700	107.40
16-May-90	50.0		50.400	100.80
16-May-90	50.0		50.700	101.40
16-May-90	50.0		52.000	104.00
18-May-90	50.0		52.800	105.60
18-May-90	50.0		52.000	104.00
18-May-90	50.0		51.900	103.80
18-May-90	50.0		50.600	101.20
29-May-90	50.0		53.700	107.40
29-May-90	50.0		53.200	106.40
29-May-90	50.0		53.500	107.00
30-May-90	50.0		50.600	101.20
30-May-90	50.0		50.800	101.60
01-Jun-90	50.0		53.700	107.40
01-Jun-90	50.0		53.600	107.20
01-Jun-90	50.0		53.300	106.60
05-Jun-90	50.0		54.900	109.80
05-Jun-90	50.0		52.100	104.20
Type of Control Sample = ICP Interference Check Sample.				
02-May-90	533.0		390.000	73.17
02-May-90	533.0		386.000	72.42
03-May-90	533.0		393.000	73.73
03-May-90	533.0		398.000	74.67

TABLE 3. DETAIL LISTING OF QUALITY CONTROL CHECK SAMPLE (QCCS) RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Date	True Value	Det Flag	Meas Value	% Recovery
Method: ICP 25 element scan				
Matrix: Laboratory Water				
Analyte = Calcium				
Type of Control Sample = ICP Interference Check Sample. continued				
07-May-90	533.0		398.000	74.67
07-May-90	533.0		390.000	73.17
11-May-90	533.0		538.000	100.94
11-May-90	533.0		523.000	98.12
11-May-90	533.0		391.000	73.36
11-May-90	533.0		391.000	73.36
14-May-90	533.0		521.000	97.75
14-May-90	533.0		535.000	100.38
15-May-90	533.0		401.000	75.23
16-May-90	533.0		385.000	72.23
16-May-90	533.0		377.000	70.73
18-Jun-90	516.0		519.000	100.58
18-Jun-90	516.0		513.000	99.42
Type of Control Sample = Initial Calibration Control Sample.				
01-Jun-90	516.0		525.000	101.74
01-Jun-90	516.0		526.000	101.94
Type of Control Sample = Laboratory Control Sample (QCCS).				
02-May-90	10.0		10.100	101.00
11-May-90	10.0		9.900	99.00

Number of Samples = 59 Mean % Recovery = 97.8 CV (%) = 12.4

TABLE 3. DETAIL LISTING OF QUALITY CONTROL CHECK SAMPLE (QCCS) RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Date	True Value	Det Flag	Meas Value	% Recovery
Method: ICP 25 element scan				
Matrix: Laboratory Water				
Analyte = Chromium				
Type of Control Sample = Continuing Calibration Control Sample.				
02-May-90	5.0		5.080	101.60
02-May-90	5.0		5.000	100.00
02-May-90	5.0		4.900	98.00
02-May-90	5.0		5.070	101.40
03-May-90	5.0		5.090	101.80
03-May-90	5.0		5.070	101.40
03-May-90	5.0		5.200	104.00
03-May-90	5.0		5.150	103.00
07-May-90	5.0		4.970	99.40
07-May-90	5.0		4.920	98.40
07-May-90	5.0		4.970	99.40
11-May-90	5.0		5.050	101.00
11-May-90	5.0		5.070	101.40
11-May-90	5.0		5.060	101.20
11-May-90	5.0		4.980	99.60
11-May-90	5.0		5.100	102.00
14-May-90	5.0		5.100	102.00
14-May-90	5.0		5.000	100.00
15-May-90	5.0		5.100	102.00
15-May-90	5.0		5.170	103.40
15-May-90	5.0		5.150	103.00
16-May-90	5.0		4.880	97.60
16-May-90	5.0		4.920	98.40
16-May-90	5.0		5.000	100.00
18-May-90	5.0		4.910	98.20
18-May-90	5.0		4.950	99.00
18-May-90	5.0		4.810	96.20
18-May-90	5.0		4.940	98.80
18-May-90	5.0		5.010	100.20
18-May-90	5.0		4.840	96.80
18-May-90	5.0		4.890	97.80
29-May-90	5.0		5.190	103.80
29-May-90	5.0		5.210	104.20
29-May-90	5.0		5.230	104.60
30-May-90	5.0		4.980	99.60
30-May-90	5.0		4.860	97.20
01-Jun-90	5.0		5.350	107.00

TABLE 3. DETAIL LISTING OF QUALITY CONTROL CHECK SAMPLE (QCCS) RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Date	True Value	Det Flag	Meas Value	% Recovery
Method: ICP 25 element scan				
Matrix: Laboratory Water				
Analyte = Chromium				
Type of Control Sample = Continuing Calibration Control Sample. continued				
01-Jun-90	5.0		5.240	104.80
01-Jun-90	5.0		5.390	107.80
05-Jun-90	5.0		4.950	99.00
05-Jun-90	5.0		4.890	97.80
Type of Control Sample = ICP Interference Check Sample.				
02-May-90	0.87		0.906	104.38
02-May-90	0.87		0.924	106.45
02-May-90	0.87		0.924	106.45
02-May-90	0.87		0.909	104.72
03-May-90	0.87		0.932	107.37
03-May-90	0.87		0.951	109.56
07-May-90	0.87		0.913	105.18
07-May-90	0.87		0.892	102.77
11-May-90	0.87		0.923	106.34
11-May-90	0.87		0.929	107.03
11-May-90	0.87		0.929	107.03
11-May-90	0.87		0.923	106.34
14-May-90	0.87		0.927	106.80
14-May-90	0.87		0.897	103.34
15-May-90	0.87		0.938	108.06
16-May-90	0.87		0.896	103.23
16-May-90	0.87		0.896	103.23
18-May-90	0.87		0.928	106.91
18-May-90	0.87		0.907	104.49
18-May-90	0.87		0.891	102.65
29-May-90	0.87		0.913	105.18
29-May-90	0.87		0.906	104.38
30-May-90	0.87		0.883	101.73
30-May-90	0.87		0.878	101.15
05-Jun-90	0.87		0.917	105.65
05-Jun-90	0.87		0.904	104.15
18-Jun-90	0.93		0.906	97.21
18-Jun-90	0.93		0.913	97.96

TABLE 3. DETAIL LISTING OF QUALITY CONTROL CHECK SAMPLE (QCCS) RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Date	True Value	Det Flag	Meas Value	% Recovery
Method: ICP 25 element scan				
Matrix: Laboratory Water				
Analyte = Chromium				
Type of Control Sample = Initial Calibration Control Sample. continued				
Type of Control Sample = Initial Calibration Control Sample.				
01-Jun-90	0.93		0.937	100.54
01-Jun-90	0.93		0.939	100.75
Type of Control Sample = Laboratory Control Sample (QCCS).				
02-May-90	1.0		0.985	98.50
11-May-90	1.0		0.980	98.00
Number of Samples = 73	Mean % Recovery = 102.2		CV (%) =	3.2
Method: ICP 25 element scan				
Matrix: Laboratory Water				
Analyte = Cobalt				
Type of Control Sample = Continuing Calibration Control Sample.				
02-May-90	5.0		5.130	102.60
02-May-90	5.0		5.120	102.40
02-May-90	5.0		5.090	101.80
02-May-90	5.0		5.090	101.80
03-May-90	5.0		5.360	107.20
03-May-90	5.0		5.180	103.60
03-May-90	5.0		5.210	104.20
03-May-90	5.0		5.250	105.00
07-May-90	5.0		4.840	96.80
07-May-90	5.0		4.760	95.20
07-May-90	5.0		4.760	95.20
11-May-90	5.0		5.220	104.40
11-May-90	5.0		5.180	103.60
11-May-90	5.0		5.130	102.60
11-May-90	5.0		5.100	102.00
14-May-90	5.0		5.200	104.00
14-May-90	5.0		5.100	102.00
15-May-90	5.0		5.250	105.00

TABLE 3. DETAIL LISTING OF QUALITY CONTROL CHECK SAMPLE (QCCS) RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Date	True Value	Det Flag	Meas Value	% Recovery
Method: ICP 25 element scan				
Matrix: Laboratory Water				
Analyte = Cobalt				
Type of Control Sample = Continuing Calibration Control Sample. continued				
15-May-90	5.0		5.240	104.80
15-May-90	5.0		5.210	104.20
16-May-90	5.0		4.990	99.80
16-May-90	5.0		5.040	100.80
18-May-90	5.0		5.210	104.20
18-May-90	5.0		5.280	105.60
18-May-90	5.0		4.980	99.60
18-May-90	5.0		4.880	97.60
18-May-90	5.0		5.150	103.00
29-May-90	5.0		5.300	106.00
29-May-90	5.0		5.260	105.20
30-May-90	5.0		5.040	100.80
30-May-90	5.0		5.030	100.60
01-Jun-90	5.0		5.050	101.00
01-Jun-90	5.0		4.980	99.60
01-Jun-90	5.0		5.040	100.80
05-Jun-90	5.0		5.140	102.80
05-Jun-90	5.0		5.100	102.00
Type of Control Sample = ICP Interference Check Sample.				
02-May-90	0.42		0.450	106.13
02-May-90	0.42		0.443	104.48
02-May-90	0.42		0.450	106.13
02-May-90	0.42		0.442	104.25
03-May-90	0.42		0.454	107.08
03-May-90	0.42		0.467	110.14
07-May-90	0.42		0.460	108.49
07-May-90	0.42		0.453	106.84
11-May-90	0.42		0.471	111.08
11-May-90	0.42		0.466	109.91
11-May-90	0.42		0.471	111.08
11-May-90	0.42		0.466	109.91
14-May-90	0.42		0.451	106.37
14-May-90	0.42		0.468	110.38
15-May-90	0.42		0.472	111.32
16-May-90	0.42		0.448	105.66
16-May-90	0.42		0.441	104.01

TABLE 3. DETAIL LISTING OF QUALITY CONTROL CHECK SAMPLE (QCCS) RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Date	True Value	Det Flag	Meas Value	% Recovery
Method: ICP 25 element scan				
Matrix: Laboratory Water				
Analyte = Cobalt				
Type of Control Sample = ICP Interference Check Sample. continued				
18-May-90	0.42		0.474	111.79
18-May-90	0.42		0.462	108.96
18-May-90	0.42		0.461	108.73
29-May-90	0.42		0.466	109.91
29-May-90	0.42		0.462	108.96
30-May-90	0.42		0.448	105.66
30-May-90	0.42		0.449	105.90
05-Jun-90	0.42		0.462	108.96
05-Jun-90	0.42		0.455	107.31
18-Jun-90	0.48		0.466	97.69
18-Jun-90	0.48		0.462	96.86
Type of Control Sample = Initial Calibration Control Sample.				
01-Jun-90	0.48		0.475	99.58
01-Jun-90	0.48		0.471	98.74
Type of Control Sample = Laboratory Control Sample (QCCS).				
02-May-90	1.0		0.979	97.90
11-May-90	1.0		0.980	98.00
Number of Samples = 68	Mean % Recovery = 104.1		CV (%) =	4.0
Method: ICP 25 element scan				
Matrix: Laboratory Water				
Analyte = Copper				
Type of Control Sample = Continuing Calibration Control Sample.				
02-May-90	5.0		5.150	103.00
02-May-90	5.0		5.120	102.40
02-May-90	5.0		5.120	102.40
02-May-90	5.0		5.110	102.20
03-May-90	5.0		5.290	105.80
03-May-90	5.0		5.270	105.40
03-May-90	5.0		5.330	106.60

TABLE 3. DETAIL LISTING OF QUALITY CONTROL CHECK SAMPLE (QCCS) RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Date	True Value	Det Flag	Meas Value	% Recovery
Method: ICP 25 element scan				
Matrix: Laboratory Water				
Analyte = Copper				
Type of Control Sample = Continuing Calibration Control Sample. continued				
03-May-90	5.0		5.450	109.00
07-May-90	5.0		4.780	95.60
07-May-90	5.0		4.850	97.00
07-May-90	5.0		4.790	95.80
11-May-90	5.0		5.230	104.60
11-May-90	5.0		5.210	104.20
11-May-90	5.0		5.200	104.00
11-May-90	5.0		5.310	106.20
14-May-90	5.0		5.300	106.00
14-May-90	5.0		5.200	104.00
15-May-90	5.0		5.300	106.00
15-May-90	5.0		5.290	105.80
15-May-90	5.0		5.340	106.80
16-May-90	5.0		5.060	101.20
16-May-90	5.0		5.040	100.80
16-May-90	5.0		5.090	101.80
18-May-90	5.0		5.040	100.80
18-May-90	5.0		5.180	103.60
18-May-90	5.0		4.850	97.00
18-May-90	5.0		5.190	103.80
18-May-90	5.0		4.720	94.40
18-May-90	5.0		4.790	95.80
18-May-90	5.0		4.750	95.00
29-May-90	5.0		5.390	107.80
29-May-90	5.0		5.400	108.00
29-May-90	5.0		5.380	107.60
30-May-90	5.0		5.100	102.00
30-May-90	5.0		5.080	101.60
01-Jun-90	5.0		5.040	100.80
01-Jun-90	5.0		5.010	100.20
01-Jun-90	5.0		5.050	101.00
05-Jun-90	5.0		5.250	105.00
05-Jun-90	5.0		5.300	106.00
Type of Control Sample = ICP Interference Check Sample.				
02-May-90	0.45		0.479	106.92
02-May-90	0.45		0.474	105.80

TABLE 3. DETAIL LISTING OF QUALITY CONTROL CHECK SAMPLE (QCCS) RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Date	True Value	Det Flag	Meas Value	% Recovery
Method: ICP 25 element scan				
Matrix: Laboratory Water				
Analyte = Copper				
Type of Control Sample = ICP Interference Check Sample. continued				
02-May-90	0.45		0.479	106.92
02-May-90	0.45		0.471	105.13
03-May-90	0.45		0.488	108.93
03-May-90	0.45		0.503	112.28
07-May-90	0.45		0.474	105.80
07-May-90	0.45		0.465	103.79
11-May-90	0.45		0.486	108.48
11-May-90	0.45		0.493	110.04
11-May-90	0.45		0.493	110.04
11-May-90	0.45		0.486	108.48
14-May-90	0.45		0.493	110.04
14-May-90	0.45		0.473	105.58
15-May-90	0.45		0.487	108.71
16-May-90	0.45		0.474	105.80
16-May-90	0.45		0.464	103.57
18-May-90	0.45		0.477	106.47
18-May-90	0.45		0.458	102.23
18-May-90	0.45		0.472	105.36
29-May-90	0.45		0.471	105.13
29-May-90	0.45		0.465	103.79
30-May-90	0.45		0.457	102.01
30-May-90	0.45		0.455	101.56
05-Jun-90	0.45		0.417	93.08
05-Jun-90	0.45		0.438	97.77
18-Jun-90	0.47		0.471	99.37
18-Jun-90	0.47		0.465	98.10
Type of Control Sample = Initial Calibration Control Sample.				
01-Jun-90	0.47		0.441	93.04
01-Jun-90	0.47		0.440	92.83
Type of Control Sample = Laboratory Control Sample (QCCS).				
02-May-90	1.0		0.975	97.50
11-May-90	1.0		0.980	98.00

Number of Samples = 72 Mean % Recovery = 103.2 CV (%) = 4.4

TABLE 3. DETAIL LISTING OF QUALITY CONTROL CHECK SAMPLE (QCCS) RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Method: ICP 25 element scan
Matrix: Laboratory Water
Analyte = Copper
Type of Control Sample = Laboratory Control Sample (QCCS). continued

Method: ICP 25 element scan
Matrix: Laboratory Water
Analyte = Iron

Type of Control Sample = Continuing Calibration Control Sample.

Date	True Value	Det Flag	Meas Value	% Recovery
02-May-90	50.0		49.300	98.60
02-May-90	50.0		48.400	96.80
02-May-90	50.0		48.500	97.00
02-May-90	50.0		49.200	98.40
03-May-90	50.0		50.500	101.00
03-May-90	50.0		51.000	102.00
03-May-90	50.0		51.200	102.40
03-May-90	50.0		49.700	99.40
07-May-90	50.0		50.300	100.60
07-May-90	50.0		49.600	99.20
07-May-90	50.0		49.800	99.60
07-May-90	50.0		49.500	99.00
11-May-90	50.0		49.300	98.60
11-May-90	50.0		48.300	96.60
11-May-90	50.0		48.400	96.80
11-May-90	50.0		47.500	95.00
14-May-90	50.0		50.600	101.20
14-May-90	50.0		49.300	98.60
14-May-90	50.0		49.100	98.20
15-May-90	50.0		50.300	100.60
15-May-90	50.0		49.900	99.80
16-May-90	50.0		48.000	96.00
16-May-90	50.0		48.200	96.40
16-May-90	50.0		49.200	98.40
18-May-90	50.0		49.300	98.60
18-May-90	50.0		47.700	95.40
18-May-90	50.0		47.400	94.80
18-May-90	50.0		50.100	100.20
18-May-90	50.0		49.100	98.20
18-May-90	50.0		49.900	99.80

TABLE 3. DETAIL LISTING OF QUALITY CONTROL CHECK SAMPLE (QCCS) RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Date	True Value	Det Flag	Meas Value	% Recovery
Method: ICP 25 element scan				
Matrix: Laboratory Water				
Analyte = Iron				
Type of Control Sample = Continuing Calibration Control Sample. continued				
29-May-90	50.0		49.700	99.40
29-May-90	50.0		49.900	99.80
29-May-90	50.0		50.200	100.40
30-May-90	50.0		48.300	96.60
30-May-90	50.0		48.000	96.00
01-Jun-90	50.0		50.500	101.00
01-Jun-90	50.0		51.000	102.00
01-Jun-90	50.0		50.800	101.60
05-Jun-90	50.0		50.900	101.80
05-Jun-90	50.0		48.400	96.80
Type of Control Sample = ICP Interference Check Sample.				
02-May-90	292.0		185.000	63.36
02-May-90	292.0		183.000	62.67
03-May-90	292.0		188.000	64.38
03-May-90	292.0		192.000	65.75
07-May-90	292.0		190.000	65.07
07-May-90	292.0		186.000	63.70
11-May-90	292.0		295.000	101.03
11-May-90	292.0		303.000	103.77
11-May-90	292.0		182.000	62.33
11-May-90	292.0		182.000	62.33
14-May-90	292.0		295.000	101.03
14-May-90	292.0		304.000	104.11
15-May-90	292.0		188.000	64.38
16-May-90	292.0		182.000	62.33
16-May-90	292.0		181.000	61.99
18-Jun-90	197.6		198.000	100.20
18-Jun-90	197.6		199.000	100.71
Type of Control Sample = Initial Calibration Control Sample.				
01-Jun-90	197.6		206.000	104.25

TABLE 3. DETAIL LISTING OF QUALITY CONTROL CHECK SAMPLE (QCCS) RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Date	True Value	Det Flag	Meas Value	% Recovery
Method: ICP 25 element scan				
Matrix: Laboratory Water				
Analyte = Iron				
Type of Control Sample = Laboratory Control Sample (QCCS). continued				
Type of Control Sample = Laboratory Control Sample (QCCS).				
02-May-90	10.0		9.760	97.60
11-May-90	10.0		9.500	95.00
Number of Samples = 60	Mean % Recovery =	92.6	CV (%) =	15.2
Method: ICP 25 element scan				
Matrix: Laboratory Water				
Analyte = Lead				
Type of Control Sample = Continuing Calibration Control Sample.				
02-May-90	5.0		5.240	104.80
02-May-90	5.0		5.230	104.60
02-May-90	5.0		5.250	105.00
03-May-90	5.0		5.500	110.00
03-May-90	5.0		5.360	107.20
03-May-90	5.0		5.400	108.00
03-May-90	5.0		5.410	108.20
07-May-90	5.0		4.800	96.00
07-May-90	5.0		4.830	96.60
07-May-90	5.0		4.780	95.60
07-May-90	5.0		4.840	96.80
11-May-90	5.0		5.200	104.00
11-May-90	5.0		5.210	104.20
11-May-90	5.0		5.340	106.80
11-May-90	5.0		5.310	106.20
14-May-90	5.0		5.300	106.00
14-May-90	5.0		5.200	104.00
15-May-90	5.0		5.370	107.40
15-May-90	5.0		5.380	107.60
15-May-90	5.0		5.390	107.80
16-May-90	5.0		5.090	101.80
16-May-90	5.0		5.140	102.80
16-May-90	5.0		5.120	102.40

TABLE 3. DETAIL LISTING OF QUALITY CONTROL CHECK SAMPLE (QCCS) RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Date	True Value	Det Flag	Meas Value	% Recovery
Method: ICP 25 element scan				
Matrix: Laboratory Water				
Analyte = Lead				
Type of Control Sample = Continuing Calibration Control Sample. continued				
18-May-90	5.0		5.350	107.00
18-May-90	5.0		5.170	103.40
18-May-90	5.0		5.450	109.00
18-May-90	5.0		5.010	100.20
18-May-90	5.0		5.480	109.60
18-May-90	5.0		5.000	100.00
29-May-90	5.0		5.440	108.80
29-May-90	5.0		5.400	108.00
29-May-90	5.0		5.340	106.80
30-May-90	5.0		5.180	103.60
30-May-90	5.0		5.140	102.80
01-Jun-90	5.0		4.910	98.20
01-Jun-90	5.0		4.850	97.00
01-Jun-90	5.0		4.920	98.40
05-Jun-90	5.0		5.250	105.00
05-Jun-90	5.0		5.220	104.40
Type of Control Sample = ICP Interference Check Sample.				
02-May-90	0.95		1.020	107.48
02-May-90	0.95		0.982	103.48
02-May-90	0.95		0.982	103.48
02-May-90	0.95		0.980	103.27
03-May-90	0.95		1.000	105.37
03-May-90	0.95		1.030	108.54
07-May-90	0.95		0.923	97.26
07-May-90	0.95		0.975	102.74
07-May-90	0.95		0.975	102.74
07-May-90	0.95		0.923	97.26
11-May-90	0.95		1.030	108.54
11-May-90	0.95		0.980	103.27
11-May-90	0.95		0.980	103.27
11-May-90	0.95		1.030	108.54
14-May-90	0.95		0.939	98.95
14-May-90	0.95		0.979	103.16
15-May-90	0.95		0.991	104.43
16-May-90	0.95		1.050	110.64
16-May-90	0.95		1.010	106.43

TABLE 3. DETAIL LISTING OF QUALITY CONTROL CHECK SAMPLE (QCCS) RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Date	True Value	Det Flag	Meas Value	% Recovery
Method: ICP 25 element scan				
Matrix: Laboratory Water				
Analyte = Lead				
Type of Control Sample = ICP Interference Check Sample. continued				
18-May-90	0.95		1.060	111.70
18-May-90	0.95		1.070	112.75
18-May-90	0.95		1.030	108.54
29-May-90	0.95		1.040	109.59
29-May-90	0.95		1.020	107.48
30-May-90	0.95		1.020	107.48
30-May-90	0.95		1.030	108.54
05-Jun-90	0.95		0.912	96.10
05-Jun-90	0.95		0.953	100.42
18-Jun-90	1.1		1.020	95.60
18-Jun-90	1.1		1.040	97.47
Type of Control Sample = Initial Calibration Control Sample.				
01-Jun-90	1.1		1.060	99.34
01-Jun-90	1.1		1.100	103.09
Type of Control Sample = Laboratory Control Sample (QCCS).				
02-May-90	1.0		0.996	99.60
11-May-90	1.0		0.980	98.00
Number of Samples = 73	Mean % Recovery = 104.0		CV (%) =	4.2
Method: ICP 25 element scan				
Matrix: Laboratory Water				
Analyte = Magnesium				
Type of Control Sample = Continuing Calibration Control Sample.				
02-May-90	50.0		49.400	98.80
02-May-90	50.0		49.000	98.00
02-May-90	50.0		49.500	99.00
03-May-90	50.0		51.800	103.60
03-May-90	50.0		50.100	100.20
03-May-90	50.0		51.700	103.40
03-May-90	50.0		50.900	101.80

TABLE 3. DETAIL LISTING OF QUALITY CONTROL CHECK SAMPLE (QCCS) RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Date	True Value	Det Flag	Meas Value	% Recovery
Method: ICP 25 element scan				
Matrix: Laboratory Water				
Analyte = Magnesium				
Type of Control Sample = Continuing Calibration Control Sample. continued				
07-May-90	50.0		49.600	99.20
07-May-90	50.0		50.200	100.40
07-May-90	50.0		49.700	99.40
07-May-90	50.0		49.800	99.60
11-May-90	50.0		48.300	96.60
11-May-90	50.0		49.100	98.20
11-May-90	50.0		49.200	98.40
11-May-90	50.0		49.800	99.60
11-May-90	50.0		50.200	100.40
14-May-90	50.0		50.600	101.20
14-May-90	50.0		50.200	100.40
14-May-90	50.0		51.400	102.80
15-May-90	50.0		51.300	102.60
15-May-90	50.0		51.600	103.20
16-May-90	50.0		50.100	100.20
16-May-90	50.0		49.400	98.80
16-May-90	50.0		49.000	98.00
18-May-90	50.0		50.200	100.40
18-May-90	50.0		49.400	98.80
18-May-90	50.0		48.400	96.80
18-May-90	50.0		48.300	96.60
18-May-90	50.0		49.800	99.60
18-May-90	50.0		50.700	101.40
29-May-90	50.0		52.400	104.80
29-May-90	50.0		52.000	104.00
29-May-90	50.0		51.900	103.80
30-May-90	50.0		48.700	97.40
30-May-90	50.0		48.800	97.60
01-Jun-90	50.0		51.900	103.80
01-Jun-90	50.0		51.300	102.60
05-Jun-90	50.0		50.500	101.00
05-Jun-90	50.0		53.200	106.40
Type of Control Sample = ICP Interference Check Sample.				
02-May-90	492.0		402.000	81.71
02-May-90	492.0		397.000	80.69
03-May-90	492.0		407.000	82.72

TABLE 3. DETAIL LISTING OF QUALITY CONTROL CHECK SAMPLE (QCCS) RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Date	True Value	Det Flag	Meas Value	% Recovery
Method: ICP 25 element scan				
Matrix: Laboratory Water				
Analyte = Magnesium				
Type of Control Sample = ICP Interference Check Sample. continued				
03-May-90	492.0		420.000	85.37
07-May-90	492.0		404.000	82.11
07-May-90	492.0		399.000	81.10
11-May-90	492.0		490.000	99.59
11-May-90	492.0		478.000	97.15
11-May-90	492.0		402.000	81.71
11-May-90	492.0		402.000	81.71
14-May-90	492.0		491.000	99.80
14-May-90	492.0		479.000	97.36
15-May-90	492.0		413.000	83.94
16-May-90	492.0		396.000	80.49
16-May-90	492.0		392.000	79.67
18-Jun-90	466.0		477.000	102.36
18-Jun-90	466.0		468.000	100.43
Type of Control Sample = Initial Calibration Control Sample.				
01-Jun-90	466.0		473.000	101.50
Type of Control Sample = Laboratory Control Sample (QCCS).				
02-May-90	10.0		9.766	97.66
11-May-90	10.0		9.550	95.50

Number of Samples = 59 Mean % Recovery = 96.8 CV (%) = 7.8

TABLE 3. DETAIL LISTING OF QUALITY CONTROL CHECK SAMPLE (QCCS) RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Method: ICP 25 element scan
Matrix: Laboratory Water
Analyte = Manganese

Type of Control Sample = Continuing Calibration Control Sample.

Date	True Value	Det Flag	Meas Value	% Recovery
02-May-90	5.0		5.200	104.00
02-May-90	50.0		49.000	98.00
02-May-90	5.0		5.190	103.80
02-May-90	5.0		5.170	103.40
02-May-90	5.0		5.220	104.40
03-May-90	5.0		5.300	106.00
03-May-90	5.0		5.470	109.40
03-May-90	5.0		5.360	107.20
03-May-90	5.0		5.320	106.40
07-May-90	5.0		4.880	97.60
07-May-90	5.0		4.890	97.80
07-May-90	5.0		4.960	99.20
11-May-90	5.0		5.180	103.60
11-May-90	5.0		5.230	104.60
11-May-90	5.0		5.200	104.00
11-May-90	5.0		5.340	106.80
11-May-90	5.0		5.220	104.40
14-May-90	5.0		5.200	104.00
14-May-90	5.0		5.300	106.00
15-May-90	5.0		5.350	107.00
15-May-90	5.0		5.370	107.40
15-May-90	5.0		5.390	107.80
16-May-90	5.0		5.100	102.00
16-May-90	5.0		5.130	102.60
16-May-90	5.0		5.140	102.80
18-May-90	5.0		4.890	97.80
18-May-90	5.0		4.910	98.20
18-May-90	5.0		4.880	97.60
18-May-90	5.0		5.000	100.00
18-May-90	5.0		5.180	103.60
18-May-90	5.0		5.280	105.60
18-May-90	5.0		5.300	106.00
29-May-90	5.0		5.350	107.00
29-May-90	5.0		5.290	105.80
30-May-90	5.0		5.170	103.40
30-May-90	5.0		5.190	103.80
01-Jun-90	5.0		5.090	101.80

TABLE 3. DETAIL LISTING OF QUALITY CONTROL CHECK SAMPLE (QCCS) RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Date	True Value	Det Flag	Meas Value	% Recovery
Method: ICP 25 element scan				
Matrix: Laboratory Water				
Analyte = Manganese				
Type of Control Sample = Continuing Calibration Control Sample. continued				
01-Jun-90	5.0		5.140	102.80
01-Jun-90	5.0		5.150	103.00
05-Jun-90	5.0		5.270	105.40
05-Jun-90	5.0		5.320	106.40
Type of Control Sample = ICP Interference Check Sample.				
02-May-90	0.45		0.466	104.25
02-May-90	0.45		0.459	102.68
02-May-90	0.45		0.466	104.25
02-May-90	0.45		0.462	103.36
03-May-90	0.45		0.474	106.04
03-May-90	0.45		0.485	108.50
07-May-90	0.45		0.471	105.37
07-May-90	0.45		0.464	103.80
11-May-90	0.45		0.474	106.04
11-May-90	0.45		0.474	106.04
11-May-90	0.45		0.474	106.04
14-May-90	0.45		0.483	108.05
14-May-90	0.45		0.465	104.03
15-May-90	0.45		0.485	108.50
16-May-90	0.45		0.457	102.24
16-May-90	0.45		0.454	101.57
18-May-90	0.45		0.455	101.79
18-May-90	0.45		0.460	102.91
18-May-90	0.45		0.466	104.25
29-May-90	0.45		0.467	104.47
29-May-90	0.45		0.464	103.80
30-May-90	0.45		0.448	100.22
30-May-90	0.45		0.452	101.12
05-Jun-90	0.45		0.391	87.47
05-Jun-90	0.45		0.395	88.37
18-Jun-90	0.47		0.464	98.10
18-Jun-90	0.47		0.467	98.73

TABLE 3. DETAIL LISTING OF QUALITY CONTROL CHECK SAMPLE (QCCS) RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Date	True Value	Det Flag	Meas Value	% Recovery
Method: ICP 25 element scan				
Matrix: Laboratory Water				
Analyte = Manganese				
Type of Control Sample = Initial Calibration Control Sample. continued				
Type of Control Sample = Initial Calibration Control Sample.				
01-Jun-90	0.47		0.403	85.20
01-Jun-90	0.47		0.406	85.84
Type of Control Sample = Laboratory Control Sample (QCCS).				
02-May-90	1.0		0.978	97.80
11-May-90	1.0		0.970	97.00
Number of Samples = 72	Mean % Recovery = 102.6		CV (%) =	4.8
Method: ICP 25 element scan				
Matrix: Laboratory Water				
Analyte = Molybdenum				
Type of Control Sample = Continuing Calibration Control Sample.				
02-May-90	5.0		4.920	98.40
02-May-90	5.0		4.860	97.20
02-May-90	5.0		4.780	95.60
02-May-90	5.0		4.920	98.40
03-May-90	5.0		4.920	98.40
03-May-90	5.0		4.840	96.80
03-May-90	5.0		4.870	97.40
03-May-90	5.0		4.950	99.00
07-May-90	5.0		4.760	95.20
07-May-90	5.0		4.810	96.20
07-May-90	5.0		4.790	95.80
11-May-90	5.0		4.780	95.60
11-May-90	5.0		4.860	97.20
11-May-90	5.0		4.800	96.00
14-May-90	5.0		4.800	96.00
15-May-90	5.0		4.880	97.60
15-May-90	5.0		4.990	99.80
15-May-90	5.0		4.930	98.60

TABLE 3. DETAIL LISTING OF QUALITY CONTROL CHECK SAMPLE (QCCS) RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Date	True Value	Det Flag	Meas Value	% Recovery
Method: ICP 25 element scan				
Matrix: Laboratory Water				
Analyte = Molybdenum				
Type of Control Sample = Continuing Calibration Control Sample. continued				
16-May-90	5.0		4.720	94.40
16-May-90	5.0		4.730	94.60
16-May-90	5.0		4.840	96.80
18-May-90	5.0		5.090	101.80
18-May-90	5.0		5.120	102.40
18-May-90	5.0		5.030	100.60
18-May-90	5.0		5.000	100.00
18-May-90	5.0		5.180	103.60
29-May-90	5.0		5.140	102.80
29-May-90	5.0		5.170	103.40
30-May-90	5.0		5.100	102.00
30-May-90	5.0		4.980	99.60
01-Jun-90	5.0		5.320	106.40
01-Jun-90	5.0		5.290	105.80
01-Jun-90	5.0		5.180	103.60
05-Jun-90	5.0		4.940	98.80
05-Jun-90	5.0		5.040	100.80
Type of Control Sample = Laboratory Control Sample (QCCS).				
02-May-90	1.0		0.979	97.90
11-May-90	1.0		0.970	97.00
Number of Samples = 37	Mean % Recovery =	99.0	CV (%) =	3.2
Method: ICP 25 element scan				
Matrix: Laboratory Water				
Analyte = Nickel				
Type of Control Sample = Continuing Calibration Control Sample.				
02-May-90	5.0		5.220	104.40
02-May-90	5.0		5.130	102.60
02-May-90	5.0		5.200	104.00
02-May-90	5.0		5.160	103.20
03-May-90	5.0		5.370	107.40
03-May-90	5.0		5.170	103.40

TABLE 3. DETAIL LISTING OF QUALITY CONTROL CHECK SAMPLE (QCCS) RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Date	True Value	Det Flag	Meas Value	% Recovery
Method: ICP 25 element scan				
Matrix: Laboratory Water				
Analyte = Nickel				
Type of Control Sample = Continuing Calibration Control Sample. continued				
03-May-90	5.0		5.260	105.20
03-May-90	5.0		5.230	104.60
07-May-90	5.0		4.930	98.60
07-May-90	5.0		4.870	97.40
07-May-90	5.0		4.890	97.80
11-May-90	5.0		5.190	103.80
11-May-90	5.0		5.160	103.20
11-May-90	5.0		5.270	105.40
11-May-90	5.0		5.200	104.00
11-May-90	5.0		5.180	103.60
14-May-90	5.0		5.200	104.00
14-May-90	5.0		5.300	106.00
15-May-90	5.0		5.330	106.60
15-May-90	5.0		5.280	105.60
16-May-90	5.0		5.040	100.80
16-May-90	5.0		5.070	101.40
16-May-90	5.0		5.050	101.00
18-May-90	5.0		5.200	104.00
18-May-90	5.0		4.920	98.40
18-May-90	5.0		5.250	105.00
18-May-90	5.0		5.030	100.60
18-May-90	5.0		5.310	106.20
18-May-90	5.0		4.940	98.80
18-May-90	5.0		4.930	98.60
29-May-90	5.0		5.320	106.40
29-May-90	5.0		5.360	107.20
30-May-90	5.0		5.070	101.40
30-May-90	5.0		5.130	102.60
01-Jun-90	5.0		4.890	97.80
01-Jun-90	5.0		5.000	100.00
01-Jun-90	5.0		4.990	99.80
05-Jun-90	5.0		5.250	105.00
05-Jun-90	5.0		5.320	106.40
Type of Control Sample = ICP Interference Check Sample.				
02-May-90	0.86		0.845	97.91
02-May-90	0.86		0.794	92.00

TABLE 3. DETAIL LISTING OF QUALITY CONTROL CHECK SAMPLE (QCCS) RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Date	True Value	Det Flag	Meas Value	% Recovery
Method: ICP 25 element scan				
Matrix: Laboratory Water				
Analyte = Nickel				
Type of Control Sample = ICP Interference Check Sample. continued				
02-May-90	0.86		0.845	97.91
02-May-90	0.86		0.833	96.52
03-May-90	0.86		0.847	98.15
03-May-90	0.86		0.835	96.76
07-May-90	0.86		0.901	104.40
07-May-90	0.86		0.877	101.62
11-May-90	0.86		0.902	104.52
11-May-90	0.86		0.888	102.90
11-May-90	0.86		0.888	102.90
11-May-90	0.86		0.902	104.52
14-May-90	0.86		0.867	100.46
14-May-90	0.86		0.928	107.53
15-May-90	0.86		0.937	108.57
16-May-90	0.86		0.884	102.43
16-May-90	0.86		0.861	99.77
18-May-90	0.86		0.904	104.75
18-May-90	0.86		0.891	103.24
18-May-90	0.86		0.940	108.92
29-May-90	0.86		0.926	107.30
29-May-90	0.86		0.915	106.03
30-May-90	0.86		0.888	102.90
30-May-90	0.86		0.895	103.71
05-Jun-90	0.86		0.899	104.17
05-Jun-90	0.86		0.894	103.59
18-Jun-90	0.93		0.915	98.39
18-Jun-90	0.93		0.926	99.57
Type of Control Sample = Initial Calibration Control Sample.				
01-Jun-90	0.93		0.915	98.39
01-Jun-90	0.93		0.946	101.72
Type of Control Sample = Laboratory Control Sample (QCCS).				
02-May-90	1.0		0.977	97.70
11-May-90	1.0		0.990	99.00

Number of Samples = 71 Mean % Recovery = 102.4 CV (%) = 3.4

TABLE 3. DETAIL LISTING OF QUALITY CONTROL CHECK SAMPLE (QCCS) RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Method: ICP 25 element scan
Matrix: Laboratory Water
Analyte = Nickel
Type of Control Sample = Laboratory Control Sample (QCCS). continued

Method: ICP 25 element scan
Matrix: Laboratory Water
Analyte = Potassium

Type of Control Sample = Continuing Calibration Control Sample.

Date	True Value	Det Flag	Meas Value	% Recovery
02-May-90	50.0		49.400	98.80
02-May-90	50.0		49.300	98.60
02-May-90	50.0		49.300	98.60
02-May-90	50.0		48.700	97.40
03-May-90	50.0		52.700	105.40
03-May-90	50.0		50.800	101.60
03-May-90	50.0		52.600	105.20
03-May-90	50.0		51.700	103.40
07-May-90	50.0		50.300	100.60
07-May-90	50.0		50.600	101.20
07-May-90	50.0		49.300	98.60
07-May-90	50.0		49.800	99.60
11-May-90	50.0		49.400	98.80
11-May-90	50.0		50.200	100.40
11-May-90	50.0		49.100	98.20
11-May-90	50.0		49.300	98.60
14-May-90	50.0		51.300	102.60
14-May-90	50.0		50.600	101.20
14-May-90	50.0		50.800	101.60
15-May-90	50.0		51.700	103.40
15-May-90	50.0		50.900	101.80
15-May-90	50.0		51.500	103.00
16-May-90	50.0		49.200	98.40
16-May-90	50.0		50.100	100.20
16-May-90	50.0		50.700	101.40
18-May-90	50.0		50.600	101.20
18-May-90	50.0		47.900	95.80
18-May-90	50.0		49.700	99.40
18-May-90	50.0		50.700	101.40
18-May-90	50.0		49.000	98.00

TABLE 3. DETAIL LISTING OF QUALITY CONTROL CHECK SAMPLE (QCCS) RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Date	True Value	Det Flag	Meas Value	% Recovery
Method: ICP 25 element scan				
Matrix: Laboratory Water				
Analyte = Potassium				
Type of Control Sample = Continuing Calibration Control Sample. continued				
18-May-90	50.0		50.500	101.00
18-May-90	50.0		48.200	96.40
29-May-90	50.0		52.600	105.20
29-May-90	50.0		51.500	103.00
29-May-90	50.0		51.400	102.80
30-May-90	50.0		49.000	98.00
30-May-90	50.0		48.300	96.60
01-Jun-90	50.0		51.600	103.20
01-Jun-90	50.0		51.400	102.80
01-Jun-90	50.0		51.000	102.00
05-Jun-90	50.0		49.600	99.20
05-Jun-90	50.0		52.200	104.40
Type of Control Sample = Laboratory Control Sample (QCCS).				
02-May-90	5.0		4.670	93.40
11-May-90	5.0		4.880	97.60
Number of Samples = 44	Mean % Recovery = 100.5		CV (%) =	2.7
Method: ICP 25 element scan				
Matrix: Laboratory Water				
Analyte = Selenium				
Type of Control Sample = Continuing Calibration Control Sample.				
02-May-90	5.0		5.230	104.60
02-May-90	5.0		5.310	106.20
02-May-90	5.0		5.120	102.40
02-May-90	5.0		5.180	103.60
03-May-90	5.0		5.190	103.80
03-May-90	5.0		5.390	107.80
03-May-90	5.0		5.380	107.60
03-May-90	5.0		5.250	105.00
07-May-90	5.0		5.040	100.80
07-May-90	5.0		4.970	99.40
07-May-90	5.0		4.940	98.80

TABLE 3. DETAIL LISTING OF QUALITY CONTROL CHECK SAMPLE (QCCS) RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Date	True Value	Det Flag	Meas Value	% Recovery
Method: ICP 25 element scan				
Matrix: Laboratory Water				
Analyte = Selenium				
Type of Control Sample = Continuing Calibration Control Sample. continued				
11-May-90	5.0		5.080	101.60
11-May-90	5.0		5.100	102.00
11-May-90	5.0		5.120	102.40
11-May-90	5.0		5.190	103.80
11-May-90	5.0		5.050	101.00
14-May-90	5.0		5.200	104.00
14-May-90	5.0		5.100	102.00
14-May-90	5.0		5.000	100.00
15-May-90	5.0		5.120	102.40
15-May-90	5.0		5.240	104.80
16-May-90	5.0		5.050	101.00
16-May-90	5.0		5.080	101.60
16-May-90	5.0		5.020	100.40
18-May-90	5.0		5.380	107.60
18-May-90	5.0		5.220	104.40
18-May-90	5.0		4.950	99.00
18-May-90	5.0		5.080	101.60
18-May-90	5.0		5.100	102.00
18-May-90	5.0		5.390	107.80
18-May-90	5.0		5.160	103.20
29-May-90	5.0		5.350	107.00
29-May-90	5.0		5.250	105.00
29-May-90	5.0		5.220	104.40
30-May-90	5.0		5.100	102.00
30-May-90	5.0		5.130	102.60
01-Jun-90	5.0		5.170	103.40
01-Jun-90	5.0		5.080	101.60
01-Jun-90	5.0		5.160	103.20
05-Jun-90	5.0		5.110	102.20
05-Jun-90	5.0		5.230	104.60
Type of Control Sample = Laboratory Control Sample (QCCS).				
02-May-90	1.0		1.010	101.00
11-May-90	1.0		1.020	102.00

Number of Samples = 43 Mean % Recovery = 103.1 CV (%) = 2.3

TABLE 3. DETAIL LISTING OF QUALITY CONTROL CHECK SAMPLE (QCCS) RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Method: ICP 25 element scan
Matrix: Laboratory Water
Analyte = Silicon

Type of Control Sample = Continuing Calibration Control Sample.

Date	True Value	Det Flag	Meas Value	% Recovery
02-May-90	50.0		46.300	92.60
02-May-90	50.0		46.800	93.60
02-May-90	50.0		45.600	91.20
02-May-90	50.0		46.800	93.60
03-May-90	50.0		50.000	100.00
03-May-90	50.0		50.300	100.60
03-May-90	50.0		48.900	97.80
03-May-90	50.0		49.000	98.00
07-May-90	50.0		50.100	100.20
07-May-90	50.0		50.300	100.60
07-May-90	50.0		49.800	99.60
07-May-90	50.0		50.200	100.40
08-May-90	50.0		50.100	100.20
11-May-90	50.0		50.900	101.80
11-May-90	50.0		51.300	102.60
11-May-90	50.0		51.400	102.80
14-May-90	50.0		51.000	102.00
14-May-90	50.0		52.000	104.00
14-May-90	50.0		51.700	103.40
15-May-90	50.0		52.600	105.20
15-May-90	50.0		52.400	104.80
15-May-90	50.0		51.900	103.80
16-May-90	50.0		50.900	101.80
16-May-90	50.0		52.300	104.60
16-May-90	50.0		50.700	101.40
18-May-90	50.0		52.200	104.40
18-May-90	50.0		51.100	102.20
18-May-90	50.0		51.900	103.80
18-May-90	50.0		51.500	103.00
18-May-90	50.0		53.500	107.00
18-May-90	50.0		52.800	105.60
18-May-90	50.0		52.400	104.80
29-May-90	50.0		51.200	102.40
29-May-90	50.0		51.800	103.60
30-May-90	50.0		51.100	102.20
30-May-90	50.0		49.900	99.80
30-May-90	50.0		50.500	101.00

TABLE 3. DETAIL LISTING OF QUALITY CONTROL CHECK SAMPLE (QCCS) RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Date	True Value	Det Flag	Meas Value	% Recovery
Method: ICP 25 element scan				
Matrix: Laboratory Water				
Analyte = Silicon				
Type of Control Sample = Continuing Calibration Control Sample. continued				
01-Jun-90	50.0		52.600	105.20
01-Jun-90	50.0		52.000	104.00
01-Jun-90	50.0		51.500	103.00
05-Jun-90	50.0		51.300	102.60
05-Jun-90	50.0		50.500	101.00
Type of Control Sample = Laboratory Control Sample (QCCS).				
02-May-90	5.0		4.470	89.40
11-May-90	5.0		4.820	96.40
Number of Samples = 44	Mean % Recovery = 101.1		CV (%) =	3.9
Method: ICP 25 element scan				
Matrix: Laboratory Water				
Analyte = Silver				
Type of Control Sample = Continuing Calibration Control Sample.				
02-May-90	5.0		4.800	96.00
02-May-90	50.0		48.800	97.60
02-May-90	5.0		4.810	96.20
02-May-90	5.0		4.850	97.00
03-May-90	5.0		5.390	107.80
03-May-90	5.0		5.270	105.40
03-May-90	5.0		5.180	103.60
03-May-90	5.0		5.380	107.60
07-May-90	5.0		4.820	96.40
07-May-90	5.0		4.780	95.60
11-May-90	5.0		5.210	104.20
11-May-90	5.0		5.200	104.00
11-May-90	5.0		5.230	104.60
11-May-90	5.0		5.280	105.60
11-May-90	5.0		5.180	103.60
14-May-90	5.0		5.200	104.00
15-May-90	5.0		5.190	103.80
15-May-90	5.0		5.120	102.40

TABLE 3. DETAIL LISTING OF QUALITY CONTROL CHECK SAMPLE (QCCS) RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Date	True Value	Det Flag	Meas Value	% Recovery
Method: ICP 25 element scan				
Matrix: Laboratory Water				
Analyte = Silver				
Type of Control Sample = Continuing Calibration Control Sample. continued				
15-May-90	5.0		5.060	101.20
16-May-90	5.0		5.020	100.40
16-May-90	5.0		5.150	103.00
16-May-90	5.0		4.780	95.60
18-May-90	5.0		4.550	91.00
18-May-90	5.0		4.990	99.80
18-May-90	5.0		4.740	94.80
18-May-90	5.0		4.900	98.00
18-May-90	5.0		4.930	98.60
18-May-90	5.0		4.940	98.80
29-May-90	5.0		5.440	108.80
29-May-90	5.0		5.280	105.60
29-May-90	5.0		5.150	103.00
30-May-90	5.0		5.050	101.00
01-Jun-90	5.0		5.320	106.40
01-Jun-90	5.0		5.240	104.80
05-Jun-90	5.0		5.260	105.20
05-Jun-90	5.0		5.000	100.00
Type of Control Sample = ICP Interference Check Sample.				
02-May-90	0.93		0.998	106.85
02-May-90	0.93		0.965	103.32
02-May-90	0.93		0.965	103.32
02-May-90	0.93		0.976	104.50
03-May-90	0.93		0.982	105.14
03-May-90	0.93		1.020	109.21
07-May-90	0.93		0.885	94.75
07-May-90	0.93		0.894	95.72
07-May-90	0.93		0.894	95.72
07-May-90	0.93		0.885	94.75
11-May-90	0.93		0.992	106.21
11-May-90	0.93		0.995	106.53
11-May-90	0.93		0.992	106.21
11-May-90	0.93		0.995	106.53
14-May-90	0.93		0.956	102.36
14-May-90	0.93		0.981	105.03
15-May-90	0.93		0.994	106.42

TABLE 3. DETAIL LISTING OF QUALITY CONTROL CHECK SAMPLE (QCCS) RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Date	True Value	Det Flag	Meas Value	% Recovery
Method: ICP 25 element scan				
Matrix: Laboratory Water				
Analyte = Silver				
Type of Control Sample = ICP Interference Check Sample. continued				
16-May-90	0.93		0.954	102.14
16-May-90	0.93		0.944	101.07
18-May-90	0.93		0.956	102.36
18-May-90	0.93		0.942	100.86
18-May-90	0.93		0.936	100.21
29-May-90	0.93		0.968	103.64
29-May-90	0.93		0.979	104.82
30-May-90	0.93		0.921	98.61
30-May-90	0.93		0.945	101.18
05-Jun-90	0.93		0.914	97.86
05-Jun-90	0.93		0.902	96.57
18-Jun-90	1.00		0.979	98.39
18-Jun-90	1.00		0.915	91.96
Type of Control Sample = Initial Calibration Control Sample.				
01-Jun-90	1.00		0.916	92.06
01-Jun-90	1.00		0.919	92.36
Type of Control Sample = Laboratory Control Sample (QCCS).				
02-May-90	1.0		0.889	88.90
11-May-90	1.0		0.950	95.00

Number of Samples = 70 Mean % Recovery = 101.0 CV (%) = 4.7

TABLE 3. DETAIL LISTING OF QUALITY CONTROL CHECK SAMPLE (QCCS) RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Method: ICP 25 element scan
Matrix: Laboratory Water
Analyte = Sodium

Type of Control Sample = Continuing Calibration Control Sample.

Date	True Value	Det Flag	Meas Value	% Recovery
02-May-90	50.0		48.900	97.80
02-May-90	50.0		48.600	97.20
02-May-90	50.0		88.700	177.40
02-May-90	50.0		48.500	97.00
03-May-90	50.0		50.800	101.60
03-May-90	50.0		51.700	103.40
03-May-90	50.0		50.100	100.20
03-May-90	50.0		51.900	103.80
07-May-90	50.0		48.900	97.80
07-May-90	50.0		48.500	97.00
07-May-90	50.0		48.300	96.60
07-May-90	50.0		49.400	98.80
11-May-90	50.0		49.100	98.20
11-May-90	50.0		49.900	99.80
11-May-90	50.0		48.600	97.20
11-May-90	50.0		48.900	97.80
14-May-90	50.0		50.200	100.40
14-May-90	50.0		49.700	99.40
14-May-90	50.0		50.900	101.80
15-May-90	50.0		50.500	101.00
15-May-90	50.0		50.900	101.80
16-May-90	50.0		49.200	98.40
16-May-90	50.0		49.600	99.20
16-May-90	50.0		48.700	97.40
18-May-90	50.0		51.200	102.40
18-May-90	50.0		48.400	96.80
18-May-90	50.0		48.800	97.60
18-May-90	50.0		49.700	99.40
18-May-90	50.0		50.100	100.20
18-May-90	50.0		50.800	101.60
29-May-90	50.0		51.800	103.60
29-May-90	50.0		52.400	104.80
29-May-90	50.0		51.600	103.20
30-May-90	50.0		48.200	96.40
30-May-90	50.0		48.400	96.80
01-Jun-90	50.0		51.100	102.20
01-Jun-90	50.0		50.500	101.00

TABLE 3. DETAIL LISTING OF QUALITY CONTROL CHECK SAMPLE (QCCS) RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Date	True Value	Det Flag	Meas Value	% Recovery
Method: ICP 25 element scan				
Matrix: Laboratory Water				
Analyte = Sodium				
Type of Control Sample = Continuing Calibration Control Sample. continued				
01-Jun-90	50.0		50.300	100.60
05-Jun-90	50.0		49.800	99.60
05-Jun-90	50.0		52.600	105.20
Type of Control Sample = Laboratory Control Sample (QCCS).				
02-May-90	10.0		9.499	94.99
11-May-90	10.0		9.420	94.20
Number of Samples = 42	Mean % Recovery = 101.5		CV (%) = 12.1	
Method: ICP 25 element scan				
Matrix: Laboratory Water				
Analyte = Strontium				
Type of Control Sample = Continuing Calibration Control Sample.				
02-May-90	5.0		4.880	97.60
02-May-90	5.0		4.966	99.32
02-May-90	5.0		4.940	98.80
02-May-90	5.0		4.825	96.50
03-May-90	5.0		5.045	100.90
03-May-90	5.0		5.021	100.42
03-May-90	5.0		5.165	103.30
03-May-90	5.0		5.111	102.22
07-May-90	5.0		4.909	98.18
07-May-90	5.0		4.858	97.16
07-May-90	5.0		4.880	97.60
07-May-90	5.0		4.870	97.40
11-May-90	5.0		5.000	100.00
11-May-90	5.0		4.983	99.66
11-May-90	5.0		4.954	99.08
11-May-90	5.0		5.021	100.42
11-May-90	5.0		5.046	100.92
14-May-90	5.0		5.100	102.00
14-May-90	5.0		5.000	100.00
15-May-90	5.0		5.133	102.66

TABLE 3. DETAIL LISTING OF QUALITY CONTROL CHECK SAMPLE (QCCS) RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Date	True Value	Det Flag	Meas Value	% Recovery
Method: ICP 25 element scan				
Matrix: Laboratory Water				
Analyte = Strontium				
Type of Control Sample = Continuing Calibration Control Sample. continued				
15-May-90	5.0		5.157	103.14
15-May-90	5.0		5.116	102.32
16-May-90	5.0		4.997	99.94
16-May-90	5.0		4.868	97.36
16-May-90	5.0		4.861	97.22
18-May-90	5.0		4.908	98.16
18-May-90	5.0		4.934	98.68
18-May-90	5.0		5.019	100.38
18-May-90	5.0		4.822	96.44
18-May-90	5.0		4.820	96.40
18-May-90	5.0		5.051	101.02
18-May-90	5.0		4.948	98.96
29-May-90	5.0		5.166	103.32
29-May-90	5.0		5.170	103.40
29-May-90	5.0		5.227	104.54
29-May-90	5.0		5.230	104.60
29-May-90	5.0		5.240	104.80
30-May-90	5.0		4.923	98.46
30-May-90	5.0		4.854	97.08
01-Jun-90	5.0		5.220	104.40
01-Jun-90	5.0		5.280	105.60
01-Jun-90	5.0		5.150	103.00
05-Jun-90	5.0		4.872	97.44
05-Jun-90	5.0		4.798	95.96
Type of Control Sample = Laboratory Control Sample (QCCS).				
02-May-90	1.0		0.987	98.70
11-May-90	1.0		0.990	99.00

Number of Samples = 46 Mean % Recovery = 100.1 CV (%) = 2.7

TABLE 3. DETAIL LISTING OF QUALITY CONTROL CHECK SAMPLE (QCCS) RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Method: ICP 25 element scan
Matrix: Laboratory Water
Analyte = Thallium

Type of Control Sample = Continuing Calibration Control Sample.

Date	True Value	Det Flag	Meas Value	% Recovery
02-May-90	5.0		5.150	103.00
02-May-90	5.0		5.080	101.60
02-May-90	5.0		5.130	102.60
02-May-90	5.0		5.140	102.80
03-May-90	5.0		5.130	102.60
03-May-90	5.0		5.100	102.00
03-May-90	5.0		5.330	106.60
03-May-90	5.0		5.070	101.40
07-May-90	5.0		4.820	96.40
07-May-90	5.0		4.760	95.20
07-May-90	5.0		4.830	96.60
07-May-90	5.0		4.710	94.20
11-May-90	5.0		5.040	100.80
11-May-90	5.0		5.050	101.00
11-May-90	5.0		5.060	101.20
11-May-90	5.0		5.100	102.00
14-May-90	5.0		5.000	100.00
14-May-90	5.0		5.100	102.00
15-May-90	5.0		5.070	101.40
15-May-90	5.0		5.170	103.40
15-May-90	5.0		5.130	102.60
16-May-90	5.0		5.000	100.00
16-May-90	5.0		4.970	99.40
16-May-90	5.0		4.870	97.40
18-May-90	5.0		5.050	101.00
18-May-90	5.0		4.840	96.80
18-May-90	5.0		4.920	98.40
18-May-90	5.0		5.310	106.20
18-May-90	5.0		5.180	103.60
18-May-90	5.0		4.870	97.40
18-May-90	5.0		4.830	96.60
29-May-90	5.0		4.940	98.80
29-May-90	5.0		5.000	100.00
29-May-90	5.0		5.160	103.20
30-May-90	5.0		4.760	95.20
30-May-90	5.0		4.840	96.80
01-Jun-90	5.0		5.080	101.60

TABLE 3. DETAIL LISTING OF QUALITY CONTROL CHECK SAMPLE (QCCS) RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Date	True Value	Det Flag	Meas Value	% Recovery
Method: ICP 25 element scan				
Matrix: Laboratory Water				
Analyte = Thallium				
Type of Control Sample = Continuing Calibration Control Sample. continued				
01-Jun-90	5.0		5.070	101.40
01-Jun-90	5.0		5.020	100.40
05-Jun-90	5.0		5.070	101.40
05-Jun-90	5.0		5.110	102.20
Type of Control Sample = Laboratory Control Sample (QCCS).				
02-May-90	1.0		0.955	95.50
11-May-90	1.0		0.980	98.00
Number of Samples = 43	Mean % Recovery = 100.2		CV (%) =	2.9
Method: ICP 25 element scan				
Matrix: Laboratory Water				
Analyte = Vanadium				
Type of Control Sample = Continuing Calibration Control Sample.				
02-May-90	5.0		5.130	102.60
02-May-90	5.0		5.110	102.20
02-May-90	5.0		5.170	103.40
02-May-90	5.0		5.160	103.20
03-May-90	5.0		5.190	103.80
03-May-90	5.0		5.350	107.00
03-May-90	5.0		5.210	104.20
03-May-90	5.0		5.250	105.00
07-May-90	5.0		4.860	97.20
07-May-90	5.0		4.930	98.60
07-May-90	5.0		4.840	96.80
07-May-90	5.0		4.870	97.40
11-May-90	5.0		5.210	104.20
11-May-90	5.0		5.230	104.60
11-May-90	5.0		5.320	106.40
11-May-90	5.0		5.200	104.00
14-May-90	5.0		5.200	104.00
14-May-90	5.0		5.300	106.00
15-May-90	5.0		5.320	106.40

TABLE 3. DETAIL LISTING OF QUALITY CONTROL CHECK SAMPLE (QCCS) RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Date	True Value	Det Flag	Meas Value	% Recovery
Method: ICP 25 element scan				
Matrix: Laboratory Water				
Analyte = Vanadium				
Type of Control Sample = Continuing Calibration Control Sample. continued				
15-May-90	5.0		5.300	106.00
15-May-90	5.0		5.290	105.80
16-May-90	5.0		5.080	101.60
16-May-90	5.0		5.100	102.00
16-May-90	5.0		5.110	102.20
18-May-90	5.0		5.230	104.60
18-May-90	5.0		4.810	96.20
18-May-90	5.0		5.210	104.20
18-May-90	5.0		4.800	96.00
18-May-90	5.0		4.780	95.60
18-May-90	5.0		5.110	102.20
18-May-90	5.0		4.920	98.40
29-May-90	5.0		5.260	105.20
29-May-90	5.0		5.270	105.40
29-May-90	5.0		5.320	106.40
30-May-90	5.0		5.080	101.60
30-May-90	5.0		5.050	101.00
01-Jun-90	5.0		5.140	102.80
01-Jun-90	5.0		5.130	102.60
01-Jun-90	5.0		5.070	101.40
05-Jun-90	5.0		5.130	102.60
05-Jun-90	5.0		5.100	102.00
Type of Control Sample = ICP Interference Check Sample.				
02-May-90	0.50		0.516	102.58
02-May-90	0.50		0.505	100.40
02-May-90	0.50		0.516	102.58
02-May-90	0.50		0.508	100.99
03-May-90	0.50		0.523	103.98
03-May-90	0.50		0.537	106.76
07-May-90	0.50		0.515	102.39
07-May-90	0.50		0.498	99.01
07-May-90	0.50		0.515	102.39
07-May-90	0.50		0.498	99.01
11-May-90	0.50		0.528	104.97
11-May-90	0.50		0.526	104.57
11-May-90	0.50		0.526	104.57

TABLE 3. DETAIL LISTING OF QUALITY CONTROL CHECK SAMPLE (QCCS) RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Date	True Value	Det Flag	Meas Value	% Recovery
Method: ICP 25 element scan				
Matrix: Laboratory Water				
Analyte = Vanadium				
Type of Control Sample = ICP Interference Check Sample. continued				
11-May-90	0.50		0.528	104.97
14-May-90	0.50		0.508	100.99
14-May-90	0.50		0.524	104.17
15-May-90	0.50		0.528	104.97
16-May-90	0.50		0.509	101.19
16-May-90	0.50		0.505	100.40
18-May-90	0.50		0.491	97.61
18-May-90	0.50		0.514	102.19
18-May-90	0.50		0.518	102.98
29-May-90	0.50		0.473	94.04
29-May-90	0.50		0.476	94.63
30-May-90	0.50		0.462	91.85
30-May-90	0.50		0.457	90.85
05-Jun-90	0.50		0.412	81.91
05-Jun-90	0.50		0.415	82.50
18-Jun-90	0.48		0.473	98.54
18-Jun-90	0.48		0.476	99.17
Type of Control Sample = Initial Calibration Control Sample.				
01-Jun-90	0.48		0.436	90.83
01-Jun-90	0.48		0.437	91.04
Type of Control Sample = Laboratory Control Sample (QCCS).				
02-May-90	1.0		0.957	95.70
11-May-90	1.0		0.960	96.00

Number of Samples = 75 Mean % Recovery = 100.8 CV (%) = 5.0

TABLE 3. DETAIL LISTING OF QUALITY CONTROL CHECK SAMPLE (QCCS) RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Method: ICP 25 element scan
Matrix: Laboratory Water
Analyte = Zinc

Type of Control Sample = Continuing Calibration Control Sample.

Date	True Value	Det Flag	Meas Value	% Recovery
02-May-90	5.0		5.140	102.80
02-May-90	5.0		5.180	103.60
02-May-90	5.0		5.040	100.80
03-May-90	5.0		5.180	103.60
03-May-90	5.0		5.160	103.20
03-May-90	5.0		5.310	106.20
03-May-90	5.0		5.281	105.62
07-May-90	5.0		5.140	102.80
07-May-90	5.0		5.130	102.60
07-May-90	5.0		5.100	102.00
11-May-90	5.0		5.250	105.00
11-May-90	5.0		5.230	104.60
11-May-90	5.0		5.210	104.20
11-May-90	5.0		5.200	104.00
14-May-90	5.0		5.200	104.00
14-May-90	5.0		5.300	106.00
15-May-90	5.0		5.280	105.60
15-May-90	5.0		5.240	104.80
15-May-90	5.0		5.320	106.40
16-May-90	5.0		5.020	100.40
16-May-90	5.0		5.040	100.80
16-May-90	5.0		5.160	103.20
18-May-90	5.0		5.040	100.80
18-May-90	5.0		5.070	101.40
18-May-90	5.0		5.090	101.80
18-May-90	5.0		5.180	103.60
18-May-90	5.0		5.130	102.60
18-May-90	5.0		5.230	104.60
29-May-90	5.0		5.340	106.80
29-May-90	5.0		5.280	105.60
29-May-90	5.0		5.330	106.60
30-May-90	5.0		5.070	101.40
30-May-90	5.0		4.940	98.80
01-Jun-90	5.0		5.390	107.80
01-Jun-90	5.0		5.320	106.40
01-Jun-90	5.0		5.460	109.20
05-Jun-90	5.0		4.960	99.20

TABLE 3. DETAIL LISTING OF QUALITY CONTROL CHECK SAMPLE (QCCS) RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Date	True Value	Det Flag	Meas Value	% Recovery
Method: ICP 25 element scan				
Matrix: Laboratory Water				
Analyte = Zinc				
Type of Control Sample = Continuing Calibration Control Sample. continued				
05-Jun-90	5.0		5.380	107.60
Type of Control Sample = ICP Interference Check Sample.				
02-May-90	0.87		0.907	103.78
02-May-90	0.87		0.912	104.35
02-May-90	0.87		0.912	104.35
02-May-90	0.87		0.912	104.35
03-May-90	0.87		0.924	105.72
03-May-90	0.87		0.949	108.58
07-May-90	0.87		0.933	106.75
07-May-90	0.87		0.927	106.06
11-May-90	0.87		0.954	109.15
11-May-90	0.87		0.957	109.50
11-May-90	0.87		0.957	109.50
11-May-90	0.87		0.954	109.15
14-May-90	0.87		0.955	109.27
14-May-90	0.87		0.925	105.84
15-May-90	0.87		0.964	110.30
16-May-90	0.87		0.919	105.15
16-May-90	0.87		0.913	104.46
18-May-90	0.87		0.955	109.27
18-May-90	0.87		0.960	109.84
18-May-90	0.87		0.956	109.38
29-May-90	0.87		0.951	108.81
29-May-90	0.87		0.952	108.92
30-May-90	0.87		0.916	104.81
30-May-90	0.87		0.910	104.12
05-Jun-90	0.87		0.898	102.75
05-Jun-90	0.87		0.926	105.95
18-Jun-90	0.99		0.951	96.16
18-Jun-90	0.99		0.952	96.26
Type of Control Sample = Initial Calibration Control Sample.				
01-Jun-90	0.99		0.968	97.88
01-Jun-90	0.99		0.965	97.57

TABLE 3. DETAIL LISTING OF QUALITY CONTROL CHECK SAMPLE (QCCS) RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Date	True Value	Det Flag	Meas Value	% Recovery
Method: ICP 25 element scan				
Matrix: Laboratory Water				
Analyte = Zinc				
Type of Control Sample = Laboratory Control Sample (QCCS). continued				
Type of Control Sample = Laboratory Control Sample (QCCS).				
02-May-90	1.0		0.982	98.20
11-May-90	1.0		1.000	100.00
Number of Samples = 70	Mean % Recovery = 104.5		CV (%) =	3.3
Method: Nitrate by E353.2				
Matrix: Laboratory Water				
Analyte = Nitrate				
Type of Control Sample = Continuing Calibration Control Sample.				
18-Apr-90	0.91		0.910	99.78
18-Apr-90	0.91		0.940	103.07
19-Apr-90	0.91		0.970	106.36
20-Apr-90	0.91		0.960	105.26
26-Apr-90	1.3		1.300	104.00
27-Apr-90	1.1		1.030	98.10
27-Apr-90	1.1		1.050	100.00
01-May-90	1.1		1.000	94.34
02-May-90	1.1		1.020	96.23
08-May-90	0.91		0.940	103.30
08-May-90	0.91		0.920	101.10
08-May-90	0.91		0.930	102.20
09-May-90	0.91		0.930	102.20
09-May-90	0.91		0.960	105.49
10-May-90	1.1		0.960	90.57
10-May-90	1.1		1.020	96.23
10-May-90	1.1		1.000	94.34
10-May-90	1.1		1.010	95.28
11-May-90	0.91		0.870	95.60
11-May-90	0.91		0.910	100.00
Number of Samples = 20	Mean % Recovery = 99.7		CV (%) =	4.4

TABLE 3. DETAIL LISTING OF QUALITY CONTROL CHECK SAMPLE (QCCS) RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Method: Nitrate by E353.2
Matrix: Laboratory Water
Analyte = Nitrate
Type of Control Sample = Continuing Calibration Control Sample. continued

Method: Orthophosphate
Matrix: Laboratory Water
Analyte = Orthophosphate

Type of Control Sample = Continuing Calibration Control Sample.

Date	True Value	Det Flag	Meas Value	% Recovery
18-Apr-90	0.72		0.683	94.86
19-Apr-90	2.9		2.810	96.90
19-Apr-90	2.9		2.870	98.97
20-Apr-90	0.72		0.716	99.44
20-Apr-90	0.72		0.676	93.89
24-Apr-90	0.72		0.696	96.67
24-Apr-90	0.72		0.702	97.50
26-Apr-90	0.72		0.710	98.61
01-May-90	0.72		0.718	99.72
01-May-90	0.72		0.719	99.86
02-May-90	0.72		0.739	102.64
02-May-90	0.72		0.786	109.17
08-May-90	0.50		0.506	101.20
08-May-90	0.50		0.507	101.40
09-May-90	0.72		0.717	99.58
09-May-90	0.50		0.488	97.60
09-May-90	0.72		0.712	98.89
10-May-90	0.50		0.489	97.80
10-May-90	0.50		0.502	100.40
10-May-90	0.50		0.508	101.60
11-May-90	0.50		0.478	95.60
11-May-90	0.50		0.477	95.40

Number of Samples = 22 Mean % Recovery = 99.0 CV (%) = 3.3

TABLE 3. DETAIL LISTING OF QUALITY CONTROL CHECK SAMPLE (QCCS) RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Method: Lead by SW7421
Matrix: Laboratory Water
Analyte = Lead

Type of Control Sample = Continuing Calibration Control Sample.

Date	True Value	Det Flag	Meas Value	% Recovery
03-May-90	0.050		0.051	101.40
03-May-90	0.050		0.053	106.20
03-May-90	0.050		0.053	106.00
03-May-90	0.050		0.054	107.60
03-May-90	0.050		0.054	107.40
07-May-90	0.050		0.054	108.80
07-May-90	0.050		0.053	106.20
07-May-90	0.050		0.052	103.80
07-May-90	0.050		0.053	106.60
10-May-90	0.050		0.047	94.80
10-May-90	0.050		0.051	101.40
10-May-90	0.050		0.048	95.00
14-May-90	0.050		0.052	103.40
14-May-90	0.050		0.050	100.00
14-May-90	0.050		0.051	102.00
14-May-90	0.050		0.049	98.20
14-May-90	0.050		0.051	102.00
14-May-90	0.050		0.050	99.00
17-May-90	0.050		0.051	101.40
17-May-90	0.050		0.052	104.40
17-May-90	0.050		0.052	104.20
17-May-90	0.050		0.054	108.00
17-May-90	0.050		0.052	103.40
18-May-90	0.050		0.052	103.60
18-May-90	0.050		0.054	108.80
18-May-90	0.050		0.052	104.00
18-May-90	0.050		0.054	108.00
18-May-90	0.050		0.055	109.80
18-May-90	0.050		0.053	106.80
21-May-90	0.050		0.052	104.60
21-May-90	0.050		0.046	92.00
21-May-90	0.050		0.055	110.00
21-May-90	0.050		0.050	100.00
21-May-90	0.050		0.052	103.20
21-May-90	0.050		0.049	98.00
30-May-90	0.050		0.054	107.40
30-May-90	0.050		0.055	110.20

TABLE 3. DETAIL LISTING OF QUALITY CONTROL CHECK SAMPLE (QCCS) RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Date	True Value	Det Flag	Meas Value	% Recovery
Method: Lead by SW7421				
Matrix: Laboratory Water				
Analyte = Lead				
Type of Control Sample = Continuing Calibration Control Sample. continued				
30-May-90	0.050		0.054	107.80
31-May-90	0.050		0.052	103.00
31-May-90	0.050		0.050	99.60
02-Jun-90	0.050		0.048	96.00
02-Jun-90	0.050		0.054	108.00
02-Jun-90	0.050		0.048	96.00
02-Jun-90	0.050		0.049	98.00
05-Jun-90	0.050		0.049	98.80
05-Jun-90	0.050		0.050	100.40
05-Jun-90	0.050		0.050	99.20
05-Jun-90	0.050		0.051	101.80
06-Jun-90	0.050		0.049	97.80
06-Jun-90	0.050		0.051	101.40
06-Jun-90	0.050		0.053	106.20
06-Jun-90	0.050		0.050	100.00
07-Jun-90	0.050		0.052	104.00
07-Jun-90	0.050		0.054	108.00
07-Jun-90	0.050		0.054	108.00
07-Jun-90	0.050		0.054	108.00
Type of Control Sample = Laboratory Control Sample (QCCS).				
02-May-90	0.050		0.053	106.60
21-May-90	0.050		0.055	110.00

Number of Samples = 58 Mean % Recovery = 103.4 CV (%) = 4.3

TABLE 3. DETAIL LISTING OF QUALITY CONTROL CHECK SAMPLE (QCCS) RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Method: Selenium by SW7740
Matrix: Laboratory Water
Analyte = Selenium

Type of Control Sample = Continuing Calibration Control Sample.

Date	True Value	Det Flag	Meas Value	% Recovery
02-May-90	0.050		0.047	94.80
02-May-90	0.050		0.048	96.80
02-May-90	0.050		0.053	105.60
02-May-90	0.050		0.047	94.00
02-May-90	0.050		0.053	105.80
02-May-90	0.050		0.052	103.80
02-May-90	0.050		0.048	95.40
02-May-90	0.050		0.048	96.40
02-May-90	0.050		0.054	108.80
07-May-90	0.050		0.054	108.00
07-May-90	0.050		0.052	104.60
07-May-90	0.050		0.051	101.80
07-May-90	0.050		0.047	94.20
07-May-90	0.050		0.050	99.20
07-May-90	0.050		0.051	101.40
07-May-90	0.050		0.054	108.00
07-May-90	0.050		0.045	90.00
10-May-90	0.050		0.053	106.20
10-May-90	0.050		0.048	96.00
21-May-90	0.050		0.046	92.00
21-May-90	0.050		0.047	94.00
21-May-90	0.050		0.049	98.00
23-May-90	0.050		0.046	92.60
23-May-90	0.050		0.045	90.40
23-May-90	0.050		0.046	92.00
31-May-90	0.050		0.050	100.80
31-May-90	0.050		0.051	101.80
31-May-90	0.050		0.046	92.20
31-May-90	0.050		0.050	100.40
31-May-90	0.050		0.045	90.20
31-May-90	0.050		0.045	89.60
31-May-90	0.050		0.053	106.00
31-May-90	0.050		0.050	100.60
31-May-90	0.050		0.048	96.40
04-Jun-90	0.050		0.048	96.20
04-Jun-90	0.050		0.048	96.00
04-Jun-90	0.050		0.047	94.60

TABLE 3. DETAIL LISTING OF QUALITY CONTROL CHECK SAMPLE (QCCS) RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Date	True Value	Det Flag	Meas Value	% Recovery
Method: Selenium by SW7740				
Matrix: Laboratory Water				
Analyte = Selenium				
Type of Control Sample = Continuing Calibration Control Sample. continued				
04-Jun-90	0.050		0.046	91.80
06-Jun-90	0.050		0.045	90.00
06-Jun-90	0.050		0.048	96.00
06-Jun-90	0.050		0.048	96.00
06-Jun-90	0.050		0.047	94.00
07-Jun-90	0.050		0.050	100.00
07-Jun-90	0.050		0.050	100.00
08-Jun-90	0.050		0.047	94.00
08-Jun-90	0.050		0.047	94.00
Type of Control Sample = Laboratory Control Sample (QCCS).				
02-May-90	0.050		0.045	90.00
Number of Samples = 47	Mean % Recovery =	97.5	CV (%) =	5.7

Method: Sulfate				
Matrix: Laboratory Water				
Analyte = Sulfate				
Type of Control Sample = Continuing Calibration Control Sample.				
24-Apr-90	25.0		25.890	103.56
25-Apr-90	25.0		25.390	101.56
25-Apr-90	25.0		24.550	98.20
27-Apr-90	25.0		24.920	99.68
27-Apr-90	25.0		23.750	95.00
09-May-90	25.0		24.180	96.72
09-May-90	25.0		24.200	96.80
09-May-90	25.0		24.340	97.36
09-May-90	25.0		24.820	99.28
09-May-90	25.0		24.980	99.92
25-May-90	20.0		19.550	97.75
25-May-90	20.0		19.900	99.50
25-May-90	20.0		19.210	96.05

TABLE 3. DETAIL LISTING OF QUALITY CONTROL CHECK SAMPLE (QCCS) RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Date	True Value	Det Flag	Meas Value	% Recovery

Method: Sulfate
Matrix: Laboratory Water
Analyte = Sulfate
Type of Control Sample = Continuing Calibration Control Sample. continued

Number of Samples = 13 Mean % Recovery = 98.6 CV (%) = 2.4

Method: Total dissolved solids
Matrix: Laboratory Water
Analyte = Total dissolved solids

Type of Control Sample = Laboratory Control Sample (QCCS).

24-Apr-90	403.0		402.000	99.75
26-Apr-90	403.0		397.000	98.51
02-May-90	403.0		386.000	95.78
03-May-90	403.0		427.000	105.96
07-May-90	980.0		1004.000	102.45
08-May-90	980.0		989.000	100.92

Number of Samples = 6 Mean % Recovery = 100.6 CV (%) = 3.5

TABLE 4. DETAILED LISTING OF SPIKE RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Date	Lab ID	Lab Fraction	Flag	Sample Result	Spiked Sample Result	Spike Added	% Recovery
Method: Halocarbons by EPA 601							
Matrix: Groundwater							
Spiked Analyte = 1,1-Dichloroethene							
Type of Spike = Matrix Spike.							
05-May-90	S005015	01D		0.00	38.0	100.0	38.00
05-May-90	S005015	01C		0.00	40.0	100.0	40.00
06-May-90	S005015	01H		0.00	92.0	100.0	92.00
06-May-90	S005015	01G		0.00	89.0	100.0	89.00

Number of Samples = 4 — Below acceptance = 0
Mean % Recovery = 64 — Above acceptance = 0
Standard Deviation = 29.76 — Acceptance Criteria 28.00 - 167.00

Method: Halocarbons by EPA 601							
Matrix: Groundwater							
Spiked Analyte = 1-Bromo-4-fluorobenzene							
Type of Spike = Surrogate Spike.							
23-Apr-90	S004196	01A		0.00	135.0	100.0	135.00
24-Apr-90	S004196	03B		0.00	127.0	100.0	127.00
24-Apr-90	S004196	01B		0.00	121.0	100.0	121.00
24-Apr-90	S004196	05A		0.00	133.0	100.0	133.00
24-Apr-90	S004196	03A		0.00	151.0	100.0	151.00
24-Apr-90	S004196	05B		0.00	120.0	100.0	120.00
28-Apr-90	S004184	03A		0.00	91.0	100.0	91.00
30-Apr-90	S004184	04B		0.00	117.0	100.0	117.00
30-Apr-90	S004184	01A		0.00	122.0	100.0	122.00
30-Apr-90	S004184	04A		0.00	93.0	100.0	93.00
30-Apr-90	S004184	05A		0.00	103.0	100.0	103.00
30-Apr-90	S004184	03B		0.00	118.0	100.0	118.00
01-May-90	S004184	01B		0.00	121.0	100.0	121.00
02-May-90	S004184	05B		0.00	127.0	100.0	127.00
04-May-90	S004267	10A		0.00	131.0	100.0	131.00
05-May-90	S005015	01C		0.00	129.0	100.0	129.00
05-May-90	S005015	01A		0.00	130.0	100.0	130.00
05-May-90	S005015	01D		0.00	126.0	100.0	126.00
05-May-90	S004267	10B		0.00	118.0	100.0	118.00

NC: Not Calculable

TABLE 4. DETAILED LISTING OF SPIKE RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Date	Lab ID	Lab Fraction	Flag	Sample Result	Spiked Sample Result	Spike Added	% Recovery
Method: Halocarbons by EPA 601							
Matrix: Groundwater							
Spiked Analyte = 1-Bromo-4-fluorobenzene							
Type of Spike = Surrogate Spike. continued							
06-May-90	S005015	01G		0.00	129.0	100.0	129.00
06-May-90	S005015	01H		0.00	147.0	100.0	147.00
06-May-90	S005015	01B		0.00	118.0	100.0	118.00
07-May-90	S005015	03A		0.00	146.0	100.0	146.00
07-May-90	S005015	03B		0.00	120.0	100.0	120.00
07-May-90	S005015	05A		0.00	105.0	100.0	105.00
07-May-90	S005015	05B		0.00	123.0	100.0	123.00
07-May-90	S005015	06A		0.00	132.0	100.0	132.00
07-May-90	S005015	06B		0.00	124.0	100.0	124.00
08-May-90	S004283	01A		0.00	132.0	100.0	132.00
09-May-90	S004283	06B		0.00	98.0	100.0	98.00
09-May-90	S004283	07A		0.00	129.0	100.0	129.00
09-May-90	S004283	06A		0.00	129.0	100.0	129.00
09-May-90	S004283	07B		0.00	118.0	100.0	118.00
09-May-90	S004283	01B		0.00	132.0	100.0	132.00
09-May-90	S004283	05A		0.00	134.0	100.0	134.00
09-May-90	S004283	05B		0.00	114.0	100.0	114.00
10-May-90	S004295	01A		0.00	148.0	100.0	148.00
10-May-90	S004295	01B		0.00	115.0	100.0	115.00
11-May-90	S005014	03A		0.00	105.0	100.0	105.00
11-May-90	S004301	01B		0.00	109.0	100.0	109.00
11-May-90	S004301	01A		0.00	146.0	100.0	146.00
11-May-90	S005014	04A		0.00	117.0	100.0	117.00
11-May-90	S004301	03A		0.00	136.0	100.0	136.00
11-May-90	S004301	03B		0.00	100.0	100.0	100.00
11-May-90	S004301	04A		0.00	143.0	100.0	143.00
11-May-90	S004301	04B		0.00	102.0	100.0	102.00
12-May-90	S005014	01A		0.00	117.0	100.0	117.00
13-May-90	S005014	03B		0.00	124.0	100.0	124.00
13-May-90	S005014	04B		0.00	130.0	100.0	130.00
13-May-90	S005014	06A		0.00	95.0	100.0	95.00
13-May-90	S005014	07A		0.00	112.0	100.0	112.00
13-May-90	S005014	01B		0.00	126.0	100.0	126.00
14-May-90	S005014	07B		0.00	116.0	100.0	116.00
14-May-90	S005014	06B		0.00	117.0	100.0	117.00
19-May-90	S005078	04A		0.00	80.0	100.0	80.00

NC: Not Calculable

TABLE 4. DETAILED LISTING OF SPIKE RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Method: Halocarbons by EPA 601
Matrix: Groundwater
Spiked Analyte = 1-Bromo-4-fluorobenzene
Type of Spike = Surrogate Spike. continued

Date	Lab ID	Lab Fraction	Flag	Sample Result	Spiked Sample Result	Spike Added	% Recovery
19-May-90	S005078	01A		0.00	137.0	100.0	137.00
19-May-90	S005078	03A		0.00	133.0	100.0	133.00
19-May-90	S005078	08A		0.00	112.0	100.0	112.00
19-May-90	S005078	06A		0.00	121.0	100.0	121.00
20-May-90	S005078	01B		0.00	115.0	100.0	115.00
21-May-90	S005078	04B		0.00	111.0	100.0	111.00
21-May-90	S005078	03B		0.00	117.0	100.0	117.00
21-May-90	S005078	08B		0.00	128.0	100.0	128.00
24-May-90	S005107	06A		0.00	105.0	100.0	105.00
24-May-90	S005107	04B		0.00	110.0	100.0	110.00
24-May-90	S005107	04A		0.00	126.0	100.0	126.00
24-May-90	S005107	03B		0.00	113.0	100.0	113.00
24-May-90	S005107	03A		0.00	115.0	100.0	115.00
24-May-90	S005107	09A		0.00	111.0	100.0	111.00
24-May-90	S005107	08B		0.00	121.0	100.0	121.00
24-May-90	S005107	08A		0.00	110.0	100.0	110.00
24-May-90	S005107	02B		0.00	125.0	100.0	125.00
24-May-90	S005107	02A		0.00	137.0	100.0	137.00
24-May-90	S005107	06B		0.00	117.0	100.0	117.00
25-May-90	S005117	01A		0.00	123.0	100.0	123.00
25-May-90	S005117	03A		0.00	130.0	100.0	130.00
25-May-90	S005117	16A		0.00	140.0	100.0	140.00
25-May-90	S005117	15A		0.00	78.0	100.0	78.00
25-May-90	S005117	12A		0.00	104.0	100.0	104.00
25-May-90	S005117	11A		0.00	114.0	100.0	114.00
25-May-90	S005117	02A		0.00	132.0	100.0	132.00
25-May-90	S005117	10A		0.00	112.0	100.0	112.00
25-May-90	S005117	06A		0.00	115.0	100.0	115.00
25-May-90	S005117	07A		0.00	104.0	100.0	104.00
25-May-90	S005117	09A		0.00	106.0	100.0	106.00
25-May-90	S005117	08A		0.00	125.0	100.0	125.00
25-May-90	S005117	05A		0.00	117.0	100.0	117.00

Number of Samples = 87
Mean % Recovery = 120
Standard Deviation = 14.25

Below acceptance = 0
Above acceptance = 6
Acceptance Criteria 40.00 - 140.00

NC: Not Calculable

TABLE 4. DETAILED LISTING OF SPIKE RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Date	Lab ID	Lab Fraction	Flag	Sample Result	Spiked Sample Result	Spike Added	% Recovery
Method: Halocarbons by EPA 601							
Matrix: Groundwater							
Spiked Analyte = 1-Bromo-4-fluorobenzene							
Type of Spike = Surrogate Spike. continued							
Method: Halocarbons by EPA 601							
Matrix: Groundwater							
Spiked Analyte = Chlorobenzene							
Type of Spike = Matrix Spike.							
05-May-90	S005015	01C		0.00	98.0	100.0	98.00
05-May-90	S005015	01D		0.00	95.0	100.0	95.00
06-May-90	S005015	01H		0.00	125.0	100.0	125.00
06-May-90	S005015	01G		0.00	107.0	100.0	107.00
Number of Samples = 4					Below acceptance = 0		
Mean % Recovery = 106					Above acceptance = 0		
Standard Deviation = 13.50					Acceptance Criteria 38.00 - 150.00		
Method: Halocarbons by EPA 601							
Matrix: Groundwater							
Spiked Analyte = Trichloroethene							
Type of Spike = Matrix Spike.							
05-May-90	S005015	01D		0.00	76.0	100.0	76.00
05-May-90	S005015	01C		0.00	80.0	100.0	80.00
06-May-90	S005015	01G		0.00	86.0	100.0	86.00
06-May-90	S005015	01H		0.00	93.0	100.0	93.00
Number of Samples = 4					Below acceptance = 0		
Mean % Recovery = 83					Above acceptance = 0		
Standard Deviation = 7.41					Acceptance Criteria 35.00 - 146.00		

NC: Not Calculable

TABLE 4. DETAILED LISTING OF SPIKE RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Date	Lab ID	Lab Fraction	Flag	Sample Result	Spiked Sample Result	Spike Added	% Recovery
Method: Halocarbons by EPA 601							
Matrix: Water (Field/Trip QC)							
Spiked Analyte = 1,1-Dichloroethene							
Type of Spike = Matrix Spike.							
08-May-90	S004283	02A		0.00	79.0	100.0	79.00
08-May-90	S004283	03A		0.00	72.0	100.0	72.00
09-May-90	S004283	03B		0.00	88.0	100.0	88.00
09-May-90	S004283	02B		0.00	89.0	100.0	89.00
10-May-90	S004295	02B		0.00	87.0	100.0	87.00
10-May-90	S004295	03A		0.00	83.0	100.0	83.00
10-May-90	S004295	02A		0.00	75.0	100.0	75.00
10-May-90	S004295	03B		0.00	89.0	100.0	89.00

Number of Samples = 8 | Below acceptance = 0
Mean % Recovery = 82 | Above acceptance = 0
Standard Deviation = 6.69 | Acceptance Criteria 28.00 - 167.00

Date	Lab ID	Lab Fraction	Flag	Sample Result	Spiked Sample Result	Spike Added	% Recovery
Method: Halocarbons by EPA 601							
Matrix: Water (Field/Trip QC)							
Spiked Analyte = 1-Bromo-4-fluorobenzene							
Type of Spike = Surrogate Spike.							
08-May-90	S004283	02A		0.00	109.0	100.0	109.00
08-May-90	S004283	03A		0.00	127.0	100.0	127.00
09-May-90	S004283	02B		0.00	137.0	100.0	137.00
09-May-90	S004295	05A		0.00	96.0	100.0	96.00
09-May-90	S004283	03B		0.00	123.0	100.0	123.00
10-May-90	S004295	02A		0.00	138.0	100.0	138.00
10-May-90	S004295	03B		0.00	132.0	100.0	132.00
10-May-90	S004295	03A		0.00	141.0	100.0	141.00
10-May-90	S004295	05B		0.00	114.0	100.0	114.00
10-May-90	S004295	02B		0.00	130.0	100.0	130.00
12-May-90	S005014	05A		0.00	119.0	100.0	119.00
14-May-90	S005014	05B		0.00	134.0	100.0	134.00
19-May-90	S005078	07A		0.00	127.0	100.0	127.00
21-May-90	S005078	07B		0.00	109.0	100.0	109.00
24-May-90	S005107	07B		0.00	108.0	100.0	108.00

NC: Not Calculable

TABLE 4. DETAILED LISTING OF SPIKE RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Date	Lab ID	Lab Fraction	Flag	Sample Result	Spiked Sample Result	Spike Added	% Recovery
Method: Halocarbons by EPA 601							
Matrix: Water (Field/Trip QC)							
Spiked Analyte = 1-Bromo-4-fluorobenzene							
Type of Spike = Surrogate Spike. continued							
24-May-90	S005107	07A		0.00	98.0	100.0	98.00

Number of Samples = 16 — Below acceptance = 0
Mean % Recovery = 121 — Above acceptance = 1
Standard Deviation = 14.26 — Acceptance Criteria 40.00 - 140.00

Method: Halocarbons by EPA 601							
Matrix: Water (Field/Trip QC)							
Spiked Analyte = Chlorobenzene							
Type of Spike = Matrix Spike.							
08-May-90	S004283	03A		0.00	105.0	100.0	105.00
08-May-90	S004283	02A		0.00	98.0	100.0	98.00
09-May-90	S004283	02B		0.00	106.0	100.0	106.00
09-May-90	S004283	03B		0.00	99.0	100.0	99.00
10-May-90	S004295	02A		0.00	112.0	100.0	112.00
10-May-90	S004295	03B		0.00	126.0	100.0	126.00
10-May-90	S004295	03A		0.00	120.0	100.0	120.00
10-May-90	S004295	02B		0.00	109.0	100.0	109.00

Number of Samples = 8 — Below acceptance = 0
Mean % Recovery = 109 — Above acceptance = 0
Standard Deviation = 9.73 — Acceptance Criteria 38.00 - 150.00

NC: Not Calculable

TABLE 4. DETAILED LISTING OF SPIKE RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Date	Lab ID	Lab Fraction	Flag	Sample Result	Spiked Sample Result	Spike Added	% Recovery
Method: Halocarbons by EPA 601							
Matrix: Water (Field/Trip QC)							
Spiked Analyte = Trichloroethene							
Type of Spike = Matrix Spike.							
08-May-90	S004283	03A		0.00	90.0	100.0	90.00
08-May-90	S004283	02A		0.00	98.0	100.0	98.00
09-May-90	S004283	03B		0.00	95.0	100.0	95.00
09-May-90	S004283	02B		0.00	94.0	100.0	94.00
10-May-90	S004295	02B		0.00	106.0	100.0	106.00
10-May-90	S004295	03A		0.00	182.0	100.0	182.00
10-May-90	S004295	02A		0.00	168.0	100.0	168.00
10-May-90	S004295	03B		0.00	84.0	100.0	84.00

Number of Samples = 8 — Below acceptance = 0
Mean % Recovery = 114 — Above acceptance = 2
Standard Deviation = 37.97 — Acceptance Criteria 35.00 - 146.00

Date	Lab ID	Lab Fraction	Flag	Sample Result	Spiked Sample Result	Spike Added	% Recovery
Method: Halocarbons by EPA 601							
Matrix: Surface Water							
Spiked Analyte = 1-Bromo-4-fluorobenzene							
Type of Spike = Surrogate Spike.							
20-May-90	S005090	12A		0.00	121.0	100.0	121.00
22-May-90	S005090	09A		0.00	117.0	100.0	117.00
22-May-90	S005090	08A		0.00	90.0	100.0	90.00
22-May-90	S005090	07A		0.00	101.0	100.0	101.00
22-May-90	S005090	06A		0.00	135.0	100.0	135.00
22-May-90	S005090	18A		0.00	117.0	100.0	117.00
22-May-90	S005090	05A		0.00	106.0	100.0	106.00
22-May-90	S005090	16A		0.00	122.0	100.0	122.00
22-May-90	S005090	15A		0.00	92.0	100.0	92.00
22-May-90	S005090	02A		0.00	134.0	100.0	134.00
22-May-90	S005090	01A		0.00	110.0	100.0	110.00
22-May-90	S005090	14A		0.00	131.0	100.0	131.00
22-May-90	S005090	13A		0.00	108.0	100.0	108.00
22-May-90	S005090	17A		0.00	105.0	100.0	105.00
22-May-90	S005090	11A		0.00	117.0	100.0	117.00

NC: Not Calculable

TABLE 4. DETAILED LISTING OF SPIKE RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Date	Lab ID	Lab Fraction	Flag	Sample Result	Spiked Sample Result	Spike Added	% Recovery
Method: Halocarbons by EPA 601							
Matrix: Surface Water							
Spiked Analyte = 1-Bromo-4-fluorobenzene							
Type of Spike = Surrogate Spike. continued							
22-May-90	S005090	10A		0.00	125.0	100.0	125.00

Number of Samples = 16 Below acceptance = 0
Mean % Recovery = 114 Above acceptance = 0
Standard Deviation = 13.69 Acceptance Criteria 40.00 - 140.00

