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TECHNICAL MEMORANDUM SOUTHSIDE OPEN BURNING/OPEN DETONATION FACILITY
CNC CHARLESTON SC
3/25/1997
ENSAFE/ ALLEN AND HOSHALL

COMPREHENSIVE LONG-TERM ENVIRONMENTAL ACTION NAVY
CHARLESTON NAVAL WEAPONS STATION
CHARLESTON, SOUTH CAROLINA
CTO-0115

TECHNICAL MEMORANDUM SOUTHSIDE OPEN BURNING/OPEN DETONATION FACILITY

Prepared for:

Department of the Navy
Southern Division
Naval Facilities Engineering Command
Charleston, South Carolina

SOUTHDIV Contract Number:
N62467-89-D-0318

Prepared by:

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The Contractor, EnSafe/Allen & Hoshall, hereby certifies that, to the best of its knowledge and belief, the technical data delivered herewith under Contract No. N62467-89-D-0318 is complete, accurate, and complies with all requirements of the contract.

Date 3/25/97
Signature Todd Haverkost, P.G.
Name: Todd Haverkost
Title: Task Order Manager

March 25, 1997

COMPREHENSIVE LONG-TERM
ENVIRONMENTAL ACTION NAVY
NAVAL WEAPONS STATION
CHARLESTON, SOUTH CAROLINA

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DEPARTMENT OF THE NAVY
SOUTHERN DIVISION
NAVAL FACILITIES ENGINEERING COMMAND
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March 25, 1997

Release of this document requires the prior notification of the Commanding Officer of the Naval Weapons Station, Charleston, South Carolina.

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ACRONYM LIST

bgs	below ground surface
BRA	Baseline Risk Assessment
CFR	Code of Federal Regulations
CLP	Contract Laboratory Program
COPCs	Chemicals of Potential Concern
CPSS	Chemicals Present in Site Samples
DQO	Data Quality Objective
ERA	Ecological Risk Assessment
mg/kg	milligram per kilogram
NWS	Naval Weapons Station
OB/OD	Open Burning/Open Detention
PAHs	Polycyclic Aromatic Hydrocarbons
PRGs	Preliminary Remediation Goals
RAGs	Risk Assessment Guidance for Superfund
RBC	Risk-based Concentrations
RCRA	Resource Conservation and Recovery Act
RFA	RCRA Facility Assessment
RGOs	Remedial Goal Objectives
SCDHEC	South Carolina Department of Health and Environmental Control
SVOCs	Semivolatile Organic Compounds
SWMU	Solid Waste Management Unit
USEPA	United States Environmental Protection Agency
UCL	Upper Confidence Limit
UTL	Upper Tolerance Level
ug/kg	micrograms per kilogram
ug/L	micrograms per liter

1.0 INTRODUCTION

The Southside Open Burning/Open Detonation facility located Naval Weapons Station, Charleston, South Carolina, is undergoing closure in accordance with 40 CFR 265, Subpart G, and the South Carolina Hazardous Waste Management Regulations R.61-79.264.110 through R.61-79.264.120 (Figure 1-1). The site has interim status for the treatment of hazardous waste, per the requirements of 40 CFR 265, and is identified as Solid Waste Management Unit (SWMU) #18.

The facility was used for open burning/open detonation (OB/OD) operations approximately 20 times per year between 1965 and 1980; it was used only sporadically for this purpose from 1980 until 1987. Ordnance is no longer treated at the facility and will not be in the future. Mercury batteries are also thought to have been buried on this site. This OB/OD facility, an open air unit with no protection from the weather, covers approximately 5.0 acres. Site topography is generally flat; sloping gently to the south, east, and west. The majority of the site is covered with grass and young pines, and surrounded by heavily wooded areas. An asphalt paved road, which becomes gravel in the southern portion of area, runs north-south along the eastern border of the site. A southeast-northwest trending unpaved road also extends across the southern perimeter of the site. Much of the area surrounding the facility, which includes the Goose Creek Tidal Marsh, is classified as wetlands. As described in the closure plan, the site is generally bounded to the east, south, and southeast by three additional SWMUs unrelated to operations at SWMU 18.

Implementation of the closure plan began in June 1996 and is currently still in progress. As currently written, the closure plan requires the establishment of quantified background reference concentrations by sampling. These proposed background concentrations are subject to approval by the South Carolina Department of Health and Environmental Control (SCDHEC) and are to be used to define the nature and extent of any contamination present.

Mapped, edited, and published by the Geological Survey

In addition to providing the required evaluation of background, this technical memorandum also summarizes the results of the geophysical survey and all analytical data generated during the field investigation, presents a preliminary comparison between the background concentrations and site data, and proposes an alternative method to evaluate cleanup levels. Evaluation of alternate cleanup levels would use a risk based approach consistent with the SCDHEC *Bureau of Solid and Hazardous Waste Management, Assessment and Remediation Criteria* memo dated July 31, 1995.

Samples were chemically analyzed by either Southwest Laboratories or Ceimic Laboratories; both are SCDHEC-certified laboratories. Validation of all chemical data was completed by an independent, third party data validation contractor following the *USEPA Contract Laboratory Program (CLP) Organic and Inorganic Functional Guidelines*.

2.0 FIELD INVESTIGATION

The closure plan outlined sampling of surface soil, subsurface soil, sediment, surface water and groundwater, and performance of a geophysical survey as investigative activities. A general site map is presented as Figure 2.0.

2.1 Soil Sampling

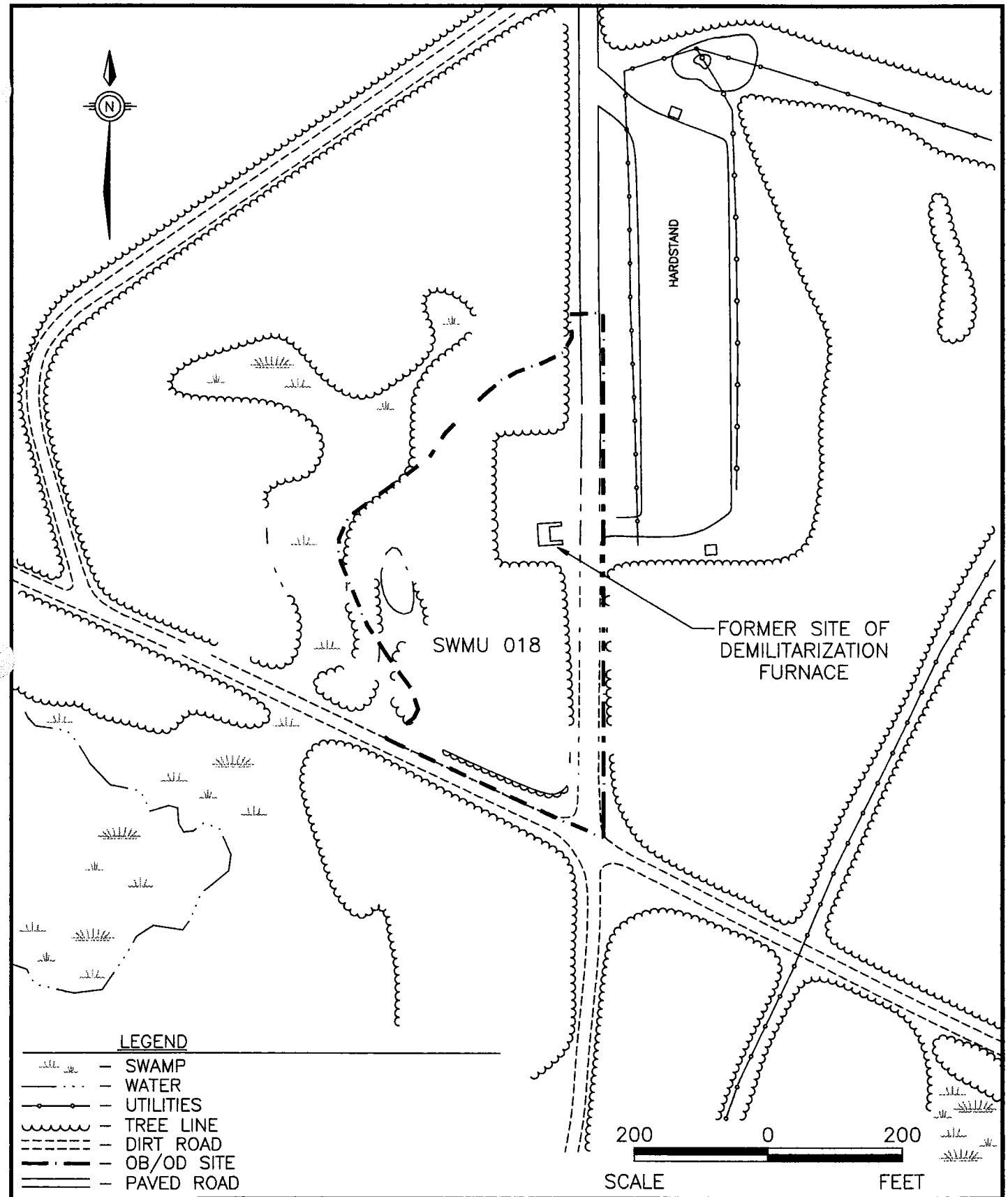
Hand-augered soil samples were collected from 22 biased locations and 12 unbiased locations. Twelve biased soil sampling locations (NWS\018SB007-018) were selected where OB/OD activities are known or thought to have occurred. The predominant wind direction was considered in locating these sample sites. Biased soil sampling locations also included the six monitoring well borings (NWS\018SB001-006) and the three additional background soil sampling locations (NWS\018SB020-022). Location NWS\018SB019 is a biased location and was added in the field to offset location NWS\018SB016, which had an obstruction in the second sampling interval at 1.5 feet below ground surface (bgs). A 20-foot grid was established across the site to facilitate the selection of 12 unbiased sampling locations. Grid intersections were sequentially numbered, and the 12 unbiased auger locations (NWS\018SG001-012) were selected using a random number generator. Soil sample locations are illustrated on Figure 2.1-0.

2.1.1 Methodology

Soil was sampled in accordance with Section 4.1.1 of the closure plan. Samples were collected at four depth intervals using stainless steel hand augers. The first interval is 0-6" bgs, the second interval is 1-3' bgs, the third interval is 3-5' bgs, and the fourth interval is 5-7' bgs. The last two digits of the sample identification label indicate the sample interval, and will be either 01, 02, 03, or 04.

2.1.2 Background Soil Sampling

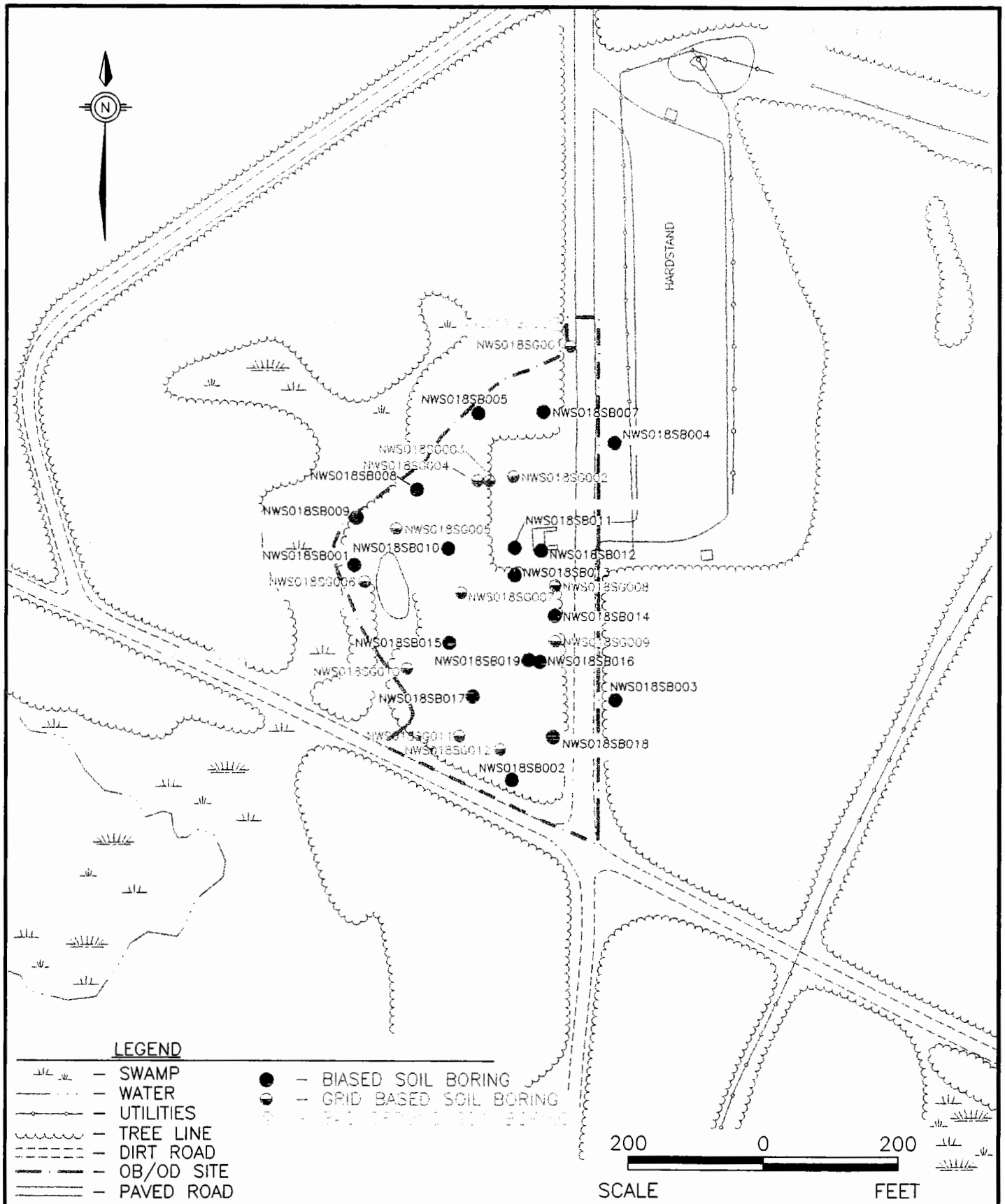
Background soil sampling was performed at four locations. Three additional background locations (NWS\018SB020-022) were sampled to supplement the one location proposed in the



SWMU 018
SOUTHSIDE OB/OD
CLOSURE
NAVAL WEAPONS STATION
CHARLESTON, SC

FIGURE 2.0
SWMU 018
GENERAL SITE MAP

DWG DATE: 03/25/97 | DWG NAME: 1150BOD3



SWMU 018
SOUTHSIDE OB/OD
CLOSURE
NAVAL WEAPONS STATION
CHARLESTON, SC

FIGURE 2.1-0
SOIL BORING LOCATIONS

DWG DATE: 03/25/97 | DWG NAME: 115OBD19

closure plan (NWS\018SB006). All background samples were collected from locations selected in consultation with representatives of SCDHEC. Evaluation of the background sample data set focuses specifically on inorganics for reasons that will be presented in Section 3.0. The background soil data set was segregated by depth interval. The results from each unique depth interval were compiled to calculate a "background concentration". The closure plan presented two methods of calculating background: the EPA Region IV "2 times" rule, or statistically by using Equation 6 found in SW-846, Chapter 9. Background values have been calculated for comparison using both methods. Tables 2-1 through 2-4 summarize the results. The soil background analytical data is found in Appendix A along with the entire set of soil data.

2.1.3 Summary of Soil Sampling Results

Data from both the biased and unbiased soil boring locations were compiled into one data set and summarized. Inorganic data were then compared to the background reference concentrations calculated using the methods described above. Site results were compared to background by depth interval to preliminarily determine any site activity-related impacts. Positive detections were reported for metals, organochlorine pesticides, volatile organic compounds, and semivolatile compounds. No explosive or propellant compounds were detected. Tables 2-5 through 2-8 summarize the inorganic data results. Tables 2-9 through 2-12 summarize the organic data results. Tables 2-5 through 2-12 are intended to provide a general overview of the data set and do not present data specific to individual sample points. A tabulated list of "hits" or chemicals present in site samples can be found in Appendix B. As a consequence, all figures referenced below were derived from the tabular data in Appendix B rather than the tables in the text.

Organic compounds were grouped for data presentation purposes according to type (i.e.; volatiles, semivolatiles, and herbicides/pesticides). Detections of compounds within each group were totalled and the value plotted by group for each location and interval. Figures 2.1-1 through 2.1-4 depict the sample locations for all organic compound detections.

Table 2-1
Naval Weapons Station SWMU #18 Soil
Surface Interval (0-6") Characteristics of Background Inorganic Data Sets

Parameter	Total Samples	Low Range (MG/KG)	High Range (MG/KG)	# of Samples Above Detection Limits	Mean (MG/KG)	Standard Deviation	Standard Error	Upper Confidence Limit (MG/KG)	2x Mean (MG/KG)
Aluminum (Al)	4	3590.00	7510.00	4	5210	1766.58	883.29	6656.83	10420
Antimony (Sb)	4	<0.34	<0.35	0	N/A	N/A	N/A	N/A	N/A
Arsenic (As)	4	1.70	4.50	4	3.05	1.25	0.63	4.09	6.1
Barium (Ba)	4	14.10	31.80	4	25.08	7.78	3.89	31.46	50.16
Beryllium (Be)	4	0.22	0.50	4	0.36	0.15	0.08	0.48	0.71
Cadmium (Cd)	4	N/A	0.11	1	N/A	N/A	N/A	.11*	N/A
Calcium (Ca)	4	324.00	382.00	4	343.5	26.30	13.15	365.04	687
Chromium (Cr)	4	3.50	12.30	4	7.50	3.75	1.88	10.69	15
Cobalt (Co)	4	0.44	1.20	4	0.76	0.32	0.16	1.02	1.51
Copper (Cu)	4	<1.4	6.50	1	N/A	N/A	N/A	6.5*	N/A
Iron (Fe)	4	2240.00	13900.00	4	7527.5	5202.86	2601.43	11788.65	15055
Lead (Pb)	4	9.20	16.60	4	14.28	3.42	1.71	17.09	28.56
Magnesium (Mg)	4	140.00	350.00	4	242.5	88.99	44.50	315.40	485
Manganese (Mn)	4	7.90	38.20	4	19.9	13.09	6.55	30.63	39.8
Nickel (Ni)	4	1.20	2.40	4	1.85	0.50	0.25	2.26	3.7
Potassium (K)	4	<224	<234	0	N/A	N/A	N/A	N/A	N/A

Table 2-1
Naval Weapons Station SWMU #18 Soil
Surface Interval (0-6") Characteristics of Background Inorganic Data Sets

Parameter	Total Samples	Low Range (MG/KG)	High Range (MG/KG)	# of Samples Above Detection Limits	Mean (MG/KG)	Standard Deviation	Standard Error	Upper Confidence Limit (MG/KG)	2x Mean (MG/KG)
Selenium (Se)	4	0.42	0.94	4	0.65	0.26	0.13	0.87	1.3
Silver (Ag)	4	<0.21	<0.22	0	N/A	N/A	N/A	N/A	N/A
Sodium (Na)	4	152.00	210.00	4	170.25	26.89	13.45	192.29	340.5
Thallium (Tl)	4	<0.39	0.54	1	N/A	N/A	N/A	.54*	N/A
Tin (Sn)	4	<0.86	<1.7	0	N/A	N/A	N/A	N/A	N/A
Vanadium (V)	4	5.90	23.50	4	13.78	7.56	3.78	19.98	27.56
Zinc (Zn)	4	6.60	11.50	4	8.78	2.06	1.03	10.47	17.56
Mercury (Hg)	4	<0.04	0.06	1	N/A	N/A	N/A	.06*	N/A

Notes:
* Indicates <50% but >10% of samples analyzed had detections. The highest detection result was used for UCL.
Where # of detections = 0 or 1, statistical values were not established.
t value = 1.638.
< (Less than) indicates that sample results were nondetect at the detection limit listed.

Table 2-2
Naval Weapons Station SWMU #18 Soil
Second Interval (1'-3') Characteristics of Background Inorganic Data Sets

Parameter	Total Samples	Low Range (MG/KG)	High Range (MG/KG)	# of Samples Above Detection Limits	Mean (MG/KG)	Standard Deviation	Standard Error	Upper Confidence Limit (MG/KG)	2x Mean (MG/KG)
Aluminum (Al)	4	1650.00	16400.00	4	8955	6362.69	3181.35	14166.06	17910
Antimony (Sb)	4	<0.34	<0.4	0	N/A	N/A	N/A	N/A	N/A
Arsenic (As)	4	0.94	9.30	4	4.74	3.48	1.74	7.60	9.48
Barium (Ba)	4	11.70	66.40	4	36.45	22.74	11.37	55.08	72.9
Beryllium (Be)	4	0.08	1.10	4	0.51	0.43	0.21	0.86	1.01
Cadmium (Cd)	4	<0.05	0.10	1	N/A	N/A	N/A	.10*	N/A
Calcium (Ca)	4	109.00	506.00	4	272.75	195.27	97.64	432.69	545.5
Chromium (Cr)	4	2.70	26.40	4	12.80	11.12	5.56	21.91	25.6
Cobalt (Co)	4	0.21	1.80	4	0.93	0.66	0.33	1.19	1.855
Copper (Cu)	4	<0.43	<1.1	0	N/A	N/A	N/A	N/A	N/A
Iron (Fe)	4	1380.00	26000.00	4	13487.5	12364.53	6182.27	23614.06	26975
Lead (Pb)	4	3.50	12.20	4	8.15	3.76	1.88	11.23	16.3
Magnesium (Mg)	4	83.50	1170.00	4	473.88	484.33	242.17	870.56	947.76
Manganese (Mn)	4	5.50	31.50	4	16.6	13.19	6.60	27.42	33.2
Nickel (Ni)	4	1.10	5.00	4	2.48	1.80	0.90	3.96	4.96
Potassium (K)	4	<225	446.00	1	N/A	N/A	N/A	446.00*	N/A

Table 2-2
Naval Weapons Station SWMU #18 Soil
Second Interval (1'-3') Characteristics of Background Inorganic Data Sets

Parameter	Total Samples	Low Range (MG/KG)	High Range (MG/KG)	# of Samples Above Detection Limits	Mean (MG/KG)	Standard Deviation	Standard Error	Upper Confidence Limit (MG/KG)	2x Mean (MG/KG)
Selenium (Se)	4	0.34	2.10	4	0.96	0.82	0.41	1.64	1.92
Silver (Ag)	4	<0.21	<0.26	0	N/A	N/A	N/A	N/A	N/A
Sodium (Na)	4	148.00	598.00	4	277.25	215.21	107.61	453.52	554.5
Thallium (Tl)	4	<0.38	0.57	1	N/A	N/A	N/A	.57*	N/A
Tin (Sn)	4	<0.86	<2.3	0	N/A	N/A	N/A	N/A	N/A
Vanadium (V)	4	3.80	39.50	4	21.15	17.51	8.76	35.50	42.3
Zinc (Zn)	4	3.60	16.00	4	7.6	5.80	2.90	12.36	15.2
Mercury (Hg)	4	<0.04	<0.04	0	N/A	N/A	N/A	N/A	N/A

Notes:
* Indicates <50% but >10% of samples analyzed had detections. The highest detection result was used for UCL.
Where # of detections = 0 or 1, statistical values were not established.
t value = 1.638.
< (Less than) indicates that sample results were nondetect at the detection limit listed.

Table 2-3
Naval Weapons Station SWMU #18 Soil
Third Interval (3'-5') Characteristics of Background Inorganic Data Sets

Parameter	Total Samples	Low Range (MG/KG)	High Range (MG/KG)	# of Samples Above Detection Limits	Mean (MG/KG)	Standard Deviation	Standard Error	Upper Confidence Limit (MG/KG)	2x Mean (MG/KG)
Aluminum (Al)	4	4250.00	10900.00	4	8062.50	3238.67	1619.33	10714.97	16125
Antimony (Sb)	4	<0.33	<0.38	0	N/A	N/A	N/A	N/A	N/A
Arsenic (As)	4	3.80	5.90	4	4.53	0.94	0.47	5.29	9.05
Barium (Ba)	4	10.60	30.00	4	18.43	8.49	4.25	25.38	36.85
Beryllium (Be)	4	0.18	0.31	4	0.24	0.06	0.03	0.28	0.47
Cadmium (Cd)	4	<0.04	<0.05	0	N/A	N/A	N/A	N/A	N/A
Calcium (Ca)	4	89.50	1010.00	4	503.63	380.16	190.08	814.98	1007.25
Chromium (Cr)	4	5.50	16.40	4	11.53	5.08	2.54	15.69	23.05
Cobalt (Co)	4	0.48	1.40	4	1.02	0.39	0.19	1.34	2.04
Copper (Cu)	4	<0.46	<1.2	0	N/A	N/A	N/A	N/A	N/A
Iron (Fe)	4	6720.00	13700.00	4	10230.00	3055.42	1527.71	12732.39	20460
Lead (Pb)	4	5.90	8.20	4	6.80	1.05	0.52	7.66	13.6
Magnesium (Mg)	4	228.00	1050.00	4	660.00	395.24	197.62	983.70	1320
Manganese (Mn)	4	2.40	14.80	4	10.20	5.39	2.70	14.62	20.4

Table 2-3
Naval Weapons Station SWMU #18 Soil
Third Interval (3'-5') Characteristics of Background Inorganic Data Sets

Parameter	Total Samples	Low Range (MG/KG)	High Range (MG/KG)	# of Samples Above Detection Limits	Mean (MG/KG)	Standard Deviation	Standard Error	Upper Confidence Limit (MG/KG)	2x Mean (MG/KG)
Nickel (Ni)	4	0.32	3.10	4	1.86	1.17	0.59	2.82	3.71
Potassium (K)	4	111.50	389.00	2	232.00	138.11	69.06	345.12	464
Selenium (Se)	4	0.17	0.87	3	0.55	0.29	0.14	0.79	1.1
Silver (Ag)	4	<0.21	<0.24	0	N/A	N/A	N/A	N/A	N/A
Sodium (Na)	4	172.00	618.00	4	306.75	208.66	104.33	477.64	613.5
Thallium (Tl)	4	<0.38	<0.44	0	N/A	N/A	N/A	N/A	N/A
Tin (Sn)	4	<0.71	<1.7	0	N/A	N/A	N/A	N/A	N/A
Vanadium (V)	4	16.10	25.90	4	19.48	4.49	2.24	23.15	38.95
Zinc (Zn)	4	1.90	16.10	3	8.38	5.84	2.92	13.16	16.75
Mercury (Hg)	4	0.04	0.04	0	N/A	N/A	N/A	N/A	N/A

Notes:
Where # of detections =0 or 1, statistical values were not established.
t value = 1.638.
< (Less than) indicates that sample results were nondetect at the detection limit listed.

Table 2-4
Naval Weapons Station SWMU #18 Soil
Fourth Interval (5'-7') Characteristics of Background Inorganic Data Sets

Parameter	Total Samples	Low Range (MG/KG)	High Range (MG/KG)	# of Samples Above Detection Limits	Mean (MG/KG)	Standard Deviation	Standard Error	Upper Confidence Limit (MG/KG)	2x Mean (MG/KG)
Aluminum (Al)	3	4830.00	15600.00	3	8990.00	5787.93	5190.53	18779.34	17980.00
Antimony (Sb)	3	<0.33	<0.37	0	N/A	N/A	N/A	N/A	N/A
Arsenic (As)	3	1.80	3.60	3	2.53	0.94	1.46	5.29	5.07
Barium (Ba)	3	15.60	26.20	3	20.70	5.31	11.95	43.24	41.40
Beryllium (Be)	3	0.21	0.33	3	0.28	0.06	0.04	0.35	0.57
Cadmium (Cd)	3	<0.05	0.08	1	N/A	N/A	N/A	0.08*	N/A
Calcium (Ca)	3	109.00	718.00	3	499.33	338.85	288.30	1043.06	998.67
Chromium (Cr)	3	4.20	21.30	3	10.50	9.40	6.06	21.93	21.00
Cobalt (Co)	3	1.10	1.70	3	1.43	0.31	0.83	2.99	2.87
Copper (Cu)	3	<0.45	<1.2	0	N/A	N/A	N/A	N/A	N/A
Iron (Fe)	3	2570.00	16000.00	3	7330.00	7520.46	4232.10	15311.74	14660.00
Lead (Pb)	3	4.60	11.00	3	8.17	3.26	4.72	17.06	16.33
Magnesium (Mg)	3	333.00	1460.00	3	739.00	626.06	426.67	1543.71	1478.00
Manganese (Mn)	3	6.30	24.20	3	12.40	10.22	7.16	25.90	24.80
Nickel (Ni)	3	1.30	3.20	3	1.93	1.10	1.12	4.04	3.87
Potassium (K)	3	<220	<523	1	N/A	N/A	N/A	523*	N/A

Table 2-4
Naval Weapons Station SWMU #18 Soil
Fourth Interval (5'-7') Characteristics of Background Inorganic Data Sets

Parameter	Total Samples	Low Range (MG/KG)	High Range (MG/KG)	# of Samples Above Detection Limits	Mean (MG/KG)	Standard Deviation	Standard Error	Upper Confidence Limit (MG/KG)	2x Mean (MG/KG)
Selenium (Se)	3	<0.33	<0.57	1	N/A	N/A	N/A	.57*	N/A
Silver (Ag)	3	<0.21	<0.23	0	N/A	N/A	N/A	N/A	N/A
Sodium (Na)	3	204.00	265.00	3	235.00	30.51	135.68	490.89	470.00
Thallium (Tl)	3	<0.37	<0.42	0	N/A	N/A	N/A	N/A	N/A
Tin (Sn)	3	<0.81	<1.8	0	8062.50	N/A	4655.02	N/A	N/A
Vanadium (V)	3	7.40	26.40	3	14.17	10.61	8.18	29.59	28.33
Zinc (Zn)	3	7.30	15.40	3	10.37	4.39	5.99	20.17	20.73
Mercury (Hg)	3	0.04	0.04	0	N/A	N/A	N/A	N/A	N/A

Notes:
* Indicates <50% but >10% of samples analyzed had detections. The highest detection result was used for UCL.
Where # of detections = 0 or 1, statistical values were not established.
t value = 1.886
< (Less than) indicates that sample results were nondetect at the detection limit listed.

Table 2-5
Naval Weapons Station SWMU #18 Soil
Surface Interval (0-6") Soil Samples Compared to Characteristics of Background Inorganic Data Sets

Parameter	Total Samples	Low Range (MG/KG)	High Range (MG/KG)	# of Samples Above Detection Limits	Upper Confidence Limit (MG/KG)	2x Mean (MG/KG)	# of Samples Above 2x Mean	# of Samples Above UCL
Aluminum (Al)	30	2430.00	11200.00	30	6656.83	10420	1	7
Antimony (Sb)	30	0.31	2.00	6	N/A	N/A	0	0
Arsenic (As)	30	1.70	10.40	30	4.09	6.1	4	6
Barium (Ba)	30	24.00	393.00	26	31.46	50.16	21	23
Beryllium (Be)	30	0.22	0.73	20	0.48	0.71	1	2
Cadmium (Cd)	30	0.11	8.00	25	0.11	N/A	0	25
Calcium (Ca)	30	248.00	28800.00	26	365.04	687	7	26
Chromium (Cr)	30	4.50	23.80	30	10.69	15	2	9
Cobalt (Co)	30	0.66	2.40	21	1.02	1.51	3	9
Copper (Cu)	30	4.00	4840.00	30	6.50	N/A	0	27
Iron (Fe)	30	3990.00	23600.00	30	11788.65	15055	4	8
Lead (Pb)	30	8.20	257.00	30	17.09	28.56	23	26
Magnesium (Mg)	30	157.00	1630.00	30	315.40	485	6	20
Manganese (Mn)	30	13.00	207.00	30	30.63	39.8	17	16
Mercury (Hg)	30	1.40	13.70	29	0.60	N/A	6	15
Nickel (Ni)	30	227.00	691.00	5	2.26	3.7	0	0

Table 2-5
Naval Weapons Station SWMU #18 Soil
Surface Interval (0-6") Soil Samples Compared to Characteristics of Background Inorganic Data Sets

Parameter	Total Samples	Low Range (MG/KG)	High Range (MG/KG)	# of Samples Above Detection Limits	Upper Confidence Limit (MG/KG)	2x Mean (MG/KG)	# of Samples Above 2x Mean	# of Samples Above UCL
Potassium (K)	30	0.31	1.30	5	N/A	N/A	1	2
Selenium (Se)	30	0.31	1.40	6	0.87	1.3	0	0
Silver (Ag)	30	124.00	3070.00	25	N/A	N/A	1	1
Sodium (Na)	30	0.40	0.52	3	192.29	340.5	0	0
Thallium (Tl)	30	10.90	N/A	1	0.54	N/A	0	0
Tin (Sn)	30	4.60	38.40	30	N/A	N/A	5	5
Vanadium (V)	30	15.60	1220.00	30	19.98	27.56	30	30
Zinc (Zn)	30	0.03	1.10	13	10.47	17.56	0	6

Notes:
N/A indicates statistical values were not established.

Table 2-6
Naval Weapons Station SWMU #18 Soil
Second Interval (1'-3') Soil Samples Compared to Characteristics of Background Inorganic Data Sets

Parameter	Total Samples	Low Range (MG/KG)	High Range (MG/KG)	# of Samples Above Detection Limits	Upper Confidence Limit (MG/KG)	2x Mean (MG/KG)	# of Samples Above 2x Mean	# of Samples Above UCL
Aluminum (Al)	29	3590.00	10900.00	29	14166.06	17910.00	0	0
Antimony (Sb)	29	<0.3	<1.5	0	N/A	N/A	0	0
Arsenic (As)	29	1.90	11.40	29	7.6	9.48	1	1
Barium (Ba)	29	10.30	2810.00	25	55.08	72.90	5	5
Beryllium (Be)	29	0.13	0.75	20	0.86	1.01	0	0
Cadmium (Cd)	29	0.05	0.89	21	0.1	N/A	0	11
Calcium (Ca)	29	179.00	3430.00	26	432.69	545.50	14	18
Chromium (Cr)	29	3.60	17.50	29	21.91	25.60	0	0
Cobalt (Co)	29	0.29	1.40	23	1.19	1.86	0	0
Copper (Cu)	29	1.10	38.20	21	N/A	N/A	0	0
Iron (Fe)	29	3420.00	21000.00	29	23614.06	26975.00	0	0
Lead (Pb)	29	4.70	71.30	29	11.23	16.30	4	5
Magnesium (Mg)	29	199.00	2580.00	29	870.56	947.76	2	4
Manganese (Mn)	29	5.50	46.40	29	27.42	33.20	1	2
Mercury (Hg)	29	1.00	3.60	27	N/A	N/A	0	0
Nickel (Ni)	29	215.00	437.00	12	3.96	4.96	0	0

Table 2-6
Naval Weapons Station SWMU #18 Soil
Second Interval (1'-3') Soil Samples Compared to Characteristics of Background Inorganic Data Sets

Parameter	Total Samples	Low Range (MG/KG)	High Range (MG/KG)	# of Samples Above Detection Limits	Upper Confidence Limit (MG/KG)	2x Mean (MG/KG)	# of Samples Above 2x Mean	# of Samples Above UCL
Potassium (K)	29	0.35	0.83	10	446	N/A	0	0
Selenium (Se)	29	<0.19	<0.34	0	1.64	1.92	0	0
Silver (Ag)	29	135.00	293.00	24	N/A	N/A	0	0
Sodium (Na)	29	0.42	0.64	5	453.52	554.50	0	1
Thallium (Tl)	29	<0.71	24.50	1	0.57	N/A	0	0
Tin (Sn)	29	5.20	35.40	29	N/A	N/A	0	0
Vanadium (V)	29	4.70	276.00	24	35.50	42.30	12	17
Zinc (Zn)	29	0.04	0.18	9	12.36	15.20	0	0

Notes:
N/A indicates statistical values were not established.
< (Less than) indicates that sample results were nondetect at the detection limit listed.

Table 2-7
Naval Weapons Station SWMU #18 Soil
Third Interval (3'-5') Soil Samples Compared to Characteristics of Background Inorganic Data Sets

Parameter	Total Samples	Low Range (MG/KG)	High Range (MG/KG)	# of Samples Above Detection Limits	Upper Confidence Limit (MG/KG)	2x Mean (MG/KG)	# of Samples Above 2x Mean	# of Samples Above UCL
Aluminum (Al)	28	4340.00	13900.00	28	10714.97	16125	0	0
Antimony (Sb)	28	<0.31	<0.43	0	N/A	N/A	0	0
Arsenic (As)	28	1.30	18.7	28	5.29	9.05	4	12
Barium (Ba)	28	10.40	318.00	24	25.38	36.85	4	6
Beryllium (Be)	28	0.12	1.5	19	0.28	N/A	3	5
Cadmium (Cd)	28	0.05	0.22	17	N/A	N/A	0	0
Calcium (Ca)	28	137.00	1970.00	25	814.98	1007.25	8	9
Chromium (Cr)	28	5.20	21.40	28	15.69	23.05	0	5
Cobalt (Co)	28	0.31	1.60	20	1.34	2.04	0	7
Copper (Cu)	28	1.10	138.00	19	N/A	N/A	0	0
Iron (Fe)	28	5010.00	23800.00	28	12732.39	20460	5	10
Lead (Pb)	28	3.70	53.30	28	7.66	13.6	2	11
Magnesium (Mg)	28	215.00	1370.00	28	983.70	1320	1	2
Manganese (Mn)	28	5.10	59.90	28	14.62	20.4	9	16
Mercury (Hg)	28	0.77	5.10	22	N/A	N/A	0	0
Nickel (Ni)	28	213.00	573.00	16	2.82	3.71	2	8

Table 2-7
Naval Weapons Station SWMU #18 Soil
Third Interval (3'-5') Soil Samples Compared to Characteristics of Background Inorganic Data Sets

Parameter	Total Samples	Low Range (MG/KG)	High Range (MG/KG)	# of Samples Above Detection Limits	Upper Confidence Limit (MG/KG)	2x Mean (MG/KG)	# of Samples Above 2x Mean	# of Samples Above UCL
Potassium (K)	28	0.34	1.00	6	345.12	464	0	1
Selenium (Se)	28	<0.19	<0.23	0	0.79	1.1	0	0
Silver (Ag)	28	144.00	338.00	23	N/A	N/A	0	0
Sodium (Na)	28	0.39	0.89	2	477.64	613.5	0	0
Thallium (Tl)	28	<0.69	<3.6	0	N/A	N/A	0	0
Tin (Sn)	28	7.10	52.20	28	N/A	N/A	0	0
Vanadium (V)	28	5.80	40.10	24	23.15	38.95	3	9
Zinc (Zn)	28	<0.03	<0.04	0	13.16	16.75	0	0

Notes:
N/A indicates statistical values were not established.
< (Less than) indicates that sample results were nondetect at the detection limit listed.

Table 2-8
Naval Weapons Station SWMU #18 Soil
Fourth Interval (5'-7') Soil Samples Compared to Characteristics of Background Inorganic Data Sets

Parameter	Total Samples	Low Range (MG/KG)	High Range (MG/KG)	# of Samples Above Detection Limits	Upper Confidence Limit (MG/KG)	2x Mean (MG/KG)	# of Samples Above 2x Mean	# of Samples Above UCL
Aluminum (Al)	25	2480.00	9580.00	25	18779.34	17980	0	0
Antimony (Sb)	25	<0.31	0.9200	1	N/A	N/A	0	0
Arsenic (As)	25	1.40	7.70	25	5.29	5.07	5	5
Barium (Ba)	25	9.90	267.00	22	43.24	41.4	3	3
Beryllium (Be)	25	0.13	0.62	17	0.35	0.57	1	2
Cadmium (Cd)	25	0.05	0.38	10	0.08	N/A	0	3
Calcium (Ca)	25	132.00	1660.00	24	1043.06	998.67	4	4
Chromium (Cr)	25	3.60	20.70	25	21.93	21	0	0
Cobalt (Co)	25	0.24	3.70	18	2.99	2.87	1	1
Copper (Cu)	25	0.50	56.80	14	N/A	N/A	0	0
Iron (Fe)	25	3910.00	15900.00	25	15311.74	14660	1	1
Lead (Pb)	25	4.10	101.00	25	17.06	16.33	1	1
Magnesium (Mg)	25	197.00	1200.00	25	1543.71	1478	0	0
Manganese (Mn)	25	4.10	29.10	25	25.90	24.8	1	1
Mercury (Hg)	25	0.71	3.30	17	N/A	N/A	0	0
Nickel (Ni)	25	213.00	461.00	5	4.04	3.87	0	0

Table 2-8
Naval Weapons Station SWMU #18 Soil
Fourth Interval (5'-7') Soil Samples Compared to Characteristics of Background Inorganic Data Sets

Parameter	Total Samples	Low Range (MG/KG)	High Range (MG/KG)	# of Samples Above Detection Limits	Upper Confidence Limit (MG/KG)	2x Mean (MG/KG)	# of Samples Above 2x Mean	# of Samples Above UCL
Potassium (K)	25	0.39	0.60	3	523	N/A	0	1
Selenium (Se)	25	<0.2	<0.38	0	0.57	N/A	0	0
Silver (Ag)	25	129.00	344.00	22	N/A	N/A	0	0
Sodium (Na)	25	0.53	0.74	2	490.86	470.00	0	0
Thallium (Tl)	25	<0.59	4.50	1	N/A	N/A	0	0
Tin (Sn)	25	7.90	25.90	25	N/A	N/A	0	0
Vanadium (V)	25	2.10	138.00	21	29.59	28.33	4	4
Zinc (Zn)	25	<0.03	<0.04	0	20.17	20.73	0	0

Notes:
N/A indicates statistical values were not established.
< (Less than) indicates that sample results were nondetect at the detection limit listed.

Table 2-9
Naval Weapons Station SWMU #18 Soil
First Interval (0-6") Soil Samples Organic Data Sets

Parameter	Total Samples	Low Range (UG/KG)	High Range (UG/KG)	# of Samples Above Detection Limits
4,4'-DDE	30	2.90	15.00	4
4,4'-DDT	30	3.60	170.00	6
Di-n-butylphthalate	30	46.00	940.00	6
Diphenylamine	30		59.00	1
Endrin	30	3.60	5.80	2
Heptachlor	30	1.50	4.00	3
Pentachlorophenol	30		42.00	1
Pyrene	30	65.00	360.00	4
Toxaphene	30		1600.00	1
alpha-Chlordane	30		3.60	1
beta-BHC	30		3.20	1
delta-BHC	30		1.80	1
gamma-Chlordane	30		1.40	1

Table 2-10
Naval Weapons Station SWMU #18 Soil
Second Interval (1'-3') Soil Samples Organic Data Sets

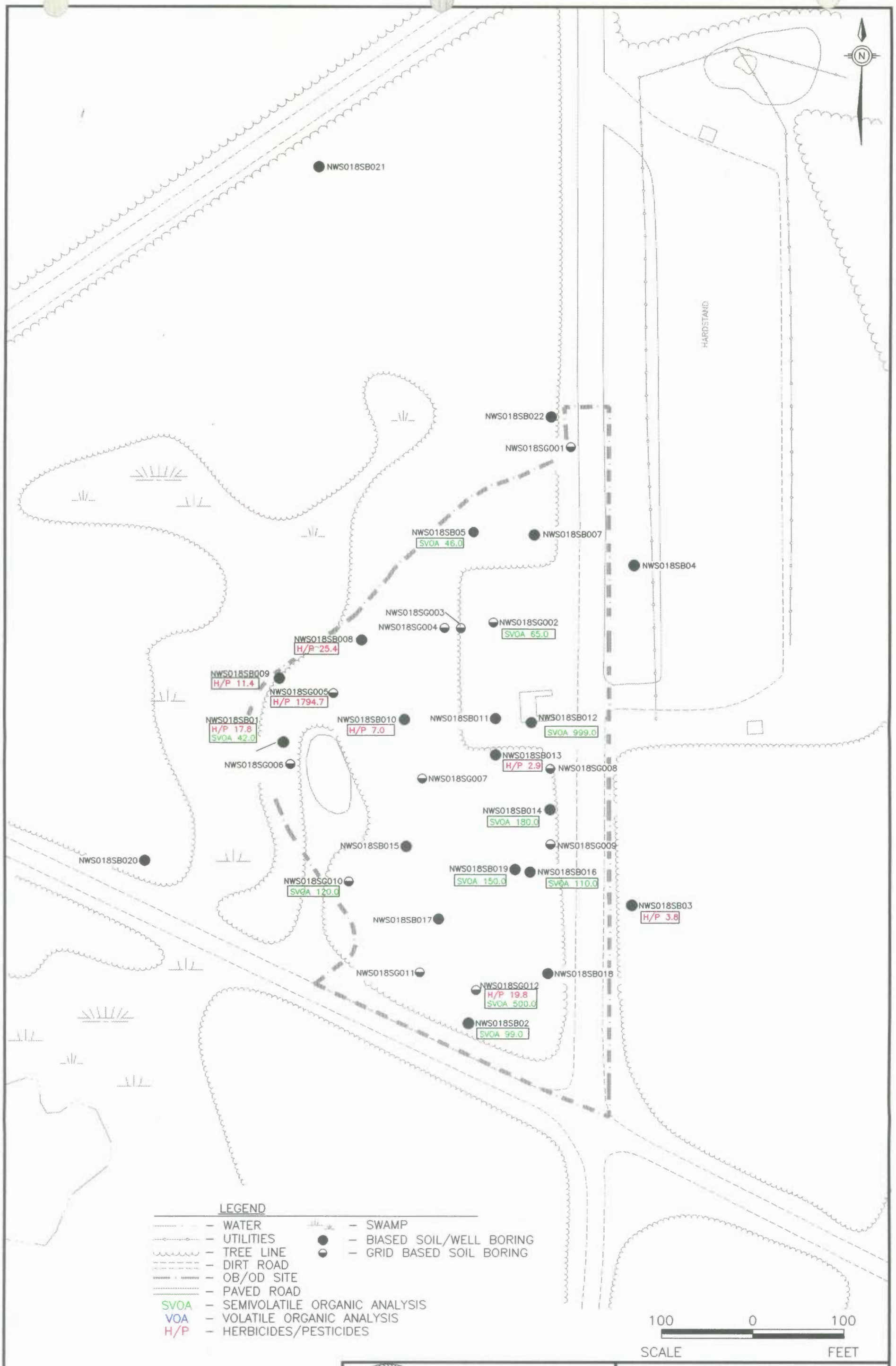
Parameter	Total Samples	Low Range (UG/KG)	High Range (UG/KG)	# of Samples Above Detection Limits
4,4'-DDT	29	4.90	9.50	2
Benzene	29		2.00	1
Chlorobenzene	29		1.00	1
Di-n-butylphthalate	29	43.00	67.00	2
Heptachlor	29	1.50	2.00	3
Heptachlor epoxide	29		4.00	1
Methylene chloride	29		1.00	1
Toluene	29	1.00	5.00	3
Trichloroethene	29		2.00	1

Table 2-11
Naval Weapons Station SWMU #18 Soil
Third Interval (3'-5') Soil Samples Organic Data Sets

Parameter	Total Samples	Low Range (UG/KG)	High Range (UG/KG)	# of Samples Above Detection Limits
4,4'-DDT	29	8.00	19.00	2
Di-n-butylphthalate	29		50.00	1
Heptachlor	29	1.60	1.70	2
Methylene chloride	29	2.00	3.00	2

Table 2-12
Naval Weapons Station SWMU #18 Soil
Fourth Interval (5'-7') Soil Samples Organic Data Sets