Method: Halocarbons by EPA 601							
Matrix: Laboratory Water							
Spiked Analyte = 1-Bromo-4-fluorobenzene							
Type of Spike = Matrix Spike.							
05-May-90	S005015	01C		0.00	129.0	100.0	129.00
05-May-90	S005015	01D		0.00	126.0	100.0	126.00
06-May-90	S005015	01G		0.00	129.0	100.0	129.00
06-May-90	S005015	01H		0.00	147.0	100.0	147.00
08-May-90	S004283	03A		0.00	127.0	100.0	127.00
08-May-90	S004283	02A		0.00	109.0	100.0	109.00
09-May-90	S004283	03B		0.00	123.0	100.0	123.00
09-May-90	S004283	02B		0.00	137.0	100.0	137.00
10-May-90	S004295	02B		0.00	130.0	100.0	130.00
10-May-90	S004295	03A		0.00	141.0	100.0	141.00
10-May-90	S004295	03B		0.00	132.0	100.0	132.00
10-May-90	S004295	02A		0.00	138.0	100.0	138.00
Type of Spike = Surrogate Spike.							
23-Apr-90	S004196	06A		0.00	131.0	100.0	131.00
23-Apr-90	S004196	06D		0.00	120.0	100.0	120.00
24-Apr-90	S004196	06B		0.00	135.0	100.0	135.00
24-Apr-90	S004196	02B		0.00	124.0	100.0	124.00
24-Apr-90	S004196	02A		0.00	104.0	100.0	104.00
24-Apr-90	S004196	06C		0.00	135.0	100.0	135.00
28-Apr-90	S004184	06A		0.00	138.0	100.0	138.00
28-Apr-90	S004184	02A		0.00	131.0	100.0	131.00

NC: Not Calculable

TABLE 4. DETAILED LISTING OF SPIKE RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Method: Halocarbons by EPA 601
Matrix: Laboratory Water
Spiked Analyte = 1-Bromo-4-fluorobenzene
Type of Spike = Surrogate Spike. continued

Date	Lab ID	Lab Fraction	Flag	Sample Result	Spiked Sample Result	Spike Added	% Recovery
29-Apr-90	S004184	06D		0.00	142.0	100.0	142.00
30-Apr-90	S004184	06B		0.00	113.0	100.0	113.00
30-Apr-90	S004184	02B		0.00	128.0	100.0	128.00
30-Apr-90	S004184	06C		0.00	152.0	100.0	152.00
01-May-90	S004184	06E		0.00	125.0	100.0	125.00
02-May-90	S004184	06F		0.00	120.0	100.0	120.00
04-May-90	S004267	11A		0.00	129.0	100.0	129.00
05-May-90	S005015	04A		0.00	123.0	100.0	123.00
05-May-90	S005015	02A		0.00	115.0	100.0	115.00
05-May-90	S005015	07A		0.00	101.0	100.0	101.00
05-May-90	S004267	11B		0.00	121.0	100.0	121.00
06-May-90	S005015	07B		0.00	124.0	100.0	124.00
06-May-90	S005015	02B		0.00	109.0	100.0	109.00
06-May-90	S005015	04B		0.00	127.0	100.0	127.00
07-May-90	S005015	07D		0.00	123.0	100.0	123.00
07-May-90	S005015	07C		0.00	126.0	100.0	126.00
08-May-90	S004283	09A		0.00	126.0	100.0	126.00
08-May-90	S004283	04A		0.00	127.0	100.0	127.00
08-May-90	S004283	08A		0.00	133.0	100.0	133.00
09-May-90	S004283	09B		0.00	118.0	100.0	118.00
09-May-90	S004283	08B		0.00	122.0	100.0	122.00
09-May-90	S004283	04B		0.00	104.0	100.0	104.00
09-May-90	S004301	05A		0.00	140.0	100.0	140.00
09-May-90	S004295	06A		0.00	139.0	100.0	139.00
09-May-90	S004295	04A		0.00	109.0	100.0	109.00
09-May-90	S004283	09C		0.00	139.0	100.0	139.00
10-May-90	S004295	06C		0.00	124.0	100.0	124.00
10-May-90	S004301	05B		0.00	117.0	100.0	117.00
10-May-90	S004301	02A		0.00	131.0	100.0	131.00
10-May-90	S004301	02B		0.00	114.0	100.0	114.00
10-May-90	S004295	06B		0.00	117.0	100.0	117.00
10-May-90	S004295	04B		0.00	122.0	100.0	122.00
11-May-90	S004301	05C		0.00	130.0	100.0	130.00
11-May-90	S004301	05D		0.00	115.0	100.0	115.00
11-May-90	S005014	08A		0.00	130.0	100.0	130.00
12-May-90	S005014	08C		0.00	132.0	100.0	132.00

NC: Not Calculable

TABLE 4. DETAILED LISTING OF SPIKE RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Date	Lab ID	Lab Fraction	Flag	Sample Result	Spiked Sample Result	Spike Added	% Recovery
Method: Halocarbons by EPA 601							
Matrix: Laboratory Water							
Spiked Analyte = 1-Bromo-4-fluorobenzene							
Type of Spike = Surrogate Spike. continued							
12-May-90	S005014	02A		0.00	131.0	100.0	131.00
13-May-90	S005014	08B		0.00	133.0	100.0	133.00
14-May-90	S005014	08D		0.00	116.0	100.0	116.00
14-May-90	S005014	02B		0.00	113.0	100.0	113.00
19-May-90	S005078	02A		0.00	132.0	100.0	132.00
19-May-90	S005078	09A		0.00	132.0	100.0	132.00
19-May-90	S005078	05A		0.00	122.0	100.0	122.00
20-May-90	S005078	02B		0.00	114.0	100.0	114.00
20-May-90	S005078	09B		0.00	125.0	100.0	125.00
21-May-90	S005078	09C		0.00	120.0	100.0	120.00
21-May-90	S005078	05B		0.00	116.0	100.0	116.00
22-May-90	S005090	03A		0.00	115.0	100.0	115.00
22-May-90	S005090	19A		0.00	118.0	100.0	118.00
22-May-90	S005090	20A		0.00	126.0	100.0	126.00
24-May-90	S005107	01A		0.00	142.0	100.0	142.00
24-May-90	S005107	05B		0.00	116.0	100.0	116.00
24-May-90	S005107	05A		0.00	145.0	100.0	145.00
24-May-90	S005107	10B		0.00	121.0	100.0	121.00
24-May-90	S005107	10A		0.00	140.0	100.0	140.00
24-May-90	S005107	01B		0.00	122.0	100.0	122.00
25-May-90	S005117	13A		0.00	134.0	100.0	134.00
25-May-90	S005117	17A		0.00	116.0	100.0	116.00
25-May-90	S005117	18A		0.00	130.0	100.0	130.00

Number of Samples = 79
Mean % Recovery = 125
Standard Deviation = 10.38

Below acceptance = 0
Above acceptance = 6
Acceptance Criteria 40.00 - 140.00

NC: Not Calculable

TABLE 4. DETAILED LISTING OF SPIKE RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Date	Lab ID	Lab Fraction	Flag	Sample Result	Spiked Sample Result	Spike Added	% Recovery
Method: Aromatics by EPA 602							
Matrix: Groundwater							
Spiked Analyte = 1-Bromo-4-fluorobenzene							
Type of Spike = Surrogate Spike.							
22-Apr-90	S004196	04A		0.00	90.0	100.0	90.00
01-May-90	S004228	01A		0.00	93.0	100.0	93.00
01-May-90	S004217	03A		0.00	55.0	100.0	55.00
02-May-90	S004217	01A		0.00	29.0	100.0	29.00
02-May-90	S004228	03B		0.00	110.0	100.0	110.00
02-May-90	S004228	01B		0.00	102.0	100.0	102.00
02-May-90	S004217	07A		0.00	39.0	100.0	39.00
02-May-90	S004217	05A		0.00	48.0	100.0	48.00
03-May-90	S004217	03B		0.00	115.0	100.0	115.00
03-May-90	S004217	05B		0.00	100.0	100.0	100.00
03-May-90	S004217	07B		0.00	109.0	100.0	109.00
03-May-90	S004217	01B		0.00	113.0	100.0	113.00
03-May-90	S004228	03A		0.00	17.0	100.0	17.00
04-May-90	S004267	03A		0.00	84.0	100.0	84.00
04-May-90	S004267	04A		0.00	99.0	100.0	99.00
04-May-90	S004267	01A		0.00	102.0	100.0	102.00
04-May-90	S004267	06A		0.00	92.0	100.0	92.00
04-May-90	S004267	07A		0.00	90.0	100.0	90.00
04-May-90	S004252	02A		0.00	85.0	100.0	85.00
05-May-90	S004267	07B		0.00	112.0	100.0	112.00
05-May-90	S004267	03B		0.00	112.0	100.0	112.00
05-May-90	S004267	06B		0.00	106.0	100.0	106.00
05-May-90	S004267	01B		0.00	101.0	100.0	101.00
05-May-90	S004267	04B		0.00	108.0	100.0	108.00
06-May-90	S004252	02B		0.00	158.0	100.0	158.00
06-May-90	S004252	01B		0.00	183.0	100.0	183.00
23-May-90	S005101	15A		0.00	98.0	100.0	98.00
23-May-90	S005101	13A		0.00	95.0	100.0	95.00
23-May-90	S005101	18A		0.00	102.0	100.0	102.00
23-May-90	S005101	17A		0.00	92.0	100.0	92.00
23-May-90	S005101	16A		0.00	106.0	100.0	106.00
23-May-90	S005101	14A		0.00	103.0	100.0	103.00
24-May-90	S005107	11A		0.00	98.0	100.0	98.00

Number of Samples = 33 Below acceptance = 3

NC: Not Calculable

TABLE 4. DETAILED LISTING OF SPIKE RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Date	Lab ID	Lab Fraction	Flag	Sample Result	Spiked Sample Result	Spike Added	% Recovery
Method: Aromatics by EPA 602							
Matrix: Groundwater							
Spiked Analyte = 1-Bromo-4-fluorobenzene							
Type of Spike = Surrogate Spike. continued							
	Mean % Recovery = 95				Above acceptance = 2		
	Standard Deviation = 31.53				Acceptance Criteria 40.00 - 140.00		
Method: Aromatics by EPA 602							
Matrix: Groundwater							
Spiked Analyte = Benzene							
Type of Spike = Matrix Spike.							
23-May-90	S005101	18A		0.00	89.0	100.0	89.00
23-May-90	S005101	17A		0.00	103.0	100.0	103.00
23-May-90	S005101	16A		0.00	89.0	100.0	89.00
23-May-90	S005101	15A		0.00	107.0	100.0	107.00
	Number of Samples = 4				Below acceptance = 0		
	Mean % Recovery = 97				Above acceptance = 0		
	Standard Deviation = 9.38				Acceptance Criteria 39.00 - 150.00		
Method: Aromatics by EPA 602							
Matrix: Groundwater							
Spiked Analyte = Chlorobenzene							
Type of Spike = Matrix Spike.							
23-May-90	S005101	15A		0.00	122.0	100.0	122.00
23-May-90	S005101	18A		0.00	98.0	100.0	98.00
23-May-90	S005101	16A		0.00	100.0	100.0	100.00
23-May-90	S005101	17A		0.00	101.0	100.0	101.00
	Number of Samples = 4				Below acceptance = 0		
	Mean % Recovery = 105				Above acceptance = 0		
	Standard Deviation = 11.23				Acceptance Criteria 55.00 - 135.00		

NC: Not Calculable

TABLE 4. DETAILED LISTING OF SPIKE RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Date	Lab ID	Lab Fraction	Flag	Sample Result	Spiked Sample Result	Spike Added	% Recovery
Method: Aromatics by EPA 602							
Matrix: Groundwater							
Spiked Analyte = Toluene							
Type of Spike = Matrix Spike.							
23-May-90	S005101	15A		0.00	129.0	100.0	129.00
23-May-90	S005101	16A		0.00	88.0	100.0	88.00
23-May-90	S005101	18A		0.00	86.0	100.0	86.00
23-May-90	S005101	17A		0.00	117.0	100.0	117.00
Number of Samples = 4					Below acceptance = 0		
Mean % Recovery = 105					Above acceptance = 0		
Standard Deviation = 21.36					Acceptance Criteria 46.00 - 148.00		
Method: Aromatics by EPA 602							
Matrix: Water (Field/Trip QC)							
Spiked Analyte = 1-Bromo-4-fluorobenzene							
Type of Spike = Surrogate Spike.							
04-May-90	S004267	08A		0.00	95.0	100.0	95.00
05-May-90	S004252	03A		0.00	91.0	100.0	91.00
24-May-90	S005107	12A		0.00	89.0	100.0	89.00
Number of Samples = 3					Below acceptance = 0		
Mean % Recovery = 91					Above acceptance = 0		
Standard Deviation = 3.05					Acceptance Criteria 40.00 - 140.00		
Method: Aromatics by EPA 602							
Matrix: Surface Water							
Spiked Analyte = 1-Bromo-4-fluorobenzene							
Type of Spike = Surrogate Spike.							
16-May-90	S005101	08A		0.00	124.0	100.0	124.00
16-May-90	S005101	07A		0.00	17.0	100.0	17.00
16-May-90	S005101	06A		0.00	110.0	100.0	110.00
22-May-90	S005101	11A		0.00	22.0	100.0	22.00
22-May-90	S005101	01A		0.00	20.0	100.0	20.00

NC: Not Calculable

TABLE 4. DETAILED LISTING OF SPIKE RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Date	Lab ID	Lab Fraction	Flag	Sample Result	Spiked Sample Result	Spike Added	% Recovery
Method: Aromatics by EPA 602							
Matrix: Surface Water							
Spiked Analyte = 1-Bromo-4-fluorobenzene							
Type of Spike = Surrogate Spike. continued							
22-May-90	S005101	09A		0.00	23.0	100.0	23.00
23-May-90	S005101	10A		0.00	119.0	100.0	119.00
23-May-90	S005101	02A		0.00	122.0	100.0	122.00
23-May-90	S005101	12A		0.00	121.0	100.0	121.00
16-Jun-90	S005101	05A		0.00	22.0	100.0	22.00

Number of Samples = 10 Below acceptance = 5
Mean % Recovery = 70 Above acceptance = 0
Standard Deviation = 52.01 Acceptance Criteria 40.00 - 140.00

Method: Aromatics by EPA 602							
Matrix: Laboratory Water							
Spiked Analyte = 1-Bromo-4-fluorobenzene							
Type of Spike = Matrix Spike.							
23-May-90	S005101	17A		0.00	92.0	100.0	92.00
23-May-90	S005101	16A		0.00	106.0	100.0	106.00
23-May-90	S005101	18A		0.00	102.0	100.0	102.00
23-May-90	S005101	15A		0.00	98.0	100.0	98.00
Type of Spike = Surrogate Spike.							
22-Apr-90	S004196	07A		0.00	100.0	100.0	100.00
28-Apr-90	S004217	08A		0.00	97.0	100.0	97.00
28-Apr-90	S004217	02A		0.00	77.0	100.0	77.00
01-May-90	S004217	08C		0.00	101.0	100.0	101.00
01-May-90	S004228	04A		0.00	101.0	100.0	101.00
01-May-90	S004228	02A		0.00	92.0	100.0	92.00
02-May-90	S004217	08B		0.00	45.0	100.0	45.00
02-May-90	S004228	04B		0.00	104.0	100.0	104.00
02-May-90	S004217	06A		0.00	88.0	100.0	88.00
02-May-90	S004228	02B		0.00	105.0	100.0	105.00
03-May-90	S004217	08D		0.00	106.0	100.0	106.00
03-May-90	S004228	04C		0.00	92.0	100.0	92.00

NC: Not Calculable

TABLE 4. DETAILED LISTING OF SPIKE RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Date	Lab ID	Lab Fraction	Flag	Sample Result	Spiked Sample Result	Spike Added	% Recovery
Method: Aromatics by EPA 602							
Matrix: Laboratory Water							
Spiked Analyte = 1-Bromo-4-fluorobenzene							
Type of Spike = Surrogate Spike. continued							
04-May-90	S004267	02A		0.00	86.0	100.0	86.00
04-May-90	S004252	05C		0.00	129.0	100.0	129.00
04-May-90	S004267	09A		0.00	94.0	100.0	94.00
04-May-90	S004267	05A		0.00	81.0	100.0	81.00
05-May-90	S004267	09B		0.00	108.0	100.0	108.00
05-May-90	S004252	05A		0.00	101.0	100.0	101.00
05-May-90	S004252	04A		0.00	94.0	100.0	94.00
06-May-90	S004252	05B		0.00	109.0	100.0	109.00
06-May-90	S004252	04B		0.00	123.0	100.0	123.00
16-May-90	S005101	20A		0.00	66.0	100.0	66.00
16-May-90	S005101	19A		0.00	94.0	100.0	94.00
22-May-90	S005101	03A		0.00	101.0	100.0	101.00
22-May-90	S005101	21A		0.00	98.0	100.0	98.00
23-May-90	S005101	23A		0.00	98.0	100.0	98.00
23-May-90	S005101	22A		0.00	107.0	100.0	107.00
24-May-90	S005107	13A		0.00	104.0	100.0	104.00

Number of Samples = 32 — Below acceptance = 0
Mean % Recovery = 96 — Above acceptance = 0
Standard Deviation = 15.14 — Acceptance Criteria 40.00 - 140.00

Date	Lab ID	Lab Fraction	Flag	Sample Result	Spiked Sample Result	Spike Added	% Recovery
Method: Arsenic by SW7060							
Matrix: Groundwater							
Spiked Analyte = Arsenic							
Type of Spike = Analytical Spike.							
03-May-90	9004168	25A		0.00	64.0	100.0	64.00
03-May-90	9004195	14A		0.00	92.0	100.0	92.00
03-May-90	9004168	23A		0.00	90.0	100.0	90.00
03-May-90	9004179	13A		0.00	95.0	100.0	95.00
03-May-90	9004168	24A		0.00	95.0	100.0	95.00
03-May-90	9004168	20A		0.00	90.0	100.0	90.00
03-May-90	9004195	18A		0.00	86.0	100.0	86.00

NC: Not Calculable

TABLE 4. DETAILED LISTING OF SPIKE RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Date	Lab ID	Lab Fraction	Flag	Sample Result	Spiked Sample Result	Spike Added	% Recovery
Method: Arsenic by SW7060							
Matrix: Groundwater							
Spiked Analyte = Arsenic							
Type of Spike = Analytical Spike. continued							
03-May-90	9004195	30A		0.00	86.0	100.0	86.00
03-May-90	9004179	15A		0.00	109.0	100.0	109.00
03-May-90	9004195	16A		0.00	88.0	100.0	88.00
03-May-90	9004179	17A		0.00	97.0	100.0	97.00
03-May-90	9004195	12A		0.00	104.0	100.0	104.00
03-May-90	9004179	19A		0.00	102.0	100.0	102.00
03-May-90	9004195	22A		0.00	90.0	100.0	90.00
03-May-90	9004179	11A		0.00	113.0	100.0	113.00
03-May-90	9004195	24A		0.00	95.0	100.0	95.00
03-May-90	9004195	28A		0.00	92.0	100.0	92.00
03-May-90	9004168	22A		0.00	92.0	100.0	92.00
03-May-90	9004168	21A		0.00	112.0	100.0	112.00
03-May-90	9004179	10A		0.00	112.0	100.0	112.00
03-May-90	9004179	23A		0.00	102.0	100.0	102.00
03-May-90	9004179	21A		0.00	104.0	100.0	104.00
03-May-90	9004195	20A		0.00	92.0	100.0	92.00
03-May-90	9004195	26A		0.00	96.0	100.0	96.00
03-May-90	9004168	18A		0.00	94.0	100.0	94.00
03-May-90	9004168	19A		0.00	88.0	100.0	88.00
10-May-90	9004218	08A		0.00	101.0	100.0	101.00
10-May-90	9004218	06A		0.00	114.0	100.0	114.00
10-May-90	9004218	04A		0.00	94.0	100.0	94.00
10-May-90	9004234	18A		0.00	92.0	100.0	92.00
10-May-90	9004234	12A		0.00	99.0	100.0	99.00
10-May-90	9004218	10A		0.00	113.0	100.0	113.00
10-May-90	9004234	10A		0.00	94.0	100.0	94.00
10-May-90	9004234	16A		0.00	94.0	100.0	94.00
14-May-90	9004248	32A		0.00	109.0	100.0	109.00
14-May-90	9004308	07A		0.00	116.0	100.0	116.00
14-May-90	9004308	09A		0.00	118.0	100.0	118.00
14-May-90	9004248	24A		0.00	115.0	100.0	115.00
14-May-90	9004308	05A		0.00	98.0	100.0	98.00
14-May-90	9004248	34A		0.00	114.0	100.0	114.00
14-May-90	9004248	22A		0.00	110.0	100.0	110.00
14-May-90	9004248	53A		0.00	107.0	100.0	107.00
14-May-90	9004248	18A		0.00	64.0	100.0	64.00

NC: Not Calculable

TABLE 4. DETAILED LISTING OF SPIKE RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Date	Lab ID	Lab Fraction	Flag	Sample Result	Spiked Sample Result	Spike Added	% Recovery
Method: Arsenic by SW7060							
Matrix: Groundwater							
Spiked Analyte = Arsenic							
Type of Spike = Analytical Spike. continued							
14-May-90	9004290	12A		0.00	96.0	100.0	96.00
14-May-90	9004248	36A		0.00	105.0	100.0	105.00
14-May-90	9004308	13A		0.00	100.0	100.0	100.00
14-May-90	9004290	14A		0.00	84.0	100.0	84.00
14-May-90	9004248	20A		0.00	91.0	100.0	91.00
14-May-90	9004248	16A		0.00	102.0	100.0	102.00
14-May-90	9004248	26A		0.00	113.0	100.0	113.00
14-May-90	9004248	42A		0.00	111.0	100.0	111.00
14-May-90	9004290	20A		0.00	97.0	100.0	97.00
14-May-90	9004290	10A		0.00	111.0	100.0	111.00
14-May-90	9004248	38A		0.00	108.0	100.0	108.00
14-May-90	9004308	11A		0.00	90.0	100.0	90.00
14-May-90	9004248	40A		0.00	110.0	100.0	110.00
14-May-90	9004290	22A		0.00	94.0	100.0	94.00
14-May-90	9004290	18A		0.00	107.0	100.0	107.00
14-May-90	9004248	30A		0.00	100.0	100.0	100.00
14-May-90	9004308	15A		0.00	92.0	100.0	92.00
16-May-90	9004276	18A		0.00	112.0	100.0	112.00
16-May-90	9004276	14A		0.00	95.0	100.0	95.00
16-May-90	9004276	16A		0.00	94.0	100.0	94.00
17-May-90	9004276	40A		0.00	108.0	100.0	108.00
17-May-90	9004276	32A		0.00	82.0	100.0	82.00
17-May-90	9004276	36A		0.00	102.0	100.0	102.00
17-May-90	9004276	38A		0.00	101.0	100.0	101.00
17-May-90	9004276	34A		0.00	88.0	100.0	88.00
17-May-90	9004276	30A		0.00	63.0	100.0	63.00
17-May-90	9004276	28A		0.00	89.0	100.0	89.00
17-May-90	9004276	20A		0.00	97.0	100.0	97.00
17-May-90	9004276	26A		0.00	98.0	100.0	98.00
17-May-90	9004276	22A		0.00	108.0	100.0	108.00
18-May-90	9005001	31A		0.00	110.0	100.0	110.00
18-May-90	9005001	37A		0.00	89.0	100.0	89.00
18-May-90	9004276	24A		0.00	86.0	100.0	86.00
18-May-90	9005001	25A		0.00	92.0	100.0	92.00
18-May-90	9005001	33A		0.00	98.0	100.0	98.00
18-May-90	9005001	19A		0.00	84.0	100.0	84.00

NC: Not Calculable

TABLE 4. DETAILED LISTING OF SPIKE RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Date	Lab ID	Lab Fraction	Flag	Sample Result	Spiked Sample Result	Spike Added	% Recovery
Method: Arsenic by SW7060							
Matrix: Groundwater							
Spiked Analyte = Arsenic							
Type of Spike = Analytical Spike. continued							
18-May-90	9005001	27A		0.00	106.0	100.0	106.00
18-May-90	9005001	21A		0.00	80.0	100.0	80.00
18-May-90	9005001	39A		0.00	86.0	100.0	86.00
18-May-90	9005001	29A		0.00	90.0	100.0	90.00
18-May-90	9005001	17A		0.00	103.0	100.0	103.00
22-May-90	9005012	28A		0.00	84.0	100.0	84.00
22-May-90	9005012	20A		0.00	120.0	100.0	120.00
22-May-90	9005012	22A		0.00	108.0	100.0	108.00
22-May-90	9005012	34A		0.00	86.0	100.0	86.00
22-May-90	9005012	32A		0.00	89.0	100.0	89.00
22-May-90	9005012	24A		0.00	109.0	100.0	109.00
22-May-90	9005012	16A		0.00	104.0	100.0	104.00
22-May-90	9005012	36A		0.00	112.0	100.0	112.00
30-May-90	9005065	36A		0.00	92.0	100.0	92.00
30-May-90	9005065	20A		0.00	104.0	100.0	104.00
30-May-90	9005065	28A		0.00	90.0	100.0	90.00
30-May-90	9005065	32A		0.00	92.0	100.0	92.00
30-May-90	9005065	26A		0.00	90.0	100.0	90.00
30-May-90	9005065	16A		0.00	88.0	100.0	88.00
30-May-90	9005065	24A		0.00	102.0	100.0	102.00
30-May-90	9005065	30A		0.00	89.0	100.0	89.00
30-May-90	9005065	14A		0.00	107.0	100.0	107.00
30-May-90	9005065	18A		0.00	98.0	100.0	98.00
31-May-90	9005103	41A		0.00	76.0	100.0	76.00
31-May-90	9005103	37A		0.00	87.0	100.0	87.00
31-May-90	9005103	39A		0.00	78.0	100.0	78.00
31-May-90	9005105	18A		0.00	84.0	100.0	84.00
31-May-90	9005105	16A		0.00	89.0	100.0	89.00
31-May-90	9005105	20A		0.00	84.0	100.0	84.00
31-May-90	9005103	43A		0.00	73.0	100.0	73.00
31-May-90	9005105	10A		0.00	87.0	100.0	87.00
31-May-90	9005105	14A		0.00	88.0	100.0	88.00
31-May-90	9005103	35A		0.00	79.0	100.0	79.00
31-May-90	9005103	45A		0.00	77.0	100.0	77.00
31-May-90	9005105	12A		0.00	106.0	100.0	106.00
02-Jun-90	9005114	20A		0.00	81.0	100.0	81.00

NC: Not Calculable

TABLE 4. DETAILED LISTING OF SPIKE RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Date	Lab ID	Lab Fraction	Flag	Sample Result	Spiked Sample Result	Spike Added	% Recovery
Method: Arsenic by SW7060							
Matrix: Groundwater							
Spiked Analyte = Arsenic							
Type of Spike = Analytical Spike. continued							
02-Jun-90	9005114	52A		0.00	91.0	100.0	91.00
02-Jun-90	9005114	42A		0.00	82.0	100.0	82.00
02-Jun-90	9005114	36A		0.00	86.0	100.0	86.00
02-Jun-90	9005114	44A		0.00	85.0	100.0	85.00
02-Jun-90	9005114	24A		0.00	75.0	100.0	75.00
02-Jun-90	9005114	34A		0.00	87.0	100.0	87.00
02-Jun-90	9005114	46A		0.00	82.0	100.0	82.00
02-Jun-90	9005114	28A		0.00	102.0	100.0	102.00
02-Jun-90	9005114	48A		0.00	79.0	100.0	79.00
02-Jun-90	9005114	38A		0.00	99.0	100.0	99.00
02-Jun-90	9005114	26A		0.00	103.0	100.0	103.00
02-Jun-90	9005114	54A		0.00	88.0	100.0	88.00
02-Jun-90	9005114	30A		0.00	77.0	100.0	77.00
08-Jun-90	9005141	25A		0.00	80.0	100.0	80.00
08-Jun-90	9005141	23A		0.00	88.0	100.0	88.00
08-Jun-90	9005141	27A		0.00	78.0	100.0	78.00
08-Jun-90	9005141	39A		0.00	83.0	100.0	83.00
08-Jun-90	9005141	21A		0.00	84.0	100.0	84.00
08-Jun-90	9005141	19A		0.00	86.0	100.0	86.00
08-Jun-90	9005141	09A		0.00	77.0	100.0	77.00
08-Jun-90	9005141	11A		0.00	84.0	100.0	84.00
08-Jun-90	9005141	35A		0.00	73.0	100.0	73.00
08-Jun-90	9005141	31A		0.00	74.0	100.0	74.00
08-Jun-90	9005141	17A		0.00	84.0	100.0	84.00
08-Jun-90	9005141	29A		0.00	77.0	100.0	77.00
08-Jun-90	9005141	37A		0.00	91.0	100.0	91.00
08-Jun-90	9005141	13A		0.00	81.0	100.0	81.00
08-Jun-90	9005141	15A		0.00	72.0	100.0	72.00
08-Jun-90	9005141	33A		0.00	80.0	100.0	80.00
Type of Spike = Matrix Spike.							
14-May-90	9004290	13A		0.00	96.0	100.0	96.00
14-May-90	9004290	11A		0.00	90.0	100.0	90.00
14-May-90	9004290	21A		0.00	94.0	100.0	94.00
14-May-90	9004290	19A		0.00	97.0	100.0	97.00

NC: Not Calculable

TABLE 4. DETAILED LISTING OF SPIKE RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Date	Lab ID	Lab Fraction	Flag	Sample Result	Spiked Sample Result	Spike Added	% Recovery
Method: Arsenic by SW7060							
Matrix: Groundwater							
Spiked Analyte = Arsenic							
Type of Spike = Matrix Spike. continued							
16-May-90	9004276	17A		0.00	70.0	100.0	70.00
16-May-90	9004276	15A		0.00	60.0	100.0	60.00
17-May-90	9004276	31A		0.00	88.0	100.0	88.00
17-May-90	9004276	29A		0.00	100.0	100.0	100.00
22-May-90	9005012	17A		0.00	89.0	100.0	89.00
22-May-90	9005012	30A		0.00	86.0	100.0	86.00
22-May-90	9005012	29A		0.00	95.0	100.0	95.00
22-May-90	9005012	14A		0.00	87.0	100.0	87.00
22-May-90	9005012	18A		0.00	94.0	100.0	94.00
22-May-90	9005012	27A		0.00	97.0	100.0	97.00
22-May-90	9005012	26A		0.00	95.0	100.0	95.00
22-May-90	9005012	15A		0.00	75.0	100.0	75.00
31-May-90	9005103	38A		0.00	84.0	100.0	84.00
31-May-90	9005105	13A		0.00	39.0	100.0	39.00
31-May-90	9005105	11A		0.00	212.0	100.0	212.00
31-May-90	9005103	36A		0.00	77.0	100.0	77.00

Number of Samples = 164 — Below acceptance = 10
Mean % Recovery = 93 — Above acceptance = 1
Standard Deviation = 15.82 — Acceptance Criteria 75.00 - 125.00

Method: Arsenic by SW7060
Matrix: Water (Field/Trip QC)
Spiked Analyte = Arsenic

Type of Spike = Analytical Spike.

10-May-90	9004234	20A		0.00	90.0	100.0	90.00
10-May-90	9004234	14A		0.00	88.0	100.0	88.00
14-May-90	9004248	51A		0.00	91.0	100.0	91.00
14-May-90	9004290	24A		0.00	96.0	100.0	96.00
14-May-90	9004248	28A		0.00	98.0	100.0	98.00
14-May-90	9004290	16A		0.00	96.0	100.0	96.00
18-May-90	9005001	23A		0.00	95.0	100.0	95.00
18-May-90	9005001	35A		0.00	92.0	100.0	92.00

NC: Not Calculable

TABLE 4. DETAILED LISTING OF SPIKE RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Date	Lab ID	Lab Fraction	Flag	Sample Result	Spiked Sample Result	Spike Added	% Recovery
Method: Arsenic by SW7060							
Matrix: Water (Field/Trip QC)							
Spiked Analyte = Arsenic							
Type of Spike = Analytical Spike. continued							
30-May-90	9005065	22A		0.00	102.0	100.0	102.00
30-May-90	9005065	34A		0.00	104.0	100.0	104.00
02-Jun-90	9005114	40A		0.00	82.0	100.0	82.00
02-Jun-90	9005114	50A		0.00	81.0	100.0	81.00
02-Jun-90	9005114	32A		0.00	76.0	100.0	76.00
02-Jun-90	9005114	22A		0.00	82.0	100.0	82.00

Number of Samples = 14 Below acceptance = 0
Mean % Recovery = 90 Above acceptance = 0
Standard Deviation = 8.33 Acceptance Criteria 75.00 - 125.00

Method: Arsenic by SW7060							
Matrix: Surface Water							
Spiked Analyte = Arsenic							
Type of Spike = Analytical Spike.							
30-May-90	9005083	26A		0.00	105.0	100.0	105.00
30-May-90	9005083	30A		0.00	89.0	100.0	89.00
30-May-90	9005083	32A		0.00	88.0	100.0	88.00
30-May-90	9005083	28A		0.00	84.0	100.0	84.00
30-May-90	9005083	40A		0.00	88.0	100.0	88.00
30-May-90	9005083	22A		0.00	90.0	100.0	90.00
30-May-90	9005083	34A		0.00	84.0	100.0	84.00
30-May-90	9005083	42A		0.00	102.0	100.0	102.00
30-May-90	9005083	46A		0.00	86.0	100.0	86.00
30-May-90	9005083	20A		0.00	76.0	100.0	76.00
30-May-90	9005083	38A		0.00	90.0	100.0	90.00
30-May-90	9005083	48A		0.00	85.0	100.0	85.00
30-May-90	9005083	24A		0.00	90.0	100.0	90.00
30-May-90	9005083	18A		0.00	96.0	100.0	96.00
30-May-90	9005083	36A		0.00	86.0	100.0	86.00
30-May-90	9005083	44A		0.00	96.0	100.0	96.00
31-May-90	9005103	31A		0.00	81.0	100.0	81.00
31-May-90	9005103	27A		0.00	89.0	100.0	89.00

NC: Not Calculable

TABLE 4. DETAILED LISTING OF SPIKE RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Date	Lab ID	Lab Fraction	Flag	Sample Result	Spiked Sample Result	Spike Added	% Recovery
Method: Arsenic by SW7060							
Matrix: Surface Water							
Spiked Analyte = Arsenic							
Type of Spike = Analytical Spike. continued							
31-May-90	9005105	04A		0.00	85.0	100.0	85.00
31-May-90	9005103	33A		0.00	85.0	100.0	85.00
31-May-90	9005105	02A		0.00	86.0	100.0	86.00
31-May-90	9005105	06A		0.00	90.0	100.0	90.00
31-May-90	9005103	29A		0.00	96.0	100.0	96.00
31-May-90	9005105	08A		0.00	86.0	100.0	86.00

Number of Samples = 24 — Below acceptance = 0
Mean % Recovery = 88 — Above acceptance = 0
Standard Deviation = 6.40 — Acceptance Criteria 75.00 - 125.00

Date	Lab ID	Lab Fraction	Flag	Sample Result	Spiked Sample Result	Spike Added	% Recovery
Method: Arsenic by SW7060							
Matrix: Laboratory Water							
Spiked Analyte = Arsenic							
Type of Spike = Method (Blank) Spike.							
03-May-90	9004195	001	ND	0.0040	0.045	0.050	81.60
03-May-90	9004179	002	ND	0.0040	0.044	0.050	79.00
03-May-90	9004179	001	ND	0.0040	0.043	0.050	78.60
10-May-90	9004234	002	ND	0.0040	0.044	0.050	79.20
10-May-90	9004234	001	ND	0.0040	0.043	0.050	77.20
14-May-90	9004290	002	ND	0.0040	0.047	0.050	86.80
14-May-90	9004290	003	ND	0.0040	0.045	0.050	82.00
14-May-90	9004290	004	ND	0.0040	0.047	0.050	85.00
14-May-90	9004290	001	ND	0.0040	0.046	0.050	84.60
18-May-90	9005001	003	ND	0.0040	0.047	0.050	85.80
18-May-90	9005001	002	ND	0.0040	0.045	0.050	82.80
18-May-90	9005001	001	ND	0.0040	0.045	0.050	82.80
30-May-90	9005083	001	ND	0.0040	0.050	0.050	92.40
30-May-90	9005083	00	ND	0.0040	0.050	0.050	91.63
31-May-90	9005105	001	ND	0.0040	0.043	0.051	76.42
31-May-90	9005103	00			0.043	0.050	86.00
02-Jun-90	9005114	001			0.042	0.050	84.00
08-Jun-90	9005141	001	ND	0.0040	0.043	0.050	78.00

NC: Not Calculable

TABLE 4. DETAILED LISTING OF SPIKE RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Date	Lab ID	Lab Fraction	Flag	Sample Result	Spiked Sample Result	Spike Added	% Recovery

Method: Arsenic by SW7060
Matrix: Laboratory Water
Spiked Analyte = Arsenic
Type of Spike = Method (Blank) Spike. continued

Number of Samples = 18
Mean % Recovery = 82
Standard Deviation = 4.57
Below acceptance = 12
Above acceptance = 0
Acceptance Criteria 85.00 - 115.00

Method: Chloride, by titration
Matrix: Groundwater
Spiked Analyte = Chloride

Type of Spike = Matrix Spike.

10-May-90	9004276	03A		0.00	96.0	100.0	96.00
10-May-90	9004276	02A		0.00	100.0	100.0	100.00
10-May-90	9004290	03A		0.00	95.0	100.0	95.00
10-May-90	9004290	02A		0.00	97.0	100.0	97.00
15-May-90	9005012	02A		0.00	96.0	100.0	96.00
15-May-90	9005012	03A		0.00	97.0	100.0	97.00
22-May-90	9005103	07A		0.00	112.0	100.0	112.00
22-May-90	9005065	07a	ND	0.010	1.060	0.500	97.40
22-May-90	9005103	06A		0.00	108.0	100.0	108.00
22-May-90	9005083	04b		22.7	43.2	20.0	102.40
22-May-90	9005083	04a		22.7	43.9	20.0	106.20
22-May-90	9005103	05b		69.0	91.4	20.0	112.00
22-May-90	9005065	07b	ND	0.010	0.523	0.500	104.60
22-May-90	9005103	05a		69.0	90.6	20.0	108.20

Number of Samples = 14
Mean % Recovery = 102
Standard Deviation = 6.16
Below acceptance = 0
Above acceptance = 0
Acceptance Criteria 80.00 - 120.00

NC: Not Calculable

TABLE 4. DETAILED LISTING OF SPIKE RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Date	Lab ID	Lab Fraction	Flag	Sample Result	Spiked Sample Result	Spike Added	% Recovery
Method: Chloride, by titration							
Matrix: Laboratory Water							
Spiked Analyte = Chloride							
Type of Spike = Method (Blank) Spike.							
22-May-90	9005056	00	ND	1.000	1000.0	942.8	105.96

Number of Samples = 1 — Below acceptance = 0
Mean % Recovery = 105 — Above acceptance = 1
Standard Deviation = — Acceptance Criteria .00 - .00

Method: Fluoride by EPA 340.2							
Matrix: Groundwater							
Spiked Analyte = Fluoride							
Type of Spike = Matrix Spike.							
03-May-90	9004195	04A	<5X	0.290	0.940	0.660	98.48
03-May-90	9004179	01A	<5X	0.340	0.960	0.660	93.94
09-May-90	9004290	03A		0.00	100.0	100.0	100.00
09-May-90	9004290	02A		0.00	95.0	100.0	95.00
09-May-90	9004276	02A		0.00	103.0	100.0	103.00
09-May-90	9004276	03A		0.00	96.0	100.0	96.00
15-May-90	9005083	08b		0.500	1.170	0.660	101.50
15-May-90	9005065	01a		0.340	1.060	0.660	109.10
15-May-90	9005012	03A		0.00	105.0	100.0	105.00
15-May-90	9005083	01b		0.500	1.180	0.660	103.00
15-May-90	9005083	01a		0.500	1.180	0.660	103.00
15-May-90	9005083	08a		0.500	1.140	0.660	97.00
15-May-90	9005012	02A		0.00	105.0	100.0	105.00
15-May-90	9005065	01b		0.340	1.050	0.660	107.60
16-May-90	9005103	07A		0.00	102.0	100.0	102.00
16-May-90	9005103	01a		0.288	0.960	0.660	101.80
16-May-90	9005103	06A		0.00	103.0	100.0	103.00
16-May-90	9005103	07b		0.670	1.340	0.660	101.50
16-May-90	9005103	07a		0.670	1.340	0.660	101.50
16-May-90	9005103	01b		0.288	0.960	0.660	101.80
16-May-90	9005103	06a		0.670	1.350	0.660	103.00

NC: Not Calculable

TABLE 4. DETAILED LISTING OF SPIKE RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Date	Lab ID	Lab Fraction	Flag	Sample Result	Spiked Sample Result	Spike Added	% Recovery
Method: Fluoride by EPA 340.2							
Matrix: Groundwater							
Spiked Analyte = Fluoride							
Type of Spike = Matrix Spike. continued							
16-May-90	9005103	06b		0.670	1.350	0.660	103.00
Number of Samples = 22					Below acceptance = 0		
Mean % Recovery = 101					Above acceptance = 0		
Standard Deviation = 3.74					Acceptance Criteria 85.00 - 115.00		
Method: Fluoride by EPA 340.2							
Matrix: Water (Field/Trip QC)							
Spiked Analyte = Fluoride							
Type of Spike = Matrix Spike.							
03-May-90	9004195	04a	<5X	0.290	0.930	0.660	96.97
03-May-90	9004179	01a	<5X	0.340	0.990	0.660	98.48
Number of Samples = 2					Below acceptance = 0		
Mean % Recovery = 97					Above acceptance = 0		
Standard Deviation = 1.07					Acceptance Criteria 85.00 - 115.00		
Method: Hydrocarbons, total E418.1							
Matrix: Groundwater							
Spiked Analyte = Hydrocarbons							
Type of Spike = Matrix Spike.							
18-May-90	9005012	38A		0.00	93.0	100.0	93.00
18-May-90	9005012	39A		0.00	83.0	100.0	83.00
24-May-90	9005105	26A		0.00	86.0	100.0	86.00
24-May-90	9005105	27A		0.00	93.0	100.0	93.00
Number of Samples = 4					Below acceptance = 0		
Mean % Recovery = 88					Above acceptance = 0		
Standard Deviation = 5.05					Acceptance Criteria 80.00 - 120.00		

NC: Not Calculable

TABLE 4. DETAILED LISTING OF SPIKE RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Date	Lab ID	Lab Fraction	Flag	Sample Result	Spiked Sample Result	Spike Added	% Recovery
Method: Hydrocarbons, total E418.1							
Matrix: Groundwater							
Spiked Analyte = Hydrocarbons							
Type of Spike = Matrix Spike. continued							
Method: Hydrocarbons, total E418.1							
Matrix: Laboratory Water							
Spiked Analyte = Hydrocarbons							
Type of Spike = Method (Blank) Spike.							
24-May-90	9005105	001	ND		83.1	79.9	104.03

Number of Samples = 1 — Below acceptance = 0
Mean % Recovery = 104 — Above acceptance = 0
Standard Deviation = — Acceptance Criteria 80.00 - 120.00

Method: Mercury by cold vapor							
Matrix: Groundwater							
Spiked Analyte = Mercury							
Type of Spike = Analytical Spike.							
02-May-90	9004179	11A		0.00	105.0	100.0	105.00
02-May-90	9004179	15A		0.00	101.0	100.0	101.00
02-May-90	9004179	10A		0.00	107.0	100.0	107.00
02-May-90	9004179	23A		0.00	104.0	100.0	104.00
02-May-90	9004168	21A		0.00	107.0	100.0	107.00
02-May-90	9004179	21A		0.00	107.0	100.0	107.00
02-May-90	9004168	19A		0.00	96.0	100.0	96.00
02-May-90	9004179	13A		0.00	104.0	100.0	104.00
02-May-90	9004168	24A		0.00	99.0	100.0	99.00
02-May-90	9004168	25A		0.00	91.0	100.0	91.00
02-May-90	9004168	23A		0.00	100.0	100.0	100.00
02-May-90	9004179	19A		0.00	113.0	100.0	113.00
02-May-90	9004168	18A		0.00	101.0	100.0	101.00
02-May-90	9004168	22A		0.00	103.0	100.0	103.00

NC: Not Calculable

TABLE 4. DETAILED LISTING OF SPIKE RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Date	Lab ID	Lab Fraction	Flag	Sample Result	Spiked Sample Result	Spike Added	% Recovery
Method: Mercury by cold vapor							
Matrix: Groundwater							
Spiked Analyte = Mercury							
Type of Spike = Analytical Spike. continued							
02-May-90	9004179	17A		0.00	100.0	100.0	100.00
04-May-90	9004195	22A		0.00	88.0	100.0	88.00
04-May-90	9004195	12A		0.00	82.0	100.0	82.00
04-May-90	9004195	28A		0.00	84.0	100.0	84.00
04-May-90	9004195	16A		0.00	85.0	100.0	85.00
04-May-90	9004195	20A		0.00	88.0	100.0	88.00
04-May-90	9004195	14A		0.00	86.0	100.0	86.00
04-May-90	9004195	18A		0.00	82.0	100.0	82.00
04-May-90	9004195	30A		0.00	82.0	100.0	82.00
06-May-90	9004168	20A		0.00	97.0	100.0	97.00
08-May-90	9004218	04A		0.00	101.0	100.0	101.00
08-May-90	9004218	08A		0.00	94.0	100.0	94.00
08-May-90	9004195	26A		0.00	90.0	100.0	90.00
08-May-90	9004234	18A		0.00	93.0	100.0	93.00
08-May-90	9004218	10A		0.00	95.0	100.0	95.00
08-May-90	9004218	06A		0.00	99.0	100.0	99.00
08-May-90	9004234	16A		0.00	93.0	100.0	93.00
08-May-90	9004195	24A		0.00	96.0	100.0	96.00
08-May-90	9004234	10A		0.00	87.0	100.0	87.00
09-May-90	9004248	16A		0.00	83.0	100.0	83.00
09-May-90	9004248	36A		0.00	5.000	100.0	5.00
09-May-90	9004248	30A		0.00	90.0	100.0	90.00
09-May-90	9004248	18A		0.00	80.0	100.0	80.00
09-May-90	9004248	20A		0.00	98.0	100.0	98.00
09-May-90	9004248	22A		0.00	92.0	100.0	92.00
09-May-90	9004248	42A		0.00	86.0	100.0	86.00
09-May-90	9004248	34A		0.00	94.0	100.0	94.00
09-May-90	9004248	26A		0.00	98.0	100.0	98.00
09-May-90	9004248	24A		0.00	91.0	100.0	91.00
09-May-90	9004248	53A		0.00	92.0	100.0	92.00
09-May-90	9004248	38A		0.00	83.0	100.0	83.00
09-May-90	9004248	40A		0.00	89.0	100.0	89.00
09-May-90	9004248	32A		0.00	91.0	100.0	91.00
09-May-90	9004234	12A		0.00	84.0	100.0	84.00
11-May-90	9004276	34A		0.00	90.0	100.0	90.00
11-May-90	9004276	26A		0.00	100.0	100.0	100.00

NC: Not Calculable

TABLE 4. DETAILED LISTING OF SPIKE RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Date	Lab ID	Lab Fraction	Flag	Sample Result	Spiked Sample Result	Spike Added	% Recovery
Method: Mercury by cold vapor							
Matrix: Groundwater							
Spiked Analyte = Mercury							
Type of Spike = Analytical Spike. continued							
11-May-90	9004276	16A		0.00	104.0	100.0	104.00
11-May-90	9004276	32A		0.00	101.0	100.0	101.00
11-May-90	9004276	36A		0.00	92.0	100.0	92.00
11-May-90	9004276	24A		0.00	102.0	100.0	102.00
11-May-90	9004276	14A		0.00	103.0	100.0	103.00
11-May-90	9004276	18A		0.00	98.0	100.0	98.00
11-May-90	9004276	28A		0.00	103.0	100.0	103.00
11-May-90	9004276	22A		0.00	98.0	100.0	98.00
11-May-90	9004276	30A		0.00	108.0	100.0	108.00
11-May-90	9004276	38A		0.00	100.0	100.0	100.00
12-May-90	9004290	12A		0.00	100.0	100.0	100.00
12-May-90	9004276	20A		0.00	58.0	100.0	58.00
12-May-90	9004290	10A		0.00	89.0	100.0	89.00
12-May-90	9004290	22A		0.00	98.0	100.0	98.00
12-May-90	9004290	14A		0.00	92.0	100.0	92.00
12-May-90	9004290	18A		0.00	81.0	100.0	81.00
12-May-90	9004290	20A		0.00	96.0	100.0	96.00
14-May-90	9005001	21A		0.00	98.0	100.0	98.00
14-May-90	9005001	31A		0.00	107.0	100.0	107.00
14-May-90	9004308	05A		0.00	100.0	100.0	100.00
14-May-90	9005001	39A		0.00	96.0	100.0	96.00
14-May-90	9005001	33A		0.00	94.0	100.0	94.00
14-May-90	9004308	07A		0.00	97.0	100.0	97.00
14-May-90	9004276	40A		0.00	109.0	100.0	109.00
14-May-90	9004308	11A		0.00	96.0	100.0	96.00
14-May-90	9005001	25A		0.00	86.0	100.0	86.00
14-May-90	9004308	13A		0.00	99.0	100.0	99.00
14-May-90	9004308	09A		0.00	96.0	100.0	96.00
14-May-90	9005001	19A		0.00	99.0	100.0	99.00
14-May-90	9005001	29A		0.00	98.0	100.0	98.00
14-May-90	9005001	17A		0.00	94.0	100.0	94.00
14-May-90	9004308	15A		0.00	93.0	100.0	93.00
14-May-90	9005001	27A		0.00	87.0	100.0	87.00
14-May-90	9005001	37A		0.00	92.0	100.0	92.00
15-May-90	9005012	36A		0.00	85.0	100.0	85.00
15-May-90	9005012	28A		0.00	101.0	100.0	101.00

NC: Not Calculable

TABLE 4. DETAILED LISTING OF SPIKE RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Date	Lab ID	Lab Fraction	Flag	Sample Result	Spiked Sample Result	Spike Added	% Recovery
Method: Mercury by cold vapor							
Matrix: Groundwater							
Spiked Analyte = Mercury							
Type of Spike = Analytical Spike. continued							
15-May-90	9005012	20A		0.00	104.0	100.0	104.00
15-May-90	9005012	24A		0.00	94.0	100.0	94.00
15-May-90	9005012	34A		0.00	94.0	100.0	94.00
15-May-90	9005012	32A		0.00	103.0	100.0	103.00
15-May-90	9005012	22A		0.00	103.0	100.0	103.00
15-May-90	9005012	16A		0.00	95.0	100.0	95.00
16-May-90	9005065	14A		0.00	104.0	100.0	104.00
16-May-90	9005065	36A		0.00	93.0	100.0	93.00
16-May-90	9005065	16A		0.00	108.0	100.0	108.00
16-May-90	9005065	32A		0.00	92.0	100.0	92.00
16-May-90	9005065	24A		0.00	100.0	100.0	100.00
16-May-90	9005065	18A		0.00	100.0	100.0	100.00
16-May-90	9005065	20A		0.00	104.0	100.0	104.00
16-May-90	9005065	30A		0.00	84.0	100.0	84.00
16-May-90	9005065	28A		0.00	102.0	100.0	102.00
16-May-90	9005065	26A		0.00	99.0	100.0	99.00
21-May-90	9005103	43A		0.00	96.0	100.0	96.00
21-May-90	9005105	18A		0.00	80.0	100.0	80.00
21-May-90	9005105	20A		0.00	92.0	100.0	92.00
21-May-90	9005103	39A		0.00	94.0	100.0	94.00
21-May-90	9005103	41A		0.00	101.0	100.0	101.00
21-May-90	9005105	10A		0.00	94.0	100.0	94.00
21-May-90	9005105	12A		0.00	96.0	100.0	96.00
21-May-90	9005103	35A		0.00	96.0	100.0	96.00
21-May-90	9005105	14A		0.00	104.0	100.0	104.00
21-May-90	9005103	45A		0.00	84.0	100.0	84.00
21-May-90	9005103	37A		0.00	94.0	100.0	94.00
21-May-90	9005105	16A		0.00	77.0	100.0	77.00
24-May-90	9005114	46A		0.00	96.0	100.0	96.00
24-May-90	9005114	34A		0.00	103.0	100.0	103.00
24-May-90	9005114	20A		0.00	98.0	100.0	98.00
24-May-90	9005114	44A		0.00	83.0	100.0	83.00
24-May-90	9005114	26A		0.00	101.0	100.0	101.00
24-May-90	9005114	42A		0.00	86.0	100.0	86.00
24-May-90	9005114	52A		0.00	98.0	100.0	98.00
24-May-90	9005114	54A		0.00	82.0	100.0	82.00

NC: Not Calculable

TABLE 4. DETAILED LISTING OF SPIKE RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Date	Lab ID	Lab Fraction	Flag	Sample Result	Spiked Sample Result	Spike Added	% Recovery
Method: Mercury by cold vapor							
Matrix: Groundwater							
Spiked Analyte = Mercury							
Type of Spike = Analytical Spike. continued							
24-May-90	9005114	28A		0.00	90.0	100.0	90.00
24-May-90	9005114	38A		0.00	90.0	100.0	90.00
24-May-90	9005114	30A		0.00	101.0	100.0	101.00
24-May-90	9005114	48A		0.00	95.0	100.0	95.00
24-May-90	9005114	36A		0.00	98.0	100.0	98.00
28-May-90	9005141	09A		0.00	98.0	100.0	98.00
28-May-90	9005141	15A		0.00	91.0	100.0	91.00
28-May-90	9005141	35A		0.00	92.0	100.0	92.00
28-May-90	9005141	29A		0.00	98.0	100.0	98.00
28-May-90	9005141	27A		0.00	94.0	100.0	94.00
28-May-90	9005141	37A		0.00	82.0	100.0	82.00
28-May-90	9005141	25A		0.00	91.0	100.0	91.00
28-May-90	9005141	31A		0.00	90.0	100.0	90.00
28-May-90	9005141	23A		0.00	91.0	100.0	91.00
28-May-90	9005141	17A		0.00	97.0	100.0	97.00
28-May-90	9005114	24A		0.00	100.0	100.0	100.00
28-May-90	9005141	21A		0.00	84.0	100.0	84.00
28-May-90	9005141	39A		0.00	96.0	100.0	96.00
28-May-90	9005141	33A		0.00	91.0	100.0	91.00
28-May-90	9005141	19A		0.00	91.0	100.0	91.00
28-May-90	9005141	13A		0.00	101.0	100.0	101.00
28-May-90	9005141	11A		0.00	89.0	100.0	89.00
Type of Spike = Matrix Spike.							
11-May-90	9004276	29A		0.00	90.0	100.0	90.00
11-May-90	9004276	15A		0.00	104.0	100.0	104.00
11-May-90	9004276	17A		0.00	106.0	100.0	106.00
11-May-90	9004276	31A		0.00	105.0	100.0	105.00
12-May-90	9004290	21A		0.00	89.0	100.0	89.00
12-May-90	9004290	19A		0.00	86.0	100.0	86.00
12-May-90	9004290	11A		0.00	92.0	100.0	92.00
12-May-90	9004290	13A		0.00	101.0	100.0	101.00
15-May-90	9005012	18A		0.00	104.0	100.0	104.00
15-May-90	9005012	26A		0.00	93.0	100.0	93.00
15-May-90	9005012	27A		0.00	97.0	100.0	97.00

NC: Not Calculable

TABLE 4. DETAILED LISTING OF SPIKE RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Date	Lab ID	Lab Fraction	Flag	Sample Result	Spiked Sample Result	Spike Added	% Recovery
Method: Mercury by cold vapor							
Matrix: Groundwater							
Spiked Analyte = Mercury							
Type of Spike = Matrix Spike. continued							
15-May-90	9005012	15A		0.00	102.0	100.0	102.00
15-May-90	9005012	17A		0.00	106.0	100.0	106.00
15-May-90	9005012	30A		0.00	106.0	100.0	106.00
15-May-90	9005012	14A		0.00	103.0	100.0	103.00
15-May-90	9005012	29A		0.00	97.0	100.0	97.00
21-May-90	9005105	11A		0.00	93.0	100.0	93.00
21-May-90	9005103	36A		0.00	95.0	100.0	95.00
21-May-90	9005103	38A		0.00	97.0	100.0	97.00
21-May-90	9005105	13A		0.00	95.0	100.0	95.00

Number of Samples = 164 Below acceptance = 2
Mean % Recovery = 94 Above acceptance = 0
Standard Deviation = 10.45 Acceptance Criteria 75.00 - 125.00

Date	Lab ID	Lab Fraction	Flag	Sample Result	Spiked Sample Result	Spike Added	% Recovery
Method: Mercury by cold vapor							
Matrix: Water (Field/Trip QC)							
Spiked Analyte = Mercury							
Type of Spike = Analytical Spike.							
08-May-90	9004234	14A		0.00	87.0	100.0	87.00
08-May-90	9004234	20A		0.00	90.0	100.0	90.00
09-May-90	9004248	51A		0.00	90.0	100.0	90.00
09-May-90	9004248	28A		0.00	98.0	100.0	98.00
12-May-90	9004290	16A		0.00	92.0	100.0	92.00
12-May-90	9004290	24A		0.00	96.0	100.0	96.00
14-May-90	9005001	35A		0.00	96.0	100.0	96.00
14-May-90	9005001	23A		0.00	97.0	100.0	97.00
16-May-90	9005065	22A		0.00	114.0	100.0	114.00
16-May-90	9005065	34A		0.00	97.0	100.0	97.00
24-May-90	9005114	40A		0.00	92.0	100.0	92.00
24-May-90	9005114	32A		0.00	101.0	100.0	101.00
24-May-90	9005114	22A		0.00	89.0	100.0	89.00
24-May-90	9005114	50A		0.00	96.0	100.0	96.00

NC: Not Calculable

TABLE 4. DETAILED LISTING OF SPIKE RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Method: Mercury by cold vapor
Matrix: Water (Field/Trip QC)
Spiked Analyte = Mercury
Type of Spike = Analytical Spike. continued

Number of Samples = 14
Mean % Recovery = 95
Standard Deviation = 6.69

Below acceptance = 0
Above acceptance = 0
Acceptance Criteria 75.00 - 125.00

Method: Mercury by cold vapor
Matrix: Surface Water
Spiked Analyte = Mercury

Type of Spike = Analytical Spike.

Date	Lab ID	Lab Fraction	Flag	Sample Result	Spiked Sample Result	Spike Added	% Recovery
17-May-90	9005083	34A		0.00	103.0	100.0	103.00
17-May-90	9005083	46A		0.00	99.0	100.0	99.00
17-May-90	9005083	48A		0.00	92.0	100.0	92.00
17-May-90	9005083	26A		0.00	99.0	100.0	99.00
17-May-90	9005083	22A		0.00	107.0	100.0	107.00
17-May-90	9005083	38A		0.00	101.0	100.0	101.00
17-May-90	9005083	28A		0.00	89.0	100.0	89.00
17-May-90	9005083	44A		0.00	115.0	100.0	115.00
17-May-90	9005083	40A		0.00	103.0	100.0	103.00
17-May-90	9005083	24A		0.00	96.0	100.0	96.00
17-May-90	9005083	30A		0.00	99.0	100.0	99.00
17-May-90	9005083	18A		0.00	102.0	100.0	102.00
17-May-90	9005083	36A		0.00	97.0	100.0	97.00
17-May-90	9005083	20A		0.00	103.0	100.0	103.00
17-May-90	9005083	42A		0.00	106.0	100.0	106.00
17-May-90	9005083	32A		0.00	99.0	100.0	99.00
21-May-90	9005105	02A		0.00	97.0	100.0	97.00
21-May-90	9005103	31A		0.00	88.0	100.0	88.00
21-May-90	9005103	27A		0.00	98.0	100.0	98.00
21-May-90	9005105	06A		0.00	98.0	100.0	98.00
21-May-90	9005105	04A		0.00	91.0	100.0	91.00
21-May-90	9005103	33A		0.00	89.0	100.0	89.00
21-May-90	9005105	08A		0.00	95.0	100.0	95.00
21-May-90	9005103	29A		0.00	88.0	100.0	88.00

NC: Not Calculable

TABLE 4. DETAILED LISTING OF SPIKE RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Method: Mercury by cold vapor
Matrix: Surface Water
Spiked Analyte = Mercury
Type of Spike = Analytical Spike. continued

Number of Samples = 24
Mean % Recovery = 98
Standard Deviation = 6.59

Below acceptance = 0
Above acceptance = 0
Acceptance Criteria 75.00 - 125.00

Method: ICP 25 element scan
Matrix: Groundwater
Spiked Analyte = Aluminum

Type of Spike = Analytical Spike.

Date	Lab ID	Lab Fraction	Flag	Sample Result	Spiked Sample Result	Spike Added	% Recovery
02-May-90	9004179	23A		0.00	93.0	100.0	93.00
02-May-90	9004179	21A		0.00	97.0	100.0	97.00
02-May-90	9004168	18A		0.00	91.0	100.0	91.00
02-May-90	9004168	21A		0.00	71.0	100.0	71.00
02-May-90	9004168	22A		0.00	78.0	100.0	78.00
02-May-90	9004179	15A		0.00	101.0	100.0	101.00
02-May-90	9004179	13A		0.00	88.0	100.0	88.00
02-May-90	9004179	11A		0.00	91.0	100.0	91.00
02-May-90	9004179	19A		0.00	97.0	100.0	97.00
02-May-90	9004168	23A		0.00	87.0	100.0	87.00
02-May-90	9004179	17A		0.00	97.0	100.0	97.00
02-May-90	9004168	20A		0.00	87.0	100.0	87.00
02-May-90	9004168	25A		0.00	94.0	100.0	94.00
02-May-90	9004168	19A		0.00	98.0	100.0	98.00
02-May-90	9004168	24A		0.00	76.0	100.0	76.00
03-May-90	9004195	20A		0.00	95.0	100.0	95.00
03-May-90	9004195	28A		0.00	98.0	100.0	98.00
03-May-90	9004195	24A		0.00	101.0	100.0	101.00
03-May-90	9004195	26A		0.00	101.0	100.0	101.00
03-May-90	9004195	22A		0.00	97.0	100.0	97.00
03-May-90	9004195	12A		0.00	95.0	100.0	95.00
03-May-90	9004195	14A		0.00	96.0	100.0	96.00
03-May-90	9004195	16A		0.00	115.0	100.0	115.00
03-May-90	9004195	18A		0.00	98.0	100.0	98.00

NC: Not Calculable

TABLE 4. DETAILED LISTING OF SPIKE RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Date	Lab ID	Lab Fraction	Flag	Sample Result	Spiked Sample Result	Spike Added	% Recovery
Method: ICP 25 element scan							
Matrix: Groundwater							
Spiked Analyte = Aluminum							
Type of Spike = Analytical Spike. continued							
03-May-90	9004195	30A		0.00	97.0	100.0	97.00
07-May-90	9004248	38A		0.00	93.0	100.0	93.00
07-May-90	9004248	40A		0.00	90.0	100.0	90.00
07-May-90	9004234	10A		0.00	88.0	100.0	88.00
07-May-90	9004248	30A		0.00	92.0	100.0	92.00
07-May-90	9004248	18A		0.00	92.0	100.0	92.00
07-May-90	9004248	22A		0.00	93.0	100.0	93.00
07-May-90	9004218	08A		0.00	92.0	100.0	92.00
07-May-90	9004218	04A		0.00	85.0	100.0	85.00
07-May-90	9004248	34A		0.00	92.0	100.0	92.00
07-May-90	9004234	18A		0.00	88.0	100.0	88.00
07-May-90	9004248	26A		0.00	97.0	100.0	97.00
07-May-90	9004248	53A		0.00	91.0	100.0	91.00
07-May-90	9004234	12A		0.00	89.0	100.0	89.00
07-May-90	9004248	32A		0.00	92.0	100.0	92.00
07-May-90	9004218	10A		0.00	88.0	100.0	88.00
07-May-90	9004248	24A		0.00	92.0	100.0	92.00
07-May-90	9004248	16A		0.00	91.0	100.0	91.00
07-May-90	9004218	06A		0.00	88.0	100.0	88.00
07-May-90	9004234	16A		0.00	87.0	100.0	87.00
07-May-90	9004248	42A		0.00	88.0	100.0	88.00
07-May-90	9004248	36A		0.00	92.0	100.0	92.00
07-May-90	9004248	20A		0.00	92.0	100.0	92.00
08-May-90	9004179	10A		0.00	92.0	100.0	92.00
11-May-90	9004308	07A		0.00	91.0	100.0	91.00
11-May-90	9004290	22A		0.00	91.0	100.0	91.00
11-May-90	9004290	12A		0.00	91.0	100.0	91.00
11-May-90	9004308	05A		0.00	89.0	100.0	89.00
11-May-90	9004308	15A		0.00	90.0	100.0	90.00
11-May-90	9004308	09A		0.00	91.0	100.0	91.00
11-May-90	9004290	10A		0.00	91.0	100.0	91.00
11-May-90	9004290	14A		0.00	89.0	100.0	89.00
11-May-90	9004308	11A		0.00	89.0	100.0	89.00
11-May-90	9004290	20A		0.00	90.0	100.0	90.00
11-May-90	9004290	18A		0.00	89.0	100.0	89.00
11-May-90	9004308	13A		0.00	89.0	100.0	89.00

NC: Not Calculable

TABLE 4. DETAILED LISTING OF SPIKE RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Date	Lab ID	Lab Fraction	Flag	Sample Result	Spiked Sample Result	Spike Added	% Recovery
Method: ICP 25 element scan							
Matrix: Groundwater							
Spiked Analyte = Aluminum							
Type of Spike = Analytical Spike. continued							
14-May-90	9004276	14A		0.00	92.0	100.0	92.00
14-May-90	9004276	40A		0.00	91.0	100.0	91.00
14-May-90	9004276	20A		0.00	92.0	100.0	92.00
14-May-90	9004276	32A		0.00	89.0	100.0	89.00
14-May-90	9004276	26A		0.00	91.0	100.0	91.00
14-May-90	9004276	30A		0.00	90.0	100.0	90.00
14-May-90	9004276	22A		0.00	92.0	100.0	92.00
14-May-90	9004276	38A		0.00	92.0	100.0	92.00
14-May-90	9004276	34A		0.00	91.0	100.0	91.00
14-May-90	9004276	36A		0.00	91.0	100.0	91.00
14-May-90	9004276	24A		0.00	91.0	100.0	91.00
14-May-90	9004276	28A		0.00	90.0	100.0	90.00
14-May-90	9004276	18A		0.00	91.0	100.0	91.00
14-May-90	9004276	16A		0.00	92.0	100.0	92.00
15-May-90	9005001	19A		0.00	94.0	100.0	94.00
15-May-90	9005001	37A		0.00	93.0	100.0	93.00
15-May-90	9005001	31A		0.00	93.0	100.0	93.00
15-May-90	9005001	27A		0.00	93.0	100.0	93.00
15-May-90	9005001	39A		0.00	93.0	100.0	93.00
15-May-90	9005001	21A		0.00	92.0	100.0	92.00
15-May-90	9005001	33A		0.00	77.0	100.0	77.00
15-May-90	9005001	17A		0.00	94.0	100.0	94.00
15-May-90	9005001	29A		0.00	94.0	100.0	94.00
15-May-90	9005001	25A		0.00	94.0	100.0	94.00
16-May-90	9005012	22A		0.00	89.0	100.0	89.00
16-May-90	9005012	16A		0.00	89.0	100.0	89.00
16-May-90	9005012	20A		0.00	89.0	100.0	89.00
16-May-90	9005012	36A		0.00	89.0	100.0	89.00
16-May-90	9005012	24A		0.00	89.0	100.0	89.00
16-May-90	9005012	28A		0.00	88.0	100.0	88.00
16-May-90	9005012	34A		0.00	88.0	100.0	88.00
16-May-90	9005012	32A		0.00	87.0	100.0	87.00
18-May-90	9005065	28A		0.00	89.0	100.0	89.00
18-May-90	9005065	26A		0.00	90.0	100.0	90.00
18-May-90	9005065	24A		0.00	91.0	100.0	91.00
18-May-90	9005065	36A		0.00	90.0	100.0	90.00

NC: Not Calculable

TABLE 4. DETAILED LISTING OF SPIKE RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Date	Lab ID	Lab Fraction	Flag	Sample Result	Spiked Sample Result	Spike Added	% Recovery
Method: ICP 25 element scan							
Matrix: Groundwater							
Spiked Analyte = Aluminum							
Type of Spike = Analytical Spike. continued							
18-May-90	9005065	30A		0.00	90.0	100.0	90.00
18-May-90	9005065	16A		0.00	92.0	100.0	92.00
18-May-90	9005065	14A		0.00	96.0	100.0	96.00
18-May-90	9005065	18A		0.00	93.0	100.0	93.00
18-May-90	9005065	32A		0.00	90.0	100.0	90.00
18-May-90	9005065	20A		0.00	91.0	100.0	91.00
29-May-90	9005103	43A		0.00	90.0	100.0	90.00
29-May-90	9005103	39A		0.00	94.0	100.0	94.00
29-May-90	9005114	46A		0.00	90.0	100.0	90.00
29-May-90	9005114	52A		0.00	90.0	100.0	90.00
29-May-90	9005114	34A		0.00	91.0	100.0	91.00
29-May-90	9005114	30A		0.00	92.0	100.0	92.00
29-May-90	9005114	26A		0.00	79.0	100.0	79.00
29-May-90	9005103	35A		0.00	93.0	100.0	93.00
29-May-90	9005103	37A		0.00	96.0	100.0	96.00
29-May-90	9005114	24A		0.00	109.0	100.0	109.00
29-May-90	9005114	48A		0.00	88.0	100.0	88.00
29-May-90	9005114	42A		0.00	90.0	100.0	90.00
29-May-90	9005114	20A		0.00	92.0	100.0	92.00
29-May-90	9005114	28A		0.00	94.0	100.0	94.00
29-May-90	9005114	36A		0.00	92.0	100.0	92.00
29-May-90	9005103	41A		0.00	89.0	100.0	89.00
29-May-90	9005114	44A		0.00	94.0	100.0	94.00
29-May-90	9005114	38A		0.00	90.0	100.0	90.00
29-May-90	9005103	45A		0.00	92.0	100.0	92.00
29-May-90	9005114	54A		0.00	92.0	100.0	92.00
30-May-90	9005105	10A		0.00	84.0	100.0	84.00
30-May-90	9005105	18A		0.00	84.0	100.0	84.00
30-May-90	9005105	12A		0.00	84.0	100.0	84.00
30-May-90	9005105	20A		0.00	86.0	100.0	86.00
30-May-90	9005105	16A		0.00	85.0	100.0	85.00
01-Jun-90	9005141	25A		0.00	92.0	100.0	92.00
01-Jun-90	9005141	15A		0.00	93.0	100.0	93.00
01-Jun-90	9005141	31A		0.00	91.0	100.0	91.00
01-Jun-90	9005141	21A		0.00	93.0	100.0	93.00
01-Jun-90	9005141	27A		0.00	92.0	100.0	92.00

NC: Not Calculable

TABLE 4. DETAILED LISTING OF SPIKE RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Date	Lab ID	Lab Fraction	Flag	Sample Result	Spiked Sample Result	Spike Added	% Recovery
Method: ICP 25 element scan							
Matrix: Groundwater							
Spiked Analyte = Aluminum							
Type of Spike = Analytical Spike. continued							
01-Jun-90	9005141	37A		0.00	91.0	100.0	91.00
01-Jun-90	9005141	13A		0.00	93.0	100.0	93.00
01-Jun-90	9005141	23A		0.00	93.0	100.0	93.00
01-Jun-90	9005141	39A		0.00	86.0	100.0	86.00
01-Jun-90	9005141	35A		0.00	88.0	100.0	88.00
01-Jun-90	9005141	17A		0.00	95.0	100.0	95.00
01-Jun-90	9005141	33A		0.00	92.0	100.0	92.00
01-Jun-90	9005141	11A		0.00	95.0	100.0	95.00
01-Jun-90	9005141	19A		0.00	95.0	100.0	95.00
01-Jun-90	9005141	09A		0.00	117.0	100.0	117.00
01-Jun-90	9005141	29A		0.00	92.0	100.0	92.00
05-Jun-90	9005105	14A		0.00	90.0	100.0	90.00
Type of Spike = Matrix Spike.							
11-May-90	9004290	11A		0.00	101.0	100.0	101.00
11-May-90	9004290	13A		0.00	99.0	100.0	99.00
11-May-90	9004290	19A		0.00	88.0	100.0	88.00
11-May-90	9004290	21A		0.00	98.0	100.0	98.00
14-May-90	9004276	31A		0.00	100.0	100.0	100.00
14-May-90	9004276	29A		0.00	98.0	100.0	98.00
14-May-90	9004276	17A		0.00	253.0	100.0	253.00
14-May-90	9004276	15A		0.00	235.0	100.0	235.00
16-May-90	9005012	26A		0.00	95.0	100.0	95.00
16-May-90	9005012	27A		0.00	93.0	100.0	93.00
16-May-90	9005012	15A		0.00	115.0	100.0	115.00
16-May-90	9005012	18A		0.00	89.0	100.0	89.00
16-May-90	9005012	29A		0.00	88.0	100.0	88.00
16-May-90	9005012	30A		0.00	88.0	100.0	88.00
16-May-90	9005012	17A		0.00	89.0	100.0	89.00
16-May-90	9005012	14A		0.00	141.0	100.0	141.00
29-May-90	9005103	36A		0.00	112.0	100.0	112.00
29-May-90	9005103	38A		0.00	111.0	100.0	111.00
30-May-90	9005105	11A		0.00	92.0	100.0	92.00
05-Jun-90	9005105	13A		0.00	101.0	100.0	101.00

NC: Not Calculable

TABLE 4. DETAILED LISTING OF SPIKE RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Date	Lab ID	Lab Fraction	Flag	Sample Result	Spiked Sample Result	Spike Added	% Recovery

Method: ICP 25 element scan
Matrix: Groundwater
Spiked Analyte = Aluminum
Type of Spike = Matrix Spike. continued

Number of Samples = 164
Mean % Recovery = 94
Standard Deviation = 18.18

Below acceptance = 1
Above acceptance = 3
Acceptance Criteria 75.00 - 125.00

Method: ICP 25 element scan
Matrix: Groundwater
Spiked Analyte = Antimony

Type of Spike = Analytical Spike.

02-May-90	9004168	23A		0.00	89.0	100.0	89.00
02-May-90	9004168	24A		0.00	78.0	100.0	78.00
02-May-90	9004179	13A		0.00	92.0	100.0	92.00
02-May-90	9004179	15A		0.00	96.0	100.0	96.00
02-May-90	9004168	25A		0.00	90.0	100.0	90.00
02-May-90	9004179	23A		0.00	94.0	100.0	94.00
02-May-90	9004168	18A		0.00	86.0	100.0	86.00
02-May-90	9004179	17A		0.00	99.0	100.0	99.00
02-May-90	9004168	21A		0.00	95.0	100.0	95.00
02-May-90	9004179	11A		0.00	98.0	100.0	98.00
02-May-90	9004179	19A		0.00	99.0	100.0	99.00
02-May-90	9004168	20A		0.00	86.0	100.0	86.00
02-May-90	9004179	21A		0.00	94.0	100.0	94.00
02-May-90	9004168	19A		0.00	90.0	100.0	90.00
02-May-90	9004168	22A		0.00	78.0	100.0	78.00
03-May-90	9004195	20A		0.00	101.0	100.0	101.00
03-May-90	9004195	24A		0.00	94.0	100.0	94.00
03-May-90	9004195	28A		0.00	92.0	100.0	92.00
03-May-90	9004195	14A		0.00	102.0	100.0	102.00
03-May-90	9004195	22A		0.00	90.0	100.0	90.00
03-May-90	9004195	30A		0.00	88.0	100.0	88.00
03-May-90	9004195	18A		0.00	98.0	100.0	98.00
03-May-90	9004195	26A		0.00	91.0	100.0	91.00
03-May-90	9004195	12A		0.00	102.0	100.0	102.00
03-May-90	9004195	16A		0.00	100.0	100.0	100.00

NC: Not Calculable

TABLE 4. DETAILED LISTING OF SPIKE RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Date	Lab ID	Lab Fraction	Flag	Sample Result	Spiked Sample Result	Spike Added	% Recovery
Method: ICP 25 element scan							
Matrix: Groundwater							
Spiked Analyte = Antimony							
Type of Spike = Analytical Spike. continued							
07-May-90	9004234	12A		0.00	81.0	100.0	81.00
07-May-90	9004248	32A		0.00	85.0	100.0	85.00
07-May-90	9004248	42A		0.00	85.0	100.0	85.00
07-May-90	9004218	10A		0.00	82.0	100.0	82.00
07-May-90	9004218	06A		0.00	85.0	100.0	85.00
07-May-90	9004248	36A		0.00	85.0	100.0	85.00
07-May-90	9004248	34A		0.00	85.0	100.0	85.00
07-May-90	9004248	24A		0.00	86.0	100.0	86.00
07-May-90	9004248	18A		0.00	84.0	100.0	84.00
07-May-90	9004234	10A		0.00	83.0	100.0	83.00
07-May-90	9004248	40A		0.00	83.0	100.0	83.00
07-May-90	9004248	30A		0.00	89.0	100.0	89.00
07-May-90	9004248	38A		0.00	84.0	100.0	84.00
07-May-90	9004248	16A		0.00	83.0	100.0	83.00
07-May-90	9004218	08A		0.00	78.0	100.0	78.00
07-May-90	9004218	04A		0.00	77.0	100.0	77.00
07-May-90	9004248	26A		0.00	84.0	100.0	84.00
07-May-90	9004248	53A		0.00	82.0	100.0	82.00
07-May-90	9004234	16A		0.00	82.0	100.0	82.00
07-May-90	9004248	20A		0.00	83.0	100.0	83.00
07-May-90	9004248	22A		0.00	84.0	100.0	84.00
07-May-90	9004234	18A		0.00	79.0	100.0	79.00
08-May-90	9004179	10A		0.00	94.0	100.0	94.00
11-May-90	9004308	15A		0.00	79.0	100.0	79.00
11-May-90	9004290	20A		0.00	88.0	100.0	88.00
11-May-90	9004290	14A		0.00	88.0	100.0	88.00
11-May-90	9004308	05A		0.00	82.0	100.0	82.00
11-May-90	9004290	12A		0.00	83.0	100.0	83.00
11-May-90	9004308	11A		0.00	83.0	100.0	83.00
11-May-90	9004308	13A		0.00	85.0	100.0	85.00
11-May-90	9004308	07A		0.00	88.0	100.0	88.00
11-May-90	9004290	22A		0.00	85.0	100.0	85.00
11-May-90	9004290	10A		0.00	81.0	100.0	81.00
11-May-90	9004308	09A		0.00	86.0	100.0	86.00
11-May-90	9004290	18A		0.00	82.0	100.0	82.00
14-May-90	9004276	16A		0.00	87.0	100.0	87.00

NC: Not Calculable

TABLE 4. DETAILED LISTING OF SPIKE RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Date	Lab ID	Lab Fraction	Flag	Sample Result	Spiked Sample Result	Spike Added	% Recovery
Method: ICP 25 element scan							
Matrix: Groundwater							
Spiked Analyte = Antimony							
Type of Spike = Analytical Spike. continued							
14-May-90	9004276	30A		0.00	87.0	100.0	87.00
14-May-90	9004276	36A		0.00	85.0	100.0	85.00
14-May-90	9004276	22A		0.00	89.0	100.0	89.00
14-May-90	9004276	34A		0.00	83.0	100.0	83.00
14-May-90	9004276	28A		0.00	83.0	100.0	83.00
14-May-90	9004276	32A		0.00	82.0	100.0	82.00
14-May-90	9004276	24A		0.00	89.0	100.0	89.00
14-May-90	9004276	20A		0.00	90.0	100.0	90.00
14-May-90	9004276	26A		0.00	86.0	100.0	86.00
14-May-90	9004276	38A		0.00	86.0	100.0	86.00
14-May-90	9004276	40A		0.00	89.0	100.0	89.00
14-May-90	9004276	14A		0.00	86.0	100.0	86.00
14-May-90	9004276	18A		0.00	89.0	100.0	89.00
15-May-90	9005001	25A		0.00	86.0	100.0	86.00
15-May-90	9005001	17A		0.00	85.0	100.0	85.00
15-May-90	9005001	39A		0.00	83.0	100.0	83.00
15-May-90	9005001	31A		0.00	82.0	100.0	82.00
15-May-90	9005001	37A		0.00	81.0	100.0	81.00
15-May-90	9005001	21A		0.00	92.0	100.0	92.00
15-May-90	9005001	33A		0.00	87.0	100.0	87.00
15-May-90	9005001	27A		0.00	84.0	100.0	84.00
15-May-90	9005001	19A		0.00	85.0	100.0	85.00
15-May-90	9005001	29A		0.00	84.0	100.0	84.00
16-May-90	9005012	32A		0.00	83.0	100.0	83.00
16-May-90	9005012	24A		0.00	83.0	100.0	83.00
16-May-90	9005012	28A		0.00	82.0	100.0	82.00
16-May-90	9005012	20A		0.00	84.0	100.0	84.00
16-May-90	9005012	36A		0.00	89.0	100.0	89.00
16-May-90	9005012	22A		0.00	84.0	100.0	84.00
16-May-90	9005012	16A		0.00	81.0	100.0	81.00
16-May-90	9005012	34A		0.00	84.0	100.0	84.00
18-May-90	9005065	16A		0.00	78.0	100.0	78.00
18-May-90	9005065	28A		0.00	79.0	100.0	79.00
18-May-90	9005065	24A		0.00	90.0	100.0	90.00
18-May-90	9005065	14A		0.00	81.0	100.0	81.00
18-May-90	9005065	26A		0.00	75.0	100.0	75.00

NC: Not Calculable

TABLE 4. DETAILED LISTING OF SPIKE RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Date	Lab ID	Lab Fraction	Flag	Sample Result	Spiked Sample Result	Spike Added	% Recovery
Method: ICP 25 element scan							
Matrix: Groundwater							
Spiked Analyte = Antimony							
Type of Spike = Analytical Spike. continued							
18-May-90	9005065	20A		0.00	78.0	100.0	78.00
18-May-90	9005065	18A		0.00	86.0	100.0	86.00
18-May-90	9005065	32A		0.00	77.0	100.0	77.00
18-May-90	9005065	36A		0.00	79.0	100.0	79.00
18-May-90	9005065	30A		0.00	78.0	100.0	78.00
29-May-90	9005103	41A		0.00	85.0	100.0	85.00
29-May-90	9005114	44A		0.00	89.0	100.0	89.00
29-May-90	9005114	20A		0.00	90.0	100.0	90.00
29-May-90	9005103	39A		0.00	91.0	100.0	91.00
29-May-90	9005114	46A		0.00	90.0	100.0	90.00
29-May-90	9005114	48A		0.00	89.0	100.0	89.00
29-May-90	9005114	26A		0.00	84.0	100.0	84.00
29-May-90	9005114	34A		0.00	86.0	100.0	86.00
29-May-90	9005103	43A		0.00	80.0	100.0	80.00
29-May-90	9005114	42A		0.00	99.0	100.0	99.00
29-May-90	9005114	52A		0.00	84.0	100.0	84.00
29-May-90	9005114	54A		0.00	91.0	100.0	91.00
29-May-90	9005114	38A		0.00	88.0	100.0	88.00
29-May-90	9005103	45A		0.00	84.0	100.0	84.00
29-May-90	9005103	37A		0.00	84.0	100.0	84.00
29-May-90	9005103	35A		0.00	81.0	100.0	81.00
29-May-90	9005114	28A		0.00	83.0	100.0	83.00
29-May-90	9005114	30A		0.00	80.0	100.0	80.00
29-May-90	9005114	24A		0.00	84.0	100.0	84.00
29-May-90	9005114	36A		0.00	82.0	100.0	82.00
30-May-90	9005105	16A		0.00	88.0	100.0	88.00
30-May-90	9005105	12A		0.00	83.0	100.0	83.00
30-May-90	9005105	10A		0.00	87.0	100.0	87.00
30-May-90	9005105	18A		0.00	84.0	100.0	84.00
30-May-90	9005105	20A		0.00	86.0	100.0	86.00
01-Jun-90	9005141	35A		0.00	80.0	100.0	80.00
01-Jun-90	9005141	21A		0.00	84.0	100.0	84.00
01-Jun-90	9005141	25A		0.00	84.0	100.0	84.00
01-Jun-90	9005141	09A		0.00	83.0	100.0	83.00
01-Jun-90	9005141	33A		0.00	84.0	100.0	84.00
01-Jun-90	9005141	37A		0.00	83.0	100.0	83.00

NC: Not Calculable

TABLE 4. DETAILED LISTING OF SPIKE RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Date	Lab ID	Lab Fraction	Flag	Sample Result	Spiked Sample Result	Spike Added	% Recovery
Method: ICP 25 element scan							
Matrix: Groundwater							
Spiked Analyte = Antimony							
Type of Spike = Analytical Spike. continued							
01-Jun-90	9005141	39A		0.00	84.0	100.0	84.00
01-Jun-90	9005141	19A		0.00	83.0	100.0	83.00
01-Jun-90	9005141	15A		0.00	84.0	100.0	84.00
01-Jun-90	9005141	17A		0.00	84.0	100.0	84.00
01-Jun-90	9005141	29A		0.00	85.0	100.0	85.00
01-Jun-90	9005141	23A		0.00	87.0	100.0	87.00
01-Jun-90	9005141	27A		0.00	86.0	100.0	86.00
01-Jun-90	9005141	13A		0.00	82.0	100.0	82.00
01-Jun-90	9005141	31A		0.00	85.0	100.0	85.00
01-Jun-90	9005141	11A		0.00	86.0	100.0	86.00
05-Jun-90	9005105	14A		0.00	83.0	100.0	83.00
Type of Spike = Matrix Spike.							
11-May-90	9004290	13A		0.00	80.0	100.0	80.00
11-May-90	9004290	19A		0.00	82.0	100.0	82.00
11-May-90	9004290	11A		0.00	84.0	100.0	84.00
11-May-90	9004290	21A		0.00	89.0	100.0	89.00
14-May-90	9004276	31A		0.00	95.0	100.0	95.00
14-May-90	9004276	15A		0.00	80.0	100.0	80.00
14-May-90	9004276	17A		0.00	81.0	100.0	81.00
14-May-90	9004276	29A		0.00	93.0	100.0	93.00
16-May-90	9005012	17A		0.00	88.0	100.0	88.00
16-May-90	9005012	26A		0.00	96.0	100.0	96.00
16-May-90	9005012	18A		0.00	82.0	100.0	82.00
16-May-90	9005012	27A		0.00	89.0	100.0	89.00
16-May-90	9005012	14A		0.00	81.0	100.0	81.00
16-May-90	9005012	15A		0.00	85.0	100.0	85.00
16-May-90	9005012	29A		0.00	78.0	100.0	78.00
16-May-90	9005012	30A		0.00	86.0	100.0	86.00
29-May-90	9005103	36A		0.00	87.0	100.0	87.00
29-May-90	9005103	38A		0.00	87.0	100.0	87.00
30-May-90	9005105	11A		0.00	91.0	100.0	91.00
05-Jun-90	9005105	13A		0.00	92.0	100.0	92.00

Number of Samples = 164 Below acceptance = 0

NC: Not Calculable

TABLE 4. DETAILED LISTING OF SPIKE RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Date	Lab ID	Lab Fraction	Flag	Sample Result	Spiked Sample Result	Spike Added	% Recovery

Method: ICP 25 element scan
Matrix: Groundwater
Spiked Analyte = Antimony
Type of Spike = Matrix Spike. continued

Mean % Recovery = 85 Above acceptance = 0
Standard Deviation = 5.33 Acceptance Criteria 75.00 - 125.00

Method: ICP 25 element scan
Matrix: Groundwater
Spiked Analyte = Arsenic

Type of Spike = Analytical Spike.