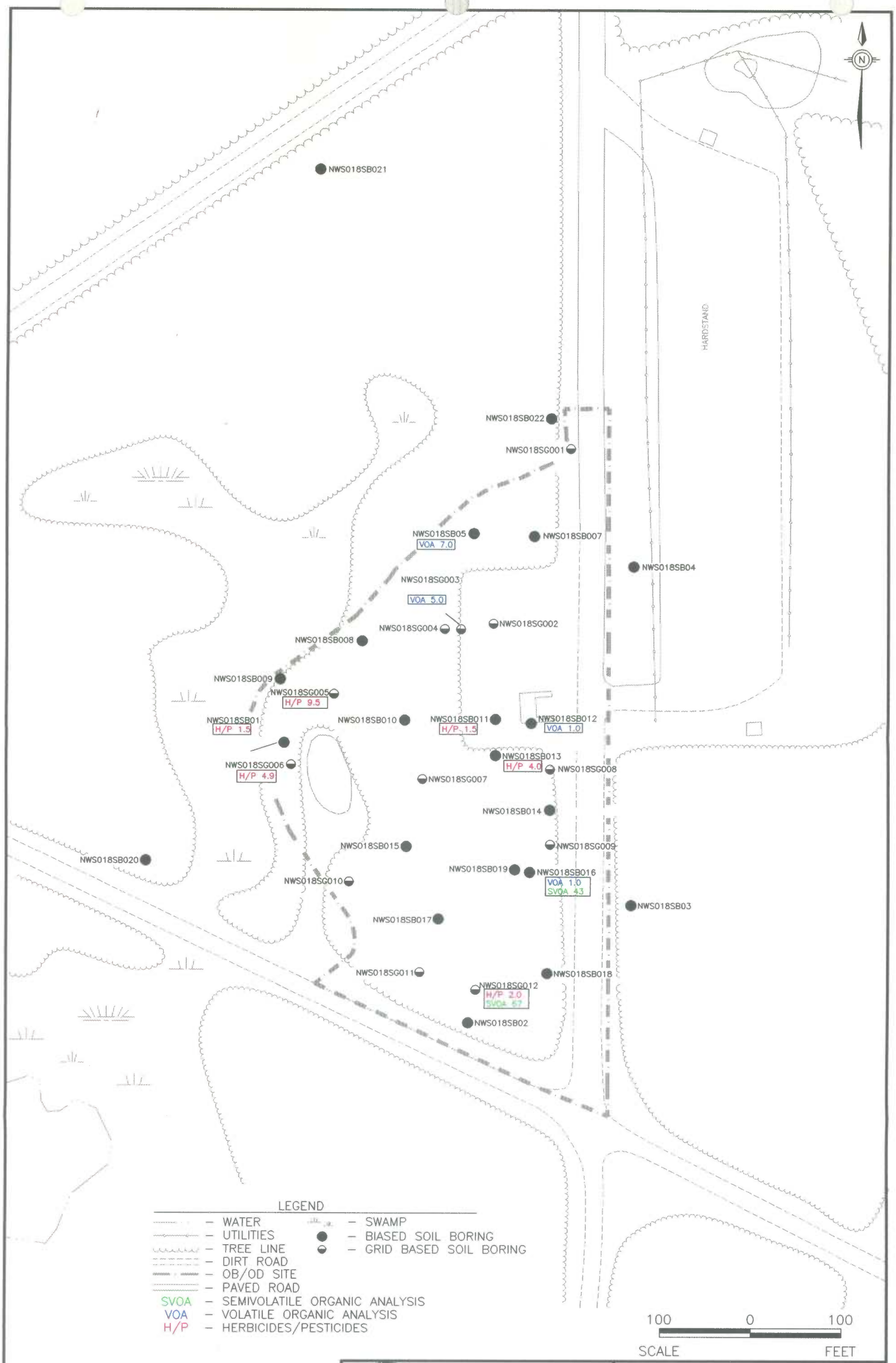
Parameter	Total Samples	Low Range (UG/KG)	High Range (UG/KG)	# of Samples Above Detection Limits
4,4'-DDD	28		22.00	1
4,4'-DDE	28		34.00	1
4,4'-DDT	28	15.00	490.00	2
Di-n-butylphthalate	28	38.00	37.00	2
Endosulfan II	28		45.00	1
Endrin aldehyde	28		54.00	1
Heptachlor	28		1.90	1
Methylene chloride	28	1.00	12.00	4
alpha-Chlordane	28		7.60	1
beta-BHC	28		9.30	1
Toxaphene	28		4300.00	1



SWMU 018
SOUTHSIDE OB/OD
CLOSURE
NAVAL WEAPONS STATION
CHARLESTON, SC

2.1-1
MAXIMUM TOTAL ORGANICS
DETECTED IN SOIL (UG/KG)
0-6 INCHES BGS

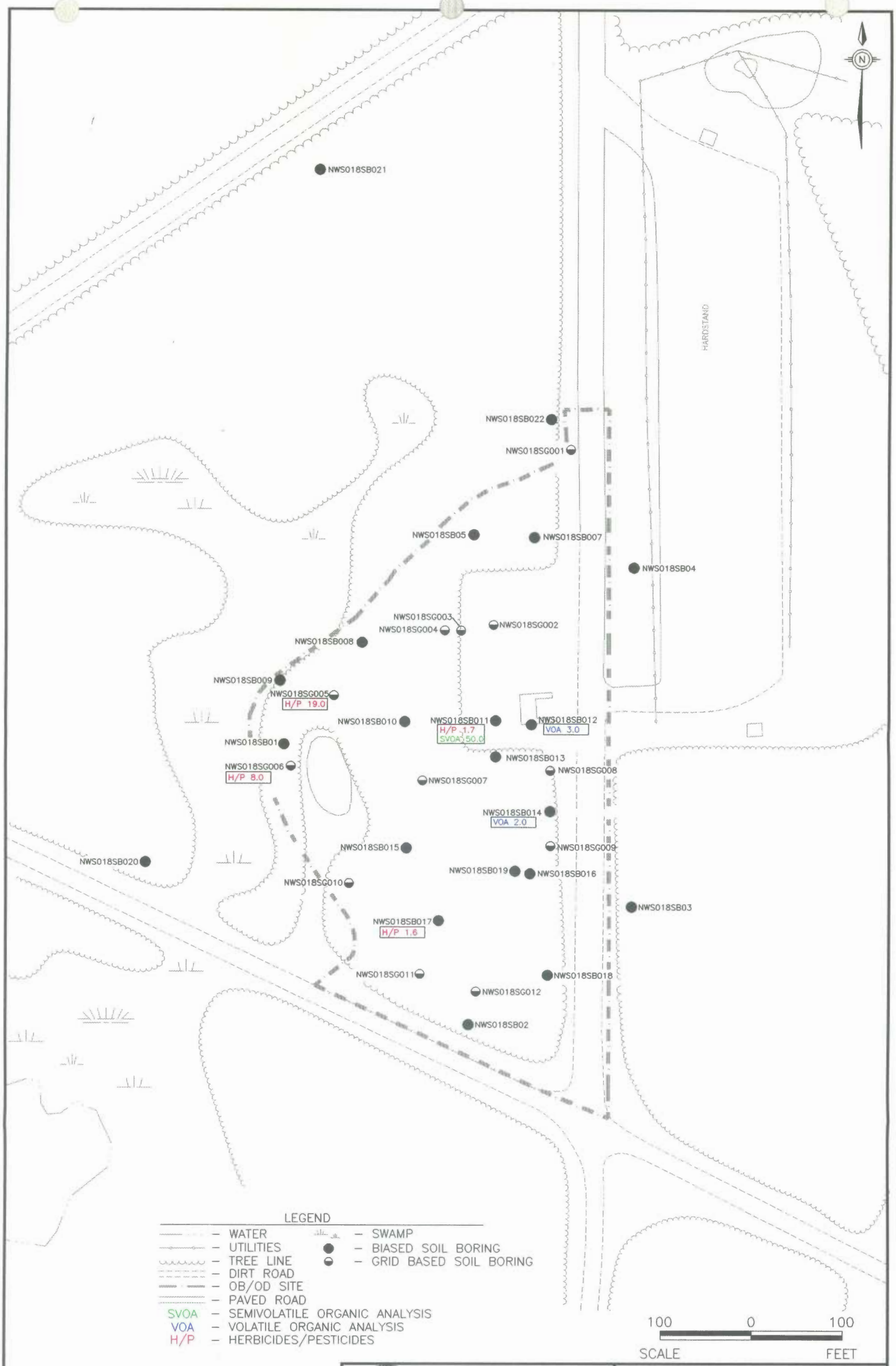
DWG DATE: 03/25/97 | DWG NAME: 115OBD14



SWMU 018
SOUTHSIDE OB/OD
CLOSURE
NAVAL WEAPONS STATION
CHARLESTON, SC

FIGURE 2.1–2
MAXIMUM TOTAL ORGANICS
DETECTED IN SOIL (UG/KG)
1–3 FEET BGS

DWG DATE: 03/25/97 | DWG NAME: 1150BD15



SWMU 018
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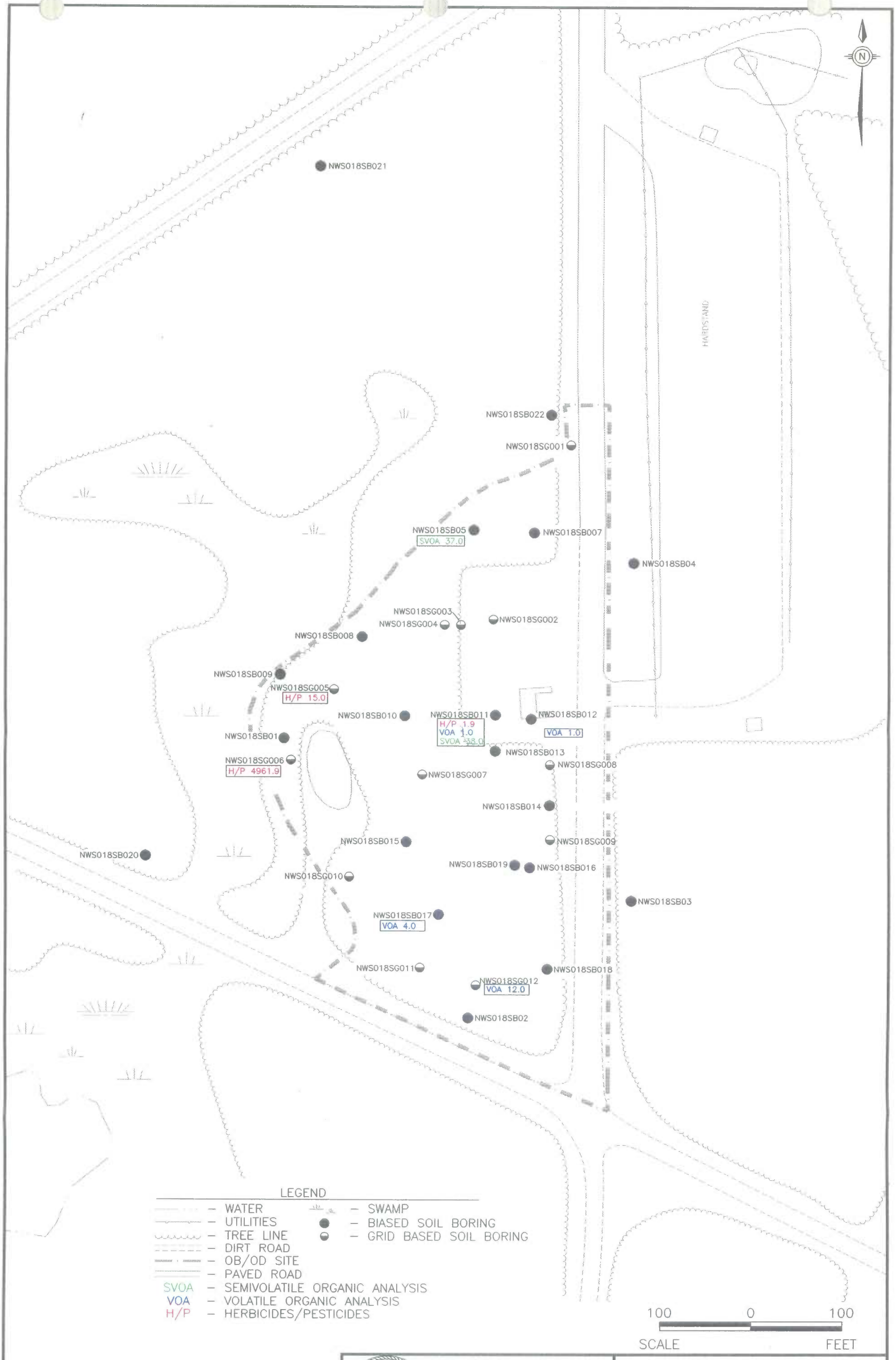
NAVAL WEAPONS STATION
CHARLESTON, SC

FIGURE 2.1-3
MAXIMUM TOTAL ORGANICS
DETECTED IN SOIL (UG/KG)
3-5 FEET BGS

DWG DATE: 03/25/97 | DWG NAME: 1150BD16



SWMU 018
SOUTHSIDE OB/OD
CLOSURE
NAVAL WEAPONS STATION
CHARLESTON, SC

FIGURE 2.1-4
MAXIMUM TOTAL ORGANICS
DETECTED IN SOIL (UG/KG)
5-7 FEET BGS

DWG DATE: 03/25/97 | DWG NAME: 115OBD17

Widespread inorganics contamination is implied based on the data evaluation methods outlined in the closure plan. Figures 2.1-5 through 2.1-8 depict where the eight metals listed in 40 CFR 261.24 exceeded their respective 2 times the background values. Selection of the eight metals for mapping purposes has no significance other than providing the reader a visualization of the spatial distribution of the ubiquity of inferred "contamination." Most notable is the widespread occurrence of barium and lead.

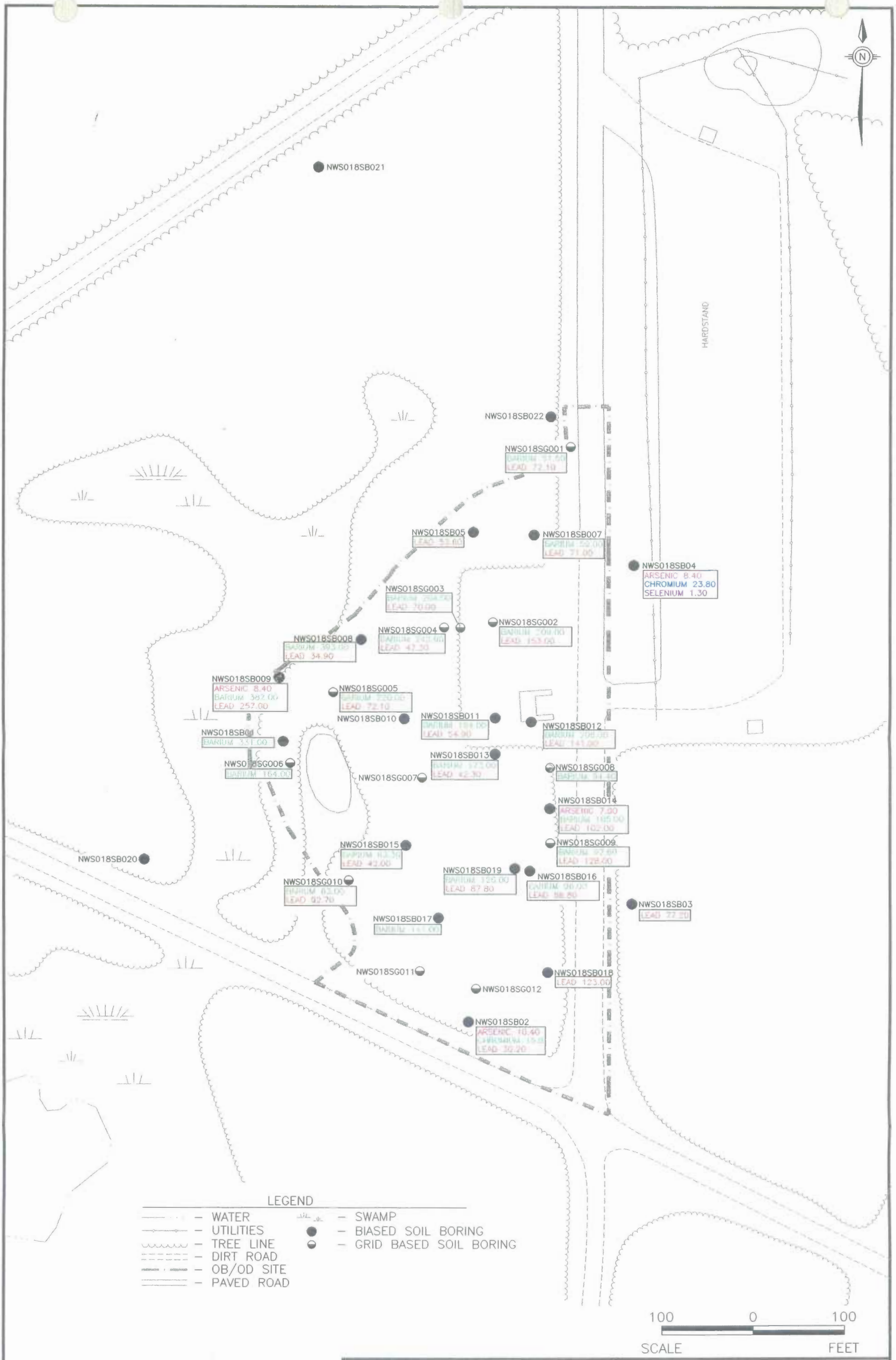
2.2 Sediment and Surface Water Sampling

Eleven sediment samples and two surface water samples were collected. Four sediment samples were collected from the marsh boundary area along the western edge of the site. Marsh sediment locations are identified as NWS\018M0001 through NWS\018M0004. Sediment samples were also collected from seven detonation pits. Dimensions of the pits ranged from approximately three to eight feet in diameter and from two to three feet in depth. Detonation pit locations are identified as NWS\018DET001 through NWS\018DET007. Only detonation pits 001 and 007 contained water. Sampling locations are presented in Figure 2.2-0.

2.2.1 Methodology

Sediment/soil and surface water samples were obtained in accordance with Sections 4.1.1 and 4.3 of the closure plan respectively.

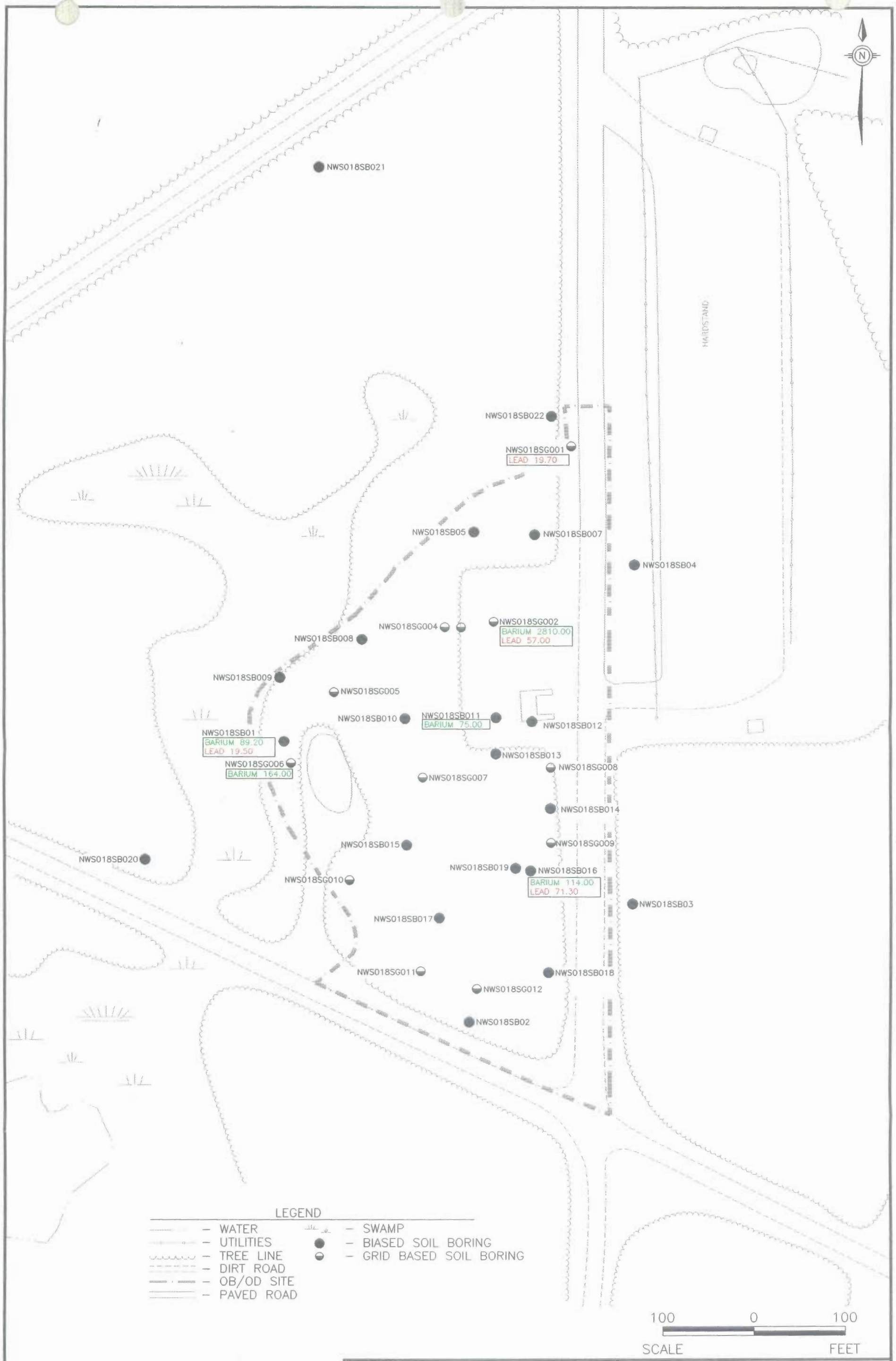
Surface water samples were collected from detonation pits 001 and 007, and are identified as NWS\018WD00101 and NWS\018WD00701. The last two digits of the sample identification label indicate the sampling event. Only one sampling event was performed for surface water; therefore, the last two digits are 01. Sediment samples from the detonation pits are identified as NWS\018MD00101 through NWS\018MD00701. The last two digits of the sample identification label indicate the sampling interval surface sediment. Samples are considered as the first interval; therefore, the last two digits for all sediment sample are 01.



SWMU 018
SOUTHSIDE OB/OD
CLOSURE
NAVAL WEAPONS STATION
CHARLESTON, SC

FIGURE 2.1-5
MAXIMUM TOTAL RCRA METALS ABOVE
BACKGROUND DETECTED
IN SOIL (MG/KG)
DEPTH 0-6 INCHES BGS

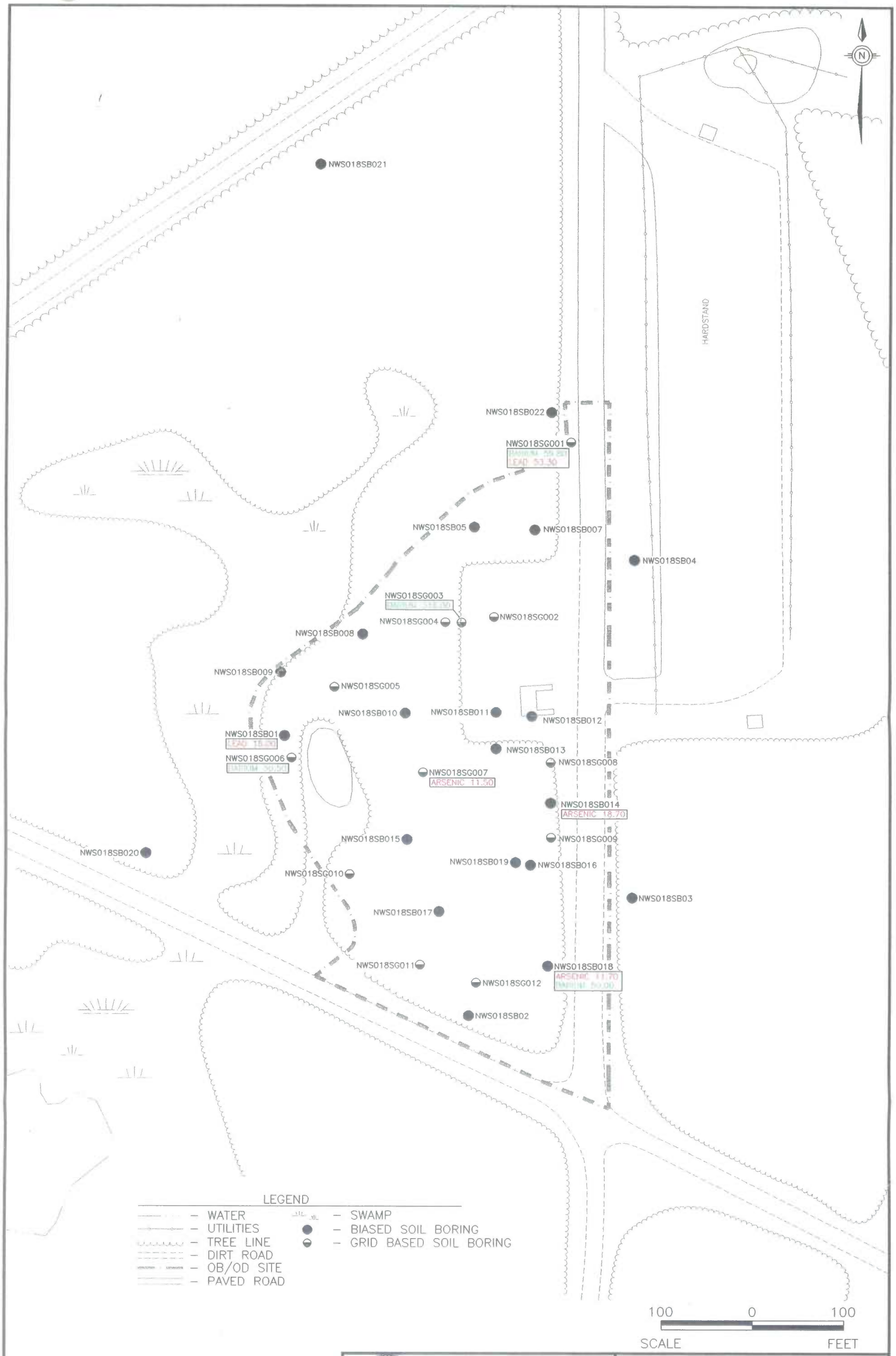
DWG DATE: 03/25/97 | DWG NAME: 1150BD13



SWMU 018
SOUTHSIDE OB/OD
CLOSURE
NAVAL WEAPONS STATION
CHARLESTON, SC

FIGURE 2.1-6
MAXIMUM TOTAL RCRA METALS ABOVE
BACKGROUND DETECTED
IN SOIL (MG/KG)
DEPTH 1-3 FEET BGS

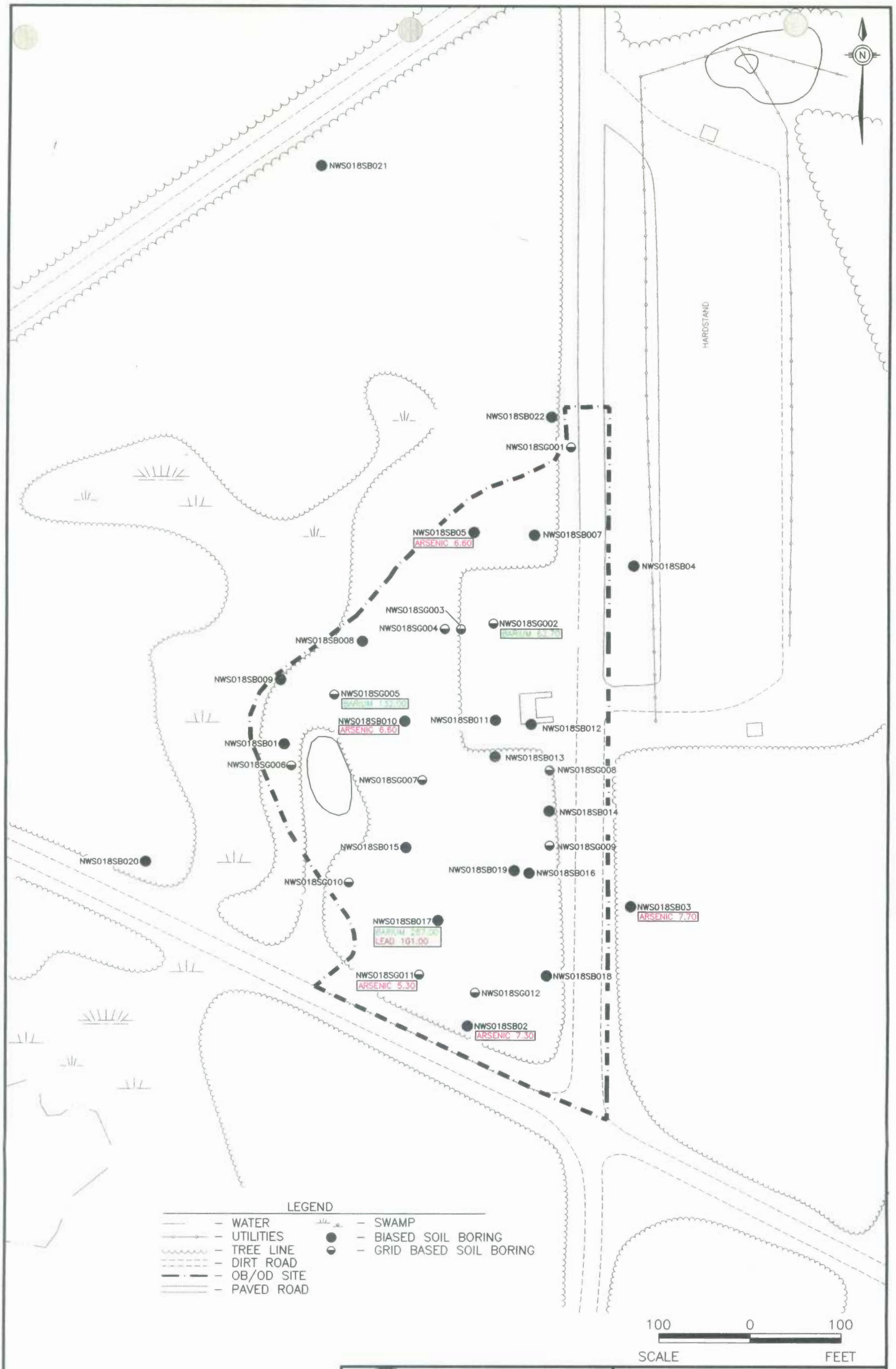
DWG DATE: 03/25/97 | DWG NAME: 115OBD12



SWMU 018
SOUTHSIDE OB/OD
CLOSURE
NAVAL WEAPONS STATION
CHARLESTON, SC

FIGURE 2.1–7
MAXIMUM TOTAL RCRA METALS ABOVE
BACKGROUND DETECTED
IN SOIL (MG/KG)
DEPTH 3–5 FT BGS

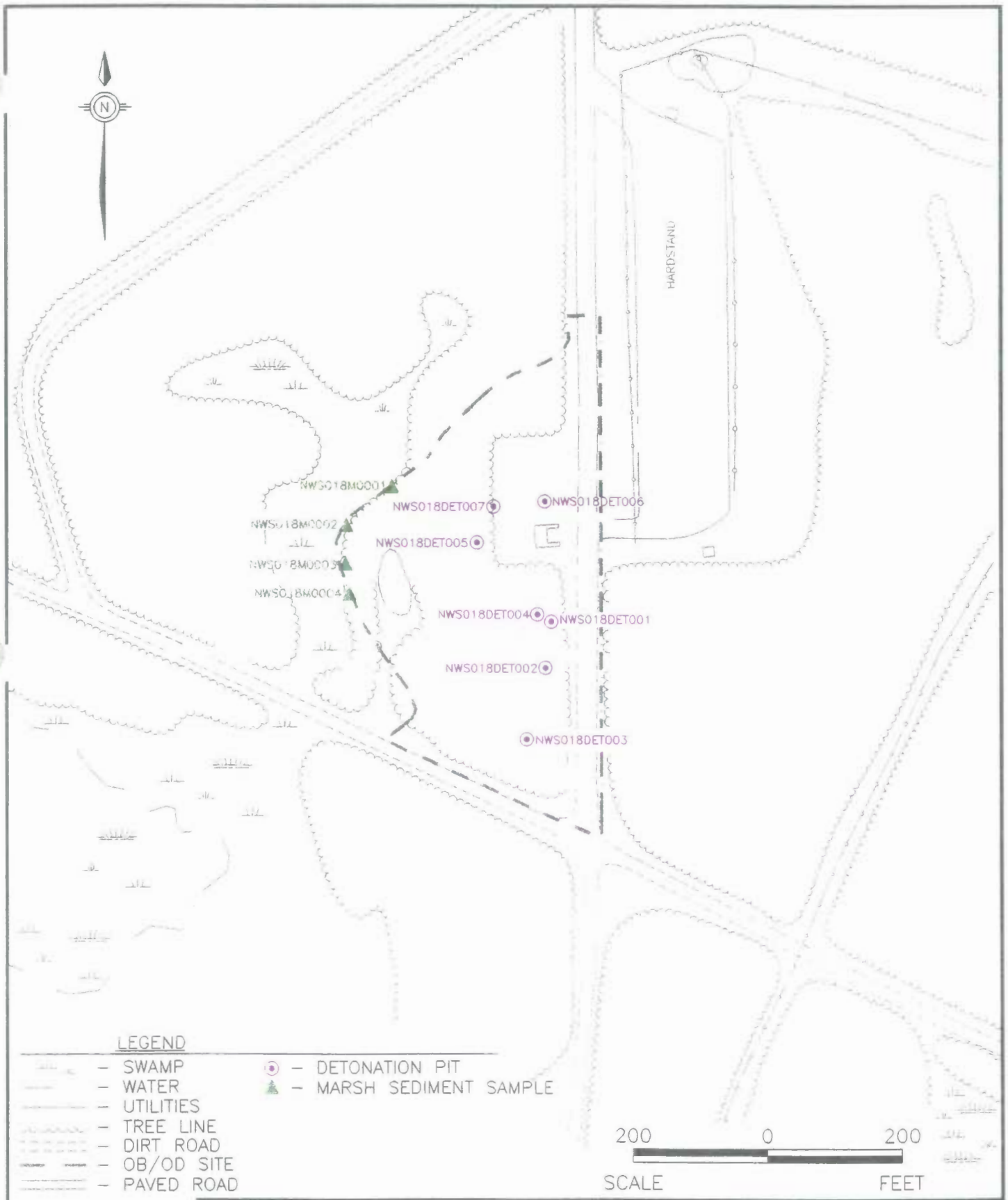
DWG DATE: 03/25/97 | DWG NAME: 1150BD11



SWMU 018
SOUTHSIDE OB/OD
CLOSURE
NAVAL WEAPONS STATION
CHARLESTON, SC

FIGURE 2.1-8
RCRA METALS ABOVE BACKGROUND
DETECTIONS IN SOIL (MG/KG)
DEPTH 5-7 FT BGS

DWG DATE: 01/24/97 | DWG NAME: 1150BD10



SWMU 018
SOUTHSIDE OB/OD
CLOSURE
NAVAL WEAPONS STATION
CHARLESTON ,SC

FIGURE 2.2–0
DETONATION PIT AND MARSH
SEDIMENT SAMPLE LOCATIONS

DWG DATE: 01/24/97 | DWG NAME: 1150BD18

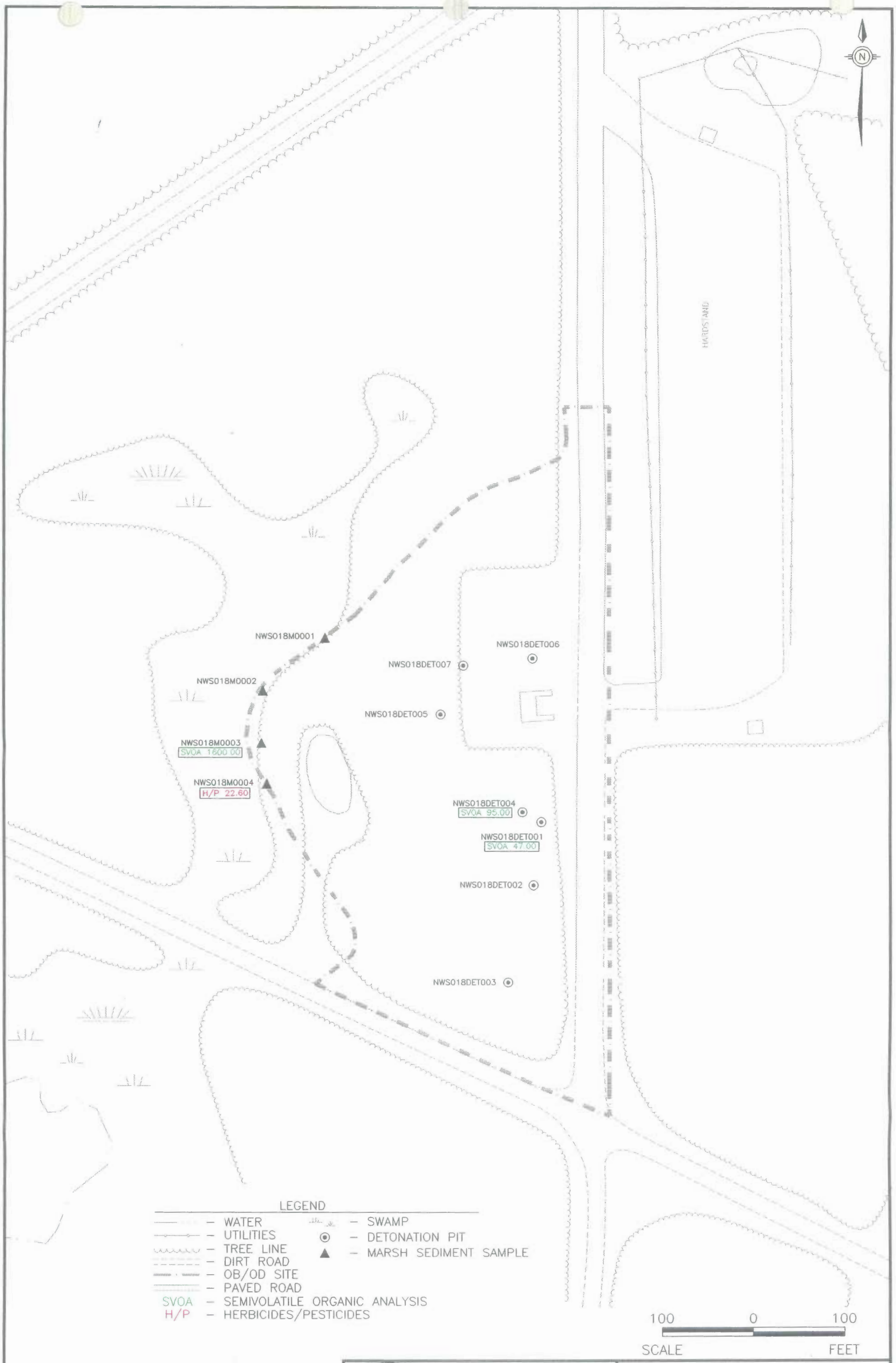
Nearshore marsh samples were acquired using stainless steel augers instead of a Ponar sampling dredge when marsh sediments were exposed at low tide. Marsh sediment samples are identified as NWS\018M000101 through NWS\018M000401. The last two digits of the sample identification label indicate the sampling interval. Surface sediment samples are considered as the first interval; therefore, the last two digits for all sediment samples are 01.

2.2.2 Summary of Results

Complete analytical data sets for sediment and surface water samples are in Appendix C. Tables 2-13 and 2-14 present the summarized results of sediment and surface water analyses. An acceptable means of evaluating the significance of the data has yet to be agreed upon with the regulatory agencies since the closure plan did not propose any "background" sediment locations for the marsh. Furthermore, the appropriateness of comparing background marsh sediment results to detonation pit sediments is highly questionable since there is no hydrologic connection. Data for detections of organics and RCRA metals are presented on Figures 2.2-1 and 2.2-2.

2.2.2.1 Detonation Pits

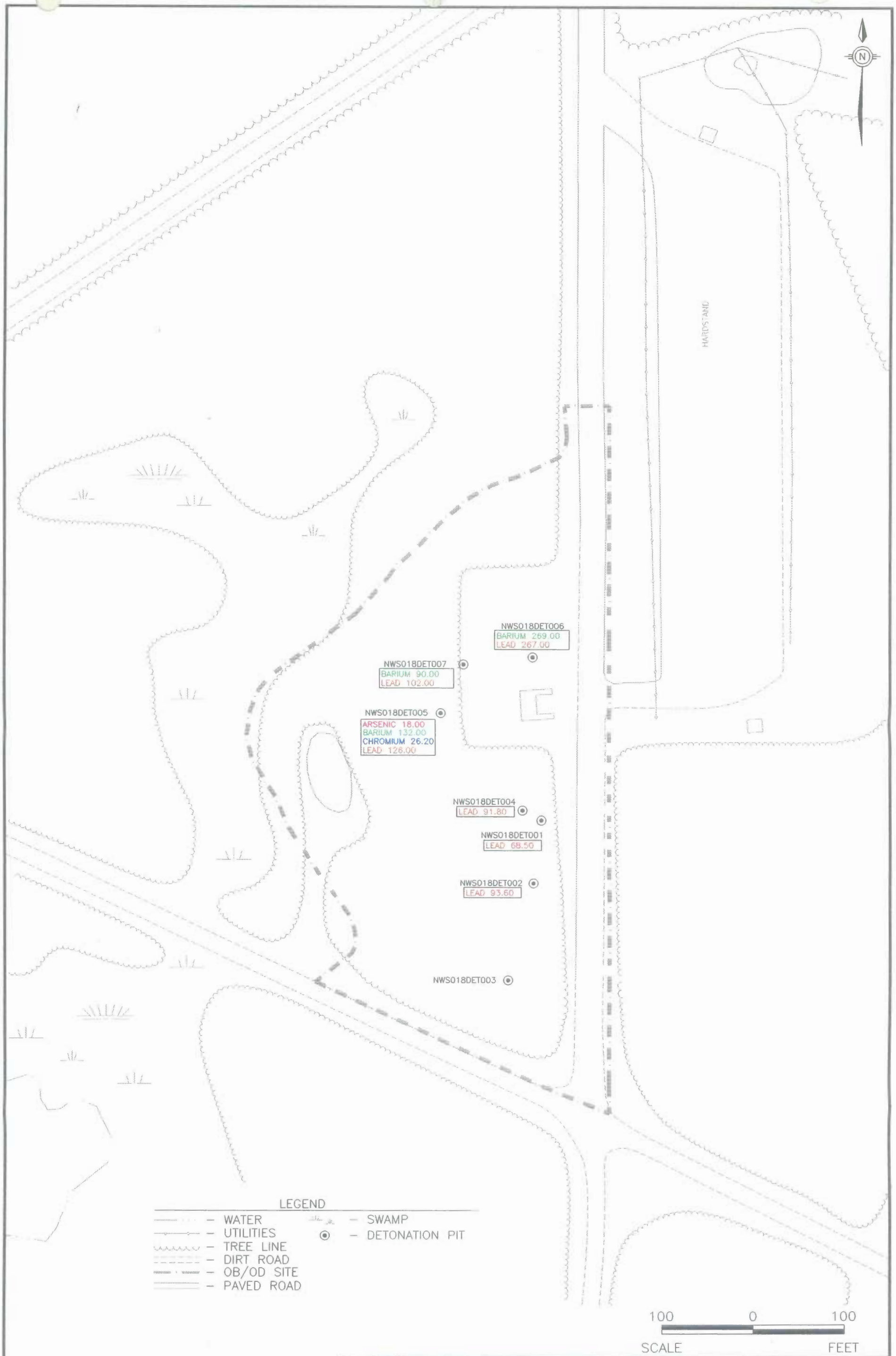
In an attempt to attach relative significance to the detonation pit sediment samples, the results were quantitatively compared to the 1-3 foot soil background concentrations. The rationale for making such a comparison is based on the physical location of the pits and the manner in which they were constructed. Table 2-15 presents a summary of the comparison to background soil. The pits are small excavations scattered about the site, approximately 3 feet in depth, and are not connected to any nearby surface water bodies. Therefore, the assumption is made that the bottom of the pits corresponds to 1-3 foot soil horizon. Based on that comparison, it appears the sediments at all locations have potentially been impacted to some degree with locations 018MD005 and 018MD006 having the most significant exceedances of the background values. Low levels of organic compounds were detected at 018MD002, 018MD003, and 018MD004.



SWMU 018
SOUTHSIDE OB/OD
CLOSURE
NAVAL WEAPONS STATION
CHARLESTON, SC

FIGURE 2.2-1
MAXIMUM TOTAL ORGANICS
DETECTED IN SOIL (UG/KG)
MARSH SEDIMENT AND
DETONATION PITS

DWG DATE: 03/25/97 | DWG NAME: 1150BD20



SWMU 018
SOUTHSIDE OB/OD
CLOSURE
NAVAL WEAPONS STATION
CHARLESTON, SC

FIGURE 2.2-2
DETONATION PITS
MAXIMUM TOTAL RCRA METALS ABOVE
BACKGROUND DETECTED IN
SOIL (MG/KG)

DWG DATE: 03/25/97 | DWG NAME: 1150BD21

Table 2-13
Naval Weapons Station SWMU #18 Soil
Sediment Samples Inorganic (Mg/kg) and Organic (Ug/kg) Data Sets

Parameter	018M00101	018M00201	018M00301	018M00401	018MD00101	018MD00201	018MD00301	018MD00401	018MD00501	018MD00601	018MD00701
Aluminum (Al)	5930.00	2890.00	6020.00	11700.00	4560.00	4960.00	7380.00	5080.00	12600.00	5240.00	5970.00
Antimony (Sb)	<1	<0.53	<1.2	<1.7	<1.1	<0.92	<0.35	<1.5	<2.1	3.90	0.98
Arsenic (As)	3.70	2.40	3.90	11.60	2.40	2.60	7.30	2.10	18.00	4.70	5.00

Table 2-13
Naval Weapons Station SWMU #18 Soil
Sediment Samples Inorganic (Mg/kg) and Organic (Ug/kg) Data Sets

Parameter	018M00101	018M00201	018M00301	018M00401	018MD00101	018MD00201	018MD00301	018MD00401	018MD00501	018MD00601	018MD00701
Selenium (Se)	1.10	<0.4	<1.1	1.80	0.50	<0.34	<0.86	<0.33	<1.5	<1.8	0.57
Silver (Ag)	<1.4	<0.26	2.40	<1.6	<0.24	<0.22	<0.22	<0.21	<0.3	<0.21	<0.26
Sodium (Na)	6380.00	753.00	8380.00	18200.00	179.00	150.00	159.00	164.00	222.00	134.00	171.00

Table 2-14
Naval Weapons Station SWMU #18 Soil
Surface Water Samples Inorganic and Organic Data Sets (Ug/l)

Parameter	018WD00101	018WD00701
Aluminum (Al)	459.00	156.00
Antimony (Sb)	<2.1	<2.1
Arsenic (As)	<2.5	2.90
Barium (Ba)	98.20	86.60
Beryllium (Be)	<0.3	<0.3
Cadmium (Cd)	1.40	1.20
Calcium (Ca)	4510.00	2390.00
Chromium (Cr)	1.90	<0.8
Cobalt (Co)	<0.9	<0.9
Copper (Cu)	19.30	16.40
Iron (Fe)	5220.00	8720.00
Lead (Pb)	38.80	24.10
Magnesium (Mg)	985.00	816.00
Manganese (Mn)	75.70	53.20
Mercury (Hg)	<0.1	<0.1
Nickel (Ni)	<2.8	1.00
Potassium (K)	2410.00	2100.00
Selenium (Se)	<2.8	<2.8
Silver (Ag)	<1.2	<1.2
Sodium (Na)	3410.00	2300.00
Thallium (Tl)	<2.7	<2.7
Tin (Sn)	<19	<2.6
Vanadium (V)	<2.1	2.10
Zinc (Zn)	159.00	64.10
Carbon disulfide	2.00	
bis(2-Ethylhexyl)phthalate (BEHP)	5.00	
Nitroguanidine		6.08

Notes:
< (Less than) indicates that sample results were nondetect at the detection limit listed.
The last two digits of the sample identification number represent the sampling event.

Table 2-15
Naval Weapons Station SWMU #18 Soil
Detonation Pit Sediment Samples Compared to Characteristics of Background Inorganic Data Sets

Parameter	Total Samples	Low Range (MG/KG)	High Range (MG/KG)	# of Samples Above Detection Limits	Upper Confidence Limit (MG/KG)	2x Mean (MG/KG)	# of Samples Above 2x Mean	# of Samples Above UCL
Aluminum (Al)	7	4560.0	12600.0	7	14166.06	17910	0	0
Antimony (Sb)	7	<0.35	3.9	2	N/A	N/A	N/A	N/A

Table 2-15
Naval Weapons Station SWMU #18 Soil
Detonation Pit Sediment Samples Compared to Characteristics of Background Inorganic Data Sets

Parameter	Total Samples	Low Range (MG/KG)	High Range (MG/KG)	# of Samples Above Detection Limits	Upper Confidence Limit (MG/KG)	2x Mean (MG/KG)	# of Samples Above 2x Mean	# of Samples Above UCL
Silver (Ag)	7	<0.21	<0.3	0	N/A	N/A	N/A	N/A
Sodium (Na)	7	134.0	222.0	7	453.52	554.5	0	0

Low levels of organic compounds were detected in surface water samples from detonation pits 001 and 007. The nitroguanidine detection in water from pit 007 was the only detection of an explosive compound in any media.