02-May-90	9004179	21A		0.00	105.0	100.0	105.00
02-May-90	9004168	23A		0.00	111.0	100.0	111.00
02-May-90	9004179	23A		0.00	107.0	100.0	107.00
02-May-90	9004179	19A		0.00	108.0	100.0	108.00
02-May-90	9004168	25A		0.00	105.0	100.0	105.00
02-May-90	9004179	11A		0.00	106.0	100.0	106.00
02-May-90	9004168	21A		0.00	108.0	100.0	108.00
02-May-90	9004179	13A		0.00	107.0	100.0	107.00
02-May-90	9004168	18A		0.00	102.0	100.0	102.00
02-May-90	9004168	19A		0.00	104.0	100.0	104.00
02-May-90	9004179	15A		0.00	101.0	100.0	101.00
02-May-90	9004179	17A		0.00	110.0	100.0	110.00
02-May-90	9004168	22A		0.00	93.0	100.0	93.00
02-May-90	9004168	20A		0.00	105.0	100.0	105.00
02-May-90	9004168	24A		0.00	93.0	100.0	93.00
03-May-90	9004195	12A		0.00	114.0	100.0	114.00
03-May-90	9004195	22A		0.00	112.0	100.0	112.00
03-May-90	9004195	28A		0.00	110.0	100.0	110.00
03-May-90	9004195	14A		0.00	114.0	100.0	114.00
03-May-90	9004195	16A		0.00	115.0	100.0	115.00
03-May-90	9004195	26A		0.00	108.0	100.0	108.00
03-May-90	9004195	24A		0.00	109.0	100.0	109.00
03-May-90	9004195	18A		0.00	116.0	100.0	116.00
03-May-90	9004195	20A		0.00	109.0	100.0	109.00
03-May-90	9004195	30A		0.00	112.0	100.0	112.00
07-May-90	9004248	26A		0.00	104.0	100.0	104.00

NC: Not Calculable

TABLE 4. DETAILED LISTING OF SPIKE RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Date	Lab ID	Lab Fraction	Flag	Sample Result	Spiked Sample Result	Spike Added	% Recovery
Method: ICP 25 element scan							
Matrix: Groundwater							
Spiked Analyte = Arsenic							
Type of Spike = Analytical Spike. continued							
07-May-90	9004218	06A		0.00	99.0	100.0	99.00
07-May-90	9004234	16A		0.00	100.0	100.0	100.00
07-May-90	9004234	12A		0.00	103.0	100.0	103.00
07-May-90	9004248	34A		0.00	104.0	100.0	104.00
07-May-90	9004248	16A		0.00	103.0	100.0	103.00
07-May-90	9004248	20A		0.00	101.0	100.0	101.00
07-May-90	9004234	10A		0.00	98.0	100.0	98.00
07-May-90	9004248	40A		0.00	103.0	100.0	103.00
07-May-90	9004218	10A		0.00	98.0	100.0	98.00
07-May-90	9004248	42A		0.00	100.0	100.0	100.00
07-May-90	9004248	32A		0.00	102.0	100.0	102.00
07-May-90	9004234	18A		0.00	98.0	100.0	98.00
07-May-90	9004218	08A		0.00	100.0	100.0	100.00
07-May-90	9004248	36A		0.00	106.0	100.0	106.00
07-May-90	9004248	38A		0.00	105.0	100.0	105.00
07-May-90	9004248	18A		0.00	100.0	100.0	100.00
07-May-90	9004248	30A		0.00	104.0	100.0	104.00
07-May-90	9004248	24A		0.00	101.0	100.0	101.00
07-May-90	9004218	04A		0.00	96.0	100.0	96.00
07-May-90	9004248	22A		0.00	103.0	100.0	103.00
07-May-90	9004248	53A		0.00	102.0	100.0	102.00
08-May-90	9004179	10A		0.00	114.0	100.0	114.00
11-May-90	9004290	14A		0.00	102.0	100.0	102.00
11-May-90	9004308	07A		0.00	100.0	100.0	100.00
11-May-90	9004290	18A		0.00	101.0	100.0	101.00
11-May-90	9004290	12A		0.00	101.0	100.0	101.00
11-May-90	9004290	20A		0.00	101.0	100.0	101.00
11-May-90	9004308	05A		0.00	103.0	100.0	103.00
11-May-90	9004308	09A		0.00	103.0	100.0	103.00
11-May-90	9004308	15A		0.00	102.0	100.0	102.00
11-May-90	9004290	22A		0.00	99.0	100.0	99.00
11-May-90	9004308	13A		0.00	102.0	100.0	102.00
11-May-90	9004308	11A		0.00	102.0	100.0	102.00
11-May-90	9004290	10A		0.00	102.0	100.0	102.00
14-May-90	9004276	26A		0.00	96.0	100.0	96.00
14-May-90	9004276	34A		0.00	101.0	100.0	101.00

NC: Not Calculable

TABLE 4. DETAILED LISTING OF SPIKE RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Date	Lab ID	Lab Fraction	Flag	Sample Result	Spiked Sample Result	Spike Added	% Recovery
Method: ICP 25 element scan							
Matrix: Groundwater							
Spiked Analyte = Arsenic							
Type of Spike = Analytical Spike. continued							
14-May-90	9004276	28A		0.00	99.0	100.0	99.00
14-May-90	9004276	18A		0.00	101.0	100.0	101.00
14-May-90	9004276	30A		0.00	98.0	100.0	98.00
14-May-90	9004276	20A		0.00	103.0	100.0	103.00
14-May-90	9004276	24A		0.00	99.0	100.0	99.00
14-May-90	9004276	22A		0.00	100.0	100.0	100.00
14-May-90	9004276	40A		0.00	100.0	100.0	100.00
14-May-90	9004276	14A		0.00	101.0	100.0	101.00
14-May-90	9004276	36A		0.00	100.0	100.0	100.00
14-May-90	9004276	38A		0.00	97.0	100.0	97.00
14-May-90	9004276	16A		0.00	96.0	100.0	96.00
14-May-90	9004276	32A		0.00	96.0	100.0	96.00
15-May-90	9005001	37A		0.00	102.0	100.0	102.00
15-May-90	9005001	25A		0.00	105.0	100.0	105.00
15-May-90	9005001	21A		0.00	103.0	100.0	103.00
15-May-90	9005001	19A		0.00	103.0	100.0	103.00
15-May-90	9005001	39A		0.00	104.0	100.0	104.00
15-May-90	9005001	31A		0.00	104.0	100.0	104.00
15-May-90	9005001	17A		0.00	104.0	100.0	104.00
15-May-90	9005001	27A		0.00	103.0	100.0	103.00
15-May-90	9005001	33A		0.00	102.0	100.0	102.00
15-May-90	9005001	29A		0.00	106.0	100.0	106.00
16-May-90	9005012	34A		0.00	95.0	100.0	95.00
16-May-90	9005012	36A		0.00	97.0	100.0	97.00
16-May-90	9005012	28A		0.00	97.0	100.0	97.00
16-May-90	9005012	22A		0.00	96.0	100.0	96.00
16-May-90	9005012	24A		0.00	98.0	100.0	98.00
16-May-90	9005012	20A		0.00	96.0	100.0	96.00
16-May-90	9005012	32A		0.00	96.0	100.0	96.00
16-May-90	9005012	16A		0.00	98.0	100.0	98.00
18-May-90	9005065	16A		0.00	104.0	100.0	104.00
18-May-90	9005065	20A		0.00	105.0	100.0	105.00
18-May-90	9005065	32A		0.00	105.0	100.0	105.00
18-May-90	9005065	30A		0.00	104.0	100.0	104.00
18-May-90	9005065	28A		0.00	105.0	100.0	105.00
18-May-90	9005065	14A		0.00	105.0	100.0	105.00

NC: Not Calculable

TABLE 4. DETAILED LISTING OF SPIKE RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Date	Lab ID	Lab Fraction	Flag	Sample Result	Spiked Sample Result	Spike Added	% Recovery
Method: ICP 25 element scan							
Matrix: Groundwater							
Spiked Analyte = Arsenic							
Type of Spike = Analytical Spike. continued							
18-May-90	9005065	18A		0.00	105.0	100.0	105.00
18-May-90	9005065	24A		0.00	105.0	100.0	105.00
18-May-90	9005065	26A		0.00	104.0	100.0	104.00
18-May-90	9005065	36A		0.00	103.0	100.0	103.00
29-May-90	9005114	30A		0.00	102.0	100.0	102.00
29-May-90	9005103	39A		0.00	103.0	100.0	103.00
29-May-90	9005103	43A		0.00	96.0	100.0	96.00
29-May-90	9005114	54A		0.00	100.0	100.0	100.00
29-May-90	9005114	24A		0.00	104.0	100.0	104.00
29-May-90	9005114	34A		0.00	103.0	100.0	103.00
29-May-90	9005103	35A		0.00	101.0	100.0	101.00
29-May-90	9005103	45A		0.00	96.0	100.0	96.00
29-May-90	9005114	44A		0.00	106.0	100.0	106.00
29-May-90	9005114	36A		0.00	104.0	100.0	104.00
29-May-90	9005114	38A		0.00	105.0	100.0	105.00
29-May-90	9005114	28A		0.00	102.0	100.0	102.00
29-May-90	9005114	26A		0.00	103.0	100.0	103.00
29-May-90	9005114	52A		0.00	102.0	100.0	102.00
29-May-90	9005114	48A		0.00	98.0	100.0	98.00
29-May-90	9005114	46A		0.00	100.0	100.0	100.00
29-May-90	9005114	42A		0.00	101.0	100.0	101.00
29-May-90	9005114	20A		0.00	97.0	100.0	97.00
29-May-90	9005103	41A		0.00	102.0	100.0	102.00
29-May-90	9005103	37A		0.00	102.0	100.0	102.00
30-May-90	9005105	10A		0.00	96.0	100.0	96.00
30-May-90	9005105	20A		0.00	94.0	100.0	94.00
30-May-90	9005105	18A		0.00	96.0	100.0	96.00
30-May-90	9005105	16A		0.00	94.0	100.0	94.00
30-May-90	9005105	12A		0.00	95.0	100.0	95.00
01-Jun-90	9005141	39A		0.00	101.0	100.0	101.00
01-Jun-90	9005141	13A		0.00	105.0	100.0	105.00
01-Jun-90	9005141	17A		0.00	103.0	100.0	103.00
01-Jun-90	9005141	15A		0.00	102.0	100.0	102.00
01-Jun-90	9005141	09A		0.00	103.0	100.0	103.00
01-Jun-90	9005141	23A		0.00	104.0	100.0	104.00
01-Jun-90	9005141	27A		0.00	104.0	100.0	104.00

NC: Not Calculable

TABLE 4. DETAILED LISTING OF SPIKE RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Date	Lab ID	Lab Fraction	Flag	Sample Result	Spiked Sample Result	Spike Added	% Recovery
Method: ICP 25 element scan							
Matrix: Groundwater							
Spiked Analyte = Arsenic							
Type of Spike = Analytical Spike. continued							
01-Jun-90	9005141	19A		0.00	100.0	100.0	100.00
01-Jun-90	9005141	25A		0.00	101.0	100.0	101.00
01-Jun-90	9005141	37A		0.00	102.0	100.0	102.00
01-Jun-90	9005141	21A		0.00	104.0	100.0	104.00
01-Jun-90	9005141	33A		0.00	102.0	100.0	102.00
01-Jun-90	9005141	29A		0.00	103.0	100.0	103.00
01-Jun-90	9005141	11A		0.00	100.0	100.0	100.00
01-Jun-90	9005141	35A		0.00	104.0	100.0	104.00
01-Jun-90	9005141	31A		0.00	103.0	100.0	103.00
05-Jun-90	9005105	14A		0.00	86.0	100.0	86.00
Type of Spike = Matrix Spike.							
11-May-90	9004290	19A		0.00	105.0	100.0	105.00
11-May-90	9004290	13A		0.00	117.0	100.0	117.00
11-May-90	9004290	21A		0.00	114.0	100.0	114.00
11-May-90	9004290	11A		0.00	106.0	100.0	106.00
14-May-90	9004276	17A		0.00	102.0	100.0	102.00
14-May-90	9004276	15A		0.00	106.0	100.0	106.00
14-May-90	9004276	31A		0.00	112.0	100.0	112.00
14-May-90	9004276	29A		0.00	111.0	100.0	111.00
16-May-90	9005012	26A		0.00	109.0	100.0	109.00
16-May-90	9005012	27A		0.00	109.0	100.0	109.00
16-May-90	9005012	30A		0.00	95.0	100.0	95.00
16-May-90	9005012	29A		0.00	96.0	100.0	96.00
16-May-90	9005012	14A		0.00	99.0	100.0	99.00
16-May-90	9005012	15A		0.00	102.0	100.0	102.00
16-May-90	9005012	17A		0.00	98.0	100.0	98.00
16-May-90	9005012	18A		0.00	98.0	100.0	98.00
29-May-90	9005103	36A		0.00	108.0	100.0	108.00
29-May-90	9005103	38A		0.00	110.0	100.0	110.00
30-May-90	9005105	11A		0.00	110.0	100.0	110.00
05-Jun-90	9005105	13A		0.00	135.0	100.0	135.00

Number of Samples = 164 Below acceptance = 0

Mean % Recovery = 102 Above acceptance = 1

NC: Not Calculable

TABLE 4. DETAILED LISTING OF SPIKE RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Method: ICP 25 element scan
Matrix: Groundwater
Spiked Analyte = Arsenic
Type of Spike = Matrix Spike. continued

Standard Deviation = 5.56 Acceptance Criteria 75.00 - 125.00

Method: ICP 25 element scan
Matrix: Groundwater
Spiked Analyte = Barium

Type of Spike = Analytical Spike.

Date	Lab ID	Lab Fraction	Flag	Sample Result	Spiked Sample Result	Spike Added	% Recovery
02-May-90	9004179	11A		0.00	95.0	100.0	95.00
02-May-90	9004168	18A		0.00	88.0	100.0	88.00
02-May-90	9004179	13A		0.00	94.0	100.0	94.00
02-May-90	9004168	24A		0.00	78.0	100.0	78.00
02-May-90	9004179	17A		0.00	97.0	100.0	97.00
02-May-90	9004179	15A		0.00	89.0	100.0	89.00
02-May-90	9004168	20A		0.00	88.0	100.0	88.00
02-May-90	9004179	21A		0.00	91.0	100.0	91.00
02-May-90	9004168	22A		0.00	76.0	100.0	76.00
02-May-90	9004179	23A		0.00	94.0	100.0	94.00
02-May-90	9004168	21A		0.00	99.0	100.0	99.00
02-May-90	9004168	19A		0.00	89.0	100.0	89.00
02-May-90	9004168	25A		0.00	92.0	100.0	92.00
02-May-90	9004179	19A		0.00	94.0	100.0	94.00
02-May-90	9004168	23A		0.00	93.0	100.0	93.00
03-May-90	9004195	22A		0.00	99.0	100.0	99.00
03-May-90	9004195	14A		0.00	104.0	100.0	104.00
03-May-90	9004195	26A		0.00	93.0	100.0	93.00
03-May-90	9004195	24A		0.00	93.0	100.0	93.00
03-May-90	9004195	16A		0.00	102.0	100.0	102.00
03-May-90	9004195	18A		0.00	102.0	100.0	102.00
03-May-90	9004195	20A		0.00	95.0	100.0	95.00
03-May-90	9004195	28A		0.00	97.0	100.0	97.00
03-May-90	9004195	30A		0.00	97.0	100.0	97.00
03-May-90	9004195	12A		0.00	105.0	100.0	105.00
07-May-90	9004234	16A		0.00	88.0	100.0	88.00
07-May-90	9004248	26A		0.00	85.0	100.0	85.00

NC: Not Calculable

TABLE 4. DETAILED LISTING OF SPIKE RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Date	Lab ID	Lab Fraction	Flag	Sample Result	Spiked Sample Result	Spike Added	% Recovery
Method: ICP 25 element scan							
Matrix: Groundwater							
Spiked Analyte = Barium							
Type of Spike = Analytical Spike. continued							
07-May-90	9004234	12A		0.00	90.0	100.0	90.00
07-May-90	9004248	34A		0.00	86.0	100.0	86.00
07-May-90	9004218	08A		0.00	90.0	100.0	90.00
07-May-90	9004248	36A		0.00	87.0	100.0	87.00
07-May-90	9004218	06A		0.00	91.0	100.0	91.00
07-May-90	9004248	38A		0.00	87.0	100.0	87.00
07-May-90	9004218	04A		0.00	84.0	100.0	84.00
07-May-90	9004218	10A		0.00	87.0	100.0	87.00
07-May-90	9004248	40A		0.00	86.0	100.0	86.00
07-May-90	9004248	42A		0.00	87.0	100.0	87.00
07-May-90	9004248	53A		0.00	88.0	100.0	88.00
07-May-90	9004248	32A		0.00	87.0	100.0	87.00
07-May-90	9004248	18A		0.00	85.0	100.0	85.00
07-May-90	9004248	16A		0.00	86.0	100.0	86.00
07-May-90	9004248	20A		0.00	86.0	100.0	86.00
07-May-90	9004248	22A		0.00	87.0	100.0	87.00
07-May-90	9004234	18A		0.00	88.0	100.0	88.00
07-May-90	9004248	30A		0.00	87.0	100.0	87.00
07-May-90	9004248	24A		0.00	86.0	100.0	86.00
07-May-90	9004234	10A		0.00	86.0	100.0	86.00
08-May-90	9004179	10A		0.00	99.0	100.0	99.00
11-May-90	9004308	05A		0.00	89.0	100.0	89.00
11-May-90	9004308	15A		0.00	8.000	100.0	8.00
11-May-90	9004290	20A		0.00	86.0	100.0	86.00
11-May-90	9004308	13A		0.00	89.0	100.0	89.00
11-May-90	9004308	11A		0.00	87.0	100.0	87.00
11-May-90	9004290	22A		0.00	88.0	100.0	88.00
11-May-90	9004308	07A		0.00	90.0	100.0	90.00
11-May-90	9004290	12A		0.00	87.0	100.0	87.00
11-May-90	9004308	09A		0.00	89.0	100.0	89.00
11-May-90	9004290	10A		0.00	88.0	100.0	88.00
11-May-90	9004290	14A		0.00	88.0	100.0	88.00
11-May-90	9004290	18A		0.00	87.0	100.0	87.00
14-May-90	9004276	20A		0.00	88.0	100.0	88.00
14-May-90	9004276	16A		0.00	88.0	100.0	88.00
14-May-90	9004276	14A		0.00	88.0	100.0	88.00

NC: Not Calculable

TABLE 4. DETAILED LISTING OF SPIKE RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Date	Lab ID	Lab Fraction	Flag	Sample Result	Spiked Sample Result	Spike Added	% Recovery
Method: ICP 25 element scan							
Matrix: Groundwater							
Spiked Analyte = Barium							
Type of Spike = Analytical Spike. continued							
14-May-90	9004276	40A		0.00	88.0	100.0	88.00
14-May-90	9004276	22A		0.00	88.0	100.0	88.00
14-May-90	9004276	24A		0.00	88.0	100.0	88.00
14-May-90	9004276	34A		0.00	90.0	100.0	90.00
14-May-90	9004276	38A		0.00	88.0	100.0	88.00
14-May-90	9004276	36A		0.00	92.0	100.0	92.00
14-May-90	9004276	18A		0.00	88.0	100.0	88.00
14-May-90	9004276	28A		0.00	87.0	100.0	87.00
14-May-90	9004276	30A		0.00	87.0	100.0	87.00
14-May-90	9004276	26A		0.00	88.0	100.0	88.00
14-May-90	9004276	32A		0.00	85.0	100.0	85.00
15-May-90	9005001	19A		0.00	91.0	100.0	91.00
15-May-90	9005001	39A		0.00	90.0	100.0	90.00
15-May-90	9005001	29A		0.00	89.0	100.0	89.00
15-May-90	9005001	21A		0.00	90.0	100.0	90.00
15-May-90	9005001	17A		0.00	90.0	100.0	90.00
15-May-90	9005001	27A		0.00	90.0	100.0	90.00
15-May-90	9005001	31A		0.00	90.0	100.0	90.00
15-May-90	9005001	33A		0.00	91.0	100.0	91.00
15-May-90	9005001	25A		0.00	91.0	100.0	91.00
15-May-90	9005001	37A		0.00	90.0	100.0	90.00
16-May-90	9005012	16A		0.00	86.0	100.0	86.00
16-May-90	9005012	32A		0.00	84.0	100.0	84.00
16-May-90	9005012	34A		0.00	85.0	100.0	85.00
16-May-90	9005012	20A		0.00	83.0	100.0	83.00
16-May-90	9005012	24A		0.00	84.0	100.0	84.00
16-May-90	9005012	28A		0.00	84.0	100.0	84.00
16-May-90	9005012	36A		0.00	85.0	100.0	85.00
16-May-90	9005012	22A		0.00	85.0	100.0	85.00
18-May-90	9005065	18A		0.00	89.0	100.0	89.00
18-May-90	9005065	24A		0.00	89.0	100.0	89.00
18-May-90	9005065	36A		0.00	88.0	100.0	88.00
18-May-90	9005065	20A		0.00	90.0	100.0	90.00
18-May-90	9005065	32A		0.00	88.0	100.0	88.00
18-May-90	9005065	16A		0.00	89.0	100.0	89.00
18-May-90	9005065	14A		0.00	89.0	100.0	89.00

NC: Not Calculable

TABLE 4. DETAILED LISTING OF SPIKE RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Date	Lab ID	Lab Fraction	Flag	Sample Result	Spiked Sample Result	Spike Added	% Recovery
Method: ICP 25 element scan							
Matrix: Groundwater							
Spiked Analyte = Barium							
Type of Spike = Analytical Spike. continued							
18-May-90	9005065	30A		0.00	88.0	100.0	88.00
18-May-90	9005065	28A		0.00	88.0	100.0	88.00
18-May-90	9005065	26A		0.00	89.0	100.0	89.00
29-May-90	9005114	48A		0.00	88.0	100.0	88.00
29-May-90	9005103	41A		0.00	89.0	100.0	89.00
29-May-90	9005103	45A		0.00	87.0	100.0	87.00
29-May-90	9005103	35A		0.00	88.0	100.0	88.00
29-May-90	9005114	42A		0.00	87.0	100.0	87.00
29-May-90	9005114	38A		0.00	88.0	100.0	88.00
29-May-90	9005114	46A		0.00	89.0	100.0	89.00
29-May-90	9005114	24A		0.00	93.0	100.0	93.00
29-May-90	9005114	36A		0.00	91.0	100.0	91.00
29-May-90	9005114	44A		0.00	88.0	100.0	88.00
29-May-90	9005114	34A		0.00	91.0	100.0	91.00
29-May-90	9005103	43A		0.00	86.0	100.0	86.00
29-May-90	9005114	54A		0.00	89.0	100.0	89.00
29-May-90	9005103	37A		0.00	90.0	100.0	90.00
29-May-90	9005114	26A		0.00	90.0	100.0	90.00
29-May-90	9005114	28A		0.00	91.0	100.0	91.00
29-May-90	9005114	52A		0.00	86.0	100.0	86.00
29-May-90	9005114	20A		0.00	89.0	100.0	89.00
29-May-90	9005114	30A		0.00	88.0	100.0	88.00
29-May-90	9005103	39A		0.00	92.0	100.0	92.00
30-May-90	9005105	10A		0.00	85.0	100.0	85.00
30-May-90	9005105	18A		0.00	84.0	100.0	84.00
30-May-90	9005105	12A		0.00	84.0	100.0	84.00
30-May-90	9005105	16A		0.00	86.0	100.0	86.00
30-May-90	9005105	20A		0.00	86.0	100.0	86.00
01-Jun-90	9005141	23A		0.00	92.0	100.0	92.00
01-Jun-90	9005141	33A		0.00	92.0	100.0	92.00
01-Jun-90	9005141	13A		0.00	92.0	100.0	92.00
01-Jun-90	9005141	11A		0.00	94.0	100.0	94.00
01-Jun-90	9005141	31A		0.00	92.0	100.0	92.00
01-Jun-90	9005141	27A		0.00	93.0	100.0	93.00
01-Jun-90	9005141	39A		0.00	90.0	100.0	90.00
01-Jun-90	9005141	15A		0.00	92.0	100.0	92.00

NC: Not Calculable

TABLE 4. DETAILED LISTING OF SPIKE RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Date	Lab ID	Lab Fraction	Flag	Sample Result	Spiked Sample Result	Spike Added	% Recovery
Method: ICP 25 element scan							
Matrix: Groundwater							
Spiked Analyte = Barium							
Type of Spike = Analytical Spike. continued							
01-Jun-90	9005141	25A		0.00	92.0	100.0	92.00
01-Jun-90	9005141	19A		0.00	83.0	100.0	83.00
01-Jun-90	9005141	09A		0.00	94.0	100.0	94.00
01-Jun-90	9005141	35A		0.00	91.0	100.0	91.00
01-Jun-90	9005141	17A		0.00	92.0	100.0	92.00
01-Jun-90	9005141	37A		0.00	92.0	100.0	92.00
01-Jun-90	9005141	21A		0.00	91.0	100.0	91.00
01-Jun-90	9005141	29A		0.00	92.0	100.0	92.00
05-Jun-90	9005105	14A		0.00	82.0	100.0	82.00
Type of Spike = Matrix Spike.							
11-May-90	9004290	19A		0.00	92.0	100.0	92.00
11-May-90	9004290	11A		0.00	90.0	100.0	90.00
11-May-90	9004290	13A		0.00	100.0	100.0	100.00
11-May-90	9004290	21A		0.00	99.0	100.0	99.00
14-May-90	9004276	17A		0.00	95.0	100.0	95.00
14-May-90	9004276	15A		0.00	95.0	100.0	95.00
14-May-90	9004276	29A		0.00	99.0	100.0	99.00
14-May-90	9004276	31A		0.00	100.0	100.0	100.00
16-May-90	9005012	27A		0.00	93.0	100.0	93.00
16-May-90	9005012	17A		0.00	86.0	100.0	86.00
16-May-90	9005012	30A		0.00	84.0	100.0	84.00
16-May-90	9005012	18A		0.00	86.0	100.0	86.00
16-May-90	9005012	14A		0.00	88.0	100.0	88.00
16-May-90	9005012	15A		0.00	88.0	100.0	88.00
16-May-90	9005012	29A		0.00	85.0	100.0	85.00
16-May-90	9005012	26A		0.00	94.0	100.0	94.00
29-May-90	9005103	36A		0.00	93.0	100.0	93.00
29-May-90	9005103	38A		0.00	92.0	100.0	92.00
30-May-90	9005105	11A		0.00	95.0	100.0	95.00
05-Jun-90	9005105	13A		0.00	99.0	100.0	99.00

Number of Samples = 164 | Below acceptance = 1
Mean % Recovery = 89 | Above acceptance = 0
Standard Deviation = 7.81 | Acceptance Criteria 75.00 - 125.00

NC: Not Calculable

TABLE 4. DETAILED LISTING OF SPIKE RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Date	Lab ID	Lab Fraction	Flag	Sample Result	Spiked Sample Result	Spike Added	% Recovery
Method: ICP 25 element scan							
Matrix: Groundwater							
Spiked Analyte = Barium							
Type of Spike = Matrix Spike. continued							
Method: ICP 25 element scan							
Matrix: Groundwater							
Spiked Analyte = Beryllium							
Type of Spike = Analytical Spike.							
02-May-90	9004168	20A		0.00	88.0	100.0	88.00
02-May-90	9004179	13A		0.00	94.0	100.0	94.00
02-May-90	9004168	18A		0.00	88.0	100.0	88.00
02-May-90	9004179	11A		0.00	96.0	100.0	96.00
02-May-90	9004179	15A		0.00	90.0	100.0	90.00
02-May-90	9004179	19A		0.00	95.0	100.0	95.00
02-May-90	9004179	17A		0.00	98.0	100.0	98.00
02-May-90	9004168	22A		0.00	78.0	100.0	78.00
02-May-90	9004179	23A		0.00	95.0	100.0	95.00
02-May-90	9004179	21A		0.00	92.0	100.0	92.00
02-May-90	9004168	21A		0.00	97.0	100.0	97.00
02-May-90	9004168	24A		0.00	80.0	100.0	80.00
02-May-90	9004168	19A		0.00	89.0	100.0	89.00
02-May-90	9004168	23A		0.00	90.0	100.0	90.00
02-May-90	9004168	25A		0.00	93.0	100.0	93.00
03-May-90	9004195	18A		0.00	102.0	100.0	102.00
03-May-90	9004195	12A		0.00	105.0	100.0	105.00
03-May-90	9004195	20A		0.00	94.0	100.0	94.00
03-May-90	9004195	22A		0.00	98.0	100.0	98.00
03-May-90	9004195	14A		0.00	104.0	100.0	104.00
03-May-90	9004195	28A		0.00	97.0	100.0	97.00
03-May-90	9004195	24A		0.00	92.0	100.0	92.00
03-May-90	9004195	30A		0.00	97.0	100.0	97.00
03-May-90	9004195	26A		0.00	92.0	100.0	92.00
03-May-90	9004195	16A		0.00	101.0	100.0	101.00
07-May-90	9004218	04A		0.00	85.0	100.0	85.00
07-May-90	9004234	16A		0.00	89.0	100.0	89.00
07-May-90	9004248	24A		0.00	86.0	100.0	86.00

NC: Not Calculable

TABLE 4. DETAILED LISTING OF SPIKE RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Date	Lab ID	Lab Fraction	Flag	Sample Result	Spiked Sample Result	Spike Added	% Recovery
Method: ICP 25 element scan							
Matrix: Groundwater							
Spiked Analyte = Beryllium							
Type of Spike = Analytical Spike. continued							
07-May-90	9004248	42A		0.00	87.0	100.0	87.00
07-May-90	9004218	10A		0.00	87.0	100.0	87.00
07-May-90	9004218	06A		0.00	91.0	100.0	91.00
07-May-90	9004248	40A		0.00	87.0	100.0	87.00
07-May-90	9004248	26A		0.00	85.0	100.0	85.00
07-May-90	9004248	22A		0.00	87.0	100.0	87.00
07-May-90	9004234	18A		0.00	90.0	100.0	90.00
07-May-90	9004248	36A		0.00	88.0	100.0	88.00
07-May-90	9004248	30A		0.00	86.0	100.0	86.00
07-May-90	9004234	10A		0.00	87.0	100.0	87.00
07-May-90	9004248	53A		0.00	87.0	100.0	87.00
07-May-90	9004248	32A		0.00	86.0	100.0	86.00
07-May-90	9004248	18A		0.00	86.0	100.0	86.00
07-May-90	9004248	34A		0.00	86.0	100.0	86.00
07-May-90	9004248	16A		0.00	87.0	100.0	87.00
07-May-90	9004234	12A		0.00	91.0	100.0	91.00
07-May-90	9004218	08A		0.00	91.0	100.0	91.00
07-May-90	9004248	38A		0.00	87.0	100.0	87.00
07-May-90	9004248	20A		0.00	86.0	100.0	86.00
08-May-90	9004179	10A		0.00	101.0	100.0	101.00
11-May-90	9004308	09A		0.00	90.0	100.0	90.00
11-May-90	9004290	18A		0.00	88.0	100.0	88.00
11-May-90	9004308	11A		0.00	88.0	100.0	88.00
11-May-90	9004290	10A		0.00	89.0	100.0	89.00
11-May-90	9004308	05A		0.00	90.0	100.0	90.00
11-May-90	9004290	14A		0.00	87.0	100.0	87.00
11-May-90	9004290	20A		0.00	87.0	100.0	87.00
11-May-90	9004290	12A		0.00	86.0	100.0	86.00
11-May-90	9004308	15A		0.00	88.0	100.0	88.00
11-May-90	9004290	22A		0.00	87.0	100.0	87.00
11-May-90	9004308	07A		0.00	91.0	100.0	91.00
11-May-90	9004308	13A		0.00	89.0	100.0	89.00
14-May-90	9004276	24A		0.00	87.0	100.0	87.00
14-May-90	9004276	14A		0.00	87.0	100.0	87.00
14-May-90	9004276	28A		0.00	87.0	100.0	87.00
14-May-90	9004276	18A		0.00	86.0	100.0	86.00

NC: Not Calculable

TABLE 4. DETAILED LISTING OF SPIKE RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Date	Lab ID	Lab Fraction	Flag	Sample Result	Spiked Sample Result	Spike Added	% Recovery
Method: ICP 25 element scan							
Matrix: Groundwater							
Spiked Analyte = Beryllium							
Type of Spike = Analytical Spike. continued							
14-May-90	9004276	32A		0.00	84.0	100.0	84.00
14-May-90	9004276	20A		0.00	87.0	100.0	87.00
14-May-90	9004276	30A		0.00	86.0	100.0	86.00
14-May-90	9004276	38A		0.00	87.0	100.0	87.00
14-May-90	9004276	22A		0.00	88.0	100.0	88.00
14-May-90	9004276	26A		0.00	87.0	100.0	87.00
14-May-90	9004276	40A		0.00	87.0	100.0	87.00
14-May-90	9004276	36A		0.00	91.0	100.0	91.00
14-May-90	9004276	34A		0.00	90.0	100.0	90.00
14-May-90	9004276	16A		0.00	86.0	100.0	86.00
15-May-90	9005001	17A		0.00	91.0	100.0	91.00
15-May-90	9005001	27A		0.00	90.0	100.0	90.00
15-May-90	9005001	21A		0.00	90.0	100.0	90.00
15-May-90	9005001	19A		0.00	92.0	100.0	92.00
15-May-90	9005001	29A		0.00	90.0	100.0	90.00
15-May-90	9005001	33A		0.00	92.0	100.0	92.00
15-May-90	9005001	39A		0.00	91.0	100.0	91.00
15-May-90	9005001	31A		0.00	91.0	100.0	91.00
15-May-90	9005001	37A		0.00	90.0	100.0	90.00
15-May-90	9005001	25A		0.00	92.0	100.0	92.00
16-May-90	9005012	20A		0.00	83.0	100.0	83.00
16-May-90	9005012	28A		0.00	84.0	100.0	84.00
16-May-90	9005012	34A		0.00	86.0	100.0	86.00
16-May-90	9005012	36A		0.00	87.0	100.0	87.00
16-May-90	9005012	16A		0.00	87.0	100.0	87.00
16-May-90	9005012	32A		0.00	85.0	100.0	85.00
16-May-90	9005012	22A		0.00	84.0	100.0	84.00
16-May-90	9005012	24A		0.00	84.0	100.0	84.00
18-May-90	9005065	26A		0.00	90.0	100.0	90.00
18-May-90	9005065	36A		0.00	89.0	100.0	89.00
18-May-90	9005065	16A		0.00	90.0	100.0	90.00
18-May-90	9005065	18A		0.00	90.0	100.0	90.00
18-May-90	9005065	30A		0.00	89.0	100.0	89.00
18-May-90	9005065	32A		0.00	90.0	100.0	90.00
18-May-90	9005065	24A		0.00	90.0	100.0	90.00
18-May-90	9005065	28A		0.00	88.0	100.0	88.00

NC: Not Calculable

TABLE 4. DETAILED LISTING OF SPIKE RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Date	Lab ID	Lab Fraction	Flag	Sample Result	Spiked Sample Result	Spike Added	% Recovery
Method: ICP 25 element scan							
Matrix: Groundwater							
Spiked Analyte = Beryllium							
Type of Spike = Analytical Spike. continued							
18-May-90	9005065	20A		0.00	91.0	100.0	91.00
18-May-90	9005065	14A		0.00	90.0	100.0	90.00
29-May-90	9005114	36A		0.00	92.0	100.0	92.00
29-May-90	9005114	26A		0.00	91.0	100.0	91.00
29-May-90	9005114	28A		0.00	92.0	100.0	92.00
29-May-90	9005114	48A		0.00	87.0	100.0	87.00
29-May-90	9005103	35A		0.00	91.0	100.0	91.00
29-May-90	9005103	41A		0.00	91.0	100.0	91.00
29-May-90	9005103	43A		0.00	87.0	100.0	87.00
29-May-90	9005114	44A		0.00	90.0	100.0	90.00
29-May-90	9005114	38A		0.00	90.0	100.0	90.00
29-May-90	9005114	20A		0.00	91.0	100.0	91.00
29-May-90	9005114	34A		0.00	91.0	100.0	91.00
29-May-90	9005103	39A		0.00	91.0	100.0	91.00
29-May-90	9005114	30A		0.00	88.0	100.0	88.00
29-May-90	9005114	54A		0.00	90.0	100.0	90.00
29-May-90	9005114	46A		0.00	91.0	100.0	91.00
29-May-90	9005103	37A		0.00	90.0	100.0	90.00
29-May-90	9005103	45A		0.00	89.0	100.0	89.00
29-May-90	9005114	24A		0.00	93.0	100.0	93.00
29-May-90	9005114	42A		0.00	89.0	100.0	89.00
29-May-90	9005114	52A		0.00	88.0	100.0	88.00
30-May-90	9005105	18A		0.00	85.0	100.0	85.00
30-May-90	9005105	10A		0.00	86.0	100.0	86.00
30-May-90	9005105	16A		0.00	86.0	100.0	86.00
30-May-90	9005105	12A		0.00	82.0	100.0	82.00
30-May-90	9005105	20A		0.00	86.0	100.0	86.00
01-Jun-90	9005141	21A		0.00	92.0	100.0	92.00
01-Jun-90	9005141	13A		0.00	92.0	100.0	92.00
01-Jun-90	9005141	33A		0.00	94.0	100.0	94.00
01-Jun-90	9005141	37A		0.00	94.0	100.0	94.00
01-Jun-90	9005141	15A		0.00	92.0	100.0	92.00
01-Jun-90	9005141	23A		0.00	93.0	100.0	93.00
01-Jun-90	9005141	17A		0.00	94.0	100.0	94.00
01-Jun-90	9005141	09A		0.00	94.0	100.0	94.00
01-Jun-90	9005141	31A		0.00	93.0	100.0	93.00

NC: Not Calculable

TABLE 4. DETAILED LISTING OF SPIKE RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Date	Lab ID	Lab Fraction	Flag	Sample Result	Spiked Sample Result	Spike Added	% Recovery
Method: ICP 25 element scan							
Matrix: Groundwater							
Spiked Analyte = Beryllium							
Type of Spike = Analytical Spike. continued							
01-Jun-90	9005141	29A		0.00	93.0	100.0	93.00
01-Jun-90	9005141	25A		0.00	93.0	100.0	93.00
01-Jun-90	9005141	27A		0.00	94.0	100.0	94.00
01-Jun-90	9005141	19A		0.00	85.0	100.0	85.00
01-Jun-90	9005141	39A		0.00	92.0	100.0	92.00
01-Jun-90	9005141	35A		0.00	92.0	100.0	92.00
01-Jun-90	9005141	11A		0.00	94.0	100.0	94.00
05-Jun-90	9005105	14A		0.00	83.0	100.0	83.00
Type of Spike = Matrix Spike.							
11-May-90	9004290	21A		0.00	102.0	100.0	102.00
11-May-90	9004290	13A		0.00	102.0	100.0	102.00
11-May-90	9004290	11A		0.00	92.0	100.0	92.00
11-May-90	9004290	19A		0.00	95.0	100.0	95.00
14-May-90	9004276	31A		0.00	100.0	100.0	100.00
14-May-90	9004276	17A		0.00	93.0	100.0	93.00
14-May-90	9004276	29A		0.00	98.0	100.0	98.00
14-May-90	9004276	15A		0.00	94.0	100.0	94.00
16-May-90	9005012	17A		0.00	85.0	100.0	85.00
16-May-90	9005012	26A		0.00	95.0	100.0	95.00
16-May-90	9005012	30A		0.00	83.0	100.0	83.00
16-May-90	9005012	27A		0.00	94.0	100.0	94.00
16-May-90	9005012	29A		0.00	84.0	100.0	84.00
16-May-90	9005012	18A		0.00	84.0	100.0	84.00
16-May-90	9005012	15A		0.00	90.0	100.0	90.00
16-May-90	9005012	14A		0.00	89.0	100.0	89.00
29-May-90	9005103	36A		0.00	97.0	100.0	97.00
29-May-90	9005103	38A		0.00	97.0	100.0	97.00
30-May-90	9005105	11A		0.00	97.0	100.0	97.00
05-Jun-90	9005105	13A		0.00	98.0	100.0	98.00

Number of Samples = 164
Mean % Recovery = 90
Standard Deviation = 4.60

Below acceptance = 0
Above acceptance = 0
Acceptance Criteria 75.00 - 125.00

NC: Not Calculable

TABLE 4. DETAILED LISTING OF SPIKE RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Date	Lab ID	Lab Fraction	Flag	Sample Result	Spiked Sample Result	Spike Added	% Recovery
Method: ICP 25 element scan							
Matrix: Groundwater							
Spiked Analyte = Boron							
Type of Spike = Analytical Spike.							
02-May-90	9004179	17A		0.00	99.0	100.0	99.00
02-May-90	9004168	19A		0.00	90.0	100.0	90.00
02-May-90	9004179	13A		0.00	96.0	100.0	96.00
02-May-90	9004168	18A		0.00	90.0	100.0	90.00
02-May-90	9004168	24A		0.00	81.0	100.0	81.00
02-May-90	9004179	21A		0.00	92.0	100.0	92.00
02-May-90	9004179	15A		0.00	89.0	100.0	89.00
02-May-90	9004168	23A		0.00	96.0	100.0	96.00
02-May-90	9004179	11A		0.00	96.0	100.0	96.00
02-May-90	9004168	20A		0.00	90.0	100.0	90.00
02-May-90	9004168	25A		0.00	93.0	100.0	93.00
02-May-90	9004179	23A		0.00	95.0	100.0	95.00
02-May-90	9004168	21A		0.00	100.0	100.0	100.00
02-May-90	9004179	19A		0.00	96.0	100.0	96.00
02-May-90	9004168	22A		0.00	79.0	100.0	79.00
03-May-90	9004195	20A		0.00	95.0	100.0	95.00
03-May-90	9004195	22A		0.00	100.0	100.0	100.00
03-May-90	9004195	24A		0.00	92.0	100.0	92.00
03-May-90	9004195	18A		0.00	102.0	100.0	102.00
03-May-90	9004195	12A		0.00	78.0	100.0	78.00
03-May-90	9004195	16A		0.00	102.0	100.0	102.00
03-May-90	9004195	30A		0.00	99.0	100.0	99.00
03-May-90	9004195	28A		0.00	101.0	100.0	101.00
03-May-90	9004195	26A		0.00	94.0	100.0	94.00
03-May-90	9004195	14A		0.00	106.0	100.0	106.00
07-May-90	9004248	16A		0.00	97.0	100.0	97.00
07-May-90	9004248	53A		0.00	110.0	100.0	110.00
07-May-90	9004248	20A		0.00	102.0	100.0	102.00
07-May-90	9004248	22A		0.00	110.0	100.0	110.00
07-May-90	9004248	40A		0.00	109.0	100.0	109.00
07-May-90	9004234	12A		0.00	88.0	100.0	88.00
07-May-90	9004218	04A		0.00	95.0	100.0	95.00
07-May-90	9004234	18A		0.00	89.0	100.0	89.00
07-May-90	9004218	06A		0.00	91.0	100.0	91.00
07-May-90	9004248	38A		0.00	109.0	100.0	109.00

NC: Not Calculable

TABLE 4. DETAILED LISTING OF SPIKE RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Date	Lab ID	Lab Fraction	Flag	Sample Result	Spiked Sample Result	Spike Added	% Recovery
Method: ICP 25 element scan							
Matrix: Groundwater							
Spiked Analyte = Boron							
Type of Spike = Analytical Spike. continued							
07-May-90	9004248	18A		0.00	107.0	100.0	107.00
07-May-90	9004234	16A		0.00	87.0	100.0	87.00
07-May-90	9004248	32A		0.00	106.0	100.0	106.00
07-May-90	9004218	10A		0.00	89.0	100.0	89.00
07-May-90	9004248	26A		0.00	107.0	100.0	107.00
07-May-90	9004248	24A		0.00	107.0	100.0	107.00
07-May-90	9004248	36A		0.00	96.0	100.0	96.00
07-May-90	9004234	10A		0.00	87.0	100.0	87.00
07-May-90	9004248	34A		0.00	109.0	100.0	109.00
07-May-90	9004218	08A		0.00	91.0	100.0	91.00
07-May-90	9004248	42A		0.00	110.0	100.0	110.00
07-May-90	9004248	30A		0.00	108.0	100.0	108.00
08-May-90	9004179	10A		0.00	121.0	100.0	121.00
11-May-90	9004290	12A		0.00	87.0	100.0	87.00
11-May-90	9004308	15A		0.00	87.0	100.0	87.00
11-May-90	9004308	13A		0.00	88.0	100.0	88.00
11-May-90	9004290	18A		0.00	89.0	100.0	89.00
11-May-90	9004290	14A		0.00	87.0	100.0	87.00
11-May-90	9004290	10A		0.00	90.0	100.0	90.00
11-May-90	9004290	20A		0.00	90.0	100.0	90.00
11-May-90	9004308	05A		0.00	90.0	100.0	90.00
11-May-90	9004308	11A		0.00	88.0	100.0	88.00
11-May-90	9004290	22A		0.00	91.0	100.0	91.00
11-May-90	9004308	09A		0.00	89.0	100.0	89.00
11-May-90	9004308	07A		0.00	90.0	100.0	90.00
14-May-90	9004276	36A		0.00	120.0	100.0	120.00
14-May-90	9004276	38A		0.00	117.0	100.0	117.00
14-May-90	9004276	16A		0.00	117.0	100.0	117.00
14-May-90	9004276	32A		0.00	112.0	100.0	112.00
14-May-90	9004276	14A		0.00	117.0	100.0	117.00
14-May-90	9004276	40A		0.00	117.0	100.0	117.00
14-May-90	9004276	20A		0.00	116.0	100.0	116.00
14-May-90	9004276	24A		0.00	117.0	100.0	117.00
14-May-90	9004276	34A		0.00	118.0	100.0	118.00
14-May-90	9004276	30A		0.00	114.0	100.0	114.00
14-May-90	9004276	28A		0.00	116.0	100.0	116.00

NC: Not Calculable

TABLE 4. DETAILED LISTING OF SPIKE RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Date	Lab ID	Lab Fraction	Flag	Sample Result	Spiked Sample Result	Spike Added	% Recovery
Method: ICP 25 element scan							
Matrix: Groundwater							
Spiked Analyte = Boron							
Type of Spike = Analytical Spike. continued							
14-May-90	9004276	18A		0.00	117.0	100.0	117.00
14-May-90	9004276	22A		0.00	119.0	100.0	119.00
14-May-90	9004276	26A		0.00	117.0	100.0	117.00
15-May-90	9005001	21A		0.00	120.0	100.0	120.00
15-May-90	9005001	27A		0.00	122.0	100.0	122.00
15-May-90	9005001	37A		0.00	121.0	100.0	121.00
15-May-90	9005001	19A		0.00	123.0	100.0	123.00
15-May-90	9005001	25A		0.00	124.0	100.0	124.00
15-May-90	9005001	17A		0.00	122.0	100.0	122.00
15-May-90	9005001	39A		0.00	122.0	100.0	122.00
15-May-90	9005001	29A		0.00	122.0	100.0	122.00
15-May-90	9005001	31A		0.00	123.0	100.0	123.00
15-May-90	9005001	33A		0.00	123.0	100.0	123.00
16-May-90	9005012	24A		0.00	116.0	100.0	116.00
16-May-90	9005012	32A		0.00	119.0	100.0	119.00
16-May-90	9005012	28A		0.00	118.0	100.0	118.00
16-May-90	9005012	20A		0.00	115.0	100.0	115.00
16-May-90	9005012	36A		0.00	120.0	100.0	120.00
16-May-90	9005012	34A		0.00	118.0	100.0	118.00
16-May-90	9005012	16A		0.00	119.0	100.0	119.00
16-May-90	9005012	22A		0.00	118.0	100.0	118.00
18-May-90	9005065	18A		0.00	99.0	100.0	99.00
18-May-90	9005065	20A		0.00	118.0	100.0	118.00
18-May-90	9005065	26A		0.00	119.0	100.0	119.00
18-May-90	9005065	24A		0.00	124.0	100.0	124.00
18-May-90	9005065	30A		0.00	124.0	100.0	124.00
18-May-90	9005065	32A		0.00	124.0	100.0	124.00
18-May-90	9005065	16A		0.00	115.0	100.0	115.00
18-May-90	9005065	28A		0.00	124.0	100.0	124.00
18-May-90	9005065	14A		0.00	112.0	100.0	112.00
18-May-90	9005065	36A		0.00	123.0	100.0	123.00
29-May-90	9005114	24A		0.00	93.0	100.0	93.00
29-May-90	9005114	28A		0.00	92.0	100.0	92.00
29-May-90	9005114	42A		0.00	91.0	100.0	91.00
29-May-90	9005114	44A		0.00	90.0	100.0	90.00
29-May-90	9005103	45A		0.00	95.0	100.0	95.00

NC: Not Calculable

TABLE 4. DETAILED LISTING OF SPIKE RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Date	Lab ID	Lab Fraction	Flag	Sample Result	Spiked Sample Result	Spike Added	% Recovery
Method: ICP 25 element scan							
Matrix: Groundwater							
Spiked Analyte = Boron							
Type of Spike = Analytical Spike. continued							
29-May-90	9005114	46A		0.00	91.0	100.0	91.00
29-May-90	9005114	26A		0.00	91.0	100.0	91.00
29-May-90	9005103	35A		0.00	95.0	100.0	95.00
29-May-90	9005114	20A		0.00	91.0	100.0	91.00
29-May-90	9005114	36A		0.00	92.0	100.0	92.00
29-May-90	9005114	30A		0.00	89.0	100.0	89.00
29-May-90	9005114	54A		0.00	90.0	100.0	90.00
29-May-90	9005114	34A		0.00	93.0	100.0	93.00
29-May-90	9005103	39A		0.00	96.0	100.0	96.00
29-May-90	9005103	43A		0.00	93.0	100.0	93.00
29-May-90	9005103	41A		0.00	95.0	100.0	95.00
29-May-90	9005103	37A		0.00	97.0	100.0	97.00
29-May-90	9005114	48A		0.00	92.0	100.0	92.00
29-May-90	9005114	52A		0.00	90.0	100.0	90.00
29-May-90	9005114	38A		0.00	91.0	100.0	91.00
30-May-90	9005105	16A		0.00	105.0	100.0	105.00
30-May-90	9005105	10A		0.00	106.0	100.0	106.00
30-May-90	9005105	18A		0.00	105.0	100.0	105.00
30-May-90	9005105	20A		0.00	109.0	100.0	109.00
30-May-90	9005105	12A		0.00	104.0	100.0	104.00
01-Jun-90	9005141	09A		0.00	116.0	100.0	116.00
01-Jun-90	9005141	17A		0.00	124.0	100.0	124.00
01-Jun-90	9005141	19A		0.00	120.0	100.0	120.00
01-Jun-90	9005141	11A		0.00	114.0	100.0	114.00
01-Jun-90	9005141	23A		0.00	113.0	100.0	113.00
01-Jun-90	9005141	37A		0.00	124.0	100.0	124.00
01-Jun-90	9005141	39A		0.00	122.0	100.0	122.00
01-Jun-90	9005141	13A		0.00	124.0	100.0	124.00
01-Jun-90	9005141	31A		0.00	116.0	100.0	116.00
01-Jun-90	9005141	27A		0.00	116.0	100.0	116.00
01-Jun-90	9005141	29A		0.00	113.0	100.0	113.00
01-Jun-90	9005141	25A		0.00	118.0	100.0	118.00
01-Jun-90	9005141	15A		0.00	122.0	100.0	122.00
01-Jun-90	9005141	21A		0.00	115.0	100.0	115.00
01-Jun-90	9005141	35A		0.00	122.0	100.0	122.00
01-Jun-90	9005141	33A		0.00	93.0	100.0	93.00

NC: Not Calculable

TABLE 4. DETAILED LISTING OF SPIKE RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Date	Lab ID	Lab Fraction	Flag	Sample Result	Spiked Sample Result	Spike Added	% Recovery
Method: ICP 25 element scan							
Matrix: Groundwater							
Spiked Analyte = Boron							
Type of Spike = Analytical Spike. continued							
05-Jun-90	9005105	14A		0.00	90.0	100.0	90.00
Type of Spike = Matrix Spike.							
11-May-90	9004290	21A		0.00	101.0	100.0	101.00
11-May-90	9004290	13A		0.00	99.0	100.0	99.00
11-May-90	9004290	19A		0.00	93.0	100.0	93.00
11-May-90	9004290	11A		0.00	88.0	100.0	88.00
14-May-90	9004276	31A		0.00	113.0	100.0	113.00
14-May-90	9004276	15A		0.00	107.0	100.0	107.00
14-May-90	9004276	17A		0.00	107.0	100.0	107.00
14-May-90	9004276	29A		0.00	114.0	100.0	114.00
16-May-90	9005012	30A		0.00	115.0	100.0	115.00
16-May-90	9005012	15A		0.00	89.0	100.0	89.00
16-May-90	9005012	27A		0.00	94.0	100.0	94.00
16-May-90	9005012	17A		0.00	120.0	100.0	120.00
16-May-90	9005012	14A		0.00	92.0	100.0	92.00
16-May-90	9005012	18A		0.00	120.0	100.0	120.00
16-May-90	9005012	26A		0.00	97.0	100.0	97.00
16-May-90	9005012	29A		0.00	117.0	100.0	117.00
29-May-90	9005103	38A		0.00	138.0	100.0	138.00
29-May-90	9005103	36A		0.00	136.0	100.0	136.00
30-May-90	9005105	11A		0.00	92.0	100.0	92.00
05-Jun-90	9005105	13A		0.00	122.0	100.0	122.00

Number of Samples = 164
Mean % Recovery = 104
Standard Deviation = 13.47

Below acceptance = 0
Above acceptance = 2
Acceptance Criteria 75.00 - 125.00

NC: Not Calculable

TABLE 4. DETAILED LISTING OF SPIKE RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Date	Lab ID	Lab Fraction	Flag	Sample Result	Spiked Sample Result	Spike Added	% Recovery
Method: ICP 25 element scan							
Matrix: Groundwater							
Spiked Analyte = Cadmium							
Type of Spike = Analytical Spike.							
02-May-90	9004179	21A		0.00	89.0	100.0	89.00
02-May-90	9004168	19A		0.00	86.0	100.0	86.00
02-May-90	9004168	25A		0.00	90.0	100.0	90.00
02-May-90	9004179	17A		0.00	94.0	100.0	94.00
02-May-90	9004179	19A		0.00	92.0	100.0	92.00
02-May-90	9004168	20A		0.00	85.0	100.0	85.00
02-May-90	9004179	11A		0.00	92.0	100.0	92.00
02-May-90	9004179	23A		0.00	91.0	100.0	91.00
02-May-90	9004168	22A		0.00	77.0	100.0	77.00
02-May-90	9004168	23A		0.00	87.0	100.0	87.00
02-May-90	9004168	18A		0.00	85.0	100.0	85.00
02-May-90	9004179	15A		0.00	86.0	100.0	86.00
02-May-90	9004168	24A		0.00	79.0	100.0	79.00
02-May-90	9004179	13A		0.00	91.0	100.0	91.00
02-May-90	9004168	21A		0.00	93.0	100.0	93.00
03-May-90	9004195	18A		0.00	98.0	100.0	98.00
03-May-90	9004195	20A		0.00	91.0	100.0	91.00
03-May-90	9004195	22A		0.00	95.0	100.0	95.00
03-May-90	9004195	24A		0.00	89.0	100.0	89.00
03-May-90	9004195	30A		0.00	94.0	100.0	94.00
03-May-90	9004195	26A		0.00	88.0	100.0	88.00
03-May-90	9004195	28A		0.00	94.0	100.0	94.00
03-May-90	9004195	16A		0.00	98.0	100.0	98.00
03-May-90	9004195	14A		0.00	100.0	100.0	100.00
03-May-90	9004195	12A		0.00	100.0	100.0	100.00
07-May-90	9004234	12A		0.00	85.0	100.0	85.00
07-May-90	9004218	06A		0.00	88.0	100.0	88.00
07-May-90	9004234	18A		0.00	86.0	100.0	86.00
07-May-90	9004248	24A		0.00	84.0	100.0	84.00
07-May-90	9004234	16A		0.00	86.0	100.0	86.00
07-May-90	9004248	36A		0.00	86.0	100.0	86.00
07-May-90	9004248	18A		0.00	84.0	100.0	84.00
07-May-90	9004248	53A		0.00	86.0	100.0	86.00
07-May-90	9004234	10A		0.00	83.0	100.0	83.00
07-May-90	9004248	20A		0.00	84.0	100.0	84.00

NC: Not Calculable

TABLE 4. DETAILED LISTING OF SPIKE RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Date	Lab ID	Lab Fraction	Flag	Sample Result	Spiked Sample Result	Spike Added	% Recovery
Method: ICP 25 element scan							
Matrix: Groundwater							
Spiked Analyte = Cadmium							
Type of Spike = Analytical Spike. continued							
07-May-90	9004248	16A		0.00	85.0	100.0	85.00
07-May-90	9004218	04A		0.00	82.0	100.0	82.00
07-May-90	9004248	22A		0.00	86.0	100.0	86.00
07-May-90	9004248	40A		0.00	85.0	100.0	85.00
07-May-90	9004248	30A		0.00	85.0	100.0	85.00
07-May-90	9004218	08A		0.00	87.0	100.0	87.00
07-May-90	9004248	38A		0.00	84.0	100.0	84.00
07-May-90	9004248	32A		0.00	84.0	100.0	84.00
07-May-90	9004248	34A		0.00	84.0	100.0	84.00
07-May-90	9004248	42A		0.00	86.0	100.0	86.00
07-May-90	9004218	10A		0.00	85.0	100.0	85.00
07-May-90	9004248	26A		0.00	83.0	100.0	83.00
08-May-90	9004179	10A		0.00	96.0	100.0	96.00
11-May-90	9004308	15A		0.00	86.0	100.0	86.00
11-May-90	9004290	20A		0.00	85.0	100.0	85.00
11-May-90	9004308	05A		0.00	86.0	100.0	86.00
11-May-90	9004290	22A		0.00	86.0	100.0	86.00
11-May-90	9004308	07A		0.00	88.0	100.0	88.00
11-May-90	9004290	14A		0.00	86.0	100.0	86.00
11-May-90	9004308	09A		0.00	88.0	100.0	88.00
11-May-90	9004290	10A		0.00	86.0	100.0	86.00
11-May-90	9004290	12A		0.00	84.0	100.0	84.00
11-May-90	9004308	13A		0.00	87.0	100.0	87.00
11-May-90	9004290	18A		0.00	86.0	100.0	86.00
11-May-90	9004308	11A		0.00	86.0	100.0	86.00
14-May-90	9004276	28A		0.00	84.0	100.0	84.00
14-May-90	9004276	32A		0.00	82.0	100.0	82.00
14-May-90	9004276	24A		0.00	85.0	100.0	85.00
14-May-90	9004276	14A		0.00	84.0	100.0	84.00
14-May-90	9004276	38A		0.00	84.0	100.0	84.00
14-May-90	9004276	40A		0.00	84.0	100.0	84.00
14-May-90	9004276	20A		0.00	85.0	100.0	85.00
14-May-90	9004276	30A		0.00	83.0	100.0	83.00
14-May-90	9004276	34A		0.00	86.0	100.0	86.00
14-May-90	9004276	26A		0.00	84.0	100.0	84.00
14-May-90	9004276	22A		0.00	84.0	100.0	84.00

NC: Not Calculable

TABLE 4. DETAILED LISTING OF SPIKE RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Date	Lab ID	Lab Fraction	Flag	Sample Result	Spiked Sample Result	Spike Added	% Recovery
Method: ICP 25 element scan							
Matrix: Groundwater							
Spiked Analyte = Cadmium							
Type of Spike = Analytical Spike. continued							
14-May-90	9004276	18A		0.00	84.0	100.0	84.00
14-May-90	9004276	36A		0.00	88.0	100.0	88.00
14-May-90	9004276	16A		0.00	85.0	100.0	85.00
15-May-90	9005001	21A		0.00	87.0	100.0	87.00
15-May-90	9005001	31A		0.00	88.0	100.0	88.00
15-May-90	9005001	19A		0.00	89.0	100.0	89.00
15-May-90	9005001	25A		0.00	89.0	100.0	89.00
15-May-90	9005001	29A		0.00	87.0	100.0	87.00
15-May-90	9005001	39A		0.00	89.0	100.0	89.00
15-May-90	9005001	17A		0.00	88.0	100.0	88.00
15-May-90	9005001	33A		0.00	89.0	100.0	89.00
15-May-90	9005001	37A		0.00	88.0	100.0	88.00
15-May-90	9005001	27A		0.00	87.0	100.0	87.00
16-May-90	9005012	24A		0.00	83.0	100.0	83.00
16-May-90	9005012	20A		0.00	82.0	100.0	82.00
16-May-90	9005012	16A		0.00	85.0	100.0	85.00
16-May-90	9005012	36A		0.00	85.0	100.0	85.00
16-May-90	9005012	28A		0.00	84.0	100.0	84.00
16-May-90	9005012	22A		0.00	84.0	100.0	84.00
16-May-90	9005012	34A		0.00	85.0	100.0	85.00
16-May-90	9005012	32A		0.00	84.0	100.0	84.00
18-May-90	9005065	30A		0.00	87.0	100.0	87.00
18-May-90	9005065	32A		0.00	88.0	100.0	88.00
18-May-90	9005065	24A		0.00	87.0	100.0	87.00
18-May-90	9005065	14A		0.00	88.0	100.0	88.00
18-May-90	9005065	36A		0.00	87.0	100.0	87.00
18-May-90	9005065	16A		0.00	87.0	100.0	87.00
18-May-90	9005065	26A		0.00	87.0	100.0	87.00
18-May-90	9005065	20A		0.00	88.0	100.0	88.00
18-May-90	9005065	28A		0.00	86.0	100.0	86.00
18-May-90	9005065	18A		0.00	87.0	100.0	87.00
29-May-90	9005103	39A		0.00	87.0	100.0	87.00
29-May-90	9005114	46A		0.00	86.0	100.0	86.00
29-May-90	9005114	54A		0.00	86.0	100.0	86.00
29-May-90	9005114	30A		0.00	86.0	100.0	86.00
29-May-90	9005114	48A		0.00	84.0	100.0	84.00

NC: Not Calculable

TABLE 4. DETAILED LISTING OF SPIKE RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Date	Lab ID	Lab Fraction	Flag	Sample Result	Spiked Sample Result	Spike Added	% Recovery
Method: ICP 25 element scan							
Matrix: Groundwater							
Spiked Analyte = Cadmium							
Type of Spike = Analytical Spike. continued							
29-May-90	9005114	52A		0.00	84.0	100.0	84.00
29-May-90	9005114	34A		0.00	87.0	100.0	87.00
29-May-90	9005114	36A		0.00	89.0	100.0	89.00
29-May-90	9005103	37A		0.00	84.0	100.0	84.00
29-May-90	9005103	35A		0.00	86.0	100.0	86.00
29-May-90	9005114	28A		0.00	87.0	100.0	87.00
29-May-90	9005114	44A		0.00	85.0	100.0	85.00
29-May-90	9005114	24A		0.00	88.0	100.0	88.00
29-May-90	9005103	41A		0.00	87.0	100.0	87.00
29-May-90	9005114	20A		0.00	86.0	100.0	86.00
29-May-90	9005103	45A		0.00	84.0	100.0	84.00
29-May-90	9005103	43A		0.00	82.0	100.0	82.00
29-May-90	9005114	38A		0.00	85.0	100.0	85.00
29-May-90	9005114	42A		0.00	84.0	100.0	84.00
29-May-90	9005114	26A		0.00	86.0	100.0	86.00
30-May-90	9005105	12A		0.00	80.0	100.0	80.00
30-May-90	9005105	18A		0.00	82.0	100.0	82.00
30-May-90	9005105	16A		0.00	81.0	100.0	81.00
30-May-90	9005105	10A		0.00	81.0	100.0	81.00
30-May-90	9005105	20A		0.00	82.0	100.0	82.00
01-Jun-90	9005141	11A		0.00	90.0	100.0	90.00
01-Jun-90	9005141	27A		0.00	90.0	100.0	90.00
01-Jun-90	9005141	31A		0.00	90.0	100.0	90.00
01-Jun-90	9005141	19A		0.00	82.0	100.0	82.00
01-Jun-90	9005141	21A		0.00	88.0	100.0	88.00
01-Jun-90	9005141	23A		0.00	89.0	100.0	89.00
01-Jun-90	9005141	17A		0.00	89.0	100.0	89.00
01-Jun-90	9005141	37A		0.00	90.0	100.0	90.00
01-Jun-90	9005141	09A		0.00	90.0	100.0	90.00
01-Jun-90	9005141	33A		0.00	90.0	100.0	90.00
01-Jun-90	9005141	25A		0.00	90.0	100.0	90.00
01-Jun-90	9005141	35A		0.00	89.0	100.0	89.00
01-Jun-90	9005141	13A		0.00	88.0	100.0	88.00
01-Jun-90	9005141	29A		0.00	89.0	100.0	89.00
01-Jun-90	9005141	15A		0.00	89.0	100.0	89.00
01-Jun-90	9005141	39A		0.00	88.0	100.0	88.00

NC: Not Calculable

TABLE 4. DETAILED LISTING OF SPIKE RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Date	Lab ID	Lab Fraction	Flag	Sample Result	Spiked Sample Result	Spike Added	% Recovery
Method: ICP 25 element scan							
Matrix: Groundwater							
Spiked Analyte = Cadmium							
Type of Spike = Analytical Spike. continued							
05-Jun-90	9005105	14A		0.00	79.0	100.0	79.00
Type of Spike = Matrix Spike.							
11-May-90	9004290	21A		0.00	97.0	100.0	97.00
11-May-90	9004290	19A		0.00	91.0	100.0	91.00
11-May-90	9004290	13A		0.00	98.0	100.0	98.00
11-May-90	9004290	11A		0.00	88.0	100.0	88.00
14-May-90	9004276	17A		0.00	89.0	100.0	89.00
14-May-90	9004276	29A		0.00	95.0	100.0	95.00
14-May-90	9004276	31A		0.00	96.0	100.0	96.00
14-May-90	9004276	15A		0.00	89.0	100.0	89.00
16-May-90	9005012	17A		0.00	84.0	100.0	84.00
16-May-90	9005012	30A		0.00	82.0	100.0	82.00
16-May-90	9005012	27A		0.00	92.0	100.0	92.00
16-May-90	9005012	18A		0.00	84.0	100.0	84.00
16-May-90	9005012	26A		0.00	94.0	100.0	94.00
16-May-90	9005012	29A		0.00	83.0	100.0	83.00
16-May-90	9005012	15A		0.00	88.0	100.0	88.00
16-May-90	9005012	14A		0.00	87.0	100.0	87.00
29-May-90	9005103	36A		0.00	92.0	100.0	92.00
29-May-90	9005103	38A		0.00	91.0	100.0	91.00
30-May-90	9005105	11A		0.00	90.0	100.0	90.00
05-Jun-90	9005105	13A		0.00	95.0	100.0	95.00

Number of Samples = 164
Mean % Recovery = 87
Standard Deviation = 4.03

Below acceptance = 0
Above acceptance = 0
Acceptance Criteria 75.00 - 125.00

NC: Not Calculable

TABLE 4. DETAILED LISTING OF SPIKE RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Date	Lab ID	Lab Fraction	Flag	Sample Result	Spiked Sample Result	Spike Added	% Recovery
Method: ICP 25 element scan							
Matrix: Groundwater							
Spiked Analyte = Calcium							
Type of Spike = Analytical Spike.							
02-May-90	9004179	13A		0.00	91.0	100.0	91.00
02-May-90	9004168	23A		0.00	113.0	100.0	113.00
02-May-90	9004168	20A		0.00	85.0	100.0	85.00
02-May-90	9004179	17A		0.00	92.0	100.0	92.00
02-May-90	9004179	15A		0.00	94.0	100.0	94.00
02-May-90	9004179	23A		0.00	91.0	100.0	91.00
02-May-90	9004179	21A		0.00	93.0	100.0	93.00
02-May-90	9004168	19A		0.00	88.0	100.0	88.00
02-May-90	9004168	18A		0.00	86.0	100.0	86.00
02-May-90	9004179	19A		0.00	94.0	100.0	94.00
02-May-90	9004179	11A		0.00	94.0	100.0	94.00
02-May-90	9004168	22A		0.00	98.0	100.0	98.00
02-May-90	9004168	25A		0.00	92.0	100.0	92.00
02-May-90	9004168	21A		0.00	114.0	100.0	114.00
02-May-90	9004168	24A		0.00	75.0	100.0	75.00
03-May-90	9004195	28A		0.00	94.0	100.0	94.00
03-May-90	9004195	22A		0.00	96.0	100.0	96.00
03-May-90	9004195	14A		0.00	106.0	100.0	106.00
03-May-90	9004195	18A		0.00	98.0	100.0	98.00
03-May-90	9004195	30A		0.00	97.0	100.0	97.00
03-May-90	9004195	20A		0.00	94.0	100.0	94.00
03-May-90	9004195	24A		0.00	94.0	100.0	94.00
03-May-90	9004195	26A		0.00	94.0	100.0	94.00
03-May-90	9004195	12A		0.00	98.0	100.0	98.00
03-May-90	9004195	16A		0.00	96.0	100.0	96.00
07-May-90	9004248	16A		0.00	89.0	100.0	89.00
07-May-90	9004248	26A		0.00	93.0	100.0	93.00
07-May-90	9004248	40A		0.00	89.0	100.0	89.00
07-May-90	9004248	20A		0.00	91.0	100.0	91.00
07-May-90	9004234	10A		0.00	92.0	100.0	92.00
07-May-90	9004218	08A		0.00	90.0	100.0	90.00
07-May-90	9004248	30A		0.00	93.0	100.0	93.00
07-May-90	9004234	18A		0.00	91.0	100.0	91.00
07-May-90	9004248	53A		0.00	92.0	100.0	92.00
07-May-90	9004248	34A		0.00	95.0	100.0	95.00

NC: Not Calculable

TABLE 4. DETAILED LISTING OF SPIKE RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Date	Lab ID	Lab Fraction	Flag	Sample Result	Spiked Sample Result	Spike Added	% Recovery
Method: ICP 25 element scan							
Matrix: Groundwater							
Spiked Analyte = Calcium							
Type of Spike = Analytical Spike. continued							
07-May-90	9004218	04A		0.00	88.0	100.0	88.00
07-May-90	9004234	16A		0.00	93.0	100.0	93.00
07-May-90	9004234	12A		0.00	93.0	100.0	93.00
07-May-90	9004248	22A		0.00	94.0	100.0	94.00
07-May-90	9004248	38A		0.00	95.0	100.0	95.00
07-May-90	9004248	32A		0.00	93.0	100.0	93.00
07-May-90	9004248	18A		0.00	85.0	100.0	85.00
07-May-90	9004218	06A		0.00	90.0	100.0	90.00
07-May-90	9004248	42A		0.00	90.0	100.0	90.00
07-May-90	9004248	36A		0.00	88.0	100.0	88.00
07-May-90	9004218	10A		0.00	91.0	100.0	91.00
07-May-90	9004248	24A		0.00	93.0	100.0	93.00
08-May-90	9004179	10A		0.00	95.0	100.0	95.00
11-May-90	9004308	09A		0.00	90.0	100.0	90.00
11-May-90	9004308	11A		0.00	88.0	100.0	88.00
11-May-90	9004308	07A		0.00	90.0	100.0	90.00
11-May-90	9004308	15A		0.00	88.0	100.0	88.00
11-May-90	9004308	13A		0.00	88.0	100.0	88.00
11-May-90	9004290	22A		0.00	90.0	100.0	90.00
11-May-90	9004308	05A		0.00	88.0	100.0	88.00
11-May-90	9004290	10A		0.00	90.0	100.0	90.00
11-May-90	9004290	20A		0.00	89.0	100.0	89.00
11-May-90	9004290	12A		0.00	89.0	100.0	89.00
11-May-90	9004290	18A		0.00	90.0	100.0	90.00
11-May-90	9004290	14A		0.00	89.0	100.0	89.00
14-May-90	9004276	16A		0.00	89.0	100.0	89.00
14-May-90	9004276	28A		0.00	88.0	100.0	88.00
14-May-90	9004276	34A		0.00	89.0	100.0	89.00
14-May-90	9004276	22A		0.00	90.0	100.0	90.00
14-May-90	9004276	36A		0.00	90.0	100.0	90.00
14-May-90	9004276	18A		0.00	89.0	100.0	89.00
14-May-90	9004276	38A		0.00	90.0	100.0	90.00
14-May-90	9004276	24A		0.00	88.0	100.0	88.00
14-May-90	9004276	20A		0.00	90.0	100.0	90.00
14-May-90	9004276	30A		0.00	88.0	100.0	88.00
14-May-90	9004276	32A		0.00	87.0	100.0	87.00

NC: Not Calculable

TABLE 4. DETAILED LISTING OF SPIKE RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Method: ICP 25 element scan
Matrix: Groundwater
Spiked Analyte = Calcium
Type of Spike = Analytical Spike. continued

Date	Lab ID	Lab Fraction	Flag	Sample Result	Spiked Sample Result	Spike Added	% Recovery
14-May-90	9004276	40A		0.00	89.0	100.0	89.00
14-May-90	9004276	14A		0.00	89.0	100.0	89.00
14-May-90	9004276	26A		0.00	88.0	100.0	88.00
15-May-90	9005001	21A		0.00	82.0	100.0	82.00
15-May-90	9005001	19A		0.00	91.0	100.0	91.00
15-May-90	9005001	25A		0.00	90.0	100.0	90.00
15-May-90	9005001	17A		0.00	92.0	100.0	92.00
15-May-90	9005001	27A		0.00	90.0	100.0	90.00
15-May-90	9005001	37A		0.00	91.0	100.0	91.00
15-May-90	9005001	29A		0.00	92.0	100.0	92.00
15-May-90	9005001	31A		0.00	91.0	100.0	91.00
15-May-90	9005001	33A		0.00	93.0	100.0	93.00
15-May-90	9005001	39A		0.00	92.0	100.0	92.00
16-May-90	9005012	16A		0.00	88.0	100.0	88.00
16-May-90	9005012	20A		0.00	82.0	100.0	82.00
16-May-90	9005012	34A		0.00	87.0	100.0	87.00
16-May-90	9005012	24A		0.00	85.0	100.0	85.00
16-May-90	9005012	36A		0.00	87.0	100.0	87.00
16-May-90	9005012	22A		0.00	85.0	100.0	85.00
16-May-90	9005012	32A		0.00	86.0	100.0	86.00
16-May-90	9005012	28A		0.00	85.0	100.0	85.00
18-May-90	9005065	20A		0.00	90.0	100.0	90.00
18-May-90	9005065	18A		0.00	88.0	100.0	88.00
18-May-90	9005065	28A		0.00	88.0	100.0	88.00
18-May-90	9005065	26A		0.00	91.0	100.0	91.00
18-May-90	9005065	30A		0.00	90.0	100.0	90.00
18-May-90	9005065	14A		0.00	89.0	100.0	89.00
18-May-90	9005065	36A		0.00	90.0	100.0	90.00
18-May-90	9005065	24A		0.00	91.0	100.0	91.00
18-May-90	9005065	16A		0.00	90.0	100.0	90.00
18-May-90	9005065	32A		0.00	91.0	100.0	91.00
29-May-90	9005114	38A		0.00	94.0	100.0	94.00
29-May-90	9005114	24A		0.00	98.0	100.0	98.00
29-May-90	9005114	52A		0.00	100.0	100.0	100.00
29-May-90	9005103	43A		0.00	97.0	100.0	97.00
29-May-90	9005114	46A		0.00	98.0	100.0	98.00

NC: Not Calculable

TABLE 4. DETAILED LISTING OF SPIKE RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Date	Lab ID	Lab Fraction	Flag	Sample Result	Spiked Sample Result	Spike Added	% Recovery
Method: ICP 25 element scan							
Matrix: Groundwater							
Spiked Analyte = Calcium							
Type of Spike = Analytical Spike. continued							
29-May-90	9005114	48A		0.00	98.0	100.0	98.00
29-May-90	9005103	41A		0.00	99.0	100.0	99.00
29-May-90	9005103	39A		0.00	102.0	100.0	102.00
29-May-90	9005103	35A		0.00	100.0	100.0	100.00
29-May-90	9005114	30A		0.00	96.0	100.0	96.00
29-May-90	9005114	54A		0.00	99.0	100.0	99.00
29-May-90	9005103	37A		0.00	104.0	100.0	104.00
29-May-90	9005114	28A		0.00	100.0	100.0	100.00
29-May-90	9005114	34A		0.00	99.0	100.0	99.00
29-May-90	9005114	44A		0.00	99.0	100.0	99.00
29-May-90	9005114	26A		0.00	91.0	100.0	91.00
29-May-90	9005114	42A		0.00	98.0	100.0	98.00
29-May-90	9005103	45A		0.00	95.0	100.0	95.00
29-May-90	9005114	36A		0.00	101.0	100.0	101.00
29-May-90	9005114	20A		0.00	95.0	100.0	95.00
30-May-90	9005105	18A		0.00	94.0	100.0	94.00
30-May-90	9005105	16A		0.00	94.0	100.0	94.00
30-May-90	9005105	20A		0.00	95.0	100.0	95.00
30-May-90	9005105	12A		0.00	92.0	100.0	92.00
30-May-90	9005105	10A		0.00	93.0	100.0	93.00
01-Jun-90	9005141	37A		0.00	104.0	100.0	104.00
01-Jun-90	9005141	31A		0.00	102.0	100.0	102.00
01-Jun-90	9005141	09A		0.00	102.0	100.0	102.00
01-Jun-90	9005141	21A		0.00	100.0	100.0	100.00
01-Jun-90	9005141	17A		0.00	103.0	100.0	103.00
01-Jun-90	9005141	35A		0.00	101.0	100.0	101.00
01-Jun-90	9005141	39A		0.00	99.0	100.0	99.00
01-Jun-90	9005141	13A		0.00	101.0	100.0	101.00
01-Jun-90	9005141	25A		0.00	103.0	100.0	103.00
01-Jun-90	9005141	15A		0.00	100.0	100.0	100.00
01-Jun-90	9005141	33A		0.00	100.0	100.0	100.00
01-Jun-90	9005141	23A		0.00	101.0	100.0	101.00
01-Jun-90	9005141	29A		0.00	102.0	100.0	102.00
01-Jun-90	9005141	19A		0.00	102.0	100.0	102.00
01-Jun-90	9005141	27A		0.00	103.0	100.0	103.00
01-Jun-90	9005141	11A		0.00	102.0	100.0	102.00

NC: Not Calculable

TABLE 4. DETAILED LISTING OF SPIKE RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Date	Lab ID	Lab Fraction	Flag	Sample Result	Spiked Sample Result	Spike Added	% Recovery
Method: ICP 25 element scan							
Matrix: Groundwater							
Spiked Analyte = Calcium							
Type of Spike = Analytical Spike. continued							
05-Jun-90	9005105	14A		0.00	96.0	100.0	96.00
Type of Spike = Matrix Spike.							
11-May-90	9004290	19A		0.00	0.00	100.0	0.00
11-May-90	9004290	21A		0.00	116.0	100.0	116.00
11-May-90	9004290	11A		0.00	70.0	100.0	70.00
11-May-90	9004290	13A		0.00	0.00	100.0	0.00
14-May-90	9004276	31A		0.00	88.0	100.0	88.00
14-May-90	9004276	17A		0.00	110.0	100.0	110.00
14-May-90	9004276	15A		0.00	99.0	100.0	99.00
14-May-90	9004276	29A		0.00	88.0	100.0	88.00
16-May-90	9005012	27A		0.00	92.0	100.0	92.00
16-May-90	9005012	29A		0.00	86.0	100.0	86.00
16-May-90	9005012	26A		0.00	132.0	100.0	132.00
16-May-90	9005012	15A		0.00	0.00	100.0	0.00
16-May-90	9005012	18A		0.00	87.0	100.0	87.00
16-May-90	9005012	14A		0.00	103.0	100.0	103.00
16-May-90	9005012	17A		0.00	87.0	100.0	87.00
16-May-90	9005012	30A		0.00	86.0	100.0	86.00
29-May-90	9005103	38A		0.00	60.0	100.0	60.00
29-May-90	9005103	36A		0.00	20.0	100.0	20.00
30-May-90	9005105	11A		0.00	31.0	100.0	31.00
05-Jun-90	9005105	13A		0.00	192.0	100.0	192.00

Number of Samples = 164
Mean % Recovery = 91
Standard Deviation = 18.13

Below acceptance = 7
Above acceptance = 2
Acceptance Criteria 75.00 - 125.00

NC: Not Calculable

TABLE 4. DETAILED LISTING OF SPIKE RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Date	Lab ID	Lab Fraction	Flag	Sample Result	Spiked Sample Result	Spike Added	% Recovery
Method: ICP 25 element scan							
Matrix: Groundwater							
Spiked Analyte = Chromium							
Type of Spike = Analytical Spike.							
02-May-90	9004168	20A		0.00	86.0	100.0	86.00
02-May-90	9004168	19A		0.00	86.0	100.0	86.00
02-May-90	9004168	18A		0.00	85.0	100.0	85.00
02-May-90	9004168	24A		0.00	79.0	100.0	79.00
02-May-90	9004168	23A		0.00	87.0	100.0	87.00
02-May-90	9004179	19A		0.00	93.0	100.0	93.00
02-May-90	9004179	17A		0.00	95.0	100.0	95.00
02-May-90	9004179	21A		0.00	90.0	100.0	90.00
02-May-90	9004179	13A		0.00	91.0	100.0	91.00
02-May-90	9004179	23A		0.00	92.0	100.0	92.00
02-May-90	9004168	25A		0.00	91.0	100.0	91.00
02-May-90	9004179	11A		0.00	93.0	100.0	93.00
02-May-90	9004168	22A		0.00	77.0	100.0	77.00
02-May-90	9004168	21A		0.00	93.0	100.0	93.00
02-May-90	9004179	15A		0.00	87.0	100.0	87.00
03-May-90	9004195	12A		0.00	101.0	100.0	101.00
03-May-90	9004195	30A		0.00	94.0	100.0	94.00
03-May-90	9004195	28A		0.00	94.0	100.0	94.00
03-May-90	9004195	26A		0.00	89.0	100.0	89.00
03-May-90	9004195	24A		0.00	90.0	100.0	90.00
03-May-90	9004195	22A		0.00	95.0	100.0	95.00
03-May-90	9004195	14A		0.00	100.0	100.0	100.00
03-May-90	9004195	20A		0.00	91.0	100.0	91.00
03-May-90	9004195	18A		0.00	99.0	100.0	99.00
03-May-90	9004195	16A		0.00	98.0	100.0	98.00
07-May-90	9004218	04A		0.00	83.0	100.0	83.00
07-May-90	9004218	10A		0.00	85.0	100.0	85.00
07-May-90	9004248	24A		0.00	84.0	100.0	84.00
07-May-90	9004248	38A		0.00	85.0	100.0	85.00
07-May-90	9004248	30A		0.00	84.0	100.0	84.00
07-May-90	9004248	36A		0.00	86.0	100.0	86.00
07-May-90	9004218	06A		0.00	88.0	100.0	88.00
07-May-90	9004234	10A		0.00	84.0	100.0	84.00
07-May-90	9004248	26A		0.00	84.0	100.0	84.00
07-May-90	9004248	34A		0.00	84.0	100.0	84.00

NC: Not Calculable

TABLE 4. DETAILED LISTING OF SPIKE RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Method: ICP 25 element scan
Matrix: Groundwater
Spiked Analyte = Chromium
Type of Spike = Analytical Spike. continued

Date	Lab ID	Lab Fraction	Flag	Sample Result	Spiked Sample Result	Spike Added	% Recovery
07-May-90	9004234	12A		0.00	87.0	100.0	87.00
07-May-90	9004248	53A		0.00	86.0	100.0	86.00
07-May-90	9004218	08A		0.00	88.0	100.0	88.00
07-May-90	9004248	18A		0.00	84.0	100.0	84.00
07-May-90	9004248	16A		0.00	85.0	100.0	85.00
07-May-90	9004248	20A		0.00	84.0	100.0	84.00
07-May-90	9004234	18A		0.00	87.0	100.0	87.00
07-May-90	9004248	22A		0.00	85.0	100.0	85.00
07-May-90	9004248	42A		0.00	86.0	100.0	86.00
07-May-90	9004234	16A		0.00	86.0	100.0	86.00
07-May-90	9004248	40A		0.00	85.0	100.0	85.00
07-May-90	9004248	32A		0.00	84.0	100.0	84.00
08-May-90	9004179	10A		0.00	96.0	100.0	96.00
11-May-90	9004308	13A		0.00	85.0	100.0	85.00
11-May-90	9004290	12A		0.00	82.0	100.0	82.00
11-May-90	9004308	07A		0.00	87.0	100.0	87.00
11-May-90	9004290	20A		0.00	83.0	100.0	83.00
11-May-90	9004308	05A		0.00	85.0	100.0	85.00
11-May-90	9004308	11A		0.00	84.0	100.0	84.00
11-May-90	9004308	15A		0.00	84.0	100.0	84.00
11-May-90	9004290	18A		0.00	85.0	100.0	85.00
11-May-90	9004290	22A		0.00	84.0	100.0	84.00
11-May-90	9004290	10A		0.00	86.0	100.0	86.00
11-May-90	9004290	14A		0.00	83.0	100.0	83.00
11-May-90	9004308	09A		0.00	87.0	100.0	87.00
14-May-90	9004276	34A		0.00	87.0	100.0	87.00
14-May-90	9004276	14A		0.00	84.0	100.0	84.00
14-May-90	9004276	30A		0.00	83.0	100.0	83.00
14-May-90	9004276	38A		0.00	85.0	100.0	85.00
14-May-90	9004276	40A		0.00	85.0	100.0	85.00
14-May-90	9004276	28A		0.00	84.0	100.0	84.00
14-May-90	9004276	20A		0.00	85.0	100.0	85.00
14-May-90	9004276	22A		0.00	84.0	100.0	84.00
14-May-90	9004276	18A		0.00	84.0	100.0	84.00
14-May-90	9004276	36A		0.00	88.0	100.0	88.00
14-May-90	9004276	26A		0.00	84.0	100.0	84.00

NC: Not Calculable

TABLE 4. DETAILED LISTING OF SPIKE RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Date	Lab ID	Lab Fraction	Flag	Sample Result	Spiked Sample Result	Spike Added	% Recovery
Method: ICP 25 element scan							
Matrix: Groundwater							
Spiked Analyte = Chromium							
Type of Spike = Analytical Spike. continued							
14-May-90	9004276	32A		0.00	81.0	100.0	81.00
14-May-90	9004276	24A		0.00	84.0	100.0	84.00
14-May-90	9004276	16A		0.00	83.0	100.0	83.00
15-May-90	9005001	37A		0.00	88.0	100.0	88.00
15-May-90	9005001	21A		0.00	87.0	100.0	87.00
15-May-90	9005001	33A		0.00	89.0	100.0	89.00
15-May-90	9005001	19A		0.00	89.0	100.0	89.00
15-May-90	9005001	25A		0.00	90.0	100.0	90.00
15-May-90	9005001	17A		0.00	88.0	100.0	88.00
15-May-90	9005001	39A		0.00	88.0	100.0	88.00
15-May-90	9005001	31A		0.00	88.0	100.0	88.00
15-May-90	9005001	27A		0.00	87.0	100.0	87.00
15-May-90	9005001	29A		0.00	87.0	100.0	87.00
16-May-90	9005012	16A		0.00	84.0	100.0	84.00
16-May-90	9005012	36A		0.00	85.0	100.0	85.00
16-May-90	9005012	22A		0.00	83.0	100.0	83.00
16-May-90	9005012	32A		0.00	83.0	100.0	83.00
16-May-90	9005012	20A		0.00	81.0	100.0	81.00
16-May-90	9005012	24A		0.00	82.0	100.0	82.00
16-May-90	9005012	34A		0.00	84.0	100.0	84.00
16-May-90	9005012	28A		0.00	83.0	100.0	83.00
18-May-90	9005065	24A		0.00	88.0	100.0	88.00
18-May-90	9005065	14A		0.00	87.0	100.0	87.00
18-May-90	9005065	18A		0.00	88.0	100.0	88.00
18-May-90	9005065	26A		0.00	87.0	100.0	87.00
18-May-90	9005065	16A		0.00	87.0	100.0	87.00
18-May-90	9005065	20A		0.00	88.0	100.0	88.00
18-May-90	9005065	28A		0.00	86.0	100.0	86.00
18-May-90	9005065	30A		0.00	86.0	100.0	86.00
18-May-90	9005065	32A		0.00	87.0	100.0	87.00
18-May-90	9005065	36A		0.00	87.0	100.0	87.00
29-May-90	9005114	42A		0.00	84.0	100.0	84.00
29-May-90	9005114	36A		0.00	88.0	100.0	88.00
29-May-90	9005114	44A		0.00	85.0	100.0	85.00
29-May-90	9005114	24A		0.00	88.0	100.0	88.00
29-May-90	9005103	45A		0.00	83.0	100.0	83.00

NC: Not Calculable

TABLE 4. DETAILED LISTING OF SPIKE RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Date	Lab ID	Lab Fraction	Flag	Sample Result	Spiked Sample Result	Spike Added	% Recovery
Method: ICP 25 element scan							
Matrix: Groundwater							
Spiked Analyte = Chromium							
Type of Spike = Analytical Spike. continued							
29-May-90	9005114	20A		0.00	86.0	100.0	86.00
29-May-90	9005103	37A		0.00	84.0	100.0	84.00
29-May-90	9005114	38A		0.00	86.0	100.0	86.00
29-May-90	9005114	52A		0.00	84.0	100.0	84.00
29-May-90	9005103	39A		0.00	86.0	100.0	86.00
29-May-90	9005103	43A		0.00	82.0	100.0	82.00
29-May-90	9005114	26A		0.00	86.0	100.0	86.00
29-May-90	9005103	35A		0.00	85.0	100.0	85.00
29-May-90	9005103	41A		0.00	86.0	100.0	86.00
29-May-90	9005114	28A		0.00	87.0	100.0	87.00
29-May-90	9005114	48A		0.00	84.0	100.0	84.00
29-May-90	9005114	30A		0.00	85.0	100.0	85.00
29-May-90	9005114	54A		0.00	85.0	100.0	85.00
29-May-90	9005114	46A		0.00	86.0	100.0	86.00
29-May-90	9005114	34A		0.00	86.0	100.0	86.00
30-May-90	9005105	20A		0.00	83.0	100.0	83.00
30-May-90	9005105	12A		0.00	81.0	100.0	81.00
30-May-90	9005105	18A		0.00	82.0	100.0	82.00
30-May-90	9005105	16A		0.00	83.0	100.0	83.00
30-May-90	9005105	10A		0.00	82.0	100.0	82.00
01-Jun-90	9005141	15A		0.00	88.0	100.0	88.00
01-Jun-90	9005141	25A		0.00	90.0	100.0	90.00
01-Jun-90	9005141	21A		0.00	89.0	100.0	89.00
01-Jun-90	9005141	27A		0.00	90.0	100.0	90.00
01-Jun-90	9005141	13A		0.00	89.0	100.0	89.00
01-Jun-90	9005141	09A		0.00	91.0	100.0	91.00
01-Jun-90	9005141	11A		0.00	90.0	100.0	90.00
01-Jun-90	9005141	19A		0.00	81.0	100.0	81.00
01-Jun-90	9005141	39A		0.00	88.0	100.0	88.00
01-Jun-90	9005141	35A		0.00	89.0	100.0	89.00
01-Jun-90	9005141	17A		0.00	81.0	100.0	81.00
01-Jun-90	9005141	23A		0.00	90.0	100.0	90.00
01-Jun-90	9005141	31A		0.00	90.0	100.0	90.00
01-Jun-90	9005141	29A		0.00	90.0	100.0	90.00
01-Jun-90	9005141	33A		0.00	90.0	100.0	90.00
01-Jun-90	9005141	37A		0.00	90.0	100.0	90.00

NC: Not Calculable

TABLE 4. DETAILED LISTING OF SPIKE RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Date	Lab ID	Lab Fraction	Flag	Sample Result	Spiked Sample Result	Spike Added	% Recovery
Method: ICP 25 element scan							
Matrix: Groundwater							
Spiked Analyte = Chromium							
Type of Spike = Analytical Spike. continued							
05-Jun-90	9005105	14A		0.00	79.0	100.0	79.00
Type of Spike = Matrix Spike.							
11-May-90	9004290	21A		0.00	98.0	100.0	98.00
11-May-90	9004290	19A		0.00	92.0	100.0	92.00
11-May-90	9004290	13A		0.00	98.0	100.0	98.00
11-May-90	9004290	11A		0.00	88.0	100.0	88.00
14-May-90	9004276	15A		0.00	92.0	100.0	92.00
14-May-90	9004276	29A		0.00	96.0	100.0	96.00
14-May-90	9004276	31A		0.00	97.0	100.0	97.00
14-May-90	9004276	17A		0.00	92.0	100.0	92.00
16-May-90	9005012	29A		0.00	82.0	100.0	82.00
16-May-90	9005012	27A		0.00	92.0	100.0	92.00
16-May-90	9005012	17A		0.00	84.0	100.0	84.00
16-May-90	9005012	14A		0.00	87.0	100.0	87.00
16-May-90	9005012	15A		0.00	88.0	100.0	88.00
16-May-90	9005012	30A		0.00	81.0	100.0	81.00
16-May-90	9005012	18A		0.00	83.0	100.0	83.00
16-May-90	9005012	26A		0.00	93.0	100.0	93.00
29-May-90	9005103	36A		0.00	92.0	100.0	92.00
29-May-90	9005103	38A		0.00	92.0	100.0	92.00
30-May-90	9005105	11A		0.00	92.0	100.0	92.00
05-Jun-90	9005105	13A		0.00	94.0	100.0	94.00

Number of Samples = 164
Mean % Recovery = 87
Standard Deviation = 4.31

Below acceptance = 0
Above acceptance = 0
Acceptance Criteria 75.00 - 125.00

NC: Not Calculable

TABLE 4. DETAILED LISTING OF SPIKE RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Date	Lab ID	Lab Fraction	Flag	Sample Result	Spiked Sample Result	Spike Added	% Recovery
Method: ICP 25 element scan							
Matrix: Groundwater							
Spiked Analyte = Cobalt							
Type of Spike = Analytical Spike.							
02-May-90	9004168	23A		0.00	86.0	100.0	86.00
02-May-90	9004168	22A		0.00	76.0	100.0	76.00
02-May-90	9004179	13A		0.00	90.0	100.0	90.00
02-May-90	9004168	21A		0.00	92.0	100.0	92.00
02-May-90	9004168	24A		0.00	78.0	100.0	78.00
02-May-90	9004168	25A		0.00	90.0	100.0	90.00
02-May-90	9004179	19A		0.00	92.0	100.0	92.00
02-May-90	9004179	21A		0.00	88.0	100.0	88.00
02-May-90	9004179	15A		0.00	86.0	100.0	86.00
02-May-90	9004168	20A		0.00	85.0	100.0	85.00
02-May-90	9004179	17A		0.00	94.0	100.0	94.00
02-May-90	9004168	19A		0.00	85.0	100.0	85.00
02-May-90	9004179	23A		0.00	91.0	100.0	91.00
02-May-90	9004179	11A		0.00	92.0	100.0	92.00
02-May-90	9004168	18A		0.00	85.0	100.0	85.00
03-May-90	9004195	24A		0.00	88.0	100.0	88.00
03-May-90	9004195	26A		0.00	85.0	100.0	85.00
03-May-90	9004195	28A		0.00	93.0	100.0	93.00
03-May-90	9004195	30A		0.00	93.0	100.0	93.00
03-May-90	9004195	16A		0.00	96.0	100.0	96.00
03-May-90	9004195	14A		0.00	98.0	100.0	98.00
03-May-90	9004195	18A		0.00	97.0	100.0	97.00
03-May-90	9004195	20A		0.00	90.0	100.0	90.00
03-May-90	9004195	12A		0.00	99.0	100.0	99.00
03-May-90	9004195	22A		0.00	94.0	100.0	94.00
07-May-90	9004248	18A		0.00	83.0	100.0	83.00
07-May-90	9004248	53A		0.00	84.0	100.0	84.00
07-May-90	9004248	40A		0.00	84.0	100.0	84.00
07-May-90	9004218	04A		0.00	82.0	100.0	82.00
07-May-90	9004248	16A		0.00	84.0	100.0	84.00
07-May-90	9004248	38A		0.00	84.0	100.0	84.00
07-May-90	9004248	36A		0.00	85.0	100.0	85.00
07-May-90	9004218	06A		0.00	87.0	100.0	87.00
07-May-90	9004234	10A		0.00	83.0	100.0	83.00
07-May-90	9004248	20A		0.00	84.0	100.0	84.00

NC: Not Calculable

TABLE 4. DETAILED LISTING OF SPIKE RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Date	Lab ID	Lab Fraction	Flag	Sample Result	Spiked Sample Result	Spike Added	% Recovery
Method: ICP 25 element scan							
Matrix: Groundwater							
Spiked Analyte = Cobalt							
Type of Spike = Analytical Spike. continued							
07-May-90	9004248	42A		0.00	84.0	100.0	84.00
07-May-90	9004248	34A		0.00	83.0	100.0	83.00
07-May-90	9004248	24A		0.00	83.0	100.0	83.00
07-May-90	9004218	08A		0.00	87.0	100.0	87.00
07-May-90	9004248	26A		0.00	82.0	100.0	82.00
07-May-90	9004248	32A		0.00	83.0	100.0	83.00
07-May-90	9004234	18A		0.00	86.0	100.0	86.00
07-May-90	9004248	22A		0.00	84.0	100.0	84.00
07-May-90	9004218	10A		0.00	84.0	100.0	84.00
07-May-90	9004234	12A		0.00	85.0	100.0	85.00
07-May-90	9004248	30A		0.00	84.0	100.0	84.00
07-May-90	9004234	16A		0.00	85.0	100.0	85.00
08-May-90	9004179	10A		0.00	95.0	100.0	95.00
11-May-90	9004290	18A		0.00	84.0	100.0	84.00
11-May-90	9004308	05A		0.00	85.0	100.0	85.00
11-May-90	9004290	22A		0.00	83.0	100.0	83.00
11-May-90	9004308	11A		0.00	84.0	100.0	84.00
11-May-90	9004308	07A		0.00	87.0	100.0	87.00
11-May-90	9004308	09A		0.00	86.0	100.0	86.00
11-May-90	9004308	13A		0.00	86.0	100.0	86.00
11-May-90	9004308	15A		0.00	84.0	100.0	84.00
11-May-90	9004290	20A		0.00	82.0	100.0	82.00
11-May-90	9004290	12A		0.00	82.0	100.0	82.00
11-May-90	9004290	10A		0.00	85.0	100.0	85.00
11-May-90	9004290	14A		0.00	84.0	100.0	84.00
14-May-90	9004276	30A		0.00	84.0	100.0	84.00
14-May-90	9004276	24A		0.00	83.0	100.0	83.00
14-May-90	9004276	26A		0.00	83.0	100.0	83.00
14-May-90	9004276	16A		0.00	83.0	100.0	83.00
14-May-90	9004276	40A		0.00	84.0	100.0	84.00
14-May-90	9004276	32A		0.00	81.0	100.0	81.00
14-May-90	9004276	28A		0.00	84.0	100.0	84.00
14-May-90	9004276	22A		0.00	84.0	100.0	84.00
14-May-90	9004276	20A		0.00	84.0	100.0	84.00
14-May-90	9004276	36A		0.00	87.0	100.0	87.00
14-May-90	9004276	34A		0.00	86.0	100.0	86.00

NC: Not Calculable

TABLE 4. DETAILED LISTING OF SPIKE RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Date	Lab ID	Lab Fraction	Flag	Sample Result	Spiked Sample Result	Spike Added	% Recovery
Method: ICP 25 element scan							
Matrix: Groundwater							
Spiked Analyte = Cobalt							
Type of Spike = Analytical Spike. continued							
14-May-90	9004276	14A		0.00	83.0	100.0	83.00
14-May-90	9004276	38A		0.00	84.0	100.0	84.00
14-May-90	9004276	18A		0.00	83.0	100.0	83.00
15-May-90	9005001	39A		0.00	87.0	100.0	87.00
15-May-90	9005001	29A		0.00	86.0	100.0	86.00
15-May-90	9005001	37A		0.00	86.0	100.0	86.00
15-May-90	9005001	31A		0.00	87.0	100.0	87.00
15-May-90	9005001	17A		0.00	88.0	100.0	88.00
15-May-90	9005001	33A		0.00	88.0	100.0	88.00
15-May-90	9005001	25A		0.00	88.0	100.0	88.00
15-May-90	9005001	19A		0.00	88.0	100.0	88.00
15-May-90	9005001	21A		0.00	85.0	100.0	85.00
15-May-90	9005001	27A		0.00	86.0	100.0	86.00
16-May-90	9005012	36A		0.00	84.0	100.0	84.00
16-May-90	9005012	34A		0.00	82.0	100.0	82.00
16-May-90	9005012	32A		0.00	82.0	100.0	82.00
16-May-90	9005012	28A		0.00	82.0	100.0	82.00
16-May-90	9005012	20A		0.00	79.0	100.0	79.00
16-May-90	9005012	24A		0.00	82.0	100.0	82.00
16-May-90	9005012	16A		0.00	83.0	100.0	83.00
16-May-90	9005012	22A		0.00	82.0	100.0	82.00
18-May-90	9005065	20A		0.00	88.0	100.0	88.00
18-May-90	9005065	26A		0.00	86.0	100.0	86.00
18-May-90	9005065	36A		0.00	86.0	100.0	86.00
18-May-90	9005065	28A		0.00	86.0	100.0	86.00
18-May-90	9005065	14A		0.00	88.0	100.0	88.00
18-May-90	9005065	24A		0.00	88.0	100.0	88.00
18-May-90	9005065	18A		0.00	87.0	100.0	87.00
18-May-90	9005065	30A		0.00	87.0	100.0	87.00
18-May-90	9005065	16A		0.00	87.0	100.0	87.00
18-May-90	9005065	32A		0.00	87.0	100.0	87.00
29-May-90	9005114	24A		0.00	88.0	100.0	88.00
29-May-90	9005114	36A		0.00	88.0	100.0	88.00
29-May-90	9005114	48A		0.00	84.0	100.0	84.00
29-May-90	9005114	34A		0.00	87.0	100.0	87.00
29-May-90	9005103	37A		0.00	83.0	100.0	83.00

NC: Not Calculable

TABLE 4. DETAILED LISTING OF SPIKE RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Date	Lab ID	Lab Fraction	Flag	Sample Result	Spiked Sample Result	Spike Added	% Recovery
Method: ICP 25 element scan							
Matrix: Groundwater							
Spiked Analyte = Cobalt							
Type of Spike = Analytical Spike. continued							
29-May-90	9005114	42A		0.00	84.0	100.0	84.00
29-May-90	9005114	54A		0.00	86.0	100.0	86.00
29-May-90	9005114	46A		0.00	86.0	100.0	86.00
29-May-90	9005114	20A		0.00	86.0	100.0	86.00
29-May-90	9005114	30A		0.00	84.0	100.0	84.00
29-May-90	9005114	28A		0.00	87.0	100.0	87.00
29-May-90	9005103	35A		0.00	85.0	100.0	85.00
29-May-90	9005103	43A		0.00	82.0	100.0	82.00
29-May-90	9005114	44A		0.00	86.0	100.0	86.00
29-May-90	9005103	41A		0.00	86.0	100.0	86.00
29-May-90	9005114	26A		0.00	86.0	100.0	86.00
29-May-90	9005103	39A		0.00	84.0	100.0	84.00
29-May-90	9005114	52A		0.00	83.0	100.0	83.00
29-May-90	9005114	38A		0.00	85.0	100.0	85.00
29-May-90	9005103	45A		0.00	84.0	100.0	84.00
30-May-90	9005105	16A		0.00	82.0	100.0	82.00
30-May-90	9005105	18A		0.00	81.0	100.0	81.00
30-May-90	9005105	12A		0.00	80.0	100.0	80.00
30-May-90	9005105	20A		0.00	82.0	100.0	82.00
30-May-90	9005105	10A		0.00	82.0	100.0	82.00
01-Jun-90	9005141	27A		0.00	89.0	100.0	89.00
01-Jun-90	9005141	09A		0.00	90.0	100.0	90.00
01-Jun-90	9005141	25A		0.00	89.0	100.0	89.00
01-Jun-90	9005141	13A		0.00	88.0	100.0	88.00
01-Jun-90	9005141	23A		0.00	89.0	100.0	89.00
01-Jun-90	9005141	31A		0.00	90.0	100.0	90.00
01-Jun-90	9005141	15A		0.00	88.0	100.0	88.00
01-Jun-90	9005141	33A		0.00	89.0	100.0	89.00
01-Jun-90	9005141	11A		0.00	89.0	100.0	89.00
01-Jun-90	9005141	29A		0.00	89.0	100.0	89.00
01-Jun-90	9005141	17A		0.00	89.0	100.0	89.00
01-Jun-90	9005141	35A		0.00	88.0	100.0	88.00
01-Jun-90	9005141	39A		0.00	88.0	100.0	88.00
01-Jun-90	9005141	21A		0.00	88.0	100.0	88.00
01-Jun-90	9005141	37A		0.00	89.0	100.0	89.00
01-Jun-90	9005141	19A		0.00	81.0	100.0	81.00

NC: Not Calculable

TABLE 4. DETAILED LISTING OF SPIKE RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Date	Lab ID	Lab Fraction	Flag	Sample Result	Spiked Sample Result	Spike Added	% Recovery
Method: ICP 25 element scan							
Matrix: Groundwater							
Spiked Analyte = Cobalt							
Type of Spike = Analytical Spike. continued							
05-Jun-90	9005105	14A		0.00	77.0	100.0	77.00
Type of Spike = Matrix Spike.							
11-May-90	9004290	21A		0.00	97.0	100.0	97.00
11-May-90	9004290	11A		0.00	87.0	100.0	87.00
11-May-90	9004290	19A		0.00	91.0	100.0	91.00
11-May-90	9004290	13A		0.00	97.0	100.0	97.00
14-May-90	9004276	31A		0.00	97.0	100.0	97.00
14-May-90	9004276	29A		0.00	95.0	100.0	95.00
14-May-90	9004276	15A		0.00	90.0	100.0	90.00
14-May-90	9004276	17A		0.00	89.0	100.0	89.00
16-May-90	9005012	17A		0.00	83.0	100.0	83.00
16-May-90	9005012	26A		0.00	93.0	100.0	93.00
16-May-90	9005012	27A		0.00	91.0	100.0	91.00
16-May-90	9005012	29A		0.00	81.0	100.0	81.00
16-May-90	9005012	14A		0.00	86.0	100.0	86.00
16-May-90	9005012	30A		0.00	80.0	100.0	80.00
16-May-90	9005012	15A		0.00	87.0	100.0	87.00
16-May-90	9005012	18A		0.00	81.0	100.0	81.00
29-May-90	9005103	36A		0.00	93.0	100.0	93.00
29-May-90	9005103	38A		0.00	92.0	100.0	92.00
30-May-90	9005105	11A		0.00	92.0	100.0	92.00
05-Jun-90	9005105	13A		0.00	94.0	100.0	94.00

Number of Samples = 164
Mean % Recovery = 86
Standard Deviation = 4.20

Below acceptance = 0
Above acceptance = 0
Acceptance Criteria 75.00 - 125.00

NC: Not Calculable

TABLE 4. DETAILED LISTING OF SPIKE RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Date	Lab ID	Lab Fraction	Flag	Sample Result	Spiked Sample Result	Spike Added	% Recovery
Method: ICP 25 element scan							
Matrix: Groundwater							
Spiked Analyte = Copper							
Type of Spike = Analytical Spike.							
02-May-90	9004168	19A		0.00	88.0	100.0	88.00
02-May-90	9004168	22A		0.00	77.0	100.0	77.00
02-May-90	9004179	15A		0.00	88.0	100.0	88.00
02-May-90	9004168	24A		0.00	79.0	100.0	79.00
02-May-90	9004179	11A		0.00	94.0	100.0	94.00
02-May-90	9004168	21A		0.00	95.0	100.0	95.00
02-May-90	9004179	17A		0.00	96.0	100.0	96.00
02-May-90	9004179	13A		0.00	93.0	100.0	93.00
02-May-90	9004168	20A		0.00	87.0	100.0	87.00
02-May-90	9004179	21A		0.00	90.0	100.0	90.00
02-May-90	9004179	23A		0.00	93.0	100.0	93.00
02-May-90	9004179	19A		0.00	93.0	100.0	93.00
02-May-90	9004168	25A		0.00	91.0	100.0	91.00
02-May-90	9004168	18A		0.00	87.0	100.0	87.00
02-May-90	9004168	23A		0.00	88.0	100.0	88.00
03-May-90	9004195	28A		0.00	97.0	100.0	97.00
03-May-90	9004195	18A		0.00	102.0	100.0	102.00
03-May-90	9004195	20A		0.00	95.0	100.0	95.00
03-May-90	9004195	22A		0.00	98.0	100.0	98.00
03-May-90	9004195	30A		0.00	97.0	100.0	97.00
03-May-90	9004195	14A		0.00	103.0	100.0	103.00
03-May-90	9004195	26A		0.00	92.0	100.0	92.00
03-May-90	9004195	16A		0.00	101.0	100.0	101.00
03-May-90	9004195	24A		0.00	92.0	100.0	92.00
03-May-90	9004195	12A		0.00	103.0	100.0	103.00
07-May-90	9004248	42A		0.00	86.0	100.0	86.00
07-May-90	9004248	22A		0.00	86.0	100.0	86.00
07-May-90	9004234	18A		0.00	88.0	100.0	88.00
07-May-90	9004218	04A		0.00	84.0	100.0	84.00
07-May-90	9004248	20A		0.00	85.0	100.0	85.00
07-May-90	9004234	10A		0.00	85.0	100.0	85.00
07-May-90	9004234	12A		0.00	88.0	100.0	88.00
07-May-90	9004248	24A		0.00	85.0	100.0	85.00
07-May-90	9004248	36A		0.00	86.0	100.0	86.00
07-May-90	9004248	38A		0.00	85.0	100.0	85.00

NC: Not Calculable

TABLE 4. DETAILED LISTING OF SPIKE RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Date	Lab ID	Lab Fraction	Flag	Sample Result	Spiked Sample Result	Spike Added	% Recovery
Method: ICP 25 element scan							
Matrix: Groundwater							
Spiked Analyte = Copper							
Type of Spike = Analytical Spike. continued							
07-May-90	9004234	16A		0.00	87.0	100.0	87.00
07-May-90	9004248	40A		0.00	85.0	100.0	85.00
07-May-90	9004218	08A		0.00	89.0	100.0	89.00
07-May-90	9004248	26A		0.00	85.0	100.0	85.00
07-May-90	9004248	53A		0.00	86.0	100.0	86.00
07-May-90	9004248	18A		0.00	86.0	100.0	86.00
07-May-90	9004248	32A		0.00	85.0	100.0	85.00
07-May-90	9004218	06A		0.00	89.0	100.0	89.00
07-May-90	9004248	30A		0.00	86.0	100.0	86.00
07-May-90	9004248	16A		0.00	86.0	100.0	86.00
07-May-90	9004218	10A		0.00	86.0	100.0	86.00
07-May-90	9004248	34A		0.00	85.0	100.0	85.00
08-May-90	9004179	10A		0.00	98.0	100.0	98.00
11-May-90	9004290	18A		0.00	87.0	100.0	87.00
11-May-90	9004290	10A		0.00	88.0	100.0	88.00
11-May-90	9004308	15A		0.00	87.0	100.0	87.00
11-May-90	9004290	14A		0.00	88.0	100.0	88.00
11-May-90	9004308	09A		0.00	89.0	100.0	89.00
11-May-90	9004290	12A		0.00	87.0	100.0	87.00
11-May-90	9004308	07A		0.00	89.0	100.0	89.00
11-May-90	9004308	11A		0.00	86.0	100.0	86.00
11-May-90	9004290	22A		0.00	88.0	100.0	88.00
11-May-90	9004308	05A		0.00	88.0	100.0	88.00
11-May-90	9004290	20A		0.00	87.0	100.0	87.00
11-May-90	9004308	13A		0.00	88.0	100.0	88.00
14-May-90	9004276	40A		0.00	87.0	100.0	87.00
14-May-90	9004276	26A		0.00	88.0	100.0	88.00
14-May-90	9004276	38A		0.00	88.0	100.0	88.00
14-May-90	9004276	34A		0.00	90.0	100.0	90.00
14-May-90	9004276	30A		0.00	87.0	100.0	87.00
14-May-90	9004276	36A		0.00	91.0	100.0	91.00
14-May-90	9004276	16A		0.00	88.0	100.0	88.00
14-May-90	9004276	24A		0.00	88.0	100.0	88.00
14-May-90	9004276	18A		0.00	88.0	100.0	88.00
14-May-90	9004276	22A		0.00	87.0	100.0	87.00
14-May-90	9004276	28A		0.00	86.0	100.0	86.00

NC: Not Calculable

TABLE 4. DETAILED LISTING OF SPIKE RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Date	Lab ID	Lab Fraction	Flag	Sample Result	Spiked Sample Result	Spike Added	% Recovery
Method: ICP 25 element scan							
Matrix: Groundwater							
Spiked Analyte = Copper							
Type of Spike = Analytical Spike. continued							
14-May-90	9004276	14A		0.00	87.0	100.0	87.00
14-May-90	9004276	20A		0.00	87.0	100.0	87.00
14-May-90	9004276	32A		0.00	85.0	100.0	85.00
15-May-90	9005001	37A		0.00	89.0	100.0	89.00
15-May-90	9005001	21A		0.00	90.0	100.0	90.00
15-May-90	9005001	19A		0.00	90.0	100.0	90.00
15-May-90	9005001	31A		0.00	89.0	100.0	89.00
15-May-90	9005001	33A		0.00	90.0	100.0	90.00
15-May-90	9005001	27A		0.00	90.0	100.0	90.00
15-May-90	9005001	39A		0.00	90.0	100.0	90.00
15-May-90	9005001	25A		0.00	90.0	100.0	90.00
15-May-90	9005001	29A		0.00	88.0	100.0	88.00
15-May-90	9005001	17A		0.00	89.0	100.0	89.00
16-May-90	9005012	36A		0.00	85.0	100.0	85.00
16-May-90	9005012	28A		0.00	84.0	100.0	84.00
16-May-90	9005012	16A		0.00	85.0	100.0	85.00
16-May-90	9005012	24A		0.00	84.0	100.0	84.00
16-May-90	9005012	20A		0.00	83.0	100.0	83.00
16-May-90	9005012	34A		0.00	85.0	100.0	85.00
16-May-90	9005012	32A		0.00	84.0	100.0	84.00
16-May-90	9005012	22A		0.00	84.0	100.0	84.00
18-May-90	9005065	20A		0.00	88.0	100.0	88.00
18-May-90	9005065	36A		0.00	86.0	100.0	86.00
18-May-90	9005065	26A		0.00	86.0	100.0	86.00
18-May-90	9005065	32A		0.00	87.0	100.0	87.00
18-May-90	9005065	16A		0.00	88.0	100.0	88.00
18-May-90	9005065	14A		0.00	88.0	100.0	88.00
18-May-90	9005065	24A		0.00	88.0	100.0	88.00
18-May-90	9005065	18A		0.00	87.0	100.0	87.00
18-May-90	9005065	28A		0.00	86.0	100.0	86.00
18-May-90	9005065	30A		0.00	86.0	100.0	86.00
29-May-90	9005114	30A		0.00	86.0	100.0	86.00
29-May-90	9005114	44A		0.00	89.0	100.0	89.00
29-May-90	9005114	20A		0.00	89.0	100.0	89.00
29-May-90	9005114	42A		0.00	88.0	100.0	88.00
29-May-90	9005114	48A		0.00	85.0	100.0	85.00

NC: Not Calculable

TABLE 4. DETAILED LISTING OF SPIKE RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Date	Lab ID	Lab Fraction	Flag	Sample Result	Spiked Sample Result	Spike Added	% Recovery
Method: ICP 25 element scan							
Matrix: Groundwater							
Spiked Analyte = Copper							
Type of Spike = Analytical Spike. continued							
29-May-90	9005103	39A		0.00	91.0	100.0	91.00
29-May-90	9005114	26A		0.00	86.0	100.0	86.00
29-May-90	9005114	52A		0.00	87.0	100.0	87.00
29-May-90	9005114	24A		0.00	89.0	100.0	89.00
29-May-90	9005103	37A		0.00	90.0	100.0	90.00
29-May-90	9005103	45A		0.00	88.0	100.0	88.00
29-May-90	9005103	43A		0.00	86.0	100.0	86.00
29-May-90	9005114	36A		0.00	88.0	100.0	88.00
29-May-90	9005103	41A		0.00	91.0	100.0	91.00
29-May-90	9005114	46A		0.00	90.0	100.0	90.00
29-May-90	9005114	28A		0.00	87.0	100.0	87.00
29-May-90	9005114	34A		0.00	89.0	100.0	89.00
29-May-90	9005114	54A		0.00	89.0	100.0	89.00
29-May-90	9005114	38A		0.00	88.0	100.0	88.00
29-May-90	9005103	35A		0.00	88.0	100.0	88.00
30-May-90	9005105	20A		0.00	84.0	100.0	84.00
30-May-90	9005105	18A		0.00	83.0	100.0	83.00
30-May-90	9005105	10A		0.00	84.0	100.0	84.00
30-May-90	9005105	16A		0.00	83.0	100.0	83.00
30-May-90	9005105	12A		0.00	80.0	100.0	80.00
01-Jun-90	9005141	29A		0.00	92.0	100.0	92.00
01-Jun-90	9005141	19A		0.00	84.0	100.0	84.00
01-Jun-90	9005141	31A		0.00	92.0	100.0	92.00
01-Jun-90	9005141	39A		0.00	90.0	100.0	90.00
01-Jun-90	9005141	37A		0.00	92.0	100.0	92.00
01-Jun-90	9005141	35A		0.00	92.0	100.0	92.00
01-Jun-90	9005141	23A		0.00	94.0	100.0	94.00
01-Jun-90	9005141	13A		0.00	92.0	100.0	92.00
01-Jun-90	9005141	09A		0.00	93.0	100.0	93.00
01-Jun-90	9005141	27A		0.00	92.0	100.0	92.00
01-Jun-90	9005141	15A		0.00	92.0	100.0	92.00
01-Jun-90	9005141	21A		0.00	91.0	100.0	91.00
01-Jun-90	9005141	25A		0.00	92.0	100.0	92.00
01-Jun-90	9005141	17A		0.00	92.0	100.0	92.00
01-Jun-90	9005141	33A		0.00	92.0	100.0	92.00
01-Jun-90	9005141	11A		0.00	93.0	100.0	93.00

NC: Not Calculable

TABLE 4. DETAILED LISTING OF SPIKE RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Date	Lab ID	Lab Fraction	Flag	Sample Result	Spiked Sample Result	Spike Added	% Recovery
Method: ICP 25 element scan							
Matrix: Groundwater							
Spiked Analyte = Copper							
Type of Spike = Analytical Spike. continued							
05-Jun-90	9005105	14A		0.00	85.0	100.0	85.00
Type of Spike = Matrix Spike.							
11-May-90	9004290	19A		0.00	93.0	100.0	93.00
11-May-90	9004290	13A		0.00	100.0	100.0	100.00
11-May-90	9004290	11A		0.00	89.0	100.0	89.00
11-May-90	9004290	21A		0.00	99.0	100.0	99.00
14-May-90	9004276	17A		0.00	92.0	100.0	92.00
14-May-90	9004276	29A		0.00	98.0	100.0	98.00
14-May-90	9004276	31A		0.00	98.0	100.0	98.00
14-May-90	9004276	15A		0.00	93.0	100.0	93.00
16-May-90	9005012	27A		0.00	92.0	100.0	92.00
16-May-90	9005012	26A		0.00	93.0	100.0	93.00
16-May-90	9005012	18A		0.00	84.0	100.0	84.00
16-May-90	9005012	17A		0.00	85.0	100.0	85.00
16-May-90	9005012	15A		0.00	88.0	100.0	88.00
16-May-90	9005012	14A		0.00	87.0	100.0	87.00
16-May-90	9005012	30A		0.00	83.0	100.0	83.00
16-May-90	9005012	29A		0.00	83.0	100.0	83.00
29-May-90	9005103	36A		0.00	96.0	100.0	96.00
29-May-90	9005103	38A		0.00	95.0	100.0	95.00
30-May-90	9005105	11A		0.00	97.0	100.0	97.00
05-Jun-90	9005105	13A		0.00	97.0	100.0	97.00

Number of Samples = 164
Mean % Recovery = 89
Standard Deviation = 4.47

Below acceptance = 0
Above acceptance = 0
Acceptance Criteria 75.00 - 125.00

NC: Not Calculable

TABLE 4. DETAILED LISTING OF SPIKE RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Date	Lab ID	Lab Fraction	Flag	Sample Result	Spiked Sample Result	Spike Added	% Recovery
Method: ICP 25 element scan							
Matrix: Groundwater							
Spiked Analyte = Iron							
Type of Spike = Analytical Spike.							
02-May-90	9004168	21A		0.00	90.0	100.0	90.00
02-May-90	9004179	23A		0.00	91.0	100.0	91.00
02-May-90	9004168	22A		0.00	76.0	100.0	76.00
02-May-90	9004179	13A		0.00	86.0	100.0	86.00
02-May-90	9004168	23A		0.00	85.0	100.0	85.00
02-May-90	9004179	17A		0.00	94.0	100.0	94.00
02-May-90	9004168	24A		0.00	92.0	100.0	92.00
02-May-90	9004179	15A		0.00	92.0	100.0	92.00
02-May-90	9004168	25A		0.00	92.0	100.0	92.00
02-May-90	9004168	18A		0.00	85.0	100.0	85.00
02-May-90	9004168	19A		0.00	87.0	100.0	87.00
02-May-90	9004168	20A		0.00	85.0	100.0	85.00
02-May-90	9004179	11A		0.00	89.0	100.0	89.00
02-May-90	9004179	21A		0.00	94.0	100.0	94.00
02-May-90	9004179	19A		0.00	94.0	100.0	94.00
03-May-90	9004195	24A		0.00	96.0	100.0	96.00
03-May-90	9004195	26A		0.00	96.0	100.0	96.00
03-May-90	9004195	28A		0.00	93.0	100.0	93.00
03-May-90	9004195	30A		0.00	93.0	100.0	93.00
03-May-90	9004195	12A		0.00	88.0	100.0	88.00
03-May-90	9004195	20A		0.00	81.0	100.0	81.00
03-May-90	9004195	14A		0.00	93.0	100.0	93.00
03-May-90	9004195	22A		0.00	92.0	100.0	92.00
03-May-90	9004195	16A		0.00	92.0	100.0	92.00
03-May-90	9004195	18A		0.00	88.0	100.0	88.00
07-May-90	9004248	42A		0.00	86.0	100.0	86.00
07-May-90	9004248	40A		0.00	87.0	100.0	87.00
07-May-90	9004248	24A		0.00	88.0	100.0	88.00
07-May-90	9004248	38A		0.00	90.0	100.0	90.00
07-May-90	9004218	04A		0.00	79.0	100.0	79.00
07-May-90	9004248	26A		0.00	87.0	100.0	87.00
07-May-90	9004248	36A		0.00	88.0	100.0	88.00
07-May-90	9004218	06A		0.00	82.0	100.0	82.00
07-May-90	9004248	34A		0.00	89.0	100.0	89.00
07-May-90	9004218	08A		0.00	90.0	100.0	90.00

NC: Not Calculable

TABLE 4. DETAILED LISTING OF SPIKE RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Date	Lab ID	Lab Fraction	Flag	Sample Result	Spiked Sample Result	Spike Added	% Recovery
Method: ICP 25 element scan							
Matrix: Groundwater							
Spiked Analyte = Iron							
Type of Spike = Analytical Spike. continued							
07-May-90	9004234	12A		0.00	84.0	100.0	84.00
07-May-90	9004248	32A		0.00	88.0	100.0	88.00
07-May-90	9004218	10A		0.00	86.0	100.0	86.00
07-May-90	9004248	30A		0.00	87.0	100.0	87.00
07-May-90	9004234	10A		0.00	85.0	100.0	85.00
07-May-90	9004248	16A		0.00	86.0	100.0	86.00
07-May-90	9004248	18A		0.00	81.0	100.0	81.00
07-May-90	9004248	20A		0.00	83.0	100.0	83.00
07-May-90	9004248	53A		0.00	88.0	100.0	88.00
07-May-90	9004234	18A		0.00	86.0	100.0	86.00
07-May-90	9004248	22A		0.00	89.0	100.0	89.00
07-May-90	9004234	16A		0.00	85.0	100.0	85.00
08-May-90	9004179	10A		0.00	92.0	100.0	92.00
11-May-90	9004308	13A		0.00	85.0	100.0	85.00
11-May-90	9004290	22A		0.00	86.0	100.0	86.00
11-May-90	9004308	15A		0.00	85.0	100.0	85.00
11-May-90	9004290	14A		0.00	84.0	100.0	84.00
11-May-90	9004308	07A		0.00	86.0	100.0	86.00
11-May-90	9004290	18A		0.00	85.0	100.0	85.00
11-May-90	9004290	10A		0.00	87.0	100.0	87.00
11-May-90	9004308	09A		0.00	87.0	100.0	87.00
11-May-90	9004308	11A		0.00	85.0	100.0	85.00
11-May-90	9004290	20A		0.00	86.0	100.0	86.00
11-May-90	9004290	12A		0.00	84.0	100.0	84.00
11-May-90	9004308	05A		0.00	84.0	100.0	84.00
14-May-90	9004276	26A		0.00	84.0	100.0	84.00
14-May-90	9004276	14A		0.00	85.0	100.0	85.00
14-May-90	9004276	20A		0.00	86.0	100.0	86.00
14-May-90	9004276	28A		0.00	86.0	100.0	86.00
14-May-90	9004276	18A		0.00	84.0	100.0	84.00
14-May-90	9004276	16A		0.00	85.0	100.0	85.00
14-May-90	9004276	22A		0.00	85.0	100.0	85.00
14-May-90	9004276	30A		0.00	85.0	100.0	85.00
14-May-90	9004276	38A		0.00	88.0	100.0	88.00
14-May-90	9004276	24A		0.00	84.0	100.0	84.00
14-May-90	9004276	32A		0.00	84.0	100.0	84.00

NC: Not Calculable

TABLE 4. DETAILED LISTING OF SPIKE RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Date	Lab ID	Lab Fraction	Flag	Sample Result	Spiked Sample Result	Spike Added	% Recovery
Method: ICP 25 element scan							
Matrix: Groundwater							
Spiked Analyte = Iron							
Type of Spike = Analytical Spike. continued							
14-May-90	9004276	40A		0.00	87.0	100.0	87.00
14-May-90	9004276	34A		0.00	86.0	100.0	86.00
14-May-90	9004276	36A		0.00	88.0	100.0	88.00
15-May-90	9005001	29A		0.00	90.0	100.0	90.00
15-May-90	9005001	31A		0.00	89.0	100.0	89.00
15-May-90	9005001	33A		0.00	93.0	100.0	93.00
15-May-90	9005001	39A		0.00	89.0	100.0	89.00
15-May-90	9005001	27A		0.00	85.0	100.0	85.00
15-May-90	9005001	17A		0.00	89.0	100.0	89.00
15-May-90	9005001	37A		0.00	89.0	100.0	89.00
15-May-90	9005001	25A		0.00	85.0	100.0	85.00
15-May-90	9005001	21A		0.00	84.0	100.0	84.00
15-May-90	9005001	19A		0.00	89.0	100.0	89.00
16-May-90	9005012	28A		0.00	84.0	100.0	84.00
16-May-90	9005012	32A		0.00	84.0	100.0	84.00
16-May-90	9005012	34A		0.00	85.0	100.0	85.00
16-May-90	9005012	36A		0.00	85.0	100.0	85.00
16-May-90	9005012	22A		0.00	85.0	100.0	85.00
16-May-90	9005012	24A		0.00	83.0	100.0	83.00
16-May-90	9005012	20A		0.00	79.0	100.0	79.00
16-May-90	9005012	16A		0.00	85.0	100.0	85.00
18-May-90	9005065	36A		0.00	87.0	100.0	87.00
18-May-90	9005065	26A		0.00	87.0	100.0	87.00
18-May-90	9005065	20A		0.00	88.0	100.0	88.00
18-May-90	9005065	30A		0.00	87.0	100.0	87.00
18-May-90	9005065	16A		0.00	89.0	100.0	89.00
18-May-90	9005065	18A		0.00	86.0	100.0	86.00
18-May-90	9005065	14A		0.00	89.0	100.0	89.00
18-May-90	9005065	28A		0.00	86.0	100.0	86.00
18-May-90	9005065	24A		0.00	87.0	100.0	87.00
18-May-90	9005065	32A		0.00	87.0	100.0	87.00
29-May-90	9005103	39A		0.00	84.0	100.0	84.00
29-May-90	9005114	46A		0.00	84.0	100.0	84.00
29-May-90	9005114	20A		0.00	77.0	100.0	77.00
29-May-90	9005114	52A		0.00	83.0	100.0	83.00
29-May-90	9005114	30A		0.00	84.0	100.0	84.00

NC: Not Calculable

TABLE 4. DETAILED LISTING OF SPIKE RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Date	Lab ID	Lab Fraction	Flag	Sample Result	Spiked Sample Result	Spike Added	% Recovery
Method: ICP 25 element scan							
Matrix: Groundwater							
Spiked Analyte = Iron							
Type of Spike = Analytical Spike. continued							
29-May-90	9005114	48A		0.00	84.0	100.0	84.00
29-May-90	9005114	38A		0.00	85.0	100.0	85.00
29-May-90	9005103	41A		0.00	81.0	100.0	81.00
29-May-90	9005103	37A		0.00	86.0	100.0	86.00
29-May-90	9005103	43A		0.00	81.0	100.0	81.00
29-May-90	9005114	24A		0.00	87.0	100.0	87.00
29-May-90	9005114	26A		0.00	83.0	100.0	83.00
29-May-90	9005114	34A		0.00	82.0	100.0	82.00
29-May-90	9005103	35A		0.00	84.0	100.0	84.00
29-May-90	9005114	44A		0.00	88.0	100.0	88.00
29-May-90	9005114	54A		0.00	86.0	100.0	86.00
29-May-90	9005114	42A		0.00	84.0	100.0	84.00
29-May-90	9005114	28A		0.00	88.0	100.0	88.00
29-May-90	9005103	45A		0.00	84.0	100.0	84.00
29-May-90	9005114	36A		0.00	85.0	100.0	85.00
30-May-90	9005105	10A		0.00	79.0	100.0	79.00
30-May-90	9005105	20A		0.00	82.0	100.0	82.00
30-May-90	9005105	12A		0.00	80.0	100.0	80.00
30-May-90	9005105	18A		0.00	80.0	100.0	80.00
30-May-90	9005105	16A		0.00	81.0	100.0	81.00
01-Jun-90	9005141	15A		0.00	86.0	100.0	86.00
01-Jun-90	9005141	09A		0.00	92.0	100.0	92.00
01-Jun-90	9005141	17A		0.00	88.0	100.0	88.00
01-Jun-90	9005141	29A		0.00	89.0	100.0	89.00
01-Jun-90	9005141	21A		0.00	89.0	100.0	89.00
01-Jun-90	9005141	19A		0.00	88.0	100.0	88.00
01-Jun-90	9005141	13A		0.00	88.0	100.0	88.00
01-Jun-90	9005141	35A		0.00	85.0	100.0	85.00
01-Jun-90	9005141	33A		0.00	90.0	100.0	90.00
01-Jun-90	9005141	31A		0.00	90.0	100.0	90.00
01-Jun-90	9005141	25A		0.00	91.0	100.0	91.00
01-Jun-90	9005141	39A		0.00	86.0	100.0	86.00
01-Jun-90	9005141	37A		0.00	90.0	100.0	90.00
01-Jun-90	9005141	11A		0.00	89.0	100.0	89.00
01-Jun-90	9005141	23A		0.00	89.0	100.0	89.00
01-Jun-90	9005141	27A		0.00	91.0	100.0	91.00

NC: Not Calculable

TABLE 4. DETAILED LISTING OF SPIKE RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Date	Lab ID	Lab Fraction	Flag	Sample Result	Spiked Sample Result	Spike Added	% Recovery
Method: ICP 25 element scan							
Matrix: Groundwater							
Spiked Analyte = Iron							
Type of Spike = Analytical Spike. continued							
05-Jun-90	9005105	14A		0.00	81.0	100.0	81.00
Type of Spike = Matrix Spike.							
11-May-90	9004290	13A		0.00	78.0	100.0	78.00
11-May-90	9004290	11A		0.00	85.0	100.0	85.00
11-May-90	9004290	21A		0.00	96.0	100.0	96.00
11-May-90	9004290	19A		0.00	87.0	100.0	87.00
14-May-90	9004276	15A		0.00	123.0	100.0	123.00
14-May-90	9004276	17A		0.00	131.0	100.0	131.00
14-May-90	9004276	29A		0.00	95.0	100.0	95.00
14-May-90	9004276	31A		0.00	97.0	100.0	97.00
16-May-90	9005012	15A		0.00	74.0	100.0	74.00
16-May-90	9005012	29A		0.00	84.0	100.0	84.00
16-May-90	9005012	30A		0.00	83.0	100.0	83.00
16-May-90	9005012	18A		0.00	84.0	100.0	84.00
16-May-90	9005012	14A		0.00	101.0	100.0	101.00
16-May-90	9005012	26A		0.00	92.0	100.0	92.00
16-May-90	9005012	17A		0.00	84.0	100.0	84.00
16-May-90	9005012	27A		0.00	90.0	100.0	90.00
29-May-90	9005103	38A		0.00	98.0	100.0	98.00
29-May-90	9005103	36A		0.00	97.0	100.0	97.00
30-May-90	9005105	11A		0.00	86.0	100.0	86.00
05-Jun-90	9005105	13A		0.00	100.0	100.0	100.00

Number of Samples = 164
Mean % Recovery = 87
Standard Deviation = 6.22

Below acceptance = 1
Above acceptance = 1
Acceptance Criteria 75.00 - 125.00

NC: Not Calculable

TABLE 4. DETAILED LISTING OF SPIKE RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Date	Lab ID	Lab Fraction	Flag	Sample Result	Spiked Sample Result	Spike Added	% Recovery
Method: ICP 25 element scan							
Matrix: Groundwater							
Spiked Analyte = Lead							
Type of Spike = Analytical Spike.							
02-May-90	9004168	18A		0.00	80.0	100.0	80.00
02-May-90	9004168	24A		0.00	76.0	100.0	76.00
02-May-90	9004168	20A		0.00	82.0	100.0	82.00
02-May-90	9004179	11A		0.00	88.0	100.0	88.00
02-May-90	9004179	13A		0.00	87.0	100.0	87.00
02-May-90	9004168	19A		0.00	84.0	100.0	84.00
02-May-90	9004179	23A		0.00	86.0	100.0	86.00
02-May-90	9004168	21A		0.00	87.0	100.0	87.00
02-May-90	9004179	15A		0.00	86.0	100.0	86.00
02-May-90	9004168	23A		0.00	84.0	100.0	84.00
02-May-90	9004179	19A		0.00	91.0	100.0	91.00
02-May-90	9004179	21A		0.00	88.0	100.0	88.00
02-May-90	9004179	17A		0.00	92.0	100.0	92.00
02-May-90	9004168	22A		0.00	90.0	100.0	90.00
02-May-90	9004168	25A		0.00	85.0	100.0	85.00
03-May-90	9004195	14A		0.00	95.0	100.0	95.00
03-May-90	9004195	26A		0.00	85.0	100.0	85.00
03-May-90	9004195	18A		0.00	93.0	100.0	93.00
03-May-90	9004195	28A		0.00	89.0	100.0	89.00
03-May-90	9004195	30A		0.00	88.0	100.0	88.00
03-May-90	9004195	16A		0.00	97.0	100.0	97.00
03-May-90	9004195	24A		0.00	84.0	100.0	84.00
03-May-90	9004195	22A		0.00	91.0	100.0	91.00
03-May-90	9004195	12A		0.00	98.0	100.0	98.00
03-May-90	9004195	20A		0.00	92.0	100.0	92.00
07-May-90	9004248	24A		0.00	79.0	100.0	79.00
07-May-90	9004218	08A		0.00	86.0	100.0	86.00
07-May-90	9004234	12A		0.00	84.0	100.0	84.00
07-May-90	9004248	26A		0.00	76.0	100.0	76.00
07-May-90	9004218	06A		0.00	84.0	100.0	84.00
07-May-90	9004248	18A		0.00	80.0	100.0	80.00
07-May-90	9004218	10A		0.00	78.0	100.0	78.00
07-May-90	9004248	36A		0.00	85.0	100.0	85.00
07-May-90	9004218	04A		0.00	80.0	100.0	80.00
07-May-90	9004248	16A		0.00	83.0	100.0	83.00

NC: Not Calculable

TABLE 4. DETAILED LISTING OF SPIKE RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Date	Lab ID	Lab Fraction	Flag	Sample Result	Spiked Sample Result	Spike Added	% Recovery
Method: ICP 25 element scan							
Matrix: Groundwater							
Spiked Analyte = Lead							
Type of Spike = Analytical Spike. continued							
07-May-90	9004248	22A		0.00	79.0	100.0	79.00
07-May-90	9004248	30A		0.00	79.0	100.0	79.00
07-May-90	9004248	20A		0.00	82.0	100.0	82.00
07-May-90	9004248	42A		0.00	82.0	100.0	82.00
07-May-90	9004234	10A		0.00	78.0	100.0	78.00
07-May-90	9004248	40A		0.00	81.0	100.0	81.00
07-May-90	9004248	32A		0.00	79.0	100.0	79.00
07-May-90	9004234	16A		0.00	82.0	100.0	82.00
07-May-90	9004248	53A		0.00	80.0	100.0	80.00
07-May-90	9004248	38A		0.00	82.0	100.0	82.00
07-May-90	9004234	18A		0.00	86.0	100.0	86.00
07-May-90	9004248	34A		0.00	79.0	100.0	79.00
08-May-90	9004179	10A		0.00	91.0	100.0	91.00
11-May-90	9004308	09A		0.00	85.0	100.0	85.00
11-May-90	9004290	14A		0.00	77.0	100.0	77.00
11-May-90	9004308	05A		0.00	83.0	100.0	83.00
11-May-90	9004308	15A		0.00	85.0	100.0	85.00
11-May-90	9004308	11A		0.00	81.0	100.0	81.00
11-May-90	9004290	22A		0.00	79.0	100.0	79.00
11-May-90	9004290	18A		0.00	83.0	100.0	83.00
11-May-90	9004308	13A		0.00	82.0	100.0	82.00
11-May-90	9004290	20A		0.00	79.0	100.0	79.00
11-May-90	9004290	10A		0.00	83.0	100.0	83.00
11-May-90	9004308	07A		0.00	83.0	100.0	83.00
11-May-90	9004290	12A		0.00	83.0	100.0	83.00
14-May-90	9004276	38A		0.00	80.0	100.0	80.00
14-May-90	9004276	24A		0.00	82.0	100.0	82.00
14-May-90	9004276	26A		0.00	79.0	100.0	79.00
14-May-90	9004276	14A		0.00	77.0	100.0	77.00
14-May-90	9004276	22A		0.00	82.0	100.0	82.00
14-May-90	9004276	18A		0.00	84.0	100.0	84.00
14-May-90	9004276	28A		0.00	80.0	100.0	80.00
14-May-90	9004276	36A		0.00	84.0	100.0	84.00
14-May-90	9004276	34A		0.00	83.0	100.0	83.00
14-May-90	9004276	32A		0.00	82.0	100.0	82.00
14-May-90	9004276	16A		0.00	79.0	100.0	79.00

NC: Not Calculable

TABLE 4. DETAILED LISTING OF SPIKE RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Date	Lab ID	Lab Fraction	Flag	Sample Result	Spiked Sample Result	Spike Added	% Recovery
Method: ICP 25 element scan							
Matrix: Groundwater							
Spiked Analyte = Lead							
Type of Spike = Analytical Spike. continued							
14-May-90	9004276	20A		0.00	79.0	100.0	79.00
14-May-90	9004276	40A		0.00	75.0	100.0	75.00
14-May-90	9004276	30A		0.00	80.0	100.0	80.00
15-May-90	9005001	39A		0.00	86.0	100.0	86.00
15-May-90	9005001	25A		0.00	88.0	100.0	88.00
15-May-90	9005001	33A		0.00	88.0	100.0	88.00
15-May-90	9005001	31A		0.00	85.0	100.0	85.00
15-May-90	9005001	17A		0.00	86.0	100.0	86.00
15-May-90	9005001	19A		0.00	86.0	100.0	86.00
15-May-90	9005001	27A		0.00	84.0	100.0	84.00
15-May-90	9005001	21A		0.00	83.0	100.0	83.00
15-May-90	9005001	37A		0.00	82.0	100.0	82.00
15-May-90	9005001	29A		0.00	83.0	100.0	83.00
16-May-90	9005012	22A		0.00	100.0	100.0	100.00
16-May-90	9005012	16A		0.00	79.0	100.0	79.00
16-May-90	9005012	36A		0.00	76.0	100.0	76.00
16-May-90	9005012	28A		0.00	80.0	100.0	80.00
16-May-90	9005012	32A		0.00	79.0	100.0	79.00
16-May-90	9005012	24A		0.00	78.0	100.0	78.00
16-May-90	9005012	34A		0.00	79.0	100.0	79.00
16-May-90	9005012	20A		0.00	75.0	100.0	75.00
18-May-90	9005065	28A		0.00	83.0	100.0	83.00
18-May-90	9005065	16A		0.00	84.0	100.0	84.00
18-May-90	9005065	20A		0.00	83.0	100.0	83.00
18-May-90	9005065	18A		0.00	83.0	100.0	83.00
18-May-90	9005065	26A		0.00	81.0	100.0	81.00
18-May-90	9005065	14A		0.00	85.0	100.0	85.00
18-May-90	9005065	24A		0.00	87.0	100.0	87.00
18-May-90	9005065	32A		0.00	85.0	100.0	85.00
18-May-90	9005065	36A		0.00	86.0	100.0	86.00
18-May-90	9005065	30A		0.00	84.0	100.0	84.00
29-May-90	9005103	35A		0.00	86.0	100.0	86.00
29-May-90	9005114	38A		0.00	81.0	100.0	81.00
29-May-90	9005114	44A		0.00	76.0	100.0	76.00
29-May-90	9005114	54A		0.00	84.0	100.0	84.00
29-May-90	9005114	36A		0.00	86.0	100.0	86.00

NC: Not Calculable

TABLE 4. DETAILED LISTING OF SPIKE RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Date	Lab ID	Lab Fraction	Flag	Sample Result	Spiked Sample Result	Spike Added	% Recovery
Method: ICP 25 element scan							
Matrix: Groundwater							
Spiked Analyte = Lead							
Type of Spike = Analytical Spike. continued							
29-May-90	9005114	28A		0.00	81.0	100.0	81.00
29-May-90	9005114	20A		0.00	88.0	100.0	88.00
29-May-90	9005103	45A		0.00	82.0	100.0	82.00
29-May-90	9005114	26A		0.00	83.0	100.0	83.00
29-May-90	9005114	48A		0.00	79.0	100.0	79.00
29-May-90	9005103	41A		0.00	91.0	100.0	91.00
29-May-90	9005114	46A		0.00	83.0	100.0	83.00
29-May-90	9005114	34A		0.00	90.0	100.0	90.00
29-May-90	9005114	30A		0.00	90.0	100.0	90.00
29-May-90	9005114	24A		0.00	87.0	100.0	87.00
29-May-90	9005114	42A		0.00	83.0	100.0	83.00
29-May-90	9005103	39A		0.00	91.0	100.0	91.00
29-May-90	9005114	52A		0.00	77.0	100.0	77.00
29-May-90	9005103	43A		0.00	77.0	100.0	77.00
29-May-90	9005103	37A		0.00	86.0	100.0	86.00
30-May-90	9005105	10A		0.00	83.0	100.0	83.00
30-May-90	9005105	18A		0.00	79.0	100.0	79.00
30-May-90	9005105	20A		0.00	82.0	100.0	82.00
30-May-90	9005105	16A		0.00	80.0	100.0	80.00
30-May-90	9005105	12A		0.00	80.0	100.0	80.00
01-Jun-90	9005141	39A		0.00	82.0	100.0	82.00
01-Jun-90	9005141	09A		0.00	89.0	100.0	89.00
01-Jun-90	9005141	23A		0.00	82.0	100.0	82.00
01-Jun-90	9005141	37A		0.00	80.0	100.0	80.00
01-Jun-90	9005141	17A		0.00	85.0	100.0	85.00
01-Jun-90	9005141	13A		0.00	78.0	100.0	78.00
01-Jun-90	9005141	31A		0.00	83.0	100.0	83.00
01-Jun-90	9005141	15A		0.00	81.0	100.0	81.00
01-Jun-90	9005141	25A		0.00	87.0	100.0	87.00
01-Jun-90	9005141	19A		0.00	88.0	100.0	88.00
01-Jun-90	9005141	21A		0.00	82.0	100.0	82.00
01-Jun-90	9005141	35A		0.00	91.0	100.0	91.00
01-Jun-90	9005141	11A		0.00	89.0	100.0	89.00
01-Jun-90	9005141	33A		0.00	80.0	100.0	80.00
01-Jun-90	9005141	27A		0.00	89.0	100.0	89.00
01-Jun-90	9005141	29A		0.00	82.0	100.0	82.00

NC: Not Calculable

TABLE 4. DETAILED LISTING OF SPIKE RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Date	Lab ID	Lab Fraction	Flag	Sample Result	Spiked Sample Result	Spike Added	% Recovery
Method: ICP 25 element scan							
Matrix: Groundwater							
Spiked Analyte = Lead							
Type of Spike = Analytical Spike. continued							
05-Jun-90	9005105	14A		0.00	80.0	100.0	80.00
Type of Spike = Matrix Spike.							
11-May-90	9004290	11A		0.00	90.0	100.0	90.00
11-May-90	9004290	13A		0.00	102.0	100.0	102.00
11-May-90	9004290	21A		0.00	98.0	100.0	98.00
11-May-90	9004290	19A		0.00	94.0	100.0	94.00
14-May-90	9004276	17A		0.00	86.0	100.0	86.00
14-May-90	9004276	31A		0.00	94.0	100.0	94.00
14-May-90	9004276	15A		0.00	89.0	100.0	89.00
14-May-90	9004276	29A		0.00	93.0	100.0	93.00
16-May-90	9005012	17A		0.00	85.0	100.0	85.00
16-May-90	9005012	18A		0.00	77.0	100.0	77.00
16-May-90	9005012	27A		0.00	88.0	100.0	88.00
16-May-90	9005012	26A		0.00	90.0	100.0	90.00
16-May-90	9005012	14A		0.00	81.0	100.0	81.00
16-May-90	9005012	30A		0.00	80.0	100.0	80.00
16-May-90	9005012	15A		0.00	87.0	100.0	87.00
16-May-90	9005012	29A		0.00	78.0	100.0	78.00
29-May-90	9005103	38A		0.00	93.0	100.0	93.00
29-May-90	9005103	36A		0.00	92.0	100.0	92.00
30-May-90	9005105	11A		0.00	91.0	100.0	91.00
05-Jun-90	9005105	13A		0.00	92.0	100.0	92.00

Number of Samples = 164
Mean % Recovery = 84
Standard Deviation = 5.21

Below acceptance = 0
Above acceptance = 0
Acceptance Criteria 75.00 - 125.00

NC: Not Calculable

TABLE 4. DETAILED LISTING OF SPIKE RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Date	Lab ID	Lab Fraction	Flag	Sample Result	Spiked Sample Result	Spike Added	% Recovery
Method: ICP 25 element scan							
Matrix: Groundwater							
Spiked Analyte = Magnesium							
Type of Spike = Analytical Spike.							
02-May-90	9004168	25A		0.00	93.0	100.0	93.00
02-May-90	9004179	17A		0.00	96.0	100.0	96.00
02-May-90	9004179	13A		0.00	90.0	100.0	90.00
02-May-90	9004168	24A		0.00	92.0	100.0	92.00
02-May-90	9004179	23A		0.00	92.0	100.0	92.00
02-May-90	9004179	15A		0.00	92.0	100.0	92.00
02-May-90	9004168	18A		0.00	88.0	100.0	88.00
02-May-90	9004168	20A		0.00	88.0	100.0	88.00
02-May-90	9004179	21A		0.00	97.0	100.0	97.00
02-May-90	9004168	19A		0.00	89.0	100.0	89.00
02-May-90	9004168	23A		0.00	94.0	100.0	94.00
02-May-90	9004168	21A		0.00	92.0	100.0	92.00
02-May-90	9004179	19A		0.00	96.0	100.0	96.00
02-May-90	9004168	22A		0.00	76.0	100.0	76.00
02-May-90	9004179	11A		0.00	90.0	100.0	90.00
03-May-90	9004195	12A		0.00	94.0	100.0	94.00
03-May-90	9004195	16A		0.00	99.0	100.0	99.00
03-May-90	9004195	20A		0.00	93.0	100.0	93.00
03-May-90	9004195	28A		0.00	97.0	100.0	97.00
03-May-90	9004195	18A		0.00	96.0	100.0	96.00
03-May-90	9004195	24A		0.00	99.0	100.0	99.00
03-May-90	9004195	14A		0.00	95.0	100.0	95.00
03-May-90	9004195	30A		0.00	96.0	100.0	96.00
03-May-90	9004195	26A		0.00	100.0	100.0	100.00
03-May-90	9004195	22A		0.00	96.0	100.0	96.00
07-May-90	9004234	18A		0.00	87.0	100.0	87.00
07-May-90	9004248	36A		0.00	90.0	100.0	90.00
07-May-90	9004234	10A		0.00	87.0	100.0	87.00
07-May-90	9004248	16A		0.00	90.0	100.0	90.00
07-May-90	9004234	16A		0.00	86.0	100.0	86.00
07-May-90	9004218	04A		0.00	85.0	100.0	85.00
07-May-90	9004248	32A		0.00	91.0	100.0	91.00
07-May-90	9004248	53A		0.00	91.0	100.0	91.00
07-May-90	9004248	38A		0.00	92.0	100.0	92.00
07-May-90	9004248	34A		0.00	91.0	100.0	91.00

NC: Not Calculable

TABLE 4. DETAILED LISTING OF SPIKE RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Date	Lab ID	Lab Fraction	Flag	Sample Result	Spiked Sample Result	Spike Added	% Recovery
Method: ICP 25 element scan							
Matrix: Groundwater							
Spiked Analyte = Magnesium							
Type of Spike = Analytical Spike. continued							
07-May-90	9004218	10A		0.00	87.0	100.0	87.00
07-May-90	9004248	42A		0.00	88.0	100.0	88.00
07-May-90	9004248	18A		0.00	88.0	100.0	88.00
07-May-90	9004248	22A		0.00	91.0	100.0	91.00
07-May-90	9004248	24A		0.00	90.0	100.0	90.00
07-May-90	9004248	26A		0.00	90.0	100.0	90.00
07-May-90	9004248	30A		0.00	91.0	100.0	91.00
07-May-90	9004248	20A		0.00	90.0	100.0	90.00
07-May-90	9004218	08A		0.00	90.0	100.0	90.00
07-May-90	9004234	12A		0.00	86.0	100.0	86.00
07-May-90	9004248	40A		0.00	89.0	100.0	89.00
07-May-90	9004218	06A		0.00	86.0	100.0	86.00
08-May-90	9004179	10A		0.00	92.0	100.0	92.00
11-May-90	9004290	18A		0.00	89.0	100.0	89.00
11-May-90	9004308	07A		0.00	89.0	100.0	89.00
11-May-90	9004308	09A		0.00	90.0	100.0	90.00
11-May-90	9004290	10A		0.00	90.0	100.0	90.00
11-May-90	9004290	14A		0.00	89.0	100.0	89.00
11-May-90	9004290	12A		0.00	88.0	100.0	88.00
11-May-90	9004308	13A		0.00	88.0	100.0	88.00
11-May-90	9004290	22A		0.00	89.0	100.0	89.00
11-May-90	9004308	11A		0.00	88.0	100.0	88.00
11-May-90	9004308	05A		0.00	88.0	100.0	88.00
11-May-90	9004290	20A		0.00	89.0	100.0	89.00
11-May-90	9004308	15A		0.00	89.0	100.0	89.00
14-May-90	9004276	38A		0.00	91.0	100.0	91.00
14-May-90	9004276	16A		0.00	90.0	100.0	90.00
14-May-90	9004276	18A		0.00	89.0	100.0	89.00
14-May-90	9004276	32A		0.00	88.0	100.0	88.00
14-May-90	9004276	34A		0.00	89.0	100.0	89.00
14-May-90	9004276	36A		0.00	90.0	100.0	90.00
14-May-90	9004276	40A		0.00	90.0	100.0	90.00
14-May-90	9004276	20A		0.00	90.0	100.0	90.00
14-May-90	9004276	22A		0.00	90.0	100.0	90.00
14-May-90	9004276	24A		0.00	90.0	100.0	90.00
14-May-90	9004276	26A		0.00	89.0	100.0	89.00

NC: Not Calculable

TABLE 4. DETAILED LISTING OF SPIKE RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Date	Lab ID	Lab Fraction	Flag	Sample Result	Spiked Sample Result	Spike Added	% Recovery
Method: ICP 25 element scan							
Matrix: Groundwater							
Spiked Analyte = Magnesium							
Type of Spike = Analytical Spike. continued							
14-May-90	9004276	28A		0.00	88.0	100.0	88.00
14-May-90	9004276	30A		0.00	88.0	100.0	88.00
14-May-90	9004276	14A		0.00	90.0	100.0	90.00
15-May-90	9005001	27A		0.00	91.0	100.0	91.00
15-May-90	9005001	33A		0.00	76.0	100.0	76.00
15-May-90	9005001	29A		0.00	92.0	100.0	92.00
15-May-90	9005001	39A		0.00	92.0	100.0	92.00
15-May-90	9005001	21A		0.00	91.0	100.0	91.00
15-May-90	9005001	25A		0.00	92.0	100.0	92.00
15-May-90	9005001	19A		0.00	92.0	100.0	92.00
15-May-90	9005001	31A		0.00	92.0	100.0	92.00
15-May-90	9005001	37A		0.00	92.0	100.0	92.00
15-May-90	9005001	17A		0.00	92.0	100.0	92.00
16-May-90	9005012	36A		0.00	88.0	100.0	88.00
16-May-90	9005012	32A		0.00	86.0	100.0	86.00
16-May-90	9005012	28A		0.00	87.0	100.0	87.00
16-May-90	9005012	34A		0.00	88.0	100.0	88.00
16-May-90	9005012	16A		0.00	88.0	100.0	88.00
16-May-90	9005012	24A		0.00	87.0	100.0	87.00
16-May-90	9005012	22A		0.00	88.0	100.0	88.00
16-May-90	9005012	20A		0.00	87.0	100.0	87.00
18-May-90	9005065	26A		0.00	88.0	100.0	88.00
18-May-90	9005065	16A		0.00	91.0	100.0	91.00
18-May-90	9005065	28A		0.00	88.0	100.0	88.00
18-May-90	9005065	20A		0.00	90.0	100.0	90.00
18-May-90	9005065	30A		0.00	89.0	100.0	89.00
18-May-90	9005065	14A		0.00	92.0	100.0	92.00
18-May-90	9005065	36A		0.00	88.0	100.0	88.00
18-May-90	9005065	32A		0.00	88.0	100.0	88.00
18-May-90	9005065	24A		0.00	89.0	100.0	89.00
18-May-90	9005065	18A		0.00	92.0	100.0	92.00
29-May-90	9005114	38A		0.00	89.0	100.0	89.00
29-May-90	9005114	44A		0.00	93.0	100.0	93.00
29-May-90	9005103	39A		0.00	92.0	100.0	92.00
29-May-90	9005114	34A		0.00	91.0	100.0	91.00
29-May-90	9005114	52A		0.00	89.0	100.0	89.00

NC: Not Calculable

TABLE 4. DETAILED LISTING OF SPIKE RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Date	Lab ID	Lab Fraction	Flag	Sample Result	Spiked Sample Result	Spike Added	% Recovery
Method: ICP 25 element scan							
Matrix: Groundwater							
Spiked Analyte = Magnesium							
Type of Spike = Analytical Spike. continued							
29-May-90	9005114	26A		0.00	90.0	100.0	90.00
29-May-90	9005114	24A		0.00	91.0	100.0	91.00
29-May-90	9005114	54A		0.00	90.0	100.0	90.00
29-May-90	9005114	30A		0.00	90.0	100.0	90.00
29-May-90	9005114	42A		0.00	88.0	100.0	88.00
29-May-90	9005114	28A		0.00	93.0	100.0	93.00
29-May-90	9005103	45A		0.00	91.0	100.0	91.00
29-May-90	9005114	48A		0.00	88.0	100.0	88.00
29-May-90	9005103	41A		0.00	87.0	100.0	87.00
29-May-90	9005114	20A		0.00	89.0	100.0	89.00
29-May-90	9005103	37A		0.00	93.0	100.0	93.00
29-May-90	9005103	43A		0.00	88.0	100.0	88.00
29-May-90	9005114	46A		0.00	89.0	100.0	89.00
29-May-90	9005103	35A		0.00	90.0	100.0	90.00
29-May-90	9005114	36A		0.00	92.0	100.0	92.00
30-May-90	9005105	16A		0.00	83.0	100.0	83.00
30-May-90	9005105	10A		0.00	82.0	100.0	82.00
30-May-90	9005105	18A		0.00	83.0	100.0	83.00
30-May-90	9005105	20A		0.00	84.0	100.0	84.00
30-May-90	9005105	12A		0.00	83.0	100.0	83.00
01-Jun-90	9005141	11A		0.00	92.0	100.0	92.00
01-Jun-90	9005141	31A		0.00	92.0	100.0	92.00
01-Jun-90	9005141	27A		0.00	94.0	100.0	94.00
01-Jun-90	9005141	13A		0.00	92.0	100.0	92.00
01-Jun-90	9005141	17A		0.00	93.0	100.0	93.00
01-Jun-90	9005141	29A		0.00	93.0	100.0	93.00
01-Jun-90	9005141	33A		0.00	93.0	100.0	93.00
01-Jun-90	9005141	25A		0.00	93.0	100.0	93.00
01-Jun-90	9005141	19A		0.00	92.0	100.0	92.00
01-Jun-90	9005141	15A		0.00	91.0	100.0	91.00
01-Jun-90	9005141	39A		0.00	88.0	100.0	88.00
01-Jun-90	9005141	35A		0.00	89.0	100.0	89.00
01-Jun-90	9005141	09A		0.00	93.0	100.0	93.00
01-Jun-90	9005141	37A		0.00	92.0	100.0	92.00
01-Jun-90	9005141	21A		0.00	92.0	100.0	92.00
01-Jun-90	9005141	23A		0.00	91.0	100.0	91.00

NC: Not Calculable

TABLE 4. DETAILED LISTING OF SPIKE RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Date	Lab ID	Lab Fraction	Flag	Sample Result	Spiked Sample Result	Spike Added	% Recovery
Method: ICP 25 element scan							
Matrix: Groundwater							
Spiked Analyte = Magnesium							
Type of Spike = Analytical Spike. continued							
05-Jun-90	9005105	14A		0.00	88.0	100.0	88.00
Type of Spike = Matrix Spike.							
11-May-90	9004290	11A		0.00	90.0	100.0	90.00
11-May-90	9004290	21A		0.00	99.0	100.0	99.00
11-May-90	9004290	13A		0.00	84.0	100.0	84.00
11-May-90	9004290	19A		0.00	83.0	100.0	83.00
14-May-90	9004276	31A		0.00	99.0	100.0	99.00
14-May-90	9004276	15A		0.00	108.0	100.0	108.00
14-May-90	9004276	29A		0.00	96.0	100.0	96.00
14-May-90	9004276	17A		0.00	108.0	100.0	108.00
16-May-90	9005012	30A		0.00	86.0	100.0	86.00
16-May-90	9005012	27A		0.00	92.0	100.0	92.00
16-May-90	9005012	26A		0.00	95.0	100.0	95.00
16-May-90	9005012	14A		0.00	93.0	100.0	93.00
16-May-90	9005012	29A		0.00	87.0	100.0	87.00
16-May-90	9005012	17A		0.00	88.0	100.0	88.00
16-May-90	9005012	18A		0.00	89.0	100.0	89.00
16-May-90	9005012	15A		0.00	89.0	100.0	89.00
29-May-90	9005103	36A		0.00	88.0	100.0	88.00
29-May-90	9005103	38A		0.00	90.0	100.0	90.00
30-May-90	9005105	11A		0.00	86.0	100.0	86.00
05-Jun-90	9005105	13A		0.00	108.0	100.0	108.00

Number of Samples = 164
Mean % Recovery = 90
Standard Deviation = 4.31

Below acceptance = 0
Above acceptance = 0
Acceptance Criteria 75.00 - 125.00

NC: Not Calculable

TABLE 4. DETAILED LISTING OF SPIKE RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Date	Lab ID	Lab Fraction	Flag	Sample Result	Spiked Sample Result	Spike Added	% Recovery
Method: ICP 25 element scan							
Matrix: Groundwater							
Spiked Analyte = Manganese							
Type of Spike = Analytical Spike.							
02-May-90	9004179	23A		0.00	92.0	100.0	92.00
02-May-90	9004168	24A		0.00	78.0	100.0	78.00
02-May-90	9004179	19A		0.00	92.0	100.0	92.00
02-May-90	9004168	22A		0.00	76.0	100.0	76.00
02-May-90	9004179	17A		0.00	94.0	100.0	94.00
02-May-90	9004179	15A		0.00	87.0	100.0	87.00
02-May-90	9004168	21A		0.00	98.0	100.0	98.00
02-May-90	9004179	21A		0.00	88.0	100.0	88.00
02-May-90	9004168	23A		0.00	87.0	100.0	87.00
02-May-90	9004168	25A		0.00	90.0	100.0	90.00
02-May-90	9004179	13A		0.00	91.0	100.0	91.00
02-May-90	9004168	19A		0.00	86.0	100.0	86.00
02-May-90	9004179	11A		0.00	92.0	100.0	92.00
02-May-90	9004168	20A		0.00	85.0	100.0	85.00
02-May-90	9004168	18A		0.00	84.0	100.0	84.00
03-May-90	9004195	14A		0.00	99.0	100.0	99.00
03-May-90	9004195	24A		0.00	89.0	100.0	89.00
03-May-90	9004195	16A		0.00	96.0	100.0	96.00
03-May-90	9004195	18A		0.00	97.0	100.0	97.00
03-May-90	9004195	20A		0.00	90.0	100.0	90.00
03-May-90	9004195	12A		0.00	100.0	100.0	100.00
03-May-90	9004195	28A		0.00	94.0	100.0	94.00
03-May-90	9004195	22A		0.00	95.0	100.0	95.00
03-May-90	9004195	26A		0.00	89.0	100.0	89.00
03-May-90	9004195	30A		0.00	94.0	100.0	94.00
07-May-90	9004248	38A		0.00	84.0	100.0	84.00
07-May-90	9004218	06A		0.00	87.0	100.0	87.00
07-May-90	9004248	18A		0.00	83.0	100.0	83.00
07-May-90	9004248	34A		0.00	84.0	100.0	84.00
07-May-90	9004218	08A		0.00	87.0	100.0	87.00
07-May-90	9004234	12A		0.00	85.0	100.0	85.00
07-May-90	9004218	10A		0.00	84.0	100.0	84.00
07-May-90	9004234	10A		0.00	82.0	100.0	82.00
07-May-90	9004248	22A		0.00	84.0	100.0	84.00
07-May-90	9004248	26A		0.00	83.0	100.0	83.00

NC: Not Calculable

TABLE 4. DETAILED LISTING OF SPIKE RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Date	Lab ID	Lab Fraction	Flag	Sample Result	Spiked Sample Result	Spike Added	% Recovery
Method: ICP 25 element scan							
Matrix: Groundwater							
Spiked Analyte = Manganese							
Type of Spike = Analytical Spike. continued							
07-May-90	9004218	04A		0.00	80.0	100.0	80.00
07-May-90	9004248	36A		0.00	85.0	100.0	85.00
07-May-90	9004248	32A		0.00	83.0	100.0	83.00
07-May-90	9004248	53A		0.00	82.0	100.0	82.00
07-May-90	9004248	20A		0.00	83.0	100.0	83.00
07-May-90	9004248	24A		0.00	83.0	100.0	83.00
07-May-90	9004248	40A		0.00	84.0	100.0	84.00
07-May-90	9004234	18A		0.00	86.0	100.0	86.00
07-May-90	9004248	42A		0.00	85.0	100.0	85.00
07-May-90	9004234	16A		0.00	85.0	100.0	85.00
07-May-90	9004248	16A		0.00	84.0	100.0	84.00
07-May-90	9004248	30A		0.00	79.0	100.0	79.00
08-May-90	9004179	10A		0.00	88.0	100.0	88.00
11-May-90	9004290	20A		0.00	83.0	100.0	83.00
11-May-90	9004290	10A		0.00	85.0	100.0	85.00
11-May-90	9004290	18A		0.00	84.0	100.0	84.00
11-May-90	9004308	15A		0.00	84.0	100.0	84.00
11-May-90	9004290	14A		0.00	84.0	100.0	84.00
11-May-90	9004308	11A		0.00	84.0	100.0	84.00
11-May-90	9004308	05A		0.00	84.0	100.0	84.00
11-May-90	9004308	07A		0.00	86.0	100.0	86.00
11-May-90	9004290	22A		0.00	85.0	100.0	85.00
11-May-90	9004308	13A		0.00	84.0	100.0	84.00
11-May-90	9004308	09A		0.00	86.0	100.0	86.00
11-May-90	9004290	12A		0.00	82.0	100.0	82.00
14-May-90	9004276	26A		0.00	83.0	100.0	83.00
14-May-90	9004276	22A		0.00	84.0	100.0	84.00
14-May-90	9004276	18A		0.00	83.0	100.0	83.00
14-May-90	9004276	38A		0.00	85.0	100.0	85.00
14-May-90	9004276	40A		0.00	84.0	100.0	84.00
14-May-90	9004276	30A		0.00	83.0	100.0	83.00
14-May-90	9004276	14A		0.00	84.0	100.0	84.00
14-May-90	9004276	16A		0.00	83.0	100.0	83.00
14-May-90	9004276	24A		0.00	84.0	100.0	84.00
14-May-90	9004276	34A		0.00	86.0	100.0	86.00
14-May-90	9004276	20A		0.00	84.0	100.0	84.00

NC: Not Calculable

TABLE 4. DETAILED LISTING OF SPIKE RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Date	Lab ID	Lab Fraction	Flag	Sample Result	Spiked Sample Result	Spike Added	% Recovery
Method: ICP 25 element scan							
Matrix: Groundwater							
Spiked Analyte = Manganese							
Type of Spike = Analytical Spike. continued							
14-May-90	9004276	36A		0.00	88.0	100.0	88.00
14-May-90	9004276	32A		0.00	81.0	100.0	81.00
14-May-90	9004276	28A		0.00	84.0	100.0	84.00
15-May-90	9005001	31A		0.00	86.0	100.0	86.00
15-May-90	9005001	39A		0.00	88.0	100.0	88.00
15-May-90	9005001	37A		0.00	88.0	100.0	88.00
15-May-90	9005001	21A		0.00	81.0	100.0	81.00
15-May-90	9005001	27A		0.00	87.0	100.0	87.00
15-May-90	9005001	25A		0.00	88.0	100.0	88.00
15-May-90	9005001	33A		0.00	83.0	100.0	83.00
15-May-90	9005001	17A		0.00	88.0	100.0	88.00
15-May-90	9005001	29A		0.00	87.0	100.0	87.00
15-May-90	9005001	19A		0.00	87.0	100.0	87.00
16-May-90	9005012	24A		0.00	77.0	100.0	77.00
16-May-90	9005012	22A		0.00	82.0	100.0	82.00
16-May-90	9005012	16A		0.00	83.0	100.0	83.00
16-May-90	9005012	36A		0.00	80.0	100.0	80.00
16-May-90	9005012	20A		0.00	78.0	100.0	78.00
16-May-90	9005012	28A		0.00	80.0	100.0	80.00
16-May-90	9005012	34A		0.00	84.0	100.0	84.00
16-May-90	9005012	32A		0.00	82.0	100.0	82.00
18-May-90	9005065	32A		0.00	86.0	100.0	86.00
18-May-90	9005065	26A		0.00	86.0	100.0	86.00
18-May-90	9005065	18A		0.00	78.0	100.0	78.00
18-May-90	9005065	16A		0.00	85.0	100.0	85.00
18-May-90	9005065	14A		0.00	86.0	100.0	86.00
18-May-90	9005065	20A		0.00	86.0	100.0	86.00
18-May-90	9005065	30A		0.00	83.0	100.0	83.00
18-May-90	9005065	36A		0.00	85.0	100.0	85.00
18-May-90	9005065	28A		0.00	85.0	100.0	85.00
18-May-90	9005065	24A		0.00	86.0	100.0	86.00
29-May-90	9005114	20A		0.00	81.0	100.0	81.00
29-May-90	9005103	45A		0.00	80.0	100.0	80.00
29-May-90	9005114	42A		0.00	80.0	100.0	80.00
29-May-90	9005103	41A		0.00	82.0	100.0	82.00
29-May-90	9005114	30A		0.00	82.0	100.0	82.00

NC: Not Calculable

TABLE 4. DETAILED LISTING OF SPIKE RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Method: ICP 25 element scan
Matrix: Groundwater
Spiked Analyte = Manganese
Type of Spike = Analytical Spike. continued

Date	Lab ID	Lab Fraction	Flag	Sample Result	Spiked Sample Result	Spike Added	% Recovery
29-May-90	9005114	36A		0.00	80.0	100.0	80.00
29-May-90	9005114	52A		0.00	79.0	100.0	79.00
29-May-90	9005114	54A		0.00	79.0	100.0	79.00
29-May-90	9005114	34A		0.00	83.0	100.0	83.00
29-May-90	9005114	44A		0.00	84.0	100.0	84.00
29-May-90	9005114	48A		0.00	83.0	100.0	83.00
29-May-90	9005103	35A		0.00	84.0	100.0	84.00
29-May-90	9005103	39A		0.00	84.0	100.0	84.00
29-May-90	9005103	37A		0.00	85.0	100.0	85.00
29-May-90	9005114	38A		0.00	83.0	100.0	83.00
29-May-90	9005114	26A		0.00	85.0	100.0	85.00
29-May-90	9005103	43A		0.00	78.0	100.0	78.00
29-May-90	9005114	46A		0.00	85.0	100.0	85.00
29-May-90	9005114	28A		0.00	86.0	100.0	86.00
29-May-90	9005114	24A		0.00	86.0	100.0	86.00
30-May-90	9005105	16A		0.00	81.0	100.0	81.00
30-May-90	9005105	12A		0.00	79.0	100.0	79.00
30-May-90	9005105	10A		0.00	81.0	100.0	81.00
30-May-90	9005105	20A		0.00	82.0	100.0	82.00
30-May-90	9005105	18A		0.00	79.0	100.0	79.00
01-Jun-90	9005141	19A		0.00	76.0	100.0	76.00
01-Jun-90	9005141	39A		0.00	88.0	100.0	88.00
01-Jun-90	9005141	29A		0.00	88.0	100.0	88.00
01-Jun-90	9005141	27A		0.00	90.0	100.0	90.00
01-Jun-90	9005141	33A		0.00	89.0	100.0	89.00
01-Jun-90	9005141	35A		0.00	86.0	100.0	86.00
01-Jun-90	9005141	21A		0.00	87.0	100.0	87.00
01-Jun-90	9005141	15A		0.00	86.0	100.0	86.00
01-Jun-90	9005141	09A		0.00	87.0	100.0	87.00
01-Jun-90	9005141	37A		0.00	89.0	100.0	89.00
01-Jun-90	9005141	13A		0.00	86.0	100.0	86.00
01-Jun-90	9005141	31A		0.00	89.0	100.0	89.00
01-Jun-90	9005141	25A		0.00	89.0	100.0	89.00
01-Jun-90	9005141	11A		0.00	87.0	100.0	87.00
01-Jun-90	9005141	17A		0.00	87.0	100.0	87.00
01-Jun-90	9005141	23A		0.00	88.0	100.0	88.00

NC: Not Calculable

TABLE 4. DETAILED LISTING OF SPIKE RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Date	Lab ID	Lab Fraction	Flag	Sample Result	Spiked Sample Result	Spike Added	% Recovery
Method: ICP 25 element scan							
Matrix: Groundwater							
Spiked Analyte = Manganese							
Type of Spike = Analytical Spike. continued							
05-Jun-90	9005105	14A		0.00	77.0	100.0	77.00
Type of Spike = Matrix Spike.							
11-May-90	9004290	13A		0.00	95.0	100.0	95.00
11-May-90	9004290	21A		0.00	97.0	100.0	97.00
11-May-90	9004290	11A		0.00	87.0	100.0	87.00
11-May-90	9004290	19A		0.00	91.0	100.0	91.00
14-May-90	9004276	15A		0.00	94.0	100.0	94.00
14-May-90	9004276	31A		0.00	96.0	100.0	96.00
14-May-90	9004276	29A		0.00	95.0	100.0	95.00
14-May-90	9004276	17A		0.00	94.0	100.0	94.00
16-May-90	9005012	26A		0.00	94.0	100.0	94.00
16-May-90	9005012	14A		0.00	96.0	100.0	96.00
16-May-90	9005012	18A		0.00	81.0	100.0	81.00
16-May-90	9005012	15A		0.00	84.0	100.0	84.00
16-May-90	9005012	27A		0.00	91.0	100.0	91.00
16-May-90	9005012	30A		0.00	80.0	100.0	80.00
16-May-90	9005012	29A		0.00	81.0	100.0	81.00
16-May-90	9005012	17A		0.00	82.0	100.0	82.00
29-May-90	9005103	36A		0.00	88.0	100.0	88.00
29-May-90	9005103	38A		0.00	90.0	100.0	90.00
30-May-90	9005105	11A		0.00	91.0	100.0	91.00
05-Jun-90	9005105	13A		0.00	94.0	100.0	94.00

Number of Samples = 164
Mean % Recovery = 85
Standard Deviation = 4.82

Below acceptance = 0
Above acceptance = 0
Acceptance Criteria 75.00 - 125.00

NC: Not Calculable

TABLE 4. DETAILED LISTING OF SPIKE RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Date	Lab ID	Lab Fraction	Flag	Sample Result	Spiked Sample Result	Spike Added	% Recovery
Method: ICP 25 element scan							
Matrix: Groundwater							
Spiked Analyte = Molybdenum							
Type of Spike = Analytical Spike.							
02-May-90	9004168	20A		0.00	87.0	100.0	87.00
02-May-90	9004168	21A		0.00	94.0	100.0	94.00
02-May-90	9004168	23A		0.00	86.0	100.0	86.00
02-May-90	9004168	25A		0.00	91.0	100.0	91.00
02-May-90	9004168	24A		0.00	79.0	100.0	79.00
02-May-90	9004179	23A		0.00	93.0	100.0	93.00
02-May-90	9004168	19A		0.00	86.0	100.0	86.00
02-May-90	9004179	21A		0.00	90.0	100.0	90.00
02-May-90	9004179	17A		0.00	95.0	100.0	95.00
02-May-90	9004179	13A		0.00	92.0	100.0	92.00
02-May-90	9004179	11A		0.00	94.0	100.0	94.00
02-May-90	9004179	15A		0.00	88.0	100.0	88.00
02-May-90	9004168	18A		0.00	86.0	100.0	86.00
02-May-90	9004168	22A		0.00	77.0	100.0	77.00
02-May-90	9004179	19A		0.00	93.0	100.0	93.00
03-May-90	9004195	20A		0.00	90.0	100.0	90.00
03-May-90	9004195	26A		0.00	88.0	100.0	88.00
03-May-90	9004195	28A		0.00	94.0	100.0	94.00
03-May-90	9004195	24A		0.00	89.0	100.0	89.00
03-May-90	9004195	22A		0.00	94.0	100.0	94.00
03-May-90	9004195	12A		0.00	99.0	100.0	99.00
03-May-90	9004195	30A		0.00	94.0	100.0	94.00
03-May-90	9004195	16A		0.00	96.0	100.0	96.00
03-May-90	9004195	14A		0.00	99.0	100.0	99.00
03-May-90	9004195	18A		0.00	97.0	100.0	97.00
07-May-90	9004248	26A		0.00	83.0	100.0	83.00
07-May-90	9004248	22A		0.00	84.0	100.0	84.00
07-May-90	9004248	40A		0.00	85.0	100.0	85.00
07-May-90	9004218	06A		0.00	86.0	100.0	86.00
07-May-90	9004248	16A		0.00	85.0	100.0	85.00
07-May-90	9004248	24A		0.00	84.0	100.0	84.00
07-May-90	9004248	36A		0.00	86.0	100.0	86.00
07-May-90	9004248	53A		0.00	86.0	100.0	86.00
07-May-90	9004248	38A		0.00	86.0	100.0	86.00
07-May-90	9004248	32A		0.00	84.0	100.0	84.00

NC: Not Calculable

TABLE 4. DETAILED LISTING OF SPIKE RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Date	Lab ID	Lab Fraction	Flag	Sample Result	Spiked Sample Result	Spike Added	% Recovery
Method: ICP 25 element scan							
Matrix: Groundwater							
Spiked Analyte = Molybdenum							
Type of Spike = Analytical Spike. continued							
07-May-90	9004248	42A		0.00	86.0	100.0	86.00
07-May-90	9004218	04A		0.00	80.0	100.0	80.00
07-May-90	9004248	18A		0.00	83.0	100.0	83.00
07-May-90	9004218	08A		0.00	85.0	100.0	85.00
07-May-90	9004234	12A		0.00	85.0	100.0	85.00
07-May-90	9004248	30A		0.00	84.0	100.0	84.00
07-May-90	9004248	34A		0.00	84.0	100.0	84.00
07-May-90	9004234	10A		0.00	82.0	100.0	82.00
07-May-90	9004248	20A		0.00	85.0	100.0	85.00
07-May-90	9004218	10A		0.00	82.0	100.0	82.00
07-May-90	9004234	16A		0.00	84.0	100.0	84.00
07-May-90	9004234	18A		0.00	84.0	100.0	84.00
08-May-90	9004179	10A		0.00	99.0	100.0	99.00
11-May-90	9004308	07A		0.00	86.0	100.0	86.00
11-May-90	9004308	05A		0.00	85.0	100.0	85.00
11-May-90	9004290	10A		0.00	84.0	100.0	84.00
11-May-90	9004290	12A		0.00	82.0	100.0	82.00
11-May-90	9004308	09A		0.00	85.0	100.0	85.00
11-May-90	9004308	15A		0.00	84.0	100.0	84.00
11-May-90	9004290	20A		0.00	82.0	100.0	82.00
11-May-90	9004308	11A		0.00	83.0	100.0	83.00
11-May-90	9004290	14A		0.00	83.0	100.0	83.00
11-May-90	9004308	13A		0.00	85.0	100.0	85.00
11-May-90	9004290	18A		0.00	84.0	100.0	84.00
11-May-90	9004290	22A		0.00	82.0	100.0	82.00
14-May-90	9004276	14A		0.00	85.0	100.0	85.00
14-May-90	9004276	28A		0.00	85.0	100.0	85.00
14-May-90	9004276	32A		0.00	82.0	100.0	82.00
14-May-90	9004276	16A		0.00	84.0	100.0	84.00
14-May-90	9004276	34A		0.00	88.0	100.0	88.00
14-May-90	9004276	22A		0.00	86.0	100.0	86.00
14-May-90	9004276	36A		0.00	89.0	100.0	89.00
14-May-90	9004276	38A		0.00	85.0	100.0	85.00
14-May-90	9004276	20A		0.00	85.0	100.0	85.00
14-May-90	9004276	40A		0.00	86.0	100.0	86.00
14-May-90	9004276	26A		0.00	85.0	100.0	85.00

NC: Not Calculable

TABLE 4. DETAILED LISTING OF SPIKE RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Date	Lab ID	Lab Fraction	Flag	Sample Result	Spiked Sample Result	Spike Added	% Recovery
Method: ICP 25 element scan							
Matrix: Groundwater							
Spiked Analyte = Molybdenum							
Type of Spike = Analytical Spike. continued							
14-May-90	9004276	18A		0.00	84.0	100.0	84.00
14-May-90	9004276	30A		0.00	84.0	100.0	84.00
14-May-90	9004276	24A		0.00	85.0	100.0	85.00
15-May-90	9005001	37A		0.00	84.0	100.0	84.00
15-May-90	9005001	39A		0.00	86.0	100.0	86.00
15-May-90	9005001	21A		0.00	84.0	100.0	84.00
15-May-90	9005001	31A		0.00	86.0	100.0	86.00
15-May-90	9005001	25A		0.00	86.0	100.0	86.00
15-May-90	9005001	19A		0.00	86.0	100.0	86.00
15-May-90	9005001	33A		0.00	86.0	100.0	86.00
15-May-90	9005001	27A		0.00	84.0	100.0	84.00
15-May-90	9005001	17A		0.00	86.0	100.0	86.00
15-May-90	9005001	29A		0.00	83.0	100.0	83.00
16-May-90	9005012	24A		0.00	83.0	100.0	83.00
16-May-90	9005012	36A		0.00	86.0	100.0	86.00
16-May-90	9005012	28A		0.00	84.0	100.0	84.00
16-May-90	9005012	20A		0.00	82.0	100.0	82.00
16-May-90	9005012	16A		0.00	84.0	100.0	84.00
16-May-90	9005012	32A		0.00	84.0	100.0	84.00
16-May-90	9005012	34A		0.00	84.0	100.0	84.00
16-May-90	9005012	22A		0.00	82.0	100.0	82.00
18-May-90	9005065	28A		0.00	88.0	100.0	88.00
18-May-90	9005065	30A		0.00	88.0	100.0	88.00
18-May-90	9005065	16A		0.00	88.0	100.0	88.00
18-May-90	9005065	18A		0.00	88.0	100.0	88.00
18-May-90	9005065	24A		0.00	88.0	100.0	88.00
18-May-90	9005065	32A		0.00	89.0	100.0	89.00
18-May-90	9005065	36A		0.00	88.0	100.0	88.00
18-May-90	9005065	14A		0.00	88.0	100.0	88.00
18-May-90	9005065	26A		0.00	88.0	100.0	88.00
18-May-90	9005065	20A		0.00	89.0	100.0	89.00
29-May-90	9005114	28A		0.00	86.0	100.0	86.00
29-May-90	9005114	20A		0.00	85.0	100.0	85.00
29-May-90	9005103	43A		0.00	83.0	100.0	83.00
29-May-90	9005114	44A		0.00	86.0	100.0	86.00
29-May-90	9005114	34A		0.00	87.0	100.0	87.00

NC: Not Calculable

TABLE 4. DETAILED LISTING OF SPIKE RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Date	Lab ID	Lab Fraction	Flag	Sample Result	Spiked Sample Result	Spike Added	% Recovery
Method: ICP 25 element scan							
Matrix: Groundwater							
Spiked Analyte = Molybdenum							
Type of Spike = Analytical Spike. continued							
29-May-90	9005114	52A		0.00	83.0	100.0	83.00
29-May-90	9005103	35A		0.00	85.0	100.0	85.00
29-May-90	9005103	45A		0.00	84.0	100.0	84.00
29-May-90	9005114	24A		0.00	89.0	100.0	89.00
29-May-90	9005114	48A		0.00	84.0	100.0	84.00
29-May-90	9005114	46A		0.00	86.0	100.0	86.00
29-May-90	9005103	39A		0.00	87.0	100.0	87.00
29-May-90	9005114	30A		0.00	85.0	100.0	85.00
29-May-90	9005114	42A		0.00	84.0	100.0	84.00
29-May-90	9005114	26A		0.00	87.0	100.0	87.00
29-May-90	9005114	36A		0.00	88.0	100.0	88.00
29-May-90	9005114	54A		0.00	85.0	100.0	85.00
29-May-90	9005114	38A		0.00	85.0	100.0	85.00
29-May-90	9005103	37A		0.00	85.0	100.0	85.00
29-May-90	9005103	41A		0.00	86.0	100.0	86.00
30-May-90	9005105	18A		0.00	83.0	100.0	83.00
30-May-90	9005105	20A		0.00	84.0	100.0	84.00
30-May-90	9005105	16A		0.00	84.0	100.0	84.00
30-May-90	9005105	10A		0.00	82.0	100.0	82.00
30-May-90	9005105	12A		0.00	81.0	100.0	81.00
01-Jun-90	9005141	09A		0.00	91.0	100.0	91.00
01-Jun-90	9005141	31A		0.00	90.0	100.0	90.00
01-Jun-90	9005141	13A		0.00	90.0	100.0	90.00
01-Jun-90	9005141	37A		0.00	90.0	100.0	90.00
01-Jun-90	9005141	19A		0.00	82.0	100.0	82.00
01-Jun-90	9005141	35A		0.00	89.0	100.0	89.00
01-Jun-90	9005141	39A		0.00	89.0	100.0	89.00
01-Jun-90	9005141	17A		0.00	90.0	100.0	90.00
01-Jun-90	9005141	25A		0.00	89.0	100.0	89.00
01-Jun-90	9005141	21A		0.00	90.0	100.0	90.00
01-Jun-90	9005141	33A		0.00	90.0	100.0	90.00
01-Jun-90	9005141	29A		0.00	90.0	100.0	90.00
01-Jun-90	9005141	11A		0.00	91.0	100.0	91.00
01-Jun-90	9005141	15A		0.00	89.0	100.0	89.00
01-Jun-90	9005141	23A		0.00	90.0	100.0	90.00
01-Jun-90	9005141	27A		0.00	90.0	100.0	90.00

NC: Not Calculable

TABLE 4. DETAILED LISTING OF SPIKE RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Date	Lab ID	Lab Fraction	Flag	Sample Result	Spiked Sample Result	Spike Added	% Recovery
Method: ICP 25 element scan							
Matrix: Groundwater							
Spiked Analyte = Molybdenum							
Type of Spike = Analytical Spike. continued							
05-Jun-90	9005105	14A		0.00	82.0	100.0	82.00
Type of Spike = Matrix Spike.							
11-May-90	9004290	19A		0.00	89.0	100.0	89.00
11-May-90	9004290	21A		0.00	96.0	100.0	96.00
11-May-90	9004290	11A		0.00	86.0	100.0	86.00
11-May-90	9004290	13A		0.00	96.0	100.0	96.00
14-May-90	9004276	17A		0.00	90.0	100.0	90.00
14-May-90	9004276	31A		0.00	98.0	100.0	98.00
14-May-90	9004276	15A		0.00	89.0	100.0	89.00
14-May-90	9004276	29A		0.00	97.0	100.0	97.00
16-May-90	9005012	18A		0.00	84.0	100.0	84.00
16-May-90	9005012	26A		0.00	93.0	100.0	93.00
16-May-90	9005012	17A		0.00	84.0	100.0	84.00
16-May-90	9005012	14A		0.00	88.0	100.0	88.00
16-May-90	9005012	30A		0.00	84.0	100.0	84.00
16-May-90	9005012	27A		0.00	93.0	100.0	93.00
16-May-90	9005012	29A		0.00	84.0	100.0	84.00
16-May-90	9005012	15A		0.00	88.0	100.0	88.00
29-May-90	9005103	36A		0.00	93.0	100.0	93.00
29-May-90	9005103	38A		0.00	91.0	100.0	91.00
30-May-90	9005105	11A		0.00	94.0	100.0	94.00
05-Jun-90	9005105	13A		0.00	96.0	100.0	96.00

Number of Samples = 164
Mean % Recovery = 87
Standard Deviation = 4.21

Below acceptance = 0
Above acceptance = 0
Acceptance Criteria 75.00 - 125.00

NC: Not Calculable

TABLE 4. DETAILED LISTING OF SPIKE RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Date	Lab ID	Lab Fraction	Flag	Sample Result	Spiked Sample Result	Spike Added	% Recovery
Method: ICP 25 element scan							
Matrix: Groundwater							
Spiked Analyte = Nickel							
Type of Spike = Analytical Spike.							
02-May-90	9004168	18A		0.00	83.0	100.0	83.00
02-May-90	9004168	20A		0.00	83.0	100.0	83.00
02-May-90	9004168	25A		0.00	90.0	100.0	90.00
02-May-90	9004168	24A		0.00	79.0	100.0	79.00
02-May-90	9004179	19A		0.00	92.0	100.0	92.00
02-May-90	9004168	19A		0.00	85.0	100.0	85.00
02-May-90	9004168	23A		0.00	86.0	100.0	86.00
02-May-90	9004179	15A		0.00	85.0	100.0	85.00
02-May-90	9004179	21A		0.00	89.0	100.0	89.00
02-May-90	9004179	23A		0.00	92.0	100.0	92.00
02-May-90	9004168	22A		0.00	75.0	100.0	75.00
02-May-90	9004179	17A		0.00	95.0	100.0	95.00
02-May-90	9004168	21A		0.00	94.0	100.0	94.00
02-May-90	9004179	13A		0.00	90.0	100.0	90.00
02-May-90	9004179	11A		0.00	94.0	100.0	94.00
03-May-90	9004195	22A		0.00	96.0	100.0	96.00
03-May-90	9004195	26A		0.00	87.0	100.0	87.00
03-May-90	9004195	20A		0.00	89.0	100.0	89.00
03-May-90	9004195	12A		0.00	100.0	100.0	100.00
03-May-90	9004195	28A		0.00	94.0	100.0	94.00
03-May-90	9004195	16A		0.00	96.0	100.0	96.00
03-May-90	9004195	30A		0.00	93.0	100.0	93.00
03-May-90	9004195	14A		0.00	97.0	100.0	97.00
03-May-90	9004195	18A		0.00	98.0	100.0	98.00
03-May-90	9004195	24A		0.00	88.0	100.0	88.00
07-May-90	9004248	42A		0.00	84.0	100.0	84.00
07-May-90	9004218	04A		0.00	80.0	100.0	80.00
07-May-90	9004234	16A		0.00	85.0	100.0	85.00
07-May-90	9004248	53A		0.00	84.0	100.0	84.00
07-May-90	9004234	12A		0.00	86.0	100.0	86.00
07-May-90	9004234	18A		0.00	88.0	100.0	88.00
07-May-90	9004218	08A		0.00	88.0	100.0	88.00
07-May-90	9004248	24A		0.00	83.0	100.0	83.00
07-May-90	9004248	40A		0.00	82.0	100.0	82.00
07-May-90	9004248	38A		0.00	84.0	100.0	84.00

NC: Not Calculable

TABLE 4. DETAILED LISTING OF SPIKE RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Date	Lab ID	Lab Fraction	Flag	Sample Result	Spiked Sample Result	Spike Added	% Recovery
Method: ICP 25 element scan							
Matrix: Groundwater							
Spiked Analyte = Nickel							
Type of Spike = Analytical Spike. continued							
07-May-90	9004218	10A		0.00	85.0	100.0	85.00
07-May-90	9004248	20A		0.00	84.0	100.0	84.00
07-May-90	9004248	36A		0.00	85.0	100.0	85.00
07-May-90	9004248	16A		0.00	84.0	100.0	84.00
07-May-90	9004248	34A		0.00	84.0	100.0	84.00
07-May-90	9004248	22A		0.00	84.0	100.0	84.00
07-May-90	9004234	10A		0.00	85.0	100.0	85.00
07-May-90	9004248	18A		0.00	84.0	100.0	84.00
07-May-90	9004248	26A		0.00	81.0	100.0	81.00
07-May-90	9004248	32A		0.00	84.0	100.0	84.00
07-May-90	9004218	06A		0.00	87.0	100.0	87.00
07-May-90	9004248	30A		0.00	83.0	100.0	83.00
08-May-90	9004179	10A		0.00	95.0	100.0	95.00
11-May-90	9004290	10A		0.00	86.0	100.0	86.00
11-May-90	9004308	07A		0.00	86.0	100.0	86.00
11-May-90	9004308	13A		0.00	85.0	100.0	85.00
11-May-90	9004308	11A		0.00	84.0	100.0	84.00
11-May-90	9004308	09A		0.00	87.0	100.0	87.00
11-May-90	9004290	18A		0.00	84.0	100.0	84.00
11-May-90	9004290	20A		0.00	86.0	100.0	86.00
11-May-90	9004290	14A		0.00	81.0	100.0	81.00
11-May-90	9004290	12A		0.00	80.0	100.0	80.00
11-May-90	9004308	15A		0.00	84.0	100.0	84.00
11-May-90	9004308	05A		0.00	85.0	100.0	85.00
11-May-90	9004290	22A		0.00	84.0	100.0	84.00
14-May-90	9004276	34A		0.00	87.0	100.0	87.00
14-May-90	9004276	14A		0.00	83.0	100.0	83.00
14-May-90	9004276	26A		0.00	83.0	100.0	83.00
14-May-90	9004276	22A		0.00	84.0	100.0	84.00
14-May-90	9004276	28A		0.00	83.0	100.0	83.00
14-May-90	9004276	30A		0.00	82.0	100.0	82.00
14-May-90	9004276	40A		0.00	83.0	100.0	83.00
14-May-90	9004276	38A		0.00	86.0	100.0	86.00
14-May-90	9004276	20A		0.00	84.0	100.0	84.00
14-May-90	9004276	16A		0.00	81.0	100.0	81.00
14-May-90	9004276	36A		0.00	87.0	100.0	87.00