2.2.2.2 Marsh

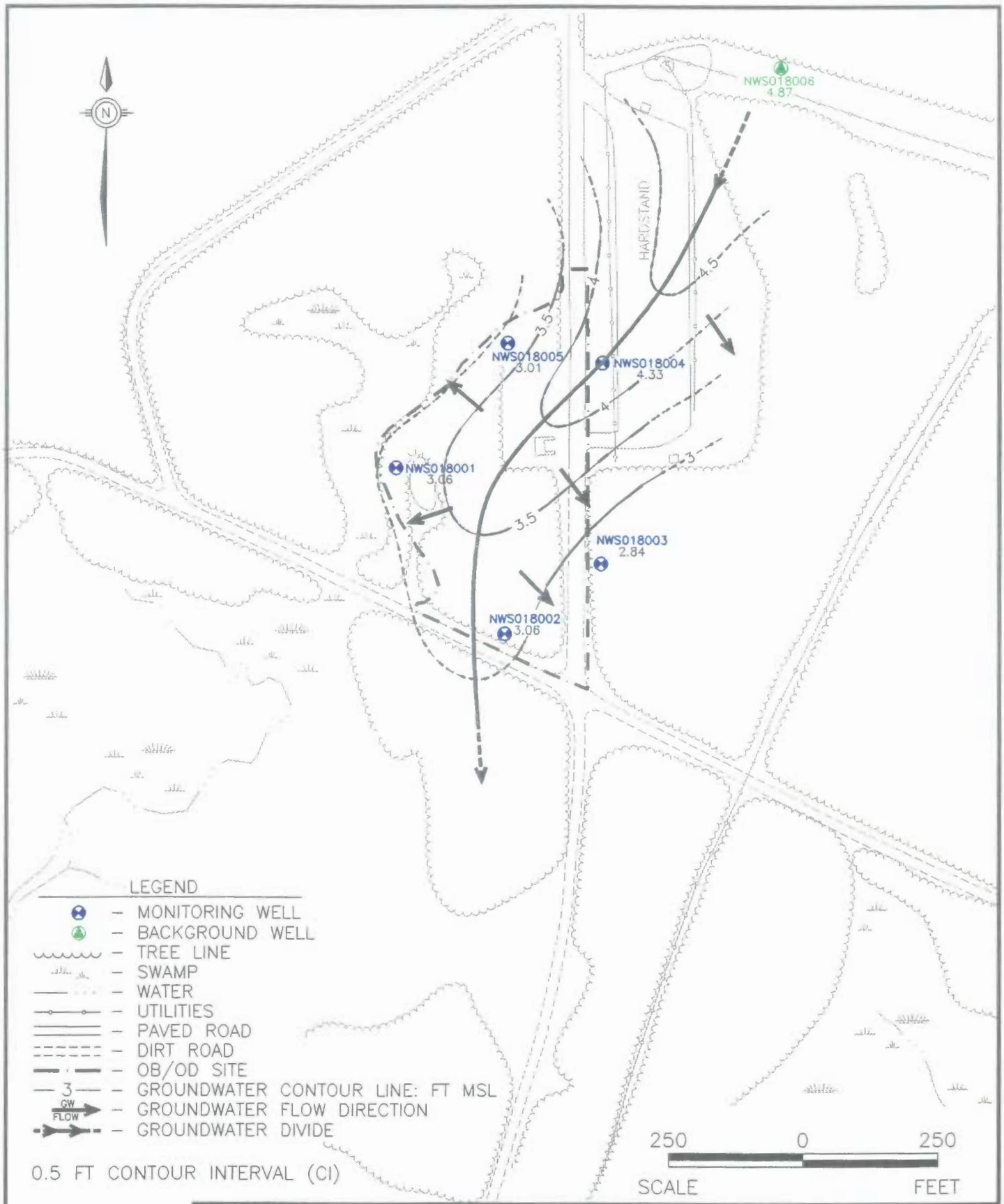
For purposes of this memo, marsh data were tabulated solely to facilitate review. As would be expected, metals were detected in sediment at each location. The concentrations were lowest at location 002 and the highest at locations 003 and 004. Pyrene was also detected at location 003 while alpha-and beta-BHC were detected at location 004. The tabulated list of hits is presented in Appendix D.

2.3 Groundwater Sampling

Groundwater samples were acquired from six stainless steel monitoring wells which were installed in accordance with the closure plan. Monitoring well locations are presented on the water-table elevation contour map (Figure 2.3-1). Hollow stem auger drilling techniques were used to install each of the wells, which are identified as NWS\018001 through NWS\018006. Well construction and lithologic logs are attached as Appendix E. All wells were subsequently developed and allowed to recover for one week before collecting groundwater samples.

2.3.1 Methodology

Groundwater samples were acquired in accordance with Section 4.2.3 of the closure plan. Samples for the first sampling event are identified as NWS\018GW00101 through NWS\018GW00501. The last two digits of the sample identification label indicate the sampling event. Only one sampling event sequence was performed; therefore, the last two digits are 01.



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NAVAL WEAPONS STATION
CHARLESTON, SC

FIGURE 2.3-1
WATER TABLE ELEVATION CONTOUR MAP
05NOV96 LOW TIDE EVENT

DWG DATE: 03/25/97 | DWG NAME: 1150BOD5

2.3.2 Background

Background well NWS\018006 was sampled twice in accordance with the closure plan. Groundwater samples for the background well are identified as NWS\018GW00601 and NWS\018GW0061A. Background groundwater data are summarized in Table 2-16.

2.3.3 Summary of Results

The entire set of groundwater analytical data are presented in Appendix F and have been summarized in Table 2-17. Appendix G contains a tabulated list of "hits" for each of the wells. Only eight analyses for site wells slightly exceed 2 times the mean of metals concentrations in background water quality samples. No organic compounds were detected in groundwater samples.

2.4 Geophysical Survey

An area in which mercury batteries are thought to have been buried was investigated through a geophysical survey.

2.4.1 Methodology

A 90-by-141 foot area was established near the former demilitarization furnace using the site sampling grid. Survey lines were spaced every three feet and trend east to west. A Geonics EM-61 Time Domain Electromagnetic Conductivity instrument was used to collect the data which were processed using Geonics software and countoured. The geophysical study area is presented on Figure 2.4-1.

2.4.2 Summary of Results

Contour maps of the vertical gradient and secondary field data are presented as Figures 2.4-2A and 2B. Vertical gradient contours indicate several anomalies which are thought to represent buried objects (Figure 2.4-1). Secondary field data contour anomalies reflect surface debris, as

Table 2-16
Naval Weapons Station SWMU #18 Groundwater
Characteristics of Background Well Inorganic Data Sets

Parameter	Total Samples	Low Range (UG/L)	High Range (UG/L)	# of Samples Above Detection Limits	Mean (UG/L)	Standard Deviation	Standard Error	Upper Confidence Limit (UG/L)	2x Mean (UG/L)
Aluminum (Al)	2	869.00	2150.00	2	1509.50	905.80	640.60	3481.26	3019.00
Antimony (Sb)	2	<2.1	<2.1	0	N/A	N/A	N/A	N/A	N/A

Table 2-16
Naval Weapons Station SWMU #18 Groundwater
Characteristics of Background Well Inorganic Data Sets

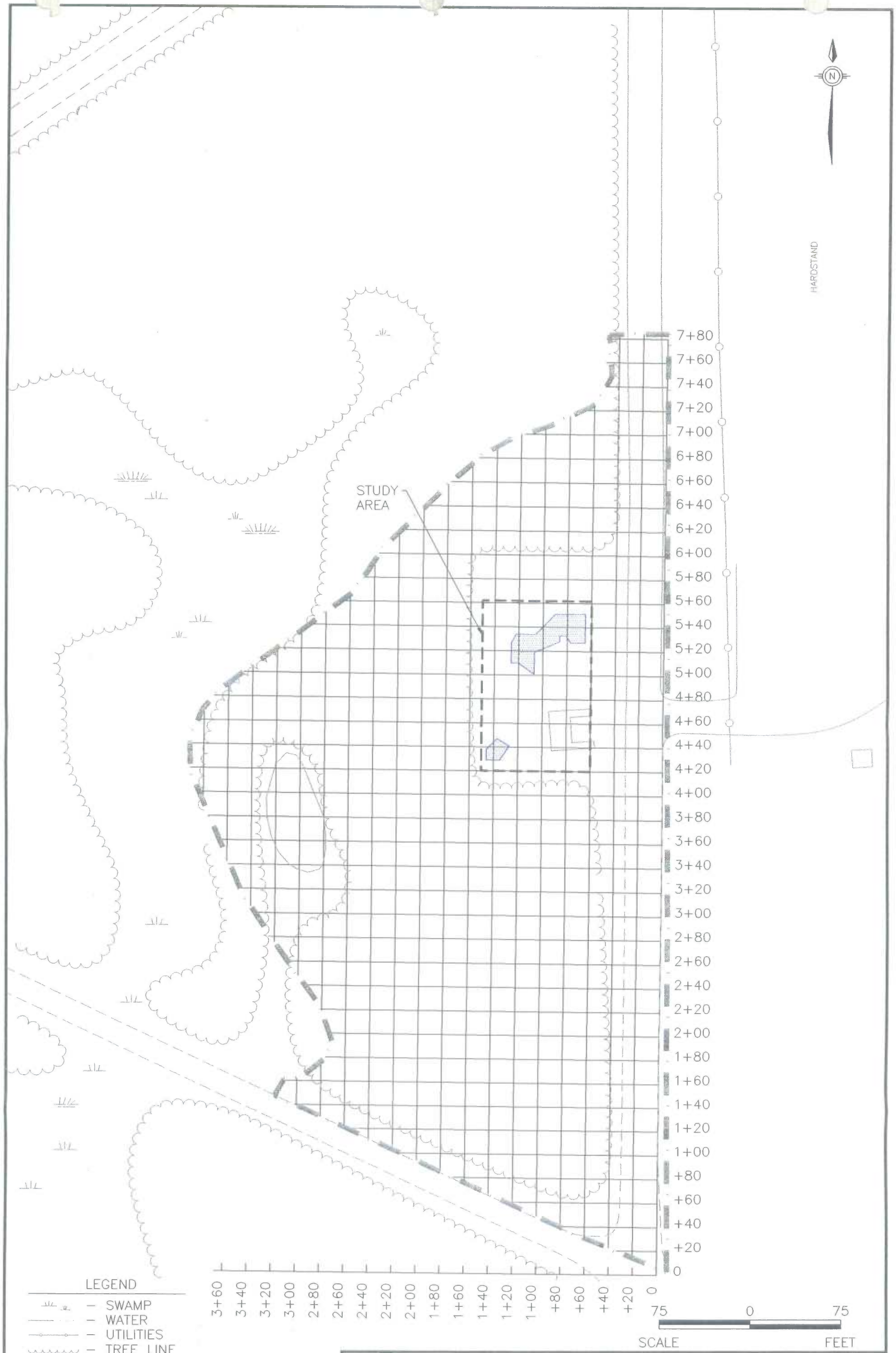
Parameter	Total Samples	Low Range (UG/L)	High Range (UG/L)	# of Samples Above Detection Limits	Mean (UG/L)	Standard Deviation	Standard Error	Upper Confidence Limit (UG/L)	2x Mean (UG/L)
Potassium (K)	2	<1600	<1600	0	N/A	N/A	N/A	N/A	N/A
Selenium (Se)	2	<2.8	<2.8	0	N/A	N/A	N/A	N/A	N/A

Table 2-17
Naval Weapons Station SWMU #18 Groundwater
Monitoring Well Samples Compared to Characteristics of Background Inorganic Data Sets

Parameter	MW-1 (UG/L)	MW-2 (UG/L)	MW-3 (UG/L)	MW-4 (UG/L)	MW-5 (UG/L)	Upper Confidence Limit (UG/L)	2x Mean (UG/L)	# of Samples Above 2x Mean
Aluminum (Al)	317.00	296.00	6160.00	136.00	190.00	3481.26	3019.00	1
Antimony (Sb)	<2.1	<2.1	3.80	<2.3	<2.1	N/A	N/A	0

Table 2-17
Naval Weapons Station SWMU #18 Groundwater
Monitoring Well Samples Compared to Characteristics of Background Inorganic Data Sets

Parameter	MW-1 (UG/L)	MW-2 (UG/L)	MW-3 (UG/L)	MW-4 (UG/L)	MW-5 (UG/L)	Upper Confidence Limit (UG/L)	2x Mean (UG/L)	# of Samples Above 2x Mean
Potassium (K)	10500.00	<1600	<1600	<1600	<1600	N/A	N/A	0
Selenium (Se)	<2.8	<2.8	<2.8	<2.8	<2.8	N/A	N/A	0



SWMU 018
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NAVAL WEAPONS STATION
CHARLESTON, SC

FIGURE 2.4-1
GEOPHYSICAL STUDY AREA
LOCATION MAP

DWG DATE: 01/24/97 | DWG NAME: 1150BOD8

well as anomalies generated by the primary targets at depth. Color patterns in the contour maps represent variations in gradient and field strength. Warmer colors indicate higher values while

cooler colors represent lower values. The primary anomalies are associated with pink areas on the vertical gradient contour map. An estimate on the depth of the detected anomalies ranges from 0.6 to 1.5 meters. However, depth estimates are imprecise without knowledge regarding material type and mass of the buried object.

2.5 Deviations

Two aspects of the field investigation required deviations from those proposed in the closure plan. Both items pertain to specified analytical requirements and are not expected to have an impact on the final closure of the unit. However, it will be necessary to revise the closure plan. Analytes and analytical methods described in the closure plan were strictly followed with the following exceptions. Soil and groundwater samples were analyzed for all constituents listed in Table 4-1 of the closure plan, excluding nitrocellulose, nitrostarch, tetracene, diazodinitrophenol, and ethyl centralite. Rationale for excluding these analytes was provided in a letter to SCDHEC from SOUTHDIV dated August 28, 1996.

Section 4.1.2 of the closure plan presented methodology and options in determing background soil sample concentrations. Soil samples obtained from boring NWS\018SB006 were collected and analyzed for the full suite of analytes. Soil samples from the three supplemental background locations NWS\018SB020 through NWS\018SB022 were analyzed only for metals as it was apparent that any organic contamination that may be present coincided with metals contamination.

3.0 CONCLUSIONS AND RECOMMENDATIONS

3.1 Site Characterization

Data acquired during the first phase of field work have indicated that activities at the former Southside Open Burn/Open Detonation facility may have impacted the site to a limited degree. This conclusion is based in part on data evaluation criteria in the closure plan, that is compounds exceeding background concentrations indicate contamination unless eliminated by "other appropriate criteria". Background reference levels were only calculated for inorganics since inorganics occur naturally in soil and groundwater. A thorough review of the data suggests that the background data set may be inadequate to account for variability in concentrations of naturally occurring inorganics. As a result, the evaluation may be falsely indicating widespread "contamination" both surficially and at depth. A larger population of background samples might result in a more statistically accurate assessment of the data; however, sufficient data may already be available to adequately characterize the site if risk based criteria are used in accordance with the SCDHEC *Bureau of Solid and Hazardous Waste Management Assessment and Remediation Criteria.* In general, the maximum concentrations of compounds presently defined as "contamination" are below thresholds considered protective of human health and the environment. For this reason, it is recommended that the "other appropriate criteria" be defined as the process of screening data be implemented in accordance with the SCDHEC memo referenced above. Examples of conditions which justify a risk-based closure are outlined below.

Soil

Considering the operational history of the site, it is entirely possible that elevated metals concentrations can be attributed, at least in part, to past disposal activities. In surface soil, barium, lead, and vanadium have the highest frequency of detection above background. However, professional judgment and knowledge of the Charleston area soil suggest that these analytes could naturally occur locally at the levels reported. Furthermore, fate and transport properties of metals suggest that it is improbable these analytes would migrate vertically to

9' bgs (which corresponds to the deepest soil sample collected) unless influenced by their surrounding environment. Typical fate and transport characteristics of inorganics are:

- They tend to sorb to soil particles.
- They are not degradable.
- They tend to have moderate to low mobility; however, in acidic environments (pH < 5), inorganics can become mobile.

The chemical property with the greatest influence on the fate and transport of inorganics is solubility which is pH dependent. Average pH levels for soil at the site were measured to be 6.19 for the 0-6" bgs interval, 5.72 for the 1-3' bgs interval, 5.57 for the 3-5' bgs interval, 5.49 for the 5-7' bgs interval, and 5.93 for the 7-9' bgs interval.

Cleanup of the sites to levels below background would require excavation of the entire surface area of the site to depths of 7 feet in some locations. If additional screening criteria are applied, the relative significance of the observed inorganics concentrations in terms of human health risk or hazard is dramatically less than the significance attached to the data by the background test. Appendix H contains tabulated data which has been screened first against EPA Region III Risk Based Concentrations (RBCs) for surface soil under a residential scenario, soil screening levels (SSLs) for subsurface soil, and the calculated background concentrations. For comparison the data was also screened against the industrial RBCs which only resulted in the exclusion of 2 additional compounds. The exercise illustrated that it would be of great value to use risk based concentrations to screen the data to avoid unnecessary remedial actions. Therefore, no further soil sampling is recommended at this time until a decision is reached regarding the alternative proposal for data evaluation.

Sediment and Surface Water

At present the closure plan does not provide a means to ascertain the significance of marsh sediment data. It is recommended that 2 additional sediment samples be collected in the marsh

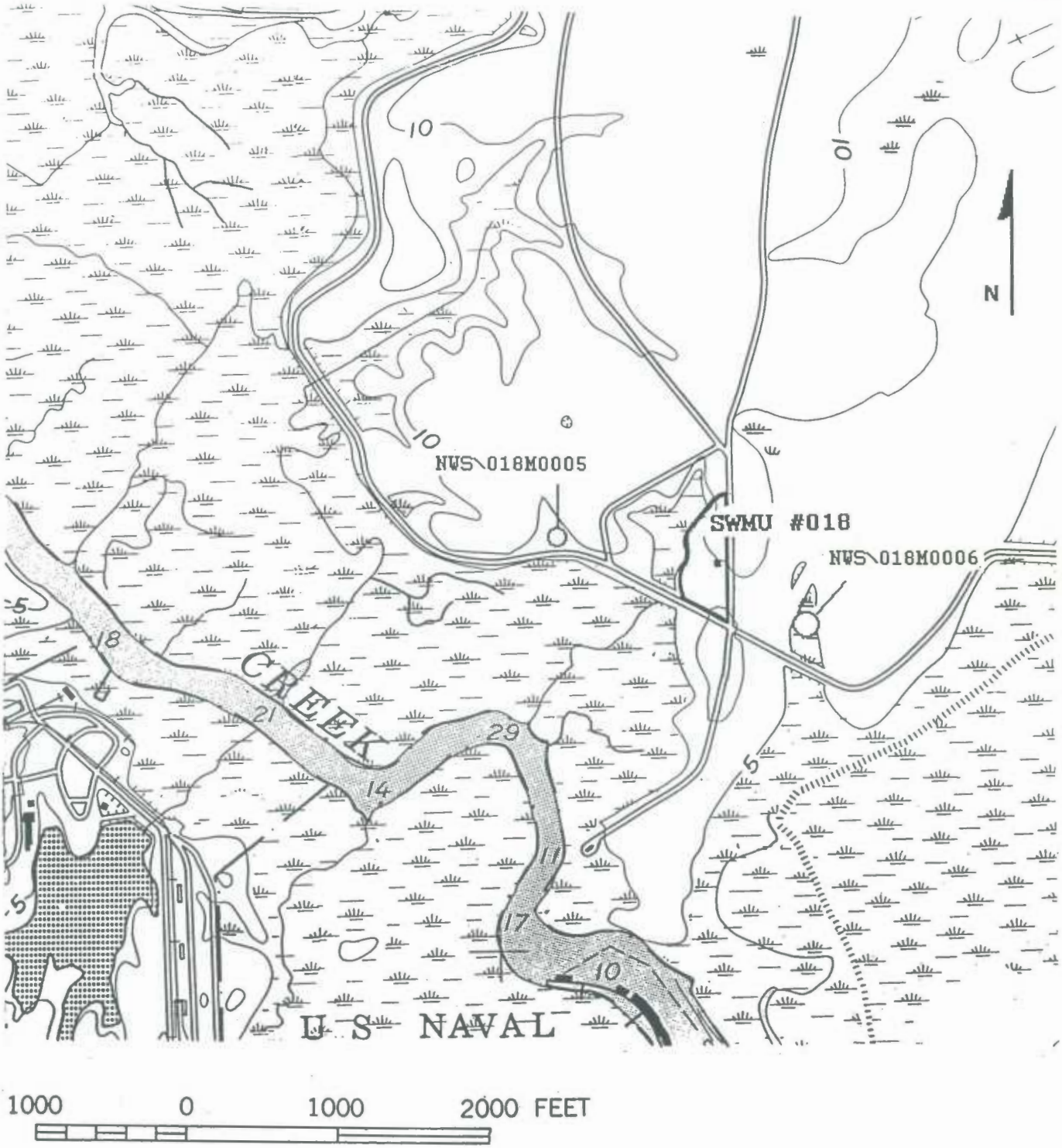
from areas unlikely to have been impacted by site activities. Figure 3.1 illustrates the proposed locations. Even with the addition of the "background" data it is recommended that the data be screened using appropriate risk based criteria such as the EPA Region IV Sediment Screening Values (SSVs). Appendix H contains a tabulated assessment of marsh sediment data screened against the SSVs.

The evaluation of the detonation pit sediment data indicates that metals concentrations are slightly elevated relative to the 1-3 foot background concentrations. The explosive compound nitroguanidine was also detected in surface water in pit number 007. The plausible explanation for the presence of the nitroguanidine is historical site operations; however, a quantitative means of assessing the relative significance of all the data is needed before a valid determination of site related impacts can be completed.

Groundwater

Groundwater beneath the former OB/OD facility does not appear to have been impacted by facility operations. Groundwater movement beneath the facility is either towards the Goose Creek marsh area west of the site, or towards two other SWMUs adjacent to the OB\OD area. Analyte detections in groundwater beneath the site are limited to inorganics, very few of which even exceed background. Of the eight analytes that exceed background, five are the essential nutrients calcium, iron, potassium, magnesium, and sodium. It is also important to note that the monitoring well with the most exceedances of background is located within approximately 15 feet of the marsh and appears to be screened in brackish water, which would account for the elevated levels. Even so, none of the analytes detected exceed their respective maximum contaminant levels for tap water, risk based screening levels as shown in Appendix H.

Appendix I generally describes baseline risk assessment procedures recommended for evaluation of the data. It is recommended that these procedures be considered for use as appropriate closure criteria under a risk based scenario.



SWMU 018
SOUTHSIDE OB/OD
CLOSURE
NAVAL WEAPONS STATION
CHARLESTON SC

FIGURE 3.1
PROPOSED BACKGROUND
MARSH SEDIMENT
SAMPLING LOCATIONS

DWG DATE: 01/27/97 | DWG NAME: BOARD

3.2 Geophysical Survey

Data presented on the vertical gradient contour map, Figure 2.4-2A indicate a roughly east-west trending line of three intense anomalies in the northern half of the study area. Gradient contour patterns suggest several small cells which may contain buried batteries or other objects. An estimate on the depth of these anomalies ranges from 0.6 to 1.5 meters. However, depth estimates are imprecise without knowledge regarding material type and mass of the buried object. A similar contour pattern is present in the southwest corner of the study area and indicates a similar feature at an estimated burial depth of 0.6 meters. The anomalies indicated on Figure 2.4-1 are in areas thought to have been mercury battery burial sites. These anomalies have been marked in the field for further investigation by an invasive method such as trenching.

It is recommended that the areas in which anomalies presented in Section 2.4 are found be excavated to determine the source. Excavations should be performed in accordance with Section 4.1.4 of the closure plan and with the assistance of an explosive ordnance disposal unit. Provisions should be made to prevent the spread of any potentially contaminated soil and for chemical analyses of excavated spoil material and undisturbed soils.

APPENDIX A
SOIL DATA

DATALCP3
12/04/96

NAVAL WEAPONS STATION
NAVAL WEAPONS STATION (SOIL)
SOIL SAMPLES

CYANIDE													
	SAMPLE ID ------->	018-S-B001-01		018-S-B001-02		018-S-B001-03		018-S-B002-01		018-S-B002-02		018-S-B002-03	
	ORIGINAL ID ----->	018SB00101		018SB00102		018SB00103		018SB00201		018SB00202		018SB00203	
	LAB SAMPLE ID --->	26340.01		26340.02		26340.03		26340.05		26340.06		26340.07	
	ID FROM REPORT -->	018SB00101		018SB00102		018SB00103		018SB00201		018SB00202		018SB00203	
	SAMPLE DATE ----->	07/17/96		07/17/96		07/17/96		07/17/96		07/17/96		07/17/96	
	DATE EXTRACTED -->	07/24/96		07/24/96		07/24/96		07/24/96		07/24/96		07/24/96	
	DATE ANALYZED --->	07/25/96		07/25/96		07/25/96		07/25/96		07/25/96		07/25/96	
	MATRIX ---------->	Soil		Soil		Soil		Soil		Soil		Soil	
	UNITS ---------->	MG/KG	A	MG/KG	A	MG/KG	A	MG/KG	A	MG/KG	A	MG/KG	A
CAS #	Parameter	26332	VAL	26332	VAL	26332	VAL	26332	VAL	26332	VAL	26332	VAL
57-12-5	Cyanide (CN)	0.14	J	0.2	J	0.12	U	0.11	J	0.13	J	0.1	U

NAVAL WEAPONS STATION
NAVAL WEAPONS STATION (SOIL)
SOIL SAMPLES

CYANIDE													
	SAMPLE ID ------->	018-S-B002-04		018-S-B002-05		018-S-B003-01		018-S-B003-02		018-S-B003-03		018-S-B003-04	
	ORIGINAL ID ----->	018SB00204		018SB00205		018SB00301		018SB00302		018SB00303		018SB00304	
	LAB SAMPLE ID --->	26340.08		26510.01		26349.01		26349.02		26349.03		26349.04	
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	SAMPLE DATE ----->	07/17/96		08/01/96		07/18/96		07/18/96		07/18/96		07/18/96	
	DATE EXTRACTED -->	07/24/96		08/09/96		07/24/96		07/24/96		07/24/96		07/24/96	
	DATE ANALYZED --->	07/25/96		08/10/96		07/25/96		07/25/96		07/25/96		07/25/96	
	MATRIX ---------->	Soil		Soil		Soil		Soil		Soil		Soil	
	UNITS ----------->	MG/KG	A	MG/KG	A	MG/KG	A	MG/KG	A	MG/KG	A	MG/KG	A
CAS #	Parameter	26332	VAL	26510	VAL	26332	VAL	26332	VAL	26332	VAL	26332	VAL
57-12-5	Cyanide (CN)	0.11	U	0.12	U	0.1	U	0.11	U	0.11	U	0.11	U

NAVAL WEAPONS STATION
NAVAL WEAPONS STATION (SOIL)
SOIL SAMPLES

CYANIDE													
	SAMPLE ID ------->	018-S-B003-05		018-S-B003-06		018-S-B004-01		018-S-B004-02		018-S-B004-03		018-S-B005-01	
	ORIGINAL ID ----->	018SB00305		018SB00306		018SB00401		018SB00402		018SB00403		018SB00501	
	LAB SAMPLE ID --->	26349.05		26489.04		26349.06		26349.07		26349.08		26349.09	
	ID FROM REPORT -->	018SB00305		018SB00306		018SB00401		018SB00402		018SB00403		018SB00501	
	SAMPLE DATE ----->	07/18/96		07/31/96		07/18/96		07/18/96		07/18/96		07/18/96	
	DATE EXTRACTED -->	07/24/96		08/08/96		07/24/96		07/24/96		07/24/96		07/24/96	
	DATE ANALYZED --->	07/25/96		08/10/96		07/25/96		07/25/96		07/25/96		07/25/96	
	MATRIX ---------->	Soil		Soil		Soil		Soil		Soil		Soil	
	UNITS ---------->	MG/KG	A	MG/KG	A	MG/KG	A	MG/KG	A	MG/KG	A	MG/KG	A
CAS #	Parameter	26332	VAL	26473	VAL	26332	VAL	26332	VAL	26332	VAL	26332	VAL
57-12-5	Cyanide (CN)	0.11	U	0.13	U	0.11	U	0.12	U	0.12	J	0.11	U

NAVAL WEAPONS STATION
NAVAL WEAPONS STATION (SOIL)
SOIL SAMPLES

CYANIDE													
	SAMPLE ID ------->	018-S-B005-02		018-S-B005-03		018-S-B005-04		018-S-B005-05		018-S-B006-01		018-S-B006-02	
	ORIGINAL ID ----->	018SB00502		018SB00503		018SB00504		018SB00505		018SB00601		018SB00602	
	LAB SAMPLE ID --->	26349.12		26349.13		26349.14		26349.15		26421.01		26421.02	
	ID FROM REPORT -->	018SB00502		018SB00503		018SB00504		018SB00505		018SB00601		018SB00602	
	SAMPLE DATE ----->	07/18/96		07/18/96		07/18/96		07/18/96		07/25/96		07/25/96	
	DATE EXTRACTED -->	07/24/96		07/24/96		07/24/96		07/24/96		08/01/96		08/01/96	
	DATE ANALYZED --->	07/25/96		07/25/96		07/25/96		07/25/96		08/03/96		08/03/96	
	MATRIX ---------->	Soil		Soil		Soil		Soil		Soil		Soil	
	UNITS ---------->	MG/KG	A	MG/KG	A	MG/KG	A	MG/KG	A	MG/KG	A	MG/KG	A
CAS #	Parameter	26332	VAL	26332	VAL	26332	VAL	26332	VAL	26421	VAL	26421	VAL
57-12-5	Cyanide (CN)	0.11	U	0.11	U	0.16	J	0.11	U	0.21	U	0.16	U

NAVAL WEAPONS STATION
NAVAL WEAPONS STATION (SOIL)
SOIL SAMPLES

CYANIDE													
	SAMPLE ID ------->	018-S-B006-03		018-S-B006-04		018-S-B007-01		018-S-B007-02		018-S-B007-03		018-S-B007-04	
	ORIGINAL ID ----->	018SB00603		018SB00604		018SB00701		018SB00702		018SB00703		018SB00704	
	LAB SAMPLE ID --->	26421.03		26421.04		26397.05		26397.06		26397.07		26397.08	
	ID FROM REPORT -->	018SB00603		018SB00604		018SB00701		018SB00702		018SB00703		018SB00704	
	SAMPLE DATE ----->	07/25/96		07/25/96		07/23/96		07/23/96		07/23/96		07/23/96	
	DATE EXTRACTED -->	08/01/96		08/01/96		07/29/96		07/29/96		07/29/96		07/29/96	
	DATE ANALYZED --->	08/03/96		08/03/96		07/30/96		07/30/96		07/30/96		07/30/96	
	MATRIX ---------->	Soil		Soil		Soil		Soil		Soil		Soil	
	UNITS ---------->	MG/KG	A	MG/KG	A	MG/KG	A	MG/KG	A	MG/KG	A	MG/KG	A
CAS #	Parameter	26421	VAL	26421	VAL	26397	VAL	26397	VAL	26397	VAL	26397	VAL
57-12-5	Cyanide (CN)	0.15	U	0.16	U	0.24	U	0.23	U	0.14	U	0.14	U

NAVAL WEAPONS STATION
NAVAL WEAPONS STATION (SOIL)
SOIL SAMPLES

CYANIDE													
	SAMPLE ID ------->	018-S-B008-01		018-S-B008-02		018-S-B008-03		018-S-B008-04		018-S-B009-01		018-S-B010-01	
	ORIGINAL ID ----->	018SB00801		018SB00802		018SB00803		018SB00804		018SB00901		018SB01001	
	LAB SAMPLE ID --->	26404.01		26404.02		26404.03		26404.04		26404.08		26404.13	
	ID FROM REPORT -->	018SB00801		018SB00802		018SB00803		018SB00804		018SB00901		018SB01001	
	SAMPLE DATE ----->	07/24/96		07/24/96		07/24/96		07/24/96		07/24/96		07/24/96	
	DATE EXTRACTED -->	07/31/96		07/31/96		07/31/96		07/31/96		07/31/96		07/31/96	
	DATE ANALYZED --->	08/03/96		08/03/96		08/03/96		08/03/96		08/03/96		08/03/96	
	MATRIX ---------->	Soil		Soil		Soil		Soil		Soil		Soil	
	UNITS ---------->	MG/KG	A	MG/KG	A	MG/KG	A	MG/KG	A	MG/KG	A	MG/KG	A
CAS #	Parameter	26397	VAL	26397	VAL	26397	VAL	26397	VAL	26397	VAL	26397	VAL
57-12-5	Cyanide (CN)	0.11	U	0.11	U	0.11	U	0.11	U	0.17	U	0.11	U

NAVAL WEAPONS STATION
NAVAL WEAPONS STATION (SOIL)
SOIL SAMPLES

CYANIDE													
	SAMPLE ID ------->	018-S-B010-02		018-S-B010-03		018-S-B010-04		018-S-B011-01		018-S-B011-02		018-S-B011-03	
	ORIGINAL ID ----->	018SB01002		018SB01003		018SB01004		018SB01101		018SB01102		018SB01103	
	LAB SAMPLE ID --->	26404.14		26404.15		26404.16		26364.02		26364.03		26364.04	
	ID FROM REPORT -->	018SB01002		018SB01003		018SB01004		018SB01101		018SB01102		018SB01103	
	SAMPLE DATE ----->	07/24/96		07/24/96		07/24/96		07/19/96		07/19/96		07/19/96	
	DATE EXTRACTED -->	07/31/96		07/31/96		07/31/96		07/25/96		07/25/96		07/25/96	
	DATE ANALYZED --->	08/03/96		08/03/96		08/03/96		07/29/96		07/29/96		07/29/96	
	MATRIX ---------->	Soil		Soil		Soil		Soil		Soil		Soil	
	UNITS ---------->	MG/KG	A	MG/KG	A	MG/KG	A	MG/KG	A	MG/KG	A	MG/KG	A
CAS #	Parameter	26397	VAL	26397	VAL	26397	VAL	26364	VAL	26364	VAL	26364	VAL
57-12-5	Cyanide (CN)	0.11	U	0.1	U	0.11	U	0.15	U	0.11	U	0.11	U

NAVAL WEAPONS STATION
NAVAL WEAPONS STATION (SOIL)
SOIL SAMPLES

CYANIDE													
	SAMPLE ID ------->	018-S-B011-04		018-S-B012-01		018-S-B012-02		018-S-B012-03		018-S-B012-04		018-S-B013-01	
	ORIGINAL ID ----->	018SB01104		018SB01201		018SB01202		018SB01203		018SB01204		018SB01301	
	LAB SAMPLE ID --->	26364.05		26364.06		26364.07		26364.08		26364.09		26364.10	
	ID FROM REPORT -->	018SB01104		018SB01201		018SB01202		018SB01203		018SB01204		018SB01301	
	SAMPLE DATE ----->	07/19/96		07/19/96		07/19/96		07/19/96		07/19/96		07/19/96	
	DATE EXTRACTED -->	07/25/96		07/25/96		07/25/96		07/25/96		07/25/96		07/25/96	
	DATE ANALYZED --->	07/29/96		07/29/96		07/29/96		07/29/96		07/29/96		07/29/96	
	MATRIX ---------->	Soil		Soil		Soil		Soil		Soil		Soil	
	UNITS ---------->	MG/KG	A	MG/KG	A	MG/KG	A	MG/KG	A	MG/KG	A	MG/KG	A
CAS #	Parameter	26364	VAL	26364	VAL	26364	VAL	26364	VAL	26364	VAL	26364	VAL
57-12-5	Cyanide (CN)	0.13	U	0.1	U	0.11	U	0.16	U	0.26	U	0.11	U

NAVAL WEAPONS STATION
NAVAL WEAPONS STATION (SOIL)
SOIL SAMPLES

CYANIDE													
	SAMPLE ID ------->	018-S-B013-02		018-S-B013-03		018-S-B013-04		018-S-B014-01		018-S-B014-02		018-S-B014-03	
	ORIGINAL ID ----->	018SB01302		018SB01303		018SB01304		018SB01401		018SB01402		018SB01403	
	LAB SAMPLE ID --->	26364.11		26364.12		26364.13		26379.09		26379.10		26379.11	
	ID FROM REPORT -->	018SB01302		018SB01303		018SB01304		018SB01401		018SB01402		018SB01403	
	SAMPLE DATE ----->	07/19/96		07/19/96		07/19/96		07/22/96		07/22/96		07/22/96	
	DATE EXTRACTED -->	07/25/96		07/25/96		07/25/96		07/26/96		07/26/96		07/26/96	
	DATE ANALYZED --->	07/29/96		07/29/96		07/29/96		07/29/96		07/29/96		07/29/96	
	MATRIX ---------->	Soil		Soil		Soil		Soil		Soil		Soil	
	UNITS ---------->	MG/KG	A	MG/KG	A	MG/KG	A	MG/KG	A	MG/KG	A	MG/KG	A
CAS #	Parameter	26364	VAL	26364	VAL	26364	VAL	26364	VAL	26364	VAL	26364	VAL
57-12-5	Cyanide (CN)	0.26	U	0.25	U	0.11	U	0.13	U	0.11	U	0.12	U

NAVAL WEAPONS STATION
NAVAL WEAPONS STATION (SOIL)
SOIL SAMPLES

CYANIDE													
	SAMPLE ID ------->	018-S-B014-04		018-S-B015-01		018-S-B015-02		018-S-B015-03		018-S-B015-04		018-S-B016-01	
	ORIGINAL ID ----->	018SB01404		018SB01501		018SB01502		018SB01503		018SB01504		018SB01601	
	LAB SAMPLE ID --->	26379.12		26397.01		26397.02		26397.03		26397.04		26379.05	
	ID FROM REPORT -->	018SB01404		018SB01501		018SB01502		018SB01503		018SB01504		018SB01601	
	SAMPLE DATE ----->	07/22/96		07/23/96		07/23/96		07/23/96		07/23/96		07/22/96	
	DATE EXTRACTED -->	07/26/96		07/29/96		07/29/96		07/29/96		07/29/96		07/26/96	
	DATE ANALYZED --->	07/29/96		07/30/96		07/30/96		07/30/96		07/30/96		07/29/96	
	MATRIX ---------->	Soil		Soil		Soil		Soil		Soil		Soil	
	UNITS ---------->	MG/KG	A	MG/KG	A	MG/KG	A	MG/KG	A	MG/KG	A	MG/KG	A
CAS #	Parameter	26364	VAL	26397	VAL	26397	VAL	26397	VAL	26397	VAL	26364	VAL
57-12-5	Cyanide (CN)	0.12	U	0.18	U	0.11	U	0.24	U	0.19	U	0.16	U

NAVAL WEAPONS STATION
NAVAL WEAPONS STATION (SOIL)
SOIL SAMPLES

CYANIDE													
	SAMPLE ID ------->	018-S-B016-02		018-S-B017-01		018-S-B017-02		018-S-B017-03		018-S-B017-04		018-S-B018-01	
	ORIGINAL ID ----->	018SB01602		018SB01701		018SB01702		018SB01703		018SB01704		018SB01801	
	LAB SAMPLE ID --->	26379.06		26404.09		26404.10		26404.11		26404.12		26379.01	
	ID FROM REPORT -->	018SB01602		018SB01701		018SB01702		018SB01703		018SB01704		018SB01801	
	SAMPLE DATE ----->	07/22/96		07/24/96		07/24/96		07/24/96		07/24/96		07/22/96	
	DATE EXTRACTED -->	07/26/96		07/31/96		07/31/96		07/31/96		07/31/96		07/26/96	
	DATE ANALYZED --->	07/29/96		08/03/96		08/03/96		08/03/96		08/03/96		07/29/96	
	MATRIX ---------->	Soil		Soil		Soil		Soil		Soil		Soil	
	UNITS ---------->	MG/KG	A	MG/KG	A	MG/KG	A	MG/KG	A	MG/KG	A	MG/KG	A
CAS #	Parameter	26364	VAL	26397	VAL	26397	VAL	26397	VAL	26397	VAL	26364	VAL
57-12-5	Cyanide (CN)	0.16	U	0.12	U	0.11	U	0.11	U	0.11	U	0.18	U

NAVAL WEAPONS STATION
NAVAL WEAPONS STATION (SOIL)
SOIL SAMPLES

CYANIDE																	
	SAMPLE ID ------->	018-S-B018-02			018-S-B018-03			018-S-B018-04			018-S-B019-01			018-S-B019-02			018-S-B019-03		
	ORIGINAL ID ----->	018SB01802			018SB01803			018SB01804			018SB01901			018SB01902			018SB01903		
	LAB SAMPLE ID --->	26379.02			26379.03			26379.04			26379.13			26379.14			26379.07		
	ID FROM REPORT -->	018SB01802			018SB01803			018SB01804			018SB01901			018SB01902			018SB01903		
	SAMPLE DATE ----->	07/22/96			07/22/96			07/22/96			07/22/96			07/22/96			07/22/96		
	DATE EXTRACTED -->	07/26/96			07/26/96			07/26/96			07/26/96			07/26/96			07/26/96		
	DATE ANALYZED --->	07/29/96			07/29/96			07/29/96			07/29/96			07/29/96			07/29/96		
	MATRIX ---------->	Soil			Soil			Soil			Soil			Soil			Soil		
	UNITS ---------->	MG/KG		A	MG/KG		A	MG/KG		A	MG/KG		A	MG/KG		A	MG/KG		A
CAS #	Parameter	26364		VAL	26364		VAL	26364		VAL	26364		VAL	26364		VAL	26364		VAL
57-12-5	Cyanide (CN)		0.12	U		0.15	U		0.12	U		0.16	U		0.15	U		0.14	U

NAVAL WEAPONS STATION
NAVAL WEAPONS STATION (SOIL)
SOIL SAMPLES

CYANIDE													
	SAMPLE ID ------->	018-S-B019-04		018-S-G001-01		018-S-G001-02		018-S-G001-03		018-S-G001-04		018-S-G002-01	
	ORIGINAL ID ----->	018SB01904		018SG00101		018SG00102		018SG00103		018SG00104		018SG00201	
	LAB SAMPLE ID --->	26379.08		26463.05		26463.08		26463.09		26463.10		26463.01	
	ID FROM REPORT -->	018SB01904		018SG00101		018SG00102		018SG00103		018SG00104		018SG00201	
	SAMPLE DATE ----->	07/22/96		07/29/96		07/29/96		07/29/96		07/29/96		07/29/96	
	DATE EXTRACTED -->	07/26/96		08/08/96		08/08/96		08/08/96		08/08/96		08/08/96	
	DATE ANALYZED --->	07/29/96		08/10/96		08/10/96		08/10/96		08/10/96		08/10/96	
	MATRIX ---------->	Soil		Soil		Soil		Soil		Soil		Soil	
	UNITS ---------->	MG/KG	A	MG/KG	A	MG/KG	A	MG/KG	A	MG/KG	A	MG/KG	A
CAS #	Parameter	26364	VAL	26463	VAL	26463	VAL	26463	VAL	26463	VAL	26463	VAL
57-12-5	Cyanide (CN)	0.12	U	0.14	J	0.19	J	0.14	J	0.24	J	0.11	J

NAVAL WEAPONS STATION
NAVAL WEAPONS STATION (SOIL)
SOIL SAMPLES

CYANIDE													
	SAMPLE ID ------->	018-S-G002-02		018-S-G002-03		018-S-G002-04		018-S-G003-01		018-S-G003-02		018-S-G003-03	
	ORIGINAL ID ----->	018SG00202		018SG00203		018SG00204		018SG00301		018SG00302		018SG00303	
	LAB SAMPLE ID --->	26463.02		26463.03		26463.04		26421.05		26421.08		26421.09	
	ID FROM REPORT -->	018SG00202		018SG00203		018SG00204		018SG00301		018SG00302		018SG00303	
	SAMPLE DATE ----->	07/29/96		07/29/96		07/29/96		07/25/96		07/25/96		07/25/96	
	DATE EXTRACTED -->	08/08/96		08/08/96		08/08/96		08/01/96		08/01/96		08/01/96	
	DATE ANALYZED --->	08/10/96		08/10/96		08/10/96		08/03/96		08/03/96		08/03/96	
	MATRIX ---------->	Soil		Soil		Soil		Soil		Soil		Soil	
	UNITS ---------->	MG/KG	A	MG/KG	A	MG/KG	A	MG/KG	A	MG/KG	A	MG/KG	A
CAS #	Parameter	26463	VAL	26463	VAL	26463	VAL	26421	VAL	26421	VAL	26421	VAL
57-12-5	Cyanide (CN)	0.31	J	0.11	U	0.1	U	0.2	U	0.16	U	0.11	U

NAVAL WEAPONS STATION
NAVAL WEAPONS STATION (SOIL)
SOIL SAMPLES

CYANIDE													
	SAMPLE ID ------->	018-S-G003-04		018-S-G004-01		018-S-G004-02		018-S-G004-03		018-S-G004-04		018-S-G005-01	
	ORIGINAL ID ----->	018SG00304		018SG00401		018SG00402		018SG00403		018SG00404		018SG00501	
	LAB SAMPLE ID --->	26421.10		26421.11		26421.12		26421.13		26421.14		26473.05	
	ID FROM REPORT -->	018SG00304		018SG00401		018SG00402		018SG00403		018SG00404		018SG00501	
	SAMPLE DATE ----->	07/25/96		07/25/96		07/25/96		07/25/96		07/25/96		07/30/96	
	DATE EXTRACTED -->	08/01/96		08/01/96		08/01/96		08/01/96		08/01/96		08/08/96	
	DATE ANALYZED --->	08/03/96		08/03/96		08/03/96		08/03/96		08/03/96		08/10/96	
	MATRIX ---------->	Soil		Soil		Soil		Soil		Soil		Soil	
	UNITS ---------->	MG/KG	A	MG/KG	A	MG/KG	A	MG/KG	A	MG/KG	A	MG/KG	A
CAS #	Parameter	26421	VAL	26421	VAL	26421	VAL	26421	VAL	26421	VAL	26473	VAL
57-12-5	Cyanide (CN)	0.12	U	0.15	U	0.13	U	0.17	U	0.2	U	0.13	U

NAVAL WEAPONS STATION
NAVAL WEAPONS STATION (SOIL)
SOIL SAMPLES

CYANIDE													
	SAMPLE ID ------->	018-S-G005-02		018-S-G005-03		018-S-G005-04		018-S-G006-01		018-S-G006-02		018-S-G006-03	
	ORIGINAL ID ----->	018SG00502		018SG00503		018SG00504		018SG00601		018SG00602		018SG00603	
	LAB SAMPLE ID --->	26473.08		26473.09		26473.10		26473.01		26473.02		26473.03	
	ID FROM REPORT -->	018SG00502		018SG00503		018SG00504		018SG00601		018SG00602		018SG00603	
	SAMPLE DATE ----->	07/30/96		07/30/96		07/30/96		07/30/96		07/30/96		07/30/96	
	DATE EXTRACTED -->	08/08/96		08/08/96		08/08/96		08/08/96		08/08/96		08/08/96	
	DATE ANALYZED --->	08/10/96		08/10/96		08/10/96		08/10/96		08/10/96		08/10/96	
	MATRIX ---------->	Soil		Soil		Soil		Soil		Soil		Soil	
	UNITS ---------->	MG/KG	A	MG/KG	A	MG/KG	A	MG/KG	A	MG/KG	A	MG/KG	A
CAS #	Parameter	26473	VAL	26473	VAL	26473	VAL	26473	VAL	26473	VAL	26473	VAL
57-12-5	Cyanide (CN)	0.13	U	0.11	U	0.12	U	0.13	U	0.11	U	0.19	U

NAVAL WEAPONS STATION
NAVAL WEAPONS STATION (SOIL)
SOIL SAMPLES

CYANIDE													
	SAMPLE ID ------->	018-S-G006-04		018-S-G007-01		018-S-G007-02		018-S-G007-03		018-S-G007-04		018-S-G011-01	
	ORIGINAL ID ----->	018SG00604		018SG00701		018SG00702		018SG00703		018SG00704		018SG01101	
	LAB SAMPLE ID --->	26473.04		26463.11		26463.14		26463.15		26463.16		26421.15	
	ID FROM REPORT -->	018SG00604		018SG00701		018SG00702		018SG00703		018SG00704		018SG01101	
	SAMPLE DATE ----->	07/30/96		07/29/96		07/29/96		07/29/96		07/29/96		07/25/96	
	DATE EXTRACTED -->	08/08/96		08/08/96		08/08/96		08/08/96		08/08/96		08/01/96	
	DATE ANALYZED --->	08/10/96		08/10/96		08/10/96		08/10/96		08/10/96		08/03/96	
	MATRIX ---------->	Soil		Soil		Soil		Soil		Soil		Soil	
	UNITS ---------->	MG/KG	A	MG/KG	A	MG/KG	A	MG/KG	A	MG/KG	A	MG/KG	A
CAS #	Parameter	26473	VAL	26463	VAL	26463	VAL	26463	VAL	26463	VAL	26421	VAL
57-12-5	Cyanide (CN)	0.19	U	0.13	J	0.1	U	0.11	J	0.13	J	0.15	U

NAVAL WEAPONS STATION
NAVAL WEAPONS STATION (SOIL)
SOIL SAMPLES

CYANIDE												
		SAMPLE ID ------->	018-S-G011-02		018-S-G011-03		018-S-G011-04					
		ORIGINAL ID ----->	018SG01102		018SG01103		018SG01104					
		LAB SAMPLE ID --->	26421.16		26421.17		26421.18					
		ID FROM REPORT -->	018SG01102		018SG01103		018SG01104					
		SAMPLE DATE ----->	07/25/96		07/25/96		07/25/96					
		DATE EXTRACTED -->	08/01/96		08/01/96		08/01/96					
		DATE ANALYZED --->	08/03/96		08/03/96		08/03/96					
		MATRIX ---------->	Soil		Soil		Soil					
		UNITS ---------->	MG/KG	A	MG/KG	A	MG/KG	A				
CAS #	Parameter		26421	VAL	26421	VAL	26421	VAL				
57-12-5	Cyanide (CN)		0.13	U	0.11	U	0.3	U				

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EXPLOSIVES													
	SAMPLE ID ------->	018-S-B001-01		018-S-B001-02		018-S-B001-03		018-S-B002-01		018-S-B002-02		018-S-B002-03	
	ORIGINAL ID ----->	018SB00101		018SB00102		018SB00103		018SB00201		018SB00202		018SB00203	
	LAB SAMPLE ID --->	5915-02		5915-03		5915-04		5915-05		5915-06		5915-07	
	ID FROM REPORT -->	018SB00101		018SB00102		018SB00103		018SB00201		018SB00202		018SB00203	
	SAMPLE DATE ----->	07/17/96		07/17/96		07/17/96		07/17/96		07/17/96		07/17/96	
	DATE EXTRACTED -->	07/26/96		07/26/96		07/26/96		07/26/96		07/26/96		07/26/96	
	DATE ANALYZED --->	08/09/96		08/09/96		08/09/96		08/09/96		08/09/96		08/09/96	
	MATRIX ---------->	Soil		Soil		Soil		Soil		Soil		Soil	
	UNITS ---------->	UG/KG	A	UG/KG	A	UG/KG	A	UG/KG	A	UG/KG	A	UG/KG	A
CAS #	Parameter	5915	VAL	5915	VAL	5915	VAL	5915	VAL	5915	VAL	5915	VAL
118-96-7	Trinitrotoluene, 2,4,6- (TNT)	498.	U	495.	U	500.	U	498.	U	495.	U	495.	U
121-14-2	2,4-Dinitrotoluene	498.	U	495.	U	500.	U	498.	U	495.	U	495.	U
121-82-4	RDX (Cyclonite)	498.	U	495.	U	500.	U	498.	U	495.	U	495.	U
25377-32-6	1,3,5-Trinitrobenzene	498.	U	495.	U	500.	U	498.	U	495.	U	495.	U
2691-41-0	HMX	498.	U	495.	U	500.	U	498.	U	495.	U	495.	U

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EXPLOSIVES													
	SAMPLE ID ------->	018-S-B002-04		018-S-B002-05		018-S-B003-01		018-S-B003-02		018-S-B003-03		018-S-B003-04	
	ORIGINAL ID ----->	018SB00204		018SB00205		018SB00301		018SB00302		018SB00303		018SB00304	
	LAB SAMPLE ID --->	5915-08		6002-02		5922-02		5922-03		5922-04		5922-05	
	ID FROM REPORT -->	018SB00204		018SB00205		018SB00301		018SB00302		018SB00303		018SB00304	
	SAMPLE DATE ----->	07/17/96		08/01/96		07/18/96		07/18/96		07/18/96		07/18/96	
	DATE EXTRACTED -->	07/26/96		08/08/96		07/26/96		07/26/96		07/26/96		07/26/96	
	DATE ANALYZED --->	08/09/96		08/22/96		08/09/96		08/09/96		08/09/96		08/09/96	
	MATRIX ---------->	Soil		Soil		Soil		Soil		Soil		Soil	
	UNITS ---------->	UG/KG	A	UG/KG	A	UG/KG	A	UG/KG	A	UG/KG	A	UG/KG	A
CAS #	Parameter	5915	VAL	6002	VAL	5915	VAL	5915	VAL	5915	VAL	5915	VAL
118-96-7	Trinitrotoluene, 2,4,6- (TNT)	495.	U	493.	U	493.	U	493.	U	490.	U	495.	U
121-14-2	2,4-Dinitrotoluene	495.	U	493.	U	493.	U	493.	U	490.	U	495.	U
121-82-4	RDX (Cyclonite)	495.	U	493.	U	493.	U	493.	U	490.	U	495.	U
25377-32-6	1,3,5-Trinitrobenzene	495.	U	493.	U	493.	U	493.	U	490.	U	495.	U
2691-41-0	HMX	495.	U	493.	U	493.	U	493.	U	490.	U	495.	U

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EXPLOSIVES													
	SAMPLE ID ------->	018-S-B003-05		018-S-B003-06		018-S-B004-01		018-S-B004-02		018-S-B004-03		018-S-B005-01	
	ORIGINAL ID ----->	018SB00305		018SB00306		018SB00401		018SB00402		018SB00403		018SB00501	
	LAB SAMPLE ID --->	5922-06		5995-06		5922-07		5922-08		5922-09		5922-10	
	ID FROM REPORT -->	018SB00305		018SB00306		018SB00401		018SB00402		018SB00403		018SB00501	
	SAMPLE DATE ----->	07/18/96		07/31/96		07/18/96		07/18/96		07/18/96		07/18/96	
	DATE EXTRACTED -->	07/26/96		08/08/96		07/26/96		07/26/96		07/26/96		07/26/96	
	DATE ANALYZED --->	08/09/96		08/22/96		08/09/96		08/09/96		08/09/96		08/09/96	
	MATRIX ---------->	Soil		Soil		Soil		Soil		Soil		Soil	
	UNITS ---------->	UG/KG	A	UG/KG	A	UG/KG	A	UG/KG	A	UG/KG	A	UG/KG	A
CAS #	Parameter	5915	VAL	5985	VAL	5915	VAL	5915	VAL	5915	VAL	5915	VAL
118-96-7	Trinitrotoluene, 2,4,6- (TNT)	495.	U	495.	U	493.	U	498.	U	493.	U	493.	U
121-14-2	2,4-Dinitrotoluene	495.	U	495.	U	493.	U	498.	U	493.	U	493.	U
121-82-4	RDX (Cyclonite)	495.	U	495.	U	493.	U	498.	U	493.	U	493.	U
25377-32-6	1,3,5-Trinitrobenzene	495.	U	495.	U	493.	U	498.	U	493.	U	493.	U
2691-41-0	HMX	495.	U	495.	U	493.	U	498.	U	493.	U	493.	U

NAVAL WEAPONS STATION
NAVAL WEAPONS STATION (SOIL)
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EXPLOSIVES													
	SAMPLE ID ------->	018-S-B005-02		018-S-B005-03		018-S-B005-04		018-S-B005-05		018-S-B006-01		018-S-B006-02	
	ORIGINAL ID ----->	018SB00502		018SB00503		018SB00504		018SB00505		018SB00601		018SB00602	
	LAB SAMPLE ID --->	5922-11		5922-12		5922-13		5922-14		5964-01		5964-02	
	ID FROM REPORT -->	018SB00502		018SB00503		018SB00504		018SB00505		018SB00601		018SB00602	
	SAMPLE DATE ----->	07/18/96		07/18/96		07/18/96		07/18/96		07/25/96		07/25/96	
	DATE EXTRACTED -->	07/26/96		07/26/96		07/26/96		07/26/96		08/02/96		08/02/96	
	DATE ANALYZED --->	08/09/96		08/09/96		08/09/96		08/09/96		08/21/96		08/21/96	
	MATRIX ---------->	Soil		Soil		Soil		Soil		Soil		Soil	
	UNITS ---------->	UG/KG	A	UG/KG	A	UG/KG	A	UG/KG	A	UG/KG	A	UG/KG	A
CAS #	Parameter	5915	VAL	5915	VAL	5915	VAL	5915	VAL	5964	VAL	5964	VAL
118-96-7	Trinitrotoluene, 2,4,6- (TNT)	493.	U	498.	U	490.	U	490.	U	500.	U	500.	U
121-14-2	2,4-Dinitrotoluene	493.	U	498.	U	490.	U	490.	U	500.	U	500.	U
121-82-4	RDX (Cyclonite)	493.	U	498.	U	490.	U	490.	U	500.	U	500.	U
25377-32-6	1,3,5-Trinitrobenzene	493.	U	498.	U	490.	U	490.	U	500.	U	500.	U
2691-41-0	HMX	493.	U	498.	U	490.	U	490.	U	500.	U	500.	U

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EXPLOSIVES													
	SAMPLE ID ------->	018-S-B006-03		018-S-B006-04		018-S-B007-01		018-S-B007-02		018-S-B007-03		018-S-B007-04	
	ORIGINAL ID ----->	018SB00603		018SB00604		018SB00701		018SB00702		018SB00703		018SB00704	
	LAB SAMPLE ID --->	5964-03		5964-04		5952-06		5952-08		5952-09		5952-10	
	ID FROM REPORT -->	018SB00603		018SB00604		018SB00701		018SB00702		018SB00703		018SB00704	
	SAMPLE DATE ----->	07/25/96		07/25/96		07/23/96		07/23/96		07/23/96		07/23/96	
	DATE EXTRACTED -->	08/02/96		08/02/96		08/02/96		08/02/96		08/02/96		08/02/96	
	DATE ANALYZED --->	08/21/96		08/21/96		08/20/96		08/20/96		08/20/96		08/20/96	
	MATRIX ---------->	Soil		Soil		Soil		Soil		Soil		Soil	
	UNITS ---------->	UG/KG	A	UG/KG	A	UG/KG	A	UG/KG	A	UG/KG	A	UG/KG	A
CAS #	Parameter	5964	VAL	5964	VAL	5952	VAL	5952	VAL	5952	VAL	5952	VAL
118-96-7	Trinitrotoluene, 2,4,6- (TNT)	498.	U	500.	U	493.	U	500.	U	498.	U	495.	U
121-14-2	2,4-Dinitrotoluene	498.	U	500.	U	493.	U	500.	U	??????????		495.	U
121-82-4	RDX (Cyclonite)	498.	U	500.	U	493.	U	500.	U	498.	U	495.	U
25377-32-6	1,3,5-Trinitrobenzene	498.	U	500.	U	493.	U	500.	U	498.	U	495.	U
2691-41-0	HMX	498.	U	500.	U	493.	U	500.	U	498.	U	495.	U

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EXPLOSIVES													
	SAMPLE ID ------->	018-S-B008-01		018-S-B008-02		018-S-B008-03		018-S-B008-04		018-S-B009-01		018-S-B010-01	
	ORIGINAL ID ----->	018SB00801		018SB00802		018SB00803		018SB00804		018SB00901		018SB01001	
	LAB SAMPLE ID --->	5958-01		5958-03		5958-04		5958-05		5958-08		5958-15	
	ID FROM REPORT -->	018SB00801		018SB00802		018SB00803		018SB00804		018SB00901		018SB01001	
	SAMPLE DATE ----->	07/24/96		07/24/96		07/24/96		07/24/96		07/24/96		07/24/96	
	DATE EXTRACTED -->	08/02/96		08/02/96		08/02/96		08/02/96		08/02/96		08/02/96	
	DATE ANALYZED --->	08/20/96		08/20/96		08/20/96		08/20/96		08/20/96		08/20/96	
	MATRIX ---------->	Soil		Soil		Soil		Soil		Soil		Soil	
	UNITS ---------->	UG/KG	A	UG/KG	A	UG/KG	A	UG/KG	A	UG/KG	A	UG/KG	A
CAS #	Parameter	5952	VAL	5952	VAL	5952	VAL	5952	VAL	5952	VAL	5952	VAL
118-96-7	Trinitrotoluene, 2,4,6- (TNT)	500.	U	500.	U	498.	U	500.	U	500.	U	498.	U
121-14-2	2,4-Dinitrotoluene	500.	U	500.	U	498.	U	500.	U	500.	U	498.	U
121-82-4	RDX (Cyclonite)	500.	U	500.	U	498.	U	500.	U	500.	U	498.	U
25377-32-6	1,3,5-Trinitrobenzene	500.	U	500.	U	498.	U	500.	U	500.	U	498.	U
2691-41-0	HMX	500.	U	500.	U	498.	U	500.	U	500.	U	498.	U

NAVAL WEAPONS STATION
NAVAL WEAPONS STATION (SOIL)
SOIL SAMPLES

EXPLOSIVES													
	SAMPLE ID ------->	018-S-B010-02		018-S-B010-03		018-S-B010-04		018-S-B011-01		018-S-B011-02		018-S-B011-03	
	ORIGINAL ID ----->	018SB01002		018SB01003		018SB01004		018SB01101		018SB01102		018SB01103	
	LAB SAMPLE ID --->	5958-16		5958-17		5958-18		5932-01		5932-02		5932-04	
	ID FROM REPORT -->	018SB01002		018SB01003		018SB01004		018SB01101		018SB01102		018SB01103	
	SAMPLE DATE ----->	07/24/96		07/24/96		07/24/96		07/19/96		07/19/96		07/19/96	
	DATE EXTRACTED -->	08/02/96		08/02/96		08/02/96		07/26/96		07/26/96		07/26/96	
	DATE ANALYZED --->	08/20/96		08/20/96		08/20/96		07/31/96		07/31/96		07/31/96	
	MATRIX ---------->	Soil		Soil		Soil		Soil		Soil		Soil	
	UNITS ---------->	UG/KG	A	UG/KG	A	UG/KG	A	UG/KG	A	UG/KG	A	UG/KG	A
CAS #	Parameter	5952	VAL	5952	VAL	5952	VAL	5932	VAL	5932	VAL	5932	VAL
118-96-7	Trinitrotoluene, 2,4,6- (TNT)	498.	U	495.	U	500.	U	500.	U	500.	U	493.	U
121-14-2	2,4-Dinitrotoluene	498.	U	495.	U	500.	U	500.	U	500.	U	493.	U
121-82-4	RDX (Cyclonite)	498.	U	495.	U	500.	U	500.	U	500.	U	493.	U
25377-32-6	1,3,5-Trinitrobenzene	498.	U	495.	U	500.	U	500.	U	500.	U	493.	U
2691-41-0	HMX	498.	U	495.	U	500.	U	500.	U	500.	U	493.	U

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EXPLOSIVES													
	SAMPLE ID ------->	018-S-B011-04		018-S-B012-01		018-S-B012-02		018-S-B012-03		018-S-B012-04		018-S-B013-01	
	ORIGINAL ID ----->	018SB01104		018SB01201		018SB01202		018SB01203		018SB01204		018SB01301	
	LAB SAMPLE ID --->	5932-05		5932-06		5932-08		5932-09		5932-10		5932-11	
	ID FROM REPORT -->	018SB01104		018SB01201		018SB01202		018SB01203		018SB01204		018SB01301	
	SAMPLE DATE ----->	07/19/96		07/19/96		07/19/96		07/19/96		07/19/96		07/19/96	
	DATE EXTRACTED -->	07/26/96		07/26/96		07/26/96		07/26/96		07/26/96		07/26/96	
	DATE ANALYZED --->	07/31/96		07/31/96		07/31/96		07/31/96		07/31/96		07/31/96	
	MATRIX ---------->	Soil		Soil		Soil		Soil		Soil		Soil	
	UNITS ---------->	UG/KG	A	UG/KG	A	UG/KG	A	UG/KG	A	UG/KG	A	UG/KG	A
CAS #	Parameter	5932	VAL	5932	VAL	5932	VAL	5932	VAL	5932	VAL	5932	VAL
118-96-7	Trinitrotoluene, 2,4,6- (TNT)	493.	U	500.	U	500.	U	495.	U	495.	U	498.	U
121-14-2	2,4-Dinitrotoluene	493.	U	500.	U	500.	U	495.	U	495.	U	498.	U
121-82-4	RDX (Cyclonite)	493.	U	500.	U	500.	U	495.	U	495.	U	498.	U
25377-32-6	1,3,5-Trinitrobenzene	493.	U	500.	U	500.	U	495.	U	495.	U	498.	U
2691-41-0	HMX	493.	U	500.	U	500.	U	495.	U	495.	U	498.	U

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EXPLOSIVES													
	SAMPLE ID ------->	018-S-B013-02		018-S-B013-03		018-S-B013-04		018-S-B014-01		018-S-B014-02		018-S-B014-03	
	ORIGINAL ID ----->	018SB01302		018SB01303		018SB01304		018SB01401		018SB01402		018SB01403	
	LAB SAMPLE ID --->	5932-12		5932-13		5932-14		5938-09		5938-11		5938-12	
	ID FROM REPORT -->	018SB01302		018SB01303		018SB01304		018SB01401		018SB01402		018SB01403	
	SAMPLE DATE ----->	07/19/96		07/19/96		07/19/96		07/22/96		07/22/96		07/22/96	
	DATE EXTRACTED -->	07/26/96		07/26/96		07/26/96		07/26/96		07/26/96		07/26/96	
	DATE ANALYZED --->	07/31/96		07/31/96		07/31/96		07/31/96		07/31/96		07/31/96	
	MATRIX ---------->	Soil		Soil		Soil		Soil		Soil		Soil	
	UNITS ---------->	UG/KG	A	UG/KG	A	UG/KG	A	UG/KG	A	UG/KG	A	UG/KG	A
CAS #	Parameter	5932	VAL	5932	VAL	5932	VAL	5938	VAL	5938	VAL	5938	VAL
118-96-7	Trinitrotoluene, 2,4,6- (TNT)	500.	U	493.	U	493.	U	500.	U	500.	U	493.	U
121-14-2	2,4-Dinitrotoluene	500.	U	493.	U	493.	U	500.	U	500.	U	493.	U
121-82-4	RDX (Cyclonite)	500.	U	493.	U	493.	U	500.	U	500.	U	493.	U
25377-32-6	1,3,5-Trinitrobenzene	500.	U	493.	U	493.	U	500.	U	500.	U	493.	U
2691-41-0	HMX	500.	U	493.	U	493.	U	500.	U	500.	U	493.	U

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EXPLOSIVES													
	SAMPLE ID ------->	018-S-B014-04		018-S-B015-01		018-S-B015-02		018-S-B015-03		018-S-B015-04		018-S-B016-01	
	ORIGINAL ID ----->	018SB01404		018SB01501		018SB01502		018SB01503		018SB01504		018SB01601	
	LAB SAMPLE ID --->	5938-13		5952-01		5952-03		5952-04		5952-05		5938-05	
	ID FROM REPORT -->	018SB01404		018SB01501		018SB01502		018SB01503		018SB01504		018SB01601	
	SAMPLE DATE ----->	07/22/96		07/23/96		07/23/96		07/23/96		07/23/96		07/22/96	
	DATE EXTRACTED -->	07/26/96		08/02/96		08/02/96		08/02/96		08/02/96		07/26/96	
	DATE ANALYZED --->	07/31/96		08/20/96		08/20/96		08/20/96		08/20/96		07/31/96	
	MATRIX ---------->	Soil		Soil		Soil		Soil		Soil		Soil	
	UNITS ---------->	UG/KG	A	UG/KG	A	UG/KG	A	UG/KG	A	UG/KG	A	UG/KG	A
CAS #	Parameter	5938	VAL	5952	VAL	5952	VAL	5952	VAL	5952	VAL	5938	VAL
118-96-7	Trinitrotoluene, 2,4,6- (TNT)	498.	U	495.	U	498.	U	498.	U	495.	U	495.	U
121-14-2	2,4-Dinitrotoluene	498.	U	495.	U	498.	U	498.	U	495.	U	495.	U
121-82-4	RDX (Cyclonite)	498.	U	495.	U	498.	U	498.	U	495.	U	495.	U
25377-32-6	1,3,5-Trinitrobenzene	498.	U	495.	U	498.	U	498.	U	495.	U	495.	U
2691-41-0	HMX	498.	U	495.	U	498.	U	498.	U	495.	U	495.	U

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EXPLOSIVES													
	SAMPLE ID ------->	018-S-B016-02		018-S-B017-01		018-S-B017-02		018-S-B017-03		018-S-B017-04		018-S-B018-01	
	ORIGINAL ID ----->	018SB01602		018SB01701		018SB01702		018SB01703		018SB01704		018SB01801	
	LAB SAMPLE ID --->	5938-06		5958-10		5958-12		5958-13		5958-14		5938-01	
	ID FROM REPORT -->	018SB01602		018SB01701		018SB01702		018SB01703		018SB01704		018SB01801	
	SAMPLE DATE ----->	07/22/96		07/24/96		07/24/96		07/24/96		07/24/96		07/22/96	
	DATE EXTRACTED -->	07/26/96		08/02/96		08/02/96		08/02/96		08/02/96		07/26/96	
	DATE ANALYZED --->	07/31/96		08/20/96		08/20/96		08/20/96		08/20/96		07/31/96	
	MATRIX ---------->	Soil		Soil		Soil		Soil		Soil		Soil	
	UNITS ---------->	UG/KG	A	UG/KG	A	UG/KG	A	UG/KG	A	UG/KG	A	UG/KG	A
CAS #	Parameter	5938	VAL	5952	VAL	5952	VAL	5952	VAL	5952	VAL	5938	VAL
118-96-7	Trinitrotoluene, 2,4,6- (TNT)	500.	U	495.	U	500.	U	500.	U	498.	U	493.	U
121-14-2	2,4-Dinitrotoluene	500.	U	495.	U	500.	U	500.	U	498.	U	493.	U
121-82-4	RDX (Cyclonite)	500.	U	495.	U	500.	U	500.	U	498.	U	493.	U
25377-32-6	1,3,5-Trinitrobenzene	500.	U	495.	U	500.	U	500.	U	498.	U	493.	U
2691-41-0	HMX	500.	U	495.	U	500.	U	500.	U	498.	U	493.	U

NAVAL WEAPONS STATION
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EXPLOSIVES													
	SAMPLE ID ------->	018-S-B018-02		018-S-B018-03		018-S-B018-04		018-S-B019-01		018-S-B019-02		018-S-B019-03	
	ORIGINAL ID ----->	018SB01802		018SB01803		018SB01804		018SB01901		018SB01902		018SB01903	
	LAB SAMPLE ID --->	5938-02		5938-03		5938-04		5938-14		5938-15		5938-07	
	ID FROM REPORT -->	018SB01802		018SB01803		018SB01804		018SB01901		018SB01902		018SB01903	
	SAMPLE DATE ----->	07/22/96		07/22/96		07/22/96		07/22/96		07/22/96		07/22/96	
	DATE EXTRACTED -->	07/26/96		07/26/96		07/26/96		07/26/96		07/26/96		07/26/96	
	DATE ANALYZED --->	07/31/96		07/31/96		07/31/96		07/31/96		07/31/96		07/31/96	
	MATRIX ---------->	Soil		Soil		Soil		Soil		Soil		Soil	
	UNITS ---------->	UG/KG	A	UG/KG	A	UG/KG	A	UG/KG	A	UG/KG	A	UG/KG	A
CAS #	Parameter	5938	VAL	5938	VAL	5938	VAL	5938	VAL	5938	VAL	5938	VAL
118-96-7	Trinitrotoluene, 2,4,6- (TNT)	500.	U	493.	U	500.	U	498.	U	495.	U	493.	U
121-14-2	2,4-Dinitrotoluene	500.	U	493.	U	500.	U	498.	U	495.	U	493.	U
121-82-4	RDX (Cyclonite)	500.	U	493.	U	500.	U	498.	U	495.	U	493.	U
25377-32-6	1,3,5-Trinitrobenzene	500.	U	493.	U	500.	U	498.	U	495.	U	493.	U
2691-41-0	HMX	500.	U	493.	U	500.	U	498.	U	495.	U	493.	U

NAVAL WEAPONS STATION
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EXPLOSIVES													
	SAMPLE ID ------->	018-S-B019-04		018-S-G001-01		018-S-G001-02		018-S-G001-03		018-S-G001-04		018-S-G002-01	
	ORIGINAL ID ----->	018SB01904		018SG00101		018SG00102		018SG00103		018SG00104		018SG00201	
	LAB SAMPLE ID --->	5938-08		5978-06		5978-07		5978-08		5978-09		5978-01	
	ID FROM REPORT -->	018SB01904		018SG00101		018SG00102		018SG00103		018SG00104		018SG00201	
	SAMPLE DATE ----->	07/22/96		07/29/96		07/29/96		07/29/96		07/29/96		07/29/96	
	DATE EXTRACTED -->	07/26/96		08/08/96		08/08/96		08/08/96		08/08/96		08/08/96	
	DATE ANALYZED --->	07/31/96		08/21/96		08/21/96		08/22/96		08/22/96		08/21/96	
	MATRIX ---------->	Soil		Soil		Soil		Soil		Soil		Soil	
	UNITS ---------->	UG/KG	A	UG/KG	A	UG/KG	A	UG/KG	A	UG/KG	A	UG/KG	A
CAS #	Parameter	5938	VAL	5978	VAL	5978	VAL	5978	VAL	5978	VAL	5978	VAL
118-96-7	Trinitrotoluene, 2,4,6- (TNT)	493.	U	493.	U	498.	U	498.	U	495.	U	498.	U
121-14-2	2,4-Dinitrotoluene	493.	U	493.	U	498.	U	498.	U	495.	U	498.	U
121-82-4	RDX (Cyclonite)	493.	U	493.	U	498.	U	498.	U	495.	U	498.	U
25377-32-6	1,3,5-Trinitrobenzene	493.	U	493.	U	498.	U	498.	U	495.	U	498.	U
2691-41-0	HMX	493.	U	493.	U	498.	U	498.	U	495.	U	498.	U

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EXPLOSIVES													
	SAMPLE ID ------->	018-S-G002-02		018-S-G002-03		018-S-G002-04		018-S-G003-01		018-S-G003-02		018-S-G003-03	
	ORIGINAL ID ----->	018SG00202		018SG00203		018SG00204		018SG00301		018SG00302		018SG00303	
	LAB SAMPLE ID --->	5978-03		5978-04		5978-05		5964-05		5964-06		5964-07	
	ID FROM REPORT -->	018SG00202		018SG00203		018SG00204		018SG00301		018SG00302		018SG00303	
	SAMPLE DATE ----->	07/29/96		07/29/96		07/29/96		07/25/96		07/25/96		07/25/96	
	DATE EXTRACTED -->	08/08/96		08/08/96		08/08/96		08/02/96		08/02/96		08/02/96	
	DATE ANALYZED --->	08/21/96		08/21/96		08/21/96		08/21/96		08/21/96		08/21/96	
	MATRIX ---------->	Soil		Soil		Soil		Soil		Soil		Soil	
	UNITS ---------->	UG/KG	A	UG/KG	A	UG/KG	A	UG/KG	A	UG/KG	A	UG/KG	A
CAS #	Parameter	5978	VAL	5978	VAL	5978	VAL	5964	VAL	5964	VAL	5964	VAL
118-96-7	Trinitrotoluene, 2,4,6- (TNT)	495.	U	495.	U	495.	U	498.	U	498.	U	500.	U
121-14-2	2,4-Dinitrotoluene	495.	U	495.	U	495.	U	498.	U	498.	U	500.	U
121-82-4	RDX (Cyclonite)	495.	U	495.	U	495.	U	498.	U	498.	U	500.	U
25377-32-6	1,3,5-Trinitrobenzene	495.	U	495.	U	495.	U	498.	UJ	498.	U	500.	U
2691-41-0	HMX	495.	U	495.	U	495.	U	498.	U	498.	U	500.	U

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NAVAL WEAPONS STATION (SOIL)
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EXPLOSIVES													
	SAMPLE ID ------->	018-S-G003-04		018-S-G004-01		018-S-G004-02		018-S-G004-03		018-S-G004-04		018-S-G005-01	
	ORIGINAL ID ----->	018SG00304		018SG00401		018SG00402		018SG00403		018SG00404		018SG00501	
	LAB SAMPLE ID --->	5964-08		5964-09		5964-11		5964-12		5964-13		5985-06	
	ID FROM REPORT -->	018SG00304		018SG00401		018SG00402		018SG00403		018SG00404		018SG00501	
	SAMPLE DATE ----->	07/25/96		07/25/96		07/25/96		07/25/96		07/25/96		07/30/96	
	DATE EXTRACTED -->	08/02/96		08/02/96		08/02/96		08/02/96		08/02/96		08/08/96	
	DATE ANALYZED --->	08/21/96		08/21/96		08/21/96		08/21/96		08/21/96		08/22/96	
	MATRIX ---------->	Soil		Soil		Soil		Soil		Soil		Soil	
	UNITS ---------->	UG/KG	A	UG/KG	A	UG/KG	A	UG/KG	A	UG/KG	A	UG/KG	A
CAS #	Parameter	5964	VAL	5964	VAL	5964	VAL	5964	VAL	5964	VAL	5985	VAL
118-96-7	Trinitrotoluene, 2,4,6- (TNT)	500.	U	500.	U	500.	U	498.	U	500.	U	498.	U
121-14-2	2,4-Dinitrotoluene	500.	U	500.	U	500.	U	498.	U	500.	U	498.	U
121-82-4	RDX (Cyclonite)	500.	U	500.	U	500.	U	498.	U	500.	U	498.	U
25377-32-6	1,3,5-Trinitrobenzene	500.	U	500.	U	500.	U	498.	U	500.	U	498.	U
2691-41-0	HMX	500.	U	500.	U	500.	U	498.	U	500.	U	498.	U

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NAVAL WEAPONS STATION (SOIL)
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EXPLOSIVES													
	SAMPLE ID ------->	018-S-G005-02		018-S-G005-03		018-S-G005-04		018-S-G006-01		018-S-G006-02		018-S-G006-03	
	ORIGINAL ID ----->	018SG00502		018SG00503		018SG00504		018SG00601		018SG00602		018SG00603	
	LAB SAMPLE ID --->	5985-07		5985-08		5985-09		5985-01		5985-03		5985-04	
	ID FROM REPORT -->	018SG00502		018SG00503		018SG00504		018SG00601		018SG00602		018SG00603	
	SAMPLE DATE ----->	07/30/96		07/30/96		07/30/96		07/30/96		07/30/96		07/30/96	
	DATE EXTRACTED -->	08/08/96		08/08/96		08/08/96		08/08/96		08/08/96		08/08/96	
	DATE ANALYZED --->	08/22/96		08/22/96		08/22/96		08/22/96		08/22/96		08/22/96	
	MATRIX ---------->	Soil		Soil		Soil		Soil		Soil		Soil	
	UNITS ----------->	UG/KG	A	UG/KG	A	UG/KG	A	UG/KG	A	UG/KG	A	UG/KG	A
CAS #	Parameter	5985	VAL	5985	VAL	5985	VAL	5985	VAL	5985	VAL	5985	VAL
118-96-7	Trinitrotoluene, 2,4,6- (TNT)	495.	U	493.	U	498.	U	495.	U	500.	U	498.	U
121-14-2	2,4-Dinitrotoluene	495.	U	493.	U	498.	U	495.	U	500.	U	498.	U
121-82-4	RDX (Cyclonite)	495.	U	493.	U	498.	U	495.	U	500.	U	498.	U
25377-32-6	1,3,5-Trinitrobenzene	495.	U	493.	U	498.	U	495.	U	500.	U	498.	U
2691-41-0	HMX	495.	U	493.	U	498.	U	495.	U	500.	U	498.	U

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SOIL SAMPLES

EXPLOSIVES													
	SAMPLE ID ------->	018-S-G006-04		018-S-G007-01		018-S-G007-02		018-S-G007-03		018-S-G007-04		018-S-G008-01	
	ORIGINAL ID ----->	018SG00604		018SG00701		018SG00702		018SG00703		018SG00704		018SG00801	
	LAB SAMPLE ID --->	5985-05		5978-10		5978-11		5978-12		5978-13		5968-15	
	ID FROM REPORT -->	018SG00604		018SG00701		018SG00702		018SG00703		018SG00704		018SG00801	
	SAMPLE DATE ----->	07/30/96		07/29/96		07/29/96		07/29/96		07/29/96		07/26/96	
	DATE EXTRACTED -->	08/08/96		08/08/96		08/08/96		08/08/96		08/08/96		08/02/96	
	DATE ANALYZED --->	08/22/96		08/22/96		08/22/96		08/22/96		08/22/96		08/21/96	
	MATRIX ---------->	Soil		Soil		Soil		Soil		Soil		Soil	
	UNITS ---------->	UG/KG	A	UG/KG	A	UG/KG	A	UG/KG	A	UG/KG	A	UG/KG	A
CAS #	Parameter	5985	VAL	5978	VAL	5978	VAL	5978	VAL	5978	VAL	5968	VAL
118-96-7	Trinitrotoluene, 2,4,6- (TNT)	493.	U	500.	U	500.	U	498.	U	495.	U	500.	U
121-14-2	2,4-Dinitrotoluene	493.	U	500.	U	500.	U	498.	U	495.	U	500.	U
121-82-4	RDX (Cyclonite)	493.	U	500.	U	500.	U	498.	U	495.	U	500.	U
25377-32-6	1,3,5-Trinitrobenzene	493.	U	500.	U	500.	U	498.	U	495.	U	500.	U
2691-41-0	HMX	493.	U	500.	U	500.	U	498.	U	495.	U	500.	U

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EXPLOSIVES													
	SAMPLE ID ------->	018-S-G008-02		018-S-G008-03		018-S-G009-01		018-S-G009-02		018-S-G009-03		018-S-G009-04	
	ORIGINAL ID ----->	018SG00802		018SG00803		018SG00901		018SG00902		018SG00903		018SG00904	
	LAB SAMPLE ID --->	5968-17		5968-18		5968-11		5968-12		5968-13		5968-14	
	ID FROM REPORT -->	018SG00802		018SG00803		018SG00901		018SG00902		018SG00903		018SG00904	
	SAMPLE DATE ----->	07/26/96		07/26/96		07/26/96		07/26/96		07/26/96		07/26/96	
	DATE EXTRACTED -->	08/02/96		08/02/96		08/02/96		08/02/96		08/02/96		08/02/96	
	DATE ANALYZED --->	08/21/96		08/21/96		08/21/96		08/21/96		08/21/96		08/21/96	
	MATRIX ---------->	Soil		Soil		Soil		Soil		Soil		Soil	
	UNITS ---------->	UG/KG	A	UG/KG	A	UG/KG	A	UG/KG	A	UG/KG	A	UG/KG	A
CAS #	Parameter	5968	VAL	5968	VAL	5968	VAL	5968	VAL	5968	VAL	5968	VAL
118-96-7	Trinitrotoluene, 2,4,6- (TNT)	500.	U	498.	U	495.	U	495.	U	495.	U	498.	U
121-14-2	2,4-Dinitrotoluene	500.	U	498.	U	495.	U	495.	U	495.	U	498.	U
121-82-4	RDX (Cyclonite)	500.	U	498.	U	495.	U	495.	U	495.	U	498.	U
25377-32-6	1,3,5-Trinitrobenzene	500.	U	498.	U	495.	U	495.	U	495.	U	498.	U
2691-41-0	HMX	500.	U	498.	U	495.	U	495.	U	495.	U	498.	U

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EXPLOSIVES													
	SAMPLE ID ------->	018-S-G010-01		018-S-G010-02		018-S-G010-03		018-S-G010-04		018-S-G011-01		018-S-G011-02	
	ORIGINAL ID ----->	018SG01001		018SG01002		018SG01003		018SG01004		018SG01101		018SG01102	
	LAB SAMPLE ID --->	5968-06		5968-08		5968-09		5968-10		5964-14		5964-15	
	ID FROM REPORT -->	018SG01001		018SG01002		018SG01003		018SG01004		018SG01101		018SG01102	
	SAMPLE DATE ----->	07/26/96		07/26/96		07/26/96		07/26/96		07/25/96		07/25/96	
	DATE EXTRACTED -->	08/02/96		08/02/96		08/02/96		08/02/96		08/02/96		08/02/96	
	DATE ANALYZED --->	08/21/96		08/21/96		08/21/96		08/21/96		08/21/96		08/21/96	
	MATRIX ---------->	Soil		Soil		Soil		Soil		Soil		Soil	
	UNITS ---------->	UG/KG	A	UG/KG	A	UG/KG	A	UG/KG	A	UG/KG	A	UG/KG	A
CAS #	Parameter	5968	VAL	5968	VAL	5968	VAL	5968	VAL	5964	VAL	5964	VAL
118-96-7	Trinitrotoluene, 2,4,6- (TNT)	500.	U	500.	U	500.	U	500.	U	498.	U	498.	U
121-14-2	2,4-Dinitrotoluene	500.	U	500.	U	500.	U	500.	U	498.	U	498.	U
121-82-4	RDX (Cyclonite)	500.	U	500.	U	500.	U	500.	U	498.	U	498.	U
25377-32-6	1,3,5-Trinitrobenzene	500.	U	500.	U	500.	U	500.	U	498.	U	498.	U
2691-41-0	HMX	500.	U	500.	U	500.	U	500.	U	498.	U	498.	U

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EXPLOSIVES													
	SAMPLE ID ------->	018-S-G011-03		018-S-G011-04		018-S-G012-01		018-S-G012-02		018-S-G012-03		018-S-G012-04	
	ORIGINAL ID ----->	018SG01103		018SG01104		018SG01201		018SG01202		018SG01203		018SG01204	
	LAB SAMPLE ID --->	5964-16		5964-17		5968-01		5968-02		5968-04		5968-05	
	ID FROM REPORT -->	018SG01103		018SG01104		018SG01201		018SG01202		018SG01203		018SG01204	
	SAMPLE DATE ----->	07/25/96		07/25/96		07/26/96		07/26/96		07/26/96		07/26/96	
	DATE EXTRACTED -->	08/02/96		08/02/96		08/02/96		08/02/96		08/02/96		08/02/96	
	DATE ANALYZED --->	08/21/96		08/21/96		08/21/96		08/21/96		08/21/96		08/21/96	
	MATRIX ---------->	Soil		Soil		Soil		Soil		Soil		Soil	
	UNITS ---------->	UG/KG	A	UG/KG	A	UG/KG	A	UG/KG	A	UG/KG	A	UG/KG	A
CAS #	Parameter	5964	VAL	5964	VAL	5968	VAL	5968	VAL	5968	VAL	5968	VAL
118-96-7	Trinitrotoluene, 2,4,6- (TNT)	498.	U	500.	U	500.	U	500.	U	498.	U	495.	U
121-14-2	2,4-Dinitrotoluene	498.	U	500.	U	500.	U	500.	U	498.	U	495.	U
121-82-4	RDX (Cyclonite)	498.	U	500.	U	500.	U	500.	U	498.	U	495.	U
25377-32-6	1,3,5-Trinitrobenzene	498.	U	500.	U	500.	U	500.	U	498.	U	495.	U
2691-41-0	HMX	498.	U	500.	U	500.	U	500.	U	498.	U	495.	U

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METAL																	
	SAMPLE ID ------->	018-S-G008-01		018-S-G008-02		018-S-G008-03		018-S-G009-01		018-S-G009-02		018-S-G009-03	
	ORIGINAL ID ----->	018SG00801		018SG00802		018SG00803		018SG00901		018SG00902		018SG00903	
	LAB SAMPLE ID --->	26434.14		26434.15		26434.16		26434.09		26434.10		26434.11	
	ID FROM REPORT -->	018SG00801		018SG00802		018SG00803		018SG00901		018SG00902		018SG00903	
	SAMPLE DATE ----->	07/26/96		07/26/96		07/26/96		07/26/96		07/26/96		07/26/96	
	DATE EXTRACTED -->	08/01/96		08/01/96		08/01/96		08/01/96		08/01/96		08/01/96	
	DATE ANALYZED --->	08/05/96		08/05/96		08/05/96		08/05/96		08/05/96		08/05/96	
	MATRIX ---------->	Soil		Soil		Soil		Soil		Soil		Soil	
	UNITS ---------->	MG/KG	A	MG/KG	A	MG/KG	A	MG/KG	A	MG/KG	A	MG/KG	A
CAS #	Parameter	26434	VAL	26434	VAL	26434	VAL	26434	VAL	26434	VAL	26434	VAL
57-12-5	Cyanide (CN)	0.11	U	0.11	U	0.11	U	0.1	U	0.11	J	0.11	U

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METAL													
	SAMPLE ID ------->	018-S-G009-04		018-S-G010-01		018-S-G010-02		018-S-G010-03		018-S-G010-04		018-S-G012-01	
	ORIGINAL ID ----->	018SG00904		018SG01001		018SG01002		018SG01003		018SG01004		018SG01201	
	LAB SAMPLE ID --->	26434.12		26434.05		26434.06		26434.07		26434.08		26434.01	
	ID FROM REPORT -->	018SG00904		018SG01001		018SG01002		018SG01003		018SG01004		018SG01201	
	SAMPLE DATE ----->	07/26/96		07/26/96		07/26/96		07/26/96		07/26/96		07/26/96	
	DATE EXTRACTED -->	08/01/96		08/01/96		08/01/96		08/01/96		08/01/96		08/01/96	
	DATE ANALYZED --->	08/05/96		08/05/96		08/05/96		08/05/96		08/05/96		08/05/96	
	MATRIX ---------->	Soil		Soil		Soil		Soil		Soil		Soil	
	UNITS ---------->	MG/KG	A	MG/KG	A	MG/KG	A	MG/KG	A	MG/KG	A	MG/KG	A
CAS #	Parameter	26434	VAL	26434	VAL	26434	VAL	26434	VAL	26434	VAL	26434	VAL
57-12-5	Cyanide (CN)	0.12	U	0.11	U	0.11	U	0.11	U	0.11	U	0.12	J

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SOIL SAMPLES

METAL													
		SAMPLE ID ------->	018-S-G012-02			018-S-G012-03			018-S-G012-04					
		ORIGINAL ID ----->	018SG01202			018SG01203			018SG01204					
		LAB SAMPLE ID --->	26434.02			26434.03			26434.04					
		ID FROM REPORT -->	018SG01202			018SG01203			018SG01204					
		SAMPLE DATE ----->	07/26/96			07/26/96			07/26/96					
		DATE EXTRACTED -->	08/01/96			08/01/96			08/01/96					
		DATE ANALYZED --->	08/05/96			08/05/96			08/05/96					
		MATRIX ---------->	Soil			Soil			Soil					
		UNITS ----------->	MG/KG		A	MG/KG		A	MG/KG		A			
CAS #	Parameter		26434		VAL	26434		VAL	26434		VAL			
57-12-5	Cyanide (CN)		0.1		U	0.16		J	0.11		U			

NAVAL WEAPONS STATION
NAVAL WEAPONS STATION (SOIL)
SOIL SAMPLES

NITRATE													
	SAMPLE ID ------->	018-S-B001-01		018-S-B001-02		018-S-B001-03		018-S-B002-01		018-S-B002-02		018-S-B002-03	
	ORIGINAL ID ----->	018SB00101		018SB00102		018SB00103		018SB00201		018SB00202		018SB00203	
	LAB SAMPLE ID --->	26340.01		26340.02		26340.03		26340.05		26340.06		26340.07	
	ID FROM REPORT -->	018SB00101		018SB00102		018SB00103		018SB00201		018SB00202		018SB00203	
	SAMPLE DATE ----->	07/17/96		07/17/96		07/17/96		07/17/96		07/17/96		07/17/96	
	DATE ANALYZED --->	08/12/96		08/12/96		08/12/96		08/12/96		08/12/96		08/12/96	
	MATRIX ---------->	Soil		Soil		Soil		Soil		Soil		Soil	
	UNITS ---------->	MG/KG	A	MG/KG	A	MG/KG	A	MG/KG	A	MG/KG	A	MG/KG	A
CAS #	Parameter	26332	VAL	26332	VAL	26332	VAL	26332	VAL	26332	VAL	26332	VAL
9999000-01-1	Nitrate-Nitrite-N	1.11	U	1.18	U	1.21	U	1.09	U	1.04	U	1.04	U

NAVAL WEAPONS STATION
NAVAL WEAPONS STATION (SOIL)
SOIL SAMPLES

NITRATE													
	SAMPLE ID ------->	018-S-B002-04		018-S-B002-05		018-S-B003-01		018-S-B003-02		018-S-B003-03		018-S-B003-04	
	ORIGINAL ID ----->	018SB00204		018SB00205		018SB00301		018SB00302		018SB00303		018SB00304	
	LAB SAMPLE ID --->	26340.08		26510.01		26349.01		26349.02		26349.03		26349.04	
	ID FROM REPORT -->	018SB00204		018SB00205		018SB00301		018SB00302		018SB00303		018SB00304	
	SAMPLE DATE ----->	07/17/96		08/01/96		07/18/96		07/18/96		07/18/96		07/18/96	
	DATE ANALYZED --->	08/12/96		08/18/96		08/12/96		08/12/96		08/12/96		08/12/96	
	MATRIX ---------->	Soil		Soil		Soil		Soil		Soil		Soil	
	UNITS ---------->	MG/KG	A	MG/KG	A	MG/KG	A	MG/KG	A	MG/KG	A	MG/KG	A
CAS #	Parameter	26332	VAL	26510	VAL	26332	VAL	26332	VAL	26332	VAL	26332	VAL
9999000-01-1	Nitrate-Nitrite-N	1.11	U	1.17	U	1.04	U	1.12	U	1.09	U	1.08	U

NAVAL WEAPONS STATION
NAVAL WEAPONS STATION (SOIL)
SOIL SAMPLES

NITRATE													
	SAMPLE ID ------->	018-S-B003-05		018-S-B003-06		018-S-B004-01		018-S-B004-02		018-S-B004-03		018-S-B005-01	
	ORIGINAL ID ----->	018SB00305		018SB00306		018SB00401		018SB00402		018SB00403		018SB00501	
	LAB SAMPLE ID --->	26349.05		26489.04		26349.06		26349.07		26349.08		26349.09	
	ID FROM REPORT -->	018SB00305		018SB00306		018SB00401		018SB00402		018SB00403		018SB00501	
	SAMPLE DATE ----->	07/18/96		07/31/96		07/18/96		07/18/96		07/18/96		07/18/96	
	DATE ANALYZED --->	08/12/96		08/18/96		08/12/96		08/12/96		08/12/96		08/12/96	
	MATRIX ---------->	Soil		Soil		Soil		Soil		Soil		Soil	
	UNITS ---------->	MG/KG	A	MG/KG	A	MG/KG	A	MG/KG	A	MG/KG	A	MG/KG	A
CAS #	Parameter	26332	VAL	26473	VAL	26332	VAL	26332	VAL	26332	VAL	26332	VAL
9999000-01-1	Nitrate-Nitrite-N	1.1	U	1.18	U	1.1	U	1.16	U	1.15	U	1.05	UJ

NAVAL WEAPONS STATION
NAVAL WEAPONS STATION (SOIL)
SOIL SAMPLES

NITRATE													
	SAMPLE ID ------->	018-S-B005-02		018-S-B005-03		018-S-B005-04		018-S-B005-05		018-S-B006-01		018-S-B006-02	
	ORIGINAL ID ----->	018SB00502		018SB00503		018SB00504		018SB00505		018SB00601		018SB00602	
	LAB SAMPLE ID --->	26349.12		26349.13		26349.14		26349.15		26421.01		26421.02	
	ID FROM REPORT -->	018SB00502		018SB00503		018SB00504		018SB00505		018SB00601		018SB00602	
	SAMPLE DATE ----->	07/18/96		07/18/96		07/18/96		07/18/96		07/25/96		07/25/96	
	DATE ANALYZED --->	08/12/96		08/12/96		08/12/96		08/12/96		08/18/96		08/18/96	
	MATRIX ---------->	Soil		Soil		Soil		Soil		Soil		Soil	
	UNITS ---------->	MG/KG	A	MG/KG	A	MG/KG	A	MG/KG	A	MG/KG	A	MG/KG	A
CAS #	Parameter	26332	VAL	26332	VAL	26332	VAL	26332	VAL	26421	VAL	26421	VAL
9999000-01-1	Nitrate-Nitrite-N	1.11	U	1.06	U	1.1	U	1.12	U	1.12	U	1.2	U

NAVAL WEAPONS STATION
NAVAL WEAPONS STATION (SOIL)
SOIL SAMPLES

NITRATE													
	SAMPLE ID ------->	018-S-B006-03		018-S-B006-04		018-S-B007-01		018-S-B007-02		018-S-B007-03		018-S-B007-04	
	ORIGINAL ID ----->	018SB00603		018SB00604		018SB00701		018SB00702		018SB00703		018SB00704	
	LAB SAMPLE ID --->	26421.03		26421.04		26397.05		26397.06		26397.07		26397.08	
	ID FROM REPORT -->	018SB00603		018SB00604		018SB00701		018SB00702		018SB00703		018SB00704	
	SAMPLE DATE ----->	07/25/96		07/25/96		07/23/96		07/23/96		07/23/96		07/23/96	
	DATE ANALYZED --->	08/18/96		08/18/96		08/15/96		08/15/96		08/15/96		08/15/96	
	MATRIX ---------->	Soil		Soil		Soil		Soil		Soil		Soil	
	UNITS ---------->	MG/KG	A	MG/KG	A	MG/KG	A	MG/KG	A	MG/KG	A	MG/KG	A
CAS #	Parameter	26421	VAL	26421	VAL	26397	VAL	26397	VAL	26397	VAL	26397	VAL
9999000-01-1	Nitrate-Nitrite-N	1.12	U	1.1	U	1.06	U	1.04	U	1.14	U	1.04	U

NAVAL WEAPONS STATION
NAVAL WEAPONS STATION (SOIL)
SOIL SAMPLES

NITRATE													
	SAMPLE ID ------->	018-S-B008-01		018-S-B008-02		018-S-B008-03		018-S-B008-04		018-S-B009-01		018-S-B010-01	
	ORIGINAL ID ----->	018SB00801		018SB00802		018SB00803		018SB00804		018SB00901		018SB01001	
	LAB SAMPLE ID --->	26404.01		26404.02		26404.03		26404.04		26404.08		26404.13	
	ID FROM REPORT -->	018SB00801		018SB00802		018SB00803		018SB00804		018SB00901		018SB01001	
	SAMPLE DATE ----->	07/24/96		07/24/96		07/24/96		07/24/96		07/24/96		07/24/96	
	DATE ANALYZED --->	08/15/96		08/15/96		08/15/96		08/15/96		08/15/96		08/15/96	
	MATRIX ---------->	Soil		Soil		Soil		Soil		Soil		Soil	
	UNITS ---------->	MG/KG	A	MG/KG	A	MG/KG	A	MG/KG	A	MG/KG	A	MG/KG	A
CAS #	Parameter	26397	VAL	26397	VAL	26397	VAL	26397	VAL	26397	VAL	26397	VAL
9999000-01-1	Nitrate-Nitrite-N	1.12	U	1.07	U	1.08	U	1.13	U	1.68	U	1.06	U