NC: Not Calculable

TABLE 4. DETAILED LISTING OF SPIKE RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Date	Lab ID	Lab Fraction	Flag	Sample Result	Spiked Sample Result	Spike Added	% Recovery
Method: ICP 25 element scan							
Matrix: Groundwater							
Spiked Analyte = Nickel							
Type of Spike = Analytical Spike. continued							
14-May-90	9004276	32A		0.00	81.0	100.0	81.00
14-May-90	9004276	24A		0.00	84.0	100.0	84.00
14-May-90	9004276	18A		0.00	82.0	100.0	82.00
15-May-90	9005001	27A		0.00	86.0	100.0	86.00
15-May-90	9005001	17A		0.00	87.0	100.0	87.00
15-May-90	9005001	21A		0.00	85.0	100.0	85.00
15-May-90	9005001	39A		0.00	88.0	100.0	88.00
15-May-90	9005001	19A		0.00	88.0	100.0	88.00
15-May-90	9005001	29A		0.00	86.0	100.0	86.00
15-May-90	9005001	25A		0.00	87.0	100.0	87.00
15-May-90	9005001	37A		0.00	86.0	100.0	86.00
15-May-90	9005001	33A		0.00	88.0	100.0	88.00
15-May-90	9005001	31A		0.00	89.0	100.0	89.00
16-May-90	9005012	24A		0.00	83.0	100.0	83.00
16-May-90	9005012	16A		0.00	82.0	100.0	82.00
16-May-90	9005012	34A		0.00	84.0	100.0	84.00
16-May-90	9005012	20A		0.00	80.0	100.0	80.00
16-May-90	9005012	36A		0.00	84.0	100.0	84.00
16-May-90	9005012	22A		0.00	80.0	100.0	80.00
16-May-90	9005012	32A		0.00	82.0	100.0	82.00
16-May-90	9005012	28A		0.00	83.0	100.0	83.00
18-May-90	9005065	14A		0.00	86.0	100.0	86.00
18-May-90	9005065	36A		0.00	86.0	100.0	86.00
18-May-90	9005065	32A		0.00	87.0	100.0	87.00
18-May-90	9005065	26A		0.00	88.0	100.0	88.00
18-May-90	9005065	24A		0.00	87.0	100.0	87.00
18-May-90	9005065	16A		0.00	86.0	100.0	86.00
18-May-90	9005065	20A		0.00	88.0	100.0	88.00
18-May-90	9005065	30A		0.00	87.0	100.0	87.00
18-May-90	9005065	18A		0.00	85.0	100.0	85.00
18-May-90	9005065	28A		0.00	83.0	100.0	83.00
29-May-90	9005114	54A		0.00	86.0	100.0	86.00
29-May-90	9005114	34A		0.00	87.0	100.0	87.00
29-May-90	9005114	46A		0.00	88.0	100.0	88.00
29-May-90	9005114	26A		0.00	87.0	100.0	87.00
29-May-90	9005114	44A		0.00	84.0	100.0	84.00

NC: Not Calculable

TABLE 4. DETAILED LISTING OF SPIKE RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Date	Lab ID	Lab Fraction	Flag	Sample Result	Spiked Sample Result	Spike Added	% Recovery
Method: ICP 25 element scan							
Matrix: Groundwater							
Spiked Analyte = Nickel							
Type of Spike = Analytical Spike. continued							
29-May-90	9005114	36A		0.00	88.0	100.0	88.00
29-May-90	9005103	37A		0.00	84.0	100.0	84.00
29-May-90	9005103	43A		0.00	82.0	100.0	82.00
29-May-90	9005114	24A		0.00	87.0	100.0	87.00
29-May-90	9005114	52A		0.00	82.0	100.0	82.00
29-May-90	9005103	41A		0.00	86.0	100.0	86.00
29-May-90	9005103	35A		0.00	88.0	100.0	88.00
29-May-90	9005114	20A		0.00	87.0	100.0	87.00
29-May-90	9005103	45A		0.00	84.0	100.0	84.00
29-May-90	9005114	42A		0.00	85.0	100.0	85.00
29-May-90	9005114	38A		0.00	85.0	100.0	85.00
29-May-90	9005114	48A		0.00	85.0	100.0	85.00
29-May-90	9005114	30A		0.00	84.0	100.0	84.00
29-May-90	9005103	39A		0.00	89.0	100.0	89.00
29-May-90	9005114	28A		0.00	86.0	100.0	86.00
30-May-90	9005105	10A		0.00	81.0	100.0	81.00
30-May-90	9005105	16A		0.00	83.0	100.0	83.00
30-May-90	9005105	20A		0.00	82.0	100.0	82.00
30-May-90	9005105	18A		0.00	81.0	100.0	81.00
30-May-90	9005105	12A		0.00	80.0	100.0	80.00
01-Jun-90	9005141	09A		0.00	89.0	100.0	89.00
01-Jun-90	9005141	11A		0.00	89.0	100.0	89.00
01-Jun-90	9005141	27A		0.00	89.0	100.0	89.00
01-Jun-90	9005141	39A		0.00	88.0	100.0	88.00
01-Jun-90	9005141	15A		0.00	88.0	100.0	88.00
01-Jun-90	9005141	31A		0.00	88.0	100.0	88.00
01-Jun-90	9005141	19A		0.00	80.0	100.0	80.00
01-Jun-90	9005141	21A		0.00	86.0	100.0	86.00
01-Jun-90	9005141	33A		0.00	88.0	100.0	88.00
01-Jun-90	9005141	13A		0.00	86.0	100.0	86.00
01-Jun-90	9005141	17A		0.00	85.0	100.0	85.00
01-Jun-90	9005141	25A		0.00	86.0	100.0	86.00
01-Jun-90	9005141	23A		0.00	88.0	100.0	88.00
01-Jun-90	9005141	29A		0.00	88.0	100.0	88.00
01-Jun-90	9005141	37A		0.00	90.0	100.0	90.00
01-Jun-90	9005141	35A		0.00	88.0	100.0	88.00

NC: Not Calculable

TABLE 4. DETAILED LISTING OF SPIKE RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Date	Lab ID	Lab Fraction	Flag	Sample Result	Spiked Sample Result	Spike Added	% Recovery
Method: ICP 25 element scan							
Matrix: Groundwater							
Spiked Analyte = Nickel							
Type of Spike = Analytical Spike. continued							
05-Jun-90	9005105	14A		0.00	80.0	100.0	80.00
Type of Spike = Matrix Spike.							
11-May-90	9004290	19A		0.00	92.0	100.0	92.00
11-May-90	9004290	13A		0.00	99.0	100.0	99.00
11-May-90	9004290	21A		0.00	98.0	100.0	98.00
11-May-90	9004290	11A		0.00	90.0	100.0	90.00
14-May-90	9004276	17A		0.00	91.0	100.0	91.00
14-May-90	9004276	29A		0.00	98.0	100.0	98.00
14-May-90	9004276	31A		0.00	96.0	100.0	96.00
14-May-90	9004276	15A		0.00	92.0	100.0	92.00
16-May-90	9005012	27A		0.00	92.0	100.0	92.00
16-May-90	9005012	15A		0.00	84.0	100.0	84.00
16-May-90	9005012	26A		0.00	92.0	100.0	92.00
16-May-90	9005012	30A		0.00	79.0	100.0	79.00
16-May-90	9005012	29A		0.00	82.0	100.0	82.00
16-May-90	9005012	18A		0.00	83.0	100.0	83.00
16-May-90	9005012	17A		0.00	82.0	100.0	82.00
16-May-90	9005012	14A		0.00	85.0	100.0	85.00
29-May-90	9005103	38A		0.00	92.0	100.0	92.00
29-May-90	9005103	36A		0.00	95.0	100.0	95.00
30-May-90	9005105	11A		0.00	91.0	100.0	91.00
05-Jun-90	9005105	13A		0.00	92.0	100.0	92.00

Number of Samples = 164
Mean % Recovery = 86
Standard Deviation = 4.45

Below acceptance = 0
Above acceptance = 0
Acceptance Criteria 75.00 - 125.00

NC: Not Calculable

TABLE 4. DETAILED LISTING OF SPIKE RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Date	Lab ID	Lab Fraction	Flag	Sample Result	Spiked Sample Result	Spike Added	% Recovery
Method: ICP 25 element scan							
Matrix: Groundwater							
Spiked Analyte = Potassium							
Type of Spike = Analytical Spike.							
02-May-90	9004168	23A		0.00	88.0	100.0	88.00
02-May-90	9004168	20A		0.00	89.0	100.0	89.00
02-May-90	9004168	24A		0.00	76.0	100.0	76.00
02-May-90	9004168	22A		0.00	78.0	100.0	78.00
02-May-90	9004179	11A		0.00	92.0	100.0	92.00
02-May-90	9004168	18A		0.00	90.0	100.0	90.00
02-May-90	9004168	19A		0.00	91.0	100.0	91.00
02-May-90	9004179	21A		0.00	95.0	100.0	95.00
02-May-90	9004168	25A		0.00	94.0	100.0	94.00
02-May-90	9004179	23A		0.00	92.0	100.0	92.00
02-May-90	9004179	13A		0.00	92.0	100.0	92.00
02-May-90	9004179	15A		0.00	95.0	100.0	95.00
02-May-90	9004179	17A		0.00	97.0	100.0	97.00
02-May-90	9004179	19A		0.00	98.0	100.0	98.00
02-May-90	9004168	21A		0.00	89.0	100.0	89.00
03-May-90	9004195	28A		0.00	99.0	100.0	99.00
03-May-90	9004195	24A		0.00	102.0	100.0	102.00
03-May-90	9004195	14A		0.00	95.0	100.0	95.00
03-May-90	9004195	26A		0.00	101.0	100.0	101.00
03-May-90	9004195	22A		0.00	95.0	100.0	95.00
03-May-90	9004195	30A		0.00	95.0	100.0	95.00
03-May-90	9004195	12A		0.00	93.0	100.0	93.00
03-May-90	9004195	16A		0.00	103.0	100.0	103.00
03-May-90	9004195	18A		0.00	99.0	100.0	99.00
03-May-90	9004195	20A		0.00	96.0	100.0	96.00
07-May-90	9004248	32A		0.00	91.0	100.0	91.00
07-May-90	9004248	16A		0.00	89.0	100.0	89.00
07-May-90	9004248	34A		0.00	91.0	100.0	91.00
07-May-90	9004248	26A		0.00	89.0	100.0	89.00
07-May-90	9004248	20A		0.00	89.0	100.0	89.00
07-May-90	9004234	16A		0.00	86.0	100.0	86.00
07-May-90	9004248	36A		0.00	91.0	100.0	91.00
07-May-90	9004234	10A		0.00	88.0	100.0	88.00
07-May-90	9004218	10A		0.00	86.0	100.0	86.00
07-May-90	9004248	53A		0.00	89.0	100.0	89.00

NC: Not Calculable

TABLE 4. DETAILED LISTING OF SPIKE RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Date	Lab ID	Lab Fraction	Flag	Sample Result	Spiked Sample Result	Spike Added	% Recovery
Method: ICP 25 element scan							
Matrix: Groundwater							
Spiked Analyte = Potassium							
Type of Spike = Analytical Spike. continued							
07-May-90	9004248	38A		0.00	93.0	100.0	93.00
07-May-90	9004218	06A		0.00	87.0	100.0	87.00
07-May-90	9004248	40A		0.00	89.0	100.0	89.00
07-May-90	9004248	18A		0.00	91.0	100.0	91.00
07-May-90	9004248	22A		0.00	91.0	100.0	91.00
07-May-90	9004218	04A		0.00	86.0	100.0	86.00
07-May-90	9004218	08A		0.00	92.0	100.0	92.00
07-May-90	9004248	42A		0.00	89.0	100.0	89.00
07-May-90	9004234	12A		0.00	87.0	100.0	87.00
07-May-90	9004234	18A		0.00	88.0	100.0	88.00
07-May-90	9004248	30A		0.00	92.0	100.0	92.00
07-May-90	9004248	24A		0.00	90.0	100.0	90.00
08-May-90	9004179	10A		0.00	105.0	100.0	105.00
11-May-90	9004308	11A		0.00	88.0	100.0	88.00
11-May-90	9004308	09A		0.00	89.0	100.0	89.00
11-May-90	9004308	07A		0.00	90.0	100.0	90.00
11-May-90	9004290	10A		0.00	88.0	100.0	88.00
11-May-90	9004290	20A		0.00	86.0	100.0	86.00
11-May-90	9004290	22A		0.00	87.0	100.0	87.00
11-May-90	9004290	18A		0.00	88.0	100.0	88.00
11-May-90	9004290	14A		0.00	89.0	100.0	89.00
11-May-90	9004308	15A		0.00	88.0	100.0	88.00
11-May-90	9004308	13A		0.00	90.0	100.0	90.00
11-May-90	9004290	12A		0.00	89.0	100.0	89.00
11-May-90	9004308	05A		0.00	90.0	100.0	90.00
14-May-90	9004276	28A		0.00	89.0	100.0	89.00
14-May-90	9004276	40A		0.00	89.0	100.0	89.00
14-May-90	9004276	26A		0.00	91.0	100.0	91.00
14-May-90	9004276	38A		0.00	90.0	100.0	90.00
14-May-90	9004276	22A		0.00	90.0	100.0	90.00
14-May-90	9004276	30A		0.00	88.0	100.0	88.00
14-May-90	9004276	34A		0.00	92.0	100.0	92.00
14-May-90	9004276	14A		0.00	91.0	100.0	91.00
14-May-90	9004276	24A		0.00	90.0	100.0	90.00
14-May-90	9004276	20A		0.00	91.0	100.0	91.00
14-May-90	9004276	36A		0.00	90.0	100.0	90.00

NC: Not Calculable

TABLE 4. DETAILED LISTING OF SPIKE RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Date	Lab ID	Lab Fraction	Flag	Sample Result	Spiked Sample Result	Spike Added	% Recovery
Method: ICP 25 element scan							
Matrix: Groundwater							
Spiked Analyte = Potassium							
Type of Spike = Analytical Spike. continued							
14-May-90	9004276	18A		0.00	89.0	100.0	89.00
14-May-90	9004276	16A		0.00	92.0	100.0	92.00
14-May-90	9004276	32A		0.00	89.0	100.0	89.00
15-May-90	9005001	25A		0.00	94.0	100.0	94.00
15-May-90	9005001	37A		0.00	92.0	100.0	92.00
15-May-90	9005001	17A		0.00	93.0	100.0	93.00
15-May-90	9005001	31A		0.00	92.0	100.0	92.00
15-May-90	9005001	39A		0.00	91.0	100.0	91.00
15-May-90	9005001	19A		0.00	93.0	100.0	93.00
15-May-90	9005001	29A		0.00	92.0	100.0	92.00
15-May-90	9005001	27A		0.00	91.0	100.0	91.00
15-May-90	9005001	21A		0.00	92.0	100.0	92.00
15-May-90	9005001	33A		0.00	76.0	100.0	76.00
16-May-90	9005012	28A		0.00	89.0	100.0	89.00
16-May-90	9005012	16A		0.00	90.0	100.0	90.00
16-May-90	9005012	32A		0.00	85.0	100.0	85.00
16-May-90	9005012	20A		0.00	86.0	100.0	86.00
16-May-90	9005012	34A		0.00	89.0	100.0	89.00
16-May-90	9005012	24A		0.00	88.0	100.0	88.00
16-May-90	9005012	22A		0.00	89.0	100.0	89.00
16-May-90	9005012	36A		0.00	87.0	100.0	87.00
18-May-90	9005065	24A		0.00	88.0	100.0	88.00
18-May-90	9005065	36A		0.00	87.0	100.0	87.00
18-May-90	9005065	16A		0.00	94.0	100.0	94.00
18-May-90	9005065	14A		0.00	94.0	100.0	94.00
18-May-90	9005065	32A		0.00	88.0	100.0	88.00
18-May-90	9005065	26A		0.00	86.0	100.0	86.00
18-May-90	9005065	18A		0.00	91.0	100.0	91.00
18-May-90	9005065	30A		0.00	89.0	100.0	89.00
18-May-90	9005065	28A		0.00	89.0	100.0	89.00
18-May-90	9005065	20A		0.00	91.0	100.0	91.00
29-May-90	9005114	52A		0.00	88.0	100.0	88.00
29-May-90	9005103	45A		0.00	90.0	100.0	90.00
29-May-90	9005114	28A		0.00	94.0	100.0	94.00
29-May-90	9005103	43A		0.00	88.0	100.0	88.00
29-May-90	9005103	37A		0.00	94.0	100.0	94.00

NC: Not Calculable

TABLE 4. DETAILED LISTING OF SPIKE RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Date	Lab ID	Lab Fraction	Flag	Sample Result	Spiked Sample Result	Spike Added	% Recovery
Method: ICP 25 element scan							
Matrix: Groundwater							
Spiked Analyte = Potassium							
Type of Spike = Analytical Spike. continued							
29-May-90	9005114	48A		0.00	87.0	100.0	87.00
29-May-90	9005114	38A		0.00	88.0	100.0	88.00
29-May-90	9005114	26A		0.00	89.0	100.0	89.00
29-May-90	9005114	44A		0.00	96.0	100.0	96.00
29-May-90	9005103	41A		0.00	90.0	100.0	90.00
29-May-90	9005114	24A		0.00	84.0	100.0	84.00
29-May-90	9005114	20A		0.00	90.0	100.0	90.00
29-May-90	9005114	54A		0.00	89.0	100.0	89.00
29-May-90	9005114	46A		0.00	88.0	100.0	88.00
29-May-90	9005114	42A		0.00	88.0	100.0	88.00
29-May-90	9005103	35A		0.00	90.0	100.0	90.00
29-May-90	9005114	36A		0.00	89.0	100.0	89.00
29-May-90	9005114	30A		0.00	94.0	100.0	94.00
29-May-90	9005103	39A		0.00	92.0	100.0	92.00
29-May-90	9005114	34A		0.00	88.0	100.0	88.00
30-May-90	9005105	18A		0.00	82.0	100.0	82.00
30-May-90	9005105	20A		0.00	83.0	100.0	83.00
30-May-90	9005105	10A		0.00	82.0	100.0	82.00
30-May-90	9005105	16A		0.00	83.0	100.0	83.00
30-May-90	9005105	12A		0.00	87.0	100.0	87.00
01-Jun-90	9005141	31A		0.00	92.0	100.0	92.00
01-Jun-90	9005141	35A		0.00	89.0	100.0	89.00
01-Jun-90	9005141	13A		0.00	94.0	100.0	94.00
01-Jun-90	9005141	15A		0.00	93.0	100.0	93.00
01-Jun-90	9005141	19A		0.00	93.0	100.0	93.00
01-Jun-90	9005141	33A		0.00	93.0	100.0	93.00
01-Jun-90	9005141	21A		0.00	91.0	100.0	91.00
01-Jun-90	9005141	23A		0.00	91.0	100.0	91.00
01-Jun-90	9005141	11A		0.00	93.0	100.0	93.00
01-Jun-90	9005141	29A		0.00	94.0	100.0	94.00
01-Jun-90	9005141	39A		0.00	89.0	100.0	89.00
01-Jun-90	9005141	17A		0.00	94.0	100.0	94.00
01-Jun-90	9005141	25A		0.00	93.0	100.0	93.00
01-Jun-90	9005141	09A		0.00	93.0	100.0	93.00
01-Jun-90	9005141	27A		0.00	94.0	100.0	94.00
01-Jun-90	9005141	37A		0.00	93.0	100.0	93.00

NC: Not Calculable

TABLE 4. DETAILED LISTING OF SPIKE RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Date	Lab ID	Lab Fraction	Flag	Sample Result	Spiked Sample Result	Spike Added	% Recovery
Method: ICP 25 element scan							
Matrix: Groundwater							
Spiked Analyte = Potassium							
Type of Spike = Analytical Spike. continued							
05-Jun-90	9005105	14A		0.00	89.0	100.0	89.00
Type of Spike = Matrix Spike.							
11-May-90	9004290	11A		0.00	94.0	100.0	94.00
11-May-90	9004290	19A		0.00	92.0	100.0	92.00
11-May-90	9004290	21A		0.00	105.0	100.0	105.00
11-May-90	9004290	13A		0.00	91.0	100.0	91.00
14-May-90	9004276	29A		0.00	109.0	100.0	109.00
14-May-90	9004276	31A		0.00	119.0	100.0	119.00
14-May-90	9004276	17A		0.00	192.0	100.0	192.00
14-May-90	9004276	15A		0.00	184.0	100.0	184.00
16-May-90	9005012	27A		0.00	97.0	100.0	97.00
16-May-90	9005012	26A		0.00	99.0	100.0	99.00
16-May-90	9005012	29A		0.00	89.0	100.0	89.00
16-May-90	9005012	18A		0.00	87.0	100.0	87.00
16-May-90	9005012	17A		0.00	90.0	100.0	90.00
16-May-90	9005012	30A		0.00	88.0	100.0	88.00
16-May-90	9005012	15A		0.00	98.0	100.0	98.00
16-May-90	9005012	14A		0.00	104.0	100.0	104.00
29-May-90	9005103	36A		0.00	103.0	100.0	103.00
29-May-90	9005103	38A		0.00	101.0	100.0	101.00
30-May-90	9005105	11A		0.00	82.0	100.0	82.00
05-Jun-90	9005105	13A		0.00	100.0	100.0	100.00

Number of Samples = 164
Mean % Recovery = 92
Standard Deviation = 11.93

Below acceptance = 0
Above acceptance = 2
Acceptance Criteria 75.00 - 125.00

NC: Not Calculable

TABLE 4. DETAILED LISTING OF SPIKE RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Date	Lab ID	Lab Fraction	Flag	Sample Result	Spiked Sample Result	Spike Added	% Recovery
Method: ICP 25 element scan							
Matrix: Groundwater							
Spiked Analyte = Selenium							
Type of Spike = Analytical Spike.							
02-May-90	9004179	23A		0.00	98.0	100.0	98.00
02-May-90	9004168	22A		0.00	80.0	100.0	80.00
02-May-90	9004168	19A		0.00	90.0	100.0	90.00
02-May-90	9004179	11A		0.00	96.0	100.0	96.00
02-May-90	9004168	18A		0.00	90.0	100.0	90.00
02-May-90	9004179	13A		0.00	94.0	100.0	94.00
02-May-90	9004179	15A		0.00	87.0	100.0	87.00
02-May-90	9004168	25A		0.00	90.0	100.0	90.00
02-May-90	9004179	17A		0.00	99.0	100.0	99.00
02-May-90	9004179	19A		0.00	97.0	100.0	97.00
02-May-90	9004168	24A		0.00	79.0	100.0	79.00
02-May-90	9004179	21A		0.00	93.0	100.0	93.00
02-May-90	9004168	23A		0.00	84.0	100.0	84.00
02-May-90	9004168	20A		0.00	87.0	100.0	87.00
02-May-90	9004168	21A		0.00	100.0	100.0	100.00
03-May-90	9004195	14A		0.00	98.0	100.0	98.00
03-May-90	9004195	22A		0.00	93.0	100.0	93.00
03-May-90	9004195	16A		0.00	100.0	100.0	100.00
03-May-90	9004195	12A		0.00	104.0	100.0	104.00
03-May-90	9004195	28A		0.00	95.0	100.0	95.00
03-May-90	9004195	26A		0.00	90.0	100.0	90.00
03-May-90	9004195	24A		0.00	92.0	100.0	92.00
03-May-90	9004195	20A		0.00	94.0	100.0	94.00
03-May-90	9004195	30A		0.00	96.0	100.0	96.00
03-May-90	9004195	18A		0.00	98.0	100.0	98.00
07-May-90	9004248	26A		0.00	86.0	100.0	86.00
07-May-90	9004248	18A		0.00	85.0	100.0	85.00
07-May-90	9004234	10A		0.00	90.0	100.0	90.00
07-May-90	9004248	22A		0.00	91.0	100.0	91.00
07-May-90	9004218	10A		0.00	86.0	100.0	86.00
07-May-90	9004248	20A		0.00	89.0	100.0	89.00
07-May-90	9004248	24A		0.00	88.0	100.0	88.00
07-May-90	9004248	53A		0.00	85.0	100.0	85.00
07-May-90	9004248	34A		0.00	88.0	100.0	88.00
07-May-90	9004248	16A		0.00	83.0	100.0	83.00

NC: Not Calculable

TABLE 4. DETAILED LISTING OF SPIKE RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Date	Lab ID	Lab Fraction	Flag	Sample Result	Spiked Sample Result	Spike Added	% Recovery
Method: ICP 25 element scan							
Matrix: Groundwater							
Spiked Analyte = Selenium							
Type of Spike = Analytical Spike. continued							
07-May-90	9004218	08A		0.00	90.0	100.0	90.00
07-May-90	9004218	04A		0.00	90.0	100.0	90.00
07-May-90	9004234	16A		0.00	91.0	100.0	91.00
07-May-90	9004248	42A		0.00	90.0	100.0	90.00
07-May-90	9004234	18A		0.00	88.0	100.0	88.00
07-May-90	9004248	38A		0.00	83.0	100.0	83.00
07-May-90	9004218	06A		0.00	93.0	100.0	93.00
07-May-90	9004248	40A		0.00	82.0	100.0	82.00
07-May-90	9004248	30A		0.00	81.0	100.0	81.00
07-May-90	9004248	36A		0.00	88.0	100.0	88.00
07-May-90	9004234	12A		0.00	120.0	100.0	120.00
07-May-90	9004248	32A		0.00	82.0	100.0	82.00
08-May-90	9004179	10A		0.00	98.0	100.0	98.00
11-May-90	9004290	12A		0.00	84.0	100.0	84.00
11-May-90	9004308	13A		0.00	92.0	100.0	92.00
11-May-90	9004290	10A		0.00	91.0	100.0	91.00
11-May-90	9004308	15A		0.00	88.0	100.0	88.00
11-May-90	9004290	22A		0.00	95.0	100.0	95.00
11-May-90	9004290	18A		0.00	88.0	100.0	88.00
11-May-90	9004308	05A		0.00	91.0	100.0	91.00
11-May-90	9004290	20A		0.00	88.0	100.0	88.00
11-May-90	9004308	09A		0.00	93.0	100.0	93.00
11-May-90	9004308	07A		0.00	89.0	100.0	89.00
11-May-90	9004308	11A		0.00	83.0	100.0	83.00
11-May-90	9004290	14A		0.00	88.0	100.0	88.00
14-May-90	9004276	24A		0.00	89.0	100.0	89.00
14-May-90	9004276	40A		0.00	89.0	100.0	89.00
14-May-90	9004276	32A		0.00	82.0	100.0	82.00
14-May-90	9004276	22A		0.00	91.0	100.0	91.00
14-May-90	9004276	38A		0.00	91.0	100.0	91.00
14-May-90	9004276	36A		0.00	91.0	100.0	91.00
14-May-90	9004276	16A		0.00	85.0	100.0	85.00
14-May-90	9004276	14A		0.00	87.0	100.0	87.00
14-May-90	9004276	28A		0.00	91.0	100.0	91.00
14-May-90	9004276	34A		0.00	92.0	100.0	92.00
14-May-90	9004276	26A		0.00	88.0	100.0	88.00

NC: Not Calculable

TABLE 4. DETAILED LISTING OF SPIKE RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Date	Lab ID	Lab Fraction	Flag	Sample Result	Spiked Sample Result	Spike Added	% Recovery
Method: ICP 25 element scan							
Matrix: Groundwater							
Spiked Analyte = Selenium							
Type of Spike = Analytical Spike. continued							
14-May-90	9004276	20A		0.00	91.0	100.0	91.00
14-May-90	9004276	18A		0.00	91.0	100.0	91.00
14-May-90	9004276	30A		0.00	89.0	100.0	89.00
15-May-90	9005001	29A		0.00	92.0	100.0	92.00
15-May-90	9005001	31A		0.00	92.0	100.0	92.00
15-May-90	9005001	37A		0.00	89.0	100.0	89.00
15-May-90	9005001	19A		0.00	94.0	100.0	94.00
15-May-90	9005001	33A		0.00	91.0	100.0	91.00
15-May-90	9005001	17A		0.00	94.0	100.0	94.00
15-May-90	9005001	27A		0.00	92.0	100.0	92.00
15-May-90	9005001	21A		0.00	93.0	100.0	93.00
15-May-90	9005001	39A		0.00	90.0	100.0	90.00
15-May-90	9005001	25A		0.00	92.0	100.0	92.00
16-May-90	9005012	36A		0.00	82.0	100.0	82.00
16-May-90	9005012	28A		0.00	81.0	100.0	81.00
16-May-90	9005012	34A		0.00	85.0	100.0	85.00
16-May-90	9005012	32A		0.00	84.0	100.0	84.00
16-May-90	9005012	22A		0.00	79.0	100.0	79.00
16-May-90	9005012	16A		0.00	84.0	100.0	84.00
16-May-90	9005012	20A		0.00	82.0	100.0	82.00
16-May-90	9005012	24A		0.00	81.0	100.0	81.00
18-May-90	9005065	30A		0.00	91.0	100.0	91.00
18-May-90	9005065	20A		0.00	91.0	100.0	91.00
18-May-90	9005065	28A		0.00	92.0	100.0	92.00
18-May-90	9005065	36A		0.00	89.0	100.0	89.00
18-May-90	9005065	18A		0.00	90.0	100.0	90.00
18-May-90	9005065	26A		0.00	93.0	100.0	93.00
18-May-90	9005065	16A		0.00	96.0	100.0	96.00
18-May-90	9005065	24A		0.00	94.0	100.0	94.00
18-May-90	9005065	32A		0.00	91.0	100.0	91.00
18-May-90	9005065	14A		0.00	91.0	100.0	91.00
29-May-90	9005103	41A		0.00	90.0	100.0	90.00
29-May-90	9005103	39A		0.00	88.0	100.0	88.00
29-May-90	9005114	30A		0.00	93.0	100.0	93.00
29-May-90	9005114	28A		0.00	93.0	100.0	93.00
29-May-90	9005103	43A		0.00	85.0	100.0	85.00

NC: Not Calculable

TABLE 4. DETAILED LISTING OF SPIKE RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Date	Lab ID	Lab Fraction	Flag	Sample Result	Spiked Sample Result	Spike Added	% Recovery
Method: ICP 25 element scan							
Matrix: Groundwater							
Spiked Analyte = Selenium							
Type of Spike = Analytical Spike. continued							
29-May-90	9005114	36A		0.00	89.0	100.0	89.00
29-May-90	9005114	46A		0.00	89.0	100.0	89.00
29-May-90	9005103	37A		0.00	90.0	100.0	90.00
29-May-90	9005103	45A		0.00	84.0	100.0	84.00
29-May-90	9005114	54A		0.00	91.0	100.0	91.00
29-May-90	9005114	44A		0.00	89.0	100.0	89.00
29-May-90	9005114	24A		0.00	95.0	100.0	95.00
29-May-90	9005114	20A		0.00	90.0	100.0	90.00
29-May-90	9005114	42A		0.00	89.0	100.0	89.00
29-May-90	9005114	38A		0.00	88.0	100.0	88.00
29-May-90	9005114	52A		0.00	85.0	100.0	85.00
29-May-90	9005114	48A		0.00	87.0	100.0	87.00
29-May-90	9005114	26A		0.00	91.0	100.0	91.00
29-May-90	9005114	34A		0.00	94.0	100.0	94.00
29-May-90	9005103	35A		0.00	93.0	100.0	93.00
30-May-90	9005105	16A		0.00	84.0	100.0	84.00
30-May-90	9005105	20A		0.00	86.0	100.0	86.00
30-May-90	9005105	12A		0.00	79.0	100.0	79.00
30-May-90	9005105	10A		0.00	85.0	100.0	85.00
30-May-90	9005105	18A		0.00	85.0	100.0	85.00
01-Jun-90	9005141	21A		0.00	97.0	100.0	97.00
01-Jun-90	9005141	17A		0.00	103.0	100.0	103.00
01-Jun-90	9005141	19A		0.00	94.0	100.0	94.00
01-Jun-90	9005141	29A		0.00	104.0	100.0	104.00
01-Jun-90	9005141	39A		0.00	90.0	100.0	90.00
01-Jun-90	9005141	11A		0.00	96.0	100.0	96.00
01-Jun-90	9005141	23A		0.00	101.0	100.0	101.00
01-Jun-90	9005141	37A		0.00	99.0	100.0	99.00
01-Jun-90	9005141	09A		0.00	94.0	100.0	94.00
01-Jun-90	9005141	15A		0.00	102.0	100.0	102.00
01-Jun-90	9005141	25A		0.00	96.0	100.0	96.00
01-Jun-90	9005141	33A		0.00	99.0	100.0	99.00
01-Jun-90	9005141	27A		0.00	98.0	100.0	98.00
01-Jun-90	9005141	35A		0.00	97.0	100.0	97.00
01-Jun-90	9005141	13A		0.00	93.0	100.0	93.00
01-Jun-90	9005141	31A		0.00	96.0	100.0	96.00

NC: Not Calculable

TABLE 4. DETAILED LISTING OF SPIKE RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Date	Lab ID	Lab Fraction	Flag	Sample Result	Spiked Sample Result	Spike Added	% Recovery
Method: ICP 25 element scan							
Matrix: Groundwater							
Spiked Analyte = Selenium							
Type of Spike = Analytical Spike. continued							
05-Jun-90	9005105	14A		0.00	76.0	100.0	76.00
Type of Spike = Matrix Spike.							
11-May-90	9004290	13A		0.00	94.0	100.0	94.00
11-May-90	9004290	11A		0.00	89.0	100.0	89.00
11-May-90	9004290	19A		0.00	89.0	100.0	89.00
11-May-90	9004290	21A		0.00	95.0	100.0	95.00
14-May-90	9004276	29A		0.00	97.0	100.0	97.00
14-May-90	9004276	17A		0.00	96.0	100.0	96.00
14-May-90	9004276	31A		0.00	102.0	100.0	102.00
14-May-90	9004276	15A		0.00	96.0	100.0	96.00
16-May-90	9005012	17A		0.00	91.0	100.0	91.00
16-May-90	9005012	30A		0.00	81.0	100.0	81.00
16-May-90	9005012	14A		0.00	82.0	100.0	82.00
16-May-90	9005012	15A		0.00	84.0	100.0	84.00
16-May-90	9005012	26A		0.00	89.0	100.0	89.00
16-May-90	9005012	27A		0.00	92.0	100.0	92.00
16-May-90	9005012	29A		0.00	89.0	100.0	89.00
16-May-90	9005012	18A		0.00	86.0	100.0	86.00
29-May-90	9005103	36A		0.00	95.0	100.0	95.00
29-May-90	9005103	38A		0.00	101.0	100.0	101.00
30-May-90	9005105	11A		0.00	95.0	100.0	95.00
05-Jun-90	9005105	13A		0.00	104.0	100.0	104.00

Number of Samples = 164
Mean % Recovery = 90
Standard Deviation = 6.02

Below acceptance = 0
Above acceptance = 0
Acceptance Criteria 75.00 - 125.00

NC: Not Calculable

TABLE 4. DETAILED LISTING OF SPIKE RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Date	Lab ID	Lab Fraction	Flag	Sample Result	Spiked Sample Result	Spike Added	% Recovery
Method: ICP 25 element scan							
Matrix: Groundwater							
Spiked Analyte = Silicon							
Type of Spike = Analytical Spike.							
02-May-90	9004179	11A		0.00	98.0	100.0	98.00
02-May-90	9004168	20A		0.00	84.0	100.0	84.00
02-May-90	9004168	19A		0.00	82.0	100.0	82.00
02-May-90	9004168	21A		0.00	87.0	100.0	87.00
02-May-90	9004168	25A		0.00	84.0	100.0	84.00
02-May-90	9004179	15A		0.00	102.0	100.0	102.00
02-May-90	9004179	13A		0.00	93.0	100.0	93.00
02-May-90	9004179	21A		0.00	81.0	100.0	81.00
02-May-90	9004168	24A		0.00	87.0	100.0	87.00
02-May-90	9004179	17A		0.00	88.0	100.0	88.00
02-May-90	9004179	23A		0.00	87.0	100.0	87.00
02-May-90	9004179	19A		0.00	86.0	100.0	86.00
02-May-90	9004168	23A		0.00	114.0	100.0	114.00
02-May-90	9004168	22A		0.00	95.0	100.0	95.00
02-May-90	9004168	18A		0.00	92.0	100.0	92.00
03-May-90	9004195	12A		0.00	88.0	100.0	88.00
03-May-90	9004195	16A		0.00	88.0	100.0	88.00
03-May-90	9004195	26A		0.00	84.0	100.0	84.00
03-May-90	9004195	30A		0.00	90.0	100.0	90.00
03-May-90	9004195	14A		0.00	83.0	100.0	83.00
03-May-90	9004195	18A		0.00	85.0	100.0	85.00
03-May-90	9004195	24A		0.00	84.0	100.0	84.00
03-May-90	9004195	28A		0.00	89.0	100.0	89.00
03-May-90	9004195	20A		0.00	91.0	100.0	91.00
03-May-90	9004195	22A		0.00	89.0	100.0	89.00
07-May-90	9004248	40A		0.00	88.0	100.0	88.00
07-May-90	9004248	38A		0.00	88.0	100.0	88.00
07-May-90	9004234	12A		0.00	81.0	100.0	81.00
07-May-90	9004218	04A		0.00	93.0	100.0	93.00
07-May-90	9004218	10A		0.00	83.0	100.0	83.00
07-May-90	9004248	42A		0.00	88.0	100.0	88.00
07-May-90	9004248	24A		0.00	87.0	100.0	87.00
07-May-90	9004248	34A		0.00	88.0	100.0	88.00
07-May-90	9004248	20A		0.00	84.0	100.0	84.00
07-May-90	9004234	18A		0.00	82.0	100.0	82.00

NC: Not Calculable

TABLE 4. DETAILED LISTING OF SPIKE RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Date	Lab ID	Lab Fraction	Flag	Sample Result	Spiked Sample Result	Spike Added	% Recovery
Method: ICP 25 element scan							
Matrix: Groundwater							
Spiked Analyte = Silicon							
Type of Spike = Analytical Spike. continued							
07-May-90	9004218	08A		0.00	82.0	100.0	82.00
07-May-90	9004248	16A		0.00	85.0	100.0	85.00
07-May-90	9004218	06A		0.00	80.0	100.0	80.00
07-May-90	9004248	36A		0.00	87.0	100.0	87.00
07-May-90	9004248	53A		0.00	97.0	100.0	97.00
07-May-90	9004248	30A		0.00	94.0	100.0	94.00
07-May-90	9004248	18A		0.00	89.0	100.0	89.00
07-May-90	9004248	32A		0.00	87.0	100.0	87.00
07-May-90	9004234	10A		0.00	79.0	100.0	79.00
07-May-90	9004234	16A		0.00	83.0	100.0	83.00
07-May-90	9004248	22A		0.00	88.0	100.0	88.00
07-May-90	9004248	26A		0.00	86.0	100.0	86.00
08-May-90	9004179	10A		0.00	86.0	100.0	86.00
11-May-90	9004290	12A		0.00	88.0	100.0	88.00
11-May-90	9004308	05A		0.00	82.0	100.0	82.00
11-May-90	9004308	13A		0.00	87.0	100.0	87.00
11-May-90	9004290	10A		0.00	89.0	100.0	89.00
11-May-90	9004308	15A		0.00	86.0	100.0	86.00
11-May-90	9004290	20A		0.00	88.0	100.0	88.00
11-May-90	9004290	18A		0.00	88.0	100.0	88.00
11-May-90	9004290	14A		0.00	76.0	100.0	76.00
11-May-90	9004308	09A		0.00	88.0	100.0	88.00
11-May-90	9004308	07A		0.00	84.0	100.0	84.00
11-May-90	9004290	22A		0.00	89.0	100.0	89.00
11-May-90	9004308	11A		0.00	87.0	100.0	87.00
14-May-90	9004276	22A		0.00	95.0	100.0	95.00
14-May-90	9004276	34A		0.00	97.0	100.0	97.00
14-May-90	9004276	18A		0.00	92.0	100.0	92.00
14-May-90	9004276	20A		0.00	99.0	100.0	99.00
14-May-90	9004276	28A		0.00	97.0	100.0	97.00
14-May-90	9004276	30A		0.00	95.0	100.0	95.00
14-May-90	9004276	38A		0.00	99.0	100.0	99.00
14-May-90	9004276	14A		0.00	97.0	100.0	97.00
14-May-90	9004276	32A		0.00	95.0	100.0	95.00
14-May-90	9004276	26A		0.00	95.0	100.0	95.00
14-May-90	9004276	16A		0.00	94.0	100.0	94.00

NC: Not Calculable

TABLE 4. DETAILED LISTING OF SPIKE RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Date	Lab ID	Lab Fraction	Flag	Sample Result	Spiked Sample Result	Spike Added	% Recovery
Method: ICP 25 element scan							
Matrix: Groundwater							
Spiked Analyte = Silicon							
Type of Spike = Analytical Spike. continued							
14-May-90	9004276	36A		0.00	99.0	100.0	99.00
14-May-90	9004276	40A		0.00	98.0	100.0	98.00
14-May-90	9004276	24A		0.00	95.0	100.0	95.00
15-May-90	9005001	27A		0.00	98.0	100.0	98.00
15-May-90	9005001	21A		0.00	92.0	100.0	92.00
15-May-90	9005001	31A		0.00	113.0	100.0	113.00
15-May-90	9005001	17A		0.00	103.0	100.0	103.00
15-May-90	9005001	37A		0.00	103.0	100.0	103.00
15-May-90	9005001	33A		0.00	103.0	100.0	103.00
15-May-90	9005001	29A		0.00	103.0	100.0	103.00
15-May-90	9005001	25A		0.00	98.0	100.0	98.00
15-May-90	9005001	39A		0.00	103.0	100.0	103.00
15-May-90	9005001	19A		0.00	112.0	100.0	112.00
16-May-90	9005012	16A		0.00	101.0	100.0	101.00
16-May-90	9005012	20A		0.00	93.0	100.0	93.00
16-May-90	9005012	22A		0.00	99.0	100.0	99.00
16-May-90	9005012	24A		0.00	109.0	100.0	109.00
16-May-90	9005012	36A		0.00	109.0	100.0	109.00
16-May-90	9005012	28A		0.00	99.0	100.0	99.00
16-May-90	9005012	34A		0.00	100.0	100.0	100.00
16-May-90	9005012	32A		0.00	99.0	100.0	99.00
18-May-90	9005065	14A		0.00	111.0	100.0	111.00
18-May-90	9005065	32A		0.00	103.0	100.0	103.00
18-May-90	9005065	16A		0.00	104.0	100.0	104.00
18-May-90	9005065	30A		0.00	104.0	100.0	104.00
18-May-90	9005065	26A		0.00	103.0	100.0	103.00
18-May-90	9005065	18A		0.00	102.0	100.0	102.00
18-May-90	9005065	28A		0.00	103.0	100.0	103.00
18-May-90	9005065	20A		0.00	104.0	100.0	104.00
18-May-90	9005065	24A		0.00	103.0	100.0	103.00
18-May-90	9005065	36A		0.00	104.0	100.0	104.00
29-May-90	9005114	24A		0.00	98.0	100.0	98.00
29-May-90	9005114	54A		0.00	97.0	100.0	97.00
29-May-90	9005103	45A		0.00	91.0	100.0	91.00
29-May-90	9005114	28A		0.00	93.0	100.0	93.00
29-May-90	9005114	30A		0.00	92.0	100.0	92.00

NC: Not Calculable

TABLE 4. DETAILED LISTING OF SPIKE RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Date	Lab ID	Lab Fraction	Flag	Sample Result	Spiked Sample Result	Spike Added	% Recovery
Method: ICP 25 element scan							
Matrix: Groundwater							
Spiked Analyte = Silicon							
Type of Spike = Analytical Spike. continued							
29-May-90	9005114	52A		0.00	94.0	100.0	94.00
29-May-90	9005114	26A		0.00	114.0	100.0	114.00
29-May-90	9005114	48A		0.00	94.0	100.0	94.00
29-May-90	9005103	43A		0.00	90.0	100.0	90.00
29-May-90	9005114	46A		0.00	92.0	100.0	92.00
29-May-90	9005103	41A		0.00	95.0	100.0	95.00
29-May-90	9005103	35A		0.00	92.0	100.0	92.00
29-May-90	9005114	44A		0.00	92.0	100.0	92.00
29-May-90	9005103	39A		0.00	93.0	100.0	93.00
29-May-90	9005114	42A		0.00	94.0	100.0	94.00
29-May-90	9005114	38A		0.00	94.0	100.0	94.00
29-May-90	9005114	36A		0.00	88.0	100.0	88.00
29-May-90	9005114	34A		0.00	84.0	100.0	84.00
29-May-90	9005114	20A		0.00	90.0	100.0	90.00
29-May-90	9005103	37A		0.00	99.0	100.0	99.00
30-May-90	9005105	16A		0.00	93.0	100.0	93.00
30-May-90	9005105	18A		0.00	95.0	100.0	95.00
30-May-90	9005105	20A		0.00	96.0	100.0	96.00
30-May-90	9005105	10A		0.00	94.0	100.0	94.00
30-May-90	9005105	12A		0.00	92.0	100.0	92.00
01-Jun-90	9005141	09A		0.00	96.0	100.0	96.00
01-Jun-90	9005141	35A		0.00	110.0	100.0	110.00
01-Jun-90	9005141	19A		0.00	108.0	100.0	108.00
01-Jun-90	9005141	17A		0.00	105.0	100.0	105.00
01-Jun-90	9005141	11A		0.00	109.0	100.0	109.00
01-Jun-90	9005141	23A		0.00	103.0	100.0	103.00
01-Jun-90	9005141	27A		0.00	107.0	100.0	107.00
01-Jun-90	9005141	21A		0.00	106.0	100.0	106.00
01-Jun-90	9005141	13A		0.00	114.0	100.0	114.00
01-Jun-90	9005141	33A		0.00	111.0	100.0	111.00
01-Jun-90	9005141	29A		0.00	117.0	100.0	117.00
01-Jun-90	9005141	31A		0.00	116.0	100.0	116.00
01-Jun-90	9005141	37A		0.00	109.0	100.0	109.00
01-Jun-90	9005141	39A		0.00	102.0	100.0	102.00
01-Jun-90	9005141	15A		0.00	112.0	100.0	112.00
01-Jun-90	9005141	25A		0.00	106.0	100.0	106.00

NC: Not Calculable

TABLE 4. DETAILED LISTING OF SPIKE RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Date	Lab ID	Lab Fraction	Flag	Sample Result	Spiked Sample Result	Spike Added	% Recovery
Method: ICP 25 element scan							
Matrix: Groundwater							
Spiked Analyte = Silicon							
Type of Spike = Analytical Spike. continued							
05-Jun-90	9005105	14A		0.00	90.0	100.0	90.00
Type of Spike = Matrix Spike.							
11-May-90	9004290	21A		0.00	107.0	100.0	107.00
11-May-90	9004290	19A		0.00	91.0	100.0	91.00
11-May-90	9004290	13A		0.00	151.0	100.0	151.00
11-May-90	9004290	11A		0.00	130.0	100.0	130.00
14-May-90	9004276	29A		0.00	106.0	100.0	106.00
14-May-90	9004276	17A		0.00	695.0	100.0	695.00
14-May-90	9004276	31A		0.00	104.0	100.0	104.00
14-May-90	9004276	15A		0.00	612.0	100.0	612.00
16-May-90	9005012	26A		0.00	101.0	100.0	101.00
16-May-90	9005012	27A		0.00	93.0	100.0	93.00
16-May-90	9005012	15A		0.00	195.0	100.0	195.00
16-May-90	9005012	14A		0.00	285.0	100.0	285.00
16-May-90	9005012	18A		0.00	99.0	100.0	99.00
16-May-90	9005012	17A		0.00	98.0	100.0	98.00
16-May-90	9005012	29A		0.00	98.0	100.0	98.00
16-May-90	9005012	30A		0.00	98.0	100.0	98.00
29-May-90	9005103	38A		0.00	156.0	100.0	156.00
29-May-90	9005103	36A		0.00	154.0	100.0	154.00
30-May-90	9005105	11A		0.00	85.0	100.0	85.00
05-Jun-90	9005105	13A		0.00	89.0	100.0	89.00

Number of Samples = 164
Mean % Recovery = 104
Standard Deviation = 64.66

Below acceptance = 0
Above acceptance = 8
Acceptance Criteria 75.00 - 125.00

NC: Not Calculable

TABLE 4. DETAILED LISTING OF SPIKE RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Date	Lab ID	Lab Fraction	Flag	Sample Result	Spiked Sample Result	Spike Added	% Recovery
Method: ICP 25 element scan							
Matrix: Groundwater							
Spiked Analyte = Silver							
Type of Spike = Analytical Spike.							
02-May-90	9004168	22A		0.00	116.0	100.0	116.00
02-May-90	9004168	21A		0.00	87.0	100.0	87.00
02-May-90	9004168	20A		0.00	81.0	100.0	81.00
02-May-90	9004179	15A		0.00	81.0	100.0	81.00
02-May-90	9004179	23A		0.00	85.0	100.0	85.00
02-May-90	9004168	19A		0.00	81.0	100.0	81.00
02-May-90	9004179	17A		0.00	88.0	100.0	88.00
02-May-90	9004179	13A		0.00	85.0	100.0	85.00
02-May-90	9004168	23A		0.00	81.0	100.0	81.00
02-May-90	9004168	25A		0.00	84.0	100.0	84.00
02-May-90	9004179	21A		0.00	83.0	100.0	83.00
02-May-90	9004168	24A		0.00	91.0	100.0	91.00
02-May-90	9004168	18A		0.00	81.0	100.0	81.00
02-May-90	9004179	19A		0.00	86.0	100.0	86.00
02-May-90	9004179	11A		0.00	86.0	100.0	86.00
03-May-90	9004195	16A		0.00	98.0	100.0	98.00
03-May-90	9004195	22A		0.00	94.0	100.0	94.00
03-May-90	9004195	18A		0.00	97.0	100.0	97.00
03-May-90	9004195	24A		0.00	88.0	100.0	88.00
03-May-90	9004195	28A		0.00	94.0	100.0	94.00
03-May-90	9004195	26A		0.00	83.0	100.0	83.00
03-May-90	9004195	14A		0.00	101.0	100.0	101.00
03-May-90	9004195	20A		0.00	92.0	100.0	92.00
03-May-90	9004195	12A		0.00	103.0	100.0	103.00
03-May-90	9004195	30A		0.00	94.0	100.0	94.00
07-May-90	9004248	30A		0.00	85.0	100.0	85.00
07-May-90	9004218	04A		0.00	91.0	100.0	91.00
07-May-90	9004218	10A		0.00	85.0	100.0	85.00
07-May-90	9004248	16A		0.00	85.0	100.0	85.00
07-May-90	9004248	20A		0.00	84.0	100.0	84.00
07-May-90	9004248	26A		0.00	83.0	100.0	83.00
07-May-90	9004248	22A		0.00	85.0	100.0	85.00
07-May-90	9004248	42A		0.00	85.0	100.0	85.00
07-May-90	9004234	12A		0.00	90.0	100.0	90.00
07-May-90	9004248	18A		0.00	84.0	100.0	84.00

NC: Not Calculable

TABLE 4. DETAILED LISTING OF SPIKE RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Date	Lab ID	Lab Fraction	Flag	Sample Result	Spiked Sample Result	Spike Added	% Recovery
Method: ICP 25 element scan							
Matrix: Groundwater							
Spiked Analyte = Silver							
Type of Spike = Analytical Spike. continued							
07-May-90	9004218	06A		0.00	79.0	100.0	79.00
07-May-90	9004234	16A		0.00	85.0	100.0	85.00
07-May-90	9004248	24A		0.00	84.0	100.0	84.00
07-May-90	9004234	18A		0.00	88.0	100.0	88.00
07-May-90	9004248	36A		0.00	85.0	100.0	85.00
07-May-90	9004248	32A		0.00	84.0	100.0	84.00
07-May-90	9004248	38A		0.00	84.0	100.0	84.00
07-May-90	9004234	10A		0.00	79.0	100.0	79.00
07-May-90	9004248	40A		0.00	85.0	100.0	85.00
07-May-90	9004248	34A		0.00	84.0	100.0	84.00
07-May-90	9004248	53A		0.00	85.0	100.0	85.00
07-May-90	9004218	08A		0.00	93.0	100.0	93.00
08-May-90	9004179	10A		0.00	98.0	100.0	98.00
11-May-90	9004308	11A		0.00	86.0	100.0	86.00
11-May-90	9004308	15A		0.00	87.0	100.0	87.00
11-May-90	9004290	14A		0.00	87.0	100.0	87.00
11-May-90	9004290	22A		0.00	88.0	100.0	88.00
11-May-90	9004290	12A		0.00	87.0	100.0	87.00
11-May-90	9004308	05A		0.00	88.0	100.0	88.00
11-May-90	9004308	13A		0.00	87.0	100.0	87.00
11-May-90	9004290	10A		0.00	86.0	100.0	86.00
11-May-90	9004290	20A		0.00	86.0	100.0	86.00
11-May-90	9004290	18A		0.00	86.0	100.0	86.00
11-May-90	9004308	07A		0.00	88.0	100.0	88.00
11-May-90	9004308	09A		0.00	87.0	100.0	87.00
14-May-90	9004276	28A		0.00	86.0	100.0	86.00
14-May-90	9004276	40A		0.00	86.0	100.0	86.00
14-May-90	9004276	20A		0.00	86.0	100.0	86.00
14-May-90	9004276	26A		0.00	86.0	100.0	86.00
14-May-90	9004276	24A		0.00	86.0	100.0	86.00
14-May-90	9004276	38A		0.00	87.0	100.0	87.00
14-May-90	9004276	36A		0.00	91.0	100.0	91.00
14-May-90	9004276	30A		0.00	85.0	100.0	85.00
14-May-90	9004276	14A		0.00	86.0	100.0	86.00
14-May-90	9004276	34A		0.00	88.0	100.0	88.00
14-May-90	9004276	32A		0.00	85.0	100.0	85.00

NC: Not Calculable

TABLE 4. DETAILED LISTING OF SPIKE RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Date	Lab ID	Lab Fraction	Flag	Sample Result	Spiked Sample Result	Spike Added	% Recovery
Method: ICP 25 element scan							
Matrix: Groundwater							
Spiked Analyte = Silver							
Type of Spike = Analytical Spike. continued							
14-May-90	9004276	18A		0.00	86.0	100.0	86.00
14-May-90	9004276	22A		0.00	86.0	100.0	86.00
14-May-90	9004276	16A		0.00	86.0	100.0	86.00
15-May-90	9005001	17A		0.00	89.0	100.0	89.00
15-May-90	9005001	31A		0.00	88.0	100.0	88.00
15-May-90	9005001	37A		0.00	88.0	100.0	88.00
15-May-90	9005001	27A		0.00	88.0	100.0	88.00
15-May-90	9005001	21A		0.00	89.0	100.0	89.00
15-May-90	9005001	33A		0.00	88.0	100.0	88.00
15-May-90	9005001	25A		0.00	90.0	100.0	90.00
15-May-90	9005001	19A		0.00	90.0	100.0	90.00
15-May-90	9005001	29A		0.00	88.0	100.0	88.00
15-May-90	9005001	39A		0.00	88.0	100.0	88.00
16-May-90	9005012	20A		0.00	82.0	100.0	82.00
16-May-90	9005012	36A		0.00	84.0	100.0	84.00
16-May-90	9005012	24A		0.00	83.0	100.0	83.00
16-May-90	9005012	32A		0.00	83.0	100.0	83.00
16-May-90	9005012	22A		0.00	84.0	100.0	84.00
16-May-90	9005012	34A		0.00	84.0	100.0	84.00
16-May-90	9005012	28A		0.00	83.0	100.0	83.00
16-May-90	9005012	16A		0.00	85.0	100.0	85.00
18-May-90	9005065	18A		0.00	85.0	100.0	85.00
18-May-90	9005065	26A		0.00	83.0	100.0	83.00
18-May-90	9005065	24A		0.00	84.0	100.0	84.00
18-May-90	9005065	30A		0.00	83.0	100.0	83.00
18-May-90	9005065	14A		0.00	86.0	100.0	86.00
18-May-90	9005065	16A		0.00	84.0	100.0	84.00
18-May-90	9005065	20A		0.00	85.0	100.0	85.00
18-May-90	9005065	32A		0.00	83.0	100.0	83.00
18-May-90	9005065	28A		0.00	83.0	100.0	83.00
18-May-90	9005065	36A		0.00	83.0	100.0	83.00
29-May-90	9005114	44A		0.00	88.0	100.0	88.00
29-May-90	9005114	34A		0.00	88.0	100.0	88.00
29-May-90	9005114	38A		0.00	86.0	100.0	86.00
29-May-90	9005103	41A		0.00	89.0	100.0	89.00
29-May-90	9005114	52A		0.00	86.0	100.0	86.00

NC: Not Calculable

TABLE 4. DETAILED LISTING OF SPIKE RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Date	Lab ID	Lab Fraction	Flag	Sample Result	Spiked Sample Result	Spike Added	% Recovery
Method: ICP 25 element scan							
Matrix: Groundwater							
Spiked Analyte = Silver							
Type of Spike = Analytical Spike. continued							
29-May-90	9005114	28A		0.00	89.0	100.0	89.00
29-May-90	9005114	54A		0.00	88.0	100.0	88.00
29-May-90	9005114	24A		0.00	91.0	100.0	91.00
29-May-90	9005114	20A		0.00	89.0	100.0	89.00
29-May-90	9005103	37A		0.00	84.0	100.0	84.00
29-May-90	9005103	43A		0.00	84.0	100.0	84.00
29-May-90	9005114	42A		0.00	86.0	100.0	86.00
29-May-90	9005114	26A		0.00	89.0	100.0	89.00
29-May-90	9005114	36A		0.00	91.0	100.0	91.00
29-May-90	9005103	39A		0.00	87.0	100.0	87.00
29-May-90	9005114	48A		0.00	85.0	100.0	85.00
29-May-90	9005103	35A		0.00	84.0	100.0	84.00
29-May-90	9005114	30A		0.00	88.0	100.0	88.00
29-May-90	9005114	46A		0.00	88.0	100.0	88.00
29-May-90	9005103	45A		0.00	83.0	100.0	83.00
30-May-90	9005105	16A		0.00	84.0	100.0	84.00
30-May-90	9005105	12A		0.00	90.0	100.0	90.00
30-May-90	9005105	18A		0.00	83.0	100.0	83.00
30-May-90	9005105	20A		0.00	84.0	100.0	84.00
30-May-90	9005105	10A		0.00	75.0	100.0	75.00
01-Jun-90	9005141	31A		0.00	87.0	100.0	87.00
01-Jun-90	9005141	23A		0.00	86.0	100.0	86.00
01-Jun-90	9005141	33A		0.00	86.0	100.0	86.00
01-Jun-90	9005141	19A		0.00	79.0	100.0	79.00
01-Jun-90	9005141	13A		0.00	87.0	100.0	87.00
01-Jun-90	9005141	21A		0.00	87.0	100.0	87.00
01-Jun-90	9005141	35A		0.00	84.0	100.0	84.00
01-Jun-90	9005141	39A		0.00	83.0	100.0	83.00
01-Jun-90	9005141	37A		0.00	84.0	100.0	84.00
01-Jun-90	9005141	25A		0.00	87.0	100.0	87.00
01-Jun-90	9005141	09A		0.00	84.0	100.0	84.00
01-Jun-90	9005141	15A		0.00	87.0	100.0	87.00
01-Jun-90	9005141	27A		0.00	88.0	100.0	88.00
01-Jun-90	9005141	17A		0.00	87.0	100.0	87.00
01-Jun-90	9005141	11A		0.00	82.0	100.0	82.00
01-Jun-90	9005141	29A		0.00	87.0	100.0	87.00

NC: Not Calculable

TABLE 4. DETAILED LISTING OF SPIKE RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Date	Lab ID	Lab Fraction	Flag	Sample Result	Spiked Sample Result	Spike Added	% Recovery
Method: ICP 25 element scan							
Matrix: Groundwater							
Spiked Analyte = Silver							
Type of Spike = Analytical Spike. continued							
05-Jun-90	9005105	14A		0.00	82.0	100.0	82.00
Type of Spike = Matrix Spike.							
11-May-90	9004290	21A		0.00	96.0	100.0	96.00
11-May-90	9004290	19A		0.00	90.0	100.0	90.00
11-May-90	9004290	11A		0.00	87.0	100.0	87.00
11-May-90	9004290	13A		0.00	98.0	100.0	98.00
14-May-90	9004276	15A		0.00	92.0	100.0	92.00
14-May-90	9004276	17A		0.00	89.0	100.0	89.00
14-May-90	9004276	29A		0.00	93.0	100.0	93.00
14-May-90	9004276	31A		0.00	93.0	100.0	93.00
16-May-90	9005012	14A		0.00	86.0	100.0	86.00
16-May-90	9005012	26A		0.00	93.0	100.0	93.00
16-May-90	9005012	17A		0.00	85.0	100.0	85.00
16-May-90	9005012	15A		0.00	98.0	100.0	98.00
16-May-90	9005012	30A		0.00	81.0	100.0	81.00
16-May-90	9005012	29A		0.00	83.0	100.0	83.00
16-May-90	9005012	27A		0.00	94.0	100.0	94.00
16-May-90	9005012	18A		0.00	85.0	100.0	85.00
29-May-90	9005103	38A		0.00	91.0	100.0	91.00
29-May-90	9005103	36A		0.00	92.0	100.0	92.00
30-May-90	9005105	11A		0.00	92.0	100.0	92.00
05-Jun-90	9005105	13A		0.00	94.0	100.0	94.00

Number of Samples = 164
Mean % Recovery = 87
Standard Deviation = 4.81

Below acceptance = 0
Above acceptance = 0
Acceptance Criteria 75.00 - 125.00

NC: Not Calculable

TABLE 4. DETAILED LISTING OF SPIKE RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Date	Lab ID	Lab Fraction	Flag	Sample Result	Spiked Sample Result	Spike Added	% Recovery
Method: ICP 25 element scan							
Matrix: Groundwater							
Spiked Analyte = Sodium							
Type of Spike = Analytical Spike.							
02-May-90	9004179	13A		0.00	94.0	100.0	94.00
02-May-90	9004168	22A		0.00	100.0	100.0	100.00
02-May-90	9004179	11A		0.00	89.0	100.0	89.00
02-May-90	9004168	18A		0.00	88.0	100.0	88.00
02-May-90	9004168	19A		0.00	90.0	100.0	90.00
02-May-90	9004179	15A		0.00	92.0	100.0	92.00
02-May-90	9004168	25A		0.00	91.0	100.0	91.00
02-May-90	9004179	17A		0.00	96.0	100.0	96.00
02-May-90	9004168	24A		0.00	93.0	100.0	93.00
02-May-90	9004179	19A		0.00	96.0	100.0	96.00
02-May-90	9004179	21A		0.00	96.0	100.0	96.00
02-May-90	9004168	21A		0.00	94.0	100.0	94.00
02-May-90	9004168	20A		0.00	87.0	100.0	87.00
02-May-90	9004168	23A		0.00	94.0	100.0	94.00
02-May-90	9004179	23A		0.00	93.0	100.0	93.00
03-May-90	9004195	24A		0.00	101.0	100.0	101.00
03-May-90	9004195	12A		0.00	92.0	100.0	92.00
03-May-90	9004195	28A		0.00	98.0	100.0	98.00
03-May-90	9004195	14A		0.00	95.0	100.0	95.00
03-May-90	9004195	22A		0.00	99.0	100.0	99.00
03-May-90	9004195	20A		0.00	94.0	100.0	94.00
03-May-90	9004195	18A		0.00	98.0	100.0	98.00
03-May-90	9004195	30A		0.00	97.0	100.0	97.00
03-May-90	9004195	26A		0.00	101.0	100.0	101.00
03-May-90	9004195	16A		0.00	101.0	100.0	101.00
07-May-90	9004248	42A		0.00	89.0	100.0	89.00
07-May-90	9004248	53A		0.00	96.0	100.0	96.00
07-May-90	9004248	16A		0.00	90.0	100.0	90.00
07-May-90	9004218	04A		0.00	83.0	100.0	83.00
07-May-90	9004218	06A		0.00	86.0	100.0	86.00
07-May-90	9004218	08A		0.00	90.0	100.0	90.00
07-May-90	9004218	10A		0.00	88.0	100.0	88.00
07-May-90	9004248	18A		0.00	88.0	100.0	88.00
07-May-90	9004234	10A		0.00	88.0	100.0	88.00
07-May-90	9004248	20A		0.00	92.0	100.0	92.00

NC: Not Calculable

TABLE 4. DETAILED LISTING OF SPIKE RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Date	Lab ID	Lab Fraction	Flag	Sample Result	Spiked Sample Result	Spike Added	% Recovery
Method: ICP 25 element scan							
Matrix: Groundwater							
Spiked Analyte = Sodium							
Type of Spike = Analytical Spike. continued							
07-May-90	9004248	22A		0.00	93.0	100.0	93.00
07-May-90	9004248	24A		0.00	92.0	100.0	92.00
07-May-90	9004234	12A		0.00	87.0	100.0	87.00
07-May-90	9004248	26A		0.00	91.0	100.0	91.00
07-May-90	9004248	30A		0.00	94.0	100.0	94.00
07-May-90	9004248	32A		0.00	91.0	100.0	91.00
07-May-90	9004248	34A		0.00	94.0	100.0	94.00
07-May-90	9004248	36A		0.00	91.0	100.0	91.00
07-May-90	9004248	38A		0.00	94.0	100.0	94.00
07-May-90	9004234	16A		0.00	85.0	100.0	85.00
07-May-90	9004248	40A		0.00	90.0	100.0	90.00
07-May-90	9004234	18A		0.00	87.0	100.0	87.00
08-May-90	9004179	10A		0.00	92.0	100.0	92.00
11-May-90	9004290	18A		0.00	90.0	100.0	90.00
11-May-90	9004290	22A		0.00	91.0	100.0	91.00
11-May-90	9004308	05A		0.00	91.0	100.0	91.00
11-May-90	9004308	15A		0.00	91.0	100.0	91.00
11-May-90	9004290	20A		0.00	90.0	100.0	90.00
11-May-90	9004308	13A		0.00	91.0	100.0	91.00
11-May-90	9004308	11A		0.00	90.0	100.0	90.00
11-May-90	9004308	07A		0.00	93.0	100.0	93.00
11-May-90	9004308	09A		0.00	92.0	100.0	92.00
11-May-90	9004290	14A		0.00	92.0	100.0	92.00
11-May-90	9004290	12A		0.00	91.0	100.0	91.00
11-May-90	9004290	10A		0.00	92.0	100.0	92.00
14-May-90	9004276	34A		0.00	91.0	100.0	91.00
14-May-90	9004276	36A		0.00	93.0	100.0	93.00
14-May-90	9004276	14A		0.00	94.0	100.0	94.00
14-May-90	9004276	38A		0.00	94.0	100.0	94.00
14-May-90	9004276	40A		0.00	93.0	100.0	93.00
14-May-90	9004276	20A		0.00	93.0	100.0	93.00
14-May-90	9004276	30A		0.00	92.0	100.0	92.00
14-May-90	9004276	22A		0.00	93.0	100.0	93.00
14-May-90	9004276	32A		0.00	90.0	100.0	90.00
14-May-90	9004276	24A		0.00	93.0	100.0	93.00
14-May-90	9004276	18A		0.00	93.0	100.0	93.00

NC: Not Calculable

TABLE 4. DETAILED LISTING OF SPIKE RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Date	Lab ID	Lab Fraction	Flag	Sample Result	Spiked Sample Result	Spike Added	% Recovery
Method: ICP 25 element scan							
Matrix: Groundwater							
Spiked Analyte = Sodium							
Type of Spike = Analytical Spike. continued							
14-May-90	9004276	16A		0.00	94.0	100.0	94.00
14-May-90	9004276	28A		0.00	91.0	100.0	91.00
14-May-90	9004276	26A		0.00	93.0	100.0	93.00
15-May-90	9005001	33A		0.00	78.0	100.0	78.00
15-May-90	9005001	37A		0.00	94.0	100.0	94.00
15-May-90	9005001	39A		0.00	94.0	100.0	94.00
15-May-90	9005001	31A		0.00	93.0	100.0	93.00
15-May-90	9005001	19A		0.00	94.0	100.0	94.00
15-May-90	9005001	17A		0.00	94.0	100.0	94.00
15-May-90	9005001	21A		0.00	94.0	100.0	94.00
15-May-90	9005001	27A		0.00	95.0	100.0	95.00
15-May-90	9005001	25A		0.00	94.0	100.0	94.00
15-May-90	9005001	29A		0.00	94.0	100.0	94.00
16-May-90	9005012	16A		0.00	92.0	100.0	92.00
16-May-90	9005012	20A		0.00	91.0	100.0	91.00
16-May-90	9005012	34A		0.00	90.0	100.0	90.00
16-May-90	9005012	32A		0.00	88.0	100.0	88.00
16-May-90	9005012	28A		0.00	88.0	100.0	88.00
16-May-90	9005012	36A		0.00	90.0	100.0	90.00
16-May-90	9005012	24A		0.00	90.0	100.0	90.00
16-May-90	9005012	22A		0.00	91.0	100.0	91.00
18-May-90	9005065	32A		0.00	100.0	100.0	100.00
18-May-90	9005065	20A		0.00	92.0	100.0	92.00
18-May-90	9005065	28A		0.00	96.0	100.0	96.00
18-May-90	9005065	36A		0.00	105.0	100.0	105.00
18-May-90	9005065	16A		0.00	94.0	100.0	94.00
18-May-90	9005065	18A		0.00	95.0	100.0	95.00
18-May-90	9005065	30A		0.00	110.0	100.0	110.00
18-May-90	9005065	14A		0.00	94.0	100.0	94.00
18-May-90	9005065	26A		0.00	100.0	100.0	100.00
18-May-90	9005065	24A		0.00	100.0	100.0	100.00
29-May-90	9005103	35A		0.00	93.0	100.0	93.00
29-May-90	9005103	39A		0.00	94.0	100.0	94.00
29-May-90	9005114	26A		0.00	100.0	100.0	100.00
29-May-90	9005114	46A		0.00	90.0	100.0	90.00
29-May-90	9005114	24A		0.00	92.0	100.0	92.00

NC: Not Calculable

TABLE 4. DETAILED LISTING OF SPIKE RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Date	Lab ID	Lab Fraction	Flag	Sample Result	Spiked Sample Result	Spike Added	% Recovery
Method: ICP 25 element scan							
Matrix: Groundwater							
Spiked Analyte = Sodium							
Type of Spike = Analytical Spike. continued							
29-May-90	9005103	45A		0.00	93.0	100.0	93.00
29-May-90	9005103	37A		0.00	99.0	100.0	99.00
29-May-90	9005103	43A		0.00	88.0	100.0	88.00
29-May-90	9005114	20A		0.00	86.0	100.0	86.00
29-May-90	9005114	42A		0.00	89.0	100.0	89.00
29-May-90	9005103	41A		0.00	87.0	100.0	87.00
29-May-90	9005114	36A		0.00	92.0	100.0	92.00
29-May-90	9005114	38A		0.00	88.0	100.0	88.00
29-May-90	9005114	28A		0.00	96.0	100.0	96.00
29-May-90	9005114	34A		0.00	94.0	100.0	94.00
29-May-90	9005114	52A		0.00	90.0	100.0	90.00
29-May-90	9005114	30A		0.00	92.0	100.0	92.00
29-May-90	9005114	48A		0.00	89.0	100.0	89.00
29-May-90	9005114	44A		0.00	94.0	100.0	94.00
29-May-90	9005114	54A		0.00	92.0	100.0	92.00
30-May-90	9005105	10A		0.00	85.0	100.0	85.00
30-May-90	9005105	18A		0.00	84.0	100.0	84.00
30-May-90	9005105	16A		0.00	83.0	100.0	83.00
30-May-90	9005105	12A		0.00	85.0	100.0	85.00
30-May-90	9005105	20A		0.00	88.0	100.0	88.00
01-Jun-90	9005141	17A		0.00	99.0	100.0	99.00
01-Jun-90	9005141	11A		0.00	93.0	100.0	93.00
01-Jun-90	9005141	13A		0.00	95.0	100.0	95.00
01-Jun-90	9005141	31A		0.00	96.0	100.0	96.00
01-Jun-90	9005141	09A		0.00	93.0	100.0	93.00
01-Jun-90	9005141	35A		0.00	90.0	100.0	90.00
01-Jun-90	9005141	39A		0.00	88.0	100.0	88.00
01-Jun-90	9005141	21A		0.00	92.0	100.0	92.00
01-Jun-90	9005141	25A		0.00	94.0	100.0	94.00
01-Jun-90	9005141	29A		0.00	95.0	100.0	95.00
01-Jun-90	9005141	15A		0.00	92.0	100.0	92.00
01-Jun-90	9005141	37A		0.00	95.0	100.0	95.00
01-Jun-90	9005141	27A		0.00	95.0	100.0	95.00
01-Jun-90	9005141	33A		0.00	96.0	100.0	96.00
01-Jun-90	9005141	19A		0.00	92.0	100.0	92.00
01-Jun-90	9005141	23A		0.00	93.0	100.0	93.00

NC: Not Calculable

TABLE 4. DETAILED LISTING OF SPIKE RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Date	Lab ID	Lab Fraction	Flag	Sample Result	Spiked Sample Result	Spike Added	% Recovery
Method: ICP 25 element scan							
Matrix: Groundwater							
Spiked Analyte = Sodium							
Type of Spike = Analytical Spike. continued							
05-Jun-90	9005105	14A		0.00	84.0	100.0	84.00
Type of Spike = Matrix Spike.							
11-May-90	9004290	11A		0.00	89.0	100.0	89.00
11-May-90	9004290	21A		0.00	98.0	100.0	98.00
11-May-90	9004290	13A		0.00	82.0	100.0	82.00
11-May-90	9004290	19A		0.00	69.0	100.0	69.00
14-May-90	9004276	29A		0.00	94.0	100.0	94.00
14-May-90	9004276	17A		0.00	86.0	100.0	86.00
14-May-90	9004276	31A		0.00	97.0	100.0	97.00
14-May-90	9004276	15A		0.00	97.0	100.0	97.00
16-May-90	9005012	29A		0.00	90.0	100.0	90.00
16-May-90	9005012	15A		0.00	97.0	100.0	97.00
16-May-90	9005012	14A		0.00	103.0	100.0	103.00
16-May-90	9005012	17A		0.00	91.0	100.0	91.00
16-May-90	9005012	27A		0.00	90.0	100.0	90.00
16-May-90	9005012	18A		0.00	91.0	100.0	91.00
16-May-90	9005012	26A		0.00	98.0	100.0	98.00
16-May-90	9005012	30A		0.00	86.0	100.0	86.00
29-May-90	9005103	38A		0.00	67.0	100.0	67.00
29-May-90	9005103	36A		0.00	67.0	100.0	67.00
30-May-90	9005105	11A		0.00	63.0	100.0	63.00
05-Jun-90	9005105	13A		0.00	154.0	100.0	154.00

Number of Samples = 164
Mean % Recovery = 92
Standard Deviation = 7.67

Below acceptance = 4
Above acceptance = 1
Acceptance Criteria 75.00 - 125.00

NC: Not Calculable

TABLE 4. DETAILED LISTING OF SPIKE RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Date	Lab ID	Lab Fraction	Flag	Sample Result	Spiked Sample Result	Spike Added	% Recovery
Method: ICP 25 element scan							
Matrix: Groundwater							
Spiked Analyte = Strontium							
Type of Spike = Analytical Spike.							
02-May-90	9004179	23A		0.00	92.0	100.0	92.00
02-May-90	9004179	21A		0.00	91.0	100.0	91.00
02-May-90	9004179	17A		0.00	96.0	100.0	96.00
02-May-90	9004168	23A		0.00	104.0	100.0	104.00
02-May-90	9004168	19A		0.00	88.0	100.0	88.00
02-May-90	9004179	15A		0.00	86.0	100.0	86.00
02-May-90	9004179	13A		0.00	93.0	100.0	93.00
02-May-90	9004179	11A		0.00	92.0	100.0	92.00
02-May-90	9004168	24A		0.00	75.0	100.0	75.00
02-May-90	9004168	18A		0.00	87.0	100.0	87.00
02-May-90	9004168	22A		0.00	98.0	100.0	98.00
02-May-90	9004168	21A		0.00	106.0	100.0	106.00
02-May-90	9004168	25A		0.00	90.0	100.0	90.00
02-May-90	9004179	19A		0.00	92.0	100.0	92.00
02-May-90	9004168	20A		0.00	87.0	100.0	87.00
03-May-90	9004195	24A		0.00	92.0	100.0	92.00
03-May-90	9004195	26A		0.00	92.0	100.0	92.00
03-May-90	9004195	22A		0.00	98.0	100.0	98.00
03-May-90	9004195	30A		0.00	97.0	100.0	97.00
03-May-90	9004195	28A		0.00	97.0	100.0	97.00
03-May-90	9004195	18A		0.00	101.0	100.0	101.00
03-May-90	9004195	12A		0.00	104.0	100.0	104.00
03-May-90	9004195	16A		0.00	101.0	100.0	101.00
03-May-90	9004195	14A		0.00	103.0	100.0	103.00
03-May-90	9004195	20A		0.00	94.0	100.0	94.00
07-May-90	9004248	26A		0.00	85.0	100.0	85.00
07-May-90	9004218	06A		0.00	91.0	100.0	91.00
07-May-90	9004248	36A		0.00	87.0	100.0	87.00
07-May-90	9004234	12A		0.00	90.0	100.0	90.00
07-May-90	9004248	20A		0.00	86.0	100.0	86.00
07-May-90	9004218	10A		0.00	87.0	100.0	87.00
07-May-90	9004218	04A		0.00	84.0	100.0	84.00
07-May-90	9004248	24A		0.00	86.0	100.0	86.00
07-May-90	9004248	38A		0.00	87.0	100.0	87.00
07-May-90	9004248	22A		0.00	87.0	100.0	87.00

NC: Not Calculable

TABLE 4. DETAILED LISTING OF SPIKE RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Date	Lab ID	Lab Fraction	Flag	Sample Result	Spiked Sample Result	Spike Added	% Recovery
Method: ICP 25 element scan							
Matrix: Groundwater							
Spiked Analyte = Strontium							
Type of Spike = Analytical Spike. continued							
07-May-90	9004248	34A		0.00	86.0	100.0	86.00
07-May-90	9004248	42A		0.00	87.0	100.0	87.00
07-May-90	9004248	30A		0.00	86.0	100.0	86.00
07-May-90	9004234	16A		0.00	88.0	100.0	88.00
07-May-90	9004234	10A		0.00	86.0	100.0	86.00
07-May-90	9004218	08A		0.00	90.0	100.0	90.00
07-May-90	9004248	53A		0.00	88.0	100.0	88.00
07-May-90	9004248	18A		0.00	85.0	100.0	85.00
07-May-90	9004234	18A		0.00	89.0	100.0	89.00
07-May-90	9004248	16A		0.00	86.0	100.0	86.00
07-May-90	9004248	40A		0.00	86.0	100.0	86.00
07-May-90	9004248	32A		0.00	86.0	100.0	86.00
08-May-90	9004179	10A		0.00	92.0	100.0	92.00
11-May-90	9004308	09A		0.00	89.0	100.0	89.00
11-May-90	9004290	22A		0.00	87.0	100.0	87.00
11-May-90	9004308	13A		0.00	88.0	100.0	88.00
11-May-90	9004308	11A		0.00	86.0	100.0	86.00
11-May-90	9004290	14A		0.00	88.0	100.0	88.00
11-May-90	9004308	15A		0.00	87.0	100.0	87.00
11-May-90	9004290	18A		0.00	87.0	100.0	87.00
11-May-90	9004290	10A		0.00	88.0	100.0	88.00
11-May-90	9004308	07A		0.00	90.0	100.0	90.00
11-May-90	9004308	05A		0.00	89.0	100.0	89.00
11-May-90	9004290	12A		0.00	86.0	100.0	86.00
11-May-90	9004290	20A		0.00	86.0	100.0	86.00
14-May-90	9004276	36A		0.00	91.0	100.0	91.00
14-May-90	9004276	16A		0.00	88.0	100.0	88.00
14-May-90	9004276	14A		0.00	88.0	100.0	88.00
14-May-90	9004276	38A		0.00	88.0	100.0	88.00
14-May-90	9004276	18A		0.00	87.0	100.0	87.00
14-May-90	9004276	40A		0.00	88.0	100.0	88.00
14-May-90	9004276	26A		0.00	87.0	100.0	87.00
14-May-90	9004276	30A		0.00	86.0	100.0	86.00
14-May-90	9004276	24A		0.00	88.0	100.0	88.00
14-May-90	9004276	28A		0.00	87.0	100.0	87.00
14-May-90	9004276	32A		0.00	84.0	100.0	84.00

NC: Not Calculable

TABLE 4. DETAILED LISTING OF SPIKE RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Date	Lab ID	Lab Fraction	Flag	Sample Result	Spiked Sample Result	Spike Added	% Recovery
Method: ICP 25 element scan							
Matrix: Groundwater							
Spiked Analyte = Strontium							
Type of Spike = Analytical Spike. continued							
14-May-90	9004276	20A		0.00	88.0	100.0	88.00
14-May-90	9004276	34A		0.00	89.0	100.0	89.00
14-May-90	9004276	22A		0.00	87.0	100.0	87.00
15-May-90	9005001	21A		0.00	89.0	100.0	89.00
15-May-90	9005001	19A		0.00	91.0	100.0	91.00
15-May-90	9005001	17A		0.00	90.0	100.0	90.00
15-May-90	9005001	37A		0.00	90.0	100.0	90.00
15-May-90	9005001	25A		0.00	90.0	100.0	90.00
15-May-90	9005001	33A		0.00	91.0	100.0	91.00
15-May-90	9005001	27A		0.00	90.0	100.0	90.00
15-May-90	9005001	39A		0.00	90.0	100.0	90.00
15-May-90	9005001	31A		0.00	90.0	100.0	90.00
15-May-90	9005001	29A		0.00	89.0	100.0	89.00
16-May-90	9005012	22A		0.00	84.0	100.0	84.00
16-May-90	9005012	16A		0.00	86.0	100.0	86.00
16-May-90	9005012	20A		0.00	83.0	100.0	83.00
16-May-90	9005012	24A		0.00	83.0	100.0	83.00
16-May-90	9005012	32A		0.00	83.0	100.0	83.00
16-May-90	9005012	34A		0.00	85.0	100.0	85.00
16-May-90	9005012	36A		0.00	85.0	100.0	85.00
16-May-90	9005012	28A		0.00	83.0	100.0	83.00
18-May-90	9005065	14A		0.00	88.0	100.0	88.00
18-May-90	9005065	32A		0.00	87.0	100.0	87.00
18-May-90	9005065	26A		0.00	87.0	100.0	87.00
18-May-90	9005065	24A		0.00	88.0	100.0	88.00
18-May-90	9005065	28A		0.00	86.0	100.0	86.00
18-May-90	9005065	20A		0.00	88.0	100.0	88.00
18-May-90	9005065	30A		0.00	87.0	100.0	87.00
18-May-90	9005065	16A		0.00	88.0	100.0	88.00
18-May-90	9005065	18A		0.00	88.0	100.0	88.00
18-May-90	9005065	36A		0.00	87.0	100.0	87.00
29-May-90	9005114	54A		0.00	88.0	100.0	88.00
29-May-90	9005103	39A		0.00	89.0	100.0	89.00
29-May-90	9005114	44A		0.00	88.0	100.0	88.00
29-May-90	9005114	38A		0.00	87.0	100.0	87.00
29-May-90	9005103	35A		0.00	88.0	100.0	88.00

NC: Not Calculable

TABLE 4. DETAILED LISTING OF SPIKE RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Date	Lab ID	Lab Fraction	Flag	Sample Result	Spiked Sample Result	Spike Added	% Recovery
Method: ICP 25 element scan							
Matrix: Groundwater							
Spiked Analyte = Strontium							
Type of Spike = Analytical Spike. continued							
29-May-90	9005114	34A		0.00	90.0	100.0	90.00
29-May-90	9005114	26A		0.00	89.0	100.0	89.00
29-May-90	9005114	42A		0.00	86.0	100.0	86.00
29-May-90	9005103	41A		0.00	88.0	100.0	88.00
29-May-90	9005114	48A		0.00	87.0	100.0	87.00
29-May-90	9005114	28A		0.00	90.0	100.0	90.00
29-May-90	9005114	52A		0.00	86.0	100.0	86.00
29-May-90	9005114	36A		0.00	90.0	100.0	90.00
29-May-90	9005103	37A		0.00	89.0	100.0	89.00
29-May-90	9005114	46A		0.00	88.0	100.0	88.00
29-May-90	9005103	43A		0.00	85.0	100.0	85.00
29-May-90	9005114	20A		0.00	88.0	100.0	88.00
29-May-90	9005114	30A		0.00	87.0	100.0	87.00
29-May-90	9005114	24A		0.00	91.0	100.0	91.00
29-May-90	9005103	45A		0.00	86.0	100.0	86.00
30-May-90	9005105	12A		0.00	82.0	100.0	82.00
30-May-90	9005105	16A		0.00	85.0	100.0	85.00
30-May-90	9005105	18A		0.00	84.0	100.0	84.00
30-May-90	9005105	20A		0.00	86.0	100.0	86.00
30-May-90	9005105	10A		0.00	84.0	100.0	84.00
01-Jun-90	9005141	27A		0.00	92.0	100.0	92.00
01-Jun-90	9005141	15A		0.00	90.0	100.0	90.00
01-Jun-90	9005141	37A		0.00	92.0	100.0	92.00
01-Jun-90	9005141	19A		0.00	83.0	100.0	83.00
01-Jun-90	9005141	17A		0.00	92.0	100.0	92.00
01-Jun-90	9005141	33A		0.00	92.0	100.0	92.00
01-Jun-90	9005141	29A		0.00	93.0	100.0	93.00
01-Jun-90	9005141	11A		0.00	92.0	100.0	92.00
01-Jun-90	9005141	13A		0.00	91.0	100.0	91.00
01-Jun-90	9005141	23A		0.00	91.0	100.0	91.00
01-Jun-90	9005141	31A		0.00	93.0	100.0	93.00
01-Jun-90	9005141	21A		0.00	90.0	100.0	90.00
01-Jun-90	9005141	35A		0.00	91.0	100.0	91.00
01-Jun-90	9005141	25A		0.00	92.0	100.0	92.00
01-Jun-90	9005141	09A		0.00	92.0	100.0	92.00
01-Jun-90	9005141	39A		0.00	89.0	100.0	89.00

NC: Not Calculable

TABLE 4. DETAILED LISTING OF SPIKE RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Date	Lab ID	Lab Fraction	Flag	Sample Result	Spiked Sample Result	Spike Added	% Recovery
Method: ICP 25 element scan							
Matrix: Groundwater							
Spiked Analyte = Strontium							
Type of Spike = Analytical Spike. continued							
05-Jun-90	9005105	14A		0.00	82.0	100.0	82.00
Type of Spike = Matrix Spike.							
11-May-90	9004290	11A		0.00	89.0	100.0	89.00
11-May-90	9004290	21A		0.00	100.0	100.0	100.00
11-May-90	9004290	13A		0.00	96.0	100.0	96.00
11-May-90	9004290	19A		0.00	88.0	100.0	88.00
14-May-90	9004276	29A		0.00	98.0	100.0	98.00
14-May-90	9004276	15A		0.00	95.0	100.0	95.00
14-May-90	9004276	17A		0.00	94.0	100.0	94.00
14-May-90	9004276	31A		0.00	99.0	100.0	99.00
16-May-90	9005012	27A		0.00	92.0	100.0	92.00
16-May-90	9005012	17A		0.00	85.0	100.0	85.00
16-May-90	9005012	29A		0.00	84.0	100.0	84.00
16-May-90	9005012	15A		0.00	87.0	100.0	87.00
16-May-90	9005012	14A		0.00	88.0	100.0	88.00
16-May-90	9005012	26A		0.00	94.0	100.0	94.00
16-May-90	9005012	30A		0.00	83.0	100.0	83.00
16-May-90	9005012	18A		0.00	85.0	100.0	85.00
29-May-90	9005103	38A		0.00	91.0	100.0	91.00
29-May-90	9005103	36A		0.00	88.0	100.0	88.00
30-May-90	9005105	11A		0.00	92.0	100.0	92.00
05-Jun-90	9005105	13A		0.00	99.0	100.0	99.00

Number of Samples = 164
Mean % Recovery = 89
Standard Deviation = 4.58

Below acceptance = 0
Above acceptance = 0
Acceptance Criteria 75.00 - 125.00

NC: Not Calculable

TABLE 4. DETAILED LISTING OF SPIKE RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Date	Lab ID	Lab Fraction	Flag	Sample Result	Spiked Sample Result	Spike Added	% Recovery
Method: ICP 25 element scan							
Matrix: Groundwater							
Spiked Analyte = Thallium							
Type of Spike = Analytical Spike.							
02-May-90	9004168	19A		0.00	84.0	100.0	84.00
02-May-90	9004179	17A		0.00	94.0	100.0	94.00
02-May-90	9004168	22A		0.00	90.0	100.0	90.00
02-May-90	9004179	23A		0.00	90.0	100.0	90.00
02-May-90	9004168	23A		0.00	84.0	100.0	84.00
02-May-90	9004179	13A		0.00	91.0	100.0	91.00
02-May-90	9004168	24A		0.00	76.0	100.0	76.00
02-May-90	9004168	18A		0.00	81.0	100.0	81.00
02-May-90	9004179	11A		0.00	96.0	100.0	96.00
02-May-90	9004179	15A		0.00	89.0	100.0	89.00
02-May-90	9004179	21A		0.00	87.0	100.0	87.00
02-May-90	9004168	20A		0.00	81.0	100.0	81.00
02-May-90	9004168	25A		0.00	91.0	100.0	91.00
02-May-90	9004179	19A		0.00	91.0	100.0	91.00
02-May-90	9004168	21A		0.00	91.0	100.0	91.00
03-May-90	9004195	20A		0.00	85.0	100.0	85.00
03-May-90	9004195	26A		0.00	89.0	100.0	89.00
03-May-90	9004195	14A		0.00	99.0	100.0	99.00
03-May-90	9004195	24A		0.00	88.0	100.0	88.00
03-May-90	9004195	30A		0.00	91.0	100.0	91.00
03-May-90	9004195	28A		0.00	94.0	100.0	94.00
03-May-90	9004195	22A		0.00	92.0	100.0	92.00
03-May-90	9004195	12A		0.00	100.0	100.0	100.00
03-May-90	9004195	18A		0.00	94.0	100.0	94.00
03-May-90	9004195	16A		0.00	91.0	100.0	91.00
07-May-90	9004248	42A		0.00	83.0	100.0	83.00
07-May-90	9004248	30A		0.00	79.0	100.0	79.00
07-May-90	9004218	10A		0.00	83.0	100.0	83.00
07-May-90	9004248	32A		0.00	78.0	100.0	78.00
07-May-90	9004248	22A		0.00	84.0	100.0	84.00
07-May-90	9004234	18A		0.00	83.0	100.0	83.00
07-May-90	9004248	20A		0.00	79.0	100.0	79.00
07-May-90	9004248	24A		0.00	82.0	100.0	82.00
07-May-90	9004218	08A		0.00	86.0	100.0	86.00
07-May-90	9004234	16A		0.00	78.0	100.0	78.00

NC: Not Calculable

TABLE 4. DETAILED LISTING OF SPIKE RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Date	Lab ID	Lab Fraction	Flag	Sample Result	Spiked Sample Result	Spike Added	% Recovery
Method: ICP 25 element scan							
Matrix: Groundwater							
Spiked Analyte = Thallium							
Type of Spike = Analytical Spike. continued							
07-May-90	9004218	04A		0.00	89.0	100.0	89.00
07-May-90	9004248	18A		0.00	79.0	100.0	79.00
07-May-90	9004218	06A		0.00	80.0	100.0	80.00
07-May-90	9004248	34A		0.00	81.0	100.0	81.00
07-May-90	9004234	10A		0.00	77.0	100.0	77.00
07-May-90	9004248	26A		0.00	79.0	100.0	79.00
07-May-90	9004248	38A		0.00	84.0	100.0	84.00
07-May-90	9004248	36A		0.00	85.0	100.0	85.00
07-May-90	9004248	40A		0.00	83.0	100.0	83.00
07-May-90	9004248	53A		0.00	80.0	100.0	80.00
07-May-90	9004248	16A		0.00	82.0	100.0	82.00
07-May-90	9004234	12A		0.00	80.0	100.0	80.00
08-May-90	9004179	10A		0.00	94.0	100.0	94.00
11-May-90	9004290	10A		0.00	84.0	100.0	84.00
11-May-90	9004290	14A		0.00	84.0	100.0	84.00
11-May-90	9004308	11A		0.00	77.0	100.0	77.00
11-May-90	9004308	15A		0.00	87.0	100.0	87.00
11-May-90	9004290	12A		0.00	79.0	100.0	79.00
11-May-90	9004308	13A		0.00	83.0	100.0	83.00
11-May-90	9004290	20A		0.00	79.0	100.0	79.00
11-May-90	9004290	22A		0.00	100.0	100.0	100.00
11-May-90	9004308	05A		0.00	88.0	100.0	88.00
11-May-90	9004308	09A		0.00	88.0	100.0	88.00
11-May-90	9004290	18A		0.00	78.0	100.0	78.00
11-May-90	9004308	07A		0.00	90.0	100.0	90.00
14-May-90	9004276	20A		0.00	85.0	100.0	85.00
14-May-90	9004276	40A		0.00	83.0	100.0	83.00
14-May-90	9004276	34A		0.00	84.0	100.0	84.00
14-May-90	9004276	30A		0.00	84.0	100.0	84.00
14-May-90	9004276	18A		0.00	79.0	100.0	79.00
14-May-90	9004276	24A		0.00	86.0	100.0	86.00
14-May-90	9004276	36A		0.00	86.0	100.0	86.00
14-May-90	9004276	38A		0.00	85.0	100.0	85.00
14-May-90	9004276	32A		0.00	80.0	100.0	80.00
14-May-90	9004276	26A		0.00	78.0	100.0	78.00
14-May-90	9004276	28A		0.00	82.0	100.0	82.00