NAVAL WEAPONS STATION
NAVAL WEAPONS STATION (SOIL)
SOIL SAMPLES

NITRATE													
	SAMPLE ID ------->	018-S-B010-02		018-S-B010-03		018-S-B010-04		018-S-B011-01		018-S-B011-02		018-S-B011-03	
	ORIGINAL ID ----->	018SB01002		018SB01003		018SB01004		018SB01101		018SB01102		018SB01103	
	LAB SAMPLE ID --->	26404.14		26404.15		26404.16		26364.02		26364.03		26364.04	
	ID FROM REPORT -->	018SB01002		018SB01003		018SB01004		018SB01101		018SB01102		018SB01103	
	SAMPLE DATE ----->	07/24/96		07/24/96		07/24/96		07/19/96		07/19/96		07/19/96	
	DATE ANALYZED --->	08/15/96		08/15/96		08/15/96		08/12/96		08/12/96		08/12/96	
	MATRIX ---------->	Soil		Soil		Soil		Soil		Soil		Soil	
	UNITS ---------->	MG/KG	A	MG/KG	A	MG/KG	A	MG/KG	A	MG/KG	A	MG/KG	A
CAS #	Parameter	26397	VAL	26397	VAL	26397	VAL	26364	VAL	26364	VAL	26364	VAL
9999000-01-1	Nitrate-Nitrite-N	1.08	U	1.04	U	1.13	U	1.04	U	1.08	U	1.12	U

NAVAL WEAPONS STATION
NAVAL WEAPONS STATION (SOIL)
SOIL SAMPLES

NITRATE													
	SAMPLE ID ------->	018-S-B011-04		018-S-B012-01		018-S-B012-02		018-S-B012-03		018-S-B012-04		018-S-B013-01	
	ORIGINAL ID ----->	018SB01104		018SB01201		018SB01202		018SB01203		018SB01204		018SB01301	
	LAB SAMPLE ID --->	26364.05		26364.06		26364.07		26364.08		26364.09		26364.10	
	ID FROM REPORT -->	018SB01104		018SB01201		018SB01202		018SB01203		018SB01204		018SB01301	
	SAMPLE DATE ----->	07/19/96		07/19/96		07/19/96		07/19/96		07/19/96		07/19/96	
	DATE ANALYZED --->	08/12/96		08/12/96		08/12/96		08/12/96		08/12/96		07/12/96	
	MATRIX ---------->	Soil		Soil		Soil		Soil		Soil		Soil	
	UNITS ---------->	MG/KG	A	MG/KG	A	MG/KG	A	MG/KG	A	MG/KG	A	MG/KG	A
CAS #	Parameter	26364	VAL	26364	VAL	26364	VAL	26364	VAL	26364	VAL	26364	VAL
9999000-01-1	Nitrate-Nitrite-N	1.08	U	1.04	U	1.06	U	1.12	U	1.16	U	1.09	U

NAVAL WEAPONS STATION
NAVAL WEAPONS STATION (SOIL)
SOIL SAMPLES

NITRATE													
	SAMPLE ID ------->	018-S-B013-02		018-S-B013-03		018-S-B013-04		018-S-B014-01		018-S-B014-02		018-S-B014-03	
	ORIGINAL ID ----->	018SB01302		018SB01303		018SB01304		018SB01401		018SB01402		018SB01403	
	LAB SAMPLE ID --->	26364.11		26364.12		26364.13		26379.09		26379.10		26379.11	
	ID FROM REPORT -->	018SB01302		018SB01303		018SB01304		018SB01401		018SB01402		018SB01403	
	SAMPLE DATE ----->	07/19/96		07/19/96		07/19/96		07/22/96		07/22/96		07/22/96	
	DATE ANALYZED --->	08/12/96		08/12/96		08/12/96		08/15/96		08/15/96		08/15/96	
	MATRIX ---------->	Soil		Soil		Soil		Soil		Soil		Soil	
	UNITS ---------->	MG/KG	A	MG/KG	A	MG/KG	A	MG/KG	A	MG/KG	A	MG/KG	A
CAS #	Parameter	26364	VAL	26364	VAL	26364	VAL	26364	VAL	26364	VAL	26364	VAL
9999000-01-1	Nitrate-Nitrite-N	1.09	U	1.09	U	1.14	U	1.06	U	1.14	U	1.2	U

NAVAL WEAPONS STATION
NAVAL WEAPONS STATION (SOIL)
SOIL SAMPLES

NITRATE													
	SAMPLE ID ------->	018-S-B014-04		018-S-B015-01		018-S-B015-02		018-S-B015-03		018-S-B015-04		018-S-B016-01	
	ORIGINAL ID ----->	018SB01404		018SB01501		018SB01502		018SB01503		018SB01504		018SB01601	
	LAB SAMPLE ID --->	26379.12		26397.01		26397.02		26397.03		26397.04		26379.05	
	ID FROM REPORT -->	018SB01404		018SB01501		018SB01502		018SB01503		018SB01504		018SB01601	
	SAMPLE DATE ----->	07/22/96		07/23/96		07/23/96		07/23/96		07/23/96		07/22/96	
	DATE ANALYZED --->	08/15/96		08/15/96		08/15/96		08/15/96		08/15/96		08/15/96	
	MATRIX ---------->	Soil		Soil		Soil		Soil		Soil		Soil	
	UNITS ---------->	MG/KG	A	MG/KG	A	MG/KG	A	MG/KG	A	MG/KG	A	MG/KG	A
CAS #	Parameter	26364	VAL	26397	VAL	26397	VAL	26397	VAL	26397	VAL	26364	VAL
9999000-01-1	Nitrate-Nitrite-N	1.2	U	1.58		1.09	U	1.14	U	1.11	U	1.08	U

NAVAL WEAPONS STATION
NAVAL WEAPONS STATION (SOIL)
SOIL SAMPLES

NITRATE													
	SAMPLE ID ------->	018-S-B016-02		018-S-B017-01		018-S-B017-02		018-S-B017-03		018-S-B017-04		018-S-B018-01	
	ORIGINAL ID ----->	018SB01602		018SB01701		018SB01702		018SB01703		018SB01704		018SB01801	
	LAB SAMPLE ID --->	26379.06		26404.09		26404.10		26404.11		26404.12		26379.01	
	ID FROM REPORT -->	018SB01602		018SB01701		018SB01702		018SB01703		018SB01704		018SB01801	
	SAMPLE DATE ----->	07/22/96		07/24/96		07/24/96		07/24/96		07/24/96		07/22/96	
	DATE ANALYZED --->	08/15/96		08/15/96		08/15/96		08/15/96		08/15/96		08/15/96	
	MATRIX ---------->	Soil		Soil		Soil		Soil		Soil		Soil	
	UNITS ---------->	MG/KG	A	MG/KG	A	MG/KG	A	MG/KG	A	MG/KG	A	MG/KG	A
CAS #	Parameter	26364	VAL	26397	VAL	26397	VAL	26397	VAL	26397	VAL	26364	VAL
9999000-01-1	Nitrate-Nitrite-N	1.07	U	1.03	U	1.06	U	1.08	U	1.09	U	1.08	U

NAVAL WEAPONS STATION
NAVAL WEAPONS STATION (SOIL)
SOIL SAMPLES

NITRATE													
	SAMPLE ID ------->	018-S-B018-02		018-S-B018-03		018-S-B018-04		018-S-B019-01		018-S-B019-02		018-S-B019-03	
	ORIGINAL ID ----->	018SB01802		018SB01803		018SB01804		018SB01901		018SB01902		018SB01903	
	LAB SAMPLE ID --->	26379.02		26379.03		26379.04		26379.13		26379.14		26379.07	
	ID FROM REPORT -->	018SB01802		018SB01803		018SB01804		018SB01901		018SB01902		018SB01903	
	SAMPLE DATE ----->	07/22/96		07/22/96		07/22/96		07/22/96		07/22/96		07/22/96	
	DATE ANALYZED --->	08/15/96		08/15/96		08/15/96		08/15/96		08/15/96		08/15/96	
	MATRIX ---------->	Soil		Soil		Soil		Soil		Soil		Soil	
	UNITS ---------->	MG/KG	A	MG/KG	A	MG/KG	A	MG/KG	A	MG/KG	A	MG/KG	A
CAS #	Parameter	26364	VAL	26364	VAL	26364	VAL	26364	VAL	26364	VAL	26364	VAL
9999000-01-1	Nitrate-Nitrite-N	1.16	U	1.14	U	1.16	U	1.09	U	1.16	U	1.19	U

NAVAL WEAPONS STATION
NAVAL WEAPONS STATION (SOIL)
SOIL SAMPLES

NITRATE													
	SAMPLE ID ------->	018-S-B019-04		018-S-G001-01		018-S-G001-02		018-S-G001-03		018-S-G001-04		018-S-G002-01	
	ORIGINAL ID ----->	018SB01904		018SG00101		018SG00102		018SG00103		018SG00104		018SG00201	
	LAB SAMPLE ID --->	26379.08		26463.05		26463.08		26463.09		26463.10		26463.01	
	ID FROM REPORT -->	018SB01904		018SG00101		018SG00102		018SG00103		018SG00104		018SG00201	
	SAMPLE DATE ----->	07/22/96		07/29/96		07/29/96		07/29/96		07/29/96		07/29/96	
	DATE ANALYZED --->	08/15/96		08/18/96		08/18/96		08/18/96		08/18/96		08/18/96	
	MATRIX ---------->	Soil		Soil		Soil		Soil		Soil		Soil	
	UNITS ---------->	MG/KG	A	MG/KG	A	MG/KG	A	MG/KG	A	MG/KG	A	MG/KG	A
CAS #	Parameter	26364	VAL	26463	VAL	26463	VAL	26463	VAL	26463	VAL	26463	VAL
9999000-01-1	Nitrate-Nitrite-N	1.2	U	1.01	UR	1.23	UR	1.	UR	1.05	UR	1.	UR

NAVAL WEAPONS STATION
NAVAL WEAPONS STATION (SOIL)
SOIL SAMPLES

NITRATE													
	SAMPLE ID ------->	018-S-G002-02		018-S-G002-03		018-S-G002-04		018-S-G003-01		018-S-G003-02		018-S-G003-03	
	ORIGINAL ID ----->	018SG00202		018SG00203		018SG00204		018SG00301		018SG00302		018SG00303	
	LAB SAMPLE ID --->	26463.02		26463.03		26463.04		26421.05		26421.08		26421.09	
	ID FROM REPORT -->	018SG00202		018SG00203		018SG00204		018SG00301		018SG00302		018SG00303	
	SAMPLE DATE ----->	07/29/96		07/29/96		07/29/96		07/25/96		07/25/96		07/25/96	
	DATE ANALYZED --->	08/18/96		08/18/96		08/18/96		08/18/96		08/18/96		08/18/96	
	MATRIX ---------->	Soil		Soil		Soil		Soil		Soil		Soil	
	UNITS ---------->	MG/KG	A	MG/KG	A	MG/KG	A	MG/KG	A	MG/KG	A	MG/KG	A
CAS #	Parameter	26463	VAL	26463	VAL	26463	VAL	26421	VAL	26421	VAL	26421	VAL
9999000-01-1	Nitrate-Nitrite-N	1.	UR	1.08	UR	1.04	UR	1.04	U	1.1	U	1.12	U

NAVAL WEAPONS STATION
NAVAL WEAPONS STATION (SOIL)
SOIL SAMPLES

NITRATE													
	SAMPLE ID ------->	018-S-G003-04		018-S-G004-01		018-S-G004-02		018-S-G004-03		018-S-G004-04		018-S-G005-01	
	ORIGINAL ID ----->	018SG00304		018SG00401		018SG00402		018SG00403		018SG00404		018SG00501	
	LAB SAMPLE ID --->	26421.10		26421.11		26421.12		26421.13		26421.14		26473.05	
	ID FROM REPORT -->	018SG00304		018SG00401		018SG00402		018SG00403		018SG00404		018SG00501	
	SAMPLE DATE ----->	07/25/96		07/25/96		07/25/96		07/25/96		07/25/96		07/30/96	
	DATE ANALYZED --->	08/18/96		08/18/96		08/18/96		08/18/96		08/18/96		08/18/96	
	MATRIX ---------->	Soil		Soil		Soil		Soil		Soil		Soil	
	UNITS ---------->	MG/KG	A	MG/KG	A	MG/KG	A	MG/KG	A	MG/KG	A	MG/KG	A
CAS #	Parameter	26421	VAL	26421	VAL	26421	VAL	26421	VAL	26421	VAL	26473	VAL
9999000-01-1	Nitrate-Nitrite-N	1.11	U	1.09	U	1.12	U	1.13	U	1.08	U	1.06	U

NAVAL WEAPONS STATION
NAVAL WEAPONS STATION (SOIL)
SOIL SAMPLES

NITRATE													
	SAMPLE ID ------->	018-S-G005-02		018-S-G005-03		018-S-G005-04		018-S-G006-01		018-S-G006-02		018-S-G006-03	
	ORIGINAL ID ----->	018SG00502		018SG00503		018SG00504		018SG00601		018SG00602		018SG00603	
	LAB SAMPLE ID --->	26473.08		26473.09		26473.10		26473.01		26473.02		26473.03	
	ID FROM REPORT -->	018SG00502		018SG00503		018SG00504		018SG00601		018SG00602		018SG00603	
	SAMPLE DATE ----->	07/30/96		07/30/96		07/30/96		07/30/96		07/30/96		07/30/96	
	DATE ANALYZED --->	08/18/96		08/18/96		08/18/96		08/18/96		08/18/96		08/18/96	
	MATRIX ---------->	Soil		Soil		Soil		Soil		Soil		Soil	
	UNITS ---------->	MG/KG	A	MG/KG	A	MG/KG	A	MG/KG	A	MG/KG	A	MG/KG	A
CAS #	Parameter	26473	VAL	26473	VAL	26473	VAL	26473	VAL	26473	VAL	26473	VAL
9999000-01-1	Nitrate-Nitrite-N	1.08	U	1.09	U	1.15	U	1.08	U	1.06	U	1.07	U

NAVAL WEAPONS STATION
NAVAL WEAPONS STATION (SOIL)
SOIL SAMPLES

NITRATE																	
	SAMPLE ID ------->	018-S-G006-04		018-S-G007-01		018-S-G007-02		018-S-G007-03		018-S-G007-04		018-S-G011-01	
	ORIGINAL ID ----->	018SG00604		018SG00701		018SG00702		018SG00703		018SG00704		018SG01101	
	LAB SAMPLE ID --->	26473.04		26463.11		26463.14		26463.15		26463.16		26421.15	
	ID FROM REPORT -->	018SG00604		018SG00701		018SG00702		018SG00703		018SG00704		018SG01101	
	SAMPLE DATE ----->	07/30/96		07/29/96		07/29/96		07/29/96		07/29/96		07/25/96	
	DATE ANALYZED --->	08/18/96		08/18/96		08/18/96		08/18/96		08/18/96		08/18/96	
	MATRIX ---------->	Soil		Soil		Soil		Soil		Soil		Soil	
	UNITS ---------->	MG/KG	A	MG/KG	A	MG/KG	A	MG/KG	A	MG/KG	A	MG/KG	A
CAS #	Parameter	26473	VAL	26463	VAL	26463	VAL	26463	VAL	26463	VAL	26421	VAL
9999000-01-1	Nitrate-Nitrite-N	1.16	U	1.01	UR	1.	UR	1.02	UR	1.04	UR	1.1	U

NAVAL WEAPONS STATION
NAVAL WEAPONS STATION (SOIL)
SOIL SAMPLES

NITRATE											
	SAMPLE ID ------->	018-S-G011-02		018-S-G011-03		018-S-G011-04					
	ORIGINAL ID ----->	018SG01102		018SG01103		018SG01104					
	LAB SAMPLE ID --->	26421.16		26421.17		26421.18					
	ID FROM REPORT -->	018SG01102		018SG01103		018SG01104					
	SAMPLE DATE ----->	07/25/96		07/25/96		07/25/96					
	DATE ANALYZED --->	08/18/96		08/18/96		08/18/96					
	MATRIX ---------->	Soil		Soil		Soil					
	UNITS ---------->	MG/KG	A	MG/KG	A	MG/KG	A				
CAS #	Parameter	26421	VAL	26421	VAL	26421	VAL				
9999000-01-1	Nitrate-Nitrite-N	1.07	U	1.08	U	1.06	U				

NAVAL WEAPONS STATION
NAVAL WEAPONS STATION (SOIL)
SOIL SAMPLES

NITRATES													
	SAMPLE ID ------->	018-S-G008-01		018-S-G008-02		018-S-G008-03		018-S-G009-01		018-S-G009-02		018-S-G009-03	
	ORIGINAL ID ----->	018SG00801		018SG00802		018SG00803		018SG00901		018SG00902		018SG00903	
	LAB SAMPLE ID --->	26434.14		26434.15		26434.16		26434.09		26434.10		26434.11	
	ID FROM REPORT -->	018SG00801		018SG00802		018SG00803		018SG00901		018SG00902		018SG00903	
	SAMPLE DATE ----->	07/26/96		07/26/96		07/26/96		07/26/96		07/26/96		07/26/96	
	DATE ANALYZED --->	08/18/96		08/18/96		08/18/96		08/18/96		08/18/96		08/18/96	
	MATRIX ---------->	Soil		Soil		Soil		Soil		Soil		Soil	
	UNITS ---------->	MG/KG	A	MG/KG	A	MG/KG	A	MG/KG	A	MG/KG	A	MG/KG	A
CAS #	Parameter	26434	VAL	26434	VAL	26434	VAL	26434	VAL	26434	VAL	26434	VAL
9999000-01-1	Nitrate-Nitrite-N	1.11	U	1.1	U	1.11	U	1.04	U	1.06	U	1.07	U

NAVAL WEAPONS STATION
NAVAL WEAPONS STATION (SOIL)
SOIL SAMPLES

NITRATES													
	SAMPLE ID ------->	018-S-G009-04		018-S-G010-01		018-S-G010-02		018-S-G010-03		018-S-G010-04		018-S-G012-01	
	ORIGINAL ID ----->	018SG00904		018SG01001		018SG01002		018SG01003		018SG01004		018SG01201	
	LAB SAMPLE ID --->	26434.12		26434.05		26434.06		26434.07		26434.08		26434.01	
	ID FROM REPORT -->	018SG00904		018SG01001		018SG01002		018SG01003		018SG01004		018SG01201	
	SAMPLE DATE ----->	07/26/96		07/26/96		07/26/96		07/26/96		07/26/96		07/26/96	
	DATE ANALYZED --->	08/18/96		08/18/96		08/18/96		08/18/96		08/18/96		08/18/96	
	MATRIX ---------->	Soil		Soil		Soil		Soil		Soil		Soil	
	UNITS ---------->	MG/KG	A	MG/KG	A	MG/KG	A	MG/KG	A	MG/KG	A	MG/KG	A
CAS #	Parameter	26434	VAL	26434	VAL	26434	VAL	26434	VAL	26434	VAL	26434	VAL
9999000-01-1	Nitrate-Nitrite-N	1.16	U	2.79		1.09	U	1.1	U	1.09	U	1.05	U

NAVAL WEAPONS STATION
NAVAL WEAPONS STATION (SOIL)
SOIL SAMPLES

NITRATES											
	SAMPLE ID ------->	018-S-G012-02		018-S-G012-03		018-S-G012-04					
	ORIGINAL ID ----->	018SG01202		018SG01203		018SG01204					
	LAB SAMPLE ID --->	26434.02		26434.03		26434.04					
	ID FROM REPORT -->	018SG01202		018SG01203		018SG01204					
	SAMPLE DATE ----->	07/26/96		07/26/96		07/26/96					
	DATE ANALYZED --->	08/18/96		08/18/96		08/18/96					
	MATRIX ---------->	Soil		Soil		Soil					
	UNITS ---------->	MG/KG	A	MG/KG	A	MG/KG	A				
CAS #	Parameter	26434	VAL	26434	VAL	26434	VAL				
9999000-01-1	Nitrate-Nitrite-N	1.05	U	1.12	U	1.1	U				

NAVAL WEAPONS STATION
NAVAL WEAPONS STATION (SOIL)
SOIL SAMPLES

PHOSPHORUS													
	SAMPLE ID ------->	018-S-B001-01		018-S-B001-02		018-S-B001-03		018-S-B002-01		018-S-B002-02		018-S-B002-03	
	ORIGINAL ID ----->	018SB00101		018SB00102		018SB00103		018SB00201		018SB00202		018SB00203	
	LAB SAMPLE ID --->	26340.01		26340.02		26340.03		26340.05		26340.06		26340.07	
	ID FROM REPORT -->	018SB00101		018SB00102		018SB00103		018SB00201		018SB00202		018SB00203	
	SAMPLE DATE ----->	07/17/96		07/17/96		07/17/96		07/17/96		07/17/96		07/17/96	
	DATE EXTRACTED -->	07/27/96		07/27/96		07/27/96		07/27/96		07/27/96		07/27/96	
	DATE ANALYZED --->	08/01/96		08/01/96		08/01/96		08/01/96		08/01/96		08/01/96	
	MATRIX ---------->	Soil		Soil		Soil		Soil		Soil		Soil	
	UNITS ---------->	MG/KG	A	MG/KG	A	MG/KG	A	MG/KG	A	MG/KG	A	MG/KG	A
CAS #	Parameter	26332	VAL	26332	VAL	26332	VAL	26332	VAL	26332	VAL	26332	VAL
7723-14-0	Phosphorus	59.		99.6		110.		150.		25.8		90.2	

NAVAL WEAPONS STATION
NAVAL WEAPONS STATION (SOIL)
SOIL SAMPLES

PHOSPHORUS													
	SAMPLE ID ------->	018-S-B002-04		018-S-B002-05		018-S-B003-01		018-S-B003-02		018-S-B003-03		018-S-B003-04	
	ORIGINAL ID ----->	018SB00204		018SB00205		018SB00301		018SB00302		018SB00303		018SB00304	
	LAB SAMPLE ID --->	26340.08		26510.01		26349.01		26349.02		26349.03		26349.04	
	ID FROM REPORT -->	018SB00204		018SB00205		018SB00301		018SB00302		018SB00303		018SB00304	
	SAMPLE DATE ----->	07/17/96		08/01/96		07/18/96		07/18/96		07/18/96		07/18/96	
	DATE EXTRACTED -->	07/27/96				07/27/96		07/27/96		07/27/96		07/27/96	
	DATE ANALYZED --->	08/01/96		08/11/96		08/01/96		08/01/96		08/01/96		08/01/96	
	MATRIX ---------->	Soil		Soil		Soil		Soil		Soil		Soil	
	UNITS ---------->	MG/KG	A	MG/KG	A	MG/KG	A	MG/KG	A	MG/KG	A	MG/KG	A
CAS #	Parameter	26332	VAL	26510	VAL	26332	VAL	26332	VAL	26332	VAL	26332	VAL
7723-14-0	Phosphorus	40.2		140.		275.		80.7		63.1		57.9	

NAVAL WEAPONS STATION
NAVAL WEAPONS STATION (SOIL)
SOIL SAMPLES

PHOSPHORUS													
	SAMPLE ID ------->	018-S-B003-05		018-S-B003-06		018-S-B004-01		018-S-B004-02		018-S-B004-03		018-S-B005-01	
	ORIGINAL ID ----->	018SB00305		018SB00306		018SB00401		018SB00402		018SB00403		018SB00501	
	LAB SAMPLE ID --->	26349.05		26489.04		26349.06		26349.07		26349.08		26349.09	
	ID FROM REPORT -->	018SB00305		018SB00306		018SB00401		018SB00402		018SB00403		018SB00501	
	SAMPLE DATE ----->	07/18/96		07/31/96		07/18/96		07/18/96		07/18/96		07/18/96	
	DATE EXTRACTED -->	07/27/96		08/19/96		07/27/96		07/27/96		07/27/96		07/27/96	
	DATE ANALYZED --->	08/01/96		08/21/96		08/01/96		08/01/96		08/01/96		08/01/96	
	MATRIX ---------->	Soil		Soil		Soil		Soil		Soil		Soil	
	UNITS ---------->	MG/KG	A	MG/KG	A	MG/KG	A	MG/KG	A	MG/KG	A	MG/KG	A
CAS #	Parameter	26332	VAL	26473	VAL	26332	VAL	26332	VAL	26332	VAL	26332	VAL
7723-14-0	Phosphorus	73.7		77.		74.4		21.7		44.4		65.6	

NAVAL WEAPONS STATION
NAVAL WEAPONS STATION (SOIL)
SOIL SAMPLES

PHOSPHORUS													
	SAMPLE ID ------->	018-S-B005-02		018-S-B005-03		018-S-B005-04		018-S-B005-05		018-S-B006-01		018-S-B006-02	
	ORIGINAL ID ----->	018SB00502		018SB00503		018SB00504		018SB00505		018SB00601		018SB00602	
	LAB SAMPLE ID --->	26349.12		26349.13		26349.14		26349.15		26421.01		26421.02	
	ID FROM REPORT -->	018SB00502		018SB00503		018SB00504		018SB00505		018SB00601		018SB00602	
	SAMPLE DATE ----->	07/18/96		07/18/96		07/18/96		07/18/96		07/25/96		07/25/96	
	DATE EXTRACTED -->	07/27/96		07/27/96		07/27/96		07/27/96		08/07/96		08/07/96	
	DATE ANALYZED --->	08/01/96		08/01/96		08/01/96		08/01/96		08/11/96		08/11/96	
	MATRIX ---------->	Soil		Soil		Soil		Soil		Soil		Soil	
	UNITS ---------->	MG/KG	A	MG/KG	A	MG/KG	A	MG/KG	A	MG/KG	A	MG/KG	A
CAS #	Parameter	26332	VAL	26332	VAL	26332	VAL	26332	VAL	26421	VAL	26421	VAL
7723-14-0	Phosphorus	70.1		74.1		37.2		56.3		67.2		48.2	

NAVAL WEAPONS STATION
NAVAL WEAPONS STATION (SOIL)
SOIL SAMPLES

PHOSPHORUS													
	SAMPLE ID ------->	018-S-B006-03		018-S-B006-04		018-S-B007-01		018-S-B007-02		018-S-B007-03		018-S-B007-04	
	ORIGINAL ID ----->	018SB00603		018SB00604		018SB00701		018SB00702		018SB00703		018SB00704	
	LAB SAMPLE ID --->	26421.03		26421.04		26397.05		26397.06		26397.07		26397.08	
	ID FROM REPORT -->	018SB00603		018SB00604		018SB00701		018SB00702		018SB00703		018SB00704	
	SAMPLE DATE ----->	07/25/96		07/25/96		07/23/96		07/23/96		07/23/96		07/23/96	
	DATE EXTRACTED -->	08/07/96		08/07/96		08/06/96		08/06/96		08/06/96		08/06/96	
	DATE ANALYZED --->	08/11/96		08/11/96		08/11/96		08/11/96		08/11/96		08/11/96	
	MATRIX ---------->	Soil		Soil		Soil		Soil		Soil		Soil	
	UNITS ---------->	MG/KG	A	MG/KG	A	MG/KG	A	MG/KG	A	MG/KG	A	MG/KG	A
CAS #	Parameter	26421	VAL	26421	VAL	26397	VAL	26397	VAL	26397	VAL	26397	VAL
7723-14-0	Phosphorus	37.9		51.		82.7		43.		57.2		373.	

NAVAL WEAPONS STATION
NAVAL WEAPONS STATION (SOIL)
SOIL SAMPLES

PHOSPHORUS													
	SAMPLE ID ------->	018-S-B008-01		018-S-B008-02		018-S-B008-03		018-S-B008-04		018-S-B009-01		018-S-B010-01	
	ORIGINAL ID ----->	018SB00801		018SB00802		018SB00803		018SB00804		018SB00901		018SB01001	
	LAB SAMPLE ID --->	26404.01		26404.02		26404.03		26404.04		26404.08		26404.13	
	ID FROM REPORT -->	018SB00801		018SB00802		018SB00803		018SB00804		018SB00901		018SB01001	
	SAMPLE DATE ----->	07/24/96		07/24/96		07/24/96		07/24/96		07/24/96		07/24/96	
	DATE EXTRACTED -->	08/07/96		08/07/96		08/07/96		08/07/96		08/07/96		08/07/96	
	DATE ANALYZED --->	08/11/96		08/11/96		08/11/96		08/11/96		08/11/96		08/11/96	
	MATRIX ---------->	Soil		Soil		Soil		Soil		Soil		Soil	
	UNITS ----------->	MG/KG	A	MG/KG	A	MG/KG	A	MG/KG	A	MG/KG	A	MG/KG	A
CAS #	Parameter	26397	VAL	26397	VAL	26397	VAL	26397	VAL	26397	VAL	26397	VAL
7723-14-0	Phosphorus	90.6		92.1		42.3		278.		283.		99.8	

NAVAL WEAPONS STATION
NAVAL WEAPONS STATION (SOIL)
SOIL SAMPLES

PHOSPHORUS													
	SAMPLE ID ------->	018-S-B010-02		018-S-B010-03		018-S-B010-04		018-S-B011-01		018-S-B011-02		018-S-B011-03	
	ORIGINAL ID ----->	018SB01002		018SB01003		018SB01004		018SB01101		018SB01102		018SB01103	
	LAB SAMPLE ID --->	26404.14		26404.15		26404.16		26364.02		26364.03		26364.04	
	ID FROM REPORT -->	018SB01002		018SB01003		018SB01004		018SB01101		018SB01102		018SB01103	
	SAMPLE DATE ----->	07/24/96		07/24/96		07/24/96		07/19/96		07/19/96		07/19/96	
	DATE EXTRACTED -->	08/07/96		08/07/96		08/07/96		07/27/96		07/27/96		07/27/96	
	DATE ANALYZED --->	08/11/96		08/11/96		08/11/96		08/01/96		08/01/96		08/01/96	
	MATRIX ---------->	Soil		Soil		Soil		Soil		Soil		Soil	
	UNITS ---------->	MG/KG	A	MG/KG	A	MG/KG	A	MG/KG	A	MG/KG	A	MG/KG	A
CAS #	Parameter	26397	VAL	26397	VAL	26397	VAL	26364	VAL	26364	VAL	26364	VAL
7723-14-0	Phosphorus	68.6		70.6		42.8		80.2		58.2		84.2	

NAVAL WEAPONS STATION
NAVAL WEAPONS STATION (SOIL)
SOIL SAMPLES

PHOSPHORUS	SAMPLE ID ------->	018-S-B011-04		018-S-B012-01		018-S-B012-02		018-S-B012-03		018-S-B012-04		018-S-B013-01	
	ORIGINAL ID ----->	018SB01104		018SB01201		018SB01202		018SB01203		018SB01204		018SB01301	
	LAB SAMPLE ID --->	26364.05		26364.06		26364.07		26364.08		26364.09		26364.10	
	ID FROM REPORT -->	018SB01104		018SB01201		018SB01202		018SB01203		018SB01204		018SB01301	
	SAMPLE DATE ----->	07/19/96		07/19/96		07/19/96		07/19/96		07/19/96		07/19/96	
	DATE EXTRACTED -->	07/27/96		07/27/96		07/27/96		07/27/96		07/27/96		07/27/96	
	DATE ANALYZED --->	08/01/96		08/01/96		08/01/96		08/01/96		08/01/96		08/01/96	
	MATRIX ---------->	Soil		Soil		Soil		Soil		Soil		Soil	
	UNITS ---------->	MG/KG	A	MG/KG	A	MG/KG	A	MG/KG	A	MG/KG	A	MG/KG	A
CAS #	Parameter	26364	VAL	26364	VAL	26364	VAL	26364	VAL	26364	VAL	26364	VAL
7723-14-0	Phosphorus	46.8		83.7		52.8		70.5		71.4		66.1	

NAVAL WEAPONS STATION
NAVAL WEAPONS STATION (SOIL)
SOIL SAMPLES

PHOSPHORUS													
	SAMPLE ID ------->	018-S-B013-02		018-S-B013-03		018-S-B013-04		018-S-B014-01		018-S-B014-02		018-S-B014-03	
	ORIGINAL ID ----->	018SB01302		018SB01303		018SB01304		018SB01401		018SB01402		018SB01403	
	LAB SAMPLE ID --->	26364.11		26364.12		26364.13		26379.09		26379.10		26379.11	
	ID FROM REPORT -->	018SB01302		018SB01303		018SB01304		018SB01401		018SB01402		018SB01403	
	SAMPLE DATE ----->	07/19/96		07/19/96		07/19/96		07/22/96		07/22/96		07/22/96	
	DATE EXTRACTED -->	07/27/96		07/27/96		07/27/96		08/05/96		08/05/96		08/05/96	
	DATE ANALYZED --->	08/01/96		08/01/96		08/01/96		08/11/96		08/11/96		08/11/96	
	MATRIX ---------->	Soil		Soil		Soil		Soil		Soil		Soil	
	UNITS ---------->	MG/KG	A	MG/KG	A	MG/KG	A	MG/KG	A	MG/KG	A	MG/KG	A
CAS #	Parameter	26364	VAL	26364	VAL	26364	VAL	26364	VAL	26364	VAL	26364	VAL
7723-14-0	Phosphorus	50.1		40.1		28.2		98.3		33.		59.	

NAVAL WEAPONS STATION
NAVAL WEAPONS STATION (SOIL)
SOIL SAMPLES

PHOSPHORUS													
	SAMPLE ID ------->	018-S-B014-04		018-S-B015-01		018-S-B015-02		018-S-B015-03		018-S-B015-04		018-S-B016-01	
	ORIGINAL ID ----->	018SB01404		018SB01501		018SB01502		018SB01503		018SB01504		018SB01601	
	LAB SAMPLE ID --->	26379.12		26397.01		26397.02		26397.03		26397.04		26379.05	
	ID FROM REPORT -->	018SB01404		018SB01501		018SB01502		018SB01503		018SB01504		018SB01601	
	SAMPLE DATE ----->	07/22/96		07/23/96		07/23/96		07/23/96		07/23/96		07/22/96	
	DATE EXTRACTED -->	08/05/96		08/06/96		08/06/96		08/06/96		08/06/96		08/05/96	
	DATE ANALYZED --->	08/11/96		08/11/96		08/11/96		08/11/96		08/11/96		08/11/96	
	MATRIX ---------->	Soil		Soil		Soil		Soil		Soil		Soil	
	UNITS ---------->	MG/KG	A	MG/KG	A	MG/KG	A	MG/KG	A	MG/KG	A	MG/KG	A
CAS #	Parameter	26364	VAL	26397	VAL	26397	VAL	26397	VAL	26397	VAL	26364	VAL
7723-14-0	Phosphorus	53.3		105.		46.9		44.8		130.		89.2	

NAVAL WEAPONS STATION
NAVAL WEAPONS STATION (SOIL)
SOIL SAMPLES

PHOSPHORUS	SAMPLE ID ------->	018-S-B016-02		018-S-B017-01		018-S-B017-02		018-S-B017-03		018-S-B017-04		018-S-B018-01	
	ORIGINAL ID ----->	018SB01602		018SB01701		018SB01702		018SB01703		018SB01704		018SB01801	
	LAB SAMPLE ID --->	26379.06		26404.09		26404.10		26404.11		26404.12		26379.01	
	ID FROM REPORT -->	018SB01602		018SB01701		018SB01702		018SB01703		018SB01704		018SB01801	
	SAMPLE DATE ----->	07/22/96		07/24/96		07/24/96		07/24/96		07/24/96		07/22/96	
	DATE EXTRACTED -->	08/05/96		08/07/96		08/07/96		08/07/96		08/07/96		08/05/96	
	DATE ANALYZED --->	08/11/96		08/11/96		08/11/96		08/11/96		08/11/96		08/11/96	
	MATRIX ---------->	Soil		Soil		Soil		Soil		Soil		Soil	
	UNITS ---------->	MG/KG	A	MG/KG	A	MG/KG	A	MG/KG	A	MG/KG	A	MG/KG	A
CAS #	Parameter	26364	VAL	26397	VAL	26397	VAL	26397	VAL	26397	VAL	26364	VAL
7723-14-0	Phosphorus	88.1		75.2		46.9		103.		65.9		123.	

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PHOSPHORUS													
	SAMPLE ID ------->	018-S-B018-02		018-S-B018-03		018-S-B018-04		018-S-B019-01		018-S-B019-02		018-S-B019-03	
	ORIGINAL ID ----->	018SB01802		018SB01803		018SB01804		018SB01901		018SB01902		018SB01903	
	LAB SAMPLE ID --->	26379.02		26379.03		26379.04		26379.13		26379.14		26379.07	
	ID FROM REPORT -->	018SB01802		018SB01803		018SB01804		018SB01901		018SB01902		018SB01903	
	SAMPLE DATE ----->	07/22/96		07/22/96		07/22/96		07/22/96		07/22/96		07/22/96	
	DATE EXTRACTED -->	08/05/96		08/05/96		08/05/96		08/05/96		08/05/96		08/05/96	
	DATE ANALYZED --->	08/11/96		08/11/96		08/11/96		08/11/96		08/11/96		08/11/96	
	MATRIX ---------->	Soil		Soil		Soil		Soil		Soil		Soil	
	UNITS ----------->	MG/KG	A	MG/KG	A	MG/KG	A	MG/KG	A	MG/KG	A	MG/KG	A
CAS #	Parameter	26364	VAL	26364	VAL	26364	VAL	26364	VAL	26364	VAL	26364	VAL
7723-14-0	Phosphorus	34.2		50.4		40.5		86.		45.3		83.2	

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PHOSPHORUS													
	SAMPLE ID ------->	018-S-B019-04		018-S-G001-01		018-S-G001-02		018-S-G001-03		018-S-G001-04		018-S-G002-01	
	ORIGINAL ID ----->	018SB01904		018SG00101		018SG00102		018SG00103		018SG00104		018SG00201	
	LAB SAMPLE ID --->	26379.08		26463.05		26463.08		26463.09		26463.10		26463.01	
	ID FROM REPORT -->	018SB01904		018SG00101		018SG00102		018SG00103		018SG00104		018SG00201	
	SAMPLE DATE ----->	07/22/96		07/29/96		07/29/96		07/29/96		07/29/96		07/29/96	
	DATE EXTRACTED -->	08/05/96		08/12/96		08/12/96		08/12/96		08/12/96		08/12/96	
	DATE ANALYZED --->	08/11/96		08/13/96		08/13/96		08/13/96		08/13/96		08/13/96	
	MATRIX ---------->	Soil		Soil		Soil		Soil		Soil		Soil	
	UNITS ---------->	MG/KG	A	MG/KG	A	MG/KG	A	MG/KG	A	MG/KG	A	MG/KG	A
CAS #	Parameter	26364	VAL	26463	VAL	26463	VAL	26463	VAL	26463	VAL	26463	VAL
7723-14-0	Phosphorus	94.9		104.		263.		92.9		76.8		69.3	J

NAVAL WEAPONS STATION
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PHOSPHORUS													
	SAMPLE ID ------->	018-S-G002-02		018-S-G002-03		018-S-G002-04		018-S-G003-01		018-S-G003-02		018-S-G003-03	
	ORIGINAL ID ----->	018SG00202		018SG00203		018SG00204		018SG00301		018SG00302		018SG00303	
	LAB SAMPLE ID --->	26463.02		26463.03		26463.04		26421.05		26421.08		26421.09	
	ID FROM REPORT -->	018SG00202		018SG00203		018SG00204		018SG00301		018SG00302		018SG00303	
	SAMPLE DATE ----->	07/29/96		07/29/96		07/29/96		07/25/96		07/25/96		07/25/96	
	DATE EXTRACTED -->	08/12/96		08/12/96		08/12/96		08/07/96		08/07/96		08/07/96	
	DATE ANALYZED --->	08/13/96		08/13/96		08/13/96		08/11/96		08/11/96		08/11/96	
	MATRIX ---------->	Soil		Soil		Soil		Soil		Soil		Soil	
	UNITS ---------->	MG/KG	A	MG/KG	A	MG/KG	A	MG/KG	A	MG/KG	A	MG/KG	A
CAS #	Parameter	26463	VAL	26463	VAL	26463	VAL	26421	VAL	26421	VAL	26421	VAL
7723-14-0	Phosphorus	59.9		59.8		68.		67.5	J	47.5		91.7	

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PHOSPHORUS													
	SAMPLE ID ------->	018-S-G003-04		018-S-G004-01		018-S-G004-02		018-S-G004-03		018-S-G004-04		018-S-G005-01	
	ORIGINAL ID ----->	018SG00304		018SG00401		018SG00402		018SG00403		018SG00404		018SG00501	
	LAB SAMPLE ID --->	26421.10		26421.11		26421.12		26421.13		26421.14		26473.05	
	ID FROM REPORT -->	018SG00304		018SG00401		018SG00402		018SG00403		018SG00404		018SG00501	
	SAMPLE DATE ----->	07/25/96		07/25/96		07/25/96		07/25/96		07/25/96		07/30/96	
	DATE EXTRACTED -->	08/07/96		08/07/96		08/07/96		08/07/96		08/07/96		08/12/96	
	DATE ANALYZED --->	08/11/96		08/11/96		08/11/96		08/11/96		08/11/96		08/13/96	
	MATRIX ---------->	Soil		Soil		Soil		Soil		Soil		Soil	
	UNITS ---------->	MG/KG	A	MG/KG	A	MG/KG	A	MG/KG	A	MG/KG	A	MG/KG	A
CAS #	Parameter	26421	VAL	26421	VAL	26421	VAL	26421	VAL	26421	VAL	26473	VAL
7723-14-0	Phosphorus	93.4		55.9		48.4		144.		113.		106.	

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PHOSPHORUS	SAMPLE ID ------->	018-S-G005-02		018-S-G005-03		018-S-G005-04		018-S-G006-01		018-S-G006-02		018-S-G006-03	
	ORIGINAL ID ----->	018SG00502		018SG00503		018SG00504		018SG00601		018SG00602		018SG00603	
	LAB SAMPLE ID --->	26473.08		26473.09		26473.10		26473.01		26473.02		26473.03	
	ID FROM REPORT -->	018SG00502		018SG00503		018SG00504		018SG00601		018SG00602		018SG00603	
	SAMPLE DATE ----->	07/30/96		07/30/96		07/30/96		07/30/96		07/30/96		07/30/96	
	DATE EXTRACTED -->	08/12/96		08/12/96		08/12/96		08/12/96		08/12/96		08/12/96	
	DATE ANALYZED --->	08/13/96		08/13/96		08/13/96		08/13/96		08/13/96		08/13/96	
	MATRIX ---------->	Soil		Soil		Soil		Soil		Soil		Soil	
	UNITS ---------->	MG/KG	A	MG/KG	A	MG/KG	A	MG/KG	A	MG/KG	A	MG/KG	A
CAS #	Parameter	26473	VAL	26473	VAL	26473	VAL	26473	VAL	26473	VAL	26473	VAL
7723-14-0	Phosphorus	62.4		46.4		300.		129.		75.1		41.	

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PHOSPHORUS													
	SAMPLE ID ------->	018-S-G006-04		018-S-G007-01		018-S-G007-02		018-S-G007-03		018-S-G007-04		018-S-G008-01	
	ORIGINAL ID ----->	018SG00604		018SG00701		018SG00702		018SG00703		018SG00704		018SG00801	
	LAB SAMPLE ID --->	26473.04		26463.11		26463.14		26463.15		26463.16		26434.14	
	ID FROM REPORT -->	018SG00604		018SG00701		018SG00702		018SG00703		018SG00704		018SG00801	
	SAMPLE DATE ----->	07/30/96		07/29/96		07/29/96		07/29/96		07/29/96		07/26/96	
	DATE EXTRACTED -->	08/12/96		08/12/96		08/12/96		08/12/96		08/12/96			
	DATE ANALYZED --->	08/13/96		08/13/96		08/13/96		08/13/96		08/13/96		08/11/96	
	MATRIX ---------->	Soil		Soil		Soil		Soil		Soil		Soil	
	UNITS ---------->	MG/KG	A	MG/KG	A	MG/KG	A	MG/KG	A	MG/KG	A	MG/KG	A
CAS #	Parameter	26473	VAL	26463	VAL	26463	VAL	26463	VAL	26463	VAL	26434	VAL
7723-14-0	Phosphorus	31.6		67.8	J	28.2	J	56.	J	42.3	J	63.	

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PHOSPHORUS													
	SAMPLE ID ------->	018-S-G008-02		018-S-G008-03		018-S-G009-01		018-S-G009-02		018-S-G009-03		018-S-G009-04	
	ORIGINAL ID ----->	018SG00802		018SG00803		018SG00901		018SG00902		018SG00903		018SG00904	
	LAB SAMPLE ID --->	26434.15		26434.16		26434.09		26434.10		26434.11		26434.12	
	ID FROM REPORT -->	018SG00802		018SG00803		018SG00901		018SG00902		018SG00903		018SG00904	
	SAMPLE DATE ----->	07/26/96		07/26/96		07/26/96		07/26/96		07/26/96		07/26/96	
	DATE ANALYZED --->	08/11/96		08/11/96		08/11/96		08/11/96		08/11/96		08/11/96	
	MATRIX ---------->	Soil		Soil		Soil		Soil		Soil		Soil	
	UNITS ---------->	MG/KG	A	MG/KG	A	MG/KG	A	MG/KG	A	MG/KG	A	MG/KG	A
CAS #	Parameter	26434	VAL	26434	VAL	26434	VAL	26434	VAL	26434	VAL	26434	VAL
7723-14-0	Phosphorus	26.		55.2		89.9		27.4		76.8		42.7	

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PHOSPHORUS													
	SAMPLE ID ------->	018-S-G010-01		018-S-G010-02		018-S-G010-03		018-S-G010-04		018-S-G011-01		018-S-G011-02	
	ORIGINAL ID ----->	018SG01001		018SG01002		018SG01003		018SG01004		018SG01101		018SG01102	
	LAB SAMPLE ID --->	26434.05		26434.06		26434.07		26434.08		26421.15		26421.16	
	ID FROM REPORT -->	018SG01001		018SG01002		018SG01003		018SG01004		018SG01101		018SG01102	
	SAMPLE DATE ----->	07/26/96		07/26/96		07/26/96		07/26/96		07/25/96		07/25/96	
	DATE EXTRACTED -->									08/07/96		08/07/96	
	DATE ANALYZED --->	08/11/96		08/11/96		08/11/96		08/11/96		08/11/96		08/11/96	
	MATRIX ---------->	Soil		Soil		Soil		Soil		Soil		Soil	
	UNITS ---------->	MG/KG	A	MG/KG	A	MG/KG	A	MG/KG	A	MG/KG	A	MG/KG	A
CAS #	Parameter	26434	VAL	26434	VAL	26434	VAL	26434	VAL	26421	VAL	26421	VAL
7723-14-0	Phosphorus	191.	J	88.4		83.8		47.5		84.6		34.8	

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PHOSPHORUS													
	SAMPLE ID ------->	018-S-G011-03		018-S-G011-04		018-S-G012-01		018-S-G012-02		018-S-G012-03		018-S-G012-04	
	ORIGINAL ID ----->	018SG01103		018SG01104		018SG01201		018SG01202		018SG01203		018SG01204	
	LAB SAMPLE ID --->	26421.17		26421.18		26434.01		26434.02		26434.03		26434.04	
	ID FROM REPORT -->	018SG01103		018SG01104		018SG01201		018SG01202		018SG01203		018SG01204	
	SAMPLE DATE ----->	07/25/96		07/25/96		07/26/96		07/26/96		07/26/96		07/26/96	
	DATE EXTRACTED -->	08/07/96		08/07/96									
	DATE ANALYZED --->	08/11/96		08/11/96		08/11/96		08/11/96		08/11/96		08/11/96	
	MATRIX ---------->	Soil		Soil		Soil		Soil		Soil		Soil	
	UNITS ---------->	MG/KG	A	MG/KG	A	MG/KG	A	MG/KG	A	MG/KG	A	MG/KG	A
CAS #	Parameter	26421	VAL	26421	VAL	26434	VAL	26434	VAL	26434	VAL	26434	VAL
7723-14-0	Phosphorus	65.5		47.		174.		26.5		110.		60.9	

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SW846-META													
	SAMPLE ID ------->	018-S-B001-01		018-S-B001-02		018-S-B001-03		018-S-B002-01		018-S-B002-02		018-S-B002-03	
	ORIGINAL ID ----->	018SB00101		018SB00102		018SB00103		018SB00201		018SB00202		018SB00203	
	LAB SAMPLE ID --->	26340.01		26340.02		26340.03		26340.05		26340.06		26340.07	
	ID FROM REPORT -->	018SB00101		018SB00102		018SB00103		018SB00201		018SB00202		018SB00203	
	SAMPLE DATE ----->	07/17/96		07/17/96		07/17/96		07/17/96		07/17/96		07/17/96	
	DATE EXTRACTED -->	07/28/96		07/28/96		07/28/96		07/28/96		07/28/96		07/28/96	
	DATE ANALYZED --->	08/01/96		08/01/96		08/01/96		08/01/96		08/01/96		08/01/96	
	MATRIX ---------->	Soil		Soil		Soil		Soil		Soil		Soil	
	UNITS ---------->	MG/KG	A	MG/KG	A	MG/KG	A	MG/KG	A	MG/KG	A	MG/KG	A
CAS #	Parameter	26332	VAL	26332	VAL	26332	VAL	26332	VAL	26332	VAL	26332	VAL
7429-90-5	Aluminum (Al)	5080.		3980.		7180.		6290.		8990.		8980.	
7440-36-0	Antimony (Sb)	0.33	UJ	0.35	UJ	0.36	UJ	0.39	UJ	0.34	UJ	0.31	UJ
7440-38-2	Arsenic (As)	2.2		1.9		6.2		10.4		3.9		10.	
7440-39-3	Barium (Ba)	331.		89.2		53.	U	33.9	U	14.8	U	14.4	U
7440-41-7	Beryllium (Be)	0.41	U	0.35	U	0.37	U	0.51	U	0.16	U	0.29	U

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SW846-META													
	SAMPLE ID ------->	018-S-B002-04		018-S-B002-05		018-S-B003-01		018-S-B003-02		018-S-B003-03		018-S-B003-04	
	ORIGINAL ID ----->	018SB00204		018SB00205		018SB00301		018SB00302		018SB00303		018SB00304	
	LAB SAMPLE ID --->	26340.08		26510.01		26349.01		26349.02		26349.03		26349.04	
	ID FROM REPORT -->	018SB00204		018SB00205		018SB00301		018SB00302		018SB00303		018SB00304	
	SAMPLE DATE ----->	07/17/96		08/01/96		07/18/96		07/18/96		07/18/96		07/18/96	
	DATE EXTRACTED -->	07/28/96		08/18/96		07/28/96		07/28/96		07/28/96		07/28/96	
	DATE ANALYZED --->	08/01/96		08/18/96		08/01/96		08/01/96		08/01/96		08/01/96	
	MATRIX ---------->	Soil		Soil		Soil		Soil		Soil		Soil	
	UNITS ---------->	MG/KG	A	MG/KG	A	MG/KG	A	MG/KG	A	MG/KG	A	MG/KG	A
CAS #	Parameter	26332	VAL	26510	VAL	26332	VAL	26332	VAL	26332	VAL	26332	VAL
7429-90-5	Aluminum (Al)	6090.		8720.		5310.		9270.		8660.		3400.	
7440-36-0	Antimony (Sb)	0.33	UJ	0.35	U	0.31	UJ	0.33	UJ	0.33	UJ	0.33	UJ
7440-38-2	Arsenic (As)	7.3		5.2		3.8		2.8		7.5		7.7	
7440-39-3	Barium (Ba)	11.5	U	154.		43.1	U	36.	U	318.		14.4	U
7440-41-7	Beryllium (Be)	0.18	U	0.44		0.28	U	0.57		0.82		0.4	U

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SW846-META													
	SAMPLE ID ------->	018-S-B003-05		018-S-B003-06		018-S-B004-01		018-S-B004-02		018-S-B004-03		018-S-B005-01	
	ORIGINAL ID ----->	018SB00305		018SB00306		018SB00401		018SB00402		018SB00403		018SB00501	
	LAB SAMPLE ID --->	26349.05		26489.04		26349.06		26349.07		26349.08		26349.09	
	ID FROM REPORT -->	018SB00305		018SB00306		018SB00401		018SB00402		018SB00403		018SB00501	
	SAMPLE DATE ----->	07/18/96		07/31/96		07/18/96		07/18/96		07/18/96		07/18/96	
	DATE EXTRACTED -->	07/28/96		08/18/96		07/28/96		07/28/96		07/28/96		07/28/96	
	DATE ANALYZED --->	08/01/96		08/18/96		08/01/96		08/01/96		08/01/96		08/01/96	
	MATRIX ---------->	Soil		Soil		Soil		Soil		Soil		Soil	
	UNITS ---------->	MG/KG	A	MG/KG	A	MG/KG	A	MG/KG	A	MG/KG	A	MG/KG	A
CAS #	Parameter	26332	VAL	26473	VAL	26332	VAL	26332	VAL	26332	VAL	26332	VAL
7429-90-5	Aluminum (Al)	4180.		7870.		11200.		8360.		6240.		4810.	
7440-36-0	Antimony (Sb)	0.33	UJ	0.35	UJ	0.44	UJ	0.35	UJ	0.34	UJ	0.92	UJ
7440-38-2	Arsenic (As)	1.8		3.3	J	8.4		8.1		3.1		3.6	
7440-39-3	Barium (Ba)	38.	U	50.4	J	50.2	U	15.1	U	11.8	U	57.1	U
7440-41-7	Beryllium (Be)	0.47	U	0.6		0.34	U	0.18	U	0.16	U	0.33	U

NAVAL WEAPONS STATION
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SW846-META													
	SAMPLE ID ------->	018-S-B005-02		018-S-B005-03		018-S-B005-04		018-S-B005-05		018-S-B006-01		018-S-B006-02	
	ORIGINAL ID ----->	018SB00502		018SB00503		018SB00504		018SB00505		018SB00601		018SB00602	
	LAB SAMPLE ID --->	26349.12		26349.13		26349.14		26349.15		26421.01		26421.02	
	ID FROM REPORT -->	018SB00502		018SB00503		018SB00504		018SB00505		018SB00601		018SB00602	
	SAMPLE DATE ----->	07/18/96		07/18/96		07/18/96		07/18/96		07/25/96		07/25/96	
	DATE EXTRACTED -->	07/28/96		07/28/96		07/28/96		07/28/96		08/03/96		08/03/96	
	DATE ANALYZED --->	08/01/96		08/01/96		08/01/96		08/01/96		08/15/96		08/15/96	
	MATRIX ---------->	Soil		Soil		Soil		Soil		Soil		Soil	
	UNITS ---------->	MG/KG	A	MG/KG	A	MG/KG	A	MG/KG	A	MG/KG	A	MG/KG	A
CAS #	Parameter	26332	VAL	26332	VAL	26332	VAL	26332	VAL	26421	VAL	26421	VAL
7429-90-5	Aluminum (Al)	8260.		4340.		5280.		3880.		7510.		11400.	
7440-36-0	Antimony (Sb)	0.33	UJ	0.32	UJ	0.33	UJ	0.33	UJ	0.34	UJ	0.36	UJ
7440-38-2	Arsenic (As)	4.2		4.		6.6		1.5		3.6		4.9	
7440-39-3	Barium (Ba)	31.8	U	22.8	U	35.1	U	34.1	U	31.8		37.6	
7440-41-7	Beryllium (Be)	0.29	U	0.27	U	0.39	U	0.48	U	0.5		0.43	

NAVAL WEAPONS STATION
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SW846-META													
	SAMPLE ID ------->	018-S-B006-03		018-S-B006-04		018-S-B007-01		018-S-B007-02		018-S-B007-03		018-S-B007-04	
	ORIGINAL ID ----->	018SB00603		018SB00604		018SB00701		018SB00702		018SB00703		018SB00704	
	LAB SAMPLE ID --->	26421.03		26421.04		26397.05		26397.06		26397.07		26397.08	
	ID FROM REPORT -->	018SB00603		018SB00604		018SB00701		018SB00702		018SB00703		018SB00704	
	SAMPLE DATE ----->	07/25/96		07/25/96		07/23/96		07/23/96		07/23/96		07/23/96	
	DATE EXTRACTED -->	08/03/96		08/03/96		08/03/96		08/03/96		08/03/96		08/03/96	
	DATE ANALYZED --->	08/15/96		08/15/96		08/11/96		08/11/96		08/11/96		08/11/96	
	MATRIX ---------->	Soil		Soil		Soil		Soil		Soil		Soil	
	UNITS ---------->	MG/KG	A	MG/KG	A	MG/KG	A	MG/KG	A	MG/KG	A	MG/KG	A
CAS #	Parameter	26421	VAL	26421	VAL	26397	VAL	26397	VAL	26397	VAL	26397	VAL
7429-90-5	Aluminum (Al)	4250.		6540.		6800.		8950.		13900.		7270.	
7440-36-0	Antimony (Sb)	0.33	UJ	0.33	UJ	1.3	J	0.31	U	0.34	U	0.31	U
7440-38-2	Arsenic (As)	3.8		1.8		3.1		4.6		11.5		4.2	
7440-39-3	Barium (Ba)	10.6		15.6		59.		21.9		25.3		19.6	
7440-41-7	Beryllium (Be)	0.31		0.31		0.73		0.22	U	0.32	U	0.23	U

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SW846-META													
	SAMPLE ID ------->	018-S-B008-01		018-S-B008-02		018-S-B008-03		018-S-B008-04		018-S-B009-01		018-S-B010-01	
	ORIGINAL ID ----->	018SB00801		018SB00802		018SB00803		018SB00804		018SB00901		018SB01001	
	LAB SAMPLE ID --->	26404.01		26404.02		26404.03		26404.04		26404.08		26404.13	
	ID FROM REPORT -->	018SB00801		018SB00802		018SB00803		018SB00804		018SB00901		018SB01001	
	SAMPLE DATE ----->	07/24/96		07/24/96		07/24/96		07/24/96		07/24/96		07/24/96	
	DATE EXTRACTED -->	08/03/96		08/03/96		08/03/96		08/03/96		08/03/96		08/03/96	
	DATE ANALYZED --->	08/08/96		08/08/96		08/08/96		08/08/96		08/08/96		08/08/96	
	MATRIX ---------->	Soil		Soil		Soil		Soil		Soil		Soil	
	UNITS ---------->	MG/KG	A	MG/KG	A	MG/KG	A	MG/KG	A	MG/KG	A	MG/KG	A
CAS #	Parameter	26397	VAL	26397	VAL	26397	VAL	26397	VAL	26397	VAL	26397	VAL
7429-90-5	Aluminum (Al)	5870.		5100.		5420.		5010.		8410.		4100.	
7440-36-0	Antimony (Sb)	1.	J	0.32	U	0.32	U	0.34	U	1.7	J	0.32	U
7440-38-2	Arsenic (As)	4.2		2.3		7.8		3.7		6.5		2.4	
7440-39-3	Barium (Ba)	393.		12.2		12.9		17.1		382.		24.	
7440-41-7	Beryllium (Be)	0.23	U	0.12	U	0.15	U	0.46	U	0.67	U	0.12	U

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SW846-META													
	SAMPLE ID ------->	018-S-B010-02		018-S-B010-03		018-S-B010-04		018-S-B011-01		018-S-B011-02		018-S-B011-03	
	ORIGINAL ID ----->	018SB01002		018SB01003		018SB01004		018SB01101		018SB01102		018SB01103	
	LAB SAMPLE ID --->	26404.14		26404.15		26404.16		26364.02		26364.03		26364.04	
	ID FROM REPORT -->	018SB01002		018SB01003		018SB01004		018SB01101		018SB01102		018SB01103	
	SAMPLE DATE ----->	07/24/96		07/24/96		07/24/96		07/19/96		07/19/96		07/19/96	
	DATE EXTRACTED -->	08/03/96		08/03/96		08/03/96		07/28/96		07/28/96		07/28/96	
	DATE ANALYZED --->	08/08/96		08/08/96		08/08/96		08/05/96		08/05/96		08/05/96	
	MATRIX ---------->	Soil		Soil		Soil		Soil		Soil		Soil	
	UNITS ---------->	MG/KG	A	MG/KG	A	MG/KG	A	MG/KG	A	MG/KG	A	MG/KG	A
CAS #	Parameter	26397	VAL	26397	VAL	26397	VAL	26364	VAL	26364	VAL	26364	VAL
7429-90-5	Aluminum (Al)	3590.		4800.		8890.		4530.		6170.		7570.	
7440-36-0	Antimony (Sb)	0.32	U	0.31	U	0.34	U	1.7	U	0.32	UJ	0.43	UJ
7440-38-2	Arsenic (As)	3.7		3.5		6.6		3.4		4.8		4.	
7440-39-3	Barium (Ba)	43.7		14.9		18.3		184.		75.		22.2	
7440-41-7	Beryllium (Be)	0.16	U	0.14	U	0.2	U	0.28		0.13	J	0.18	J

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SW846-META													
	SAMPLE ID ------->	018-S-B011-04		018-S-B012-01		018-S-B012-02		018-S-B012-03		018-S-B012-04		018-S-B013-01	
	ORIGINAL ID ----->	018SB01104		018SB01201		018SB01202		018SB01203		018SB01204		018SB01301	
	LAB SAMPLE ID --->	26364.05		26364.06		26364.07		26364.08		26364.09		26364.10	
	ID FROM REPORT -->	018SB01104		018SB01201		018SB01202		018SB01203		018SB01204		018SB01301	
	SAMPLE DATE ----->	07/19/96		07/19/96		07/19/96		07/19/96		07/19/96		07/19/96	
	DATE EXTRACTED -->	07/28/96		07/28/96		07/28/96		07/28/96		07/28/96		07/28/96	
	DATE ANALYZED --->	08/05/96		08/05/96		08/05/96		08/05/96		08/05/96		08/05/96	
	MATRIX ---------->	Soil		Soil		Soil		Soil		Soil		Soil	
	UNITS ---------->	MG/KG	A	MG/KG	A	MG/KG	A	MG/KG	A	MG/KG	A	MG/KG	A
CAS #	Parameter	26364	VAL	26364	VAL	26364	VAL	26364	VAL	26364	VAL	26364	VAL
7429-90-5	Aluminum (Al)	4590.		5470.		6090.		12500.		4680.		5600.	
7440-36-0	Antimony (Sb)	0.33	UJ	2.4	U	0.32	UJ	0.34	UJ	0.35	UJ	0.34	UJ
7440-38-2	Arsenic (As)	2.2		4.7		3.7		6.1		2.8		3.2	
7440-39-3	Barium (Ba)	18.6		208.		33.7		36.4		17.3		173.	
7440-41-7	Beryllium (Be)	0.14	J	0.32	J	0.15	J	0.27		0.21	J	0.22	

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SW846-META													
	SAMPLE ID ------->	018-S-B013-02		018-S-B013-03		018-S-B013-04		018-S-B014-01		018-S-B014-02		018-S-B014-03	
	ORIGINAL ID ----->	018SB01302		018SB01303		018SB01304		018SB01401		018SB01402		018SB01403	
	LAB SAMPLE ID --->	26364.11		26364.12		26364.13		26379.09		26379.10		26379.11	
	ID FROM REPORT -->	018SB01302		018SB01303		018SB01304		018SB01401		018SB01402		018SB01403	
	SAMPLE DATE ----->	07/19/96		07/19/96		07/19/96		07/22/96		07/22/96		07/22/96	
	DATE EXTRACTED -->	07/28/96		07/28/96		07/28/96		07/31/96		07/31/96		07/31/96	
	DATE ANALYZED --->	08/05/96		08/05/96		08/05/96		08/05/96		08/05/96		08/05/96	
	MATRIX ---------->	Soil		Soil		Soil		Soil		Soil		Soil	
	UNITS ---------->	MG/KG	A	MG/KG	A	MG/KG	A	MG/KG	A	MG/KG	A	MG/KG	A
CAS #	Parameter	26364	VAL	26364	VAL	26364	VAL	26364	VAL	26364	VAL	26364	VAL
7429-90-5	Aluminum (Al)	10500.		4970.		9460.		5650.		8340.		9780.	
7440-36-0	Antimony (Sb)	0.33	UJ	0.33	UJ	0.34	UJ	1.	UJ	0.34	UJ	0.36	UJ
7440-38-2	Arsenic (As)	7.8		3.1		2.8		7.	J	3.6		18.7	
7440-39-3	Barium (Ba)	35.8		16.		32.5		105.		21.9		20.6	
7440-41-7	Beryllium (Be)	0.33		0.19	J	0.24		0.63		0.26		0.39	

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SW846-META													
	SAMPLE ID ------->	018-S-B014-04		018-S-B015-01		018-S-B015-02		018-S-B015-03		018-S-B015-04		018-S-B016-01	
	ORIGINAL ID ----->	018SB01404		018SB01501		018SB01502		018SB01503		018SB01504		018SB01601	
	LAB SAMPLE ID --->	26379.12		26397.01		26397.02		26397.03		26397.04		26379.05	
	ID FROM REPORT -->	018SB01404		018SB01501		018SB01502		018SB01503		018SB01504		018SB01601	
	SAMPLE DATE ----->	07/22/96		07/23/96		07/23/96		07/23/96		07/23/96		07/22/96	
	DATE EXTRACTED -->	07/31/96		08/03/96		08/03/96		08/03/96		08/03/96		07/31/96	
	DATE ANALYZED --->	08/05/96		08/11/96		08/11/96		08/11/96		08/11/96		08/05/96	
	MATRIX ---------->	Soil		Soil		Soil		Soil		Soil		Soil	
	UNITS ---------->	MG/KG	A	MG/KG	A	MG/KG	A	MG/KG	A	MG/KG	A	MG/KG	A
CAS #	Parameter	26364	VAL	26397	VAL	26397	VAL	26397	VAL	26397	VAL	26364	VAL
7429-90-5	Aluminum (Al)	5780.		7120.		7600.		6160.		8160.		3940.	
7440-36-0	Antimony (Sb)	0.36	UJ	0.34	U	0.33	U	0.34	U	0.33	U	1.3	UJ
7440-38-2	Arsenic (As)	2.4		3.6		3.9		5.5		3.6		2.5	
7440-39-3	Barium (Ba)	14.4		63.3		10.3		10.4		14.4		96.	
7440-41-7	Beryllium (Be)	0.18	J	0.18	U	0.16	U	0.13	U	0.26	U	0.31	

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SOIL SAMPLES

SW846-META													
	SAMPLE ID ------->	018-S-B016-02		018-S-B017-01		018-S-B017-02		018-S-B017-03		018-S-B017-04		018-S-B018-01	
	ORIGINAL ID ----->	018SB01602		018SB01701		018SB01702		018SB01703		018SB01704		018SB01801	
	LAB SAMPLE ID --->	26379.06		26404.09		26404.10		26404.11		26404.12		26379.01	
	ID FROM REPORT -->	018SB01602		018SB01701		018SB01702		018SB01703		018SB01704		018SB01801	
	SAMPLE DATE ----->	07/22/96		07/24/96		07/24/96		07/24/96		07/24/96		07/22/96	
	DATE EXTRACTED -->	07/31/96		08/03/96		08/03/96		08/03/96		08/03/96		07/31/96	
	DATE ANALYZED --->	08/05/96		08/08/96		08/08/96		08/08/96		08/08/96		08/05/96	
	MATRIX ---------->	Soil		Soil		Soil		Soil		Soil		Soil	
	UNITS ---------->	MG/KG	A	MG/KG	A	MG/KG	A	MG/KG	A	MG/KG	A	MG/KG	A
CAS #	Parameter	26364	VAL	26397	VAL	26397	VAL	26397	VAL	26397	VAL	26364	VAL
7429-90-5	Aluminum (Al)	3770.		5870.		7510.		5650.		6570.		3630.	
7440-36-0	Antimony (Sb)	1.5	UJ	0.4	J	0.32	U	0.33	U	0.92	J	0.35	UJ
7440-38-2	Arsenic (As)	3.		2.7		3.		5.1		4.6		2.4	
7440-39-3	Barium (Ba)	114.		141.		24.9		25.5		267.		32.8	
7440-41-7	Beryllium (Be)	0.34		0.32	U	0.18	U	0.28	U	0.25	U	0.35	

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SW846-META													
	SAMPLE ID ------->	018-S-B018-02		018-S-B018-03		018-S-B018-04		018-S-B019-01		018-S-B019-02		018-S-B019-03	
	ORIGINAL ID ----->	018SB01802		018SB01803		018SB01804		018SB01901		018SB01902		018SB01903	
	LAB SAMPLE ID --->	26379.02		26379.03		26379.04		26379.13		26379.14		26379.07	
	ID FROM REPORT -->	018SB01802		018SB01803		018SB01804		018SB01901		018SB01902		018SB01903	
	SAMPLE DATE ----->	07/22/96		07/22/96		07/22/96		07/22/96		07/22/96		07/22/96	
	DATE EXTRACTED -->	07/31/96		07/31/96		07/31/96		07/31/96		07/31/96		07/31/96	
	DATE ANALYZED --->	08/05/96		08/05/96		08/05/96		08/05/96		08/05/96		08/05/96	
	MATRIX ---------->	Soil		Soil		Soil		Soil		Soil		Soil	
	UNITS ---------->	MG/KG	A	MG/KG	A	MG/KG	A	MG/KG	A	MG/KG	A	MG/KG	A
CAS #	Parameter	26364	VAL	26364	VAL	26364	VAL	26364	VAL	26364	VAL	26364	VAL
7429-90-5	Aluminum (Al)	4910.		8420.		2480.		5920.		8450.		8560.	
7440-36-0	Antimony (Sb)	0.35	UJ	0.34	UJ	0.35	UJ	1.5	UJ	0.35	UJ	0.36	UJ
7440-38-2	Arsenic (As)	1.9		11.7		3.9		3.4		2.3		4.7	
7440-39-3	Barium (Ba)	39.		50.		33.1		126.		30.3		22.5	
7440-41-7	Beryllium (Be)	0.75		1.5		0.32		0.36		0.32		0.21	J

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SW846-META													
	SAMPLE ID ------->	018-S-B019-04		018-S-B020-01		018-S-B020-02		018-S-B020-03		018-S-B021-01		018-S-B021-02	
	ORIGINAL ID ----->	018SB01904		018SB02001		018SB02002		018SB02003		018SB02101		018SB02102	
	LAB SAMPLE ID --->	26379.08		27515.01		27515.02		27515.03		27515.04		27515.05	
	ID FROM REPORT -->	018SB01904		018SB02001		018SB02002		018SB02003		018SB02101		018SB02102	
	SAMPLE DATE ----->	07/22/96		11/05/96		11/05/96		11/05/96		11/05/96		11/05/96	
	DATE EXTRACTED -->	07/31/96		11/07/96		11/07/96		11/07/96		11/07/96		11/07/96	
	DATE ANALYZED --->	08/05/96		11/07/96		11/07/96		11/07/96		11/07/96		11/07/96	
	MATRIX ---------->	Soil		Soil		Soil		Soil		Soil		Soil	
	UNITS ---------->	MG/KG	A	MG/KG	A	MG/KG	A	MG/KG	A	MG/KG	A	MG/KG	A
CAS #	Parameter	26364	VAL	27515	VAL	27515	VAL	27515	VAL	27515	VAL	27515	VAL
7429-90-5	Aluminum (Al)	4140.		5650.		16400.		10600.		3590.		6370.	
7440-36-0	Antimony (Sb)	0.36	UJ	0.34	UJ	0.4	UJ	0.38	UJ	0.34	UJ	0.34	UJ
7440-38-2	Arsenic (As)	3.4		4.5	J	9.3	J	4.2	J	1.7	J	3.8	J
7440-39-3	Barium (Ba)	12.2		14.1		30.1		13.9		25.4		66.4	
7440-41-7	Beryllium (Be)	0.2	J	0.23	J	0.41		0.18	J	0.47		1.1	

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SW846-META													
	SAMPLE ID ------->	018-S-B021-03		018-S-B021-04		018-S-B022-01		018-S-B022-02		018-S-B022-03		018-S-B022-04	
	ORIGINAL ID ----->	018SB02103		018SB02104		018SB02201		018SB02202		018SB02203		018SB02204	
	LAB SAMPLE ID --->	27515.15		27515.08		27515.09		27515.11		27515.12		27515.13	
	ID FROM REPORT -->	018SB02103		018SB02104		018SB02201		018SB02202		018SB02203		018SB02204	
	SAMPLE DATE ----->	11/05/96		11/05/96		11/05/96		11/05/96		11/05/96		11/05/96	
	DATE EXTRACTED -->	11/07/96		11/07/96		11/07/96		11/07/96		11/07/96		11/07/96	
	DATE ANALYZED --->	11/07/96		11/07/96		11/07/96		11/07/96		11/07/96		11/07/96	
	MATRIX ---------->	Soil		Soil		Soil		Soil		Soil		Soil	
	UNITS ---------->	MG/KG	A	MG/KG	A	MG/KG	A	MG/KG	A	MG/KG	A	MG/KG	A
CAS #	Parameter	27515	VAL	27515	VAL	27515	VAL	27515	VAL	27515	VAL	27515	VAL
7429-90-5	Aluminum (Al)	10900.		15600.		4090.		1650.		6500.		4830.	
7440-36-0	Antimony (Sb)	0.37	UJ	0.37	UJ	0.35	UJ	0.34	UJ	0.36	UJ	0.36	UJ
7440-38-2	Arsenic (As)	5.9	J	3.6	J	2.4	J	0.94	J	4.2	J	2.2	J
7440-39-3	Barium (Ba)	30.		26.2		29.		11.7		19.2		20.3	
7440-41-7	Beryllium (Be)	0.24	J	0.33		0.22		0.08	J	0.21	J	0.21	J

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SW846-META													
	SAMPLE ID ------->	018-S-G001-01		018-S-G001-02		018-S-G001-03		018-S-G001-04		018-S-G002-01		018-S-G002-02	
	ORIGINAL ID ----->	018SG00101		018SG00102		018SG00103		018SG00104		018SG00201		018SG00202	
	LAB SAMPLE ID --->	26463.05		26463.08		26463.09		26463.10		26463.01		26463.02	
	ID FROM REPORT -->	018SG00101		018SG00102		018SG00103		018SG00104		018SG00201		018SG00202	
	SAMPLE DATE ----->	07/29/96		07/29/96		07/29/96		07/29/96		07/29/96		07/29/96	
	DATE EXTRACTED -->	08/15/96		08/15/96		08/15/96		08/15/96		08/15/96		08/15/96	
	DATE ANALYZED --->	08/16/96		08/16/96		08/16/96		08/16/96		08/16/96		08/16/96	
	MATRIX ---------->	Soil		Soil		Soil		Soil		Soil		Soil	
	UNITS ---------->	MG/KG	A	MG/KG	A	MG/KG	A	MG/KG	A	MG/KG	A	MG/KG	A
CAS #	Parameter	26463	VAL	26463	VAL	26463	VAL	26463	VAL	26463	VAL	26463	VAL
7429-90-5	Aluminum (Al)	2430.		7770.		6790.		9580.		6280.		9380.	
7440-36-0	Antimony (Sb)	0.83	UJ	0.37	UJ	0.43	UJ	0.32	UJ	2.5	UJ	1.3	UJ
7440-38-2	Arsenic (As)	2.1		4.1		8.7		4.6		5.3		11.4	
7440-39-3	Barium (Ba)	51.5		36.3		59.8		38.4		209.		2810.	
7440-41-7	Beryllium (Be)	0.23		0.37		0.63		0.62		0.32		0.23	

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SW846-META													
	SAMPLE ID ------->	018-S-G002-03		018-S-G002-04		018-S-G003-01		018-S-G003-02		018-S-G003-03		018-S-G003-04	
	ORIGINAL ID ----->	018SG00203		018SG00204		018SG00301		018SG00302		018SG00303		018SG00304	
	LAB SAMPLE ID --->	26463.03		26463.04		26421.05		26421.08		26421.09		26421.10	
	ID FROM REPORT -->	018SG00203		018SG00204		018SG00301		018SG00302		018SG00303		018SG00304	
	SAMPLE DATE ----->	07/29/96		07/29/96		07/25/96		07/25/96		07/25/96		07/25/96	
	DATE EXTRACTED -->	08/15/96		08/15/96		08/03/96		08/03/96		08/03/96		08/03/96	
	DATE ANALYZED --->	08/16/96		08/16/96		08/15/96		08/15/96		08/15/96		08/15/96	
	MATRIX ---------->	Soil		Soil		Soil		Soil		Soil		Soil	
	UNITS ---------->	MG/KG	A	MG/KG	A	MG/KG	A	MG/KG	A	MG/KG	A	MG/KG	A
CAS #	Parameter	26463	VAL	26463	VAL	26421	VAL	26421	VAL	26421	VAL	26421	VAL
7429-90-5	Aluminum (Al)	8590.		4790.		5530.		8490.		9400.		3650.	
7440-36-0	Antimony (Sb)	0.32	UJ	0.5	UJ	2.	J	0.33	UJ	0.34	UJ	0.33	UJ
7440-38-2	Arsenic (As)	3.		3.9		3.6		4.		3.4		3.6	
7440-39-3	Barium (Ba)	21.9		62.7		204.		37.3		24.7		19.8	
7440-41-7	Beryllium (Be)	0.2	J	0.19	J	0.28		0.21	J	0.19	J	0.16	J

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SW846-META													
	SAMPLE ID ------->	018-S-G004-01		018-S-G004-02		018-S-G004-03		018-S-G004-04		018-S-G005-01		018-S-G005-02	
	ORIGINAL ID ----->	018SG00401		018SG00402		018SG00403		018SG00404		018SG00501		018SG00502	
	LAB SAMPLE ID --->	26421.11		26421.12		26421.13		26421.14		26473.05		26473.08	
	ID FROM REPORT -->	018SG00401		018SG00402		018SG00403		018SG00404		018SG00501		018SG00502	
	SAMPLE DATE ----->	07/25/96		07/25/96		07/25/96		07/25/96		07/30/96		07/30/96	
	DATE EXTRACTED -->	08/03/96		08/03/96		08/03/96		08/03/96		08/18/96		08/18/96	
	DATE ANALYZED --->	08/15/96		08/15/96		08/15/96		08/15/96		08/19/96		08/19/96	
	MATRIX ---------->	Soil		Soil		Soil		Soil		Soil		Soil	
	UNITS ---------->	MG/KG	A	MG/KG	A	MG/KG	A	MG/KG	A	MG/KG	A	MG/KG	A
CAS #	Parameter	26421	VAL	26421	VAL	26421	VAL	26421	VAL	26473	VAL	26473	VAL
7429-90-5	Aluminum (Al)	7080.		10900.		7020.		5670.		5600.		6990.	
7440-36-0	Antimony (Sb)	0.97	J	0.34	UJ	0.34	UJ	0.32	UJ	0.91	UJ	0.33	UJ
7440-38-2	Arsenic (As)	4.4		5.6		8.7		2.6		4.6	J	6.	J
7440-39-3	Barium (Ba)	242.		17.		15.5		14.4		220.	J	14.	J
7440-41-7	Beryllium (Be)	0.22		0.17	J	0.28		0.17	J	0.28		0.23	

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SW846-META													
	SAMPLE ID ------->	018-S-G005-03		018-S-G005-04		018-S-G006-01		018-S-G006-02		018-S-G006-03		018-S-G006-04	
	ORIGINAL ID ----->	018SG00503		018SG00504		018SG00601		018SG00602		018SG00603		018SG00604	
	LAB SAMPLE ID --->	26473.09		26473.10		26473.01		26473.02		26473.03		26473.04	
	ID FROM REPORT -->	018SG00503		018SG00504		018SG00601		018SG00602		018SG00603		018SG00604	
	SAMPLE DATE ----->	07/30/96		07/30/96		07/30/96		07/30/96		07/30/96		07/30/96	
	DATE EXTRACTED -->	08/18/96		08/18/96		08/18/96		08/18/96		08/18/96		08/18/96	
	DATE ANALYZED --->	08/19/96		08/19/96		08/19/96		08/19/96		08/19/96		08/19/96	
	MATRIX ---------->	Soil		Soil		Soil		Soil		Soil		Soil	
	UNITS ---------->	MG/KG	A	MG/KG	A	MG/KG	A	MG/KG	A	MG/KG	A	MG/KG	A
CAS #	Parameter	26473	VAL	26473	VAL	26473	VAL	26473	VAL	26473	VAL	26473	VAL
7429-90-5	Aluminum (Al)	5790.		7300.		6710.		4150.		5950.		4270.	
7440-36-0	Antimony (Sb)	0.33	UJ	0.35	UJ	1.6	UJ	0.32	UJ	0.38	UJ	0.35	UJ
7440-38-2	Arsenic (As)	1.6	J	3.3	J	6.	J	3.	J	1.3	J	1.4	J
7440-39-3	Barium (Ba)	18.8	J	132.	J	355.	J	164.	J	50.5	J	16.	J
7440-41-7	Beryllium (Be)	0.14	J	0.5		0.24		0.19	J	0.12	J	0.13	J

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SW846-META													
	SAMPLE ID ------->	018-S-G007-01		018-S-G007-02		018-S-G007-03		018-S-G007-04		018-S-G008-01		018-S-G008-02	
	ORIGINAL ID ----->	018SG00701		018SG00702		018SG00703		018SG00704		018SG00801		018SG00802	
	LAB SAMPLE ID --->	26463.11		26463.14		26463.15		26463.16		26434.14		26434.15	
	ID FROM REPORT -->	018SG00701		018SG00702		018SG00703		018SG00704		018SG00801		018SG00802	
	SAMPLE DATE ----->	07/29/96		07/29/96		07/29/96		07/29/96		07/26/96		07/26/96	
	DATE EXTRACTED -->	08/15/96		08/15/96		08/15/96		08/15/96		08/14/96		08/14/96	
	DATE ANALYZED --->	08/16/96		08/16/96		08/16/96		08/16/96		08/15/96		08/15/96	
	MATRIX ---------->	Soil		Soil		Soil		Soil		Soil		Soil	
	UNITS ---------->	MG/KG	A	MG/KG	A	MG/KG	A	MG/KG	A	MG/KG	A	MG/KG	A
CAS #	Parameter	26463	VAL	26463	VAL	26463	VAL	26463	VAL	26434	VAL	26434	VAL
7429-90-5	Aluminum (Al)	5640.		9160.		4700.		7360.		8760.		10900.	
7440-36-0	Antimony (Sb)	0.47	UJ	0.3	UJ	0.31	UJ	0.31	UJ	0.33	U	0.33	U
7440-38-2	Arsenic (As)	3.7		5.3		3.3		2.7		3.1		3.4	
7440-39-3	Barium (Ba)	64.4		10.9		12.		19.1		94.4	J	20.6	
7440-41-7	Beryllium (Be)	0.22		0.15	J	0.16	J	0.21		0.27		0.19	J

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SW846-META													
	SAMPLE ID ------->	018-S-G008-03		018-S-G009-01		018-S-G009-02		018-S-G009-03		018-S-G009-04		018-S-G010-01	
	ORIGINAL ID ----->	018SG00803		018SG00901		018SG00902		018SG00903		018SG00904		018SG01001	
	LAB SAMPLE ID --->	26434.16		26434.09		26434.10		26434.11		26434.12		26434.05	
	ID FROM REPORT -->	018SG00803		018SG00901		018SG00902		018SG00903		018SG00904		018SG01001	
	SAMPLE DATE ----->	07/26/96		07/26/96		07/26/96		07/26/96		07/26/96		07/26/96	
	DATE EXTRACTED -->	08/14/96		08/14/96		08/14/96		08/14/96		08/14/96		08/14/96	
	DATE ANALYZED --->	08/15/96		08/15/96		08/15/96		08/15/96		08/15/96		08/15/96	
	MATRIX ---------->	Soil		Soil		Soil		Soil		Soil		Soil	
	UNITS ---------->	MG/KG	A	MG/KG	A	MG/KG	A	MG/KG	A	MG/KG	A	MG/KG	A
CAS #	Parameter	26434	VAL	26434	VAL	26434	VAL	26434	VAL	26434	VAL	26434	VAL
7429-90-5	Aluminum (Al)	6580.		6480.		10800.		10400.		4000.		4270.	
7440-36-0	Antimony (Sb)	0.33	U	0.47	U	0.32	U	0.32	U	0.35	U	0.42	U
7440-38-2	Arsenic (As)	2.2		3.		4.		5.6		2.		1.7	
7440-39-3	Barium (Ba)	14.5		92.6		23.9		16.6		9.9		63.	
7440-41-7	Beryllium (Be)	0.17	J	0.44		0.26		0.23		0.13	J	0.26	

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SW846-META																			
	SAMPLE ID ------->	018-S-G010-02		018-S-G010-03		018-S-G010-04		018-S-G011-01		018-S-G011-02		018-S-G011-03	
	ORIGINAL ID ----->	018SG01002		018SG01003		018SG01004		018SG01101		018SG01102		018SG01103	
	LAB SAMPLE ID --->	26434.06		26434.07		26434.08		26421.15		26421.16		26421.17	
	ID FROM REPORT -->	018SG01002		018SG01003		018SG01004		018SG01101		018SG01102		018SG01103	
	SAMPLE DATE ----->	07/26/96		07/26/96		07/26/96		07/25/96		07/25/96		07/25/96	
	DATE EXTRACTED -->	08/14/96		08/14/96		08/14/96		08/03/96		08/03/96		08/03/96	
	DATE ANALYZED --->	08/15/96		08/15/96		08/15/96		08/15/96		08/15/96		08/15/96	
	MATRIX ---------->	Soil		Soil		Soil		Soil		Soil		Soil	
	UNITS ---------->	MG/KG	A	MG/KG	A	MG/KG	A	MG/KG	A	MG/KG	A	MG/KG	A
CAS #	Parameter	26434	VAL	26434	VAL	26434	VAL	26421	VAL	26421	VAL	26421	VAL
7429-90-5	Aluminum (Al)	8600.		5850.		5450.		4000.		4910.		5670.	
7440-36-0	Antimony (Sb)	0.33	U	0.33	U	0.33	U	0.33	UJ	0.32	UJ	0.32	UJ
7440-38-2	Arsenic (As)	5.3		3.4		2.4		2.1		2.1		4.8	
7440-39-3	Barium (Ba)	12.		11.8		14.2		31.5		24.9		15.	
7440-41-7	Beryllium (Be)	0.26		0.15	J	0.13	J	0.23		0.28		0.22	

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SW846-META											
	SAMPLE ID ------->	018-S-G011-04		018-S-G012-01		018-S-G012-02		018-S-G012-03		018-S-G012-04	
	ORIGINAL ID ----->	018SG01104		018SG01201		018SG01202		018SG01203		018SG01204	
	LAB SAMPLE ID --->	26421.18		26434.01		26434.02		26434.03		26434.04	
	ID FROM REPORT -->	018SG01104		018SG01201		018SG01202		018SG01203		018SG01204	
	SAMPLE DATE ----->	07/25/96		07/26/96		07/26/96		07/26/96		07/26/96	
	DATE EXTRACTED -->	08/03/96		08/14/96		08/14/96		08/14/96		08/14/96	
	DATE ANALYZED --->	08/15/96		08/15/96		08/15/96		08/15/96		08/15/96	
	MATRIX ---------->	Soil		Soil		Soil		Soil		Soil	
	UNITS ---------->	MG/KG	A	MG/KG	A	MG/KG	A	MG/KG	A	MG/KG	A
CAS #	Parameter	26421	VAL	26434	VAL	26434	VAL	26434	VAL	26434	VAL
7429-90-5	Aluminum (Al)	6400.		4400.		7640.		9020.		3870.	
7440-36-0	Antimony (Sb)	0.32	UJ	0.31	U	0.31	U	0.34	U	0.33	U
7440-38-2	Arsenic (As)	5.3		2.8		2.4		3.1		2.6	
7440-39-3	Barium (Ba)	22.3		27.6		14.4		15.2		11.4	
7440-41-7	Beryllium (Be)	0.26		0.24		0.15	J	0.16	J	0.13	J

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SW846-PEST													
	SAMPLE ID ------->	018-S-B001-01		018-S-B001-02		018-S-B001-03		018-S-B002-01		018-S-B002-02		018-S-B002-03	
	ORIGINAL ID ----->	018SB00101		018SB00102		018SB00103		018SB00201		018SB00202		018SB00203	
	LAB SAMPLE ID --->	26340.01		26340.02		26340.03		26340.05		26340.06		26340.07	
	ID FROM REPORT -->	018SB00101		018SB00102		018SB00103		018SB00201		018SB00202		018SB00203	
	SAMPLE DATE ----->	07/17/96		07/17/96		07/17/96		07/17/96		07/17/96		07/17/96	
	DATE EXTRACTED -->	07/28/96		07/28/96		07/28/96		07/28/96		07/28/96		07/28/96	
	DATE ANALYZED --->	08/08/96		08/08/96		08/08/96		08/08/96		08/08/96		08/08/96	
	MATRIX ---------->	Soil		Soil		Soil		Soil		Soil		Soil	
	UNITS ---------->	UG/KG	A	UG/KG	A	UG/KG	A	UG/KG	A	UG/KG	A	UG/KG	A
CAS #	Parameter	26332	VAL	26332	VAL	26332	VAL	26332	VAL	26332	VAL	26332	VAL
319-84-6	alpha-BHC	1.4	U	1.4	U	1.5	U	1.3	U	1.4	U	1.4	U
319-85-7	beta-BHC	1.4	U	1.4	U	1.5	U	1.3	U	1.4	U	1.4	U
319-86-8	delta-BHC	1.4	U	1.4	U	1.5	U	1.3	U	1.4	U	1.4	U
58-89-9	gamma-BHC (Lindane)	1.4	U	1.4	U	1.5	U	1.3	U	1.4	U	1.4	U
76-44-8	Heptachlor	2.8		1.5		1.5	U	1.3	U	1.4	U	1.4	U

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SW846-PEST													
	SAMPLE ID ------->	018-S-B002-04		018-S-B002-05		018-S-B003-01		018-S-B003-02		018-S-B003-03		018-S-B003-04	
	ORIGINAL ID ----->	018SB00204		018SB00205		018SB00301		018SB00302		018SB00303		018SB00304	
	LAB SAMPLE ID --->	26340.08		26510.01		26349.01		26349.02		26349.03		26349.04	
	ID FROM REPORT -->	018SB00204		018SB00205		018SB00301		018SB00302		018SB00303		018SB00304	
	SAMPLE DATE ----->	07/17/96		08/01/96		07/18/96		07/18/96		07/18/96		07/18/96	
	DATE EXTRACTED -->	07/28/96		08/06/96		07/23/96		07/23/96		07/23/96		07/23/96	
	DATE ANALYZED --->	08/08/96		08/21/96		08/02/96		08/02/96		08/02/96		08/02/96	
	MATRIX ---------->	Soil		Soil		Soil		Soil		Soil		Soil	
	UNITS ---------->	UG/KG	A	UG/KG	A	UG/KG	A	UG/KG	A	UG/KG	A	UG/KG	A
CAS #	Parameter	26332	VAL	26510	VAL	26332	VAL	26332	VAL	26332	VAL	26332	VAL
319-84-6	alpha-BHC	1.3	U	1.5	UJ	1.4	U	1.4	U	1.4	U	1.4	U
319-85-7	beta-BHC	1.3	U	1.5	UJ	1.4	U	1.4	U	1.4	U	1.4	U
319-86-8	delta-BHC	1.3	U	1.5	U	1.4	U	1.4	U	1.4	U	1.4	U
58-89-9	gamma-BHC (Lindane)	1.3	U	1.5	UJ	1.4	U	1.4	U	1.4	U	1.4	U
76-44-8	Heptachlor	1.3	U	1.5	U	1.4	U	1.4	U	1.4	U	1.4	U

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SW846-PEST													
	SAMPLE ID ------->	018-S-B003-05		018-S-B003-06		018-S-B004-01		018-S-B004-02		018-S-B004-03		018-S-B005-01	
	ORIGINAL ID ----->	018SB00305		018SB00306		018SB00401		018SB00402		018SB00403		018SB00501	
	LAB SAMPLE ID --->	26349.05		26489.04		26349.06		26349.07		26349.08		26349.09	
	ID FROM REPORT -->	018SB00305		018SB00306		018SB00401		018SB00402		018SB00403		018SB00501	
	SAMPLE DATE ----->	07/18/96		07/31/96		07/18/96		07/18/96		07/18/96		07/18/96	
	DATE EXTRACTED -->	07/23/96		08/06/96		07/23/96		07/23/96		07/28/96		07/23/96	
	DATE ANALYZED --->	08/02/96		08/21/96		08/02/96		08/04/96		08/08/96		08/04/96	
	MATRIX ---------->	Soil		Soil		Soil		Soil		Soil		Soil	
	UNITS ---------->	UG/KG	A	UG/KG	A	UG/KG	A	UG/KG	A	UG/KG	A	UG/KG	A
CAS #	Parameter	26332	VAL	26473	VAL	26332	VAL	26332	VAL	26332	VAL	26332	VAL
319-84-6	alpha-BHC	1.4	U	1.5	U	1.4	U	1.5	U	1.5	U	1.4	U
319-85-7	beta-BHC	1.4	U	1.5	U	1.4	U	1.5	U	1.5	U	1.4	U
319-86-8	delta-BHC	1.4	U	1.5	U	1.4	U	1.5	U	1.5	U	1.4	U
58-89-9	gamma-BHC (Lindane)	1.4	U	1.5	U	1.4	U	1.5	U	1.5	U	1.4	UJ
76-44-8	Heptachlor	1.4	U	1.5	U	1.4	U	1.5	U	1.5	U	1.4	UJ

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SW846-PEST													
	SAMPLE ID ------->	018-S-B005-02		018-S-B005-03		018-S-B005-04		018-S-B005-05		018-S-B006-01		018-S-B006-02	
	ORIGINAL ID ----->	018SB00502		018SB00503		018SB00504		018SB00505		018SB00601		018SB00602	
	LAB SAMPLE ID --->	26349.12		26349.13		26349.14		26349.15		26421.01		26421.02	
	ID FROM REPORT -->	018SB00502		018SB00503		018SB00504		018SB00505		018SB00601		018SB00602	
	SAMPLE DATE ----->	07/18/96		07/18/96		07/18/96		07/18/96		07/25/96		07/25/96	
	DATE EXTRACTED -->	07/28/96		07/28/96		07/23/96		07/23/96		07/28/96		07/28/96	
	DATE ANALYZED --->	08/08/96		08/08/96		08/04/96		08/04/96		08/09/96		08/09/96	
	MATRIX ---------->	Soil		Soil		Soil		Soil		Soil		Soil	
	UNITS ----------->	UG/KG	A	UG/KG	A	UG/KG	A	UG/KG	A	UG/KG	A	UG/KG	A
CAS #	Parameter	26332	VAL	26332	VAL	26332	VAL	26332	VAL	26421	VAL	26421	VAL
319-84-6	alpha-BHC	1.4	U	1.4	U	1.4	U	1.4	U	1.5	UJ	1.6	UJ
319-85-7	beta-BHC	1.4	U	1.4	U	1.4	U	1.4	U	1.5	UJ	1.6	UJ
319-86-8	delta-BHC	1.4	U	1.4	U	1.4	U	1.4	U	1.5	U	1.6	U
58-89-9	gamma-BHC (Lindane)	1.4	U	1.4	U	1.4	U	1.4	U	1.5	UJ	1.6	UJ
76-44-8	Heptachlor	1.4	U	1.4	U	1.4	U	1.4	U	1.5	U	1.6	U

NAVAL WEAPONS STATION
NAVAL WEAPONS STATION (SOIL)
SOIL SAMPLES

SW846-PEST													
	SAMPLE ID ------->	018-S-B006-03		018-S-B006-04		018-S-B007-01		018-S-B007-02		018-S-B007-03		018-S-B007-04	
	ORIGINAL ID ----->	018SB00603		018SB00604		018SB00701		018SB00702		018SB00703		018SB00704	
	LAB SAMPLE ID --->	26421.03		26421.04		26397.05		26397.06		26397.07		26397.08	
	ID FROM REPORT -->	018SB00603		018SB00604		018SB00701		018SB00702		018SB00703		018SB00704	
	SAMPLE DATE ----->	07/25/96		07/25/96		07/23/96		07/23/96		07/23/96		07/23/96	
	DATE EXTRACTED -->	07/28/96		07/28/96		07/27/96		07/27/96		07/27/96		07/27/96	
	DATE ANALYZED --->	08/09/96		08/09/96		08/09/96		08/09/96		08/09/96		08/09/96	
	MATRIX ---------->	Soil		Soil		Soil		Soil		Soil		Soil	
	UNITS ---------->	UG/KG	A	UG/KG	A	UG/KG	A	UG/KG	A	UG/KG	A	UG/KG	A
CAS #	Parameter	26421	VAL	26421	VAL	26397	VAL	26397	VAL	26397	VAL	26397	VAL
319-84-6	alpha-BHC	1.4	UJ	1.4	UJ	1.3	UJ	1.3	UJ	1.4	UJ	1.3	UJ
319-85-7	beta-BHC	1.4	UJ	1.4	UJ	1.3	UJ	1.3	UJ	1.4	UJ	1.3	UJ
319-86-8	delta-BHC	1.4	U	1.4	U	1.3	UJ	1.3	U	1.4	U	1.3	U
58-89-9	gamma-BHC (Lindane)	1.4	UJ	1.4	UJ	1.3	UJ	1.3	U	1.4	U	1.3	U
76-44-8	Heptachlor	1.4	U	1.4	U	1.3	UJ	1.3	U	1.4	U	1.3	U