NC: Not Calculable

TABLE 4. DETAILED LISTING OF SPIKE RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Date	Lab ID	Lab Fraction	Flag	Sample Result	Spiked Sample Result	Spike Added	% Recovery
Method: ICP 25 element scan							
Matrix: Groundwater							
Spiked Analyte = Thallium							
Type of Spike = Analytical Spike. continued							
14-May-90	9004276	22A		0.00	81.0	100.0	81.00
14-May-90	9004276	16A		0.00	83.0	100.0	83.00
14-May-90	9004276	14A		0.00	76.0	100.0	76.00
15-May-90	9005001	29A		0.00	82.0	100.0	82.00
15-May-90	9005001	37A		0.00	84.0	100.0	84.00
15-May-90	9005001	25A		0.00	81.0	100.0	81.00
15-May-90	9005001	27A		0.00	80.0	100.0	80.00
15-May-90	9005001	21A		0.00	81.0	100.0	81.00
15-May-90	9005001	33A		0.00	81.0	100.0	81.00
15-May-90	9005001	17A		0.00	82.0	100.0	82.00
15-May-90	9005001	31A		0.00	84.0	100.0	84.00
15-May-90	9005001	39A		0.00	84.0	100.0	84.00
15-May-90	9005001	19A		0.00	87.0	100.0	87.00
16-May-90	9005012	34A		0.00	83.0	100.0	83.00
16-May-90	9005012	24A		0.00	84.0	100.0	84.00
16-May-90	9005012	22A		0.00	81.0	100.0	81.00
16-May-90	9005012	20A		0.00	85.0	100.0	85.00
16-May-90	9005012	36A		0.00	79.0	100.0	79.00
16-May-90	9005012	32A		0.00	84.0	100.0	84.00
16-May-90	9005012	28A		0.00	80.0	100.0	80.00
16-May-90	9005012	16A		0.00	82.0	100.0	82.00
18-May-90	9005065	26A		0.00	82.0	100.0	82.00
18-May-90	9005065	20A		0.00	86.0	100.0	86.00
18-May-90	9005065	28A		0.00	86.0	100.0	86.00
18-May-90	9005065	36A		0.00	88.0	100.0	88.00
18-May-90	9005065	24A		0.00	83.0	100.0	83.00
18-May-90	9005065	16A		0.00	91.0	100.0	91.00
18-May-90	9005065	30A		0.00	87.0	100.0	87.00
18-May-90	9005065	18A		0.00	80.0	100.0	80.00
18-May-90	9005065	14A		0.00	86.0	100.0	86.00
18-May-90	9005065	32A		0.00	89.0	100.0	89.00
29-May-90	9005103	43A		0.00	87.0	100.0	87.00
29-May-90	9005114	54A		0.00	79.0	100.0	79.00
29-May-90	9005114	34A		0.00	78.0	100.0	78.00
29-May-90	9005103	37A		0.00	87.0	100.0	87.00
29-May-90	9005114	30A		0.00	75.0	100.0	75.00

NC: Not Calculable

TABLE 4. DETAILED LISTING OF SPIKE RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Date	Lab ID	Lab Fraction	Flag	Sample Result	Spiked Sample Result	Spike Added	% Recovery
Method: ICP 25 element scan							
Matrix: Groundwater							
Spiked Analyte = Thallium							
Type of Spike = Analytical Spike. continued							
29-May-90	9005114	46A		0.00	84.0	100.0	84.00
29-May-90	9005114	28A		0.00	89.0	100.0	89.00
29-May-90	9005114	44A		0.00	82.0	100.0	82.00
29-May-90	9005114	20A		0.00	83.0	100.0	83.00
29-May-90	9005114	42A		0.00	77.0	100.0	77.00
29-May-90	9005114	52A		0.00	84.0	100.0	84.00
29-May-90	9005103	35A		0.00	81.0	100.0	81.00
29-May-90	9005114	26A		0.00	92.0	100.0	92.00
29-May-90	9005114	24A		0.00	83.0	100.0	83.00
29-May-90	9005114	36A		0.00	80.0	100.0	80.00
29-May-90	9005103	41A		0.00	87.0	100.0	87.00
29-May-90	9005103	39A		0.00	95.0	100.0	95.00
29-May-90	9005103	45A		0.00	76.0	100.0	76.00
29-May-90	9005114	48A		0.00	80.0	100.0	80.00
29-May-90	9005114	38A		0.00	86.0	100.0	86.00
30-May-90	9005105	20A		0.00	81.0	100.0	81.00
30-May-90	9005105	18A		0.00	85.0	100.0	85.00
30-May-90	9005105	12A		0.00	89.0	100.0	89.00
30-May-90	9005105	16A		0.00	86.0	100.0	86.00
30-May-90	9005105	10A		0.00	80.0	100.0	80.00
01-Jun-90	9005141	21A		0.00	88.0	100.0	88.00
01-Jun-90	9005141	33A		0.00	88.0	100.0	88.00
01-Jun-90	9005141	19A		0.00	87.0	100.0	87.00
01-Jun-90	9005141	25A		0.00	96.0	100.0	96.00
01-Jun-90	9005141	15A		0.00	94.0	100.0	94.00
01-Jun-90	9005141	35A		0.00	91.0	100.0	91.00
01-Jun-90	9005141	11A		0.00	86.0	100.0	86.00
01-Jun-90	9005141	09A		0.00	85.0	100.0	85.00
01-Jun-90	9005141	29A		0.00	86.0	100.0	86.00
01-Jun-90	9005141	27A		0.00	88.0	100.0	88.00
01-Jun-90	9005141	39A		0.00	98.0	100.0	98.00
01-Jun-90	9005141	23A		0.00	92.0	100.0	92.00
01-Jun-90	9005141	31A		0.00	92.0	100.0	92.00
01-Jun-90	9005141	37A		0.00	86.0	100.0	86.00
01-Jun-90	9005141	13A		0.00	97.0	100.0	97.00
01-Jun-90	9005141	17A		0.00	86.0	100.0	86.00

NC: Not Calculable

TABLE 4. DETAILED LISTING OF SPIKE RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Date	Lab ID	Lab Fraction	Flag	Sample Result	Spiked Sample Result	Spike Added	% Recovery
Method: ICP 25 element scan							
Matrix: Groundwater							
Spiked Analyte = Thallium							
Type of Spike = Analytical Spike. continued							
05-Jun-90	9005105	14A		0.00	79.0	100.0	79.00
Type of Spike = Matrix Spike.							
11-May-90	9004290	13A		0.00	94.0	100.0	94.00
11-May-90	9004290	21A		0.00	89.0	100.0	89.00
11-May-90	9004290	19A		0.00	90.0	100.0	90.00
11-May-90	9004290	11A		0.00	88.0	100.0	88.00
14-May-90	9004276	17A		0.00	89.0	100.0	89.00
14-May-90	9004276	15A		0.00	83.0	100.0	83.00
14-May-90	9004276	31A		0.00	98.0	100.0	98.00
14-May-90	9004276	29A		0.00	94.0	100.0	94.00
16-May-90	9005012	30A		0.00	86.0	100.0	86.00
16-May-90	9005012	27A		0.00	87.0	100.0	87.00
16-May-90	9005012	29A		0.00	79.0	100.0	79.00
16-May-90	9005012	15A		0.00	89.0	100.0	89.00
16-May-90	9005012	18A		0.00	83.0	100.0	83.00
16-May-90	9005012	26A		0.00	88.0	100.0	88.00
16-May-90	9005012	14A		0.00	90.0	100.0	90.00
16-May-90	9005012	17A		0.00	78.0	100.0	78.00
29-May-90	9005103	38A		0.00	84.0	100.0	84.00
29-May-90	9005103	36A		0.00	95.0	100.0	95.00
30-May-90	9005105	11A		0.00	80.0	100.0	80.00
05-Jun-90	9005105	13A		0.00	94.0	100.0	94.00

Number of Samples = 164
Mean % Recovery = 85
Standard Deviation = 5.47

Below acceptance = 0
Above acceptance = 0
Acceptance Criteria 75.00 - 125.00

NC: Not Calculable

TABLE 4. DETAILED LISTING OF SPIKE RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Date	Lab ID	Lab Fraction	Flag	Sample Result	Spiked Sample Result	Spike Added	% Recovery
Method: ICP 25 element scan							
Matrix: Groundwater							
Spiked Analyte = Vanadium							
Type of Spike = Analytical Spike.							
02-May-90	9004168	20A		0.00	84.0	100.0	84.00
02-May-90	9004168	21A		0.00	92.0	100.0	92.00
02-May-90	9004179	23A		0.00	90.0	100.0	90.00
02-May-90	9004168	19A		0.00	85.0	100.0	85.00
02-May-90	9004179	13A		0.00	89.0	100.0	89.00
02-May-90	9004179	21A		0.00	88.0	100.0	88.00
02-May-90	9004168	22A		0.00	92.0	100.0	92.00
02-May-90	9004168	18A		0.00	84.0	100.0	84.00
02-May-90	9004179	15A		0.00	85.0	100.0	85.00
02-May-90	9004179	19A		0.00	90.0	100.0	90.00
02-May-90	9004179	11A		0.00	91.0	100.0	91.00
02-May-90	9004179	17A		0.00	93.0	100.0	93.00
02-May-90	9004168	23A		0.00	85.0	100.0	85.00
02-May-90	9004168	24A		0.00	76.0	100.0	76.00
02-May-90	9004168	25A		0.00	88.0	100.0	88.00
03-May-90	9004195	12A		0.00	99.0	100.0	99.00
03-May-90	9004195	20A		0.00	90.0	100.0	90.00
03-May-90	9004195	22A		0.00	94.0	100.0	94.00
03-May-90	9004195	16A		0.00	96.0	100.0	96.00
03-May-90	9004195	30A		0.00	93.0	100.0	93.00
03-May-90	9004195	18A		0.00	97.0	100.0	97.00
03-May-90	9004195	14A		0.00	98.0	100.0	98.00
03-May-90	9004195	24A		0.00	88.0	100.0	88.00
03-May-90	9004195	28A		0.00	93.0	100.0	93.00
03-May-90	9004195	26A		0.00	88.0	100.0	88.00
07-May-90	9004248	30A		0.00	85.0	100.0	85.00
07-May-90	9004234	16A		0.00	84.0	100.0	84.00
07-May-90	9004248	24A		0.00	85.0	100.0	85.00
07-May-90	9004234	18A		0.00	85.0	100.0	85.00
07-May-90	9004234	12A		0.00	85.0	100.0	85.00
07-May-90	9004248	38A		0.00	86.0	100.0	86.00
07-May-90	9004234	10A		0.00	82.0	100.0	82.00
07-May-90	9004248	53A		0.00	86.0	100.0	86.00
07-May-90	9004248	22A		0.00	86.0	100.0	86.00
07-May-90	9004248	18A		0.00	84.0	100.0	84.00

NC: Not Calculable

TABLE 4. DETAILED LISTING OF SPIKE RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Date	Lab ID	Lab Fraction	Flag	Sample Result	Spiked Sample Result	Spike Added	% Recovery
Method: ICP 25 element scan							
Matrix: Groundwater							
Spiked Analyte = Vanadium							
Type of Spike = Analytical Spike. continued							
07-May-90	9004218	04A		0.00	80.0	100.0	80.00
07-May-90	9004248	20A		0.00	85.0	100.0	85.00
07-May-90	9004218	10A		0.00	83.0	100.0	83.00
07-May-90	9004248	32A		0.00	85.0	100.0	85.00
07-May-90	9004248	34A		0.00	85.0	100.0	85.00
07-May-90	9004248	42A		0.00	86.0	100.0	86.00
07-May-90	9004248	16A		0.00	85.0	100.0	85.00
07-May-90	9004248	26A		0.00	84.0	100.0	84.00
07-May-90	9004248	40A		0.00	85.0	100.0	85.00
07-May-90	9004248	36A		0.00	86.0	100.0	86.00
07-May-90	9004218	06A		0.00	86.0	100.0	86.00
07-May-90	9004218	08A		0.00	86.0	100.0	86.00
08-May-90	9004179	10A		0.00	98.0	100.0	98.00
11-May-90	9004290	14A		0.00	86.0	100.0	86.00
11-May-90	9004308	05A		0.00	88.0	100.0	88.00
11-May-90	9004290	20A		0.00	85.0	100.0	85.00
11-May-90	9004290	12A		0.00	86.0	100.0	86.00
11-May-90	9004290	10A		0.00	87.0	100.0	87.00
11-May-90	9004290	18A		0.00	86.0	100.0	86.00
11-May-90	9004308	15A		0.00	86.0	100.0	86.00
11-May-90	9004308	13A		0.00	88.0	100.0	88.00
11-May-90	9004290	22A		0.00	86.0	100.0	86.00
11-May-90	9004308	09A		0.00	88.0	100.0	88.00
11-May-90	9004308	11A		0.00	86.0	100.0	86.00
11-May-90	9004308	07A		0.00	89.0	100.0	89.00
14-May-90	9004276	22A		0.00	86.0	100.0	86.00
14-May-90	9004276	30A		0.00	85.0	100.0	85.00
14-May-90	9004276	16A		0.00	85.0	100.0	85.00
14-May-90	9004276	40A		0.00	86.0	100.0	86.00
14-May-90	9004276	24A		0.00	86.0	100.0	86.00
14-May-90	9004276	26A		0.00	86.0	100.0	86.00
14-May-90	9004276	18A		0.00	85.0	100.0	85.00
14-May-90	9004276	14A		0.00	86.0	100.0	86.00
14-May-90	9004276	28A		0.00	86.0	100.0	86.00
14-May-90	9004276	36A		0.00	90.0	100.0	90.00
14-May-90	9004276	20A		0.00	86.0	100.0	86.00

NC: Not Calculable

TABLE 4. DETAILED LISTING OF SPIKE RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Date	Lab ID	Lab Fraction	Flag	Sample Result	Spiked Sample Result	Spike Added	% Recovery
Method: ICP 25 element scan							
Matrix: Groundwater							
Spiked Analyte = Vanadium							
Type of Spike = Analytical Spike. continued							
14-May-90	9004276	38A		0.00	87.0	100.0	87.00
14-May-90	9004276	32A		0.00	83.0	100.0	83.00
14-May-90	9004276	34A		0.00	89.0	100.0	89.00
15-May-90	9005001	31A		0.00	89.0	100.0	89.00
15-May-90	9005001	27A		0.00	88.0	100.0	88.00
15-May-90	9005001	21A		0.00	88.0	100.0	88.00
15-May-90	9005001	39A		0.00	89.0	100.0	89.00
15-May-90	9005001	37A		0.00	88.0	100.0	88.00
15-May-90	9005001	19A		0.00	90.0	100.0	90.00
15-May-90	9005001	29A		0.00	87.0	100.0	87.00
15-May-90	9005001	17A		0.00	89.0	100.0	89.00
15-May-90	9005001	33A		0.00	90.0	100.0	90.00
15-May-90	9005001	25A		0.00	90.0	100.0	90.00
16-May-90	9005012	32A		0.00	84.0	100.0	84.00
16-May-90	9005012	24A		0.00	84.0	100.0	84.00
16-May-90	9005012	28A		0.00	84.0	100.0	84.00
16-May-90	9005012	22A		0.00	84.0	100.0	84.00
16-May-90	9005012	16A		0.00	86.0	100.0	86.00
16-May-90	9005012	36A		0.00	86.0	100.0	86.00
16-May-90	9005012	20A		0.00	82.0	100.0	82.00
16-May-90	9005012	34A		0.00	85.0	100.0	85.00
18-May-90	9005065	28A		0.00	87.0	100.0	87.00
18-May-90	9005065	24A		0.00	88.0	100.0	88.00
18-May-90	9005065	16A		0.00	88.0	100.0	88.00
18-May-90	9005065	18A		0.00	88.0	100.0	88.00
18-May-90	9005065	26A		0.00	87.0	100.0	87.00
18-May-90	9005065	32A		0.00	88.0	100.0	88.00
18-May-90	9005065	14A		0.00	88.0	100.0	88.00
18-May-90	9005065	30A		0.00	87.0	100.0	87.00
18-May-90	9005065	20A		0.00	88.0	100.0	88.00
18-May-90	9005065	36A		0.00	87.0	100.0	87.00
29-May-90	9005103	35A		0.00	87.0	100.0	87.00
29-May-90	9005114	44A		0.00	87.0	100.0	87.00
29-May-90	9005103	43A		0.00	85.0	100.0	85.00
29-May-90	9005114	46A		0.00	88.0	100.0	88.00
29-May-90	9005114	48A		0.00	86.0	100.0	86.00

NC: Not Calculable

TABLE 4. DETAILED LISTING OF SPIKE RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Date	Lab ID	Lab Fraction	Flag	Sample Result	Spiked Sample Result	Spike Added	% Recovery
Method: ICP 25 element scan							
Matrix: Groundwater							
Spiked Analyte = Vanadium							
Type of Spike = Analytical Spike. continued							
29-May-90	9005114	20A		0.00	89.0	100.0	89.00
29-May-90	9005114	54A		0.00	88.0	100.0	88.00
29-May-90	9005114	28A		0.00	89.0	100.0	89.00
29-May-90	9005114	26A		0.00	88.0	100.0	88.00
29-May-90	9005103	45A		0.00	86.0	100.0	86.00
29-May-90	9005103	41A		0.00	88.0	100.0	88.00
29-May-90	9005114	36A		0.00	90.0	100.0	90.00
29-May-90	9005103	39A		0.00	89.0	100.0	89.00
29-May-90	9005114	34A		0.00	89.0	100.0	89.00
29-May-90	9005103	37A		0.00	88.0	100.0	88.00
29-May-90	9005114	52A		0.00	85.0	100.0	85.00
29-May-90	9005114	24A		0.00	91.0	100.0	91.00
29-May-90	9005114	42A		0.00	86.0	100.0	86.00
29-May-90	9005114	38A		0.00	87.0	100.0	87.00
29-May-90	9005114	30A		0.00	87.0	100.0	87.00
30-May-90	9005105	12A		0.00	81.0	100.0	81.00
30-May-90	9005105	16A		0.00	84.0	100.0	84.00
30-May-90	9005105	20A		0.00	85.0	100.0	85.00
30-May-90	9005105	10A		0.00	84.0	100.0	84.00
30-May-90	9005105	18A		0.00	84.0	100.0	84.00
01-Jun-90	9005141	19A		0.00	84.0	100.0	84.00
01-Jun-90	9005141	23A		0.00	91.0	100.0	91.00
01-Jun-90	9005141	11A		0.00	92.0	100.0	92.00
01-Jun-90	9005141	35A		0.00	90.0	100.0	90.00
01-Jun-90	9005141	37A		0.00	92.0	100.0	92.00
01-Jun-90	9005141	21A		0.00	90.0	100.0	90.00
01-Jun-90	9005141	27A		0.00	93.0	100.0	93.00
01-Jun-90	9005141	15A		0.00	91.0	100.0	91.00
01-Jun-90	9005141	31A		0.00	92.0	100.0	92.00
01-Jun-90	9005141	17A		0.00	91.0	100.0	91.00
01-Jun-90	9005141	29A		0.00	91.0	100.0	91.00
01-Jun-90	9005141	39A		0.00	90.0	100.0	90.00
01-Jun-90	9005141	09A		0.00	92.0	100.0	92.00
01-Jun-90	9005141	33A		0.00	91.0	100.0	91.00
01-Jun-90	9005141	25A		0.00	91.0	100.0	91.00
01-Jun-90	9005141	13A		0.00	90.0	100.0	90.00

NC: Not Calculable

TABLE 4. DETAILED LISTING OF SPIKE RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Date	Lab ID	Lab Fraction	Flag	Sample Result	Spiked Sample Result	Spike Added	% Recovery
Method: ICP 25 element scan							
Matrix: Groundwater							
Spiked Analyte = Vanadium							
Type of Spike = Analytical Spike. continued							
05-Jun-90	9005105	14A		0.00	81.0	100.0	81.00
Type of Spike = Matrix Spike.							
11-May-90	9004290	11A		0.00	86.0	100.0	86.00
11-May-90	9004290	19A		0.00	90.0	100.0	90.00
11-May-90	9004290	21A		0.00	96.0	100.0	96.00
11-May-90	9004290	13A		0.00	96.0	100.0	96.00
14-May-90	9004276	15A		0.00	90.0	100.0	90.00
14-May-90	9004276	29A		0.00	94.0	100.0	94.00
14-May-90	9004276	31A		0.00	95.0	100.0	95.00
14-May-90	9004276	17A		0.00	90.0	100.0	90.00
16-May-90	9005012	29A		0.00	84.0	100.0	84.00
16-May-90	9005012	26A		0.00	93.0	100.0	93.00
16-May-90	9005012	27A		0.00	92.0	100.0	92.00
16-May-90	9005012	30A		0.00	83.0	100.0	83.00
16-May-90	9005012	15A		0.00	88.0	100.0	88.00
16-May-90	9005012	17A		0.00	85.0	100.0	85.00
16-May-90	9005012	18A		0.00	85.0	100.0	85.00
16-May-90	9005012	14A		0.00	87.0	100.0	87.00
29-May-90	9005103	38A		0.00	93.0	100.0	93.00
29-May-90	9005103	36A		0.00	94.0	100.0	94.00
30-May-90	9005105	11A		0.00	93.0	100.0	93.00
05-Jun-90	9005105	13A		0.00	93.0	100.0	93.00

Number of Samples = 164
Mean % Recovery = 87
Standard Deviation = 3.66

Below acceptance = 0
Above acceptance = 0
Acceptance Criteria 75.00 - 125.00

NC: Not Calculable

TABLE 4. DETAILED LISTING OF SPIKE RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Date	Lab ID	Lab Fraction	Flag	Sample Result	Spiked Sample Result	Spike Added	% Recovery
Method: ICP 25 element scan							
Matrix: Groundwater							
Spiked Analyte = Zinc							
Type of Spike = Analytical Spike.							
02-May-90	9004168	21A		0.00	94.0	100.0	94.00
02-May-90	9004168	22A		0.00	77.0	100.0	77.00
02-May-90	9004168	23A		0.00	90.0	100.0	90.00
02-May-90	9004168	24A		0.00	80.0	100.0	80.00
02-May-90	9004179	23A		0.00	93.0	100.0	93.00
02-May-90	9004168	25A		0.00	91.0	100.0	91.00
02-May-90	9004179	21A		0.00	90.0	100.0	90.00
02-May-90	9004179	11A		0.00	94.0	100.0	94.00
02-May-90	9004179	13A		0.00	99.0	100.0	99.00
02-May-90	9004179	15A		0.00	89.0	100.0	89.00
02-May-90	9004179	17A		0.00	96.0	100.0	96.00
02-May-90	9004179	19A		0.00	93.0	100.0	93.00
02-May-90	9004168	18A		0.00	86.0	100.0	86.00
02-May-90	9004168	19A		0.00	87.0	100.0	87.00
02-May-90	9004168	20A		0.00	87.0	100.0	87.00
03-May-90	9004195	30A		0.00	94.0	100.0	94.00
03-May-90	9004195	28A		0.00	94.0	100.0	94.00
03-May-90	9004195	26A		0.00	89.0	100.0	89.00
03-May-90	9004195	24A		0.00	89.0	100.0	89.00
03-May-90	9004195	22A		0.00	95.0	100.0	95.00
03-May-90	9004195	20A		0.00	91.0	100.0	91.00
03-May-90	9004195	18A		0.00	99.0	100.0	99.00
03-May-90	9004195	16A		0.00	98.0	100.0	98.00
03-May-90	9004195	14A		0.00	100.0	100.0	100.00
03-May-90	9004195	12A		0.00	98.0	100.0	98.00
07-May-90	9004248	36A		0.00	86.0	100.0	86.00
07-May-90	9004234	18A		0.00	87.0	100.0	87.00
07-May-90	9004248	16A		0.00	85.0	100.0	85.00
07-May-90	9004248	38A		0.00	86.0	100.0	86.00
07-May-90	9004218	04A		0.00	83.0	100.0	83.00
07-May-90	9004248	40A		0.00	86.0	100.0	86.00
07-May-90	9004248	22A		0.00	85.0	100.0	85.00
07-May-90	9004248	42A		0.00	86.0	100.0	86.00
07-May-90	9004248	26A		0.00	84.0	100.0	84.00
07-May-90	9004218	10A		0.00	85.0	100.0	85.00

NC: Not Calculable

TABLE 4. DETAILED LISTING OF SPIKE RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Date	Lab ID	Lab Fraction	Flag	Sample Result	Spiked Sample Result	Spike Added	% Recovery
Method: ICP 25 element scan							
Matrix: Groundwater							
Spiked Analyte = Zinc							
Type of Spike = Analytical Spike. continued							
07-May-90	9004234	16A		0.00	87.0	100.0	87.00
07-May-90	9004218	06A		0.00	89.0	100.0	89.00
07-May-90	9004248	53A		0.00	86.0	100.0	86.00
07-May-90	9004248	20A		0.00	85.0	100.0	85.00
07-May-90	9004248	24A		0.00	85.0	100.0	85.00
07-May-90	9004234	12A		0.00	86.0	100.0	86.00
07-May-90	9004248	18A		0.00	84.0	100.0	84.00
07-May-90	9004218	08A		0.00	88.0	100.0	88.00
07-May-90	9004234	10A		0.00	85.0	100.0	85.00
07-May-90	9004248	30A		0.00	85.0	100.0	85.00
07-May-90	9004248	32A		0.00	85.0	100.0	85.00
07-May-90	9004248	34A		0.00	85.0	100.0	85.00
08-May-90	9004179	10A		0.00	98.0	100.0	98.00
11-May-90	9004308	09A		0.00	88.0	100.0	88.00
11-May-90	9004308	07A		0.00	89.0	100.0	89.00
11-May-90	9004308	15A		0.00	86.0	100.0	86.00
11-May-90	9004308	13A		0.00	87.0	100.0	87.00
11-May-90	9004290	12A		0.00	84.0	100.0	84.00
11-May-90	9004290	20A		0.00	84.0	100.0	84.00
11-May-90	9004308	11A		0.00	85.0	100.0	85.00
11-May-90	9004290	14A		0.00	85.0	100.0	85.00
11-May-90	9004290	22A		0.00	85.0	100.0	85.00
11-May-90	9004290	10A		0.00	87.0	100.0	87.00
11-May-90	9004290	18A		0.00	85.0	100.0	85.00
11-May-90	9004308	05A		0.00	87.0	100.0	87.00
14-May-90	9004276	28A		0.00	85.0	100.0	85.00
14-May-90	9004276	16A		0.00	84.0	100.0	84.00
14-May-90	9004276	38A		0.00	86.0	100.0	86.00
14-May-90	9004276	14A		0.00	85.0	100.0	85.00
14-May-90	9004276	40A		0.00	85.0	100.0	85.00
14-May-90	9004276	30A		0.00	84.0	100.0	84.00
14-May-90	9004276	36A		0.00	89.0	100.0	89.00
14-May-90	9004276	18A		0.00	84.0	100.0	84.00
14-May-90	9004276	24A		0.00	85.0	100.0	85.00
14-May-90	9004276	20A		0.00	85.0	100.0	85.00
14-May-90	9004276	34A		0.00	88.0	100.0	88.00

NC: Not Calculable

TABLE 4. DETAILED LISTING OF SPIKE RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Method: ICP 25 element scan
Matrix: Groundwater
Spiked Analyte = Zinc
Type of Spike = Analytical Spike. continued

Date	Lab ID	Lab Fraction	Flag	Sample Result	Spiked Sample Result	Spike Added	% Recovery
14-May-90	9004276	32A		0.00	82.0	100.0	82.00
14-May-90	9004276	22A		0.00	85.0	100.0	85.00
14-May-90	9004276	26A		0.00	85.0	100.0	85.00
15-May-90	9005001	39A		0.00	89.0	100.0	89.00
15-May-90	9005001	17A		0.00	88.0	100.0	88.00
15-May-90	9005001	27A		0.00	87.0	100.0	87.00
15-May-90	9005001	21A		0.00	87.0	100.0	87.00
15-May-90	9005001	29A		0.00	87.0	100.0	87.00
15-May-90	9005001	33A		0.00	88.0	100.0	88.00
15-May-90	9005001	25A		0.00	89.0	100.0	89.00
15-May-90	9005001	31A		0.00	88.0	100.0	88.00
15-May-90	9005001	19A		0.00	89.0	100.0	89.00
15-May-90	9005001	37A		0.00	88.0	100.0	88.00
16-May-90	9005012	20A		0.00	82.0	100.0	82.00
16-May-90	9005012	36A		0.00	85.0	100.0	85.00
16-May-90	9005012	34A		0.00	84.0	100.0	84.00
16-May-90	9005012	24A		0.00	83.0	100.0	83.00
16-May-90	9005012	22A		0.00	83.0	100.0	83.00
16-May-90	9005012	28A		0.00	84.0	100.0	84.00
16-May-90	9005012	16A		0.00	85.0	100.0	85.00
16-May-90	9005012	32A		0.00	84.0	100.0	84.00
18-May-90	9005065	20A		0.00	89.0	100.0	89.00
18-May-90	9005065	18A		0.00	90.0	100.0	90.00
18-May-90	9005065	36A		0.00	90.0	100.0	90.00
18-May-90	9005065	28A		0.00	89.0	100.0	89.00
18-May-90	9005065	26A		0.00	90.0	100.0	90.00
18-May-90	9005065	14A		0.00	90.0	100.0	90.00
18-May-90	9005065	24A		0.00	90.0	100.0	90.00
18-May-90	9005065	32A		0.00	90.0	100.0	90.00
18-May-90	9005065	30A		0.00	90.0	100.0	90.00
18-May-90	9005065	16A		0.00	90.0	100.0	90.00
29-May-90	9005114	48A		0.00	85.0	100.0	85.00
29-May-90	9005103	37A		0.00	84.0	100.0	84.00
29-May-90	9005103	35A		0.00	86.0	100.0	86.00
29-May-90	9005114	36A		0.00	88.0	100.0	88.00
29-May-90	9005114	44A		0.00	87.0	100.0	87.00

NC: Not Calculable

TABLE 4. DETAILED LISTING OF SPIKE RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Date	Lab ID	Lab Fraction	Flag	Sample Result	Spiked Sample Result	Spike Added	% Recovery
Method: ICP 25 element scan							
Matrix: Groundwater							
Spiked Analyte = Zinc							
Type of Spike = Analytical Spike. continued							
29-May-90	9005114	20A		0.00	84.0	100.0	84.00
29-May-90	9005114	34A		0.00	88.0	100.0	88.00
29-May-90	9005103	39A		0.00	88.0	100.0	88.00
29-May-90	9005103	41A		0.00	88.0	100.0	88.00
29-May-90	9005103	45A		0.00	84.0	100.0	84.00
29-May-90	9005114	42A		0.00	85.0	100.0	85.00
29-May-90	9005114	52A		0.00	84.0	100.0	84.00
29-May-90	9005114	24A		0.00	89.0	100.0	89.00
29-May-90	9005114	26A		0.00	87.0	100.0	87.00
29-May-90	9005114	38A		0.00	86.0	100.0	86.00
29-May-90	9005114	54A		0.00	87.0	100.0	87.00
29-May-90	9005114	46A		0.00	87.0	100.0	87.00
29-May-90	9005114	28A		0.00	88.0	100.0	88.00
29-May-90	9005114	30A		0.00	86.0	100.0	86.00
29-May-90	9005103	43A		0.00	83.0	100.0	83.00
30-May-90	9005105	10A		0.00	82.0	100.0	82.00
30-May-90	9005105	18A		0.00	82.0	100.0	82.00
30-May-90	9005105	16A		0.00	82.0	100.0	82.00
30-May-90	9005105	20A		0.00	83.0	100.0	83.00
30-May-90	9005105	12A		0.00	80.0	100.0	80.00
01-Jun-90	9005141	37A		0.00	90.0	100.0	90.00
01-Jun-90	9005141	29A		0.00	90.0	100.0	90.00
01-Jun-90	9005141	39A		0.00	89.0	100.0	89.00
01-Jun-90	9005141	17A		0.00	90.0	100.0	90.00
01-Jun-90	9005141	27A		0.00	91.0	100.0	91.00
01-Jun-90	9005141	15A		0.00	89.0	100.0	89.00
01-Jun-90	9005141	21A		0.00	89.0	100.0	89.00
01-Jun-90	9005141	25A		0.00	90.0	100.0	90.00
01-Jun-90	9005141	11A		0.00	91.0	100.0	91.00
01-Jun-90	9005141	35A		0.00	90.0	100.0	90.00
01-Jun-90	9005141	23A		0.00	90.0	100.0	90.00
01-Jun-90	9005141	13A		0.00	89.0	100.0	89.00
01-Jun-90	9005141	19A		0.00	81.0	100.0	81.00
01-Jun-90	9005141	09A		0.00	91.0	100.0	91.00
01-Jun-90	9005141	31A		0.00	90.0	100.0	90.00
01-Jun-90	9005141	33A		0.00	90.0	100.0	90.00

NC: Not Calculable

TABLE 4. DETAILED LISTING OF SPIKE RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Date	Lab ID	Lab Fraction	Flag	Sample Result	Spiked Sample Result	Spike Added	% Recovery
Method: ICP 25 element scan							
Matrix: Groundwater							
Spiked Analyte = Zinc							
Type of Spike = Analytical Spike. continued							
05-Jun-90	9005105	14A		0.00	80.0	100.0	80.00
Type of Spike = Matrix Spike.							
11-May-90	9004290	11A		0.00	89.0	100.0	89.00
11-May-90	9004290	19A		0.00	90.0	100.0	90.00
11-May-90	9004290	13A		0.00	99.0	100.0	99.00
11-May-90	9004290	21A		0.00	97.0	100.0	97.00
14-May-90	9004276	31A		0.00	98.0	100.0	98.00
14-May-90	9004276	29A		0.00	97.0	100.0	97.00
14-May-90	9004276	17A		0.00	91.0	100.0	91.00
14-May-90	9004276	15A		0.00	92.0	100.0	92.00
16-May-90	9005012	17A		0.00	83.0	100.0	83.00
16-May-90	9005012	15A		0.00	88.0	100.0	88.00
16-May-90	9005012	18A		0.00	83.0	100.0	83.00
16-May-90	9005012	27A		0.00	92.0	100.0	92.00
16-May-90	9005012	26A		0.00	94.0	100.0	94.00
16-May-90	9005012	29A		0.00	83.0	100.0	83.00
16-May-90	9005012	30A		0.00	82.0	100.0	82.00
16-May-90	9005012	14A		0.00	87.0	100.0	87.00
29-May-90	9005103	36A		0.00	92.0	100.0	92.00
29-May-90	9005103	38A		0.00	92.0	100.0	92.00
30-May-90	9005105	11A		0.00	93.0	100.0	93.00
05-Jun-90	9005105	13A		0.00	124.0	100.0	124.00

Number of Samples = 164
Mean % Recovery = 88
Standard Deviation = 5.09

Below acceptance = 0
Above acceptance = 0
Acceptance Criteria 75.00 - 125.00

NC: Not Calculable

TABLE 4. DETAILED LISTING OF SPIKE RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Date	Lab ID	Lab Fraction	Flag	Sample Result	Spiked Sample Result	Spike Added	% Recovery
Method: ICP 25 element scan							
Matrix: Water (Field/Trip QC)							
Spiked Analyte = Aluminum							
Type of Spike = Analytical Spike.							
07-May-90	9004248	28A		0.00	92.0	100.0	92.00
07-May-90	9004234	14A		0.00	88.0	100.0	88.00
07-May-90	9004248	51A		0.00	92.0	100.0	92.00
07-May-90	9004234	20A		0.00	88.0	100.0	88.00
11-May-90	9004290	24A		0.00	88.0	100.0	88.00
11-May-90	9004290	16A		0.00	89.0	100.0	89.00
15-May-90	9005001	23A		0.00	94.0	100.0	94.00
15-May-90	9005001	35A		0.00	94.0	100.0	94.00
18-May-90	9005065	34A		0.00	90.0	100.0	90.00
18-May-90	9005065	22A		0.00	91.0	100.0	91.00
29-May-90	9005114	22A		0.00	96.0	100.0	96.00
29-May-90	9005114	32A		0.00	92.0	100.0	92.00
29-May-90	9005114	50A		0.00	92.0	100.0	92.00
29-May-90	9005114	40A		0.00	93.0	100.0	93.00

Number of Samples = 14 — Below acceptance = 0
Mean % Recovery = 91 — Above acceptance = 0
Standard Deviation = 2.49 — Acceptance Criteria 75.00 - 125.00

Date	Lab ID	Lab Fraction	Flag	Sample Result	Spiked Sample Result	Spike Added	% Recovery
Method: ICP 25 element scan							
Matrix: Water (Field/Trip QC)							
Spiked Analyte = Antimony							
Type of Spike = Analytical Spike.							
07-May-90	9004248	51A		0.00	85.0	100.0	85.00
07-May-90	9004234	14A		0.00	84.0	100.0	84.00
07-May-90	9004248	28A		0.00	86.0	100.0	86.00
07-May-90	9004234	20A		0.00	83.0	100.0	83.00
11-May-90	9004290	24A		0.00	83.0	100.0	83.00
11-May-90	9004290	16A		0.00	85.0	100.0	85.00
15-May-90	9005001	35A		0.00	87.0	100.0	87.00
15-May-90	9005001	23A		0.00	83.0	100.0	83.00
18-May-90	9005065	22A		0.00	80.0	100.0	80.00

NC: Not Calculable

TABLE 4. DETAILED LISTING OF SPIKE RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Date	Lab ID	Lab Fraction	Flag	Sample Result	Spiked Sample Result	Spike Added	% Recovery
Method: ICP 25 element scan							
Matrix: Water (Field/Trip QC)							
Spiked Analyte = Antimony							
Type of Spike = Analytical Spike. continued							
18-May-90	9005065	34A		0.00	79.0	100.0	79.00
29-May-90	9005114	50A		0.00	87.0	100.0	87.00
29-May-90	9005114	32A		0.00	90.0	100.0	90.00
29-May-90	9005114	22A		0.00	80.0	100.0	80.00
29-May-90	9005114	40A		0.00	91.0	100.0	91.00

Number of Samples = 14 — Below acceptance = 0
Mean % Recovery = 84 — Above acceptance = 0
Standard Deviation = 3.56 — Acceptance Criteria 75.00 - 125.00

Method: ICP 25 element scan							
Matrix: Water (Field/Trip QC)							
Spiked Analyte = Arsenic							
Type of Spike = Analytical Spike.							
07-May-90	9004234	14A		0.00	100.0	100.0	100.00
07-May-90	9004248	28A		0.00	105.0	100.0	105.00
07-May-90	9004248	51A		0.00	103.0	100.0	103.00
07-May-90	9004234	20A		0.00	100.0	100.0	100.00
11-May-90	9004290	24A		0.00	102.0	100.0	102.00
11-May-90	9004290	16A		0.00	102.0	100.0	102.00
15-May-90	9005001	23A		0.00	104.0	100.0	104.00
15-May-90	9005001	35A		0.00	105.0	100.0	105.00
18-May-90	9005065	22A		0.00	104.0	100.0	104.00
18-May-90	9005065	34A		0.00	101.0	100.0	101.00
29-May-90	9005114	40A		0.00	101.0	100.0	101.00
29-May-90	9005114	22A		0.00	102.0	100.0	102.00
29-May-90	9005114	32A		0.00	101.0	100.0	101.00
29-May-90	9005114	50A		0.00	104.0	100.0	104.00

Number of Samples = 14 — Below acceptance = 0
Mean % Recovery = 102 — Above acceptance = 0
Standard Deviation = 1.74 — Acceptance Criteria 75.00 - 125.00

NC: Not Calculable

TABLE 4. DETAILED LISTING OF SPIKE RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Date	Lab ID	Lab Fraction	Flag	Sample Result	Spiked Sample Result	Spike Added	% Recovery
Method: ICP 25 element scan							
Matrix: Water (Field/Trip QC)							
Spiked Analyte = Barium							
Type of Spike = Analytical Spike.							
07-May-90	9004234	20A		0.00	87.0	100.0	87.00
07-May-90	9004234	14A		0.00	88.0	100.0	88.00
07-May-90	9004248	28A		0.00	87.0	100.0	87.00
07-May-90	9004248	51A		0.00	88.0	100.0	88.00
11-May-90	9004290	16A		0.00	88.0	100.0	88.00
11-May-90	9004290	24A		0.00	87.0	100.0	87.00
15-May-90	9005001	35A		0.00	91.0	100.0	91.00
15-May-90	9005001	23A		0.00	92.0	100.0	92.00
18-May-90	9005065	34A		0.00	89.0	100.0	89.00
18-May-90	9005065	22A		0.00	90.0	100.0	90.00
29-May-90	9005114	32A		0.00	91.0	100.0	91.00
29-May-90	9005114	40A		0.00	88.0	100.0	88.00
29-May-90	9005114	50A		0.00	89.0	100.0	89.00
29-May-90	9005114	22A		0.00	87.0	100.0	87.00

Number of Samples = 14 — Below acceptance = 0
Mean % Recovery = 88 — Above acceptance = 0
Standard Deviation = 1.68 — Acceptance Criteria 75.00 - 125.00

Date	Lab ID	Lab Fraction	Flag	Sample Result	Spiked Sample Result	Spike Added	% Recovery
Method: ICP 25 element scan							
Matrix: Water (Field/Trip QC)							
Spiked Analyte = Beryllium							
Type of Spike = Analytical Spike.							
07-May-90	9004248	51A		0.00	88.0	100.0	88.00
07-May-90	9004248	28A		0.00	87.0	100.0	87.00
07-May-90	9004234	14A		0.00	88.0	100.0	88.00
07-May-90	9004234	20A		0.00	87.0	100.0	87.00
11-May-90	9004290	24A		0.00	89.0	100.0	89.00
11-May-90	9004290	16A		0.00	89.0	100.0	89.00
15-May-90	9005001	23A		0.00	93.0	100.0	93.00
15-May-90	9005001	35A		0.00	92.0	100.0	92.00
18-May-90	9005065	34A		0.00	90.0	100.0	90.00

NC: Not Calculable

TABLE 4. DETAILED LISTING OF SPIKE RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Date	Lab ID	Lab Fraction	Flag	Sample Result	Spiked Sample Result	Spike Added	% Recovery
Method: ICP 25 element scan							
Matrix: Water (Field/Trip QC)							
Spiked Analyte = Beryllium							
Type of Spike = Analytical Spike. continued							
18-May-90	9005065	22A		0.00	90.0	100.0	90.00
29-May-90	9005114	32A		0.00	92.0	100.0	92.00
29-May-90	9005114	50A		0.00	91.0	100.0	91.00
29-May-90	9005114	22A		0.00	89.0	100.0	89.00
29-May-90	9005114	40A		0.00	90.0	100.0	90.00

Number of Samples = 14 Below acceptance = 0
Mean % Recovery = 89 Above acceptance = 0
Standard Deviation = 1.86 Acceptance Criteria 75.00 - 125.00

Method: ICP 25 element scan							
Matrix: Water (Field/Trip QC)							
Spiked Analyte = Boron							
Type of Spike = Analytical Spike.							
07-May-90	9004234	20A		0.00	95.0	100.0	95.00
07-May-90	9004234	14A		0.00	93.0	100.0	93.00
07-May-90	9004248	51A		0.00	111.0	100.0	111.00
07-May-90	9004248	28A		0.00	109.0	100.0	109.00
11-May-90	9004290	24A		0.00	92.0	100.0	92.00
11-May-90	9004290	16A		0.00	88.0	100.0	88.00
15-May-90	9005001	35A		0.00	123.0	100.0	123.00
15-May-90	9005001	23A		0.00	123.0	100.0	123.00
18-May-90	9005065	34A		0.00	100.0	100.0	100.00
18-May-90	9005065	22A		0.00	118.0	100.0	118.00
29-May-90	9005114	32A		0.00	93.0	100.0	93.00
29-May-90	9005114	50A		0.00	93.0	100.0	93.00
29-May-90	9005114	22A		0.00	94.0	100.0	94.00
29-May-90	9005114	40A		0.00	91.0	100.0	91.00

Number of Samples = 14 Below acceptance = 0
Mean % Recovery = 101 Above acceptance = 0
Standard Deviation = 12.53 Acceptance Criteria 75.00 - 125.00

NC: Not Calculable

TABLE 4. DETAILED LISTING OF SPIKE RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Date	Lab ID	Lab Fraction	Flag	Sample Result	Spiked Sample Result	Spike Added	% Recovery
Method: ICP 25 element scan							
Matrix: Water (Field/Trip QC)							
Spiked Analyte = Cadmium							
Type of Spike = Analytical Spike.							
07-May-90	9004234	20A		0.00	84.0	100.0	84.00
07-May-90	9004234	14A		0.00	85.0	100.0	85.00
07-May-90	9004248	28A		0.00	85.0	100.0	85.00
07-May-90	9004248	51A		0.00	86.0	100.0	86.00
11-May-90	9004290	24A		0.00	86.0	100.0	86.00
11-May-90	9004290	16A		0.00	86.0	100.0	86.00
15-May-90	9005001	35A		0.00	90.0	100.0	90.00
15-May-90	9005001	23A		0.00	90.0	100.0	90.00
18-May-90	9005065	34A		0.00	88.0	100.0	88.00
18-May-90	9005065	22A		0.00	88.0	100.0	88.00
29-May-90	9005114	22A		0.00	85.0	100.0	85.00
29-May-90	9005114	50A		0.00	87.0	100.0	87.00
29-May-90	9005114	32A		0.00	88.0	100.0	88.00
29-May-90	9005114	40A		0.00	85.0	100.0	85.00

Number of Samples = 14 — Below acceptance = 0
Mean % Recovery = 86 — Above acceptance = 0
Standard Deviation = 1.90 — Acceptance Criteria 75.00 - 125.00

Date	Lab ID	Lab Fraction	Flag	Sample Result	Spiked Sample Result	Spike Added	% Recovery
Method: ICP 25 element scan							
Matrix: Water (Field/Trip QC)							
Spiked Analyte = Calcium							
Type of Spike = Analytical Spike.							
07-May-90	9004234	14A		0.00	93.0	100.0	93.00
07-May-90	9004248	28A		0.00	94.0	100.0	94.00
07-May-90	9004234	20A		0.00	93.0	100.0	93.00
07-May-90	9004248	51A		0.00	92.0	100.0	92.00
11-May-90	9004290	16A		0.00	91.0	100.0	91.00
11-May-90	9004290	24A		0.00	90.0	100.0	90.00
15-May-90	9005001	35A		0.00	94.0	100.0	94.00
15-May-90	9005001	23A		0.00	94.0	100.0	94.00
18-May-90	9005065	34A		0.00	91.0	100.0	91.00

NC: Not Calculable

TABLE 4. DETAILED LISTING OF SPIKE RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Date	Lab ID	Lab Fraction	Flag	Sample Result	Spiked Sample Result	Spike Added	% Recovery
Method: ICP 25 element scan							
Matrix: Water (Field/Trip QC)							
Spiked Analyte = Calcium							
Type of Spike = Analytical Spike. continued							
18-May-90	9005065	22A		0.00	92.0	100.0	92.00
29-May-90	9005114	40A		0.00	102.0	100.0	102.00
29-May-90	9005114	50A		0.00	100.0	100.0	100.00
29-May-90	9005114	32A		0.00	101.0	100.0	101.00
29-May-90	9005114	22A		0.00	100.0	100.0	100.00

Number of Samples = 14 Below acceptance = 0
Mean % Recovery = 94 Above acceptance = 0
Standard Deviation = 4.11 Acceptance Criteria 75.00 - 125.00

Method: ICP 25 element scan							
Matrix: Water (Field/Trip QC)							
Spiked Analyte = Chromium							
Type of Spike = Analytical Spike.							
07-May-90	9004248	51A		0.00	86.0	100.0	86.00
07-May-90	9004234	14A		0.00	86.0	100.0	86.00
07-May-90	9004248	28A		0.00	85.0	100.0	85.00
07-May-90	9004234	20A		0.00	85.0	100.0	85.00
11-May-90	9004290	16A		0.00	85.0	100.0	85.00
11-May-90	9004290	24A		0.00	86.0	100.0	86.00
15-May-90	9005001	23A		0.00	91.0	100.0	91.00
15-May-90	9005001	35A		0.00	90.0	100.0	90.00
18-May-90	9005065	22A		0.00	88.0	100.0	88.00
18-May-90	9005065	34A		0.00	87.0	100.0	87.00
29-May-90	9005114	22A		0.00	85.0	100.0	85.00
29-May-90	9005114	32A		0.00	87.0	100.0	87.00
29-May-90	9005114	40A		0.00	87.0	100.0	87.00
29-May-90	9005114	50A		0.00	87.0	100.0	87.00

Number of Samples = 14 Below acceptance = 0
Mean % Recovery = 86 Above acceptance = 0
Standard Deviation = 1.84 Acceptance Criteria 75.00 - 125.00

NC: Not Calculable

TABLE 4. DETAILED LISTING OF SPIKE RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Date	Lab ID	Lab Fraction	Flag	Sample Result	Spiked Sample Result	Spike Added	% Recovery
Method: ICP 25 element scan							
Matrix: Water (Field/Trip QC)							
Spiked Analyte = Cobalt							
Type of Spike = Analytical Spike.							
07-May-90	9004234	20A		0.00	85.0	100.0	85.00
07-May-90	9004234	14A		0.00	86.0	100.0	86.00
07-May-90	9004248	28A		0.00	84.0	100.0	84.00
07-May-90	9004248	51A		0.00	85.0	100.0	85.00
11-May-90	9004290	24A		0.00	85.0	100.0	85.00
11-May-90	9004290	16A		0.00	86.0	100.0	86.00
15-May-90	9005001	23A		0.00	90.0	100.0	90.00
15-May-90	9005001	35A		0.00	89.0	100.0	89.00
18-May-90	9005065	22A		0.00	88.0	100.0	88.00
18-May-90	9005065	34A		0.00	87.0	100.0	87.00
29-May-90	9005114	32A		0.00	88.0	100.0	88.00
29-May-90	9005114	22A		0.00	85.0	100.0	85.00
29-May-90	9005114	50A		0.00	87.0	100.0	87.00
29-May-90	9005114	40A		0.00	86.0	100.0	86.00

Number of Samples = 14 — Below acceptance = 0
Mean % Recovery = 86 — Above acceptance = 0
Standard Deviation = 1.74 — Acceptance Criteria 75.00 - 125.00

Date	Lab ID	Lab Fraction	Flag	Sample Result	Spiked Sample Result	Spike Added	% Recovery
Method: ICP 25 element scan							
Matrix: Water (Field/Trip QC)							
Spiked Analyte = Copper							
Type of Spike = Analytical Spike.							
07-May-90	9004234	20A		0.00	85.0	100.0	85.00
07-May-90	9004248	28A		0.00	86.0	100.0	86.00
07-May-90	9004234	14A		0.00	86.0	100.0	86.00
07-May-90	9004248	51A		0.00	86.0	100.0	86.00
11-May-90	9004290	24A		0.00	87.0	100.0	87.00
11-May-90	9004290	16A		0.00	87.0	100.0	87.00
15-May-90	9005001	23A		0.00	91.0	100.0	91.00
15-May-90	9005001	35A		0.00	90.0	100.0	90.00
18-May-90	9005065	34A		0.00	86.0	100.0	86.00

NC: Not Calculable

TABLE 4. DETAILED LISTING OF SPIKE RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Date	Lab ID	Lab Fraction	Flag	Sample Result	Spiked Sample Result	Spike Added	% Recovery
Method: ICP 25 element scan							
Matrix: Water (Field/Trip QC)							
Spiked Analyte = Copper							
Type of Spike = Analytical Spike. continued							
18-May-90	9005065	22A		0.00	88.0	100.0	88.00
29-May-90	9005114	40A		0.00	89.0	100.0	89.00
29-May-90	9005114	50A		0.00	88.0	100.0	88.00
29-May-90	9005114	32A		0.00	87.0	100.0	87.00
29-May-90	9005114	22A		0.00	88.0	100.0	88.00

Number of Samples = 14 Below acceptance = 0
Mean % Recovery = 87 Above acceptance = 0
Standard Deviation = 1.69 Acceptance Criteria 75.00 - 125.00

Method: ICP 25 element scan							
Matrix: Water (Field/Trip QC)							
Spiked Analyte = Iron							
Type of Spike = Analytical Spike.							
07-May-90	9004248	28A		0.00	90.0	100.0	90.00
07-May-90	9004234	14A		0.00	88.0	100.0	88.00
07-May-90	9004234	20A		0.00	87.0	100.0	87.00
07-May-90	9004248	51A		0.00	90.0	100.0	90.00
11-May-90	9004290	16A		0.00	87.0	100.0	87.00
11-May-90	9004290	24A		0.00	87.0	100.0	87.00
15-May-90	9005001	35A		0.00	91.0	100.0	91.00
15-May-90	9005001	23A		0.00	91.0	100.0	91.00
18-May-90	9005065	22A		0.00	88.0	100.0	88.00
18-May-90	9005065	34A		0.00	88.0	100.0	88.00
29-May-90	9005114	22A		0.00	86.0	100.0	86.00
29-May-90	9005114	40A		0.00	89.0	100.0	89.00
29-May-90	9005114	50A		0.00	89.0	100.0	89.00
29-May-90	9005114	32A		0.00	87.0	100.0	87.00

Number of Samples = 14 Below acceptance = 0
Mean % Recovery = 88 Above acceptance = 0
Standard Deviation = 1.60 Acceptance Criteria 75.00 - 125.00

NC: Not Calculable

TABLE 4. DETAILED LISTING OF SPIKE RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Date	Lab ID	Lab Fraction	Flag	Sample Result	Spiked Sample Result	Spike Added	% Recovery
Method: ICP 25 element scan							
Matrix: Water (Field/Trip QC)							
Spiked Analyte = Lead							
Type of Spike = Analytical Spike.							
07-May-90	9004248	51A		0.00	83.0	100.0	83.00
07-May-90	9004234	20A		0.00	80.0	100.0	80.00
07-May-90	9004234	14A		0.00	84.0	100.0	84.00
07-May-90	9004248	28A		0.00	83.0	100.0	83.00
11-May-90	9004290	16A		0.00	82.0	100.0	82.00
11-May-90	9004290	24A		0.00	78.0	100.0	78.00
15-May-90	9005001	35A		0.00	83.0	100.0	83.00
15-May-90	9005001	23A		0.00	88.0	100.0	88.00
18-May-90	9005065	34A		0.00	85.0	100.0	85.00
18-May-90	9005065	22A		0.00	84.0	100.0	84.00
29-May-90	9005114	40A		0.00	82.0	100.0	82.00
29-May-90	9005114	22A		0.00	80.0	100.0	80.00
29-May-90	9005114	32A		0.00	85.0	100.0	85.00
29-May-90	9005114	50A		0.00	83.0	100.0	83.00

Number of Samples = 14 — Below acceptance = 0
Mean % Recovery = 82 — Above acceptance = 0
Standard Deviation = 2.47 — Acceptance Criteria 75.00 - 125.00

Date	Lab ID	Lab Fraction	Flag	Sample Result	Spiked Sample Result	Spike Added	% Recovery
Method: ICP 25 element scan							
Matrix: Water (Field/Trip QC)							
Spiked Analyte = Magnesium							
Type of Spike = Analytical Spike.							
07-May-90	9004248	51A		0.00	92.0	100.0	92.00
07-May-90	9004248	28A		0.00	92.0	100.0	92.00
07-May-90	9004234	14A		0.00	88.0	100.0	88.00
07-May-90	9004234	20A		0.00	87.0	100.0	87.00
11-May-90	9004290	24A		0.00	89.0	100.0	89.00
11-May-90	9004290	16A		0.00	89.0	100.0	89.00
15-May-90	9005001	23A		0.00	94.0	100.0	94.00
15-May-90	9005001	35A		0.00	94.0	100.0	94.00
18-May-90	9005065	22A		0.00	90.0	100.0	90.00

NC: Not Calculable

TABLE 4. DETAILED LISTING OF SPIKE RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Date	Lab ID	Lab Fraction	Flag	Sample Result	Spiked Sample Result	Spike Added	% Recovery
Method: ICP 25 element scan							
Matrix: Water (Field/Trip QC)							
Spiked Analyte = Magnesium							
Type of Spike = Analytical Spike. continued							
18-May-90	9005065	34A		0.00	89.0	100.0	89.00
29-May-90	9005114	50A		0.00	92.0	100.0	92.00
29-May-90	9005114	22A		0.00	90.0	100.0	90.00
29-May-90	9005114	32A		0.00	92.0	100.0	92.00
29-May-90	9005114	40A		0.00	93.0	100.0	93.00

Number of Samples = 14 Below acceptance = 0
Mean % Recovery = 90 Above acceptance = 0
Standard Deviation = 2.22 Acceptance Criteria 75.00 - 125.00

Method: ICP 25 element scan							
Matrix: Water (Field/Trip QC)							
Spiked Analyte = Manganese							
Type of Spike = Analytical Spike.							
07-May-90	9004248	51A		0.00	86.0	100.0	86.00
07-May-90	9004234	14A		0.00	86.0	100.0	86.00
07-May-90	9004248	28A		0.00	85.0	100.0	85.00
07-May-90	9004234	20A		0.00	85.0	100.0	85.00
11-May-90	9004290	24A		0.00	85.0	100.0	85.00
11-May-90	9004290	16A		0.00	85.0	100.0	85.00
15-May-90	9005001	35A		0.00	89.0	100.0	89.00
15-May-90	9005001	23A		0.00	90.0	100.0	90.00
18-May-90	9005065	22A		0.00	87.0	100.0	87.00
18-May-90	9005065	34A		0.00	87.0	100.0	87.00
29-May-90	9005114	32A		0.00	88.0	100.0	88.00
29-May-90	9005114	40A		0.00	86.0	100.0	86.00
29-May-90	9005114	22A		0.00	86.0	100.0	86.00
29-May-90	9005114	50A		0.00	86.0	100.0	86.00

Number of Samples = 14 Below acceptance = 0
Mean % Recovery = 86 Above acceptance = 0
Standard Deviation = 1.55 Acceptance Criteria 75.00 - 125.00

NC: Not Calculable

TABLE 4. DETAILED LISTING OF SPIKE RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Date	Lab ID	Lab Fraction	Flag	Sample Result	Spiked Sample Result	Spike Added	% Recovery
Method: ICP 25 element scan							
Matrix: Water (Field/Trip QC)							
Spiked Analyte = Molybdenum							
Type of Spike = Analytical Spike.							
07-May-90	9004234	14A		0.00	84.0	100.0	84.00
07-May-90	9004248	28A		0.00	85.0	100.0	85.00
07-May-90	9004248	51A		0.00	87.0	100.0	87.00
07-May-90	9004234	20A		0.00	83.0	100.0	83.00
11-May-90	9004290	16A		0.00	84.0	100.0	84.00
11-May-90	9004290	24A		0.00	83.0	100.0	83.00
15-May-90	9005001	23A		0.00	88.0	100.0	88.00
15-May-90	9005001	35A		0.00	86.0	100.0	86.00
18-May-90	9005065	22A		0.00	89.0	100.0	89.00
18-May-90	9005065	34A		0.00	90.0	100.0	90.00
29-May-90	9005114	22A		0.00	84.0	100.0	84.00
29-May-90	9005114	50A		0.00	86.0	100.0	86.00
29-May-90	9005114	40A		0.00	85.0	100.0	85.00
29-May-90	9005114	32A		0.00	87.0	100.0	87.00

Number of Samples = 14 | Below acceptance = 0
Mean % Recovery = 85 | Above acceptance = 0
Standard Deviation = 2.19 | Acceptance Criteria 75.00 - 125.00

Date	Lab ID	Lab Fraction	Flag	Sample Result	Spiked Sample Result	Spike Added	% Recovery
Method: ICP 25 element scan							
Matrix: Water (Field/Trip QC)							
Spiked Analyte = Nickel							
Type of Spike = Analytical Spike.							
07-May-90	9004248	28A		0.00	85.0	100.0	85.00
07-May-90	9004248	51A		0.00	87.0	100.0	87.00
07-May-90	9004234	20A		0.00	86.0	100.0	86.00
07-May-90	9004234	14A		0.00	87.0	100.0	87.00
11-May-90	9004290	24A		0.00	86.0	100.0	86.00
11-May-90	9004290	16A		0.00	86.0	100.0	86.00
15-May-90	9005001	35A		0.00	90.0	100.0	90.00
15-May-90	9005001	23A		0.00	90.0	100.0	90.00
18-May-90	9005065	34A		0.00	87.0	100.0	87.00

NC: Not Calculable

TABLE 4. DETAILED LISTING OF SPIKE RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Date	Lab ID	Lab Fraction	Flag	Sample Result	Spiked Sample Result	Spike Added	% Recovery
Method: ICP 25 element scan							
Matrix: Water (Field/Trip QC)							
Spiked Analyte = Nickel							
Type of Spike = Analytical Spike. continued							
18-May-90	9005065	22A		0.00	89.0	100.0	89.00
29-May-90	9005114	22A		0.00	86.0	100.0	86.00
29-May-90	9005114	32A		0.00	86.0	100.0	86.00
29-May-90	9005114	50A		0.00	86.0	100.0	86.00
29-May-90	9005114	40A		0.00	87.0	100.0	87.00

Number of Samples = 14 Below acceptance = 0
Mean % Recovery = 87 Above acceptance = 0
Standard Deviation = 1.56 Acceptance Criteria 75.00 - 125.00

Method: ICP 25 element scan							
Matrix: Water (Field/Trip QC)							
Spiked Analyte = Potassium							
Type of Spike = Analytical Spike.							
07-May-90	9004234	14A		0.00	87.0	100.0	87.00
07-May-90	9004248	51A		0.00	89.0	100.0	89.00
07-May-90	9004248	28A		0.00	90.0	100.0	90.00
07-May-90	9004234	20A		0.00	87.0	100.0	87.00
11-May-90	9004290	24A		0.00	87.0	100.0	87.00
11-May-90	9004290	16A		0.00	87.0	100.0	87.00
15-May-90	9005001	35A		0.00	92.0	100.0	92.00
15-May-90	9005001	23A		0.00	91.0	100.0	91.00
18-May-90	9005065	22A		0.00	87.0	100.0	87.00
18-May-90	9005065	34A		0.00	88.0	100.0	88.00
29-May-90	9005114	22A		0.00	88.0	100.0	88.00
29-May-90	9005114	32A		0.00	91.0	100.0	91.00
29-May-90	9005114	40A		0.00	91.0	100.0	91.00
29-May-90	9005114	50A		0.00	90.0	100.0	90.00

Number of Samples = 14 Below acceptance = 0
Mean % Recovery = 88 Above acceptance = 0
Standard Deviation = 1.85 Acceptance Criteria 75.00 - 125.00

NC: Not Calculable

TABLE 4. DETAILED LISTING OF SPIKE RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Date	Lab ID	Lab Fraction	Flag	Sample Result	Spiked Sample Result	Spike Added	% Recovery
Method: ICP 25 element scan							
Matrix: Water (Field/Trip QC)							
Spiked Analyte = Selenium							
Type of Spike = Analytical Spike.							
07-May-90	9004234	14A		0.00	90.0	100.0	90.00
07-May-90	9004234	20A		0.00	87.0	100.0	87.00
07-May-90	9004248	28A		0.00	87.0	100.0	87.00
07-May-90	9004248	51A		0.00	88.0	100.0	88.00
11-May-90	9004290	24A		0.00	88.0	100.0	88.00
11-May-90	9004290	16A		0.00	88.0	100.0	88.00
15-May-90	9005001	35A		0.00	91.0	100.0	91.00
15-May-90	9005001	23A		0.00	91.0	100.0	91.00
18-May-90	9005065	34A		0.00	92.0	100.0	92.00
18-May-90	9005065	22A		0.00	95.0	100.0	95.00
29-May-90	9005114	40A		0.00	90.0	100.0	90.00
29-May-90	9005114	22A		0.00	86.0	100.0	86.00
29-May-90	9005114	50A		0.00	95.0	100.0	95.00
29-May-90	9005114	32A		0.00	88.0	100.0	88.00

Number of Samples = 14 — Below acceptance = 0
Mean % Recovery = 89 — Above acceptance = 0
Standard Deviation = 2.84 — Acceptance Criteria 75.00 - 125.00

Date	Lab ID	Lab Fraction	Flag	Sample Result	Spiked Sample Result	Spike Added	% Recovery
Method: ICP 25 element scan							
Matrix: Water (Field/Trip QC)							
Spiked Analyte = Silicon							
Type of Spike = Analytical Spike.							
07-May-90	9004248	51A		0.00	88.0	100.0	88.00
07-May-90	9004234	20A		0.00	83.0	100.0	83.00
07-May-90	9004248	28A		0.00	88.0	100.0	88.00
07-May-90	9004234	14A		0.00	84.0	100.0	84.00
11-May-90	9004290	16A		0.00	88.0	100.0	88.00
11-May-90	9004290	24A		0.00	89.0	100.0	89.00
15-May-90	9005001	35A		0.00	104.0	100.0	104.00
15-May-90	9005001	23A		0.00	104.0	100.0	104.00
18-May-90	9005065	22A		0.00	105.0	100.0	105.00

NC: Not Calculable

TABLE 4. DETAILED LISTING OF SPIKE RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Date	Lab ID	Lab Fraction	Flag	Sample Result	Spiked Sample Result	Spike Added	% Recovery
Method: ICP 25 element scan							
Matrix: Water (Field/Trip QC)							
Spiked Analyte = Silicon							
Type of Spike = Analytical Spike. continued							
18-May-90	9005065	34A		0.00	108.0	100.0	108.00
29-May-90	9005114	50A		0.00	94.0	100.0	94.00
29-May-90	9005114	22A		0.00	93.0	100.0	93.00
29-May-90	9005114	40A		0.00	90.0	100.0	90.00
29-May-90	9005114	32A		0.00	92.0	100.0	92.00

Number of Samples = 14 Below acceptance = 0
Mean % Recovery = 93 Above acceptance = 0
Standard Deviation = 8.27 Acceptance Criteria 75.00 - 125.00

Method: ICP 25 element scan							
Matrix: Water (Field/Trip QC)							
Spiked Analyte = Silver							
Type of Spike = Analytical Spike.							
07-May-90	9004234	20A		0.00	88.0	100.0	88.00
07-May-90	9004234	14A		0.00	93.0	100.0	93.00
07-May-90	9004248	28A		0.00	85.0	100.0	85.00
07-May-90	9004248	51A		0.00	86.0	100.0	86.00
11-May-90	9004290	24A		0.00	86.0	100.0	86.00
11-May-90	9004290	16A		0.00	87.0	100.0	87.00
15-May-90	9005001	35A		0.00	89.0	100.0	89.00
15-May-90	9005001	23A		0.00	90.0	100.0	90.00
18-May-90	9005065	22A		0.00	84.0	100.0	84.00
18-May-90	9005065	34A		0.00	83.0	100.0	83.00
29-May-90	9005114	32A		0.00	89.0	100.0	89.00
29-May-90	9005114	40A		0.00	86.0	100.0	86.00
29-May-90	9005114	22A		0.00	85.0	100.0	85.00
29-May-90	9005114	50A		0.00	86.0	100.0	86.00

Number of Samples = 14 Below acceptance = 0
Mean % Recovery = 86 Above acceptance = 0
Standard Deviation = 2.64 Acceptance Criteria 75.00 - 125.00

NC: Not Calculable

TABLE 4. DETAILED LISTING OF SPIKE RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Date	Lab ID	Lab Fraction	Flag	Sample Result	Spiked Sample Result	Spike Added	% Recovery
Method: ICP 25 element scan							
Matrix: Water (Field/Trip QC)							
Spiked Analyte = Sodium							
Type of Spike = Analytical Spike.							
07-May-90	9004248	51A		0.00	91.0	100.0	91.00
07-May-90	9004248	28A		0.00	92.0	100.0	92.00
07-May-90	9004234	14A		0.00	85.0	100.0	85.00
07-May-90	9004234	20A		0.00	86.0	100.0	86.00
11-May-90	9004290	24A		0.00	88.0	100.0	88.00
11-May-90	9004290	16A		0.00	89.0	100.0	89.00
15-May-90	9005001	23A		0.00	94.0	100.0	94.00
15-May-90	9005001	35A		0.00	94.0	100.0	94.00
18-May-90	9005065	34A		0.00	106.0	100.0	106.00
18-May-90	9005065	22A		0.00	99.0	100.0	99.00
29-May-90	9005114	50A		0.00	91.0	100.0	91.00
29-May-90	9005114	40A		0.00	92.0	100.0	92.00
29-May-90	9005114	32A		0.00	91.0	100.0	91.00
29-May-90	9005114	22A		0.00	90.0	100.0	90.00

Number of Samples = 14 — Below acceptance = 0
Mean % Recovery = 92 — Above acceptance = 0
Standard Deviation = 5.33 — Acceptance Criteria 75.00 - 125.00

Method: ICP 25 element scan							
Matrix: Water (Field/Trip QC)							
Spiked Analyte = Strontium							
Type of Spike = Analytical Spike.							
07-May-90	9004234	20A		0.00	87.0	100.0	87.00
07-May-90	9004248	28A		0.00	87.0	100.0	87.00
07-May-90	9004248	51A		0.00	87.0	100.0	87.00
07-May-90	9004234	14A		0.00	88.0	100.0	88.00
11-May-90	9004290	16A		0.00	87.0	100.0	87.00
11-May-90	9004290	24A		0.00	87.0	100.0	87.00
15-May-90	9005001	35A		0.00	91.0	100.0	91.00
15-May-90	9005001	23A		0.00	92.0	100.0	92.00
18-May-90	9005065	22A		0.00	89.0	100.0	89.00

NC: Not Calculable

TABLE 4. DETAILED LISTING OF SPIKE RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Date	Lab ID	Lab Fraction	Flag	Sample Result	Spiked Sample Result	Spike Added	% Recovery
Method: ICP 25 element scan							
Matrix: Water (Field/Trip QC)							
Spiked Analyte = Strontium							
Type of Spike = Analytical Spike. continued							
18-May-90	9005065	34A		0.00	88.0	100.0	88.00
29-May-90	9005114	22A		0.00	87.0	100.0	87.00
29-May-90	9005114	32A		0.00	91.0	100.0	91.00
29-May-90	9005114	50A		0.00	88.0	100.0	88.00
29-May-90	9005114	40A		0.00	88.0	100.0	88.00

Number of Samples = 14 Below acceptance = 0
Mean % Recovery = 88 Above acceptance = 0
Standard Deviation = 1.73 Acceptance Criteria 75.00 - 125.00

Method: ICP 25 element scan							
Matrix: Water (Field/Trip QC)							
Spiked Analyte = Thallium							
Type of Spike = Analytical Spike.							
07-May-90	9004248	28A		0.00	80.0	100.0	80.00
07-May-90	9004248	51A		0.00	81.0	100.0	81.00
07-May-90	9004234	14A		0.00	81.0	100.0	81.00
07-May-90	9004234	20A		0.00	82.0	100.0	82.00
11-May-90	9004290	24A		0.00	90.0	100.0	90.00
11-May-90	9004290	16A		0.00	85.0	100.0	85.00
15-May-90	9005001	35A		0.00	86.0	100.0	86.00
15-May-90	9005001	23A		0.00	87.0	100.0	87.00
18-May-90	9005065	22A		0.00	90.0	100.0	90.00
18-May-90	9005065	34A		0.00	90.0	100.0	90.00
29-May-90	9005114	50A		0.00	86.0	100.0	86.00
29-May-90	9005114	40A		0.00	80.0	100.0	80.00
29-May-90	9005114	22A		0.00	80.0	100.0	80.00
29-May-90	9005114	32A		0.00	90.0	100.0	90.00

Number of Samples = 14 Below acceptance = 0
Mean % Recovery = 84 Above acceptance = 0
Standard Deviation = 4.12 Acceptance Criteria 75.00 - 125.00

NC: Not Calculable

TABLE 4. DETAILED LISTING OF SPIKE RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Date	Lab ID	Lab Fraction	Flag	Sample Result	Spiked Sample Result	Spike Added	% Recovery
Method: ICP 25 element scan							
Matrix: Water (Field/Trip QC)							
Spiked Analyte = Vanadium							
Type of Spike = Analytical Spike.							
07-May-90	9004248	51A		0.00	86.0	100.0	86.00
07-May-90	9004234	14A		0.00	84.0	100.0	84.00
07-May-90	9004248	28A		0.00	86.0	100.0	86.00
07-May-90	9004234	20A		0.00	83.0	100.0	83.00
11-May-90	9004290	24A		0.00	87.0	100.0	87.00
11-May-90	9004290	16A		0.00	88.0	100.0	88.00
15-May-90	9005001	23A		0.00	91.0	100.0	91.00
15-May-90	9005001	35A		0.00	90.0	100.0	90.00
18-May-90	9005065	22A		0.00	89.0	100.0	89.00
18-May-90	9005065	34A		0.00	88.0	100.0	88.00
29-May-90	9005114	32A		0.00	90.0	100.0	90.00
29-May-90	9005114	40A		0.00	88.0	100.0	88.00
29-May-90	9005114	22A		0.00	86.0	100.0	86.00
29-May-90	9005114	50A		0.00	88.0	100.0	88.00

Number of Samples = 14 — Below acceptance = 0
Mean % Recovery = 87 — Above acceptance = 0
Standard Deviation = 2.27 — Acceptance Criteria 75.00 - 125.00

Date	Lab ID	Lab Fraction	Flag	Sample Result	Spiked Sample Result	Spike Added	% Recovery
Method: ICP 25 element scan							
Matrix: Water (Field/Trip QC)							
Spiked Analyte = Zinc							
Type of Spike = Analytical Spike.							
07-May-90	9004248	51A		0.00	87.0	100.0	87.00
07-May-90	9004248	28A		0.00	86.0	100.0	86.00
07-May-90	9004234	14A		0.00	86.0	100.0	86.00
07-May-90	9004234	20A		0.00	86.0	100.0	86.00
11-May-90	9004290	24A		0.00	86.0	100.0	86.00
11-May-90	9004290	16A		0.00	88.0	100.0	88.00
15-May-90	9005001	23A		0.00	91.0	100.0	91.00
15-May-90	9005001	35A		0.00	90.0	100.0	90.00
18-May-90	9005065	22A		0.00	90.0	100.0	90.00

NC: Not Calculable

TABLE 4. DETAILED LISTING OF SPIKE RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Date	Lab ID	Lab Fraction	Flag	Sample Result	Spiked Sample Result	Spike Added	% Recovery
Method: ICP 25 element scan							
Matrix: Water (Field/Trip QC)							
Spiked Analyte = Zinc							
Type of Spike = Analytical Spike. continued							
18-May-90	9005065	34A		0.00	91.0	100.0	91.00
29-May-90	9005114	22A		0.00	85.0	100.0	85.00
29-May-90	9005114	40A		0.00	87.0	100.0	87.00
29-May-90	9005114	32A		0.00	90.0	100.0	90.00
29-May-90	9005114	50A		0.00	87.0	100.0	87.00

Number of Samples = 14 Below acceptance = 0
Mean % Recovery = 87 Above acceptance = 0
Standard Deviation = 2.10 Acceptance Criteria 75.00 - 125.00

Method: ICP 25 element scan							
Matrix: Surface Water							
Spiked Analyte = Aluminum							
Type of Spike = Analytical Spike.							
18-May-90	9005083	38A		0.00	85.0	100.0	85.00
18-May-90	9005083	40A		0.00	84.0	100.0	84.00
18-May-90	9005083	20A		0.00	88.0	100.0	88.00
18-May-90	9005083	42A		0.00	86.0	100.0	86.00
18-May-90	9005083	44A		0.00	86.0	100.0	86.00
18-May-90	9005083	26A		0.00	88.0	100.0	88.00
18-May-90	9005083	22A		0.00	89.0	100.0	89.00
18-May-90	9005083	46A		0.00	84.0	100.0	84.00
18-May-90	9005083	24A		0.00	87.0	100.0	87.00
18-May-90	9005083	48A		0.00	84.0	100.0	84.00
18-May-90	9005083	28A		0.00	89.0	100.0	89.00
18-May-90	9005083	30A		0.00	87.0	100.0	87.00
18-May-90	9005083	32A		0.00	89.0	100.0	89.00
18-May-90	9005083	18A		0.00	89.0	100.0	89.00
18-May-90	9005083	34A		0.00	88.0	100.0	88.00
18-May-90	9005083	36A		0.00	87.0	100.0	87.00
29-May-90	9005103	27A		0.00	90.0	100.0	90.00
29-May-90	9005103	31A		0.00	95.0	100.0	95.00
29-May-90	9005103	33A		0.00	92.0	100.0	92.00

NC: Not Calculable

TABLE 4. DETAILED LISTING OF SPIKE RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Date	Lab ID	Lab Fraction	Flag	Sample Result	Spiked Sample Result	Spike Added	% Recovery
Method: ICP 25 element scan							
Matrix: Surface Water							
Spiked Analyte = Aluminum							
Type of Spike = Analytical Spike. continued							
29-May-90	9005103	29A		0.00	94.0	100.0	94.00
30-May-90	9005105	06A		0.00	85.0	100.0	85.00
30-May-90	9005105	02A		0.00	86.0	100.0	86.00
30-May-90	9005105	04A		0.00	84.0	100.0	84.00
30-May-90	9005105	08A		0.00	86.0	100.0	86.00

Number of Samples = 24 Below acceptance = 0
Mean % Recovery = 87 Above acceptance = 0
Standard Deviation = 2.99 Acceptance Criteria 75.00 - 125.00

Method: ICP 25 element scan							
Matrix: Surface Water							
Spiked Analyte = Antimony							
Type of Spike = Analytical Spike.							
18-May-90	9005083	32A		0.00	82.0	100.0	82.00
18-May-90	9005083	34A		0.00	75.0	100.0	75.00
18-May-90	9005083	18A		0.00	76.0	100.0	76.00
18-May-90	9005083	20A		0.00	77.0	100.0	77.00
18-May-90	9005083	30A		0.00	81.0	100.0	81.00
18-May-90	9005083	26A		0.00	80.0	100.0	80.00
18-May-90	9005083	46A		0.00	77.0	100.0	77.00
18-May-90	9005083	44A		0.00	76.0	100.0	76.00
18-May-90	9005083	24A		0.00	76.0	100.0	76.00
18-May-90	9005083	42A		0.00	78.0	100.0	78.00
18-May-90	9005083	40A		0.00	77.0	100.0	77.00
18-May-90	9005083	28A		0.00	81.0	100.0	81.00
18-May-90	9005083	36A		0.00	90.0	100.0	90.00
18-May-90	9005083	22A		0.00	77.0	100.0	77.00
18-May-90	9005083	38A		0.00	75.0	100.0	75.00
18-May-90	9005083	48A		0.00	80.0	100.0	80.00
29-May-90	9005103	31A		0.00	83.0	100.0	83.00
29-May-90	9005103	29A		0.00	90.0	100.0	90.00
29-May-90	9005103	27A		0.00	89.0	100.0	89.00

NC: Not Calculable

TABLE 4. DETAILED LISTING OF SPIKE RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Date	Lab ID	Lab Fraction	Flag	Sample Result	Spiked Sample Result	Spike Added	% Recovery
Method: ICP 25 element scan							
Matrix: Surface Water							
Spiked Analyte = Antimony							
Type of Spike = Analytical Spike. continued							
29-May-90	9005103	33A		0.00	88.0	100.0	88.00
30-May-90	9005105	04A		0.00	83.0	100.0	83.00
30-May-90	9005105	06A		0.00	84.0	100.0	84.00
30-May-90	9005105	08A		0.00	84.0	100.0	84.00
30-May-90	9005105	02A		0.00	95.0	100.0	95.00

Number of Samples = 24 Below acceptance = 0
Mean % Recovery = 81 Above acceptance = 0
Standard Deviation = 5.57 Acceptance Criteria 75.00 - 125.00

Method: ICP 25 element scan							
Matrix: Surface Water							
Spiked Analyte = Arsenic							
Type of Spike = Analytical Spike.							
18-May-90	9005083	32A		0.00	104.0	100.0	104.00
18-May-90	9005083	30A		0.00	105.0	100.0	105.00
18-May-90	9005083	44A		0.00	97.0	100.0	97.00
18-May-90	9005083	22A		0.00	102.0	100.0	102.00
18-May-90	9005083	46A		0.00	102.0	100.0	102.00
18-May-90	9005083	48A		0.00	99.0	100.0	99.00
18-May-90	9005083	20A		0.00	101.0	100.0	101.00
18-May-90	9005083	28A		0.00	104.0	100.0	104.00
18-May-90	9005083	42A		0.00	100.0	100.0	100.00
18-May-90	9005083	36A		0.00	102.0	100.0	102.00
18-May-90	9005083	26A		0.00	103.0	100.0	103.00
18-May-90	9005083	38A		0.00	99.0	100.0	99.00
18-May-90	9005083	18A		0.00	104.0	100.0	104.00
18-May-90	9005083	24A		0.00	102.0	100.0	102.00
18-May-90	9005083	34A		0.00	104.0	100.0	104.00
18-May-90	9005083	40A		0.00	96.0	100.0	96.00
29-May-90	9005103	29A		0.00	103.0	100.0	103.00
29-May-90	9005103	33A		0.00	103.0	100.0	103.00
29-May-90	9005103	27A		0.00	101.0	100.0	101.00

NC: Not Calculable

TABLE 4. DETAILED LISTING OF SPIKE RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Date	Lab ID	Lab Fraction	Flag	Sample Result	Spiked Sample Result	Spike Added	% Recovery
Method: ICP 25 element scan							
Matrix: Surface Water							
Spiked Analyte = Arsenic							
Type of Spike = Analytical Spike. continued							
29-May-90	9005103	31A		0.00	99.0	100.0	99.00
30-May-90	9005105	06A		0.00	97.0	100.0	97.00
30-May-90	9005105	04A		0.00	98.0	100.0	98.00
30-May-90	9005105	02A		0.00	99.0	100.0	99.00
30-May-90	9005105	08A		0.00	95.0	100.0	95.00

Number of Samples = 24 Below acceptance = 0
Mean % Recovery = 100 Above acceptance = 0
Standard Deviation = 2.84 Acceptance Criteria 75.00 - 125.00

Method: ICP 25 element scan							
Matrix: Surface Water							
Spiked Analyte = Barium							
Type of Spike = Analytical Spike.							
18-May-90	9005083	36A		0.00	84.0	100.0	84.00
18-May-90	9005083	26A		0.00	85.0	100.0	85.00
18-May-90	9005083	38A		0.00	86.0	100.0	86.00
18-May-90	9005083	24A		0.00	85.0	100.0	85.00
18-May-90	9005083	18A		0.00	88.0	100.0	88.00
18-May-90	9005083	22A		0.00	88.0	100.0	88.00
18-May-90	9005083	34A		0.00	87.0	100.0	87.00
18-May-90	9005083	20A		0.00	87.0	100.0	87.00
18-May-90	9005083	32A		0.00	87.0	100.0	87.00
18-May-90	9005083	44A		0.00	85.0	100.0	85.00
18-May-90	9005083	30A		0.00	87.0	100.0	87.00
18-May-90	9005083	28A		0.00	86.0	100.0	86.00
18-May-90	9005083	46A		0.00	83.0	100.0	83.00
18-May-90	9005083	48A		0.00	86.0	100.0	86.00
18-May-90	9005083	42A		0.00	85.0	100.0	85.00
18-May-90	9005083	40A		0.00	84.0	100.0	84.00
29-May-90	9005103	29A		0.00	90.0	100.0	90.00
29-May-90	9005103	27A		0.00	87.0	100.0	87.00
29-May-90	9005103	31A		0.00	90.0	100.0	90.00

NC: Not Calculable

TABLE 4. DETAILED LISTING OF SPIKE RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Date	Lab ID	Lab Fraction	Flag	Sample Result	Spiked Sample Result	Spike Added	% Recovery
Method: ICP 25 element scan							
Matrix: Surface Water							
Spiked Analyte = Barium							
Type of Spike = Analytical Spike. continued							
29-May-90	9005103	33A		0.00	88.0	100.0	88.00
30-May-90	9005105	08A		0.00	85.0	100.0	85.00
30-May-90	9005105	06A		0.00	85.0	100.0	85.00
30-May-90	9005105	02A		0.00	87.0	100.0	87.00
30-May-90	9005105	04A		0.00	85.0	100.0	85.00

Number of Samples = 24 Below acceptance = 0
Mean % Recovery = 86 Above acceptance = 0
Standard Deviation = 1.77 Acceptance Criteria 75.00 - 125.00

Method: ICP 25 element scan							
Matrix: Surface Water							
Spiked Analyte = Beryllium							
Type of Spike = Analytical Spike.							
18-May-90	9005083	32A		0.00	88.0	100.0	88.00
18-May-90	9005083	36A		0.00	86.0	100.0	86.00
18-May-90	9005083	24A		0.00	86.0	100.0	86.00
18-May-90	9005083	34A		0.00	88.0	100.0	88.00
18-May-90	9005083	40A		0.00	85.0	100.0	85.00
18-May-90	9005083	46A		0.00	84.0	100.0	84.00
18-May-90	9005083	28A		0.00	87.0	100.0	87.00
18-May-90	9005083	26A		0.00	86.0	100.0	86.00
18-May-90	9005083	30A		0.00	88.0	100.0	88.00
18-May-90	9005083	20A		0.00	88.0	100.0	88.00
18-May-90	9005083	38A		0.00	87.0	100.0	87.00
18-May-90	9005083	44A		0.00	86.0	100.0	86.00
18-May-90	9005083	42A		0.00	86.0	100.0	86.00
18-May-90	9005083	22A		0.00	88.0	100.0	88.00
18-May-90	9005083	18A		0.00	88.0	100.0	88.00
18-May-90	9005083	48A		0.00	86.0	100.0	86.00
29-May-90	9005103	33A		0.00	90.0	100.0	90.00
29-May-90	9005103	27A		0.00	89.0	100.0	89.00
29-May-90	9005103	29A		0.00	91.0	100.0	91.00

NC: Not Calculable

TABLE 4. DETAILED LISTING OF SPIKE RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Date	Lab ID	Lab Fraction	Flag	Sample Result	Spiked Sample Result	Spike Added	% Recovery
Method: ICP 25 element scan							
Matrix: Surface Water							
Spiked Analyte = Beryllium							
Type of Spike = Analytical Spike. continued							
29-May-90	9005103	31A		0.00	91.0	100.0	91.00
30-May-90	9005105	02A		0.00	87.0	100.0	87.00
30-May-90	9005105	04A		0.00	85.0	100.0	85.00
30-May-90	9005105	08A		0.00	86.0	100.0	86.00
30-May-90	9005105	06A		0.00	86.0	100.0	86.00

Number of Samples = 24 Below acceptance = 0
Mean % Recovery = 87 Above acceptance = 0
Standard Deviation = 1.80 Acceptance Criteria 75.00 - 125.00

Method: ICP 25 element scan							
Matrix: Surface Water							
Spiked Analyte = Boron							
Type of Spike = Analytical Spike.							
18-May-90	9005083	30A		0.00	98.0	100.0	98.00
18-May-90	9005083	26A		0.00	98.0	100.0	98.00
18-May-90	9005083	42A		0.00	97.0	100.0	97.00
18-May-90	9005083	24A		0.00	100.0	100.0	100.00
18-May-90	9005083	28A		0.00	86.0	100.0	86.00
18-May-90	9005083	22A		0.00	86.0	100.0	86.00
18-May-90	9005083	38A		0.00	102.0	100.0	102.00
18-May-90	9005083	20A		0.00	90.0	100.0	90.00
18-May-90	9005083	18A		0.00	88.0	100.0	88.00
18-May-90	9005083	40A		0.00	99.0	100.0	99.00
18-May-90	9005083	44A		0.00	99.0	100.0	99.00
18-May-90	9005083	46A		0.00	98.0	100.0	98.00
18-May-90	9005083	36A		0.00	100.0	100.0	100.00
18-May-90	9005083	34A		0.00	98.0	100.0	98.00
18-May-90	9005083	48A		0.00	97.0	100.0	97.00
18-May-90	9005083	32A		0.00	100.0	100.0	100.00
29-May-90	9005103	29A		0.00	97.0	100.0	97.00
29-May-90	9005103	31A		0.00	96.0	100.0	96.00
29-May-90	9005103	33A		0.00	94.0	100.0	94.00

NC: Not Calculable

TABLE 4. DETAILED LISTING OF SPIKE RESULTS, CARSWELL AFB IRP - RI/FS STAGE 2

Date	Lab ID	Lab Fraction	Flag	Sample Result	Spiked Sample Result	Spike Added	% Recovery
Method: ICP 25 element scan							
Matrix: Surface Water							
Spiked Analyte = Boron							
Type of Spike = Analytical Spike. continued							
29-May-90	9005103	27A		0.00	91.0	100.0	91.00
30-May-90	9005105	04A		0.00	107.0	100.0	107.00
30-May-90	9005105	06A		0.00	106.0	100.0	106.00
30-May-90	9005105	08A		0.00	108.0	100.0	108.00
30-May-90	9005105	02A		0.00	109.0	100.0	109.00

TABLE 5. PRECISION ESTIMATES BY SOURCE OF VARIABILITY, CARSWELL AFB IRP - RI/FS STAGE 2

SAMPLE MATRIX = Groundwater

Parameter	# of Pairs	Range of Means		Pooled SD	Pooled CV	QC Flag
Halocarbons by EPA 601						
Field Duplicate						
1,1,1-Trichloroethane	3	ND -	ND	NC	NC	
1,1,2,2-Tetrachloroethane	3	ND -	ND	NC	NC	
1,1,2-Trichloroethane	3	ND -	ND	NC	NC	
1,1-Dichloroethane	3	ND -	ND	NC	NC	
1,1-Dichloroethene	3	ND -	ND	NC	NC	
1,2-Dichlorobenzene	3	ND -	ND	NC	NC	
1,2-Dichloroethane	3	ND -	ND	NC	NC	
1,2-Dichloropropane	3	ND -	ND	NC	NC	
1,3-Dichlorobenzene	3	ND -	ND	NC	NC	
1,4-Dichlorobenzene	3	ND -	ND	NC	NC	
2-Chloroethylvinyl ether	3	ND -	ND	NC	NC	
Bromodichloromethane	3	ND -	ND	NC	NC	
Bromoform	3	ND -	ND	NC	NC	
Bromomethane	3	ND -	ND	NC	NC	
Carbon tetrachloride	3	ND -	ND	NC	NC	
Chlorobenzene	3	ND -	0.380	0.03	7.4	
Chloroethane	3	ND -	ND	NC	NC	
Chloroform	3	ND -	ND	NC	NC	
Chloromethane	3	ND -	ND	NC	NC	
Dibromochloromethane	3	ND -	ND	NC	NC	
Methylene chloride	3	ND -	ND	NC	NC	
Tetrachloroethene	3	ND -	ND	NC	NC	
Trichloroethene	3	ND -	2800.0	105.95	8.5	
Trichlorofluoromethane	3	ND -	ND	NC	NC	
Vinyl chloride	3	ND -	100.0	0.17	41.5	
cis-1,2-Dichloroethene	3	0.280 -	255.0	12.91	6.4	
cis-1,3-Dichloropropene	3	ND -	ND	NC	NC	
trans-1,2-Dichloroethene	3	ND -	ND	NC	NC	
trans-1,3-Dichloropropene	3	ND -	ND	NC	NC	
Matrix Spike Duplicate						
1,1-Dichloroethene	1	39.0 -	39.0	1.41	3.6	
1-Bromo-4-fluorobenzene	1	127.5 -	127.5	2.12	1.7	
Chlorobenzene	1	96.5 -	96.5	2.12	2.2	
Trichloroethene	1	78.0 -	78.0	2.83	3.6	

NC: Not Calculable

TABLE 5. PRECISION ESTIMATES BY SOURCE OF VARIABILITY, CARSWELL AFB IRP - RI/FS STAGE 2

SAMPLE MATRIX = Groundwater

Parameter	# of Pairs	Range of Means	Pooled SD	Pooled CV	QC Flag
Aromatics by EPA 602					
Matrix Spike Duplicate					
1-Bromo-4-fluorobenzene	1	95.0 - 95.0	4.24	4.5	
Benzene	1	105.0 - 105.0	2.83	2.7	
Chlorobenzene	1	111.5 - 111.5	14.85	13.3	
Toluene	1	123.0 - 123.0	8.49	6.9	
Arsenic by SW7060					
Analytical Dup (At Instrument)					
Arsenic	16	ND - 114.0	3.34	18.0	Q
Field Duplicate					
Arsenic	12	ND - 0.052	0.01	27.8	
Matrix Spike Duplicate					
Arsenic	16	65.0 - 125.5	31.51	25.9	Q
Predigestion Duplicate					
Arsenic	2	ND - 0.033	0.01	32.6	
Chloride, by titration					
Field Duplicate					
Chloride	6	17.0 - 54.0	0.50	1.8	
Matrix Spike Duplicate					
Chloride	4	96.0 - 110.0	2.15	2.1	
Fluoride by EPA 340.2					
Field Duplicate					
Fluoride	6	0.240 - 0.435	0.01	4.4	
Matrix Spike Duplicate					
Fluoride	4	97.5 - 105.0	3.06	3.1	
Predigestion Duplicate					

NC: Not Calculable

TABLE 5. PRECISION ESTIMATES BY SOURCE OF VARIABILITY, CARSWELL AFB IRP - RI/FS STAGE 2

SAMPLE MATRIX = Groundwater

Parameter	# of Pairs	Range of Means	Pooled SD	Pooled CV	QC Flag
Fluoride	1	0.340 - 0.340	0.00	0.0	
Hydrocarbons, total E418.1					
Field Duplicate					
Hydrocarbons	4	ND - 8.500	3.54	41.6	
Matrix Spike Duplicate					
Hydrocarbons	2	88.0 - 89.5	6.10	6.9	
Mercury by cold vapor					
Analytical Dup (At Instrument)					
Mercury	16	ND - 104.5	5.71	6.2	
Field Duplicate					
Mercury	12	ND - 0.0044	0.00	60.1	
Matrix Spike Duplicate					
Mercury	16	87.5 - 105.0	4.49	4.6	
Predigestion Duplicate					
Mercury	2	ND - ND	NC	NC	
ICP 25 element scan					
Analytical Dup (At Instrument)					
Aluminum	16	ND - 106.0	4.67	13.6	
Antimony	16	ND - 87.5	1.92	2.3	
Arsenic	16	ND - 102.5	1.90	1.9	
Barium	16	0.110 - 94.0	0.50	2.7	
Beryllium	16	ND - 94.0	0.66	0.8	
Boron	16	ND - 117.0	1.21	16.0	
Cadmium	16	ND - 90.0	0.66	0.8	
Calcium	16	88.0 - 345.0	4.70	2.9	
Chromium	16	ND - 90.5	0.47	0.6	
Cobalt	16	ND - 89.5	0.62	19.1	
Copper	16	ND - 93.0	0.62	3.2	
Iron	16	0.115 - 91.0	0.89	7.8	

NC: Not Calculable

TABLE 5. PRECISION ESTIMATES BY SOURCE OF VARIABILITY, CARSWELL AFB IRP - RI/FS STAGE 2

SAMPLE MATRIX = Groundwater

Parameter	# of Pairs	Range of Means		Pooled SD	Pooled CV	QC Flag
Lead	16	ND -	89.0	2.26	2.9	
Magnesium	16	5.850 -	93.5	0.73	2.9	
Manganese	16	0.015 -	89.5	0.73	3.3	
Molybdenum	16	ND -	91.0	0.61	0.7	
Nickel	16	ND -	89.0	1.33	24.1	
Potassium	16	ND -	93.5	0.67	1.4	
Selenium	16	ND -	97.0	2.28	2.6	
Silicon	16	6.300 -	106.5	2.38	5.4	
Silver	16	ND -	87.5	0.71	4.9	
Sodium	16	18.0 -	94.5	1.88	6.0	
Strontium	16	0.300 -	92.0	0.50	2.8	
Thallium	16	ND -	92.0	4.18	5.0	
Vanadium	16	ND -	92.0	0.67	2.6	
Zinc	16	ND -	91.0	0.42	20.4	
Field Duplicate						
Aluminum	12	ND -	19.0	1.25	24.4	
Antimony	12	ND -	ND	NC	NC	
Arsenic	12	ND -	ND	NC	NC	
Barium	12	0.101 -	0.630	0.01	5.2	
Beryllium	12	ND -	0.0035	0.00	97.0	
Boron	12	ND -	0.955	0.18	37.6	
Cadmium	12	ND -	0.0069	0.01	84.9	
Calcium	12	130.0 -	335.0	15.55	6.1	
Chromium	12	ND -	0.030	0.00	11.3	
Cobalt	12	ND -	0.020	0.01	48.1	
Copper	12	ND -	0.031	0.00	14.1	
Iron	12	ND -	39.5	1.58	6.7	
Lead	12	ND -	ND	NC	NC	
Magnesium	12	6.200 -	19.5	0.27	2.4	
Manganese	12	ND -	1.150	0.03	6.2	
Molybdenum	12	ND -	ND	NC	NC	
Nickel	12	ND -	0.035	0.02	57.3	
Potassium	12	ND -	8.000	0.17	2.8	
Selenium	12	ND -	ND	NC	NC	
Silicon	12	6.350 -	42.0	1.89	10.7	
Silver	12	ND -	0.021	0.01	55.6	
Sodium	12	18.0 -	52.5	0.79	2.9	
Strontium	12	0.300 -	0.940	0.02	3.5	
Thallium	12	ND -	ND	NC	NC	
Vanadium	12	ND -	0.086	0.00	7.2	
Zinc	12	ND -	0.091	0.01	26.0	

NC: Not Calculable

TABLE 5. PRECISION ESTIMATES BY SOURCE OF VARIABILITY, CARSWELL AFB IRP - RI/FS STAGE 2

SAMPLE MATRIX = Groundwater

Parameter	# of Pairs	Range of Means	Pooled SD	Pooled CV	QC Flag
Matrix Spike Duplicate					
Aluminum	16	87.0 - 244.0	6.23	4.8	Q
Antimony	16	80.5 - 94.0	3.30	3.8	
Arsenic	16	90.5 - 122.5	5.52	4.8	Q
Barium	16	83.0 - 99.5	2.41	2.6	
Beryllium	16	82.5 - 99.0	2.28	2.4	
Boron	16	87.0 - 137.0	6.41	6.2	Q
Cadmium	16	79.5 - 95.5	2.41	2.6	
Calcium	16	35.0 - 112.0	42.66	69.0	Q
Chromium	16	80.0 - 96.5	2.24	2.4	
Cobalt	16	78.5 - 96.0	2.37	2.6	
Copper	16	82.5 - 98.0	2.46	2.7	
Iron	16	80.5 - 127.0	5.96	6.6	Q
Lead	16	79.0 - 96.0	3.40	3.9	
Magnesium	16	85.5 - 108.0	5.14	5.5	
Manganese	16	78.0 - 95.5	2.99	3.3	
Molybdenum	16	81.5 - 97.5	2.30	2.5	
Nickel	16	80.0 - 97.0	2.34	2.5	
Potassium	16	86.5 - 188.0	4.81	4.8	Q
Selenium	16	77.5 - 99.5	3.82	4.2	
Silicon	16	82.0 - 653.5	22.34	8.7	Q
Silver	16	82.0 - 93.5	3.52	3.9	
Sodium	16	67.0 - 108.5	17.18	16.4	Q
Strontium	16	82.0 - 98.5	2.90	3.1	
Thallium	16	80.5 - 96.0	5.98	6.8	
Vanadium	16	81.0 - 94.5	2.14	2.4	
Zinc	16	80.0 - 108.5	5.97	5.7	
Predigestion Duplicate					
Aluminum	2	ND - 18.0	5.97	5.7	
Antimony	2	ND - ND	NC	NC	
Arsenic	2	ND - ND	NC	NC	
Barium	2	0.200 - 0.345	0.01	1.4	
Beryllium	2	ND - ND	NC	NC	
Boron	2	ND - ND	NC	NC	
Cadmium	2	ND - ND	NC	NC	
Calcium	2	170.0 - 345.0	5.00	1.4	
Chromium	2	ND - 0.026	5.00	1.4	
Cobalt	2	ND - 0.0093	0.01	57.3	
Copper	2	ND - 0.030	0.00	9.4	
Iron	2	0.290 - 26.0	0.04	13.8	

NC: Not Calculable

TABLE 5. PRECISION ESTIMATES BY SOURCE OF VARIABILITY, CARSWELL AFB IRP - RI/FS STAGE 2

SAMPLE MATRIX = Groundwater

Parameter	# of Pairs	Range of Means	Pooled SD	Pooled CV	QC Flag
Lead	2	ND - ND	NC	NC	
Magnesium	2	17.0 - 19.5	0.50	2.6	
Manganese	2	0.380 - 0.715	0.01	0.7	
Molybdenum	2	ND - ND	NC	NC	
Nickel	2	ND - 0.023	0.02	72.3	
Potassium	2	6.150 - 7.750	0.16	2.5	
Selenium	2	ND - ND	NC	NC	
Silicon	2	7.750 - 40.0	0.15	1.9	
Silver	2	ND - ND	NC	NC	
Sodium	2	25.5 - 32.0	3.50	13.7	
Strontium	2	0.850 - 0.950	0.01	1.6	
Thallium	2	ND - ND	NC	NC	
Vanadium	2	ND - 0.046	0.00	1.6	
Zinc	2	0.074 - 0.101	0.01	8.9	
Nitrate by E353.2					
Field Duplicate					
Nitrate	6	0.095 - 3.400	0.06	29.5	
Matrix Spike Duplicate					
Nitrate	4	73.0 - 106.0	2.94	2.9	Q
Predigestion Duplicate					
Nitrate	6	0.425 - 4.840	0.06	2.5	
Orthophosphate					
Field Duplicate					
Orthophosphate	6	ND - ND	NC	NC	
Matrix Spike Duplicate					
Orthophosphate	4	94.0 - 104.0	1.77	1.8	
Predigestion Duplicate					
Orthophosphate	1	ND - ND	NC	NC	

NC: Not Calculable

TABLE 5. PRECISION ESTIMATES BY SOURCE OF VARIABILITY, CARSWELL AFB IRP - RI/FS STAGE 2

SAMPLE MATRIX = Groundwater

Parameter	# of Pairs	Range of Means	Pooled SD	Pooled CV	QC Flag
Lead by SW7421					
Analytical Dup (At Instrument)					
Lead	16	ND - 125.0	10.35	47.2	Q
Field Duplicate					
Lead	12	ND - 0.081	0.01	44.5	
Matrix Spike Duplicate					
Lead	16	23.4 - 132.0	9.92	31.7	Q
Predigestion Duplicate					
Lead	2	0.012 - 0.079	0.02	88.5	
Selenium by SW7740					
Analytical Dup (At Instrument)					
Selenium	16	ND - 116.5	9.58	50.5	Q
Field Duplicate					
Selenium	12	ND - ND	NC	NC	
Matrix Spike Duplicate					
Selenium	16	39.0 - 96.0	23.11	51.7	Q
Predigestion Duplicate					
Selenium	1	ND - ND	NC	NC	
Sulfate					
Field Duplicate					
Sulfate	6	2.400 - 140.0	0.91	12.2	
Matrix Spike Duplicate					
Sulfate	3	86.5 - 110.0	9.61	9.2	

NC: Not Calculable

TABLE 5. PRECISION ESTIMATES BY SOURCE OF VARIABILITY, CARSWELL AFB IRP - RI/FS STAGE 2

SAMPLE MATRIX = Groundwater

Parameter	# of Pairs	Range of Means	Pooled SD	Pooled CV	QC Flag
Total dissolved solids					
Field Duplicate					
Total dissolved solids	6	440.0 - 630.0	50.17	8.5	

NC: Not Calculable

TABLE 5. PRECISION ESTIMATES BY SOURCE OF VARIABILITY, CARSWELL AFB IRP - RI/FS STAGE 2

SAMPLE MATRIX = Water (Field/Trip QC)

Parameter	# of Pairs	Range of Means	Pooled SD	Pooled CV	QC Flag
Nitrate by E353.2					
Predigestion Duplicate					
Nitrate	1	ND - ND	NC	NC	

NC: Not Calculable

TABLE 5. PRECISION ESTIMATES BY SOURCE OF VARIABILITY, CARSWELL AFB IRP - RI/FS STAGE 2

SAMPLE MATRIX = Surface Water

Parameter	# of Pairs	Range of Means	Pooled SD	Pooled CV	QC Flag
Halocarbons by EPA 601					
Field Duplicate					
1,1,1-Trichloroethane	1	0.365 - 0.365	0.23	63.9	
1,1,2,2-Tetrachloroethane	1	ND - ND	NC	NC	
1,1,2-Trichloroethane	1	ND - ND	NC	NC	
1,1-Dichloroethane	1	ND - ND	NC	NC	
1,1-Dichloroethene	1	ND - ND	NC	NC	
1,2-Dichlorobenzene	1	ND - ND	NC	NC	
1,2-Dichloroethane	1	ND - ND	NC	NC	
1,2-Dichloropropane	1	ND - ND	NC	NC	
1,3-Dichlorobenzene	1	ND - ND	NC	NC	
1,4-Dichlorobenzene	1	ND - ND	NC	NC	
2-Chloroethylvinyl ether	1	ND - ND	NC	NC	
Bromodichloromethane	1	0.285 - 0.285	0.26	91.8	
Bromoform	1	ND - ND	NC	NC	
Bromomethane	1	ND - ND	NC	NC	
Carbon tetrachloride	1	ND - ND	NC	NC	
Chlorobenzene	1	ND - ND	NC	NC	
Chloroethane	1	ND - ND	NC	NC	
Chloroform	1	0.385 - 0.385	0.11	27.5	
Chloromethane	1	ND - ND	NC	NC	
Dibromochloromethane	1	ND - ND	NC	NC	
Methylene chloride	1	ND - ND	NC	NC	
Tetrachloroethene	1	ND - ND	NC	NC	
Trichloroethene	1	41.0 - 41.0	5.66	13.8	
Trichlorofluoromethane	1	ND - ND	NC	NC	
Vinyl chloride	1	ND - ND	NC	NC	
cis-1,2-Dichloroethene	1	6.350 - 6.350	1.20	18.9	
cis-1,3-Dichloropropene	1	ND - ND	NC	NC	
trans-1,2-Dichloroethene	1	0.330 - 0.330	0.18	55.7	
trans-1,3-Dichloropropene	1	ND - ND	NC	NC	
Arsenic by SW7060					
Field Duplicate					
Arsenic	2	ND - ND	NC	NC	

NC: Not Calculable

TABLE 5. PRECISION ESTIMATES BY SOURCE OF VARIABILITY, CARSWELL AFB IRP - RI/FS STAGE 2

SAMPLE MATRIX = Surface Water

Parameter	# of Pairs	Range of Means	Pooled SD	Pooled CV	QC Flag
Chloride, by titration					
Field Duplicate					
Chloride	1	23.5 - 23.5	0.71	3.0	
Fluoride by EPA 340.2					
Field Duplicate					
Fluoride	1	0.500 - 0.500	0.00	0.0	
Mercury by cold vapor					
Field Duplicate					
Mercury	2	ND - ND	NC	NC	
ICP 25 element scan					
Field Duplicate					
Aluminum	2	ND - 0.455	0.13	29.5	
Antimony	2	ND - ND	NC	NC	
Arsenic	2	ND - ND	NC	NC	
Barium	2	0.083 - 0.110	0.00	1.2	
Beryllium	2	ND - ND	NC	NC	
Boron	2	ND - ND	NC	NC	
Cadmium	2	ND - ND	NC	NC	
Calcium	2	96.0 - 110.0	0.00	0.0	
Chromium	2	ND - 0.073	0.10	131.7	
Cobalt	2	ND - ND	NC	NC	
Copper	2	ND - ND	NC	NC	
Iron	2	0.310 - 0.385	0.37	95.3	
Lead	2	ND - ND	NC	NC	
Magnesium	2	5.350 - 5.650	0.07	1.3	
Manganese	2	0.010 - 0.026	0.02	80.4	
Molybdenum	2	ND - ND	NC	NC	
Nickel	2	ND - 0.115	0.15	129.1	
Potassium	2	ND - ND	NC	NC	
Selenium	2	ND - ND	NC	NC	
Silicon	2	4.600 - 5.300	0.20	3.8	
Silver	2	ND - ND	NC	NC	

NC: Not Calculable

TABLE 5. PRECISION ESTIMATES BY SOURCE OF VARIABILITY, CARSWELL AFB IRP - RI/FS STAGE 2

SAMPLE MATRIX = Surface Water

Parameter	# of Pairs	Range of Means	Pooled SD	Pooled CV	QC Flag
Sodium	2	24.0 - 24.5	0.50	2.0	
Strontium	2	0.490 - 0.515	0.01	1.0	
Thallium	2	ND - ND	NC	NC	
Vanadium	2	ND - ND	NC	NC	
Zinc	2	ND - 0.042	0.01	16.8	
Nitrate by E353.2					
Field Duplicate					
Nitrate	1	1.810 - 1.810	2.11	116.4	
Orthophosphate					
Field Duplicate					
Orthophosphate	1	0.020 - 0.020	0.00	7.1	
Lead by SW7421					
Field Duplicate					
Lead	2	0.0057 - 0.0094	0.00	42.4	
Selenium by SW7740					
Field Duplicate					
Selenium	2	ND - ND	NC	NC	
Sulfate					
Field Duplicate					
Sulfate	1	82.5 - 82.5	3.54	4.3	
Total dissolved solids					
Field Duplicate					
Total dissolved solids	1	395.0 - 395.0	21.21	5.4	

NC: Not Calculable

TABLE 5. PRECISION ESTIMATES BY SOURCE OF VARIABILITY, CARSWELL AFB IRP - RI/FS STAGE 2

SAMPLE MATRIX = Laboratory Water

Parameter	# of Pairs	Range of Means	Pooled SD	Pooled CV	QC Flag
Halocarbons by EPA 601					
Matrix Spike Duplicate					
1,1-Dichloroethene	8	75.5 - 79.0	5.23	6.8	
1-Bromo-4-fluorobenzene	8	118.0 - 139.5	10.15	8.6	
Chlorobenzene	8	101.5 - 116.0	5.23	4.9	
Trichloroethene	8	94.0 - 175.0	7.53	5.9	
Chloride, by titration					
Analytical Dup (At Instrument)					
Chloride	9	12.0 - 25.8	0.29	1.4	
Fluoride by EPA 340.2					
Analytical Dup (At Instrument)					
Fluoride	14	ND - 636.5	9.22	2.5	NC
Hydrocarbons, total E418.1					
Analytical Dup (At Instrument)					
Hydrocarbons	2	6.855 - 14.7	0.15	1.2	
Nitrate by E353.2					
Analytical Dup (At Instrument)					
Nitrate	8	ND - 4.190	0.17	4.1	
Orthophosphate					
Analytical Dup (At Instrument)					
Orthophosphate	10	ND - 0.045	0.00	27.7	Q

NC: Not Calculable

TABLE 5. PRECISION ESTIMATES BY SOURCE OF VARIABILITY, CARSWELL AFB IRP - RI/FS STAGE 2

SAMPLE MATRIX = Laboratory Water

Parameter	# of Pairs	Range of Means	Pooled SD	Pooled CV	QC Flag
Sulfate					
Analytical Dup (At Instrument)					
Sulfate	8	ND - 90.5	2.05	3.6	
Total dissolved solids					
Analytical Dup (At Instrument)					
Total dissolved solids	10	ND - 1171.0	15.40	2.6	

NC: Not Calculable

TABLE 6. SAMPLE EXTRACTION AND ANALYSIS DATA FOR CARSWELL AFB IRP
Collection/Preparation/Analysis Dates for Inorganic and Primary Organic Analyses

Sample	Lab ID	Radian Method	IRP Method	Extraction	Date Logged	Extracted	Analyzed
001							
	S00418401B	601EWO01	E601	NA	17-Apr-90	NA	01-May-90
002							
	900416801A	CLTEWN00	E325.3	NA	17-Apr-90	NA	01-May-90
	900416801A	F_SEWA00	E340.2	NA	17-Apr-90	NA	03-May-90
	900416801A	SFN_WN00	SW9038	NA	17-Apr-90	NA	24-Apr-90
	900416801A	TDSEWN00	E160.1	NA	17-Apr-90	NA	18-Apr-90
003							
	900416805A	NO3EWN00	E353.2	NA	17-Apr-90	NA	18-Apr-90
	900416805A	OPOEWN00	E365.2	NA	17-Apr-90	NA	18-Apr-90
004							
	900416809A	ASGSWA00	SW7060	DIFSWN00	17-Apr-90	01-May-90	03-May-90
	900416809A	HGC_WN00	E245.1	NA	17-Apr-90	NA	02-May-90
	900416809A	ICPSWN00	SW6010	DIPSWN00	17-Apr-90	01-May-90	02-May-90
	900416809A	PBGSWA00	SW7421	DIFSWN00	17-Apr-90	01-May-90	03-May-90
	900416809A	SEGSWA00	SW7740	DIFSWN00	17-Apr-90	01-May-90	02-May-90
005							
	900416813A	ASGSWA00	SW7060	DIFSWN00	17-Apr-90	01-May-90	03-May-90
	900416813A	HGC_WN00	E245.1	NA	17-Apr-90	NA	02-May-90
	900416813A	ICPSWN00	SW6010	DIPSWN00	17-Apr-90	01-May-90	02-May-90
	900416813A	PBGSWA00	SW7421	DIFSWN00	17-Apr-90	01-May-90	03-May-90
	900416813A	SEGSWA00	SW7740	DIFSWN00	17-Apr-90	01-May-90	02-May-90
006							
	S00418402B	601EWO01	E601	NA	17-Apr-90	NA	30-Apr-90
007							
	S00418403B	601EWO01	E601	NA	17-Apr-90	NA	30-Apr-90
008							
	900416802A	CLTEWN00	E325.3	NA	17-Apr-90	NA	01-May-90
	900416802A	F_SEWA00	E340.2	NA	17-Apr-90	NA	03-May-90
	900416802A	SFN_WN00	SW9038	NA	17-Apr-90	NA	24-Apr-90
	900416802A	TDSEWN00	E160.1	NA	17-Apr-90	NA	18-Apr-90
009							
	900416806A	NO3EWN00	E353.2	NA	17-Apr-90	NA	18-Apr-90
	900416806A	OPOEWN00	E365.2	NA	17-Apr-90	NA	18-Apr-90

TABLE 6. SAMPLE EXTRACTION AND ANALYSIS DATA FOR CARSWELL AFB IRP
Collection/Preparation/Analysis Dates for Inorganic and Primary Organic Analyses

Sample	Lab ID	Radian Method	IRP Method	Extraction	Date Logged	Extracted	Analyzed
010							
	900416810A	ASGSWA00	SW7060	DIFSWN00	17-Apr-90	01-May-90	03-May-90
	900416810A	HGC_WN00	E245.1	NA	17-Apr-90	NA	02-May-90
	900416810A	ICPSWN00	SW6010	DIPSWN00	17-Apr-90	01-May-90	02-May-90
	900416810A	PBGSWA00	SW7421	DIFSWN00	17-Apr-90	01-May-90	03-May-90
	900416810A	SEGSWA00	SW7740	DIFSWN00	17-Apr-90	01-May-90	02-May-90
011							
	900416814A	ASGSWA00	SW7060	DIFSWN00	17-Apr-90	01-May-90	03-May-90
	900416814A	HGC_WN00	E245.1	NA	17-Apr-90	NA	02-May-90
	900416814A	ICPSWN00	SW6010	DIPSWN00	17-Apr-90	01-May-90	02-May-90
	900416814A	PBGSWA00	SW7421	DIFSWN00	17-Apr-90	01-May-90	03-May-90
	900416814A	SEGSWA00	SW7740	DIFSWN00	17-Apr-90	01-May-90	02-May-90
012							
	S00418404B	601EW001	E601	NA	17-Apr-90	NA	30-Apr-90
013							
	900416803A	CLTEWN00	E325.3	NA	17-Apr-90	NA	01-May-90
	900416803A	F_SEWA00	E340.2	NA	17-Apr-90	NA	03-May-90
	900416803A	SFN_WN00	SW9038	NA	17-Apr-90	NA	24-Apr-90
	900416803A	TDSEWN00	E160.1	NA	17-Apr-90	NA	18-Apr-90
014							
	900416807A	NO3EWN00	E353.2	NA	17-Apr-90	NA	18-Apr-90
	900416807A	OPOEWN00	E365.2	NA	17-Apr-90	NA	18-Apr-90
015							
	900416811A	ASGSWA00	SW7060	DIFSWN00	17-Apr-90	01-May-90	03-May-90
	900416811A	HGC_WN00	E245.1	NA	17-Apr-90	NA	02-May-90
	900416811A	ICPSWN00	SW6010	DIPSWN00	17-Apr-90	01-May-90	02-May-90
	900416811A	PBGSWA00	SW7421	DIFSWN00	17-Apr-90	01-May-90	03-May-90
	900416811A	SEGSWA00	SW7740	DIFSWN00	17-Apr-90	01-May-90	02-May-90
016							
	900416815A	ASGSWA00	SW7060	DIFSWN00	17-Apr-90	01-May-90	03-May-90
	900416815A	HGC_WN00	E245.1	NA	17-Apr-90	NA	02-May-90
	900416815A	ICPSWN00	SW6010	DIPSWN00	17-Apr-90	01-May-90	02-May-90
	900416815A	PBGSWA00	SW7421	DIFSWN00	17-Apr-90	01-May-90	03-May-90
	900416815A	SEGSWA00	SW7740	DIFSWN00	17-Apr-90	01-May-90	02-May-90

TABLE 6. SAMPLE EXTRACTION AND ANALYSIS DATA FOR CARSWELL AFB IRP
Collection/Preparation/Analysis Dates for Inorganic and Primary Organic Analyses

Sample	Lab ID	Radian Method	IRP Method	Extraction	Date Logged	Extracted	Analyzed
017							
	S00418405B	601EW001	E601	NA	17-Apr-90	NA	02-May-90
018							
	900416804A	CLTEWN00	E325.3	NA	17-Apr-90	NA	01-May-90
	900416804A	F_SEWA00	E340.2	NA	17-Apr-90	NA	03-May-90
	900416804A	SFN_WN00	SW9038	NA	17-Apr-90	NA	24-Apr-90
	900416804A	TDSEWN00	E160.1	NA	17-Apr-90	NA	18-Apr-90
019							
	900416808A	NO3EWN00	E353.2	NA	17-Apr-90	NA	18-Apr-90
	900416808A	OPOEWN00	E365.2	NA	17-Apr-90	NA	18-Apr-90
020							
	900416812A	ASGSWA00	SW7060	DIFSWN00	17-Apr-90	01-May-90	03-May-90
	900416812A	HGC_WN00	E245.1	NA	17-Apr-90	NA	02-May-90
	900416812A	ICPSWN00	SW6010	DIPSWN00	17-Apr-90	01-May-90	02-May-90
	900416812A	PBGSWA00	SW7421	DIFSWN00	17-Apr-90	01-May-90	03-May-90
	900416812A	SEGSWA00	SW7740	DIFSWN00	17-Apr-90	01-May-90	02-May-90
021							
	900416816A	ASGSWA00	SW7060	DIFSWN00	17-Apr-90	01-May-90	03-May-90
	900416816A	HGC_WN00	E245.1	NA	17-Apr-90	NA	02-May-90
	900416816A	ICPSWN00	SW6010	DIPSWN00	17-Apr-90	01-May-90	02-May-90
	900416816A	PBGSWA00	SW7421	DIFSWN00	17-Apr-90	01-May-90	03-May-90
	900416816A	SEGSWA00	SW7740	DIFSWN00	17-Apr-90	01-May-90	02-May-90
022							
	S00419601B	601EW001	E601	NA	18-Apr-90	NA	24-Apr-90
023							
	900417901A	CLTEWN00	E325.3	NA	18-Apr-90	NA	01-May-90
	900417901A	F_SEWA00	E340.2	NA	18-Apr-90	NA	03-May-90
	900417901A	SFN_WN00	SW9038	NA	18-Apr-90	NA	25-Apr-90
	900417901A	TDSEWN00	E160.1	NA	18-Apr-90	NA	24-Apr-90
024							
	900417905A	NO3EWN00	E353.2	NA	18-Apr-90	NA	19-Apr-90
	900417905A	OPOEWN00	E365.2	NA	18-Apr-90	NA	19-Apr-90
025							
	900417909A	ASGSWA00	SW7060	DIFSWN00	18-Apr-90	01-May-90	03-May-90
	900417909A	HGC_WN00	E245.1	NA	18-Apr-90	NA	02-May-90
	900417909A	ICPSWN00	SW6010	DIPSWN00	18-Apr-90	01-May-90	08-May-90

TABLE 6. SAMPLE EXTRACTION AND ANALYSIS DATA FOR CARSWELL AFB IRP
Collection/Preparation/Analysis Dates for Inorganic and Primary Organic Analyses

Sample	Lab ID	Radian Method	IRP Method	Extraction	Date Logged	Extracted	Analyzed
	900417909A	PBGSWA00	SW7421	DIFSWN00	18-Apr-90	01-May-90	03-May-90
	900417909A	SEGSWA00	SW7740	DIFSWN00	18-Apr-90	01-May-90	02-May-90
026							
	900417916A	ASGSWA00	SW7060	DIFSWN00	18-Apr-90	01-May-90	03-May-90
	900417916A	HGC_WN00	E245.1	NA	18-Apr-90	NA	02-May-90
	900417916A	ICPSWN00	SW6010	DIPSWN00	18-Apr-90	01-May-90	02-May-90
	900417916A	PBGSWA00	SW7421	DIFSWN00	18-Apr-90	01-May-90	03-May-90
	900417916A	SEGSWA00	SW7740	DIFSWN00	18-Apr-90	01-May-90	02-May-90
027							
	S00419602B	601EWO01	E601	NA	18-Apr-90	NA	24-Apr-90
028							
	S00419603B	601EWO01	E601	NA	18-Apr-90	NA	24-Apr-90
029							
	900417902A	CLTEWN00	E325.3	NA	18-Apr-90	NA	01-May-90
	900417902A	F_SEWA00	E340.2	NA	18-Apr-90	NA	03-May-90
	900417902A	SFN_WN00	SW9038	NA	18-Apr-90	NA	25-Apr-90
	900417902A	TDSEWN00	E160.1	NA	18-Apr-90	NA	24-Apr-90
030							
	900417906A	NO3EWN00	E353.2	NA	18-Apr-90	NA	19-Apr-90
	900417906A	OPOEWN00	E365.2	NA	18-Apr-90	NA	19-Apr-90
031							
	900417926A	ASGSWA00	SW7060	DIFSWN00	18-Apr-90	01-May-90	03-May-90
	900417926A	HGC_WN00	E245.1	NA	18-Apr-90	NA	02-May-90
	900417926A	ICPSWN00	SW6010	DIPSWN00	18-Apr-90	01-May-90	02-May-90
	900417926A	PBGSWA00	SW7421	DIFSWN00	18-Apr-90	01-May-90	03-May-90
	900417926A	SEGSWA00	SW7740	DIFSWN00	18-Apr-90	01-May-90	02-May-90
032							
	900417918A	ASGSWA00	SW7060	DIFSWN00	18-Apr-90	01-May-90	03-May-90
	900417918A	HGC_WN00	E245.1	NA	18-Apr-90	NA	02-May-90
	900417918A	ICPSWN00	SW6010	DIPSWN00	18-Apr-90	01-May-90	02-May-90
	900417918A	PBGSWA00	SW7421	DIFSWN00	18-Apr-90	01-May-90	03-May-90
	900417918A	SEGSWA00	SW7740	DIFSWN00	18-Apr-90	01-May-90	02-May-90
033							
	S00419604A	602EWO01	E602	NA	18-Apr-90	NA	22-Apr-90

TABLE 6. SAMPLE EXTRACTION AND ANALYSIS DATA FOR CARSWELL AFB IRP
Collection/Preparation/Analysis Dates for Inorganic and Primary Organic Analyses

Sample	Lab ID	Radian Method	IRP Method	Extraction	Date Logged	Extracted	Analyzed
034							
	900417903A	CLTEWN00	E325.3	NA	18-Apr-90	NA	01-May-90
	900417903A	F_SEWA00	E340.2	NA	18-Apr-90	NA	03-May-90
	900417903A	SFN_WN00	SW9038	NA	18-Apr-90	NA	25-Apr-90
	900417903A	TDSEWN00	E160.1	NA	18-Apr-90	NA	24-Apr-90
035							
	900417907A	NO3EWN00	E353.2	NA	18-Apr-90	NA	19-Apr-90
	900417907A	OPOEWN00	E365.2	NA	18-Apr-90	NA	19-Apr-90
036							
	900417912A	ASGSWA00	SW7060	DIFSWN00	18-Apr-90	01-May-90	03-May-90
	900417912A	HGC_WN00	E245.1	NA	18-Apr-90	NA	02-May-90
	900417912A	ICPSWN00	SW6010	DIPSWN00	18-Apr-90	01-May-90	02-May-90
	900417912A	PBGSWA00	SW7421	DIFSWN00	18-Apr-90	01-May-90	03-May-90
	900417912A	SEGSWA00	SW7740	DIFSWN00	18-Apr-90	01-May-90	02-May-90
037							
	900417920A	ASGSWA00	SW7060	DIFSWN00	18-Apr-90	01-May-90	03-May-90
	900417920A	HGC_WN00	E245.1	NA	18-Apr-90	NA	02-May-90
	900417920A	ICPSWN00	SW6010	DIPSWN00	18-Apr-90	01-May-90	02-May-90
	900417920A	PBGSWA00	SW7421	DIFSWN00	18-Apr-90	01-May-90	03-May-90
	900417920A	SEGSWA00	SW7740	DIFSWN00	18-Apr-90	01-May-90	02-May-90
038							
	900417924A	HCTEWN00	E418.1	NA	18-Apr-90	NA	04-May-90
039							
	S00419605B	601EWO01	E601	NA	18-Apr-90	NA	24-Apr-90
040							
	900417904A	CLTEWN00	E325.3	NA	18-Apr-90	NA	01-May-90
	900417904A	F_SEWA00	E340.2	NA	18-Apr-90	NA	03-May-90
	900417904A	SFN_WN00	SW9038	NA	18-Apr-90	NA	25-Apr-90
	900417904A	TDSEWN00	E160.1	NA	18-Apr-90	NA	24-Apr-90
041							
	900417908A	NO3EWN00	E353.2	NA	18-Apr-90	NA	19-Apr-90
	900417908A	OPOEWN00	E365.2	NA	18-Apr-90	NA	19-Apr-90
042							
	900417914A	ASGSWA00	SW7060	DIFSWN00	18-Apr-90	01-May-90	03-May-90
	900417914A	HGC_WN00	E245.1	NA	18-Apr-90	NA	02-May-90
	900417914A	ICPSWN00	SW6010	DIPSWN00	18-Apr-90	01-May-90	02-May-90

TABLE 6. SAMPLE EXTRACTION AND ANALYSIS DATA FOR CARSWELL AFB IRP
Collection/Preparation/Analysis Dates for Inorganic and Primary Organic Analyses

Sample	Lab ID	Radian Method	IRP Method	Extraction	Date Logged	Extracted	Analyzed
	900417914A	PBGSWA00	SW7421	DIFSWN00	18-Apr-90	01-May-90	03-May-90
	900417914A	SEGSWA00	SW7740	DIFSWN00	18-Apr-90	01-May-90	02-May-90
043							
	900417922A	ASGSWA00	SW7060	DIFSWN00	18-Apr-90	01-May-90	03-May-90
	900417922A	HGC_WN00	E245.1	NA	18-Apr-90	NA	02-May-90
	900417922A	ICPSWN00	SW6010	DIPSWN00	18-Apr-90	01-May-90	02-May-90
	900417922A	PBGSWA00	SW7421	DIFSWN00	18-Apr-90	01-May-90	03-May-90
	900417922A	SEGSWA00	SW7740	DIFSWN00	18-Apr-90	01-May-90	02-May-90
044							
	S00421701A	602EWO01	E602	NA	19-Apr-90	NA	02-May-90
045							
	900419501A	CLTEWN00	E325.3	NA	19-Apr-90	NA	01-May-90
	900419501A	F_SEWA00	E340.2	NA	19-Apr-90	NA	03-May-90
	900419501A	SFN_WN00	SW9038	NA	19-Apr-90	NA	25-Apr-90
	900419501A	TDSEWN00	E160.1	NA	19-Apr-90	NA	24-Apr-90
046							
	900419506A	NO3EWN00	E353.2	NA	19-Apr-90	NA	20-Apr-90
	900419506A	OPOEWN00	E365.2	NA	19-Apr-90	NA	20-Apr-90
047							
	900419511A	ASGSWA00	SW7060	DIFSWN00	19-Apr-90	03-May-90	03-May-90
	900419511A	HGC_WN00	E245.1	NA	19-Apr-90	NA	04-May-90
	900419511A	ICPSWN00	SW6010	DIPSWN00	19-Apr-90	03-May-90	03-May-90
	900419511A	PBGSWA00	SW7421	DIFSWN00	19-Apr-90	03-May-90	07-May-90
	900419511A	SEGSWA00	SW7740	DIFSWN00	19-Apr-90	03-May-90	07-May-90
048							
	900419521A	ASGSWA00	SW7060	DIFSWN00	19-Apr-90	03-May-90	03-May-90
	900419521A	HGC_WN00	E245.1	NA	19-Apr-90	NA	04-May-90
	900419521A	ICPSWN00	SW6010	DIPSWN00	19-Apr-90	03-May-90	03-May-90
	900419521A	PBGSWA00	SW7421	DIFSWN00	19-Apr-90	03-May-90	07-May-90
	900419521A	SEGSWA00	SW7740	DIFSWN00	19-Apr-90	03-May-90	07-May-90
049							
	900419531A	HCTEWN00	E418.1	NA	19-Apr-90	NA	04-May-90
050							
	S00421702A	602EWO01	E602	NA	19-Apr-90	NA	28-Apr-90

TABLE 6. SAMPLE EXTRACTION AND ANALYSIS DATA FOR CARSWELL AFB IRP
Collection/Preparation/Analysis Dates for Inorganic and Primary Organic Analyses

Sample	Lab ID	Radian Method	IRP Method	Extraction	Date Logged	Extracted	Analyzed
051							
	S00421703A	602EW001	E602	NA	19-Apr-90	NA	01-May-90
053							
	900419502A	CLTEWN00	E325.3	NA	19-Apr-90	NA	01-May-90
	900419502A	F_SEWA00	E340.2	NA	19-Apr-90	NA	03-May-90
	900419502A	SFN_WN00	SW9038	NA	19-Apr-90	NA	25-Apr-90
	900419502A	TDSEWN00	E160.1	NA	19-Apr-90	NA	24-Apr-90
054							
	900419503A	CLTEWN00	E325.3	NA	19-Apr-90	NA	01-May-90
	900419503A	F_SEWA00	E340.2	NA	19-Apr-90	NA	03-May-90
	900419503A	SFN_WN00	SW9038	NA	19-Apr-90	NA	25-Apr-90
	900419503A	TDSEWN00	E160.1	NA	19-Apr-90	NA	24-Apr-90
055							
	900419507A	NO3EWN00	E353.2	NA	19-Apr-90	NA	20-Apr-90
	900419507A	OPOEWN00	E365.2	NA	19-Apr-90	NA	20-Apr-90
056							
	900419508A	NO3EWN00	E353.2	NA	19-Apr-90	NA	20-Apr-90
	900419508A	OPOEWN00	E365.2	NA	19-Apr-90	NA	20-Apr-90
057							
	900419513A	ASGSWA00	SW7060	DIFSWN00	19-Apr-90	03-May-90	03-May-90
	900419513A	HGC_WN00	E245.1	NA	19-Apr-90	NA	04-May-90
	900419513A	ICPSWN00	SW6010	DIPSWN00	19-Apr-90	03-May-90	03-May-90
	900419513A	PBGSWA00	SW7421	DIFSWN00	19-Apr-90	03-May-90	07-May-90
	900419513A	SEGSWA00	SW7740	DIFSWN00	19-Apr-90	03-May-90	07-May-90
058							
	900419515A	ASGSWA00	SW7060	DIFSWN00	19-Apr-90	03-May-90	03-May-90
	900419515A	HGC_WN00	E245.1	NA	19-Apr-90	NA	04-May-90
	900419515A	ICPSWN00	SW6010	DIPSWN00	19-Apr-90	03-May-90	03-May-90
	900419515A	PBGSWA00	SW7421	DIFSWN00	19-Apr-90	03-May-90	07-May-90
	900419515A	SEGSWA00	SW7740	DIFSWN00	19-Apr-90	03-May-90	07-May-90
059							
	900419523A	ASGSWA00	SW7060	DIFSWN00	19-Apr-90	03-May-90	03-May-90
	900419523A	HGC_WN00	E245.1	NA	19-Apr-90	NA	08-May-90
	900419523A	ICPSWN00	SW6010	DIPSWN00	19-Apr-90	03-May-90	03-May-90
	900419523A	PBGSWA00	SW7421	DIFSWN00	19-Apr-90	03-May-90	07-May-90
	900419523A	SEGSWA00	SW7740	DIFSWN00	19-Apr-90	03-May-90	07-May-90

TABLE 6. SAMPLE EXTRACTION AND ANALYSIS DATA FOR CARSWELL AFB IRP
Collection/Preparation/Analysis Dates for Inorganic and Primary Organic Analyses

Sample	Lab ID	Radian Method	IRP Method	Extraction	Date Logged	Extracted	Analyzed
060							
	900419525A	ASGSWA00	SW7060	DIFSWN00	19-Apr-90	03-May-90	03-May-90
	900419525A	HGC_WN00	E245.1	NA	19-Apr-90	NA	08-May-90
	900419525A	ICPSWN00	SW6010	DIPSWN00	19-Apr-90	03-May-90	03-May-90
	900419525A	PBGSWA00	SW7421	DIFSWN00	19-Apr-90	03-May-90	07-May-90
	900419525A	SEGSWA00	SW7740	DIFSWN00	19-Apr-90	03-May-90	07-May-90
061							
	900419532A	HCTEWN00	E418.1	NA	19-Apr-90	NA	04-May-90
062							
	900419533A	HCTEWN00	E418.1	NA	19-Apr-90	NA	04-May-90
063							
	S00421705A	602EW001	E602	NA	19-Apr-90	NA	02-May-90
064							
	900419504A	CLTEWN00	E325.3	NA	19-Apr-90	NA	01-May-90
	900419504A	F_SEWA00	E340.2	NA	19-Apr-90	NA	03-May-90
	900419504A	SFN_WN00	SW9038	NA	19-Apr-90	NA	25-Apr-90
	900419504A	TDSEWN00	E160.1	NA	19-Apr-90	NA	24-Apr-90
065							
	900419509A	NO3EWN00	E353.2	NA	19-Apr-90	NA	20-Apr-90
	900419509A	OPOEWN00	E365.2	NA	19-Apr-90	NA	20-Apr-90
066							
	900419517A	ASGSWA00	SW7060	DIFSWN00	19-Apr-90	03-May-90	03-May-90
	900419517A	HGC_WN00	E245.1	NA	19-Apr-90	NA	04-May-90
	900419517A	ICPSWN00	SW6010	DIPSWN00	19-Apr-90	03-May-90	03-May-90
	900419517A	PBGSWA00	SW7421	DIFSWN00	19-Apr-90	03-May-90	07-May-90
	900419517A	SEGSWA00	SW7740	DIFSWN00	19-Apr-90	03-May-90	07-May-90
067							
	900419527A	ASGSWA00	SW7060	DIFSWN00	19-Apr-90	03-May-90	03-May-90
	900419527A	HGC_WN00	E245.1	NA	19-Apr-90	NA	04-May-90
	900419527A	ICPSWN00	SW6010	DIPSWN00	19-Apr-90	03-May-90	03-May-90
	900419527A	PBGSWA00	SW7421	DIFSWN00	19-Apr-90	03-May-90	07-May-90
	900419527A	SEGSWA00	SW7740	DIFSWN00	19-Apr-90	03-May-90	07-May-90
068							
	900419534A	HCTEWN00	E418.1	NA	19-Apr-90	NA	04-May-90

TABLE 6. SAMPLE EXTRACTION AND ANALYSIS DATA FOR CARSWELL AFB IRP
Collection/Preparation/Analysis Dates for Inorganic and Primary Organic Analyses

Sample	Lab ID	Radian Method	IRP Method	Extraction	Date Logged	Extracted	Analyzed
069							
	S00421706A	602EW001	E602	NA	19-Apr-90	NA	02-May-90
070							
	S00421707A	602EW001	E602	NA	19-Apr-90	NA	02-May-90
071							
	900419505A	CLTEWN00	E325.3	NA	19-Apr-90	NA	01-May-90
	900419505A	F_SEWA00	E340.2	NA	19-Apr-90	NA	03-May-90
	900419505A	SFN_WN00	SW9038	NA	19-Apr-90	NA	25-Apr-90
	900419505A	TDSEWN00	E160.1	NA	19-Apr-90	NA	24-Apr-90
072							
	900419510A	NO3EWN00	E353.2	NA	19-Apr-90	NA	20-Apr-90
	900419510A	OPOEWN00	E365.2	NA	19-Apr-90	NA	20-Apr-90
073							
	900419519A	ASGSWA00	SW7060	DIFSWN00	19-Apr-90	03-May-90	03-May-90
	900419519A	HGC_WN00	E245.1	NA	19-Apr-90	NA	04-May-90
	900419519A	ICPSWN00	SW6010	DIPSWN00	19-Apr-90	03-May-90	03-May-90
	900419519A	PBGSWA00	SW7421	DIFSWN00	19-Apr-90	03-May-90	07-May-90
	900419519A	SEGSWA00	SW7740	DIFSWN00	19-Apr-90	03-May-90	07-May-90
074							
	900419529A	ASGSWA00	SW7060	DIFSWN00	19-Apr-90	03-May-90	03-May-90
	900419529A	HGC_WN00	E245.1	NA	19-Apr-90	NA	04-May-90
	900419529A	ICPSWN00	SW6010	DIPSWN00	19-Apr-90	03-May-90	03-May-90
	900419529A	PBGSWA00	SW7421	DIFSWN00	19-Apr-90	03-May-90	07-May-90
	900419529A	SEGSWA00	SW7740	DIFSWN00	19-Apr-90	03-May-90	07-May-90
075							
	900419535A	HCTEWN00	E418.1	NA	19-Apr-90	NA	04-May-90
076							
	S00422801A	602EW001	E602	NA	19-Apr-90	NA	01-May-90
077							
	900421801A	CLTEWN00	E325.3	NA	20-Apr-90	NA	01-May-90
	900421801A	F_SEWA00	E340.2	NA	20-Apr-90	NA	03-May-90
	900421801A	SFN_WN00	SW9038	NA	20-Apr-90	NA	27-Apr-90
	900421801A	TDSEWN00	E160.1	NA	20-Apr-90	NA	26-Apr-90

TABLE 6. SAMPLE EXTRACTION AND ANALYSIS DATA FOR CARSWELL AFB IRP
Collection/Preparation/Analysis Dates for Inorganic and Primary Organic Analyses

Sample	Lab ID	Radian Method	IRP Method	Extraction	Date Logged	Extracted	Analyzed
078							
	900421803A	ASGSWA00	SW7060	DIFSWN00	20-Apr-90	04-May-90	10-May-90
	900421803A	HGC_WN00	E245.1	NA	20-Apr-90	NA	08-May-90
	900421803A	ICPSWN00	SW6010	DIPSWN00	20-Apr-90	07-May-90	07-May-90
	900421803A	PBGSWA00	SW7421	DIFSWN00	20-Apr-90	04-May-90	09-May-90
	900421803A	SEGSWA00	SW7740	DIFSWN00	20-Apr-90	04-May-90	08-May-90
079							
	900421807A	ASGSWA00	SW7060	DIFSWN00	20-Apr-90	04-May-90	10-May-90
	900421807A	HGC_WN00	E245.1	NA	20-Apr-90	NA	08-May-90
	900421807A	ICPSWN00	SW6010	DIPSWN00	20-Apr-90	07-May-90	07-May-90
	900421807A	PBGSWA00	SW7421	DIFSWN00	20-Apr-90	04-May-90	09-May-90
	900421807A	SEGSWA00	SW7740	DIFSWN00	20-Apr-90	04-May-90	08-May-90
080							
	900421811A	HCTEWN00	E418.1	NA	20-Apr-90	NA	04-May-90
081							
	S00422802A	602EW001	E602	NA	20-Apr-90	NA	01-May-90
082							
	S00422803A	602EW001	E602	NA	20-Apr-90	NA	03-May-90
083							
	900421802A	CLTEWN00	E325.3	NA	20-Apr-90	NA	01-May-90
	900421802A	F_SEWA00	E340.2	NA	20-Apr-90	NA	03-May-90
	900421802A	SFN_WN00	SW9038	NA	20-Apr-90	NA	27-Apr-90
	900421802A	TDSEWN00	E160.1	NA	20-Apr-90	NA	26-Apr-90
084							
	900421805A	ASGSWA00	SW7060	DIFSWN00	20-Apr-90	04-May-90	10-May-90
	900421805A	HGC_WN00	E245.1	NA	20-Apr-90	NA	08-May-90
	900421805A	ICPSWN00	SW6010	DIPSWN00	20-Apr-90	07-May-90	07-May-90
	900421805A	PBGSWA00	SW7421	DIFSWN00	20-Apr-90	04-May-90	09-May-90
	900421805A	SEGSWA00	SW7740	DIFSWN00	20-Apr-90	04-May-90	08-May-90
085							
	900421809A	ASGSWA00	SW7060	DIFSWN00	20-Apr-90	04-May-90	10-May-90
	900421809A	HGC_WN00	E245.1	NA	20-Apr-90	NA	08-May-90
	900421809A	ICPSWN00	SW6010	DIPSWN00	20-Apr-90	07-May-90	07-May-90
	900421809A	PBGSWA00	SW7421	DIFSWN00	20-Apr-90	04-May-90	09-May-90
	900421809A	SEGSWA00	SW7740	DIFSWN00	20-Apr-90	04-May-90	08-May-90

TABLE 6. SAMPLE EXTRACTION AND ANALYSIS DATA FOR CARSWELL AFB IRP
Collection/Preparation/Analysis Dates for Inorganic and Primary Organic Analyses

Sample	Lab ID	Radian Method	IRP Method	Extraction	Date Logged	Extracted	Analyzed
086							
	900421812A	HCTEWN00	E418.1	NA	20-Apr-90	NA	04-May-90
087							
	S00425201A	602EWO01	E602	NA	23-Apr-90	NA	05-May-90
088							
	900423401A	CLTEWN00	E325.3	NA	23-Apr-90	NA	10-May-90
	900423401A	F_SEWA00	E340.2	NA	23-Apr-90	NA	03-May-90
	900423401A	SFN_WN00	SW9038	NA	23-Apr-90	NA	27-Apr-90
	900423401A	TOSEWN00	E160.1	NA	23-Apr-90	NA	26-Apr-90
089							
	900423404A	NO3EWN00	E353.2	NA	23-Apr-90	NA	24-Apr-90
	900423404A	OPOEWN00	E365.2	NA	23-Apr-90	NA	24-Apr-90
090							
	900423409A	ASGSWA00	SW7060	DIFSWN00	23-Apr-90	04-May-90	10-May-90
	900423409A	HGC_WN00	E245.1	NA	23-Apr-90	NA	08-May-90
	900423409A	ICPSWN00	SW6010	DIPSWN00	23-Apr-90	07-May-90	07-May-90
	900423409A	PBGSWA00	SW7421	DIFSWN00	23-Apr-90	04-May-90	10-May-90
	900423409A	SEGSWA00	SW7740	DIFSWN00	23-Apr-90	04-May-90	10-May-90
091							
	900423415A	ASGSWA00	SW7060	DIFSWN00	23-Apr-90	04-May-90	10-May-90
	900423415A	HGC_WN00	E245.1	NA	23-Apr-90	NA	08-May-90
	900423415A	ICPSWN00	SW6010	DIPSWN00	23-Apr-90	07-May-90	07-May-90
	900423415A	PBGSWA00	SW7421	DIFSWN00	23-Apr-90	04-May-90	14-May-90
	900423415A	SEGSWA00	SW7740	DIFSWN00	23-Apr-90	04-May-90	09-May-90
092							
	900423421A	HCTEWN00	E418.1	NA	23-Apr-90	NA	04-May-90
093							
	S00425204A	602EWO01	E602	NA	23-Apr-90	NA	05-May-90
094							
	S00425202A	602EWO01	E602	NA	23-Apr-90	NA	04-May-90
095							
	900423402A	CLTEWN00	E325.3	NA	23-Apr-90	NA	10-May-90
	900423402A	F_SEWA00	E340.2	NA	23-Apr-90	NA	03-May-90
	900423402A	SFN_WN00	SW9038	NA	23-Apr-90	NA	27-Apr-90
	900423402A	TDSEWN00	E160.1	NA	23-Apr-90	NA	26-Apr-90

TABLE 6. SAMPLE EXTRACTION AND ANALYSIS DATA FOR CARSWELL AFB IRP
Collection/Preparation/Analysis Dates for Inorganic and Primary Organic Analyses

Sample	Lab ID	Radian Method	IRP Method	Extraction	Date Logged	Extracted	Analyzed
096							
	900423405A	NO3EWN00	E353.2	NA	23-Apr-90	NA	24-Apr-90
	900423405A	OPOEWN00	E365.2	NA	23-Apr-90	NA	24-Apr-90
097							
	900423411A	ASGSWA00	SW7060	DIFSWN00	23-Apr-90	04-May-90	10-May-90
	900423411A	HGC_WN00	E245.1	NA	23-Apr-90	NA	09-May-90
	900423411A	ICPSWN00	SW6010	DIPSWN00	23-Apr-90	07-May-90	07-May-90
	900423411A	PBGSWA00	SW7421	DIFSWN00	23-Apr-90	04-May-90	10-May-90
	900423411A	SEGSWA00	SW7740	DIFSWN00	23-Apr-90	04-May-90	10-May-90
098							
	900423417A	ASGSWA00	SW7060	DIFSWN00	23-Apr-90	04-May-90	10-May-90
	900423417A	HGC_WN00	E245.1	NA	23-Apr-90	NA	08-May-90
	900423417A	ICPSWN00	SW6010	DIPSWN00	23-Apr-90	07-May-90	07-May-90
	900423417A	PBGSWA00	SW7421	DIFSWN00	23-Apr-90	04-May-90	10-May-90
	900423417A	SEGSWA00	SW7740	DIFSWN00	23-Apr-90	04-May-90	09-May-90
099							
	900423422A	HCTEWN00	E418.1	NA	23-Apr-90	NA	04-May-90
100							
	S00425203A	602EWO01	E602	NA	23-Apr-90	NA	05-May-90
101							
	900423403A	CLTEWN00	E325.3	NA	23-Apr-90	NA	10-May-90
	900423403A	F_SEWA00	E340.2	NA	23-Apr-90	NA	03-May-90
	900423403A	SFN_WN00	SW9038	NA	23-Apr-90	NA	27-Apr-90
	900423403A	TDSEWN00	E160.1	NA	23-Apr-90	NA	26-Apr-90
102							
	900423406A	NO3EWN00	E353.2	NA	23-Apr-90	NA	24-Apr-90
	900423406A	OPOEWN00	E365.2	NA	23-Apr-90	NA	24-Apr-90
103							
	900423413A	ASGSWA00	SW7060	DIFSWN00	23-Apr-90	04-May-90	10-May-90
	900423413A	HGC_WN00	E245.1	NA	23-Apr-90	NA	08-May-90
	900423413A	ICPSWN00	SW6010	DIPSWN00	23-Apr-90	07-May-90	07-May-90
	900423413A	PBGSWA00	SW7421	DIFSWN00	23-Apr-90	04-May-90	10-May-90
	900423413A	SEGSWA00	SW7740	DIFSWN00	23-Apr-90	04-May-90	09-May-90

TABLE 6. SAMPLE EXTRACTION AND ANALYSIS DATA FOR CARSWELL AFB IRP
Collection/Preparation/Analysis Dates for Inorganic and Primary Organic Analyses

Sample	Lab ID	Radian Method	IRP Method	Extraction	Date Logged	Extracted	Analyzed
104							
	900423419A	ASGSWA00	SW7060	DIFSWN00	23-Apr-90	04-May-90	10-May-90
	900423419A	HGC_WN00	E245.1	NA	23-Apr-90	NA	08-May-90
	900423419A	ICPSWN00	SW6010	DIPSWN00	23-Apr-90	07-May-90	07-May-90
	900423419A	PBGSWA00	SW7421	DIFSWN00	23-Apr-90	04-May-90	10-May-90
	900423419A	SEGSWA00	SW7740	DIFSWN00	23-Apr-90	04-May-90	09-May-90
105							
	900423423A	HCTEWN00	E418.1	NA	23-Apr-90	NA	04-May-90
106							
	900423407A	NO3EWN00	E353.2	NA	23-Apr-90	NA	24-Apr-90
	900423407A	OPOEWN00	E365.2	NA	23-Apr-90	NA	24-Apr-90
107							
	900423408A	NO3EWN00	E353.2	NA	23-Apr-90	NA	24-Apr-90
	900423408A	OPOEWN00	E365.2	NA	23-Apr-90	NA	24-Apr-90
108							
	S00426701B	602EWO01	E602	NA	24-Apr-90	NA	05-May-90
109							
	900424801A	CLTEWN00	E325.3	NA	24-Apr-90	NA	10-May-90
	900424801A	F_SEWA00	E340.2	NA	24-Apr-90	NA	03-May-90
	900424801A	SFN_WN00	SW9038	NA	24-Apr-90	NA	02-May-90
	900424801A	TDSEWN00	E160.1	NA	24-Apr-90	NA	30-Apr-90
110							
	900424808A	NO3EWN00	E353.2	NA	24-Apr-90	NA	25-Apr-90
	900424808A	OPOEWN00	E365.2	NA	24-Apr-90	NA	25-Apr-90
111							
	900424815A	ASGSWA00	SW7060	DIFSWN00	24-Apr-90	07-May-90	14-May-90
	900424815A	HGC_WN00	E245.1	NA	24-Apr-90	NA	09-May-90
	900424815A	ICPSWN00	SW6010	DIPSWN00	24-Apr-90	07-May-90	07-May-90
	900424815A	PBGSWA00	SW7421	DIFSWN00	24-Apr-90	07-May-90	11-May-90
	900424815A	SEGSWA00	SW7740	DIFSWN00	24-Apr-90	07-May-90	14-May-90
112							
	900424831A	ASGSWA00	SW7060	DIFSWN00	24-Apr-90	07-May-90	14-May-90
	900424831A	HGC_WN00	E245.1	NA	24-Apr-90	NA	09-May-90
	900424831A	ICPSWN00	SW6010	DIPSWN00	24-Apr-90	07-May-90	07-May-90
	900424831A	PBGSWA00	SW7421	DIFSWN00	24-Apr-90	07-May-90	11-May-90
	900424831A	SEGSWA00	SW7740	DIFSWN00	24-Apr-90	07-May-90	11-May-90

TABLE 6. SAMPLE EXTRACTION AND ANALYSIS DATA FOR CARSWELL AFB IRP
Collection/Preparation/Analysis Dates for Inorganic and Primary Organic Analyses

Sample	Lab ID	Radian Method	IRP Method	Extraction	Date Logged	Extracted	Analyzed
113							
	900424843A	HCTEWN00	E418.1	NA	24-Apr-90	NA	07-May-90
114							
	S00426702A	602EW001	E602	NA	24-Apr-90	NA	04-May-90
115							
	S00426703B	602EW001	E602	NA	24-Apr-90	NA	05-May-90
116							
	900424802A	CLTEWN00	E325.3	NA	24-Apr-90	NA	10-May-90
	900424802A	F_SEWA00	E340.2	NA	24-Apr-90	NA	03-May-90
	900424802A	SFN_WN00	SW9038	NA	24-Apr-90	NA	02-May-90
	900424802A	TDSEWN00	E160.1	NA	24-Apr-90	NA	30-Apr-90
117							
	900424809A	NO3EWN00	E353.2	NA	24-Apr-90	NA	25-Apr-90
	900424809A	OPOEWN00	E365.2	NA	24-Apr-90	NA	25-Apr-90
118							
	900424817A	ASGSWA00	SW7060	DIFSWN00	24-Apr-90	07-May-90	14-May-90
	900424817A	HGC_WN00	E245.1	NA	24-Apr-90	NA	09-May-90
	900424817A	ICPSWN00	SW6010	DIPSWN00	24-Apr-90	07-May-90	07-May-90
	900424817A	PBGSWA00	SW7421	DIFSWN00	24-Apr-90	07-May-90	11-May-90
	900424817A	SEGSWA00	SW7740	DIFSWN00	24-Apr-90	07-May-90	14-May-90
119							
	900424833A	ASGSWA00	SW7060	DIFSWN00	24-Apr-90	07-May-90	14-May-90
	900424833A	HGC_WN00	E245.1	NA	24-Apr-90	NA	09-May-90
	900424833A	ICPSWN00	SW6010	DIPSWN00	24-Apr-90	07-May-90	07-May-90
	900424833A	PBGSWA00	SW7421	DIFSWN00	24-Apr-90	07-May-90	11-May-90
	900424833A	SEGSWA00	SW7740	DIFSWN00	24-Apr-90	07-May-90	11-May-90
120							
	900424844A	HCTEWN00	E418.1	NA	24-Apr-90	NA	07-May-90
121							
	S00426704B	602EW001	E602	NA	24-Apr-90	NA	05-May-90
122							
	900424803A	CLTEWN00	E325.3	NA	24-Apr-90	NA	10-May-90
	900424803A	F_SEWA00	E340.2	NA	24-Apr-90	NA	03-May-90
	900424803A	SFN_WN00	SW9038	NA	24-Apr-90	NA	02-May-90

TABLE 6. SAMPLE EXTRACTION AND ANALYSIS DATA FOR CARSWELL AFB IRP
Collection/Preparation/Analysis Dates for Inorganic and Primary Organic Analyses

Sample	Lab ID	Radian Method	IRP Method	Extraction	Date Logged	Extracted	Analyzed
	900424803A	TDSEWN00	E160.1	NA	24-Apr-90	NA	30-Apr-90
123							
	900424810A	NO3EWN00	E353.2	NA	24-Apr-90	NA	25-Apr-90
	900424810A	OPOEWN00	E365.2	NA	24-Apr-90	NA	25-Apr-90
124							
	900424819A	ASGSWA00	SW7060	DIFSWN00	24-Apr-90	07-May-90	14-May-90
	900424819A	HGC_WN00	E245.1	NA	24-Apr-90	NA	09-May-90
	900424819A	ICPSWN00	SW6010	DIPSWN00	24-Apr-90	07-May-90	07-May-90
	900424819A	PBGSWA00	SW7421	DIFSWN00	24-Apr-90	07-May-90	11-May-90
	900424819A	SEGSWA00	SW7740	DIFSWN00	24-Apr-90	07-May-90	14-May-90
125							
	900424835A	ASGSWA00	SW7060	DIFSWN00	24-Apr-90	07-May-90	14-May-90
	900424835A	HGC_WN00	E245.1	NA	24-Apr-90	NA	09-May-90
	900424835A	ICPSWN00	SW6010	DIPSWN00	24-Apr-90	07-May-90	07-May-90
	900424835A	PBGSWA00	SW7421	DIFSWN00	24-Apr-90	07-May-90	11-May-90
	900424835A	SEGSWA00	SW7740	DIFSWN00	24-Apr-90	07-May-90	14-May-90
126							
	900424845A	HCTEWN00	E418.1	NA	24-Apr-90	NA	07-May-90
127							
	S00426705A	602EWO01	E602	NA	24-Apr-90	NA	04-May-90
128							
	S00426706B	602EWO01	E602	NA	24-Apr-90	NA	05-May-90
129							
	S00426707B	602EWO01	E602	NA	24-Apr-90	NA	05-May-90
130							
	900424804A	CLTEWN00	E325.3	NA	24-Apr-90	NA	10-May-90
	900424804A	F_SEWA00	E340.2	NA	24-Apr-90	NA	03-May-90
	900424804A	SFN_WN00	SW9038	NA	24-Apr-90	NA	02-May-90
	900424804A	TDSEWN00	E160.1	NA	24-Apr-90	NA	30-Apr-90
131							
	900424805A	CLTEWN00	E325.3	NA	24-Apr-90	NA	10-May-90
	900424805A	F_SEWA00	E340.2	NA	24-Apr-90	NA	03-May-90
	900424805A	SFN_WN00	SW9038	NA	24-Apr-90	NA	02-May-90
	900424805A	TDSEWN00	E160.1	NA	24-Apr-90	NA	30-Apr-90

TABLE 6. SAMPLE EXTRACTION AND ANALYSIS DATA FOR CARSWELL AFB IRP
Collection/Preparation/Analysis Dates for Inorganic and Primary Organic Analyses

Sample	Lab ID	Radian Method	IRP Method	Extraction	Date Logged	Extracted	Analyzed
132							
	900424811A	NO3EWN00	E353.2	NA	24-Apr-90	NA	25-Apr-90
	900424811A	OPOEWN00	E365.2	NA	24-Apr-90	NA	25-Apr-90
133							
	900424812A	NO3EWN00	E353.2	NA	24-Apr-90	NA	25-Apr-90
	900424812A	OPOEWN00	E365.2	NA	24-Apr-90	NA	25-Apr-90
134							
	900424821A	ASGSWA00	SW7060	DIFSWN00	24-Apr-90	07-May-90	14-May-90
	900424821A	HGC_WN00	E245.1	NA	24-Apr-90	NA	09-May-90
	900424821A	ICPSWN00	SW6010	DIPSWN00	24-Apr-90	07-May-90	07-May-90
	900424821A	PBGSWA00	SW7421	DIFSWN00	24-Apr-90	07-May-90	11-May-90
	900424821A	SEGSWA00	SW7740	DIFSWN00	24-Apr-90	07-May-90	10-May-90
135							
	900424823A	ASGSWA00	SW7060	DIFSWN00	24-Apr-90	07-May-90	14-May-90
	900424823A	HGC_WN00	E245.1	NA	24-Apr-90	NA	09-May-90
	900424823A	ICPSWN00	SW6010	DIPSWN00	24-Apr-90	07-May-90	07-May-90
	900424823A	PBGSWA00	SW7421	DIFSWN00	24-Apr-90	07-May-90	11-May-90
	900424823A	SEGSWA00	SW7740	DIFSWN00	24-Apr-90	07-May-90	14-May-90
136							
	900424837A	ASGSWA00	SW7060	DIFSWN00	24-Apr-90	07-May-90	14-May-90
	900424837A	HGC_WN00	E245.1	NA	24-Apr-90	NA	09-May-90
	900424837A	ICPSWN00	SW6010	DIPSWN00	24-Apr-90	07-May-90	07-May-90
	900424837A	PBGSWA00	SW7421	DIFSWN00	24-Apr-90	07-May-90	11-May-90
	900424837A	SEGSWA00	SW7740	DIFSWN00	24-Apr-90	07-May-90	11-May-90
137							
	900424839A	ASGSWA00	SW7060	DIFSWN00	24-Apr-90	07-May-90	14-May-90
	900424839A	HGC_WN00	E245.1	NA	24-Apr-90	NA	09-May-90
	900424839A	ICPSWN00	SW6010	DIPSWN00	24-Apr-90	07-May-90	07-May-90
	900424839A	PBGSWA00	SW7421	DIFSWN00	24-Apr-90	07-May-90	11-May-90
	900424839A	SEGSWA00	SW7740	DIFSWN00	24-Apr-90	07-May-90	14-May-90
138							
	900424846A	HCTEWN00	E418.1	NA	24-Apr-90	NA	07-May-90
139							
	900424847A	HCTEWN00	E418.1	NA	24-Apr-90	NA	07-May-90

TABLE 6. SAMPLE EXTRACTION AND ANALYSIS DATA FOR CARSWELL AFB IRP
Collection/Preparation/Analysis Dates for Inorganic and Primary Organic Analyses

Sample	Lab ID	Radian Method	IRP Method	Extraction	Date Logged	Extracted	Analyzed
140							
	S00426708A	602EW001	E602	NA	24-Apr-90	NA	04-May-90
141							
	900424806A	CLTEWN00	E325.3	NA	24-Apr-90	NA	10-May-90
	900424806A	F_SEWA00	E340.2	NA	24-Apr-90	NA	03-May-90
	900424806A	SFN_WN00	SW9038	NA	24-Apr-90	NA	02-May-90
	900424806A	TDSEWN00	E160.1	NA	24-Apr-90	NA	30-Apr-90
142							
	900424813A	NO3EWN00	E353.2	NA	24-Apr-90	NA	25-Apr-90
	900424813A	OPOEWN00	E365.2	NA	24-Apr-90	NA	25-Apr-90
143							
	900424827A	ASGSWA00	SW7060	DIFSWN00	24-Apr-90	07-May-90	14-May-90
	900424827A	HGC_WN00	E245.1	NA	24-Apr-90	NA	09-May-90
	900424827A	ICPSWN00	SW6010	DIPSWN00	24-Apr-90	07-May-90	07-May-90
	900424827A	PBGSWA00	SW7421	DIFSWN00	24-Apr-90	07-May-90	11-May-90
	900424827A	SEGSWA00	SW7740	DIFSWN00	24-Apr-90	07-May-90	11-May-90
144							
	900424850A	ASGSWA00	SW7060	DIFSWN00	24-Apr-90	07-May-90	14-May-90
	900424850A	HGC_WN00	E245.1	NA	24-Apr-90	NA	09-May-90
	900424850A	ICPSWN00	SW6010	DIPSWN00	24-Apr-90	07-May-90	07-May-90
	900424850A	PBGSWA00	SW7421	DIFSWN00	24-Apr-90	07-May-90	11-May-90
	900424850A	SEGSWA00	SW7740	DIFSWN00	24-Apr-90	07-May-90	11-May-90
145							
	900424848A	HCTEWN00	E418.1	NA	24-Apr-90	NA	07-May-90
146							
	S00426710B	601EW001	E601	NA	24-Apr-90	NA	05-May-90
147							
	900424807A	CLTEWN00	E325.3	NA	24-Apr-90	NA	10-May-90
	900424807A	F_SEWA00	E340.2	NA	24-Apr-90	NA	03-May-90
	900424807A	SFN_WN00	SW9038	NA	24-Apr-90	NA	02-May-90
	900424807A	TDSEWN00	E160.1	NA	24-Apr-90	NA	30-Apr-90
148							
	900424814A	NO3EWN00	E353.2	NA	24-Apr-90	NA	25-Apr-90
	900424814A	OPOEWN00	E365.2	NA	24-Apr-90	NA	25-Apr-90

TABLE 6. SAMPLE EXTRACTION AND ANALYSIS DATA FOR CARSWELL AFB IRP
Collection/Preparation/Analysis Dates for Inorganic and Primary Organic Analyses

Sample	Lab ID	Radian Method	IRP Method	Extraction	Date Logged	Extracted	Analyzed
149							
	900424829A	ASGSWA00	SW7060	DIFSWN00	24-Apr-90	07-May-90	14-May-90
	900424829A	HGC_WN00	E245.1	NA	24-Apr-90	NA	09-May-90
	900424829A	ICPSWN00	SW6010	DIPSWN00	24-Apr-90	07-May-90	07-May-90
	900424829A	PBGSWA00	SW7421	DIFSWN00	24-Apr-90	07-May-90	11-May-90
	900424829A	SEGSWA00	SW7740	DIFSWN00	24-Apr-90	07-May-90	14-May-90
150							
	900424852A	ASGSWA00	SW7060	DIFSWN00	24-Apr-90	07-May-90	14-May-90
	900424852A	HGC_WN00	E245.1	NA	24-Apr-90	NA	09-May-90
	900424852A	ICPSWN00	SW6010	DIPSWN00	24-Apr-90	07-May-90	07-May-90
	900424852A	PBGSWA00	SW7421	DIFSWN00	24-Apr-90	07-May-90	11-May-90
	900424852A	SEGSWA00	SW7740	DIFSWN00	24-Apr-90	07-May-90	14-May-90
151							
	S00428301B	601EWO01	E601	NA	25-Apr-90	NA	09-May-90
154							
	900427601A	CLTEWN00	E325.3	NA	25-Apr-90	NA	10-May-90
	900427601A	F_SEWA00	E340.2	NA	25-Apr-90	NA	09-May-90
	900427601A	SFN_WN00	SW9038	NA	25-Apr-90	NA	09-May-90
	900427601A	TDSEWN00	E160.1	NA	25-Apr-90	NA	02-May-90
157							
	900427607A	NO3EWN00	E353.2	NA	25-Apr-90	NA	25-Apr-90
	900427607A	OPOEWN00	E365.2	NA	25-Apr-90	NA	26-Apr-90
160							
	900427613A	ASGSWA00	SW7060	DIFSWN00	25-Apr-90	09-May-90	16-May-90
	900427613A	HGC_WN00	E245.1	NA	25-Apr-90	NA	11-May-90
	900427613A	ICPSWN00	SW6010	DIPSWN00	25-Apr-90	10-May-90	14-May-90
	900427613A	PBGSWA00	SW7421	DIFSWN00	25-Apr-90	09-May-90	21-May-90
	900427613A	SEGSWA00	SW7740	DIFSWN00	25-Apr-90	09-May-90	21-May-90
163							
	900427627A	ASGSWA00	SW7060	DIFSWN00	25-Apr-90	09-May-90	17-May-90
	900427627A	HGC_WN00	E245.1	NA	25-Apr-90	NA	11-May-90
	900427627A	ICPSWN00	SW6010	DIPSWN00	25-Apr-90	10-May-90	14-May-90
	900427627A	PBGSWA00	SW7421	DIFSWN00	25-Apr-90	09-May-90	21-May-90
	900427627A	SEGSWA00	SW7740	DIFSWN00	25-Apr-90	09-May-90	21-May-90

TABLE 6. SAMPLE EXTRACTION AND ANALYSIS DATA FOR CARSWELL AFB IRP
Collection/Preparation/Analysis Dates for Inorganic and Primary Organic Analyses

Sample	Lab ID	Radian Method	IRP Method	Extraction	Date Logged	Extracted	Analyzed
166							
	S00428304B	601EW001	E601	NA	25-Apr-90	NA	09-May-90
167							
	S00428305B	601EW001	E601	NA	25-Apr-90	NA	09-May-90
168							
	900427604A	CLTEWN00	E325.3	NA	25-Apr-90	NA	10-May-90
	900427604A	F_SEWA00	E340.2	NA	25-Apr-90	NA	09-May-90
	900427604A	SFN_WN00	SW9038	NA	25-Apr-90	NA	09-May-90
	900427604A	TDSEWN00	E160.1	NA	25-Apr-90	NA	02-May-90
169							
	900427610A	NO3EWN00	E353.2	NA	25-Apr-90	NA	25-Apr-90
	900427610A	OPOEWN00	E365.2	NA	25-Apr-90	NA	26-Apr-90
170							
	900427619A	ASGSWA00	SW7060	DIFSWN00	25-Apr-90	09-May-90	17-May-90
	900427619A	HGC_WN00	E245.1	NA	25-Apr-90	NA	12-May-90
	900427619A	ICPSWN00	SW6010	DIPSWN00	25-Apr-90	10-May-90	14-May-90
	900427619A	PBGSWA00	SW7421	DIFSWN00	25-Apr-90	09-May-90	21-May-90
	900427619A	SEGSWA00	SW7740	DIFSWN00	25-Apr-90	09-May-90	21-May-90
171							
	900427633A	ASGSWA00	SW7060	DIFSWN00	25-Apr-90	09-May-90	17-May-90
	900427633A	HGC_WN00	E245.1	NA	25-Apr-90	NA	11-May-90
	900427633A	ICPSWN00	SW6010	DIPSWN00	25-Apr-90	10-May-90	14-May-90
	900427633A	PBGSWA00	SW7421	DIFSWN00	25-Apr-90	09-May-90	21-May-90
	900427633A	SEGSWA00	SW7740	DIFSWN00	25-Apr-90	09-May-90	21-May-90
172							
	S00428306B	601EW001	E601	NA	25-Apr-90	NA	09-May-90
173							
	S00428307B	601EW001	E601	NA	25-Apr-90	NA	09-May-90
174							
	900427605A	CLTEWN00	E325.3	NA	25-Apr-90	NA	10-May-90
	900427605A	F_SEWA00	E340.2	NA	25-Apr-90	NA	09-May-90
	900427605A	SFN_WN00	SW9038	NA	25-Apr-90	NA	09-May-90
	900427605A	TDSEWN00	E160.1	NA	25-Apr-90	NA	02-May-90

TABLE 6. SAMPLE EXTRACTION AND ANALYSIS DATA FOR CARSWELL AFB IRP
Collection/Preparation/Analysis Dates for Inorganic and Primary Organic Analyses

Sample	Lab ID	Radian Method	IRP Method	Extraction	Date Logged	Extracted	Analyzed
175							
	900427606A	CLTEWN00	E325.3	NA	25-Apr-90	NA	10-May-90
	900427606A	F_SEWA00	E340.2	NA	25-Apr-90	NA	09-May-90
	900427606A	SFN_WN00	SW9038	NA	25-Apr-90	NA	09-May-90
	900427606A	TDSEWN00	E160.1	NA	25-Apr-90	NA	02-May-90
176							
	900427611A	NO3EWN00	E353.2	NA	25-Apr-90	NA	25-Apr-90
	900427611A	OPOEWN00	E365.2	NA	25-Apr-90	NA	26-Apr-90
177							
	900427612A	NO3EWN00	E353.2	NA	25-Apr-90	NA	25-Apr-90
	900427612A	OPOEWN00	E365.2	NA	25-Apr-90	NA	26-Apr-90
178							
	900427621A	ASGSWA00	SW7060	DIFSWN00	25-Apr-90	09-May-90	17-May-90
	900427621A	HGC_WN00	E245.1	NA	25-Apr-90	NA	11-May-90
	900427621A	ICPSWN00	SW6010	DIPSWN00	25-Apr-90	10-May-90	14-May-90
	900427621A	PBGSWA00	SW7421	DIFSWN00	25-Apr-90	09-May-90	21-May-90
	900427621A	SEGSWA00	SW7740	DIFSWN00	25-Apr-90	09-May-90	31-May-90
179							
	900427623A	ASGSWA00	SW7060	DIFSWN00	25-Apr-90	09-May-90	18-May-90
	900427623A	HGC_WN00	E245.1	NA	25-Apr-90	NA	11-May-90
	900427623A	ICPSWN00	SW6010	DIPSWN00	25-Apr-90	10-May-90	14-May-90
	900427623A	PBGSWA00	SW7421	DIFSWN00	25-Apr-90	09-May-90	21-May-90
	900427623A	SEGSWA00	SW7740	DIFSWN00	25-Apr-90	09-May-90	23-May-90
180							
	900427635A	ASGSWA00	SW7060	DIFSWN00	25-Apr-90	09-May-90	17-May-90
	900427635A	HGC_WN00	E245.1	NA	25-Apr-90	NA	11-May-90
	900427635A	ICPSWN00	SW6010	DIPSWN00	25-Apr-90	10-May-90	14-May-90
	900427635A	PBGSWA00	SW7421	DIFSWN00	25-Apr-90	09-May-90	21-May-90
	900427635A	SEGSWA00	SW7740	DIFSWN00	25-Apr-90	09-May-90	21-May-90
181							
	900427637A	ASGSWA00	SW7060	DIFSWN00	25-Apr-90	09-May-90	17-May-90
	900427637A	HGC_WN00	E245.1	NA	25-Apr-90	NA	11-May-90
	900427637A	ICPSWN00	SW6010	DIPSWN00	25-Apr-90	10-May-90	14-May-90
	900427637A	PBGSWA00	SW7421	DIFSWN00	25-Apr-90	09-May-90	21-May-90
	900427637A	SEGSWA00	SW7740	DIFSWN00	25-Apr-90	09-May-90	21-May-90

TABLE 6. SAMPLE EXTRACTION AND ANALYSIS DATA FOR CARSWELL AFB IRP
Collection/Preparation/Analysis Dates for Inorganic and Primary Organic Analyses

Sample	Lab ID	Radian Method	IRP Method	Extraction	Date Logged	Extracted	Analyzed
182							
	S00428308B	601EW001	E601	NA	25-Apr-90	NA	09-May-90
183							
	S00429501B	601EW001	E601	NA	26-Apr-90	NA	10-May-90
186							
	900429001A	CLTEWN00	E325.3	NA	26-Apr-90	NA	10-May-90
	900429001A	F_SEWA00	E340.2	NA	26-Apr-90	NA	09-May-90
	900429001A	SFN_WN00	SW9038	NA	26-Apr-90	NA	09-May-90
	900429001A	TDSEWN00	E160.1	NA	26-Apr-90	NA	02-May-90
189							
	900429005A	NO3EWN00	E353.2	NA	26-Apr-90	NA	27-Apr-90
	900429005A	OPOEWN00	E365.2	NA	26-Apr-90	NA	27-Apr-90
192							
	900429009A	ASGSWA00	SW7060	DIFSWN00	26-Apr-90	10-May-90	14-May-90
	900429009A	HGC_WN00	E245.1	NA	26-Apr-90	NA	12-May-90
	900429009A	ICPSWN00	SW6010	DIPSWN00	26-Apr-90	10-May-90	11-May-90
	900429009A	PBGSWA00	SW7421	DIFSWN00	26-Apr-90	10-May-90	14-May-90
	900429009A	SEGSWA00	SW7740	DIFSWN00	26-Apr-90	10-May-90	22-May-90
195							
	900429017A	ASGSWA00	SW7060	DIFSWN00	26-Apr-90	10-May-90	14-May-90
	900429017A	HGC_WN00	E245.1	NA	26-Apr-90	NA	12-May-90
	900429017A	ICPSWN00	SW6010	DIPSWN00	26-Apr-90	10-May-90	11-May-90
	900429017A	PBGSWA00	SW7421	DIFSWN00	26-Apr-90	10-May-90	14-May-90
	900429017A	SEGSWA00	SW7740	DIFSWN00	26-Apr-90	10-May-90	22-May-90
198							
	S00429504B	601EW001	E601	NA	26-Apr-90	NA	10-May-90
199							
	S00429505B	601EW001	E601	NA	26-Apr-90	NA	10-May-90
200							
	900429004A	CLTEWN00	E325.3	NA	26-Apr-90	NA	10-May-90
	900429004A	F_SEWA00	E340.2	NA	26-Apr-90	NA	09-May-90
	900429004A	SFN_WN00	SW9038	NA	26-Apr-90	NA	09-May-90
	900429004A	TDSEWN00	E160.1	NA	26-Apr-90	NA	02-May-90

TABLE 6. SAMPLE EXTRACTION AND ANALYSIS DATA FOR CARSWELL AFB IRP
Collection/Preparation/Analysis Dates for Inorganic and Primary Organic Analyses

Sample	Lab ID	Radian Method	IRP Method	Extraction	Date Logged	Extracted	Analyzed
201							
	900429008A	NO3EWN00	E353.2	NA	26-Apr-90	NA	27-Apr-90
	900429008A	OPOEWN00	E365.2	NA	26-Apr-90	NA	27-Apr-90
202							
	900429015A	ASGSWA00	SW7060	DIFSWN00	26-Apr-90	10-May-90	14-May-90
	900429015A	HGC_WN00	E245.1	NA	26-Apr-90	NA	12-May-90
	900429015A	ICPSWN00	SW6010	DIPSWN00	26-Apr-90	10-May-90	11-May-90
	900429015A	PBGSWA00	SW7421	DIFSWN00	26-Apr-90	10-May-90	14-May-90
	900429015A	SEGSWA00	SW7740	DIFSWN00	26-Apr-90	10-May-90	22-May-90
203							
	900429023A	ASGSWA00	SW7060	DIFSWN00	26-Apr-90	10-May-90	14-May-90
	900429023A	HGC_WN00	E245.1	NA	26-Apr-90	NA	12-May-90
	900429023A	ICPSWN00	SW6010	DIPSWN00	26-Apr-90	10-May-90	11-May-90
	900429023A	PBGSWA00	SW7421	DIFSWN00	26-Apr-90	10-May-90	14-May-90
	900429023A	SEGSWA00	SW7740	DIFSWN00	26-Apr-90	10-May-90	22-May-90
204							
	S00430101B	601EWO01	E601	NA	27-Apr-90	NA	11-May-90
205							
	900430801A	CLTEWN00	E325.3	NA	27-Apr-90	NA	10-May-90
	900430801A	F_SEWA00	E340.2	NA	27-Apr-90	NA	09-May-90
	900430801A	SFN_WN00	SW9038	NA	27-Apr-90	NA	09-May-90
	900430801A	TDSEWN00	E160.1	NA	27-Apr-90	NA	03-May-90
206							
	900430804A	ASGSWA00	SW7060	DIFSWN00	27-Apr-90	11-May-90	14-May-90
	900430804A	HGC_WN00	E245.1	NA	27-Apr-90	NA	14-May-90
	900430804A	ICPSWN00	SW6010	DIPSWN00	27-Apr-90	11-May-90	11-May-90
	900430804A	PBGSWA00	SW7421	DIFSWN00	27-Apr-90	11-May-90	14-May-90
	900430804A	SEGSWA00	SW7740	DIFSWN00	27-Apr-90	11-May-90	22-May-90
207							
	900430810A	ASGSWA00	SW7060	DIFSWN00	27-Apr-90	11-May-90	14-May-90
	900430810A	HGC_WN00	E245.1	NA	27-Apr-90	NA	14-May-90
	900430810A	ICPSWN00	SW6010	DIPSWN00	27-Apr-90	11-May-90	11-May-90
	900430810A	PBGSWA00	SW7421	DIFSWN00	27-Apr-90	11-May-90	14-May-90
	900430810A	SEGSWA00	SW7740	DIFSWN00	27-Apr-90	11-May-90	23-May-90

TABLE 6. SAMPLE EXTRACTION AND ANALYSIS DATA FOR CARSWELL AFB IRP
Collection/Preparation/Analysis Dates for Inorganic and Primary Organic Analyses

Sample	Lab ID	Radian Method	IRP Method	Extraction	Date Logged	Extracted	Analyzed
208							
	S00430102B	601EWO01	E601	NA	27-Apr-90	NA	10-May-90
209							
	S00430103B	601EWO01	E601	NA	27-Apr-90	NA	11-May-90
210							
	900430802A	CLTEWN00	E325.3	NA	27-Apr-90	NA	10-May-90
	900430802A	F_SEWA00	E340.2	NA	27-Apr-90	NA	09-May-90
	900430802A	SFN_WN00	SW9038	NA	27-Apr-90	NA	09-May-90
	900430802A	TDSEWN00	E160.1	NA	27-Apr-90	NA	03-May-90
211							
	900430806A	ASGSWA00	SW7060	DIFSWN00	27-Apr-90	11-May-90	14-May-90
	900430806A	HGC_WN00	E245.1	NA	27-Apr-90	NA	14-May-90
	900430806A	ICPSWN00	SW6010	DIPSWN00	27-Apr-90	11-May-90	11-May-90
	900430806A	PBGSWA00	SW7421	DIFSWN00	27-Apr-90	11-May-90	14-May-90
	900430806A	SEGSWA00	SW7740	DIFSWN00	27-Apr-90	11-May-90	22-May-90
212							
	900430812A	ASGSWA00	SW7060	DIFSWN00	27-Apr-90	11-May-90	14-May-90
	900430812A	HGC_WN00	E245.1	NA	27-Apr-90	NA	14-May-90
	900430812A	ICPSWN00	SW6010	DIPSWN00	27-Apr-90	11-May-90	11-May-90
	900430812A	PBGSWA00	SW7421	DIFSWN00	27-Apr-90	11-May-90	14-May-90
	900430812A	SEGSWA00	SW7740	DIFSWN00	27-Apr-90	11-May-90	22-May-90
213							
	S00430104B	601EWO01	E601	NA	27-Apr-90	NA	11-May-90
214							
	900430803A	CLTEWN00	E325.3	NA	27-Apr-90	NA	10-May-90
	900430803A	F_SEWA00	E340.2	NA	27-Apr-90	NA	09-May-90
	900430803A	SFN_WN00	SW9038	NA	27-Apr-90	NA	09-May-90
	900430803A	TDSEWN00	E160.1	NA	27-Apr-90	NA	03-May-90
215							
	900430808A	ASGSWA00	SW7060	DIFSWN00	27-Apr-90	11-May-90	14-May-90
	900430808A	HGC_WN00	E245.1	NA	27-Apr-90	NA	14-May-90
	900430808A	ICPSWN00	SW6010	DIPSWN00	27-Apr-90	11-May-90	11-May-90
	900430808A	PBGSWA00	SW7421	DIFSWN00	27-Apr-90	11-May-90	18-May-90
	900430808A	SEGSWA00	SW7740	DIFSWN00	27-Apr-90	11-May-90	22-May-90

TABLE 6. SAMPLE EXTRACTION AND ANALYSIS DATA FOR CARSWELL AFB IRP
Collection/Preparation/Analysis Dates for Inorganic and Primary Organic Analyses

Sample	Lab ID	Radian Method	IRP Method	Extraction	Date Logged	Extracted	Analyzed
216							
	900430814A	ASGSWA00	SW7060	DIFSWN00	27-Apr-90	11-May-90	14-May-90
	900430814A	HGC_WN00	E245.1	NA	27-Apr-90	NA	14-May-90
	900430814A	ICPSWN00	SW6010	DIPSWN00	27-Apr-90	11-May-90	11-May-90
	900430814A	PBGSWA00	SW7421	DIFSWN00	27-Apr-90	11-May-90	14-May-90
	900430814A	SEGSWA00	SW7740	DIFSWN00	27-Apr-90	11-May-90	22-May-90
217							
	S00501401B	601EWO01	E601	NA	30-Apr-90	NA	13-May-90
218							
	900500101A	CLTEWN00	E325.3	NA	30-Apr-90	NA	15-May-90
	900500101A	F_SEWA00	E340.2	NA	30-Apr-90	NA	15-May-90
	900500101A	SFN_WN00	SW9038	NA	30-Apr-90	NA	09-May-90
	900500101A	TDSEWN00	E160.1	NA	30-Apr-90	NA	07-May-90
219							
	900500107A	NO3EWA00	E353.2	NA	30-Apr-90	NA	01-May-90
	900500107A	OPOEWN00	E365.2	NA	30-Apr-90	NA	01-May-90
220							
	900500116A	ASGSWA00	SW7060	DIFSWN00	30-Apr-90	14-May-90	18-May-90
	900500116A	HGC_WN00	E245.1	NA	30-Apr-90	NA	14-May-90
	900500116A	ICPSWN00	SW6010	DIPSWN00	30-Apr-90	14-May-90	15-May-90
	900500116A	PBGSWA00	SW7421	DIFSWN00	30-Apr-90	14-May-90	17-May-90
	900500116A	SEGSWA00	SW7740	DIFSWN00	30-Apr-90	14-May-90	17-May-90
221							
	900500128A	ASGSWA00	SW7060	DIFSWN00	30-Apr-90	14-May-90	18-May-90
	900500128A	HGC_WN00	E245.1	NA	30-Apr-90	NA	14-May-90
	900500128A	ICPSWN00	SW6010	DIPSWN00	30-Apr-90	14-May-90	15-May-90
	900500128A	PBGSWA00	SW7421	DIFSWN00	30-Apr-90	14-May-90	17-May-90
	900500128A	SEGSWA00	SW7740	DIFSWN00	30-Apr-90	14-May-90	21-May-90
222							
	900500140A	HCTEWN00	E418.1	NA	30-Apr-90	NA	18-May-90
223							
	S00501402B	601EWO01	E601	NA	30-Apr-90	NA	14-May-90
224							
	S00501403B	601EWO01	E601	NA	30-Apr-90	NA	13-May-90

TABLE 6. SAMPLE EXTRACTION AND ANALYSIS DATA FOR CARSWELL AFB IRP
Collection/Preparation/Analysis Dates for Inorganic and Primary Organic Analyses

Sample	Lab ID	Radian Method	IRP Method	Extraction	Date Logged	Extracted	Analyzed
225							
	900500102A	CLTEWN00	E325.3	NA	30-Apr-90	NA	15-May-90
	900500102A	F_SEWA00	E340.2	NA	30-Apr-90	NA	15-May-90
	900500102A	SFN_WN00	SW9038	NA	30-Apr-90	NA	09-May-90
	900500102A	TDSEWN00	E160.1	NA	30-Apr-90	NA	07-May-90
226							
	900500108A	NO3EWA00	E353.2	NA	30-Apr-90	NA	01-May-90
	900500108A	OPOEWN00	E365.2	NA	30-Apr-90	NA	01-May-90
227							
	900500118A	ASGSWA00	SW7060	DIFSWN00	30-Apr-90	14-May-90	18-May-90
	900500118A	HGC_WN00	E245.1	NA	30-Apr-90	NA	14-May-90
	900500118A	ICPSWN00	SW6010	DIPSWN00	30-Apr-90	14-May-90	15-May-90
	900500118A	PBGSWA00	SW7421	DIFSWN00	30-Apr-90	14-May-90	17-May-90
	900500118A	SEGSWA00	SW7740	DIFSWN00	30-Apr-90	14-May-90	17-May-90
228							
	900500130A	ASGSWA00	SW7060	DIFSWN00	30-Apr-90	14-May-90	18-May-90
	900500130A	HGC_WN00	E245.1	NA	30-Apr-90	NA	14-May-90
	900500130A	ICPSWN00	SW6010	DIPSWN00	30-Apr-90	14-May-90	15-May-90
	900500130A	PBGSWA00	SW7421	OIFSWN00	30-Apr-90	14-May-90	17-May-90
	900500130A	SEGSWA00	SW7740	OIFSWN00	30-Apr-90	14-May-90	17-May-90
229							
	900500141A	HCTEWN00	E418.1	NA	30-Apr-90	NA	18-May-90
230							
	S00501404B	601EWO01	E601	NA	30-Apr-90	NA	13-May-90
231							
	900500103A	CLTEWN00	E325.3	NA	30-Apr-90	NA	15-May-90
	900500103A	F_SEWA00	E340.2	NA	30-Apr-90	NA	15-May-90
	900500103A	SFN_WN00	SW9038	NA	30-Apr-90	NA	09-May-90
	900500103A	TDSEWN00	E160.1	NA	30-Apr-90	NA	07-May-90
232							
	900500109A	NO3EWA00	E353.2	NA	30-Apr-90	NA	01-May-90
	900500109A	OPOEWN00	E365.2	NA	30-Apr-90	NA	01-May-90
233							
	900500120A	ASGSWA00	SW7060	DIFSWN00	30-Apr-90	14-May-90	18-May-90
	900500120A	HGC_WN00	E245.1	NA	30-Apr-90	NA	14-May-90
	900500120A	ICPSWN00	SW6010	OIPSWN00	30-Apr-90	14-May-90	15-May-90

TABLE 6. SAMPLE EXTRACTION AND ANALYSIS DATA FOR CARSWELL AFB IRP
Collection/Preparation/Analysis Dates for Inorganic and Primary Organic Analyses

Sample	Lab ID	Radian Method	IRP Method	Extraction	Date Logged	Extracted	Analyzed
	900500120A	PBGSWA00	SW7421	DIFSWN00	30-Apr-90	14-May-90	17-May-90
	900500120A	SEGSWA00	SW7740	DIFSWN00	30-Apr-90	14-May-90	17-May-90
234							
	900500132A	ASGSWA00	SW7060	DIFSWN00	30-Apr-90	14-May-90	18-May-90
	900500132A	HGC_WN00	E245.1	NA	30-Apr-90	NA	14-May-90
	900500132A	ICPSWN00	SW6010	DIPSWN00	30-Apr-90	14-May-90	15-May-90
	900500132A	PBGSWA00	SW7421	DIFSWN00	30-Apr-90	14-May-90	17-May-90
	900500132A	SEGSWA00	SW7740	DIFSWN00	30-Apr-90	14-May-90	17-May-90
235							
	900500142A	HCTEWN00	E418.1	NA	30-Apr-90	NA	18-May-90
236							
	S00501405B	601EWO01	E601	NA	30-Apr-90	NA	14-May-90
237							
	900500104A	CLTEWN00	E325.3	NA	30-Apr-90	NA	15-May-90
	900500104A	F_SEWA00	E340.2	NA	30-Apr-90	NA	15-May-90
	900500104A	SFN_WN00	SW9038	NA	30-Apr-90	NA	09-May-90
	900500104A	TDSEWN00	E160.1	NA	30-Apr-90	NA	07-May-90
238							
	900500110A	NO3EWA00	E353.2	NA	30-Apr-90	NA	01-May-90
	900500110A	OPOEWN00	E365.2	NA	30-Apr-90	NA	01-May-90
239							
	900500122A	ASGSWA00	SW7060	DIFSWN00	30-Apr-90	14-May-90	18-May-90
	900500122A	HGC_WN00	E245.1	NA	30-Apr-90	NA	14-May-90
	900500122A	ICPSWN00	SW6010	DIPSWN00	30-Apr-90	14-May-90	15-May-90
	900500122A	PBGSWA00	SW7421	DIFSWN00	30-Apr-90	14-May-90	17-May-90
	900500122A	SEGSWA00	SW7740	DIFSWN00	30-Apr-90	14-May-90	17-May-90
240							
	900500134A	ASGSWA00	SW7060	DIFSWN00	30-Apr-90	14-May-90	18-May-90
	900500134A	HGC_WN00	E245.1	NA	30-Apr-90	NA	14-May-90
	900500134A	ICPSWN00	SW6010	DIPSWN00	30-Apr-90	14-May-90	15-May-90
	900500134A	PBGSWA00	SW7421	DIFSWN00	30-Apr-90	14-May-90	17-May-90
	900500134A	SEGSWA00	SW7740	DIFSWN00	30-Apr-90	14-May-90	17-May-90
241							
	900500143A	HCTEWN00	E418.1	NA	30-Apr-90	NA	18-May-90