NAVAL WEAPONS STATION
NAVAL WEAPONS STATION (SOIL)
SOIL SAMPLES

SW846-PEST													
	SAMPLE ID ------->	018-S-B008-01		018-S-B008-02		018-S-B008-03		018-S-B008-04		018-S-B009-01		018-S-B010-01	
	ORIGINAL ID ----->	018SB00801		018SB00802		018SB00803		018SB00804		018SB00901		018SB01001	
	LAB SAMPLE ID --->	26404.01		26404.02		26404.03		26404.04		26404.08		26404.13	
	ID FROM REPORT -->	018SB00801		018SB00802		018SB00803		018SB00804		018SB00901		018SB01001	
	SAMPLE DATE ----->	07/24/96		07/24/96		07/24/96		07/24/96		07/24/96		07/24/96	
	DATE EXTRACTED -->	07/27/96		07/27/96		07/27/96		07/27/96		07/27/96		07/27/96	
	DATE ANALYZED --->	08/09/96		08/09/96		08/09/96		08/10/96		08/13/96		08/13/96	
	MATRIX ---------->	Soil		Soil		Soil		Soil		Soil		Soil	
	UNITS ---------->	UG/KG	A	UG/KG	A	UG/KG	A	UG/KG	A	UG/KG	A	UG/KG	A
CAS #	Parameter	26397	VAL	26397	VAL	26397	VAL	26397	VAL	26397	VAL	26397	VAL
319-84-6	alpha-BHC	1.5	UJ	1.4	UJ	1.4	UJ	1.5	UJ	2.4	UJ	1.4	UJ
319-85-7	beta-BHC	1.5	UJ	1.4	UJ	1.4	UJ	1.5	U	2.4	UJ	1.4	UJ
319-86-8	delta-BHC	1.8	J	1.4	U	1.4	U	1.5	U	2.4	U	1.4	U
58-89-9	gamma-BHC (Lindane)	1.5	U	1.4	U	1.4	U	1.5	U	2.4	UJ	1.4	UJ
76-44-8	Heptachlor	1.5	U	1.4	U	1.4	U	1.5	U	4.	J	1.4	U

NAVAL WEAPONS STATION
NAVAL WEAPONS STATION (SOIL)
SOIL SAMPLES

SW846-PEST													
	SAMPLE ID ------->	018-S-B010-02		018-S-B010-03		018-S-B010-04		018-S-B011-01		018-S-B011-02		018-S-B011-03	
	ORIGINAL ID ----->	018SB01002		018SB01003		018SB01004		018SB01101		018SB01102		018SB01103	
	LAB SAMPLE ID --->	26404.14		26404.15		26404.16		26364.02		26364.03		26364.04	
	ID FROM REPORT -->	018SB01002		018SB01003		018SB01004		018SB01101		018SB01102		018SB01103	
	SAMPLE DATE ----->	07/24/96		07/24/96		07/24/96		07/19/96		07/19/96		07/19/96	
	DATE EXTRACTED -->	07/27/96		07/27/96		07/27/96		07/23/96		07/23/96		07/23/96	
	DATE ANALYZED --->	08/13/96		08/13/96		08/13/96		08/07/96		08/07/96		08/07/96	
	MATRIX ---------->	Soil		Soil		Soil		Soil		Soil		Soil	
	UNITS ---------->	UG/KG	A	UG/KG	A	UG/KG	A	UG/KG	A	UG/KG	A	UG/KG	A
CAS #	Parameter	26397	VAL	26397	VAL	26397	VAL	26364	VAL	26364	VAL	26364	VAL
319-84-6	alpha-BHC	1.4	UJ	1.4	UJ	1.5	UJ	1.4	U	1.4	U	1.5	U
319-85-7	beta-BHC	1.4	UJ	1.4	UJ	1.5	UJ	1.4	U	1.4	U	1.5	U
319-86-8	delta-BHC	1.4	U	1.4	U	1.5	U	1.4	U	1.4	U	1.5	U
58-89-9	gamma-BHC (Lindane)	1.4	UJ	1.4	UJ	1.5	UJ	1.4	U	1.4	U	1.5	U
76-44-8	Heptachlor	1.4	U	1.4	U	1.5	U	1.4	U	1.5		1.7	

NAVAL WEAPONS STATION
NAVAL WEAPONS STATION (SOIL)
SOIL SAMPLES

SW846-PEST													
	SAMPLE ID ------->	018-S-B011-04		018-S-B012-01		018-S-B012-02		018-S-B012-03		018-S-B012-04		018-S-B013-01	
	ORIGINAL ID ----->	018SB01104		018SB01201		018SB01202		018SB01203		018SB01204		018SB01301	
	LAB SAMPLE ID --->	26364.05		26364.06		26364.07		26364.08		26364.09		26364.10	
	ID FROM REPORT -->	018SB01104		018SB01201		018SB01202		018SB01203		018SB01204		018SB01301	
	SAMPLE DATE ----->	07/19/96		07/19/96		07/19/96		07/19/96		07/19/96		07/19/96	
	DATE EXTRACTED -->	07/23/96		07/23/96		07/23/96		07/23/96		07/23/96		07/23/96	
	DATE ANALYZED --->	08/07/96		08/07/96		08/07/96		08/07/96		08/07/96		08/07/96	
	MATRIX ---------->	Soil		Soil		Soil		Soil		Soil		Soil	
	UNITS ---------->	UG/KG	A	UG/KG	A	UG/KG	A	UG/KG	A	UG/KG	A	UG/KG	A
CAS #	Parameter	26364	VAL	26364	VAL	26364	VAL	26364	VAL	26364	VAL	26364	VAL
319-84-6	alpha-BHC	1.4	U	1.4	UJ	1.4	U	1.5	U	1.5	U	1.4	U
319-85-7	beta-BHC	1.4	U	1.4	UJ	1.4	U	1.5	U	1.5	U	1.4	U
319-86-8	delta-BHC	1.4	U	1.4	UJ	1.4	U	1.5	U	1.5	U	1.4	U
58-89-9	gamma-BHC (Lindane)	1.4	U	1.4	UJ	1.4	U	1.5	U	1.5	U	1.4	U
76-44-8	Heptachlor	1.9	J	1.4	UJ	1.4	U	1.5	U	1.5	U	1.4	U

NAVAL WEAPONS STATION
NAVAL WEAPONS STATION (SOIL)
SOIL SAMPLES

SW846-PEST													
	SAMPLE ID ------->	018-S-B013-02		018-S-B013-03		018-S-B013-04		018-S-B014-01		018-S-B014-02		018-S-B014-03	
	ORIGINAL ID ----->	018SB01302		018SB01303		018SB01304		018SB01401		018SB01402		018SB01403	
	LAB SAMPLE ID --->	26364.11		26364.12		26364.13		26379.09		26379.10		26379.11	
	ID FROM REPORT -->	018SB01302		018SB01303		018SB01304		018SB01401		018SB01402		018SB01403	
	SAMPLE DATE ----->	07/19/96		07/19/96		07/19/96		07/22/96		07/22/96		07/22/96	
	DATE EXTRACTED -->	07/23/96		07/23/96		07/23/96		07/24/96		07/24/96		07/24/96	
	DATE ANALYZED --->	08/07/96		08/07/96		08/07/96		08/03/96		08/08/96		08/03/96	
	MATRIX ---------->	Soil		Soil		Soil		Soil		Soil		Soil	
	UNITS ---------->	UG/KG	A	UG/KG	A	UG/KG	A	UG/KG	A	UG/KG	A	UG/KG	A
CAS #	Parameter	26364	VAL	26364	VAL	26364	VAL	26364	VAL	26364	VAL	26364	VAL
319-84-6	alpha-BHC	1.4	U	1.4	U	1.5	U	1.4	U	1.5	U	1.6	U
319-85-7	beta-BHC	1.4	U	1.4	U	1.5	U	1.4	U	1.5	U	1.6	U
319-86-8	delta-BHC	1.4	U	1.4	U	1.5	U	1.4	U	1.5	U	1.6	U
58-89-9	gamma-BHC (Lindane)	1.4	U	1.4	U	1.5	U	1.4	U	1.5	U	1.6	U
76-44-8	Heptachlor	1.4	U	1.4	U	1.5	U	1.4	U	1.5	U	1.6	U

NAVAL WEAPONS STATION
NAVAL WEAPONS STATION (SOIL)
SOIL SAMPLES

SW846-PEST													
	SAMPLE ID ------->	018-S-B014-04		018-S-B015-01		018-S-B015-02		018-S-B015-03		018-S-B015-04		018-S-B016-01	
	ORIGINAL ID ----->	018SB01404		018SB01501		018SB01502		018SB01503		018SB01504		018SB01601	
	LAB SAMPLE ID --->	26379.12		26397.01		26397.02		26397.03		26397.04		26379.05	
	ID FROM REPORT -->	018SB01404		018SB01501		018SB01502		018SB01503		018SB01504		018SB01601	
	SAMPLE DATE ----->	07/22/96		07/23/96		07/23/96		07/23/96		07/23/96		07/22/96	
	DATE EXTRACTED -->	07/24/96		07/27/96		07/27/96		07/27/96		07/27/96		07/24/96	
	DATE ANALYZED --->	08/03/96		08/09/96		08/09/96		08/09/96		08/09/96		08/03/96	
	MATRIX ---------->	Soil		Soil		Soil		Soil		Soil		Soil	
	UNITS ---------->	UG/KG	A	UG/KG	A	UG/KG	A	UG/KG	A	UG/KG	A	UG/KG	A
CAS #	Parameter	26364	VAL	26397	VAL	26397	VAL	26397	VAL	26397	VAL	26364	VAL
319-84-6	alpha-BHC	1.6	U	1.4	UJ	1.4	UJ	1.4	UJ	1.6	UJ	1.4	U
319-85-7	beta-BHC	1.6	U	1.4	UJ	1.4	UJ	1.4	UJ	1.6	UJ	1.4	U
319-86-8	delta-BHC	1.6	U	1.4	U	1.4	UJ	1.4	U	1.6	U	1.4	U
58-89-9	gamma-BHC (Lindane)	1.6	U	1.4	U	1.4	UJ	1.4	U	1.6	U	1.4	U
76-44-8	Heptachlor	1.6	U	1.4	U	1.4	UJ	1.4	U	1.6	U	1.4	U

NAVAL WEAPONS STATION
NAVAL WEAPONS STATION (SOIL)
SOIL SAMPLES

SW846-PEST													
	SAMPLE ID ------->	018-S-B016-02		018-S-B017-01		018-S-B017-02		018-S-B017-03		018-S-B017-04		018-S-B018-01	
	ORIGINAL ID ----->	018SB01602		018SB01701		018SB01702		018SB01703		018SB01704		018SB01801	
	LAB SAMPLE ID --->	26379.06		26404.09		26404.10		26404.11		26404.12		26379.01	
	ID FROM REPORT -->	018SB01602		018SB01701		018SB01702		018SB01703		018SB01704		018SB01801	
	SAMPLE DATE ----->	07/22/96		07/24/96		07/24/96		07/24/96		07/24/96		07/22/96	
	DATE EXTRACTED -->	07/24/96		07/27/96		07/27/96		07/27/96		07/27/96		07/24/96	
	DATE ANALYZED --->	08/03/96		08/13/96		08/13/96		08/13/96		08/13/96		08/03/96	
	MATRIX ---------->	Soil		Soil		Soil		Soil		Soil		Soil	
	UNITS ---------->	UG/KG	A	UG/KG	A	UG/KG	A	UG/KG	A	UG/KG	A	UG/KG	A
CAS #	Parameter	26364	VAL	26397	VAL	26397	VAL	26397	VAL	26397	VAL	26364	VAL
319-84-6	alpha-BHC	1.4	U	1.4	UJ	1.4	UJ	1.4	UJ	1.5	UJ	1.4	U
319-85-7	beta-BHC	1.4	U	1.4	UJ	1.4	UJ	1.4	UJ	1.5	UJ	1.4	U
319-86-8	delta-BHC	1.4	U	1.4	U	1.4	U	1.4	U	1.5	U	1.4	U
58-89-9	gamma-BHC (Lindane)	1.4	U	1.4	UJ	1.4	UJ	1.4	UJ	1.5	UJ	1.4	U
76-44-8	Heptachlor	1.4	U	1.4	U	1.4	U	1.6		1.5	U	1.4	U

NAVAL WEAPONS STATION
NAVAL WEAPONS STATION (SOIL)
SOIL SAMPLES

SW846-PEST													
	SAMPLE ID ------->	018-S-B018-02		018-S-B018-03		018-S-B018-04		018-S-B019-01		018-S-B019-02		018-S-B019-03	
	ORIGINAL ID ----->	018SB01802		018SB01803		018SB01804		018SB01901		018SB01902		018SB01903	
	LAB SAMPLE ID --->	26379.02		26379.03		26379.04		26379.13		26379.14		26379.07	
	ID FROM REPORT -->	018SB01802		018SB01803		018SB01804		018SB01901		018SB01902		018SB01903	
	SAMPLE DATE ----->	07/22/96		07/22/96		07/22/96		07/22/96		07/22/96		07/22/96	
	DATE EXTRACTED -->	07/24/96		07/24/96		07/24/96		07/24/96		07/24/96		07/24/96	
	DATE ANALYZED --->	08/03/96		08/03/96		08/03/96		08/03/96		08/03/96		08/03/96	
	MATRIX ---------->	Soil		Soil		Soil		Soil		Soil		Soil	
	UNITS ---------->	UG/KG	A	UG/KG	A	UG/KG	A	UG/KG	A	UG/KG	A	UG/KG	A
CAS #	Parameter	26364	VAL	26364	VAL	26364	VAL	26364	VAL	26364	VAL	26364	VAL
319-84-6	alpha-BHC	1.5	U	1.5	U	1.5	U	1.4	U	1.5	U	1.5	U
319-85-7	beta-BHC	1.5	U	1.5	U	1.5	U	1.4	U	1.5	U	1.5	U
319-86-8	delta-BHC	1.5	U	1.5	U	1.5	U	1.4	U	1.5	U	1.5	U
58-89-9	gamma-BHC (Lindane)	1.5	U	1.5	U	1.5	U	1.4	U	1.5	U	1.5	U
76-44-8	Heptachlor	1.5	U	1.5	U	1.5	U	1.4	U	1.5	U	1.5	U

NAVAL WEAPONS STATION
NAVAL WEAPONS STATION (SOIL)
SOIL SAMPLES

SW846-PEST													
	SAMPLE ID ------->	018-S-B019-04		018-S-G001-01		018-S-G001-02		018-S-G001-03		018-S-G001-04		018-S-G002-01	
	ORIGINAL ID ----->	018SB01904		018SG00101		018SG00102		018SG00103		018SG00104		018SG00201	
	LAB SAMPLE ID --->	26379.08		26463.05		26463.08		26463.09		26463.10		26463.01	
	ID FROM REPORT -->	018SB01904		018SG00101		018SG00102		018SG00103		018SG00104		018SG00201	
	SAMPLE DATE ----->	07/22/96		07/29/96		07/29/96		07/29/96		07/29/96		07/29/96	
	DATE EXTRACTED -->	07/24/96		08/05/96		08/05/96		08/05/96		08/05/96		08/05/96	
	DATE ANALYZED --->	08/03/96		08/22/96		08/22/96		08/23/96		08/23/96		08/22/96	
	MATRIX ---------->	Soil		Soil		Soil		Soil		Soil		Soil	
	UNITS ---------->	UG/KG	A	UG/KG	A	UG/KG	A	UG/KG	A	UG/KG	A	UG/KG	A
CAS #	Parameter	26364	VAL	26463	VAL	26463	VAL	26463	VAL	26463	VAL	26463	VAL
319-84-6	alpha-BHC	1.6	U	1.3	UJ	1.6	UJ	1.3	UJ	1.4	UJ	1.3	UJ
319-85-7	beta-BHC	1.6	U	1.3	UJ	1.6	UJ	1.3	UJ	1.4	UJ	1.3	UJ
319-86-8	delta-BHC	1.6	U	1.3	U	1.6	U	1.3	UJ	1.4	UJ	1.3	U
58-89-9	gamma-BHC (Lindane)	1.6	U	1.3	UJ	1.6	UJ	1.3	UJ	1.4	UJ	1.3	UJ
76-44-8	Heptachlor	1.6	U	1.3	U	1.6	U	1.3	UJ	1.4	UJ	1.3	U

NAVAL WEAPONS STATION
NAVAL WEAPONS STATION (SOIL)
SOIL SAMPLES

SW846-PEST													
	SAMPLE ID ------->	018-S-G002-02		018-S-G002-03		018-S-G002-04		018-S-G003-01		018-S-G003-02		018-S-G003-03	
	ORIGINAL ID ----->	018SG00202		018SG00203		018SG00204		018SG00301		018SG00302		018SG00303	
	LAB SAMPLE ID --->	26463.02		26463.03		26463.04		26421.05		26421.08		26421.09	
	ID FROM REPORT -->	018SG00202		018SG00203		018SG00204		018SG00301		018SG00302		018SG00303	
	SAMPLE DATE ----->	07/29/96		07/29/96		07/29/96		07/25/96		07/25/96		07/25/96	
	DATE EXTRACTED -->	08/05/96		08/05/96		08/05/96		07/28/96		07/28/96		07/28/96	
	DATE ANALYZED --->	08/22/96		08/22/96		08/22/96		08/09/96		08/09/96		08/09/96	
	MATRIX ---------->	Soil		Soil		Soil		Soil		Soil		Soil	
	UNITS ---------->	UG/KG	A	UG/KG	A	UG/KG	A	UG/KG	A	UG/KG	A	UG/KG	A
CAS #	Parameter	26463	VAL	26463	VAL	26463	VAL	26421	VAL	26421	VAL	26421	VAL
319-84-6	alpha-BHC	1.3	UJ	1.4	UJ	1.4	UJ	1.4	U	1.4	UJ	1.5	UJ
319-85-7	beta-BHC	1.3	UJ	1.4	UJ	1.4	UJ	1.4	U	1.4	UJ	1.5	UJ
319-86-8	delta-BHC	1.3	U	1.4	U	1.4	U	1.4	U	1.4	U	1.5	U
58-89-9	gamma-BHC (Lindane)	1.3	UJ	1.4	UJ	1.4	UJ	1.4	U	1.4	UJ	1.5	UJ
76-44-8	Heptachlor	1.3	U	1.4	U	1.4	U	1.4	U	1.4	U	1.5	U

NAVAL WEAPONS STATION
NAVAL WEAPONS STATION (SOIL)
SOIL SAMPLES

SW846-PEST													
	SAMPLE ID ------->	018-S-G003-04		018-S-G004-01		018-S-G004-02		018-S-G004-03		018-S-G004-04		018-S-G005-01	
	ORIGINAL ID ----->	018SG00304		018SG00401		018SG00402		018SG00403		018SG00404		018SG00501	
	LAB SAMPLE ID --->	26421.10		26421.11		26421.12		26421.13		26421.14		26473.05	
	ID FROM REPORT -->	018SG00304		018SG00401		018SG00402		018SG00403		018SG00404		018SG00501	
	SAMPLE DATE ----->	07/25/96		07/25/96		07/25/96		07/25/96		07/25/96		07/30/96	
	DATE EXTRACTED -->	07/28/96		07/28/96		07/28/96		07/28/96		07/28/96		08/05/96	
	DATE ANALYZED --->	08/09/96		08/09/96		08/09/96		08/09/96		08/09/96		09/13/96	
	MATRIX ---------->	Soil		Soil		Soil		Soil		Soil		Soil	
	UNITS ---------->	UG/KG	A	UG/KG	A	UG/KG	A	UG/KG	A	UG/KG	A	UG/KG	A
CAS #	Parameter	26421	VAL	26421	VAL	26421	VAL	26421	VAL	26421	VAL	26473	VAL
319-84-6	alpha-BHC	1.4	UJ	1.4	U	1.5	UJ	1.5	UJ	1.4	UJ	1.4	U
319-85-7	beta-BHC	1.4	UJ	1.4	U	1.5	UJ	1.5	UJ	1.4	UJ	3.2	J
319-86-8	delta-BHC	1.4	U	1.4	U	1.5	U	1.5	U	1.4	U	1.	U
58-89-9	gamma-BHC (Lindane)	1.4	UJ	1.4	U	1.5	UJ	1.5	UJ	1.4	UJ	1.4	UJ
76-44-8	Heptachlor	1.4	U	1.4	U	1.5	U	1.5	U	1.4	U	1.5	J

NAVAL WEAPONS STATION
NAVAL WEAPONS STATION (SOIL)
SOIL SAMPLES

SW846-PEST													
	SAMPLE ID ------->	018-S-G005-02		018-S-G005-03		018-S-G005-04		018-S-G006-01		018-S-G006-02		018-S-G006-03	
	ORIGINAL ID ----->	018SG00502		018SG00503		018SG00504		018SG00601		018SG00602		018SG00603	
	LAB SAMPLE ID --->	26473.08		26473.09		26473.10		26473.01		26473.02		26473.03	
	ID FROM REPORT -->	018SG00502		018SG00503		018SG00504		018SG00601		018SG00602		018SG00603	
	SAMPLE DATE ----->	07/30/96		07/30/96		07/30/96		07/30/96		07/30/96		07/30/96	
	DATE EXTRACTED -->	08/05/96		08/05/96		08/05/96		08/05/96		08/05/96		08/05/96	
	DATE ANALYZED --->	09/12/96		09/12/96		09/12/96		09/10/96		09/10/96		09/10/96	
	MATRIX ---------->	Soil		Soil		Soil		Soil		Soil		Soil	
	UNITS ---------->	UG/KG	A	UG/KG	A	UG/KG	A	UG/KG	A	UG/KG	A	UG/KG	A
CAS #	Parameter	26473	VAL	26473	VAL	26473	VAL	26473	VAL	26473	VAL	26473	VAL
319-84-6	alpha-BHC	1.4	U	1.4	U	1.5	U	1.4	UJ	1.4	U	1.4	U
319-85-7	beta-BHC	1.4	U	1.4	U	1.5	U	1.4	UJ	1.4	U	1.4	U
319-86-8	delta-BHC	1.4	U	1.4	U	1.5	U	1.4	UJ	1.4	U	1.4	U
58-89-9	gamma-BHC (Lindane)	1.4	U	1.4	U	1.5	U	1.4	UJ	1.4	U	1.4	U
76-44-8	Heptachlor	1.4	U	1.4	U	1.5	U	1.4	UJ	1.4	U	1.4	U

NAVAL WEAPONS STATION
NAVAL WEAPONS STATION (SOIL)
SOIL SAMPLES

SW846-PEST													
	SAMPLE ID ------->	018-S-G006-04		018-S-G007-01		018-S-G007-02		018-S-G007-03		018-S-G007-04		018-S-G008-01	
	ORIGINAL ID ----->	018SG00604		018SG00701		018SG00702		018SG00703		018SG00704		018SG00801	
	LAB SAMPLE ID --->	26473.04		26463.11		26463.14		26463.15		26463.16		26434.14	
	ID FROM REPORT -->	018SG00604		018SG00701		018SG00702		018SG00703		018SG00704		018SG00801	
	SAMPLE DATE ----->	07/30/96		07/29/96		07/29/96		07/29/96		07/29/96		07/26/96	
	DATE EXTRACTED -->	08/05/96		08/05/96		08/05/96		08/05/96		08/05/96		07/29/96	
	DATE ANALYZED --->	09/13/96		08/23/96		08/23/96		08/23/96		08/23/96		08/23/96	
	MATRIX ---------->	Soil		Soil		Soil		Soil		Soil		Soil	
	UNITS ---------->	UG/KG	A	UG/KG	A	UG/KG	A	UG/KG	A	UG/KG	A	UG/KG	A
CAS #	Parameter	26473	VAL	26463	VAL	26463	VAL	26463	VAL	26463	VAL	26434	VAL
319-84-6	alpha-BHC	7.5	U	1.3	UJ	1.3	UJ	1.3	UJ	1.4	UJ	1.4	UJ
319-85-7	beta-BHC	9.3		1.3	UJ	1.3	UJ	1.3	UJ	1.4	UJ	1.4	UJ
319-86-8	delta-BHC	7.5	U	1.3	UJ	1.3	UJ	1.3	UJ	1.4	UJ	1.4	U
58-89-9	gamma-BHC (Lindane)	7.5	U	1.3	UJ	1.3	UJ	1.3	UJ	1.4	UJ	1.4	UJ
76-44-8	Heptachlor	7.5	U	1.3	UJ	1.3	UJ	1.3	UJ	1.4	UJ	2.	U

NAVAL WEAPONS STATION
NAVAL WEAPONS STATION (SOIL)
SOIL SAMPLES

SW846-PEST													
	SAMPLE ID ------->	018-S-G008-02		018-S-G008-03		018-S-G009-01		018-S-G009-02		018-S-G009-03		018-S-G009-04	
	ORIGINAL ID ----->	018SG00802		018SG00803		018SG00901		018SG00902		018SG00903		018SG00904	
	LAB SAMPLE ID --->	26434.15		26434.16		26434.09		26434.10		26434.11		26434.12	
	ID FROM REPORT -->	018SG00802		018SG00803		018SG00901		018SG00902		018SG00903		018SG00904	
	SAMPLE DATE ----->	07/26/96		07/26/96		07/26/96		07/26/96		07/26/96		07/26/96	
	DATE EXTRACTED -->	07/29/96		07/29/96		07/29/96		07/29/96		07/29/96		07/29/96	
	DATE ANALYZED --->	08/22/96		08/23/96		08/21/96		08/21/96		08/22/96		08/22/96	
	MATRIX ---------->	Soil		Soil		Soil		Soil		Soil		Soil	
	UNITS ---------->	UG/KG	A	UG/KG	A	UG/KG	A	UG/KG	A	UG/KG	A	UG/KG	A
CAS #	Parameter	26434	VAL	26434	VAL	26434	VAL	26434	VAL	26434	VAL	26434	VAL
319-84-6	alpha-BHC	1.4	U	1.4	UJ	1.4	U	1.4	U	1.4	U	1.5	U
319-85-7	beta-BHC	1.4	U	1.4	UJ	1.4	U	1.4	U	1.4	U	1.5	U
319-86-8	delta-BHC	1.4	U	1.4	U	1.4	U	1.4	U	1.4	U	1.5	U
58-89-9	gamma-BHC (Lindane)	1.4	U	1.4	UJ	1.4	U	1.4	U	1.4	U	1.5	U
76-44-8	Heptachlor	1.4	U	1.4	U	1.4	U	1.4	U	1.4	U	1.5	U

NAVAL WEAPONS STATION
NAVAL WEAPONS STATION (SOIL)
SOIL SAMPLES

SW846-PEST													
	SAMPLE ID ------->	018-S-G010-01		018-S-G010-02		018-S-G010-03		018-S-G010-04		018-S-G011-01		018-S-G011-02	
	ORIGINAL ID ----->	018SG01001		018SG01002		018SG01003		018SG01004		018SG01101		018SG01102	
	LAB SAMPLE ID --->	26434.05		26434.06		26434.07		26434.08		26421.15		26421.16	
	ID FROM REPORT -->	018SG01001		018SG01002		018SG01003		018SG01004		018SG01101		018SG01102	
	SAMPLE DATE ----->	07/26/96		07/26/96		07/26/96		07/26/96		07/25/96		07/25/96	
	DATE EXTRACTED -->	07/29/96		07/29/96		07/29/96		07/29/96		07/28/96		07/28/96	
	DATE ANALYZED --->	08/22/96		08/21/96		08/23/96		08/21/96		08/10/96		08/09/96	
	MATRIX ---------->	Soil		Soil		Soil		Soil		Soil		Soil	
	UNITS ---------->	UG/KG	A	UG/KG	A	UG/KG	A	UG/KG	A	UG/KG	A	UG/KG	A
CAS #	Parameter	26434	VAL	26434	VAL	26434	VAL	26434	VAL	26421	VAL	26421	VAL
319-84-6	alpha-BHC	1.4	UJ	1.4	U	1.4	UJ	1.4	U	1.4	U	1.4	U
319-85-7	beta-BHC	1.4	UJ	1.4	U	1.4	UJ	1.4	U	1.4	U	1.4	U
319-86-8	delta-BHC	1.4	U	1.4	U	1.4	U	1.4	U	1.4	U	1.4	U
58-89-9	gamma-BHC (Lindane)	1.4	UJ	1.4	U	1.4	UJ	1.4	U	1.4	U	1.4	U
76-44-8	Heptachlor	1.4	U	1.4	U	1.4	U	1.4	U	1.4	U	1.4	U

NAVAL WEAPONS STATION
NAVAL WEAPONS STATION (SOIL)
SOIL SAMPLES

SW846-PEST													
	SAMPLE ID ------->	018-S-G011-03		018-S-G011-04		018-S-G012-01		018-S-G012-02		018-S-G012-03		018-S-G012-04	
	ORIGINAL ID ----->	018SG01103		018SG01104		018SG01201		018SG01202		018SG01203		018SG01204	
	LAB SAMPLE ID --->	26421.17		26421.18		26434.01		26434.02		26434.03		26434.04	
	ID FROM REPORT -->	018SG01103		018SG01104		018SG01201		018SG01202		018SG01203		018SG01204	
	SAMPLE DATE ----->	07/25/96		07/25/96		07/26/96		07/26/96		07/26/96		07/26/96	
	DATE EXTRACTED -->	07/28/96		07/28/96		07/29/96		07/29/96		07/29/96		07/29/96	
	DATE ANALYZED --->	08/09/96		08/09/96		08/22/96		08/21/96		08/21/96		08/21/96	
	MATRIX ---------->	Soil		Soil		Soil		Soil		Soil		Soil	
	UNITS ----------->	UG/KG	A	UG/KG	A	UG/KG	A	UG/KG	A	UG/KG	A	UG/KG	A
CAS #	Parameter	26421	VAL	26421	VAL	26434	VAL	26434	VAL	26434	VAL	26434	VAL
319-84-6	alpha-BHC	1.4	U	1.4	U	1.4	UJ	1.4	U	1.5	U	1.4	U
319-85-7	beta-BHC	1.4	U	1.4	U	1.4	UJ	1.4	U	1.5	U	1.4	U
319-86-8	delta-BHC	1.4	U	1.4	U	1.4	U	1.4	U	1.5	U	1.4	U
58-89-9	gamma-BHC (Lindane)	1.4	U	1.4	U	1.4	UJ	1.4	U	1.5	U	1.4	U
76-44-8	Heptachlor	1.4	U	1.4	U	1.4	U	2.		1.5	U	1.4	U

NAVAL WEAPONS STATION
NAVAL WEAPONS STATION (SOIL)
SOIL SAMPLES

SW846-SVOA													
	SAMPLE ID ------->	018-S-B001-01		018-S-B001-02		018-S-B001-03		018-S-B002-01		018-S-B002-02		018-S-B002-03	
	ORIGINAL ID ----->	018SB00101		018SB00102		018SB00103		018SB00201		018SB00202		018SB00203	
	LAB SAMPLE ID --->	26340.01		26340.02		26340.03		26340.05		26340.06		26340.07	
	ID FROM REPORT -->	018SB00101		018SB00102		018SB00103		018SB00201		018SB00202		018SB00203	
	SAMPLE DATE ----->	07/17/96		07/17/96		07/17/96		07/17/96		07/17/96		07/17/96	
	DATE EXTRACTED -->	07/23/96		07/23/96		07/23/96		07/23/96		07/23/96		07/23/96	
	DATE ANALYZED --->	07/30/96		07/30/96		07/30/96		07/30/96		07/30/96		07/30/96	
	MATRIX ---------->	Soil		Soil		Soil		Soil		Soil		Soil	
	UNITS ---------->	UG/KG	A	UG/KG	A	UG/KG	A	UG/KG	A	UG/KG	A	UG/KG	A
CAS #	Parameter	26332	VAL	26332	VAL	26332	VAL	26332	VAL	26332	VAL	26332	VAL
108-95-2	Phenol	370.	U	390.	U	400.	U	360.	U	340.	U	340.	U
95-57-8	2-Chlorophenol	370.	U	390.	U	400.	U	360.	U	340.	U	340.	U
106-46-7	1,4-Dichlorobenzene	370.	U	390.	U	400.	U	360.	U	340.	U	340.	U
621-64-7	N-Nitroso-di-n-propylamine	370.	U	390.	U	400.	U	360.	U	340.	U	340.	U
120-82-1	1,2,4-Trichlorobenzene	370.	U	390.	U	400.	U	360.	U	340.	U	340.	U

NAVAL WEAPONS STATION
NAVAL WEAPONS STATION (SOIL)
SOIL SAMPLES

SW846-SVOA													
	SAMPLE ID ------->	018-S-B002-04		018-S-B002-05		018-S-B003-01		018-S-B003-02		018-S-B003-03		018-S-B003-04	
	ORIGINAL ID ----->	018SB00204		018SB00205		018SB00301		018SB00302		018SB00303		018SB00304	
	LAB SAMPLE ID --->	26340.08		26510.01		26349.01		26349.02		26349.03		26349.04	
	ID FROM REPORT -->	018SB00204		018SB00205		018SB00301		018SB00302		018SB00303		018SB00304	
	SAMPLE DATE ----->	07/17/96		08/01/96		07/18/96		07/18/96		07/18/96		07/18/96	
	DATE EXTRACTED -->	07/23/96		08/06/96		07/23/96		07/23/96		07/23/96		07/23/96	
	DATE ANALYZED --->	07/30/96		08/21/96		07/30/96		07/30/96		07/30/96		07/30/96	
	MATRIX ---------->	Soil		Soil		Soil		Soil		Soil		Soil	
	UNITS ---------->	UG/KG	A	UG/KG	A	UG/KG	A	UG/KG	A	UG/KG	A	UG/KG	A
CAS #	Parameter	26332	VAL	26510	VAL	26332	VAL	26332	VAL	26332	VAL	26332	VAL
108-95-2	Phenol	370.	U	380.	U	340.	U	370.	U	360.	U	360.	U
95-57-8	2-Chlorophenol	370.	U	380.	U	340.	U	370.	U	360.	U	360.	U
106-46-7	1,4-Dichlorobenzene	370.	U	380.	U	340.	U	370.	U	360.	U	360.	U
621-64-7	N-Nitroso-di-n-propylamine	370.	U	380.	U	340.	U	370.	U	360.	U	360.	U
120-82-1	1,2,4-Trichlorobenzene	370.	U	380.	U	340.	U	370.	U	360.	U	360.	U

NAVAL WEAPONS STATION
NAVAL WEAPONS STATION (SOIL)
SOIL SAMPLES

SW846-SVOA													
	SAMPLE ID ------->	018-S-B003-05		018-S-B003-06		018-S-B004-01		018-S-B004-02		018-S-B004-03		018-S-B005-01	
	ORIGINAL ID ----->	018SB00305		018SB00306		018SB00401		018SB00402		018SB00403		018SB00501	
	LAB SAMPLE ID --->	26349.05		26489.04		26349.06		26349.07		26349.08		26349.09	
	ID FROM REPORT -->	018SB00305		018SB00306		018SB00401		018SB00402		018SB00403		018SB00501	
	SAMPLE DATE ----->	07/18/96		07/31/96		07/18/96		07/18/96		07/18/96		07/18/96	
	DATE EXTRACTED -->	07/23/96		08/06/96		07/23/96		07/23/96		07/23/96		07/23/96	
	DATE ANALYZED --->	07/30/96		08/22/96		07/30/96		07/30/96		07/30/96		07/30/96	
	MATRIX ---------->	Soil		Soil		Soil		Soil		Soil		Soil	
	UNITS ---------->	UG/KG	A	UG/KG	A	UG/KG	A	UG/KG	A	UG/KG	A	UG/KG	A
CAS #	Parameter	26332	VAL	26473	VAL	26332	VAL	26332	VAL	26332	VAL	26332	VAL
108-95-2	Phenol	360.	U	390.	U	360.	U	380.	U	380.	U	350.	U
95-57-8	2-Chlorophenol	360.	U	390.	U	360.	U	380.	U	380.	U	350.	U
106-46-7	1,4-Dichlorobenzene	360.	U	390.	U	360.	U	380.	U	380.	U	350.	U
621-64-7	N-Nitroso-di-n-propylamine	360.	U	390.	U	360.	U	380.	U	380.	U	350.	U
120-82-1	1,2,4-Trichlorobenzene	360.	U	390.	U	360.	U	380.	U	380.	U	350.	U

NAVAL WEAPONS STATION
NAVAL WEAPONS STATION (SOIL)
SOIL SAMPLES

SW846-SVOA													
	SAMPLE ID ------->	018-S-B005-02		018-S-B005-03		018-S-B005-04		018-S-B005-05		018-S-B006-01		018-S-B006-02	
	ORIGINAL ID ----->	018SB00502		018SB00503		018SB00504		018SB00505		018SB00601		018SB00602	
	LAB SAMPLE ID --->	26349.12		26349.13		26349.14		26349.15		26421.01		26421.02	
	ID FROM REPORT -->	018SB00502		018SB00503		018SB00504		018SB00505		018SB00601		018SB00602	
	SAMPLE DATE ----->	07/18/96		07/18/96		07/18/96		07/18/96		07/25/96		07/25/96	
	DATE EXTRACTED -->	07/23/96		07/23/96		07/23/96		07/23/96		07/31/96		07/31/96	
	DATE ANALYZED --->	07/30/96		07/30/96		07/30/96		07/30/96		08/07/96		08/07/96	
	MATRIX ---------->	Soil		Soil		Soil		Soil		Soil		Soil	
	UNITS ----------->	UG/KG	A	UG/KG	A	UG/KG	A	UG/KG	A	UG/KG	A	UG/KG	A
CAS #	Parameter	26332	VAL	26332	VAL	26332	VAL	26332	VAL	26421	VAL	26421	VAL
108-95-2	Phenol	370.	U	350.	U	360.	U	370.	U	370.	U	400.	U
95-57-8	2-Chlorophenol	370.	U	350.	U	360.	U	370.	U	370.	U	400.	U
106-46-7	1,4-Dichlorobenzene	370.	U	350.	U	360.	U	370.	U	370.	U	400.	U
621-64-7	N-Nitroso-di-n-propylamine	370.	U	350.	U	360.	U	370.	U	370.	U	400.	U
120-82-1	1,2,4-Trichlorobenzene	370.	U	350.	U	360.	U	370.	U	370.	U	400.	U

NAVAL WEAPONS STATION
NAVAL WEAPONS STATION (SOIL)
SOIL SAMPLES

SW846-SVOA													
	SAMPLE ID ------->	018-S-B006-03		018-S-B006-04		018-S-B007-01		018-S-B007-02		018-S-B007-03		018-S-B007-04	
	ORIGINAL ID ----->	018SB00603		018SB00604		018SB00701		018SB00702		018SB00703		018SB00704	
	LAB SAMPLE ID --->	26421.03		26421.04		26397.05		26397.06		26397.07		26397.08	
	ID FROM REPORT -->	018SB00603		018SB00604		018SB00701		018SB00702		018SB00703		018SB00704	
	SAMPLE DATE ----->	07/25/96		07/25/96		07/23/96		07/23/96		07/23/96		07/23/96	
	DATE EXTRACTED -->	07/31/96		07/31/96		07/27/96		07/27/96		07/27/96		07/27/96	
	DATE ANALYZED --->	08/07/96		08/07/96		08/01/96		08/01/96		08/01/96		08/01/96	
	MATRIX ---------->	Soil		Soil		Soil		Soil		Soil		Soil	
	UNITS ---------->	UG/KG	A	UG/KG	A	UG/KG	A	UG/KG	A	UG/KG	A	UG/KG	A
CAS #	Parameter	26421	VAL	26421	VAL	26397	VAL	26397	VAL	26397	VAL	26397	VAL
108-95-2	Phenol	370.	U	360.	U	340.	U	340.	U	360.	U	350.	U
95-57-8	2-Chlorophenol	370.	U	360.	U	340.	U	340.	U	360.	U	350.	U
106-46-7	1,4-Dichlorobenzene	370.	U	360.	U	340.	U	340.	U	360.	U	350.	U
621-64-7	N-Nitroso-di-n-propylamine	370.	U	360.	U	340.	U	340.	U	360.	U	350.	U
120-82-1	1,2,4-Trichlorobenzene	370.	U	360.	U	340.	U	340.	U	360.	U	350.	U

NAVAL WEAPONS STATION
NAVAL WEAPONS STATION (SOIL)
SOIL SAMPLES

SW846-SVOA													
	SAMPLE ID ------->	018-S-B008-01		018-S-B008-02		018-S-B008-03		018-S-B008-04		018-S-B009-01		018-S-B010-01	
	ORIGINAL ID ----->	018SB00801		018SB00802		018SB00803		018SB00804		018SB00901		018SB01001	
	LAB SAMPLE ID --->	26404.01		26404.02		26404.03		26404.04		26404.08		26404.13	
	ID FROM REPORT -->	018SB00801		018SB00802		018SB00803		018SB00804		018SB00901		018SB01001	
	SAMPLE DATE ----->	07/24/96		07/24/96		07/24/96		07/24/96		07/24/96		07/24/96	
	DATE EXTRACTED -->	07/27/96		07/27/96		07/27/96		07/27/96		07/27/96		07/27/96	
	DATE ANALYZED --->	08/01/96		08/01/96		08/01/96		08/02/96		08/02/96		08/02/96	
	MATRIX ---------->	Soil		Soil		Soil		Soil		Soil		Soil	
	UNITS ---------->	UG/KG	A	UG/KG	A	UG/KG	A	UG/KG	A	UG/KG	A	UG/KG	A
CAS #	Parameter	26397	VAL	26397	VAL	26397	VAL	26397	VAL	26397	VAL	26397	VAL
108-95-2	Phenol	380.	U	340.	U	350.	U	370.	U	600.	U	350.	U
95-57-8	2-Chlorophenol	380.	U	340.	U	350.	U	370.	U	600.	U	350.	U
106-46-7	1,4-Dichlorobenzene	380.	U	340.	U	350.	U	370.	U	600.	U	350.	U
621-64-7	N-Nitroso-di-n-propylamine	380.	U	340.	U	350.	U	370.	U	600.	U	350.	U
120-82-1	1,2,4-Trichlorobenzene	380.	U	340.	U	350.	U	370.	U	600.	U	350.	U

NAVAL WEAPONS STATION
NAVAL WEAPONS STATION (SOIL)
SOIL SAMPLES

SW846-SVOA													
	SAMPLE ID ------->	018-S-B010-02		018-S-B010-03		018-S-B010-04		018-S-B011-01		018-S-B011-02		018-S-B011-03	
	ORIGINAL ID ----->	018SB01002		018SB01003		018SB01004		018SB01101		018SB01102		018SB01103	
	LAB SAMPLE ID --->	26404.14		26404.15		26404.16		26364.02		26364.03		26364.04	
	ID FROM REPORT -->	018SB01002		018SB01003		018SB01004		018SB01101		018SB01102		018SB01103	
	SAMPLE DATE ----->	07/24/96		07/24/96		07/24/96		07/19/96		07/19/96		07/19/96	
	DATE EXTRACTED -->	07/27/96		07/27/96		07/27/96		07/23/96		07/23/96		07/23/96	
	DATE ANALYZED --->	08/02/96		08/02/96		08/02/96		07/30/96		07/30/96		07/30/96	
	MATRIX ---------->	Soil		Soil		Soil		Soil		Soil		Soil	
	UNITS ---------->	UG/KG	A	UG/KG	A	UG/KG	A	UG/KG	A	UG/KG	A	UG/KG	A
CAS #	Parameter	26397	VAL	26397	VAL	26397	VAL	26364	VAL	26364	VAL	26364	VAL
108-95-2	Phenol	350.	U	350.	U	380.	U	340.	U	350.	U	370.	U
95-57-8	2-Chlorophenol	350.	U	350.	U	380.	U	340.	U	350.	U	370.	U
106-46-7	1,4-Dichlorobenzene	350.	U	350.	U	380.	U	340.	U	350.	U	370.	U
621-64-7	N-Nitroso-di-n-propylamine	350.	U	350.	U	380.	U	340.	U	350.	U	370.	U
120-82-1	1,2,4-Trichlorobenzene	350.	U	350.	U	380.	U	340.	U	350.	U	370.	U

NAVAL WEAPONS STATION
NAVAL WEAPONS STATION (SOIL)
SOIL SAMPLES

SW846-SVOA													
	SAMPLE ID ------->	018-S-B011-04		018-S-B012-01		018-S-B012-02		018-S-B012-03		018-S-B012-04		018-S-B013-01	
	ORIGINAL ID ----->	018SB01104		018SB01201		018SB01202		018SB01203		018SB01204		018SB01301	
	LAB SAMPLE ID --->	26364.05		26364.06		26364.07		26364.08		26364.09		26364.10	
	ID FROM REPORT -->	018SB01104		018SB01201		018SB01202		018SB01203		018SB01204		018SB01301	
	SAMPLE DATE ----->	07/19/96		07/19/96		07/19/96		07/19/96		07/19/96		07/19/96	
	DATE EXTRACTED -->	07/23/96		07/23/96		07/23/96		07/23/96		07/23/96		07/23/96	
	DATE ANALYZED --->	07/30/96		07/31/96		07/31/96		07/31/96		07/31/96		07/31/96	
	MATRIX ---------->	Soil		Soil		Soil		Soil		Soil		Soil	
	UNITS ---------->	UG/KG	A	UG/KG	A	UG/KG	A	UG/KG	A	UG/KG	A	UG/KG	A
CAS #	Parameter	26364	VAL	26364	VAL	26364	VAL	26364	VAL	26364	VAL	26364	VAL
108-95-2	Phenol	360.	U	340.	U	350.	U	370.	U	380.	U	360.	U
95-57-8	2-Chlorophenol	360.	U	340.	U	350.	U	370.	U	380.	U	360.	U
106-46-7	1,4-Dichlorobenzene	360.	U	340.	U	350.	U	370.	U	380.	U	360.	U
621-64-7	N-Nitroso-di-n-propylamine	360.	U	340.	U	350.	U	370.	U	380.	U	360.	U
120-82-1	1,2,4-Trichlorobenzene	360.	U	340.	U	350.	U	370.	U	380.	U	360.	U

NAVAL WEAPONS STATION
NAVAL WEAPONS STATION (SOIL)
SOIL SAMPLES

SW846-SVOA													
	SAMPLE ID ------->	018-S-B013-02		018-S-B013-03		018-S-B013-04		018-S-B014-01		018-S-B014-02		018-S-B014-03	
	ORIGINAL ID ----->	018SB01302		018SB01303		018SB01304		018SB01401		018SB01402		018SB01403	
	LAB SAMPLE ID --->	26364.11		26364.12		26364.13		26379.09		26379.10		26379.11	
	ID FROM REPORT -->	018SB01302		018SB01303		018SB01304		018SB01401		018SB01402		018SB01403	
	SAMPLE DATE ----->	07/19/96		07/19/96		07/19/96		07/22/96		07/22/96		07/22/96	
	DATE EXTRACTED -->	07/23/96		07/23/96		07/23/96		07/24/96		07/24/96		07/24/96	
	DATE ANALYZED --->	07/31/96		07/31/96		07/31/96		07/31/96		07/31/96		07/31/96	
	MATRIX ---------->	Soil		Soil		Soil		Soil		Soil		Soil	
	UNITS ---------->	UG/KG	A	UG/KG	A	UG/KG	A	UG/KG	A	UG/KG	A	UG/KG	A
CAS #	Parameter	26364	VAL	26364	VAL	26364	VAL	26364	VAL	26364	VAL	26364	VAL
108-95-2	Phenol	360.	U	360.	U	380.	U	350.	U	380.	U	400.	U
95-57-8	2-Chlorophenol	360.	U	360.	U	380.	U	350.	U	380.	U	400.	U
106-46-7	1,4-Dichlorobenzene	360.	U	360.	U	380.	U	350.	U	380.	U	400.	U
621-64-7	N-Nitroso-di-n-propylamine	360.	U	360.	U	380.	U	350.	U	380.	U	400.	U
120-82-1	1,2,4-Trichlorobenzene	360.	U	360.	U	380.	U	350.	U	380.	U	400.	U

NAVAL WEAPONS STATION
NAVAL WEAPONS STATION (SOIL)
SOIL SAMPLES

SW846-SVOA													
	SAMPLE ID ------->	018-S-B014-04		018-S-B015-01		018-S-B015-02		018-S-B015-03		018-S-B015-04		018-S-B016-01	
	ORIGINAL ID ----->	018SB01404		018SB01501		018SB01502		018SB01503		018SB01504		018SB01601	
	LAB SAMPLE ID --->	26379.12		26397.01		26397.02		26397.03		26397.04		26379.05	
	ID FROM REPORT -->	018SB01404		018SB01501		018SB01502		018SB01503		018SB01504		018SB01601	
	SAMPLE DATE ----->	07/22/96		07/23/96		07/23/96		07/23/96		07/23/96		07/22/96	
	DATE EXTRACTED -->	07/24/96		07/27/96		07/27/96		07/27/96		07/27/96		07/24/96	
	DATE ANALYZED --->	08/01/96		08/02/96		08/01/96		08/01/96		08/01/96		07/31/96	
	MATRIX ---------->	Soil		Soil		Soil		Soil		Soil		Soil	
	UNITS ---------->	UG/KG	A	UG/KG	A	UG/KG	A	UG/KG	A	UG/KG	A	UG/KG	A
CAS #	Parameter	26364	VAL	26397	VAL	26397	VAL	26397	VAL	26397	VAL	26364	VAL
108-95-2	Phenol	400.	U	360.	U	370.	U	350.	U	410.	U	360.	U
95-57-8	2-Chlorophenol	400.	U	360.	U	370.	U	350.	U	410.	U	360.	U
106-46-7	1,4-Dichlorobenzene	400.	U	360.	U	370.	U	350.	U	410.	U	360.	U
621-64-7	N-Nitroso-di-n-propylamine	400.	U	360.	U	370.	U	350.	U	410.	U	360.	U
120-82-1	1,2,4-Trichlorobenzene	400.	U	360.	U	370.	U	350.	U	410.	U	360.	U