TABLE 6. SAMPLE EXTRACTION AND ANALYSIS DATA FOR CARSWELL AFB IRP
Collection/Preparation/Analysis Dates for Inorganic and Primary Organic Analyses

Sample	Lab ID	Radian Method	IRP Method	Extraction	Date Logged	Extracted	Analyzed
242							
	S00501406B	601EW001	E601	NA	30-Apr-90	NA	14-May-90
243							
	S00501407B	601EW001	E601	NA	30-Apr-90	NA	14-May-90
244							
	900500105A	CLTEWN00	E325.3	NA	30-Apr-90	NA	15-May-90
	900500105A	F_SEWA00	E340.2	NA	30-Apr-90	NA	15-May-90
	900500105A	SFN_WN00	SW9038	NA	30-Apr-90	NA	09-May-90
	900500105A	TDSEWN00	E160.1	NA	30-Apr-90	NA	07-May-90
245							
	900500106A	CLTEWN00	E325.3	NA	30-Apr-90	NA	15-May-90
	900500106A	F_SEWA00	E340.2	NA	30-Apr-90	NA	15-May-90
	900500106A	SFN_WN00	SW9038	NA	30-Apr-90	NA	09-May-90
	900500106A	TDSEWN00	E160.1	NA	30-Apr-90	NA	07-May-90
246							
	900500111A	NO3EWA00	E353.2	NA	30-Apr-90	NA	01-May-90
	900500111A	OPOEWN00	E365.2	NA	30-Apr-90	NA	01-May-90
247							
	900500112A	NO3EWA00	E353.2	NA	30-Apr-90	NA	01-May-90
	900500112A	OPOEWN00	E365.2	NA	30-Apr-90	NA	01-May-90
248							
	900500124A	ASGSWA00	SW7060	DIFSWN00	30-Apr-90	14-May-90	18-May-90
	900500124A	HGC_WN00	E245.1	NA	30-Apr-90	NA	14-May-90
	900500124A	ICPSWN00	SW6010	DIPSWN00	30-Apr-90	14-May-90	15-May-90
	900500124A	PBGSWA00	SW7421	DIFSWN00	30-Apr-90	14-May-90	17-May-90
	900500124A	SEGSWA00	SW7740	DIFSWN00	30-Apr-90	14-May-90	17-May-90
249							
	900500126A	ASGSWA00	SW7060	DIFSWN00	30-Apr-90	14-May-90	18-May-90
	900500126A	HGC_WN00	E245.1	NA	30-Apr-90	NA	14-May-90
	900500126A	ICPSWN00	SW6010	DIPSWN00	30-Apr-90	14-May-90	15-May-90
	900500126A	PBGSWA00	SW7421	DIFSWN00	30-Apr-90	14-May-90	17-May-90
	900500126A	SEGSWA00	SW7740	DIFSWN00	30-Apr-90	14-May-90	17-May-90
250							
	900500136A	ASGSWA00	SW7060	DIFSWN00	30-Apr-90	14-May-90	18-May-90
	900500136A	HGC_WN00	E245.1	NA	30-Apr-90	NA	14-May-90
	900500136A	ICPSWN00	SW6010	DIPSWN00	30-Apr-90	14-May-90	15-May-90

TABLE 6. SAMPLE EXTRACTION AND ANALYSIS DATA FOR CARSWELL AFB IRP
Collection/Preparation/Analysis Dates for Inorganic and Primary Organic Analyses

Sample	Lab ID	Radian Method	IRP Method	Extraction	Date Logged	Extracted	Analyzed
	900500136A	PBGSWA00	SW7421	DIFSWN00	30-Apr-90	14-May-90	17-May-90
	900500136A	SEGSWA00	SW7740	DIFSWN00	30-Apr-90	14-May-90	17-May-90
251							
	900500138A	ASGSWA00	SW7060	DIFSWN00	30-Apr-90	14-May-90	18-May-90
	900500138A	HGC_WN00	E245.1	NA	30-Apr-90	NA	14-May-90
	900500138A	ICPSWN00	SW6010	DIPSWN00	30-Apr-90	14-May-90	15-May-90
	900500138A	PBGSWA00	SW7421	DIFSWN00	30-Apr-90	14-May-90	17-May-90
	900500138A	SEGSWA00	SW7740	DIFSWN00	30-Apr-90	14-May-90	17-May-90
252							
	900500144A	HCTEWN00	E418.1	NA	30-Apr-90	NA	18-May-90
253							
	900500145A	HCTEWN00	E418.1	NA	30-Apr-90	NA	18-May-90
254							
	900500113A	NO3EWA00	E353.2	NA	30-Apr-90	NA	01-May-90
	900500113A	OPOEWN00	E365.2	NA	30-Apr-90	NA	01-May-90
255							
	900500114A	NO3EWA00	E353.2	NA	30-Apr-90	NA	01-May-90
	900500114A	OPOEWN00	E365.2	NA	30-Apr-90	NA	01-May-90
256							
	900500115A	NO3EWA00	E353.2	NA	30-Apr-90	NA	01-May-90
	900500115A	OPOEWN00	E365.2	NA	30-Apr-90	NA	01-May-90
257							
	S00501501B	601EWO01	E601	NA	01-May-90	NA	06-May-90
258							
	900501201A	CLTEWN00	E325.3	NA	01-May-90	NA	15-May-90
	900501201A	F_SEWA00	E340.2	NA	01-May-90	NA	15-May-90
	900501201A	SFN_WN00	SW9038	NA	01-May-90	NA	09-May-90
	900501201A	TDSEWN00	E160.1	NA	01-May-90	NA	08-May-90
259							
	900501207A	NO3EWA00	E353.2	NA	01-May-90	NA	02-May-90
	900501207A	OPOEWN00	E365.2	NA	01-May-90	NA	02-May-90

TABLE 6. SAMPLE EXTRACTION AND ANALYSIS DATA FOR CARSWELL AFB IRP
Collection/Preparation/Analysis Dates for Inorganic and Primary Organic Analyses

Sample	Lab ID	Radian Method	IRP Method	Extraction	Date Logged	Extracted	Analyzed
260							
	900501213A	ASGSWA00	SW7060	DIFSWN00	01-May-90	14-May-90	22-May-90
	900501213A	HGC_WN00	E245.1	NA	01-May-90	NA	15-May-90
	900501213A	ICPSWN00	SW6010	DIPSWN00	01-May-90	14-May-90	16-May-90
	900501213A	PBGSWA00	SW7421	DIFSWN00	01-May-90	14-May-90	18-May-90
	900501213A	SEGSWA00	SW7740	DIFSWN00	01-May-90	14-May-90	22-May-90
261							
	900501225A	ASGSWA00	SW7060	DIFSWN00	01-May-90	14-May-90	22-May-90
	900501225A	HGC_WN00	E245.1	NA	01-May-90	NA	15-May-90
	900501225A	ICPSWN00	SW6010	DIPSWN00	01-May-90	14-May-90	16-May-90
	900501225A	PBGSWA00	SW7421	DIFSWN00	01-May-90	14-May-90	18-May-90
	900501225A	SEGSWA00	SW7740	DIFSWN00	01-May-90	14-May-90	22-May-90
262							
	900501237A	HCTEWN00	E418.1	NA	01-May-90	NA	18-May-90
263							
	S00501502B	601EWO01	E601	NA	01-May-90	NA	06-May-90
264							
	S00501503B	601EWO01	E601	NA	01-May-90	NA	07-May-90
265							
	900501204A	CLTEWN00	E325.3	NA	01-May-90	NA	15-May-90
	900501204A	F_SEWA00	E340.2	NA	01-May-90	NA	15-May-90
	900501204A	SFN_WN00	SW9038	NA	01-May-90	NA	09-May-90
	900501204A	TDSEWN00	E160.1	NA	01-May-90	NA	08-May-90
266							
	900501210A	NO3EWA00	E353.2	NA	01-May-90	NA	02-May-90
	900501210A	OPOEWN00	E365.2	NA	01-May-90	NA	02-May-90
267							
	900501219A	ASGSWA00	SW7060	DIFSWN00	01-May-90	14-May-90	22-May-90
	900501219A	HGC_WN00	E245.1	NA	01-May-90	NA	15-May-90
	900501219A	ICPSWN00	SW6010	DIPSWN00	01-May-90	14-May-90	16-May-90
	900501219A	PBGSWA00	SW7421	DIFSWN00	01-May-90	14-May-90	18-May-90
	900501219A	SEGSWA00	SW7740	DIFSWN00	01-May-90	14-May-90	22-May-90
268							
	900501231A	ASGSWA00	SW7060	DIFSWN00	01-May-90	14-May-90	22-May-90
	900501231A	HGC_WN00	E245.1	NA	01-May-90	NA	15-May-90
	900501231A	ICPSWN00	SW6010	DIPSWN00	01-May-90	14-May-90	16-May-90

TABLE 6. SAMPLE EXTRACTION AND ANALYSIS DATA FOR CARSWELL AFB IRP
Collection/Preparation/Analysis Dates for Inorganic and Primary Organic Analyses

Sample	Lab ID	Radian Method	IRP Method	Extraction	Date Logged	Extracted	Analyzed
	900501231A	PBGSWA00	SW7421	DIFSWN00	01-May-90	14-May-90	18-May-90
	900501231A	SEGSWA00	SW7740	DIFSWN00	01-May-90	14-May-90	22-May-90
269							
	S00501504B	601EW001	E601	NA	01-May-90	NA	06-May-90
270							
	S00501505B	601EW001	E601	NA	01-May-90	NA	07-May-90
271							
	900501205A	CLTEWN00	E325.3	NA	01-May-90	NA	15-May-90
	900501205A	F_SEWA00	E340.2	NA	01-May-90	NA	15-May-90
	900501205A	SFN_WN00	SW9038	NA	01-May-90	NA	09-May-90
	900501205A	TDSEWN00	E160.1	NA	01-May-90	NA	08-May-90
272							
	900501211A	NO3EWA00	E353.2	NA	01-May-90	NA	02-May-90
	900501211A	OPOEWN00	E365.2	NA	01-May-90	NA	02-May-90
273							
	900501221A	ASGSWA00	SW7060	DIFSWN00	01-May-90	14-May-90	22-May-90
	900501221A	HGC_WN00	E245.1	NA	01-May-90	NA	15-May-90
	900501221A	ICPSWN00	SW6010	DIPSWN00	01-May-90	14-May-90	16-May-90
	900501221A	PBGSWA00	SW7421	DIFSWN00	01-May-90	14-May-90	18-May-90
	900501221A	SEGSWA00	SW7740	DIFSWN00	01-May-90	14-May-90	22-May-90
274							
	900501233A	ASGSWA00	SW7060	DIFSWN00	01-May-90	14-May-90	22-May-90
	900501233A	HGC_WN00	E245.1	NA	01-May-90	NA	15-May-90
	900501233A	ICPSWN00	SW6010	DIPSWN00	01-May-90	14-May-90	16-May-90
	900501233A	PBGSWA00	SW7421	DIFSWN00	01-May-90	14-May-90	18-May-90
	900501233A	SEGSWA00	SW7740	DIFSWN00	01-May-90	14-May-90	22-May-90
275							
	S00501506B	601EW001	E601	NA	01-May-90	NA	07-May-90
276							
	900501206A	CLTEWN00	E325.3	NA	01-May-90	NA	15-May-90
	900501206A	F_SEWA00	E340.2	NA	01-May-90	NA	15-May-90
	900501206A	SFN_WN00	SW9038	NA	01-May-90	NA	09-May-90
	900501206A	TDSEWN00	E160.1	NA	01-May-90	NA	08-May-90

TABLE 6. SAMPLE EXTRACTION AND ANALYSIS DATA FOR CARSWELL AFB IRP
Collection/Preparation/Analysis Dates for Inorganic and Primary Organic Analyses

Sample	Lab ID	Radian Method	IRP Method	Extraction	Date Logged	Extracted	Analyzed
277							
	900501212A	NO3EWA00	E353.2	NA	01-May-90	NA	02-May-90
	900501212A	OPOEWN00	E365.2	NA	01-May-90	NA	02-May-90
278							
	900501223A	ASGSWA00	SW7060	DIFSWN00	01-May-90	14-May-90	22-May-90
	900501223A	HGC_WN00	E245.1	NA	01-May-90	NA	15-May-90
	900501223A	ICPSWN00	SW6010	DIPSWN00	01-May-90	14-May-90	16-May-90
	900501223A	PBGSWA00	SW7421	DIFSWN00	01-May-90	14-May-90	18-May-90
	900501223A	SEGSWA00	SW7740	DIFSWN00	01-May-90	14-May-90	22-May-90
279							
	900501235A	ASGSWA00	SW7060	DIFSWN00	01-May-90	14-May-90	22-May-90
	900501235A	HGC_WN00	E245.1	NA	01-May-90	NA	15-May-90
	900501235A	ICPSWN00	SW6010	DIPSWN00	01-May-90	14-May-90	16-May-90
	900501235A	PBGSWA00	SW7421	DIFSWN00	01-May-90	14-May-90	18-May-90
	900501235A	SEGSWA00	SW7740	DIFSWN00	01-May-90	14-May-90	22-May-90
280							
	S00507801B	601EWO01	E601	NA	07-May-90	NA	20-May-90
281							
	900506501A	CLTEWN00	E325.3	NA	07-May-90	NA	22-May-90
	900506501A	F_SEWA00	E340.2	NA	07-May-90	NA	15-May-90
	900506501A	SFN_WN00	SW9038	NA	07-May-90	NA	21-May-90
	900506501A	TDSEWN00	E160.1	NA	07-May-90	NA	11-May-90
282							
	900506507A	NO3EWA00	E353.2	NA	07-May-90	NA	08-May-90
	900506507A	OPOEWN00	E365.2	NA	07-May-90	NA	08-May-90
283							
	900506513A	ASGSWA00	SW7060	DIFSWN00	07-May-90	17-May-90	30-May-90
	900506513A	HGC_WN00	E245.1	NA	07-May-90	NA	16-May-90
	900506513A	ICPSWN00	SW6010	DIPSWN00	07-May-90	17-May-90	18-May-90
	900506513A	PBGSWA00	SW7421	DIFSWN00	07-May-90	17-May-90	30-May-90
	900506513A	SEGSWA00	SW7740	DIFSWN00	07-May-90	17-May-90	23-May-90
284							
	900506525A	ASGSWA00	SW7060	DIFSWN00	07-May-90	17-May-90	30-May-90
	900506525A	HGC_WN00	E245.1	NA	07-May-90	NA	16-May-90
	900506525A	ICPSWN00	SW6010	DIPSWN00	07-May-90	17-May-90	18-May-90
	900506525A	PBGSWA00	SW7421	DIFSWN00	07-May-90	17-May-90	30-May-90
	900506525A	SEGSWA00	SW7740	DIFSWN00	07-May-90	17-May-90	31-May-90

TABLE 6. SAMPLE EXTRACTION AND ANALYSIS DATA FOR CARSWELL AFB IRP
Collection/Preparation/Analysis Dates for Inorganic and Primary Organic Analyses

Sample	Lab ID	Radian Method	IRP Method	Extraction	Date Logged	Extracted	Analyzed
285							
	S00507802B	601EW001	E601	NA	07-May-90	NA	20-May-90
286							
	S00507803B	601EW001	E601	NA	07-May-90	NA	21-May-90
287							
	900506502A	CLTEWN00	E325.3	NA	07-May-90	NA	22-May-90
	900506502A	F_SEWA00	E340.2	NA	07-May-90	NA	15-May-90
	900506502A	SFN_WN00	SW9038	NA	07-May-90	NA	21-May-90
	900506502A	TDSEWN00	E160.1	NA	07-May-90	NA	11-May-90
288							
	900506508A	NO3EWA00	E353.2	NA	07-May-90	NA	08-May-90
	900506508A	OPOEWN00	E365.2	NA	07-May-90	NA	08-May-90
289							
	900506515A	ASGSWA00	SW7060	DIFSWN00	07-May-90	17-May-90	30-May-90
	900506515A	HGC_WN00	E245.1	NA	07-May-90	NA	16-May-90
	900506515A	ICPSWN00	SW6010	DIPSWN00	07-May-90	17-May-90	18-May-90
	900506515A	PBGSWA00	SW7421	DIFSWN00	07-May-90	17-May-90	30-May-90
	900506515A	SEGSWA00	SW7740	DIFSWN00	07-May-90	17-May-90	23-May-90
290							
	900506527A	ASGSWA00	SW7060	DIFSWN00	07-May-90	17-May-90	30-May-90
	900506527A	HGC_WN00	E245.1	NA	07-May-90	NA	16-May-90
	900506527A	ICPSWN00	SW6010	DIPSWN00	07-May-90	17-May-90	18-May-90
	900506527A	PBGSWA00	SW7421	DIFSWN00	07-May-90	17-May-90	30-May-90
	900506527A	SEGSWA00	SW7740	DIFSWN00	07-May-90	17-May-90	31-May-90
291							
	S00507804B	601EW001	E601	NA	07-May-90	NA	21-May-90
292							
	900506503A	CLTEWN00	E325.3	NA	07-May-90	NA	22-May-90
	900506503A	F_SEWA00	E340.2	NA	07-May-90	NA	15-May-90
	900506503A	SFN_WN00	SW9038	NA	07-May-90	NA	21-May-90
	900506503A	TDSEWN00	E160.1	NA	07-May-90	NA	11-May-90
293							
	900506509A	NO3EWA00	E353.2	NA	07-May-90	NA	08-May-90
	900506509A	OPOEWN00	E365.2	NA	07-May-90	NA	08-May-90

TABLE 6. SAMPLE EXTRACTION AND ANALYSIS DATA FOR CARSWELL AFB IRP
Collection/Preparation/Analysis Dates for Inorganic and Primary Organic Analyses

Sample	Lab ID	Radian Method	IRP Method	Extraction	Date Logged	Extracted	Analyzed
294							
	900506517A	ASGSWA00	SW7060	DIFSWN00	07-May-90	17-May-90	30-May-90
	900506517A	HGC_WN00	E245.1	NA	07-May-90	NA	16-May-90
	900506517A	ICPSWN00	SW6010	DIPSWN00	07-May-90	17-May-90	18-May-90
	900506517A	PBGSWA00	SW7421	DIFSWN00	07-May-90	17-May-90	30-May-90
	900506517A	SEGSWA00	SW7740	DIFSWN00	07-May-90	17-May-90	23-May-90
295							
	900506529A	ASGSWA00	SW7060	DIFSWN00	07-May-90	17-May-90	30-May-90
	900506529A	HGC_WN00	E245.1	NA	07-May-90	NA	16-May-90
	900506529A	ICPSWN00	SW6010	DIPSWN00	07-May-90	17-May-90	18-May-90
	900506529A	PBGSWA00	SW7421	DIFSWN00	07-May-90	17-May-90	30-May-90
	900506529A	SEGSWA00	SW7740	DIFSWN00	07-May-90	17-May-90	31-May-90
296							
	S00507805B	601EWO01	E601	NA	07-May-90	NA	21-May-90
297							
	S00507806A	601EWO01	E601	NA	07-May-90	NA	19-May-90
298							
	900506504A	CLTEWN00	E325.3	NA	07-May-90	NA	22-May-90
	900506504A	F_SEWA00	E340.2	NA	07-May-90	NA	15-May-90
	900506504A	SFN_WN00	SW9038	NA	07-May-90	NA	21-May-90
	900506504A	TDSEWN00	E160.1	NA	07-May-90	NA	11-May-90
299							
	900506510A	NO3EWA00	E353.2	NA	07-May-90	NA	08-May-90
	900506510A	OPOEWN00	E365.2	NA	07-May-90	NA	08-May-90
300							
	900506519A	ASGSWA00	SW7060	DIFSWN00	07-May-90	17-May-90	30-May-90
	900506519A	HGC_WN00	E245.1	NA	07-May-90	NA	16-May-90
	900506519A	ICPSWN00	SW6010	DIPSWN00	07-May-90	17-May-90	18-May-90
	900506519A	PBGSWA00	SW7421	DIFSWN00	07-May-90	17-May-90	31-May-90
	900506519A	SEGSWA00	SW7740	DIFSWN00	07-May-90	17-May-90	31-May-90
301							
	900506531A	ASGSWA00	SW7060	DIFSWN00	07-May-90	17-May-90	30-May-90
	900506531A	HGC_WN00	E245.1	NA	07-May-90	NA	16-MaY-90
	900506531A	ICPSWN00	SW6010	DIPSWN00	07-May-90	17-May-90	18-May-90
	900506531A	PBGSWA00	SW7421	DIFSWN00	07-May-90	17-May-90	30-May-90
	900506531A	SEGSWA00	SW7740	DIFSWN00	07-May-90	17-May-90	31-May-90

TABLE 6. SAMPLE EXTRACTION AND ANALYSIS DATA FOR CARSWELL AFB IRP
Collection/Preparation/Analysis Dates for Inorganic and Primary Organic Analyses

Sample	Lab ID	Radian Method	IRP Method	Extraction	Date Logged	Extracted	Analyzed
302							
	S00507807B	601EWO01	E601	NA	07-May-90	NA	21-May-90
303							
	900506505A	CLTEWN00	E325.3	NA	07-May-90	NA	22-May-90
	900506505A	F_SEWA00	E340.2	NA	07-May-90	NA	15-May-90
	900506505A	SFN_WN00	SW9038	NA	07-May-90	NA	21-May-90
	900506505A	TDSEWN00	E160.1	NA	07-May-90	NA	11-May-90
304							
	900506511A	NO3EWA00	E353.2	NA	07-May-90	NA	08-May-90
	900506511A	OPOEWN00	E365.2	NA	07-May-90	NA	08-May-90
305							
	900506521A	ASGSWA00	SW7060	DIFSWN00	07-May-90	17-May-90	30-May-90
	900506521A	HGC_WN00	E245.1	NA	07-May-90	NA	16-May-90
	900506521A	ICPSWN00	SW6010	DIPSWN00	07-May-90	17-May-90	18-May-90
	900506521A	PBGSWA00	SW7421	DIFSWN00	07-May-90	17-May-90	31-May-90
	900506521A	SEGSWA00	SW7740	DIFSWN00	07-May-90	17-May-90	31-May-90
306							
	900506533A	ASGSWA00	SW7060	DIFSWN00	07-May-90	17-May-90	30-May-90
	900506533A	HGC_WN00	E245.1	NA	07-May-90	NA	16-May-90
	900506533A	ICPSWN00	SW6010	DIPSWN00	07-May-90	17-May-90	18-May-90
	900506533A	PBGSWA00	SW7421	DIFSWN00	07-May-90	17-May-90	31-May-90
	900506533A	SEGSWA00	SW7740	DIFSWN00	07-May-90	17-May-90	31-May-90
307							
	S00507808B	601EWO01	E601	NA	07-May-90	NA	21-May-90
308							
	900506506A	CLTEWN00	E325.3	NA	07-May-90	NA	22-May-90
	900506506A	F_SEWA00	E340.2	NA	07-May-90	NA	15-May-90
	900506506A	SFN_WN00	SW9038	NA	07-May-90	NA	21-May-90
	900506506A	TDSEWN00	E160.1	NA	07-May-90	NA	11-May-90
309							
	900506512A	NO3EWA00	E353.2	NA	07-May-90	NA	08-May-90
	900506512A	OPOEWN00	E365.2	NA	07-May-90	NA	08-May-90
310							
	900506523A	ASGSWA00	SW7060	DIFSWN00	07-May-90	17-May-90	30-May-90
	900506523A	HGC_WN00	E245.1	NA	07-May-90	NA	16-May-90
	900506523A	ICPSWN00	SW6010	DIPSWN00	07-May-90	17-May-90	18-May-90

TABLE 6. SAMPLE EXTRACTION AND ANALYSIS DATA FOR CARSWELL AFB IRP
Collection/Preparation/Analysis Dates for Inorganic and Primary Organic Analyses

Sample	Lab ID	Radian Method	IRP Method	Extraction	Date Logged	Extracted	Analyzed
	900506523A	PBGSWA00	SW7421	DIFSWN00	07-May-90	17-May-90	30-May-90
	900506523A	SEGSWA00	SW7740	DIFSWN00	07-May-90	17-May-90	31-May-90
311							
	900506535A	ASGSWA00	SW7060	DIFSWN00	07-May-90	17-May-90	30-May-90
	900506535A	HGC_WN00	E245.1	NA	07-May-90	NA	16-May-90
	900506535A	ICPSWN00	SW6010	DIPSWN00	07-May-90	17-May-90	18-May-90
	900506535A	PBGSWA00	SW7421	DIFSWN00	07-May-90	17-May-90	31-May-90
	900506535A	SEGSWA00	SW7740	DIFSWN00	07-May-90	17-May-90	31-May-90
312							
	S00509001A	601EWO01	E601	NA	08-May-90	NA	22-May-90
313							
	900508301A	CLTEWN00	E325.3	NA	08-May-90	NA	22-May-90
	900508301A	F_SEWA00	E340.2	NA	08-May-90	NA	15-May-90
	900508301A	SFN_WN00	SW9038	NA	08-May-90	NA	21-May-90
	900508301A	TDSEWN00	E160.1	NA	08-May-90	NA	15-May-90
314							
	900508309A	NO3EWA00	E353.2	NA	08-May-90	NA	09-May-90
	900508309A	OPOEWN00	E365.2	NA	08-May-90	NA	09-May-90
315							
	900508317A	ASGSWA00	SW7060	DIFSWN00	08-May-90	17-May-90	30-May-90
	900508317A	HGC_WN00	E245.1	NA	08-May-90	NA	17-May-90
	900508317A	ICPSWN00	SW6010	DIPSWN00	08-May-90	17-May-90	18-May-90
	900508317A	PBGSWA00	SW7421	DIFSWN00	08-May-90	17-May-90	31-May-90
	900508317A	SEGSWA00	SW7740	DIFSWN00	08-May-90	17-May-90	04-Jun-90
316							
	900508333A	ASGSWA00	SW7060	DIFSWN00	08-May-90	17-May-90	30-May-90
	900508333A	HGC_WN00	E245.1	NA	08-May-90	NA	17-May-90
	900508333A	ICPSWN00	SW6010	DIPSWN00	08-May-90	17-May-90	18-May-90
	900508333A	PBGSWA00	SW7421	DIFSWN00	08-May-90	17-May-90	31-May-90
	900508333A	SEGSWA00	SW7740	DIFSWN00	08-May-90	17-May-90	04-Jun-90
317							
	S00509003A	601EWO01	E601	NA	08-May-90	NA	22-May-90
318							
	S00509005A	601EWO01	E601	NA	08-May-90	NA	22-May-90

TABLE 6. SAMPLE EXTRACTION AND ANALYSIS DATA FOR CARSWELL AFB IRP
Collection/Preparation/Analysis Dates for Inorganic and Primary Organic Analyses

Sample	Lab ID	Radian Method	IRP Method	Extraction	Date Logged	Extracted	Analyzed
319							
	900508302A	CLTEWN00	E325.3	NA	08-May-90	NA	22-May-90
	900508302A	F_SEWA00	E340.2	NA	08-May-90	NA	15-May-90
	900508302A	SFN_WN00	SW9038	NA	08-May-90	NA	21-May-90
	900508302A	TDSEWN00	E160.1	NA	08-May-90	NA	15-May-90
320							
	900508310A	NO3EWA00	E353.2	NA	08-May-90	NA	09-May-90
	900508310A	OPOEWN00	E365.2	NA	08-May-90	NA	09-May-90
321							
	900508319A	ASGSWA00	SW7060	DIFSWN00	08-May-90	17-May-90	30-May-90
	900508319A	HGC_WN00	E245.1	NA	08-May-90	NA	17-May-90
	900508319A	ICPSWN00	SW6010	DIPSWN00	08-May-90	17-May-90	18-May-90
	900508319A	PBGSWA00	SW7421	DIFSWN00	08-May-90	17-May-90	31-May-90
	900508319A	SEGSWA00	SW7740	DIFSWN00	08-May-90	17-May-90	04-Jun-90
322							
	900508335A	ASGSWA00	SW7060	DIFSWN00	08-May-90	17-May-90	30-May-90
	900508335A	HGC_WN00	E245.1	NA	08-May-90	NA	17-May-90
	900508335A	ICPSWN00	SW6010	DIPSWN00	08-May-90	17-May-90	18-May-90
	900508335A	PBGSWA00	SW7421	DIFSWN00	08-May-90	17-May-90	31-May-90
	900508335A	SEGSWA00	SW7740	DIFSWN00	08-May-90	17-May-90	04-Jun-90
323							
	S00509007A	601EWO01	E601	NA	08-May-90	NA	22-May-90
324							
	900508303A	CLTEWN00	E325.3	NA	08-May-90	NA	22-May-90
	900508303A	F_SEWA00	E340.2	NA	08-May-90	NA	15-May-90
	900508303A	SFN_WN00	SW9038	NA	08-May-90	NA	21-May-90
	900508303A	TDSEWN00	E160.1	NA	08-May-90	NA	15-May-90
325							
	900508311A	NO3EWA00	E353.2	NA	08-May-90	NA	09-May-90
	900508311A	OPOEWN00	E365.2	NA	08-May-90	NA	09-May-90
326							
	900508321A	ASGSWA00	SW7060	DIFSWN00	08-May-90	17-May-90	30-May-90
	900508321A	HGC_WN00	E245.1	NA	08-May-90	NA	17-May-90
	900508321A	ICPSWN00	SW6010	DIPSWN00	08-May-90	17-May-90	18-May-90
	900508321A	PBGSWA00	SW7421	DIFSWN00	08-May-90	17-May-90	31-May-90
	900508321A	SEGSWA00	SW7740	DIFSWN00	08-May-90	17-May-90	04-Jun-90

TABLE 6. SAMPLE EXTRACTION AND ANALYSIS DATA FOR CARSWELL AFB IRP
Collection/Preparation/Analysis Dates for Inorganic and Primary Organic Analyses

Sample	Lab ID	Radian Method	IRP Method	Extraction	Date Logged	Extracted	Analyzed
327							
	900508337A	ASGSWA00	SW7060	DIFSWN00	08-May-90	17-May-90	30-May-90
	900508337A	HGC_WN00	E245.1	NA	08-May-90	NA	17-May-90
	900508337A	ICPSWN00	SW6010	DIPSWN00	08-May-90	17-May-90	18-May-90
	900508337A	PBGSWA00	SW7421	DIFSWN00	08-May-90	17-May-90	31-May-90
	900508337A	SEGSWA00	SW7740	DIFSWN00	08-May-90	17-May-90	04-Jun-90
328							
	S00509009A	601EWO01	E601	NA	08-May-90	NA	22-May-90
329							
	900508304A	CLTEWN00	E325.3	NA	08-May-90	NA	22-May-90
	900508304A	F_SEWA00	E340.2	NA	08-May-90	NA	15-May-90
	900508304A	SFN_WN00	SW9038	NA	08-May-90	NA	21-May-90
	900508304A	TDSEWN00	E160.1	NA	08-May-90	NA	15-May-90
330							
	900508312A	NO3EWA00	E353.2	NA	08-May-90	NA	09-May-90
	900508312A	OPOEWN00	E365.2	NA	08-May-90	NA	09-May-90
331							
	900508323A	ASGSWA00	SW7060	DIFSWN00	08-May-90	17-May-90	30-May-90
	900508323A	HGC_WN00	E245.1	NA	08-May-90	NA	17-May-90
	900508323A	ICPSWN00	SW6010	DIPSWN00	08-May-90	17-May-90	18-May-90
	900508323A	PBGSWA00	SW7421	DIFSWN00	08-May-90	17-May-90	31-May-90
	900508323A	SEGSWA00	SW7740	DIFSWN00	08-May-90	17-May-90	04-Jun-90
332							
	900508339A	ASGSWA00	SW7060	DIFSWN00	08-May-90	17-May-90	30-May-90
	900508339A	HGC_WN00	E245.1	NA	08-May-90	NA	17-May-90
	900508339A	ICPSWN00	SW6010	DIPSWN00	08-May-90	17-May-90	18-May-90
	900508339A	PBGSWA00	SW7421	DIFSWN00	08-May-90	17-May-90	31-May-90
	900508339A	SEGSWA00	SW7740	DIFSWN00	08-May-90	17-May-90	04-Jun-90
333							
	S00509011A	601EWO01	E601	NA	08-May-90	NA	22-May-90
334							
	900508305A	CLTEWN00	E325.3	NA	08-May-90	NA	22-May-90
	900508305A	F_SEWA00	E340.2	NA	08-May-90	NA	15-May-90
	900508305A	SFN_WN00	SW9038	NA	08-May-90	NA	21-May-90
	900508305A	TDSEWN00	E160.1	NA	08-May-90	NA	15-May-90

TABLE 6. SAMPLE EXTRACTION AND ANALYSIS DATA FOR CARSWELL AFB IRP
Collection/Preparation/Analysis Dates for Inorganic and Primary Organic Analyses

Sample	Lab ID	Radian Method	IRP Method	Extraction	Date Logged	Extracted	Analyzed
335							
	900508313A	NO3EWA00	E353.2	NA	08-May-90	NA	09-May-90
	900508313A	OPOEWN00	E365.2	NA	08-May-90	NA	09-May-90
336							
	900508325A	ASGSWA00	SW7060	DIFSWN00	08-May-90	17-May-90	30-May-90
	900508325A	HGC_WN00	E245.1	NA	08-May-90	NA	17-May-90
	900508325A	ICPSWN00	SW6010	DIPSWN00	08-May-90	17-May-90	18-May-90
	900508325A	PBGSWA00	SW7421	DIFSWN00	08-May-90	17-May-90	31-May-90
	900508325A	SEGSWA00	SW7740	DIFSWN00	08-May-90	17-May-90	04-Jun-90
337							
	900508341A	ASGSWA00	SW7060	DIFSWN00	08-May-90	17-May-90	30-May-90
	900508341A	HGC_WN00	E245.1	NA	08-May-90	NA	17-May-90
	900508341A	ICPSWN00	SW6010	DIPSWN00	08-May-90	17-May-90	18-May-90
	900508341A	PBGSWA00	SW7421	DIFSWN00	08-May-90	17-May-90	31-May-90
	900508341A	SEGSWA00	SW7740	DIFSWN00	08-May-90	17-May-90	04-Jun-90
338							
	S00509013A	601EWO01	E601	NA	08-May-90	NA	22-May-90
339							
	900508306A	CLTEWN00	E325.3	NA	08-May-90	NA	22-May-90
	900508306A	F_SEWA00	E340.2	NA	08-May-90	NA	15-May-90
	900508306A	SFN_WN00	SW9038	NA	08-May-90	NA	21-May-90
	900508306A	TOSEWN00	E160.1	NA	08-May-90	NA	15-May-90
340							
	900508314A	NO3EWA00	E353.2	NA	08-May-90	NA	09-May-90
	900508314A	OPOEWN00	E365.2	NA	08-May-90	NA	09-May-90
341							
	900508327A	ASGSWA00	SW7060	DIFSWN00	08-May-90	17-May-90	30-May-90
	900508327A	HGC_WN00	E245.1	NA	08-May-90	NA	17-May-90
	900508327A	ICPSWN00	SW6010	DIPSWN00	08-May-90	17-May-90	18-May-90
	900508327A	PBGSWA00	SW7421	DIFSWN00	08-May-90	17-May-90	31-May-90
	900508327A	SEGSWA00	SW7740	DIFSWN00	08-May-90	17-May-90	04-Jun-90
342							
	900508343A	ASGSWA00	SW7060	DIFSWN00	08-May-90	17-May-90	30-May-90
	900508343A	HGC_WN00	E245.1	NA	08-May-90	NA	17-May-90
	900508343A	ICPSWN00	SW6010	DIPSWN00	08-May-90	17-May-90	18-May-90
	900508343A	PBGSWA00	SW7421	DIFSWN00	08-May-90	17-May-90	31-May-90
	900508343A	SEGSWA00	SW7740	DIFSWN00	08-May-90	17-May-90	04-Jun-90

TABLE 6. SAMPLE EXTRACTION AND ANALYSIS DATA FOR CARSWELL AFB IRP
Collection/Preparation/Analysis Dates for Inorganic and Primary Organic Analyses

Sample	Lab ID	Radian Method	IRP Method	Extraction	Date Logged	Extracted	Analyzed
343							
	S00509015A	601EWO01	E601	NA	08-May-90	NA	22-May-90
344							
	S00509017A	601EWO01	E601	NA	08-May-90	NA	22-May-90
345							
	900508307A	CLTEWN00	E325.3	NA	08-May-90	NA	22-May-90
	900508307A	F_SEWA00	E340.2	NA	08-May-90	NA	15-May-90
	900508307A	SFN_WN00	SW9038	NA	08-May-90	NA	21-May-90
	900508307A	TDSEWN00	E160.1	NA	08-May-90	NA	15-May-90
346							
	900508308A	CLTEWN00	E325.3	NA	08-May-90	NA	22-May-90
	900508308A	F_SEWA00	E340.2	NA	08-May-90	NA	15-May-90
	900508308A	SFN_WN00	SW9038	NA	08-May-90	NA	21-May-90
	900508308A	TDSEWN00	E160.1	NA	08-May-90	NA	15-May-90
347							
	900508315A	NO3EWA00	E353.2	NA	08-May-90	NA	09-May-90
	900508315A	OPOEWN00	E365.2	NA	08-May-90	NA	09-May-90
348							
	900508316A	NO3EWA00	E353.2	NA	08-May-90	NA	09-May-90
	900508316A	OPOEWN00	E365.2	NA	08-May-90	NA	09-May-90
349							
	900508329A	ASGSWA00	SW7060	DIFSWN00	08-May-90	17-May-90	30-May-90
	900508329A	HGC_WN00	E245.1	NA	08-May-90	NA	17-May-90
	900508329A	ICPSWN00	SW6010	DIPSWN00	08-May-90	17-May-90	18-May-90
	900508329A	PBGSWA00	SW7421	DIFSWN00	08-May-90	17-May-90	31-May-90
	900508329A	SEGSWA00	SW7740	DIFSWN00	08-May-90	17-May-90	04-Jun-90
350							
	900508331A	ASGSWA00	SW7060	DIFSWN00	08-May-90	17-May-90	30-May-90
	900508331A	HGC_WN00	E245.1	NA	08-May-90	NA	17-May-90
	900508331A	ICPSWN00	SW6010	DIPSWN00	08-May-90	17-May-90	18-May-90
	900508331A	PBGSWA00	SW7421	DIFSWN00	08-May-90	17-May-90	31-May-90
	900508331A	SEGSWA00	SW7740	DIFSWN00	08-May-90	17-May-90	04-Jun-90

TABLE 6. SAMPLE EXTRACTION AND ANALYSIS DATA FOR CARSWELL AFB IRP
Collection/Preparation/Analysis Dates for Inorganic and Primary Organic Analyses

Sample	Lab ID	Radian Method	IRP Method	Extraction	Date Logged	Extracted	Analyzed
351							
	900508345A	ASGSWA00	SW7060	DIFSWN00	08-May-90	17-May-90	30-May-90
	900508345A	HGC_WN00	E245.1	NA	08-May-90	NA	17-May-90
	900508345A	ICPSWN00	SW6010	DIPSWN00	08-May-90	17-May-90	18-May-90
	900508345A	PBGSWA00	SW7421	DIFSWN00	08-May-90	17-May-90	31-May-90
	900508345A	SEGSWA00	SW7740	DIFSWN00	08-May-90	17-May-90	04-Jun-90
352							
	900508347A	ASGSWA00	SW7060	DIFSWN00	08-May-90	17-May-90	30-May-90
	900508347A	HGC_WN00	E245.1	NA	08-May-90	NA	17-May-90
	900508347A	ICPSWN00	SW6010	DIPSWN00	08-May-90	17-May-90	18-May-90
	900508347A	PBGSWA00	SW7421	DIFSWN00	08-May-90	17-May-90	31-May-90
	900508347A	SEGSWA00	SW7740	DIFSWN00	08-May-90	17-May-90	04-Jun-90
353							
	S00510101A	602EW001	E602	NA	09-May-90	NA	22-May-90
354							
	900510301A	CLTEWN00	E325.3	NA	09-May-90	NA	22-May-90
	900510301A	F_SEWA00	E340.2	NA	09-May-90	NA	16-May-90
	900510301A	SFN_WN00	SW9038	NA	09-May-90	NA	25-May-90
	900510301A	TDSEWN00	E160.1	NA	09-May-90	NA	15-May-90
355							
	900510310A	NO3EWA00	E353.2	NA	09-May-90	NA	10-May-90
	900510310A	OPOEWN00	E365.2	NA	09-May-90	NA	10-May-90
356							
	900510326A	ASGSWA00	SW7060	DIFSWN00	09-May-90		31-May-90
	900510326A	HGC_WN00	E245.1	NA	09-May-90	NA	21-May-90
	900510326A	ICPSWN00	SW6010	DIPSWN00	09-May-90		29-May-90
	900510326A	PBGSWA00	SW7421	DIFSWN00	09-May-90		05-Jun-90
	900510326A	SEGSWA00	SW7740	DIFSWN00	09-May-90		31-May-90
357							
	900510501A	ASGSWA00	SW7060	DIFSWN00	09-May-90	18-May-90	31-May-90
	900510501A	HGC_WN00	E245.1	NA	09-May-90	NA	21-May-90
	900510501A	ICPSWN00	SW6010	DIPSWN00	09-May-90	18-May-90	30-May-90
	900510501A	PBGSWA00	SW7421	DIFSWN00	09-May-90	18-May-90	06-Jun-90
	900510501A	SEGSWA00	SW7740	DIFSWN00	09-May-90	18-May-90	31-May-90

TABLE 6. SAMPLE EXTRACTION AND ANALYSIS DATA FOR CARSWELL AFB IRP
Collection/Preparation/Analysis Dates for Inorganic and Primary Organic Analyses

Sample	Lab ID	Radian Method	IRP Method	Extraction	Date Logged	Extracted	Analyzed
358							
	900510521A	HCTEWN00	E418.1	NA	09-May-90	NA	24-May-90
359							
	S00510103A	602EW001	E602	NA	09-May-90	NA	22-May-90
360							
	S00510105A	602EW001	E602	NA	09-May-90	NA	23-May-90
361							
	900510302A	CLTEWN00	E325.3	NA	09-May-90	NA	22-May-90
	900510302A	F_SEWA00	E340.2	NA	09-May-90	NA	16-May-90
	900510302A	SFN_WN00	SW9038	NA	09-May-90	NA	25-May-90
	900510302A	TOSEWN00	E160.1	NA	09-May-90	NA	15-May-90
362							
	900510311A	NO3EWA00	E353.2	NA	09-May-90	NA	10-May-90
	900510311A	OPOEWN00	E365.2	NA	09-May-90	NA	10-May-90
363							
	900510328A	ASGSWA00	SW7060	OIFSWN00	09-May-90		31-May-90
	900510328A	HGC_WN00	E245.1	NA	09-May-90	NA	21-May-90
	900510328A	ICPSWN00	SW6010	OIPSWN00	09-May-90		29-May-90
	900510328A	PBGSWA00	SW7421	OIFSWN00	09-May-90		05-Jun-90
	900510328A	SEGSWA00	SW7740	OIFSWN00	09-May-90		31-May-90
364							
	900510503A	ASGSWA00	SW7060	OIFSWN00	09-May-90	18-May-90	31-May-90
	900510503A	HGC_WN00	E245.1	NA	09-May-90	NA	21-May-90
	900510503A	ICPSWN00	SW6010	OIPSWN00	09-May-90	18-May-90	30-May-90
	900510503A	PBGSWA00	SW7421	OIFSWN00	09-May-90	18-May-90	06-Jun-90
	900510503A	SEGSWA00	SW7740	OIFSWN00	09-May-90	18-May-90	31-May-90
365							
	900510522A	HCTEWN00	E418.1	NA	09-May-90	NA	24-May-90
366							
	S00510107A	602EW001	E602	NA	09-May-90	NA	23-May-90
367							
	900510303A	CLTEWN00	E325.3	NA	09-May-90	NA	22-May-90
	900510303A	F_SEWA00	E340.2	NA	09-May-90	NA	16-May-90
	900510303A	SFN_WN00	SW9038	NA	09-May-90	NA	25-May-90
	900510303A	TOSEWN00	E160.1	NA	09-May-90	NA	15-May-90

TABLE 6. SAMPLE EXTRACTION AND ANALYSIS DATA FOR CARSWELL AFB IRP
Collection/Preparation/Analysis Dates for Inorganic and Primary Organic Analyses

Sample	Lab ID	Radian Method	IRP Method	Extraction	Date Logged	Extracted	Analyzed
368							
	900510312A	NO3EWA00	E353.2	NA	09-May-90	NA	10-May-90
	900510312A	OPOEWN00	E365.2	NA	09-May-90	NA	10-May-90
369							
	900510330A	ASGSWA00	SW7060	DIFSWN00	09-May-90		31-May-90
	900510330A	HGC_WN00	E245.1	NA	09-May-90	NA	21-May-90
	900510330A	ICPSWN00	SW6010	DIPSWN00	09-May-90		29-May-90
	900510330A	PBGSWA00	SW7421	DIFSWN00	09-May-90		05-Jun-90
	900510330A	SEGSWA00	SW7740	DIFSWN00	09-May-90		31-May-90
370							
	900510505A	ASGSWA00	SW7060	DIFSWN00	09-May-90	18-May-90	31-May-90
	900510505A	HGC_WN00	E245.1	NA	09-May-90	NA	21-May-90
	900510505A	ICPSWN00	SW6010	DIPSWN00	09-May-90	18-May-90	30-May-90
	900510505A	PBGSWA00	SW7421	DIFSWN00	09-May-90	18-May-90	06-Jun-90
	900510505A	SEGSWA00	SW7740	DIFSWN00	09-May-90	18-May-90	31-May-90
371							
	900510523A	HCTEWN00	E418.1	NA	09-May-90	NA	24-May-90
372							
	S00510109A	602EWO01	E602	NA	09-May-90	NA	22-May-90
373							
	S00510111A	602EWO01	E602	NA	09-May-90	NA	22-May-90
374							
	900510304A	CLTEWN00	E325.3	NA	09-May-90	NA	22-May-90
	900510304A	F_SEWA00	E340.2	NA	09-May-90	NA	16-May-90
	900510304A	SFN_WN00	SW9038	NA	09-May-90	NA	25-May-90
	900510304A	TDSEWN00	E160.1	NA	09-May-90	NA	15-May-90
375							
	900510313A	NO3EWA00	E353.2	NA	09-May-90	NA	10-May-90
	900510313A	OPOEWN00	E365.2	NA	09-May-90	NA	10-May-90
376							
	900510332A	ASGSWA00	SW7060	DIFSWN00	09-May-90		31-May-90
	900510332A	HGC_WN00	E245.1	NA	09-May-90	NA	21-May-90
	900510332A	ICPSWN00	SW6010	DIPSWN00	09-May-90		29-May-90
	900510332A	PBGSWA00	SW7421	DIFSWN00	09-May-90		05-Jun-90
	900510332A	SEGSWA00	SW7740	DIFSWN00	09-May-90		31-May-90

TABLE 6. SAMPLE EXTRACTION AND ANALYSIS DATA FOR CARSWELL AFB IRP
Collection/Preparation/Analysis Dates for Inorganic and Primary Organic Analyses

Sample	Lab ID	Radian Method	IRP Method	Extraction	Date Logged	Extracted	Analyzed
377							
	900510507A	ASGSWA00	SW7060	DIFSWN00	09-May-90	18-May-90	31-May-90
	900510507A	HGC_WN00	E245.1	NA	09-May-90	NA	21-May-90
	900510507A	ICPSWN00	SW6010	DIPSWN00	09-May-90	18-May-90	30-May-90
	900510507A	PBGSWA00	SW7421	DIFSWN00	09-May-90	18-May-90	06-Jun-90
	900510507A	SEGSWA00	SW7740	DIFSWN00	09-May-90	18-May-90	31-May-90
378							
	900510524A	HCTEWN00	E418.1	NA	09-May-90	NA	24-May-90
379							
	900510314A	NO3EWA00	E353.2	NA	09-May-90	NA	10-May-90
	900510314A	OPOEWN00	E365.2	NA	09-May-90	NA	10-May-90
380							
	900510315A	NO3EWA00	E353.2	NA	09-May-90	NA	10-May-90
	900510315A	OPOEWN00	E365.2	NA	09-May-90	NA	10-May-90
381							
	900510316A	NO3EWA00	E353.2	NA	09-May-90	NA	10-May-90
	900510316A	OPOEWN00	E365.2	NA	09-May-90	NA	10-May-90
382							
	900510317A	NO3EWA00	E353.2	NA	09-May-90	NA	10-May-90
	900510317A	OPOEWN00	E365.2	NA	09-May-90	NA	10-May-90
383							
	900510318A	NO3EWA00	E353.2	NA	09-May-90	NA	10-May-90
	900510318A	OPOEWN00	E365.2	NA	09-May-90	NA	10-May-90
384							
	900510319A	NO3EWA00	E353.2	NA	09-May-90	NA	10-May-90
	900510319A	OPOEWN00	E365.2	NA	09-May-90	NA	10-May-90
385							
	900510320A	NO3EWA00	E353.2	NA	09-May-90	NA	10-May-90
	900510320A	OPOEWN00	E365.2	NA	09-May-90	NA	10-May-90
386							
	S00510113A	602EW001	E602	NA	09-May-90	NA	23-May-90

TABLE 6. SAMPLE EXTRACTION AND ANALYSIS DATA FOR CARSWELL AFB IRP
Collection/Preparation/Analysis Dates for Inorganic and Primary Organic Analyses

Sample	Lab ID	Radian Method	IRP Method	Extraction	Date Logged	Extracted	Analyzed
387							
	900510305A	CLTEWN00	E325.3	NA	09-May-90	NA	22-May-90
	900510305A	F_SEWA00	E340.2	NA	09-May-90	NA	16-May-90
	900510305A	SFN_WN00	SW9038	NA	09-May-90	NA	25-May-90
	900510305A	TDSEWN00	E160.1	NA	09-May-90	NA	15-May-90
388							
	900510321A	NO3EWA00	E353.2	NA	09-May-90	NA	10-May-90
	900510321A	OPOEWN00	E365.2	NA	09-May-90	NA	10-May-90
389							
	900510334A	ASGSWA00	SW7060	DIFSWN00	09-May-90		31-May-90
	900510334A	HGC_WN00	E245.1	NA	09-May-90	NA	21-May-90
	900510334A	ICPSWN00	SW6010	DIPSWN00	09-May-90		29-May-90
	900510334A	PBGSWA00	SW7421	DIFSWN00	09-May-90		06-Jun-90
	900510334A	SEGSWA00	SW7740	DIFSWN00	09-May-90		31-May-90
390							
	900510509A	ASGSWA00	SW7060	DIFSWN00	09-May-90	18-May-90	31-May-90
	900510509A	HGC_WN00	E245.1	NA	09-May-90	NA	21-May-90
	900510509A	ICPSWN00	SW6010	DIPSWN00	09-May-90	18-May-90	30-May-90
	900510509A	PBGSWA00	SW7421	DIFSWN00	09-May-90	18-May-90	06-Jun-90
	900510509A	SEGSWA00	SW7740	DIFSWN00	09-May-90	18-May-90	31-May-90
391							
	900510525A	HCTEWN00	E418.1	NA	09-May-90	NA	24-May-90
395							
	900510308A	CLTEWN00	E325.3	NA	09-May-90	NA	22-May-90
	900510308A	F_SEWA00	E340.2	NA	09-May-90	NA	16-May-90
	900510308A	SFN_WN00	SW9038	NA	09-May-90	NA	25-May-90
	900510308A	TDSEWN00	E160.1	NA	09-May-90	NA	15-May-90
396							
	900510309A	CLTEWN00	E325.3	NA	09-May-90	NA	22-May-90
	900510309A	F_SEWA00	E340.2	NA	09-May-90	NA	16-May-90
	900510309A	SFN_WN00	SW9038	NA	09-May-90	NA	25-May-90
	900510309A	TDSEWN00	E160.1	NA	09-May-90	NA	15-May-90
397							
	900510324A	NO3EWA00	E353.2	NA	09-May-90	NA	10-May-90
	900510324A	OPOEWN00	E365.2	NA	09-May-90	NA	10-May-90

TABLE 6. SAMPLE EXTRACTION AND ANALYSIS DATA FOR CARSWELL AFB IRP
Collection/Preparation/Analysis Dates for Inorganic and Primary Organic Analyses

Sample	Lab ID	Radian Method	IRP Method	Extraction	Date Logged	Extracted	Analyzed
398							
	900510325A	NO3EWA00	E353.2	NA	09-May-90	NA	10-May-90
	900510325A	OPOEWN00	E365.2	NA	09-May-90	NA	10-May-90
399							
	900510340A	ASGSWA00	SW7060	DIFSWN00	09-May-90		31-May-90
	900510340A	HGC_WN00	E245.1	NA	09-May-90	NA	21-May-90
	900510340A	ICPSWN00	SW6010	DIPSWN00	09-May-90		29-May-90
	900510340A	PBGSWA00	SW7421	DIFSWN00	09-May-90		06-Jun-90
	900510340A	SEGSWA00	SW7740	DIFSWN00	09-May-90		31-May-90
400							
	900510342A	ASGSWA00	SW7060	DIFSWN00	09-May-90		31-May-90
	900510342A	HGC_WN00	E245.1	NA	09-May-90	NA	21-May-90
	900510342A	ICPSWN00	SW6010	DIPSWN00	09-May-90		29-May-90
	900510342A	PBGSWA00	SW7421	DIFSWN00	09-May-90		06-Jun-90
	900510342A	SEGSWA00	SW7740	DIFSWN00	09-May-90		31-May-90
401							
	900510515A	ASGSWA00	SW7060	DIFSWN00	09-May-90	18-May-90	31-May-90
	900510515A	HGC_WN00	E245.1	NA	09-May-90	NA	21-May-90
	900510515A	ICPSWN00	SW6010	DIPSWN00	09-May-90	18-May-90	30-May-90
	900510515A	PBGSWA00	SW7421	DIFSWN00	09-May-90	18-May-90	06-Jun-90
	900510515A	SEGSWA00	SW7740	DIFSWN00	09-May-90	18-May-90	31-May-90
402							
	900510517A	ASGSWA00	SW7060	DIFSWN00	09-May-90	18-May-90	31-May-90
	900510517A	HGC_WN00	E245.1	NA	09-May-90	NA	21-May-90
	900510517A	ICPSWN00	SW6010	DIPSWN00	09-May-90	18-May-90	30-May-90
	900510517A	PBGSWA00	SW7421	DIFSWN00	09-May-90	18-May-90	06-Jun-90
	900510517A	SEGSWA00	SW7740	DIFSWN00	09-May-90	18-May-90	31-May-90
403							
	900510528A	HCTEWN00	E418.1	NA	09-May-90	NA	24-May-90
404							
	900510529A	HCTEWN00	E418.1	NA	09-May-90	NA	24-May-90
405							
	S00510711A	602EW001	E602	NA	10-May-90	NA	24-May-90

TABLE 6. SAMPLE EXTRACTION AND ANALYSIS DATA FOR CARSWELL AFB IRP
Collection/Preparation/Analysis Dates for Inorganic and Primary Organic Analyses

Sample	Lab ID	Radian Method	IRP Method	Extraction	Date Logged	Extracted	Analyzed
406							
	900511401A	CLTEWN00	E325.3	NA	10-May-90	NA	25-May-90
	900511401A	F_SEWA00	E340.2	NA	10-May-90	NA	16-May-90
	900511401A	SFN_WN00	SW9038	NA	10-May-90	NA	25-May-90
	900511401A	TDSEWN00	E160.1	NA	10-May-90	NA	17-May-90
407							
	900511410A	NO3EWA00	E353.2	NA	10-May-90	NA	11-May-90
	900511410A	OPOEWN00	E365.2	NA	10-May-90	NA	11-May-90
408							
	900511419A	ASGSWA00	SW7060	DIFSWN00	10-May-90	24-May-90	02-Jun-90
	900511419A	HGC_WN00	E245.1	NA	10-May-90	NA	24-May-90
	900511419A	ICPSWN00	SW6010	DIPSWN00	10-May-90	18-May-90	29-May-90
	900511419A	PBGSWA00	SW7421	DIFSWN00	10-May-90	24-May-90	02-Jun-90
	900511419A	SEGSWA00	SW7740	DIFSWN00	10-May-90	24-May-90	06-Jun-90
409							
	900511437A	ASGSWA00	SW7060	DIFSWN00	10-May-90	24-May-90	02-Jun-90
	900511437A	HGC_WN00	E245.1	NA	10-May-90	NA	24-May-90
	900511437A	ICPSWN00	SW6010	DIPSWN00	10-May-90	18-May-90	29-May-90
	900511437A	PBGSWA00	SW7421	DIFSWN00	10-May-90	24-May-90	02-Jun-90
	900511437A	SEGSWA00	SW7740	DIFSWN00	10-May-90	24-May-90	06-Jun-90
410							
	900511455A	HCTEWN00	E418.1	NA	10-May-90	NA	24-May-90
411							
	S00510701B	601EWO01	E601	NA	10-May-90	NA	24-May-90
412							
	S00510712A	602EWO01	E602	NA	10-May-90	NA	24-May-90
413							
	900511402A	CLTEWN00	E325.3	NA	10-May-90	NA	25-May-90
	900511402A	F_SEWA00	E340.2	NA	10-May-90	NA	16-May-90
	900511402A	SFN_WN00	SW9038	NA	10-May-90	NA	25-May-90
	900511402A	TDSEWN00	E160.1	NA	10-May-90	NA	17-May-90
414							
	900511411A	NO3EWA00	E353.2	NA	10-May-90	NA	11-May-90
	900511411A	OPOEWN00	E365.2	NA	10-May-90	NA	11-May-90

TABLE 6. SAMPLE EXTRACTION AND ANALYSIS DATA FOR CARSWELL AFB IRP
Collection/Preparation/Analysis Dates for Inorganic and Primary Organic Analyses

Sample	Lab ID	Radian Method	IRP Method	Extraction	Date Logged	Extracted	Analyzed
415							
	900511421A	ASGSWA00	SW7060	DIFSWN00	10-May-90	24-May-90	02-Jun-90
	900511421A	HGC_WN00	E245.1	NA	10-May-90	NA	24-May-90
	900511421A	ICPSWN00	SW6010	DIPSWN00	10-May-90	18-May-90	29-May-90
	900511421A	PBGSWA00	SW7421	DIFSWN00	10-May-90	24-May-90	02-Jun-90
	900511421A	SEGSWA00	SW7740	DIFSWN00	10-May-90	24-May-90	06-Jun-90
416							
	900511439A	ASGSWA00	SW7060	DIFSWN00	10-May-90	24-May-90	02-Jun-90
	900511439A	HGC_WN00	E245.1	NA	10-May-90	NA	24-May-90
	900511439A	ICPSWN00	SW6010	DIPSWN00	10-May-90	18-May-90	29-May-90
	900511439A	PBGSWA00	SW7421	DIFSWN00	10-May-90	24-May-90	02-Jun-90
	900511439A	SEGSWA00	SW7740	DIFSWN00	10-May-90	24-May-90	06-Jun-90
417							
	900511456A	HCTEWN00	E418.1	NA	10-May-90	NA	24-May-90
418							
	S00510702B	601EWO01	E601	NA	10-May-90	NA	24-May-90
419							
	900511403A	CLTEWN00	E325.3	NA	10-May-90	NA	25-May-90
	900511403A	F_SEWA00	E340.2	NA	10-May-90	NA	16-May-90
	900511403A	SFN_WN00	SW9038	NA	10-May-90	NA	25-May-90
	900511403A	TDSEWN00	E160.1	NA	10-May-90	NA	17-May-90
420							
	900511412A	NO3EWA00	E353.2	NA	10-May-90	NA	11-May-90
	900511412A	OPOEWN00	E365.2	NA	10-May-90	NA	11-May-90
421							
	900511423A	ASGSWA00	SW7060	DIFSWN00	10-May-90	24-May-90	02-Jun-90
	900511423A	HGC_WN00	E245.1	NA	10-May-90	NA	24-May-90
	900511423A	ICPSWN00	SW6010	DIPSWN00	10-May-90	18-May-90	29-May-90
	900511423A	PBGSWA00	SW7421	DIFSWN00	10-May-90	24-May-90	02-Jun-90
	900511423A	SEGSWA00	SW7740	DIFSWN00	10-May-90	24-May-90	06-Jun-90
422							
	900511441A	ASGSWA00	SW7060	DIFSWN00	10-May-90	24-May-90	02-Jun-90
	900511441A	HGC_WN00	E245.1	NA	10-May-90	NA	24-May-90
	900511441A	ICPSWN00	SW6010	DIPSWN00	10-May-90	18-May-90	29-May-90
	900511441A	PBGSWA00	SW7421	DIFSWN00	10-May-90	24-May-90	02-Jun-90
	900511441A	SEGSWA00	SW7740	DIFSWN00	10-May-90	24-May-90	06-Jun-90

TABLE 6. SAMPLE EXTRACTION AND ANALYSIS DATA FOR CARSWELL AFB IRP
Collection/Preparation/Analysis Dates for Inorganic and Primary Organic Analyses

Sample	Lab ID	Radian Method	IRP Method	Extraction	Date Logged	Extracted	Analyzed
423							
	S00510703B	601EW001	E601	NA	10-May-90	NA	24-May-90
424							
	S00510704B	601EW001	E601	NA	10-May-90	NA	24-May-90
425							
	900511404A	CLTEWN00	E325.3	NA	10-May-90	NA	25-May-90
	900511404A	F_SEWA00	E340.2	NA	10-May-90	NA	16-May-90
	900511404A	SFN_WN00	SW9038	NA	10-May-90	NA	25-May-90
	900511404A	TDSEWN00	E160.1	NA	10-May-90	NA	17-May-90
426							
	900511405A	CLTEWN00	E325.3	NA	10-May-90	NA	25-May-90
	900511405A	F_SEWA00	E340.2	NA	10-May-90	NA	16-May-90
	900511405A	SFN_WN00	SW9038	NA	10-May-90	NA	25-May-90
	900511405A	TDSEWN00	E160.1	NA	10-May-90	NA	17-May-90
427							
	900511413A	NO3EWA00	E353.2	NA	10-May-90	NA	11-May-90
	900511413A	OPOEWN00	E365.2	NA	10-May-90	NA	11-May-90
428							
	900511414A	NO3EWA00	E353.2	NA	10-May-90	NA	11-May-90
	900511414A	OPOEWN00	E365.2	NA	10-May-90	NA	11-May-90
429							
	900511425A	ASGSWA00	SW7060	DIFSWN00	10-May-90	24-May-90	02-Jun-90
	900511425A	HGC_WN00	E245.1	NA	10-May-90	NA	24-May-90
	900511425A	ICPSWN00	SW6010	DIPSWN00	10-May-90	18-May-90	29-May-90
	900511425A	PBGSWA00	SW7421	DIFSWN00	10-May-90	24-May-90	02-Jun-90
	900511425A	SEGSWA00	SW7740	DIFSWN00	10-May-90	24-May-90	06-Jun-90
430							
	900511427A	ASGSWA00	SW7060	DIFSWN00	10-May-90	24-May-90	02-Jun-90
	900511427A	HGC_WN00	E245.1	NA	10-May-90	NA	24-May-90
	900511427A	ICPSWN00	SW6010	DIPSWN00	10-May-90	18-May-90	29-May-90
	900511427A	PBGSWA00	SW7421	DIFSWN00	10-May-90	24-May-90	02-Jun-90
	900511427A	SEGSWA00	SW7740	DIFSWN00	10-May-90	24-May-90	06-Jun-90
431							
	900511443A	ASGSWA00	SW7060	DIFSWN00	10-May-90	24-May-90	02-Jun-90
	900511443A	HGC_WN00	E245.1	NA	10-May-90	NA	24-May-90
	900511443A	ICPSWN00	SW6010	DIPSWN00	10-May-90	18-May-90	29-May-90

TABLE 6. SAMPLE EXTRACTION AND ANALYSIS DATA FOR CARSWELL AFB IRP
Collection/Preparation/Analysis Dates for Inorganic and Primary Organic Analyses

Sample	Lab ID	Radian Method	IRP Method	Extraction	Date Logged	Extracted	Analyzed
	900511443A	PBGSWA00	SW7421	DIFSWN00	10-May-90	24-May-90	02-Jun-90
	900511443A	SEGSWA00	SW7740	DIFSWN00	10-May-90	24-May-90	06-Jun-90
432							
	900511445A	ASGSWA00	SW7060	DIFSWN00	10-May-90	24-May-90	02-Jun-90
	900511445A	HGC_WN00	E245.1	NA	10-May-90	NA	24-May-90
	900511445A	ICPSWN00	SW6010	DIPSWN00	10-May-90	18-May-90	29-May-90
	900511445A	PBGSWA00	SW7421	DIFSWN00	10-May-90	24-May-90	02-Jun-90
	900511445A	SEGSWA00	SW7740	DIFSWN00	10-May-90	24-May-90	06-Jun-90
433							
	S00510705B	601EWO01	E601	NA	10-May-90	NA	24-May-90
434							
	S00510706B	601EWO01	E601	NA	10-May-90	NA	24-May-90
435							
	900511406A	CLTEWN00	E325.3	NA	10-May-90	NA	25-May-90
	900511406A	F_SEWA00	E340.2	NA	10-May-90	NA	16-May-90
	900511406A	SFN_WN00	SW9038	NA	10-May-90	NA	25-May-90
	900511406A	TDSEWN00	E160.1	NA	10-May-90	NA	17-May-90
436							
	900511415A	NO3EWA00	E353.2	NA	10-May-90	NA	11-May-90
	900511415A	OPOEWN00	E365.2	NA	10-May-90	NA	11-May-90
437							
	900511429A	ASGSWA00	SW7060	DIFSWN00	10-May-90	24-May-90	02-Jun-90
	900511429A	HGC_WN00	E245.1	NA	10-May-90	NA	24-May-90
	900511429A	ICPSWN00	SW6010	DIPSWN00	10-May-90	18-May-90	29-May-90
	900511429A	PBGSWA00	SW7421	DIFSWN00	10-May-90	24-May-90	02-Jun-90
	900511429A	SEGSWA00	SW7740	DIFSWN00	10-May-90	24-May-90	06-Jun-90
438							
	900511447A	ASGSWA00	SW7060	DIFSWN00	10-May-90	24-May-90	02-Jun-90
	900511447A	HGC_WN00	E245.1	NA	10-May-90	NA	24-May-90
	900511447A	ICPSWN00	SW6010	DIPSWN00	10-May-90	18-May-90	29-May-90
	900511447A	PBGSWA00	SW7421	DIFSWN00	10-May-90	24-May-90	02-Jun-90
	900511447A	SEGSWA00	SW7740	DIFSWN00	10-May-90	24-May-90	06-Jun-90
439							
	S00510707B	601EWO01	E601	NA	10-May-90	NA	24-May-90

TABLE 6. SAMPLE EXTRACTION AND ANALYSIS DATA FOR CARSWELL AFB IRP
Collection/Preparation/Analysis Dates for Inorganic and Primary Organic Analyses

Sample	Lab ID	Radian Method	IRP Method	Extraction	Date Logged	Extracted	Analyzed
440							
	900511407A	CLTEWN00	E325.3	NA	10-May-90	NA	25-May-90
	900511407A	F_SEWA00	E340.2	NA	10-May-90	NA	16-May-90
	900511407A	SFN_WN00	SW9038	NA	10-May-90	NA	25-May-90
	900511407A	TDSEWN00	E160.1	NA	10-May-90	NA	17-May-90
441							
	900511416A	NO3EWA00	E353.2	NA	10-May-90	NA	11-May-90
	900511416A	OPOEWN00	E365.2	NA	10-May-90	NA	11-May-90
442							
	900511431A	ASGSWA00	SW7060	DIFSWN00	10-May-90	24-May-90	02-Jun-90
	900511431A	HGC_WN00	E245.1	NA	10-May-90	NA	24-May-90
	900511431A	ICPSWN00	SW6010	DIPSWN00	10-May-90	18-May-90	29-May-90
	900511431A	PBGSWA00	SW7421	DIFSWN00	10-May-90	24-May-90	02-Jun-90
	900511431A	SEGSWA00	SW7740	DIFSWN00	10-May-90	24-May-90	06-Jun-90
443							
	900511449A	ASGSWA00	SW7060	DIFSWN00	10-May-90	24-May-90	02-Jun-90
	900511449A	HGC_WN00	E245.1	NA	10-May-90	NA	24-May-90
	900511449A	ICPSWN00	SW6010	DIPSWN00	10-May-90	18-May-90	29-May-90
	900511449A	PBGSWA00	SW7421	DIFSWN00	10-May-90	24-May-90	02-Jun-90
	900511449A	SEGSWA00	SW7740	DIFSWN00	10-May-90	24-May-90	06-Jun-90
444							
	S00510708B	601EW001	E601	NA	10-May-90	NA	24-May-90
445							
	900511408A	CLTEWN00	E325.3	NA	10-May-90	NA	25-May-90
	900511408A	F_SEWA00	E340.2	NA	10-May-90	NA	16-May-90
	900511408A	SFN_WN00	SW9038	NA	10-May-90	NA	25-May-90
	900511408A	TDSEWN00	E160.1	NA	10-May-90	NA	17-May-90
446							
	900511417A	NO3EWA00	E353.2	NA	10-May-90	NA	11-May-90
	900511417A	OPOEWN00	E365.2	NA	10-May-90	NA	11-May-90
447							
	900511433A	ASGSWA00	SW7060	DIFSWN00	10-May-90	24-May-90	02-Jun-90
	900511433A	HGC_WN00	E245.1	NA	10-May-90	NA	24-May-90
	900511433A	ICPSWN00	SW6010	DIPSWN00	10-May-90	18-May-90	29-May-90
	900511433A	PBGSWA00	SW7421	DIFSWN00	10-May-90	24-May-90	02-Jun-90
	900511433A	SEGSWA00	SW7740	DIFSWN00	10-May-90	24-May-90	06-Jun-90

TABLE 6. SAMPLE EXTRACTION AND ANALYSIS DATA FOR CARSWELL AFB IRP
Collection/Preparation/Analysis Dates for Inorganic and Primary Organic Analyses

Sample	Lab ID	Radian Method	IRP Method	Extraction	Date Logged	Extracted	Analyzed
448							
	900511451A	ASGSWA00	SW7060	DIFSWN00	10-May-90	24-May-90	02-Jun-90
	900511451A	HGC_WN00	E245.1	NA	10-May-90	NA	24-May-90
	900511451A	ICPSWN00	SW6010	DIPSWN00	10-May-90	18-May-90	29-May-90
	900511451A	PBGSWA00	SW7421	DIFSWN00	10-May-90	24-May-90	02-Jun-90
	900511451A	SEGSWA00	SW7740	DIFSWN00	10-May-90	24-May-90	07-Jun-90
449							
	S00510709A	601EW001	E601	NA	10-May-90	NA	24-May-90
450							
	900511409A	CLTEWN00	E325.3	NA	10-May-90	NA	25-May-90
	900511409A	F_SEWA00	E340.2	NA	10-May-90	NA	16-May-90
	900511409A	SFN_WN00	SW9038	NA	10-May-90	NA	25-May-90
	900511409A	TDSEWN00	E160.1	NA	10-May-90	NA	17-May-90
451							
	900511418A	NO3EWA00	E353.2	NA	10-May-90	NA	11-May-90
	900511418A	OPOEWN00	E365.2	NA	10-May-90	NA	11-May-90
452							
	900511435A	ASGSWA00	SW7060	DIFSWN00	10-May-90	24-May-90	02-Jun-90
	900511435A	HGC_WN00	E245.1	NA	10-May-90	NA	24-May-90
	900511435A	ICPSWN00	SW6010	DIPSWN00	10-May-90	18-May-90	29-May-90
	900511435A	PBGSWA00	SW7421	DIFSWN00	10-May-90	24-May-90	02-Jun-90
	900511435A	SEGSWA00	SW7740	DIFSWN00	10-May-90	24-May-90	06-Jun-90
453							
	900511453A	ASGSWA00	SW7060	DIFSWN00	10-May-90	24-May-90	02-Jun-90
	900511453A	HGC_WN00	E245.1	NA	10-May-90	NA	24-May-90
	900511453A	ICPSWN00	SW6010	DIPSWN00	10-May-90	18-May-90	29-May-90
	900511453A	PBGSWA00	SW7421	DIFSWN00	10-May-90	24-May-90	02-Jun-90
	900511453A	SEGSWA00	SW7740	DIFSWN00	10-May-90	24-May-90	07-Jun-90
454							
	S00511701A	601EW001	E601	NA	11-May-90	NA	25-May-90
455							
	900514101A	CLTEWN00	E325.3	NA	11-May-90	NA	25-May-90
	900514101A	F_SEWA00	E340.2	NA	11-May-90	NA	16-May-90
	900514101A	SFN_WN00	SW9038	NA	11-May-90	NA	25-May-90
	900514101A	TDSEWN00	E160.1	NA	11-May-90	NA	17-May-90

TABLE 6. SAMPLE EXTRACTION AND ANALYSIS DATA FOR CARSWELL AFB IRP
Collection/Preparation/Analysis Dates for Inorganic and Primary Organic Analyses

Sample	Lab ID	Radian Method	IRP Method	Extraction	Date Logged	Extracted	Analyzed
456							
	900514108A	ASGSWA00	SW7060	DIFSWN00	11-May-90	22-May-90	08-Jun-90
	900514108A	HGC_WN00	E245.1	NA	11-May-90	NA	28-May-90
	900514108A	ICPSWN00	SW6010	DIPSWN00	11-May-90	22-May-90	01-Jun-90
	900514108A	PBGSWA00	SW7421	DIFSWN00	11-May-90	22-May-90	07-Jun-90
	900514108A	SEGSWA00	SW7740	DIFSWN00	11-May-90	22-May-90	07-Jun-90
457							
	900514124A	ASGSWA00	SW7060	DIFSWN00	11-May-90	22-May-90	08-Jun-90
	900514124A	HGC_WN00	E245.1	NA	11-May-90	NA	28-May-90
	900514124A	ICPSWN00	SW6010	DIPSWN00	11-May-90	22-May-90	01-Jun-90
	900514124A	PBGSWA00	SW7421	DIFSWN00	11-May-90	22-May-90	07-Jun-90
	900514124A	SEGSWA00	SW7740	DIFSWN00	11-May-90	22-May-90	07-Jun-90
458							
	S00511703A	601EWO01	E601	NA	11-May-90	NA	25-May-90
459							
	900514102A	CLTEWN00	E325.3	NA	11-May-90	NA	25-May-90
	900514102A	F_SEWA00	E340.2	NA	11-May-90	NA	16-May-90
	900514102A	SFN_WN00	SW9038	NA	11-May-90	NA	25-May-90
	900514102A	TDSEWN00	E160.1	NA	11-May-90	NA	17-May-90
460							
	900514112A	ASGSWA00	SW7060	DIFSWN00	11-May-90	22-May-90	08-Jun-90
	900514112A	HGC_WN00	E245.1	NA	11-May-90	NA	28-May-90
	900514112A	ICPSWN00	SW6010	DIPSWN00	11-May-90	22-May-90	01-Jun-90
	900514112A	PBGSWA00	SW7421	DIFSWN00	11-May-90	22-May-90	07-Jun-90
	900514112A	SEGSWA00	SW7740	DIFSWN00	11-May-90	22-May-90	07-Jun-90
461							
	900514128A	ASGSWA00	SW7060	DIFSWN00	11-May-90	22-May-90	08-Jun-90
	900514128A	HGC_WN00	E245.1	NA	11-May-90	NA	28-May-90
	900514128A	ICPSWN00	SW6010	DIPSWN00	11-May-90	22-May-90	01-Jun-90
	900514128A	PBGSWA00	SW7421	DIFSWN00	11-May-90	22-May-90	07-Jun-90
	900514128A	SEGSWA00	SW7740	DIFSWN00	11-May-90	22-May-90	08-Jun-90
462							
	S00511705A	601EWO01	E601	NA	11-May-90	NA	25-May-90
463							
	900514103A	CLTEWN00	E325.3	NA	11-May-90	NA	25-May-90
	900514103A	F_SEWA00	E340.2	NA	11-May-90	NA	16-May-90
	900514103A	SFN_WN00	SW9038	NA	11-May-90	NA	25-May-90

TABLE 6. SAMPLE EXTRACTION AND ANALYSIS DATA FOR CARSWELL AFB IRP
Collection/Preparation/Analysis Dates for Inorganic and Primary Organic Analyses

Sample	Lab ID	Radian Method	IRP Method	Extraction	Date Logged	Extracted	Analyzed
	900514103A	TDSEWN00	E160.1	NA	11-May-90	NA	17-May-90
464							
	900514114A	ASGSWA00	SW7060	DIFSWN00	11-May-90	22-May-90	08-Jun-90
	900514114A	HGC_WN00	E245.1	NA	11-May-90	NA	28-May-90
	900514114A	ICPSWN00	SW6010	DIPSWN00	11-May-90	22-May-90	01-Jun-90
	900514114A	PBGSWA00	SW7421	DIFSWN00	11-May-90	22-May-90	07-Jun-90
	900514114A	SEGSWA00	SW7740	DIFSWN00	11-May-90	22-May-90	07-Jun-90
465							
	900514130A	ASGSWA00	SW7060	DIFSWN00	11-May-90	22-May-90	08-Jun-90
	900514130A	HGC_WN00	E245.1	NA	11-May-90	NA	28-May-90
	900514130A	ICPSWN00	SW6010	DIPSWN00	11-May-90	22-May-90	01-Jun-90
	900514130A	PBGSWA00	SW7421	DIFSWN00	11-May-90	22-May-90	07-Jun-90
	900514130A	SEGSWA00	SW7740	DIFSWN00	11-May-90	22-May-90	08-Jun-90
466							
	S00511707A	601EWO01	E601	NA	11-May-90	NA	25-May-90
467							
	900514104A	CLTEWN00	E325.3	NA	11-May-90	NA	25-May-90
	900514104A	F_SEWA00	E340.2	NA	11-May-90	NA	16-May-90
	900514104A	SFN_WN00	SW9038	NA	11-May-90	NA	25-May-90
	900514104A	TDSEWN00	E160.1	NA	11-May-90	NA	17-May-90
468							
	900514116A	ASGSWA00	SW7060	DIFSWN00	11-May-90	22-May-90	08-Jun-90
	900514116A	HGC_WN00	E245.1	NA	11-May-90	NA	28-May-90
	900514116A	ICPSWN00	SW6010	DIPSWN00	11-May-90	22-May-90	01-Jun-90
	900514116A	PBGSWA00	SW7421	DIFSWN00	11-May-90	22-May-90	07-Jun-90
	900514116A	SEGSWA00	SW7740	DIFSWN00	11-May-90	22-May-90	07-Jun-90
469							
	900514132A	ASGSWA00	SW7060	DIFSWN00	11-May-90	22-May-90	08-Jun-90
	900514132A	HGC_WN00	E245.1	NA	11-May-90	NA	28-May-90
	900514132A	ICPSWN00	SW6010	DIPSWN00	11-May-90	22-May-90	01-Jun-90
	900514132A	PBGSWA00	SW7421	DIFSWN00	11-May-90	22-May-90	07-Jun-90
	900514132A	SEGSWA00	SW7740	DIFSWN00	11-May-90	22-May-90	08-Jun-90
470							
	S00511709A	601EWO01	E601	NA	11-May-90	NA	25-May-90

TABLE 6. SAMPLE EXTRACTION AND ANALYSIS DATA FOR CARSWELL AFB IRP
Collection/Preparation/Analysis Dates for Inorganic and Primary Organic Analyses

Sample	Lab ID	Radian Method	IRP Method	Extraction	Date Logged	Extracted	Analyzed
471							
	900514105A	CLTEWN00	E325.3	NA	11-May-90	NA	25-May-90
	900514105A	F_SEWA00	E340.2	NA	11-May-90	NA	16-May-90
	900514105A	SFN_WN00	SW9038	NA	11-May-90	NA	25-May-90
	900514105A	TDSEWN00	E160.1	NA	11-May-90	NA	17-May-90
472							
	900514118A	ASGSWA00	SW7060	DIFSWN00	11-May-90	22-May-90	08-Jun-90
	900514118A	HGC_WN00	E245.1	NA	11-May-90	NA	28-May-90
	900514118A	ICPSWN00	SW6010	DIPSWN00	11-May-90	22-May-90	01-Jun-90
	900514118A	PBGSWA00	SW7421	DIFSWN00	11-May-90	22-May-90	07-Jun-90
	900514118A	SEGSWA00	SW7740	DIFSWN00	11-May-90	22-May-90	07-Jun-90
473							
	900514134A	ASGSWA00	SW7060	DIFSWN00	11-May-90	22-May-90	08-Jun-90
	900514134A	HGC_WN00	E245.1	NA	11-May-90	NA	28-May-90
	900514134A	ICPSWN00	SW6010	DIPSWN00	11-May-90	22-May-90	01-Jun-90
	900514134A	PBGSWA00	SW7421	DIFSWN00	11-May-90	22-May-90	07-Jun-90
	900514134A	SEGSWA00	SW7740	DIFSWN00	11-May-90	22-May-90	08-Jun-90
474							
	S00511711A	601EW001	E601	NA	11-May-90	NA	25-May-90
475							
	900514106A	CLTEWN00	E325.3	NA	11-May-90	NA	25-May-90
	900514106A	F_SEWA00	E340.2	NA	11-May-90	NA	16-May-90
	900514106A	SFN_WN00	SW9038	NA	11-May-90	NA	25-May-90
	900514106A	TDSEWN00	E160.1	NA	11-May-90	NA	17-May-90
476							
	900514120A	ASGSWA00	SW7060	DIFSWN00	11-May-90	22-May-90	08-Jun-90
	900514120A	HGC_WN00	E245.1	NA	11-May-90	NA	28-May-90
	900514120A	ICPSWN00	SW6010	DIPSWN00	11-May-90	22-May-90	01-Jun-90
	900514120A	PBGSWA00	SW7421	DIFSWN00	11-May-90	22-May-90	07-Jun-90
	900514120A	SEGSWA00	SW7740	DIFSWN00	11-May-90	22-May-90	07-Jun-90
477							
	900514136A	ASGSWA00	SW7060	DIFSWN00	11-May-90	22-May-90	08-Jun-90
	900514136A	HGC_WN00	E245.1	NA	11-May-90	NA	28-May-90
	900514136A	ICPSWN00	SW6010	DIPSWN00	11-May-90	22-May-90	01-Jun-90
	900514136A	PBGSWA00	SW7421	DIFSWN00	11-May-90	22-May-90	07-Jun-90
	900514136A	SEGSWA00	SW7740	DIFSWN00	11-May-90	22-May-90	08-Jun-90

TABLE 6. SAMPLE EXTRACTION AND ANALYSIS DATA FOR CARSWELL AFB IRP
Collection/Preparation/Analysis Dates for Inorganic and Primary Organic Analyses

Sample	Lab ID	Radian Method	IRP Method	Extraction	Date Logged	Extracted	Analyzed
478							
	S00511713A	601EW001	E601	NA	11-May-90	NA	25-May-90
479							
	S00511715A	601EW001	E601	NA	11-May-90	NA	25-May-90
480							
	900514107A	CLTEWN00	E325.3	NA	11-May-90	NA	25-May-90
	900514107A	F_SEWA00	E340.2	NA	11-May-90	NA	16-May-90
	900514107A	SFN_WN00	SW9038	NA	11-May-90	NA	25-May-90
	900514107A	TDSEWN00	E160.1	NA	11-May-90	NA	17-May-90
481							
	900514122A	ASGSWA00	SW7060	DIFSWN00	11-May-90	22-May-90	08-Jun-90
	900514122A	HGC_WN00	E245.1	NA	11-May-90	NA	28-May-90
	900514122A	ICPSWN00	SW6010	DIPSWN00	11-May-90	22-May-90	01-Jun-90
	900514122A	PBGSWA00	SW7421	DIFSWN00	11-May-90	22-May-90	07-Jun-90
	900514122A	SEGSWA00	SW7740	DIFSWN00	11-May-90	22-May-90	07-Jun-90
482							
	900514138A	ASGSWA00	SW7060	DIFSWN00	11-May-90	22-May-90	08-Jun-90
	900514138A	HGC_WN00	E245.1	NA	11-May-90	NA	28-May-90
	900514138A	ICPSWN00	SW6010	DIPSWN00	11-May-90	22-May-90	01-Jun-90
	900514138A	PBGSWA00	SW7421	DIFSWN00	11-May-90	22-May-90	07-Jun-90
	900514138A	SEGSWA00	SW7740	DIFSWN00	11-May-90	22-May-90	08-Jun-90

TABLE 6. SAMPLE EXTRACTION AND ANALYSIS DATA FOR CARSWELL AFB IRP
Collection/Preparation/Analysis Dates for Organic Second Column Confirmation Analyses

Sample	Lab ID	Radian Method	IRP Method	Extraction	Date Logged	Extracted	Analyzed
001							
	S00418401A	601EW001	E601	NA	17-Apr-90	NA	30-Apr-90
006							
	S00418402A	601EW001	E601	NA	17-Apr-90	NA	28-Apr-90
007							
	S00418403A	601EW001	E601	NA	17-Apr-90	NA	28-Apr-90
012							
	S00418404A	601EW001	E601	NA	17-Apr-90	NA	30-Apr-90
017							
	S00418405A	601EW001	E601	NA	17-Apr-90	NA	30-Apr-90
022							
	S00419601A	601EW001	E601	NA	18-Apr-90	NA	23-Apr-90
027							
	S00419602A	601EW001	E601	NA	18-Apr-90	NA	24-Apr-90
028							
	S00419603A	601EW001	E601	NA	18-Apr-90	NA	24-Apr-90
039							
	S00419605A	601EW001	E601	NA	18-Apr-90	NA	24-Apr-90
044							
	S00421701B	602EW001	E602	NA	19-Apr-90	NA	03-May-90
051							
	S00421703B	602EW001	E602	NA	19-Apr-90	NA	03-May-90
063							
	S00421705B	602EW001	E602	NA	19-Apr-90	NA	03-May-90
070							
	S00421707B	602EW001	E602	NA	19-Apr-90	NA	03-May-90
076							
	S00422801B	602EW001	E602	NA	19-Apr-90	NA	02-May-90

TABLE 6. SAMPLE EXTRACTION AND ANALYSIS DATA FOR CARSWELL AFB IRP
Collection/Preparation/Analysis Dates for Organic Second Column Confirmation Analyses

Sample	Lab ID	Radian Method	IRP Method	Extraction	Date Logged	Extracted	Analyzed
081							
	S00422802B	602EW001	E602	NA	20-Apr-90	NA	02-May-90
082							
	S00422803B	602EW001	E602	NA	20-Apr-90	NA	02-May-90
087							
	S00425201B	602EW001	E602	NA	23-Apr-90	NA	06-May-90
093							
	S00425204B	602EW001	E602	NA	23-Apr-90	NA	06-May-90
094							
	S00425202B	602EW001	E602	NA	23-Apr-90	NA	06-May-90
108							
	S00426701A	602EW001	E602	NA	24-Apr-90	NA	04-May-90
115							
	S00426703A	602EW001	E602	NA	24-Apr-90	NA	04-May-90
121							
	S00426704A	602EW001	E602	NA	24-Apr-90	NA	04-May-90
128							
	S00426706A	602EW001	E602	NA	24-Apr-90	NA	04-May-90
129							
	S00426707A	602EW001	E602	NA	24-Apr-90	NA	04-May-90
146							
	S00426710A	601EW001	E601	NA	24-Apr-90	NA	04-May-90
151							
	S00428301A	601EW001	E601	NA	25-Apr-90	NA	08-May-90
166							
	S00428304A	601EW001	E601	NA	25-Apr-90	NA	08-May-90
167							
	S00428305A	601EW001	E601	NA	25-Apr-90	NA	09-May-90

TABLE 6. SAMPLE EXTRACTION AND ANALYSIS DATA FOR CARSWELL AFB IRP
Collection/Preparation/Analysis Dates for Organic Second Column Confirmation Analyses

Sample	Lab ID	Radian Method	IRP Method	Extraction	Date Logged	Extracted	Analyzed
172							
	S00428306A	601EW001	E601	NA	25-Apr-90	NA	09-May-90
173							
	S00428307A	601EW001	E601	NA	25-Apr-90	NA	09-May-90
182							
	S00428308A	601EW001	E601	NA	25-Apr-90	NA	08-May-90
183							
	S00429501A	601EW001	E601	NA	26-Apr-90	NA	10-May-90
198							
	S00429504A	601EW001	E601	NA	26-Apr-90	NA	09-May-90
199							
	S00429505A	601EW001	E601	NA	26-Apr-90	NA	09-May-90
204							
	S00430101A	601EW001	E601	NA	27-Apr-90	NA	11-May-90
208							
	S00430102A	601EW001	E601	NA	27-Apr-90	NA	10-May-90
209							
	S00430103A	601EW001	E601	NA	27-Apr-90	NA	11-May-90
213							
	S00430104A	601EW001	E601	NA	27-Apr-90	NA	11-May-90
217							
	S00501401A	601EW001	E601	NA	30-Apr-90	NA	12-May-90
223							
	S00501402A	601EW001	E601	NA	30-Apr-90	NA	12-May-90
224							
	S00501403A	601EW001	E601	NA	30-Apr-90	NA	11-May-90
230							
	S00501404A	601EW001	E601	NA	30-Apr-90	NA	11-May-90

TABLE 6. SAMPLE EXTRACTION AND ANALYSIS DATA FOR CARSWELL AFB IRP
Collection/Preparation/Analysis Dates for Organic Second Column Confirmation Analyses

Sample	Lab ID	Radian Method	IRP Method	Extraction	Date Logged	Extracted	Analyzed
236	S00501405A	601EW001	E601	NA	30-Apr-90	NA	12-May-90
242	S00501406A	601EW001	E601	NA	30-Apr-90	NA	13-May-90
243	S00501407A	601EW001	E601	NA	30-Apr-90	NA	13-May-90
257	S00501501A	601EW001	E601	NA	01-May-90	NA	05-May-90
263	S00501502A	601EW001	E601	NA	01-May-90	NA	05-May-90
264	S00501503A	601EW001	E601	NA	01-May-90	NA	07-May-90
269	S00501504A	601EW001	E601	NA	01-May-90	NA	05-May-90
270	S00501505A	601EW001	E601	NA	01-May-90	NA	07-May-90
275	S00501506A	601EW001	E601	NA	01-May-90	NA	07-May-90
280	S00507801A	601EW001	E601	NA	07-May-90	NA	19-May-90
285	S00507802A	601EW001	E601	NA	07-May-90	NA	19-May-90
286	S00507803A	601EW001	E601	NA	07-May-90	NA	19-May-90
291	S00507804A	601EW001	E601	NA	07-May-90	NA	19-May-90
296	S00507805A	601EW001	E601	NA	07-May-90	NA	19-May-90

TABLE 6. SAMPLE EXTRACTION AND ANALYSIS DATA FOR CARSWELL AFB IRP
Collection/Preparation/Analysis Dates for Organic Second Column Confirmation Analyses

Sample	Lab ID	Radian Method	IRP Method	Extraction	Date Logged	Extracted	Analyzed
302							
	S00507807A	601EW001	E601	NA	07-May-90	NA	19-May-90
307							
	S00507808A	601EW001	E601	NA	07-May-90	NA	19-May-90
312							
	S00509002A	601EW001	E601	NA	08-May-90	NA	22-May-90
318							
	S00509006A	601EW001	E601	NA	08-May-90	NA	22-May-90
323							
	S00509008A	601EW001	E601	NA	08-May-90	NA	22-May-90
328							
	S00509010A	601EW001	E601	NA	08-May-90	NA	22-May-90
333							
	S00509012A	601EW001	E601	NA	08-May-90	NA	20-May-90
338							
	S00509014A	601EW001	E601	NA	08-May-90	NA	22-May-90
343							
	S00509016A	601EW001	E601	NA	08-May-90	NA	22-May-90
344							
	S00509018A	601EW001	E601	NA	08-May-90	NA	22-May-90
353							
	S00510102A	602EW001	E602	NA	09-May-90	NA	23-May-90
360							
	S00510106A	602EW001	E602	NA	09-May-90	NA	23-May-90
366							
	S00510108A	602EW001	E602	NA	09-May-90	NA	23-May-90
372							
	S00510110A	602EW001	E602	NA	09-May-90	NA	23-May-90

TABLE 6. SAMPLE EXTRACTION AND ANALYSIS DATA FOR CARSWELL AFB IRP
Collection/Preparation/Analysis Dates for Organic Second Column Confirmation Analyses

Sample	Lab ID	Radian Method	IRP Method	Extraction	Date Logged	Extracted	Analyzed
373							
	S00510112A	602EW001	E602	NA	09-May-90	NA	23-May-90
386							
	S00510114A	602EW001	E602	NA	09-May-90	NA	23-May-90
411							
	S00510701A	601EW001	E601	NA	10-May-90	NA	24-May-90
418							
	S00510702A	601EW001	E601	NA	10-May-90	NA	24-May-90
423							
	S00510703A	601EW001	E601	NA	10-May-90	NA	24-May-90
424							
	S00510704A	601EW001	E601	NA	10-May-90	NA	24-May-90
433							
	S00510705A	601EW001	E601	NA	10-May-90	NA	24-May-90
434							
	S00510706A	601EW001	E601	NA	10-May-90	NA	24-May-90
439							
	S00510707A	601EW001	E601	NA	10-May-90	NA	24-May-90
444							
	S00510708A	601EW001	E601	NA	10-May-90	NA	24-May-90
454							
	S00511702A	601EW001	E601	NA	11-May-90	NA	25-May-90
462							
	S00511706A	601EW001	E601	NA	11-May-90	NA	25-May-90
466							
	S00511708A	601EW001	E601	NA	11-May-90	NA	25-May-90
470							
	S00511710A	601EW001	E601	NA	11-May-90	NA	25-May-90

TABLE 6. SAMPLE EXTRACTION AND ANALYSIS DATA FOR CARSWELL AFB IRP
Collection/Preparation/Analysis Dates for Organic Second Column Confirmation Analyses

Sample	Lab ID	Radian Method	IRP Method	Extraction	Date Logged	Extracted	Analyzed
474							
	S00511712A	601EW001	E601	NA	11-May-90	NA	25-May-90
479							
	S00511716A	601EW001	E601	NA	11-May-90	NA	25-May-90

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