NAVAL WEAPONS STATION
NAVAL WEAPONS STATION (SOIL)
SOIL SAMPLES

SW846-SVOA													
	SAMPLE ID ------->	018-S-B016-02		018-S-B017-01		018-S-B017-02		018-S-B017-03		018-S-B017-04		018-S-B018-01	
	ORIGINAL ID ----->	018SB01602		018SB01701		018SB01702		018SB01703		018SB01704		018SB01801	
	LAB SAMPLE ID --->	26379.06		26404.09		26404.10		26404.11		26404.12		26379.01	
	ID FROM REPORT -->	018SB01602		018SB01701		018SB01702		018SB01703		018SB01704		018SB01801	
	SAMPLE DATE ----->	07/22/96		07/24/96		07/24/96		07/24/96		07/24/96		07/22/96	
	DATE EXTRACTED -->	07/24/96		07/27/96		07/27/96		07/27/96		07/27/96		07/24/96	
	DATE ANALYZED --->	07/31/96		08/02/96		08/02/96		08/02/96		08/02/96		07/31/96	
	MATRIX ---------->	Soil		Soil		Soil		Soil		Soil		Soil	
	UNITS ---------->	UG/KG	A	UG/KG	A	UG/KG	A	UG/KG	A	UG/KG	A	UG/KG	A
CAS #	Parameter	26364	VAL	26397	VAL	26397	VAL	26397	VAL	26397	VAL	26364	VAL
108-95-2	Phenol	350.	U	350.	U	340.	U	360.	U	380.	U	350.	U
95-57-8	2-Chlorophenol	350.	U	350.	U	340.	U	360.	U	380.	U	350.	U
106-46-7	1,4-Dichlorobenzene	350.	U	350.	U	340.	U	360.	U	380.	U	350.	U
621-64-7	N-Nitroso-di-n-propylamine	350.	U	350.	U	340.	U	360.	U	380.	U	350.	U
120-82-1	1,2,4-Trichlorobenzene	350.	U	350.	U	340.	U	360.	U	380.	U	350.	U

NAVAL WEAPONS STATION
NAVAL WEAPONS STATION (SOIL)
SOIL SAMPLES

SW846-SVOA													
	SAMPLE ID ------->	018-S-B018-02		018-S-B018-03		018-S-B018-04		018-S-B019-01		018-S-B019-02		018-S-B019-03	
	ORIGINAL ID ----->	018SB01802		018SB01803		018SB01804		018SB01901		018SB01902		018SB01903	
	LAB SAMPLE ID --->	26379.02		26379.03		26379.04		26379.13		26379.14		26379.07	
	ID FROM REPORT -->	018SB01802		018SB01803		018SB01804		018SB01901		018SB01902		018SB01903	
	SAMPLE DATE ----->	07/22/96		07/22/96		07/22/96		07/22/96		07/22/96		07/22/96	
	DATE EXTRACTED -->	07/24/96		07/24/96		07/24/96		07/24/96		07/24/96		07/24/96	
	DATE ANALYZED --->	07/31/96		07/31/96		07/31/96		08/01/96		08/01/96		07/31/96	
	MATRIX ---------->	Soil		Soil		Soil		Soil		Soil		Soil	
	UNITS ---------->	UG/KG	A	UG/KG	A	UG/KG	A	UG/KG	A	UG/KG	A	UG/KG	A
CAS #	Parameter	26364	VAL	26364	VAL	26364	VAL	26364	VAL	26364	VAL	26364	VAL
108-95-2	Phenol	380.	U	380.	U	380.	U	360.	U	380.	U	390.	U
95-57-8	2-Chlorophenol	380.	U	380.	U	380.	U	360.	U	380.	U	390.	U
106-46-7	1,4-Dichlorobenzene	380.	U	380.	U	380.	U	360.	U	380.	U	390.	U
621-64-7	N-Nitroso-di-n-propylamine	380.	U	380.	U	380.	U	360.	U	380.	U	390.	U
120-82-1	1,2,4-Trichlorobenzene	380.	U	380.	U	380.	U	360.	U	380.	U	390.	U

NAVAL WEAPONS STATION
NAVAL WEAPONS STATION (SOIL)
SOIL SAMPLES

SW846-SVOA													
	SAMPLE ID ------->	018-S-B019-04		018-S-G001-01		018-S-G001-02		018-S-G001-03		018-S-G001-04		018-S-G002-01	
	ORIGINAL ID ----->	018SB01904		018SG00101		018SG00102		018SG00103		018SG00104		018SG00201	
	LAB SAMPLE ID --->	26379.08		26463.05		26463.08		26463.09		26463.10		26463.01	
	ID FROM REPORT -->	018SB01904		018SG00101		018SG00102		018SG00103		018SG00104		018SG00201	
	SAMPLE DATE ----->	07/22/96		07/29/96		07/29/96		07/29/96		07/29/96		07/29/96	
	DATE EXTRACTED -->	07/24/96		08/05/96		08/05/96		08/05/96		08/05/96		08/05/96	
	DATE ANALYZED --->	07/31/96		08/20/96		08/22/96		08/20/96		08/20/96		08/20/96	
	MATRIX ---------->	Soil		Soil		Soil		Soil		Soil		Soil	
	UNITS ---------->	UG/KG	A	UG/KG	A	UG/KG	A	UG/KG	A	UG/KG	A	UG/KG	A
CAS #	Parameter	26364	VAL	26463	VAL	26463	VAL	26463	VAL	26463	VAL	26463	VAL
108-95-2	Phenol	400.	U	330.	U	410.	U	330.	U	350.	U	330.	U
95-57-8	2-Chlorophenol	400.	U	330.	U	410.	U	330.	U	350.	U	330.	U
106-46-7	1,4-Dichlorobenzene	400.	U	330.	U	410.	U	330.	U	350.	U	330.	U
621-64-7	N-Nitroso-di-n-propylamine	400.	U	330.	U	410.	U	330.	U	350.	U	330.	U
120-82-1	1,2,4-Trichlorobenzene	400.	U	330.	U	410.	U	330.	U	350.	U	330.	U

NAVAL WEAPONS STATION
NAVAL WEAPONS STATION (SOIL)
SOIL SAMPLES

SW846-SVOA													
	SAMPLE ID ------->	018-S-G002-02		018-S-G002-03		018-S-G002-04		018-S-G003-01		018-S-G003-02		018-S-G003-03	
	ORIGINAL ID ----->	018SG00202		018SG00203		018SG00204		018SG00301		018SG00302		018SG00303	
	LAB SAMPLE ID --->	26463.02		26463.03		26463.04		26421.05		26421.08		26421.09	
	ID FROM REPORT -->	018SG00202		018SG00203		018SG00204		018SG00301		018SG00302		018SG00303	
	SAMPLE DATE ----->	07/29/96		07/29/96		07/29/96		07/25/96		07/25/96		07/25/96	
	DATE EXTRACTED -->	08/05/96		08/05/96		08/05/96		07/31/96		07/31/96		07/31/96	
	DATE ANALYZED --->	08/20/96		08/20/96		08/20/96		08/07/96		08/08/96		08/08/96	
	MATRIX ---------->	Soil		Soil		Soil		Soil		Soil		Soil	
	UNITS ---------->	UG/KG	A	UG/KG	A	UG/KG	A	UG/KG	A	UG/KG	A	UG/KG	A
CAS #	Parameter	26463	VAL	26463	VAL	26463	VAL	26421	VAL	26421	VAL	26421	VAL
108-95-2	Phenol	330.	U	360.	U	340.	U	340.	U	360.	U	370.	U
95-57-8	2-Chlorophenol	330.	U	360.	U	340.	U	340.	U	360.	U	370.	U
106-46-7	1,4-Dichlorobenzene	330.	U	360.	U	340.	U	340.	U	360.	U	370.	U
621-64-7	N-Nitroso-di-n-propylamine	330.	U	360.	U	340.	U	340.	U	360.	U	370.	U
120-82-1	1,2,4-Trichlorobenzene	330.	U	360.	U	340.	U	340.	U	360.	U	370.	U

NAVAL WEAPONS STATION
NAVAL WEAPONS STATION (SOIL)
SOIL SAMPLES

SW846-SVOA													
	SAMPLE ID ------->	018-S-G003-04		018-S-G004-01		018-S-G004-02		018-S-G004-03		018-S-G004-04		018-S-G005-01	
	ORIGINAL ID ----->	018SG00304		018SG00401		018SG00402		018SG00403		018SG00404		018SG00501	
	LAB SAMPLE ID --->	26421.10		26421.11		26421.12		26421.13		26421.14		26473.05	
	ID FROM REPORT -->	018SG00304		018SG00401		018SG00402		018SG00403		018SG00404		018SG00501	
	SAMPLE DATE ----->	07/25/96		07/25/96		07/25/96		07/25/96		07/25/96		07/30/96	
	DATE EXTRACTED -->	07/31/96		07/31/96		07/31/96		07/31/96		07/31/96		08/05/96	
	DATE ANALYZED --->	08/08/96		08/08/96		08/08/96		08/08/96		08/08/96		08/16/96	
	MATRIX ---------->	Soil		Soil		Soil		Soil		Soil		Soil	
	UNITS ---------->	UG/KG	A	UG/KG	A	UG/KG	A	UG/KG	A	UG/KG	A	UG/KG	A
CAS #	Parameter	26421	VAL	26421	VAL	26421	VAL	26421	VAL	26421	VAL	26473	VAL
108-95-2	Phenol	370.	U	360.	U	370.	U	380.	U	350.	U	350.	U
95-57-8	2-Chlorophenol	370.	U	360.	U	370.	U	380.	U	350.	U	350.	U
106-46-7	1,4-Dichlorobenzene	370.	U	360.	U	370.	U	380.	U	350.	U	350.	U
621-64-7	N-Nitroso-di-n-propylamine	370.	U	360.	U	370.	U	380.	U	350.	U	350.	U
120-82-1	1,2,4-Trichlorobenzene	370.	U	360.	U	370.	U	380.	U	350.	U	350.	U

NAVAL WEAPONS STATION
NAVAL WEAPONS STATION (SOIL)
SOIL SAMPLES

SW846-SVOA													
	SAMPLE ID ------->	018-S-G005-02		018-S-G005-03		018-S-G005-04		018-S-G006-01		018-S-G006-02		018-S-G006-03	
	ORIGINAL ID ----->	018SG00502		018SG00503		018SG00504		018SG00601		018SG00602		018SG00603	
	LAB SAMPLE ID --->	26473.08		26473.09		26473.10		26473.01		26473.02		26473.03	
	ID FROM REPORT -->	018SG00502		018SG00503		018SG00504		018SG00601		018SG00602		018SG00603	
	SAMPLE DATE ----->	07/30/96		07/30/96		07/30/96		07/30/96		07/30/96		07/30/96	
	DATE EXTRACTED -->	08/05/96		08/05/96		08/05/96		08/05/96		08/05/96		08/05/96	
	DATE ANALYZED --->	08/16/96		08/16/96		08/16/96		08/16/96		08/16/96		08/16/96	
	MATRIX ---------->	Soil		Soil		Soil		Soil		Soil		Soil	
	UNITS ---------->	UG/KG	A	UG/KG	A	UG/KG	A	UG/KG	A	UG/KG	A	UG/KG	A
CAS #	Parameter	26473	VAL	26473	VAL	26473	VAL	26473	VAL	26473	VAL	26473	VAL
108-95-2	Phenol	360.	U	360.	U	380.	U	350.	U	350.	U	350.	U
95-57-8	2-Chlorophenol	360.	U	360.	U	380.	U	350.	U	350.	U	350.	U
106-46-7	1,4-Dichlorobenzene	360.	U	360.	U	380.	U	350.	U	350.	U	350.	U
621-64-7	N-Nitroso-di-n-propylamine	360.	U	360.	U	380.	U	350.	U	350.	U	350.	U
120-82-1	1,2,4-Trichlorobenzene	360.	U	360.	U	380.	U	350.	U	350.	U	350.	U

NAVAL WEAPONS STATION
NAVAL WEAPONS STATION (SOIL)
SOIL SAMPLES

SW846-SVOA													
	SAMPLE ID ------->	018-S-G006-04		018-S-G007-01		018-S-G007-02		018-S-G007-03		018-S-G007-04		018-S-G008-01	
	ORIGINAL ID ----->	018SG00604		018SG00701		018SG00702		018SG00703		018SG00704		018SG00801	
	LAB SAMPLE ID --->	26473.04		26463.11		26463.14		26463.15		26463.16		26434.14	
	ID FROM REPORT -->	018SG00604		018SG00701		018SG00702		018SG00703		018SG00704		018SG00801	
	SAMPLE DATE ----->	07/30/96		07/29/96		07/29/96		07/29/96		07/29/96		07/26/96	
	DATE EXTRACTED -->	08/05/96		08/05/96		08/05/96		08/05/96		08/05/96		07/29/96	
	DATE ANALYZED --->	08/16/96		08/20/96		08/22/96		08/20/96		08/20/96		08/05/96	
	MATRIX ---------->	Soil		Soil		Soil		Soil		Soil		Soil	
	UNITS ---------->	UG/KG	A	UG/KG	A	UG/KG	A	UG/KG	A	UG/KG	A	UG/KG	A
CAS #	Parameter	26473	VAL	26463	VAL	26463	VAL	26463	VAL	26463	VAL	26434	VAL
108-95-2	Phenol	380.	U	330.	U	330.	U	340.	U	340.	U	370.	U
95-57-8	2-Chlorophenol	380.	U	330.	U	330.	U	340.	U	340.	U	370.	U
106-46-7	1,4-Dichlorobenzene	380.	U	330.	U	330.	U	340.	U	340.	U	370.	U
621-64-7	N-Nitroso-di-n-propylamine	380.	U	330.	U	330.	U	340.	U	340.	U	370.	U
120-82-1	1,2,4-Trichlorobenzene	380.	U	330.	U	330.	U	340.	U	340.	U	370.	U

NAVAL WEAPONS STATION
NAVAL WEAPONS STATION (SOIL)
SOIL SAMPLES

SW846-SVOA													
	SAMPLE ID ------->	018-S-G008-02		018-S-G008-03		018-S-G009-01		018-S-G009-02		018-S-G009-03		018-S-G009-04	
	ORIGINAL ID ----->	018SG00802		018SG00803		018SG00901		018SG00902		018SG00903		018SG00904	
	LAB SAMPLE ID --->	26434.15		26434.16		26434.09		26434.10		26434.11		26434.12	
	ID FROM REPORT -->	018SG00802		018SG00803		018SG00901		018SG00902		018SG00903		018SG00904	
	SAMPLE DATE ----->	07/26/96		07/26/96		07/26/96		07/26/96		07/26/96		07/26/96	
	DATE EXTRACTED -->	07/29/96		07/29/96		07/29/96		07/29/96		07/29/96		07/29/96	
	DATE ANALYZED --->	08/05/96		08/05/96		08/02/96		08/02/96		08/05/96		08/05/96	
	MATRIX ---------->	Soil		Soil		Soil		Soil		Soil		Soil	
	UNITS ----------->	UG/KG	A	UG/KG	A	UG/KG	A	UG/KG	A	UG/KG	A	UG/KG	A
CAS #	Parameter	26434	VAL	26434	VAL	26434	VAL	26434	VAL	26434	VAL	26434	VAL
108-95-2	Phenol	360.	U	370.	U	340.	U	350.	U	350.	U	380.	U
95-57-8	2-Chlorophenol	360.	U	370.	U	340.	U	350.	U	350.	U	380.	U
106-46-7	1,4-Dichlorobenzene	360.	U	370.	U	340.	U	350.	U	350.	U	380.	U
621-64-7	N-Nitroso-di-n-propylamine	360.	U	370.	U	340.	U	350.	U	350.	U	380.	U
120-82-1	1,2,4-Trichlorobenzene	360.	U	370.	U	340.	U	350.	U	350.	U	380.	U

NAVAL WEAPONS STATION
NAVAL WEAPONS STATION (SOIL)
SOIL SAMPLES

SW846-SVOA													
	SAMPLE ID ------->	018-S-G010-01		018-S-G010-02		018-S-G010-03		018-S-G010-04		018-S-G011-01		018-S-G011-02	
	ORIGINAL ID ----->	018SG01001		018SG01002		018SG01003		018SG01004		018SG01101		018SG01102	
	LAB SAMPLE ID --->	26434.05		26434.06		26434.07		26434.08		26421.15		26421.16	
	ID FROM REPORT -->	018SG01001		018SG01002		018SG01003		018SG01004		018SG01101		018SG01102	
	SAMPLE DATE ----->	07/26/96		07/26/96		07/26/96		07/26/96		07/25/96		07/25/96	
	DATE EXTRACTED -->	07/29/96		07/29/96		07/29/96		07/29/96		07/31/96		07/31/96	
	DATE ANALYZED --->	08/02/96		08/02/96		08/02/96		08/02/96		08/08/96		08/08/96	
	MATRIX ---------->	Soil		Soil		Soil		Soil		Soil		Soil	
	UNITS ---------->	UG/KG	A	UG/KG	A	UG/KG	A	UG/KG	A	UG/KG	A	UG/KG	A
CAS #	Parameter	26434	VAL	26434	VAL	26434	VAL	26434	VAL	26421	VAL	26421	VAL
108-95-2	Phenol	350.	U	360.	U	360.	U	360.	U	360.	U	350.	U
95-57-8	2-Chlorophenol	350.	U	360.	U	360.	U	360.	U	360.	U	350.	U
106-46-7	1,4-Dichlorobenzene	350.	U	360.	U	360.	U	360.	U	360.	U	350.	U
621-64-7	N-Nitroso-di-n-propylamine	350.	U	360.	U	360.	U	360.	U	360.	U	350.	U
120-82-1	1,2,4-Trichlorobenzene	350.	U	360.	U	360.	U	360.	U	360.	U	350.	U

NAVAL WEAPONS STATION
NAVAL WEAPONS STATION (SOIL)
SOIL SAMPLES

SW846-SVOA													
	SAMPLE ID ------->	018-S-G011-03		018-S-G011-04		018-S-G012-01		018-S-G012-02		018-S-G012-03		018-S-G012-04	
	ORIGINAL ID ----->	018SG01103		018SG01104		018SG01201		018SG01202		018SG01203		018SG01204	
	LAB SAMPLE ID --->	26421.17		26421.18		26434.01		26434.02		26434.03		26434.04	
	ID FROM REPORT -->	018SG01103		018SG01104		018SG01201		018SG01202		018SG01203		018SG01204	
	SAMPLE DATE ----->	07/25/96		07/25/96		07/26/96		07/26/96		07/26/96		07/26/96	
	DATE EXTRACTED -->	07/31/96		07/31/96		07/29/96		07/29/96		07/29/96		07/29/96	
	DATE ANALYZED --->	08/08/96		08/08/96		08/02/96		08/02/96		08/02/96		08/02/96	
	MATRIX ---------->	Soil		Soil		Soil		Soil		Soil		Soil	
	UNITS ----------->	UG/KG	A	UG/KG	A	UG/KG	A	UG/KG	A	UG/KG	A	UG/KG	A
CAS #	Parameter	26421	VAL	26421	VAL	26434	VAL	26434	VAL	26434	VAL	26434	VAL
108-95-2	Phenol	350.	U	350.	U	340.	U	340.	U	370.	U	370.	U
95-57-8	2-Chlorophenol	350.	U	350.	U	340.	U	340.	U	370.	U	370.	U
106-46-7	1,4-Dichlorobenzene	350.	U	350.	U	340.	U	340.	U	370.	U	370.	U
621-64-7	N-Nitroso-di-n-propylamine	350.	U	350.	U	340.	U	340.	U	370.	U	370.	U
120-82-1	1,2,4-Trichlorobenzene	350.	U	350.	U	340.	U	340.	U	370.	U	370.	U

NAVAL WEAPONS STATION
NAVAL WEAPONS STATION (SOIL)
SOIL SAMPLES

SW846-VOA													
	SAMPLE ID ------->	018-S-B001-01		018-S-B001-02		018-S-B001-03		018-S-B002-01		018-S-B002-02		018-S-B002-03	
	ORIGINAL ID ----->	018SB00101		018SB00102		018SB00103		018SB00201		018SB00202		018SB00203	
	LAB SAMPLE ID --->	26340.01		26340.02		26340.03		26340.05		26340.06		26340.07	
	ID FROM REPORT -->	018SB00101		018SB00102		018SB00103		018SB00201		018SB00202		018SB00203	
	SAMPLE DATE ----->	07/17/96		07/17/96		07/17/96		07/17/96		07/17/96		07/17/96	
	DATE ANALYZED --->	07/19/96		07/19/96		07/19/96		07/19/96		07/19/96		07/19/96	
	MATRIX ---------->	Soil		Soil		Soil		Soil		Soil		Soil	
	UNITS ---------->	UG/KG	A	UG/KG	A	UG/KG	A	UG/KG	A	UG/KG	A	UG/KG	A
CAS #	Parameter	26332	VAL	26332	VAL	26332	VAL	26332	VAL	26332	VAL	26332	VAL
75-01-4	Vinyl chloride	11.	U	12.	U	12.	U	11.	U	10.	U	10.	U
75-09-2	Methylene chloride	23.	UJ	46.	UJ	40.	UJ	40.	UJ	39.	UJ	48.	UJ
67-64-1	Acetone	42.	UJ	12.	UJ	22.	UJ	20.	UJ	18.	UJ	38.	UJ
75-35-4	1,1-Dichloroethene	6.	U	6.	U	6.	U	5.	U	5.	U	5.	U
108-05-4	Vinyl acetate	11.	U	12.	U	12.	U	11.	U	10.	U	10.	U
79-01-6	Trichloroethene	6.	U	6.	U	6.	U	5.	U	5.	U	5.	U

NAVAL WEAPONS STATION
NAVAL WEAPONS STATION (SOIL)
SOIL SAMPLES

SW846-VOA													
	SAMPLE ID ------->	018-S-B002-04		018-S-B002-05		018-S-B003-01		018-S-B003-02		018-S-B003-03		018-S-B003-04	
	ORIGINAL ID ----->	018SB00204		018SB00205		018SB00301		018SB00302		018SB00303		018SB00304	
	LAB SAMPLE ID --->	26340.08		26510.01		26349.01		26349.02		26349.03		26349.04	
	ID FROM REPORT -->	018SB00204		018SB00205		018SB00301		018SB00302		018SB00303		018SB00304	
	SAMPLE DATE ----->	07/17/96		08/01/96		07/18/96		07/18/96		07/18/96		07/18/96	
	DATE ANALYZED --->	07/19/96		08/08/96		07/25/96		07/25/96		07/25/96		07/25/96	
	MATRIX ---------->	Soil		Soil		Soil		Soil		Soil		Soil	
	UNITS ---------->	UG/KG	A	UG/KG	A	UG/KG	A	UG/KG	A	UG/KG	A	UG/KG	A
CAS #	Parameter	26332	VAL	26510	VAL	26332	VAL	26332	VAL	26332	VAL	26332	VAL
75-01-4	Vinyl chloride	11.	U	12.	U	10.	UJ	11.	U	11.	UJ	11.	U
75-09-2	Methylene chloride	44.	UJ	6.	U	5.	UJ	6.	U	5.	UJ	5.	U
67-64-1	Acetone	35.	UJ	33.	UJ	21.	UJ	12.	U	13.	UJ	20.	U
75-35-4	1,1-Dichloroethene	6.	U	6.	U	5.	UJ	6.	UJ	5.	UJ	5.	U
108-05-4	Vinyl acetate	11.	U	12.	UJ	10.	UJ	11.	UJ	11.	UJ	11.	U
79-01-6	Trichloroethene	6.	U	6.	UJ	5.	UJ	6.	UJ	5.	UJ	5.	U

NAVAL WEAPONS STATION
NAVAL WEAPONS STATION (SOIL)
SOIL SAMPLES

SW846-VOA													
	SAMPLE ID ------->	018-S-B003-05		018-S-B003-06		018-S-B004-01		018-S-B004-02		018-S-B004-03		018-S-B005-01	
	ORIGINAL ID ----->	018SB00305		018SB00306		018SB00401		018SB00402		018SB00403		018SB00501	
	LAB SAMPLE ID --->	26349.05		26489.04		26349.06		26349.07		26349.08		26349.09	
	ID FROM REPORT -->	018SB00305		018SB00306		018SB00401		018SB00402		018SB00403		018SB00501	
	SAMPLE DATE ----->	07/18/96		07/31/96		07/18/96		07/18/96		07/18/96		07/18/96	
	DATE ANALYZED --->	07/25/96		08/08/96		07/25/96		07/25/96		07/25/96		07/25/96	
	MATRIX ---------->	Soil		Soil		Soil		Soil		Soil		Soil	
	UNITS ---------->	UG/KG	A	UG/KG	A	UG/KG	A	UG/KG	A	UG/KG	A	UG/KG	A
CAS #	Parameter	26332	VAL	26473	VAL	26332	VAL	26332	VAL	26332	VAL	26332	VAL
75-01-4	Vinyl chloride	11.	U	12.	U	11.	U	12.	UJ	11.	U	10.	U
75-09-2	Methylene chloride	5.	U	6.	U	5.	U	6.	UJ	6.	U	5.	U
67-64-1	Acetone	18.	U	45.	UJ	15.	U	12.	UJ	62.	U	10.	U
75-35-4	1,1-Dichloroethene	5.	U	6.	U	5.	U	11.	UJ	6.	U	5.	U
108-05-4	Vinyl acetate	11.	U	12.	UJ	11.	U	12.	UJ	11.	U	10.	U
79-01-6	Trichloroethene	5.	U	6.	U	5.	U	6.	UJ	6.	U	5.	U

NAVAL WEAPONS STATION
NAVAL WEAPONS STATION (SOIL)
SOIL SAMPLES

SW846-VOA													
	SAMPLE ID ------->	018-S-B005-02		018-S-B005-03		018-S-B005-04		018-S-B005-05		018-S-B006-01		018-S-B006-02	
	ORIGINAL ID ----->	018SB00502		018SB00503		018SB00504		018SB00505		018SB00601		018SB00602	
	LAB SAMPLE ID --->	26349.12		26349.13		26349.14		26349.15		26421.01		26421.02	
	ID FROM REPORT -->	018SB00502		018SB00503		018SB00504		018SB00505		018SB00601		018SB00602	
	SAMPLE DATE ----->	07/18/96		07/18/96		07/18/96		07/18/96		07/25/96		07/25/96	
	DATE ANALYZED --->	07/25/96		07/25/96		07/25/96		07/29/96		07/30/96		07/30/96	
	MATRIX ---------->	Soil		Soil		Soil		Soil		Soil		Soil	
	UNITS ---------->	UG/KG	A	UG/KG	A	UG/KG	A	UG/KG	A	UG/KG	A	UG/KG	A
CAS #	Parameter	26332	VAL	26332	VAL	26332	VAL	26332	VAL	26421	VAL	26421	VAL
75-01-4	Vinyl chloride	11.	U	10.	U	11.	UJ	11.	U	11.	U	12.	U
75-09-2	Methylene chloride	6.	U	5.	U	5.	UJ	6.	U	5.	U	6.	U
67-64-1	Acetone	11.	U	77.	U	22.	UJ	150.	U	13.	U	17.	U
75-35-4	1,1-Dichloroethene	6.	U	5.	UJ	5.	UJ	6.	U	6.	U	6.	U
108-05-4	Vinyl acetate	11.	U	10.	UJ	11.	UJ	11.	U	11.	UR	12.	UR
79-01-6	Trichloroethene	2.	J	5.	UJ	5.	UJ	6.	U	6.	U	6.	U

NAVAL WEAPONS STATION
NAVAL WEAPONS STATION (SOIL)
SOIL SAMPLES

SW846-VOA													
	SAMPLE ID ------->	018-S-B006-03		018-S-B006-04		018-S-B007-01		018-S-B007-02		018-S-B007-03		018-S-B007-04	
	ORIGINAL ID ----->	018SB00603		018SB00604		018SB00701		018SB00702		018SB00703		018SB00704	
	LAB SAMPLE ID --->	26421.03		26421.04		26397.05		26397.06		26397.07		26397.08	
	ID FROM REPORT -->	018SB00603		018SB00604		018SB00701		018SB00702		018SB00703		018SB00704	
	SAMPLE DATE ----->	07/25/96		07/25/96		07/23/96		07/23/96		07/23/96		07/23/96	
	DATE ANALYZED --->	08/06/96		07/30/96		07/31/96		07/31/96		07/31/96		07/31/96	
	MATRIX ---------->	Soil		Soil		Soil		Soil		Soil		Soil	
	UNITS ---------->	UG/KG	A	UG/KG	A	UG/KG	A	UG/KG	A	UG/KG	A	UG/KG	A
CAS #	Parameter	26421	VAL	26421	VAL	26397	VAL	26397	VAL	26397	VAL	26397	VAL
75-01-4	Vinyl chloride	11.	U	11.	U	11.	U	10.	U	11.	U	10.	U
75-09-2	Methylene chloride	6.	U	5.	U	5.	UJ	5.	UJ	5.	UJ	5.	UJ
67-64-1	Acetone	11.	U	19.	UJ	36.	UJ	24.	UJ	110.	UJ	82.	UJ
75-35-4	1,1-Dichloroethene	6.	U	5.	U	5.	U	5.	U	6.	U	5.	U
108-05-4	Vinyl acetate	11.	U	11.	UR	11.	U	10.	U	11.	U	10.	U
79-01-6	Trichloroethene	6.	U	5.	U	5.	U	5.	U	6.	U	5.	U

NAVAL WEAPONS STATION
NAVAL WEAPONS STATION (SOIL)
SOIL SAMPLES

SW846-VOA													
	SAMPLE ID ------->	018-S-B008-01 RE		018-S-B008-02		018-S-B008-03		018-S-B008-04		018-S-B009-01		018-S-B010-01	
	ORIGINAL ID ----->	018SB00801		018SB00802		018SB00803		018SB00804		018SB00901		018SB01001	
	LAB SAMPLE ID --->	26404.01		26404.02		26404.03		26404.04		26404.08		26404.13	
	ID FROM REPORT -->	018SB00801		018SB00802		018SB00803		018SB00804		018SB00901		018SB01001	
	SAMPLE DATE ----->	07/24/96		07/24/96		07/24/96		07/24/96		07/24/96		07/24/96	
	DATE ANALYZED --->	08/01/96		07/31/96		07/31/96		07/31/96		08/02/96		08/02/96	
	MATRIX ---------->	Soil		Soil		Soil		Soil		Soil		Soil	
	UNITS ---------->	UG/KG	A	UG/KG	A	UG/KG	A	UG/KG	A	UG/KG	A	UG/KG	A
CAS #	Parameter	26397	VAL	26397	VAL	26397	VAL	26397	VAL	26397	VAL	26397	VAL
75-01-4	Vinyl chloride	11.	U	11.	U	11.	U	11.	U	17.	U	11.	U
75-09-2	Methylene chloride	12.	U	5.	UJ	5.	UJ	5.	UJ	5.	U	5.	U
67-64-1	Acetone	11.	U	29.	UJ	56.	UJ	160.	UJ	17.	U	11.	U
75-35-4	1,1-Dichloroethene	6.	U	5.	U	5.	U	6.	U	8.	U	5.	U
108-05-4	Vinyl acetate	11.	UJ	11.	U	11.	U	11.	U	17.	U	11.	U
79-01-6	Trichloroethene	6.	UJ	5.	U	5.	U	6.	U	8.	U	5.	U

NAVAL WEAPONS STATION
NAVAL WEAPONS STATION (SOIL)
SOIL SAMPLES

SW846-VOA													
	SAMPLE ID ------->	018-S-B010-02		018-S-B010-03		018-S-B010-04		018-S-B011-01		018-S-B011-02		018-S-B011-03	
	ORIGINAL ID ----->	018SB01002		018SB01003		018SB01004		018SB01101		018SB01102		018SB01103	
	LAB SAMPLE ID --->	26404.14		26404.15		26404.16		26364.02		26364.03		26364.04	
	ID FROM REPORT -->	018SB01002		018SB01003		018SB01004		018SB01101		018SB01102		018SB01103	
	SAMPLE DATE ----->	07/24/96		07/24/96		07/24/96		07/19/96		07/19/96		07/19/96	
	DATE ANALYZED --->	08/02/96		08/02/96		08/02/96		07/26/96		07/26/96		07/26/96	
	MATRIX ---------->	Soil		Soil		Soil		Soil		Soil		Soil	
	UNITS ---------->	UG/KG	A	UG/KG	A	UG/KG	A	UG/KG	A	UG/KG	A	UG/KG	A
CAS #	Parameter	26397	VAL	26397	VAL	26397	VAL	26364	VAL	26364	VAL	26364	VAL
75-01-4	Vinyl chloride	11.	U	10.	U	11.	U	10.	U	11.	U	11.	U
75-09-2	Methylene chloride	5.	U	5.	U	5.	U	5.	U	5.	U	6.	U
67-64-1	Acetone	11.	U	10.	U	11.	U	21.	UJ	22.	UJ	38.	UJ
75-35-4	1,1-Dichloroethene	5.	U	5.	U	6.	U	5.	U	5.	U	6.	U
108-05-4	Vinyl acetate	11.	U	10.	U	11.	U	10.	U	11.	U	11.	U
79-01-6	Trichloroethene	5.	U	5.	U	6.	U	5.	U	5.	U	6.	U

NAVAL WEAPONS STATION
NAVAL WEAPONS STATION (SOIL)
SOIL SAMPLES

SW846-VOA													
	SAMPLE ID ------->	018-S-B011-04		018-S-B012-01		018-S-B012-02		018-S-B012-03		018-S-B012-04		018-S-B013-01 RE	
	ORIGINAL ID ----->	018SB01104		018SB01201		018SB01202		018SB01203		018SB01204		018SB01301	
	LAB SAMPLE ID --->	26364.05		26364.06		26364.07		26364.08		26364.09		26364.10	
	ID FROM REPORT -->	018SB01104		018SB01201		018SB01202		018SB01203		018SB01204		018SB01301	
	SAMPLE DATE ----->	07/19/96		07/19/96		07/19/96		07/19/96		07/19/96		07/19/96	
	DATE ANALYZED --->	07/26/96		07/26/96		07/26/96		07/26/96		07/26/96		07/29/96	
	MATRIX ---------->	Soil		Soil		Soil		Soil		Soil		Soil	
	UNITS ---------->	UG/KG	A	UG/KG	A	UG/KG	A	UG/KG	A	UG/KG	A	UG/KG	A
CAS #	Parameter	26364	VAL	26364	VAL	26364	VAL	26364	VAL	26364	VAL	26364	VAL
75-01-4	Vinyl chloride	11.	U	10.	U	10.	U	11.	U	12.	U	11.	U
75-09-2	Methylene chloride	1.	J	5.	U	1.	J	3.	J	1.	J	5.	U
67-64-1	Acetone	23.	UJ	10.	UJ	10.	UJ	11.	UJ	34.	UJ	11.	U
75-35-4	1,1-Dichloroethene	5.	U	5.	U	5.	U	6.	U	6.	U	5.	U
108-05-4	Vinyl acetate	11.	U	10.	U	10.	UJ	11.	U	12.	U	11.	UJ
79-01-6	Trichloroethene	5.	U	5.	U	5.	UJ	6.	U	6.	U	5.	UJ

NAVAL WEAPONS STATION
NAVAL WEAPONS STATION (SOIL)
SOIL SAMPLES

SW846-VOA													
	SAMPLE ID ------->	018-S-B013-02 RE		018-S-B013-03 RE		018-S-B013-04		018-S-B014-01		018-S-B014-02		018-S-B014-03	
	ORIGINAL ID ----->	018SB01302		018SB01303		018SB01304		018SB01401		018SB01402		018SB01403	
	LAB SAMPLE ID --->	26364.11		26364.12		26364.13		26379.09		26379.10		26379.11	
	ID FROM REPORT -->	018SB01302		018SB01303		018SB01304		018SB01401		018SB01402		018SB01403	
	SAMPLE DATE ----->	07/19/96		07/19/96		07/19/96		07/22/96		07/22/96		07/22/96	
	DATE ANALYZED --->	07/29/96		07/29/96		07/29/96		07/31/96		07/31/96		07/31/96	
	MATRIX ---------->	Soil		Soil		Soil		Soil		Soil		Soil	
	UNITS ---------->	UG/KG	A	UG/KG	A	UG/KG	A	UG/KG	A	UG/KG	A	UG/KG	A
CAS #	Parameter	26364	VAL	26364	VAL	26364	VAL	26364	VAL	26364	VAL	26364	VAL
75-01-4	Vinyl chloride	11.	U	11.	UJ	11.	U	11.	U	11.	U	12.	U
75-09-2	Methylene chloride	5.	U	6.	UJ	5.	U	5.	U	6.	U	2.	J
67-64-1	Acetone	15.	U	30.	UJ	180.	U	9.	U	21.	U	130.	U
75-35-4	1,1-Dichloroethene	5.	U	5.	UJ	6.	U	5.	U	6.	U	6.	U
108-05-4	Vinyl acetate	11.	UJ	11.	UJ	11.	U	11.	U	11.	U	12.	U
79-01-6	Trichloroethene	5.	UJ	5.	UJ	6.	U	5.	U	6.	U	6.	U

NAVAL WEAPONS STATION
NAVAL WEAPONS STATION (SOIL)
SOIL SAMPLES

SW846-VOA													
	SAMPLE ID ------->	018-S-B014-04		018-S-B015-01		018-S-B015-02		018-S-B015-03		018-S-B015-04		018-S-B016-01	
	ORIGINAL ID ----->	018SB01404		018SB01501		018SB01502		018SB01503		018SB01504		018SB01601	
	LAB SAMPLE ID --->	26379.12		26397.01		26397.02		26397.03		26397.04		26379.05	
	ID FROM REPORT -->	018SB01404		018SB01501		018SB01502		018SB01503		018SB01504		018SB01601	
	SAMPLE DATE ----->	07/22/96		07/23/96		07/23/96		07/23/96		07/23/96		07/22/96	
	DATE ANALYZED --->	07/30/96		07/31/96		07/31/96		07/31/96		07/31/96		07/30/96	
	MATRIX ---------->	Soil		Soil		Soil		Soil		Soil		Soil	
	UNITS ---------->	UG/KG	A	UG/KG	A	UG/KG	A	UG/KG	A	UG/KG	A	UG/KG	A
CAS #	Parameter	26364	VAL	26397	VAL	26397	VAL	26397	VAL	26397	VAL	26364	VAL
75-01-4	Vinyl chloride	12.	U	11.	U	11.	U	11.	U	11.	U	11.	U
75-09-2	Methylene chloride	23.	UJ	5.	UJ	5.	UJ	5.	UJ	5.	UJ	26.	UJ
67-64-1	Acetone	30.	U	47.	UJ	72.	UJ	43.	UJ	38.	UJ	21.	U
75-35-4	1,1-Dichloroethene	6.	U	6.	U	5.	U	6.	U	6.	U	5.	U
108-05-4	Vinyl acetate	12.	U	11.	U	11.	U	11.	U	11.	U	11.	U
79-01-6	Trichloroethene	6.	U	6.	U	5.	U	6.	U	6.	U	5.	U

NAVAL WEAPONS STATION
NAVAL WEAPONS STATION (SOIL)
SOIL SAMPLES

SW846-VOA													
	SAMPLE ID ------->	018-S-B016-02		018-S-B017-01		018-S-B017-02		018-S-B017-03 RE		018-S-B017-04		018-S-B018-01	
	ORIGINAL ID ----->	018SB01602		018SB01701		018SB01702		018SB01703		018SB01704		018SB01801	
	LAB SAMPLE ID --->	26379.06		26404.09		26404.10		26404.11		26404.12		26379.01	
	ID FROM REPORT -->	018SB01602		018SB01701		018SB01702		018SB01703		018SB01704		018SB01801	
	SAMPLE DATE ----->	07/22/96		07/24/96		07/24/96		07/24/96		07/24/96		07/22/96	
	DATE ANALYZED --->	07/30/96		08/01/96		08/01/96		08/02/96		08/02/96		07/30/96	
	MATRIX ---------->	Soil		Soil		Soil		Soil		Soil		Soil	
	UNITS ---------->	UG/KG	A	UG/KG	A	UG/KG	A	UG/KG	A	UG/KG	A	UG/KG	A
CAS #	Parameter	26364	VAL	26397	VAL	26397	VAL	26397	VAL	26397	VAL	26364	VAL
75-01-4	Vinyl chloride	11.	U	10.	U	11.	U	11.	UJ	11.	U	11.	U
75-09-2	Methylene chloride	22.	UJ	5.	U	10.	U	5.	UJ	4.	J	27.	UJ
67-64-1	Acetone	38.	U	10.	U	11.	U	11.	UJ	11.	U	17.	U
75-35-4	1,1-Dichloroethene	5.	U	5.	U	5.	U	5.	UJ	5.	U	5.	U
108-05-4	Vinyl acetate	11.	U	10.	U	11.	UJ	11.	UJ	11.	U	11.	U
79-01-6	Trichloroethene	5.	U	5.	U	5.	UJ	5.	UJ	5.	U	5.	U

NAVAL WEAPONS STATION
NAVAL WEAPONS STATION (SOIL)
SOIL SAMPLES

SW846-VOA													
	SAMPLE ID ------->	018-S-B018-02		018-S-B018-03		018-S-B018-04		018-S-B019-01		018-S-B019-02		018-S-B019-03	
	ORIGINAL ID ----->	018SB01802		018SB01803		018SB01804		018SB01901		018SB01902		018SB01903	
	LAB SAMPLE ID --->	26379.02		26379.03		26379.04		26379.13		26379.14		26379.07	
	ID FROM REPORT -->	018SB01802		018SB01803		018SB01804		018SB01901		018SB01902		018SB01903	
	SAMPLE DATE ----->	07/22/96		07/22/96		07/22/96		07/22/96		07/22/96		07/22/96	
	DATE ANALYZED --->	07/30/96		07/30/96		07/30/96		07/30/96		07/30/96		07/30/96	
	MATRIX ---------->	Soil		Soil		Soil		Soil		Soil		Soil	
	UNITS ---------->	UG/KG	A	UG/KG	A	UG/KG	A	UG/KG	A	UG/KG	A	UG/KG	A
CAS #	Parameter	26364	VAL	26364	VAL	26364	VAL	26364	VAL	26364	VAL	26364	VAL
75-01-4	Vinyl chloride	12.	U	11.	U	12.	U	11.	U	11.	U	12.	U
75-09-2	Methylene chloride	26.	UJ	23.	UJ	23.	UJ	23.	UJ	25.	UJ	22.	UJ
67-64-1	Acetone	15.	U	27.	U	16.	U	11.	U	22.	U	45.	U
75-35-4	1,1-Dichloroethene	6.	U	6.	U	6.	U	5.	U	6.	U	6.	U
108-05-4	Vinyl acetate	12.	U	11.	U	12.	U	11.	U	11.	U	12.	U
79-01-6	Trichloroethene	6.	U	6.	U	6.	U	5.	U	6.	U	6.	U

NAVAL WEAPONS STATION
NAVAL WEAPONS STATION (SOIL)
SOIL SAMPLES

SW846-VOA													
	SAMPLE ID ------->	018-S-B019-04		018-S-G001-01		018-S-G001-02		018-S-G001-03		018-S-G001-04		018-S-G002-01	
	ORIGINAL ID ----->	018SB01904		018SG00101		018SG00102		018SG00103		018SG00104		018SG00201	
	LAB SAMPLE ID --->	26379.08		26463.05		26463.08		26463.09		26463.10		26463.01	
	ID FROM REPORT -->	018SB01904		018SG00101		018SG00102		018SG00103		018SG00104		018SG00201	
	SAMPLE DATE ----->	07/22/96		07/29/96		07/29/96		07/29/96		07/29/96		07/29/96	
	DATE ANALYZED --->	07/30/96		08/06/96		08/06/96		08/06/96		08/06/96		08/06/96	
	MATRIX ---------->	Soil		Soil		Soil		Soil		Soil		Soil	
	UNITS ---------->	UG/KG	A	UG/KG	A	UG/KG	A	UG/KG	A	UG/KG	A	UG/KG	A
CAS #	Parameter	26364	VAL	26463	VAL	26463	VAL	26463	VAL	26463	VAL	26463	VAL
75-01-4	Vinyl chloride	12.	U	10.	U	12.	U	10.	U	10.	U	10.	U
75-09-2	Methylene chloride	29.	UJ	5.	U	17.	U	15.	U	13.	U	12.	U
67-64-1	Acetone	22.	U	10.	UJ	12.	UJ	25.	UJ	19.	UJ	10.	UJ
75-35-4	1,1-Dichloroethene	6.	U	5.	U	6.	U	5.	U	5.	U	5.	U
108-05-4	Vinyl acetate	12.	U	10.	UR	12.	UR	10.	UR	10.	UR	10.	UR
79-01-6	Trichloroethene	6.	U	5.	U	6.	U	5.	U	5.	U	5.	U

NAVAL WEAPONS STATION
NAVAL WEAPONS STATION (SOIL)
SOIL SAMPLES

SW846-VOA													
	SAMPLE ID ------->	018-S-G002-02		018-S-G002-03		018-S-G002-04		018-S-G003-01		018-S-G003-02		018-S-G003-03	
	ORIGINAL ID ----->	018SG00202		018SG00203		018SG00204		018SG00301		018SG00302		018SG00303	
	LAB SAMPLE ID --->	26463.02		26463.03		26463.04		26421.05		26421.08		26421.09	
	ID FROM REPORT -->	018SG00202		018SG00203		018SG00204		018SG00301		018SG00302		018SG00303	
	SAMPLE DATE ----->	07/29/96		07/29/96		07/29/96		07/25/96		07/25/96		07/25/96	
	DATE ANALYZED --->	08/06/96		08/06/96		08/06/96		08/06/96		07/31/96		07/31/96	
	MATRIX ---------->	Soil		Soil		Soil		Soil		Soil		Soil	
	UNITS ---------->	UG/KG	A	UG/KG	A	UG/KG	A	UG/KG	A	UG/KG	A	UG/KG	A
CAS #	Parameter	26463	VAL	26463	VAL	26463	VAL	26421	VAL	26421	VAL	26421	VAL
75-01-4	Vinyl chloride	10.	U	11.	U	10.	U	10.	U	11.	U	11.	U
75-09-2	Methylene chloride	7.	U	7.	U	6.	U	6.	U	5.	U	6.	U
67-64-1	Acetone	10.	UJ	23.	UJ	10.	UJ	10.	UJ	38.	UJ	37.	UJ
75-35-4	1,1-Dichloroethene	5.	U	5.	U	5.	U	5.	U	5.	U	6.	U
108-05-4	Vinyl acetate	10.	UR	11.	UR	10.	UR	10.	UR	11.	UR	11.	UR
79-01-6	Trichloroethene	5.	U	5.	U	5.	U	5.	U	5.	U	6.	U

NAVAL WEAPONS STATION
NAVAL WEAPONS STATION (SOIL)
SOIL SAMPLES

SW846-VOA													
	SAMPLE ID ------->	018-S-G003-04		018-S-G004-01		018-S-G004-02		018-S-G004-03		018-S-G004-04		018-S-G005-01	
	ORIGINAL ID ----->	018SG00304		018SG00401		018SG00402		018SG00403		018SG00404		018SG00501	
	LAB SAMPLE ID --->	26421.10		26421.11		26421.12		26421.13		26421.14		26473.05	
	ID FROM REPORT -->	018SG00304		018SG00401		018SG00402		018SG00403		018SG00404		018SG00501	
	SAMPLE DATE ----->	07/25/96		07/25/96		07/25/96		07/25/96		07/25/96		07/30/96	
	DATE ANALYZED --->	08/07/96		08/06/96		08/07/96		08/07/96		08/07/96		08/08/96	
	MATRIX ---------->	Soil		Soil		Soil		Soil		Soil		Soil	
	UNITS ---------->	UG/KG	A	UG/KG	A	UG/KG	A	UG/KG	A	UG/KG	A	UG/KG	A
CAS #	Parameter	26421	VAL	26421	VAL	26421	VAL	26421	VAL	26421	VAL	26473	VAL
75-01-4	Vinyl chloride	11.	U	11.	UJ	11.	U	11.	U	11.	U	11.	U
75-09-2	Methylene chloride	7.	U	8.	UJ	23.	U	7.	U	6.	UJ	5.	U
67-64-1	Acetone	25.	UJ	11.	UJ	11.	U	11.	U	11.	U	11.	UJ
75-35-4	1,1-Dichloroethene	6.	U	5.	UJ	6.	U	6.	U	5.	U	5.	U
108-05-4	Vinyl acetate	11.	UJ	11.	UR	11.	UR	11.	UR	11.	UR	11.	UR
79-01-6	Trichloroethene	6.	U	5.	UJ	6.	U	6.	U	5.	U	5.	U

NAVAL WEAPONS STATION
NAVAL WEAPONS STATION (SOIL)
SOIL SAMPLES

SW846-VOA													
	SAMPLE ID ------->	018-S-G005-02		018-S-G005-03		018-S-G005-04		018-S-G006-02		018-S-G006-03		018-S-G006-04	
	ORIGINAL ID ----->	018SG00502		018SG00503		018SG00504		018SG00602		018SG00603		018SG00604	
	LAB SAMPLE ID --->	26473.08		26473.09		26473.10		26473.02		26473.03		26473.04	
	ID FROM REPORT -->	018SG00502		018SG00503		018SG00504		018SG00602		018SG00603		018SG00604	
	SAMPLE DATE ----->	07/30/96		07/30/96		07/30/96		07/30/96		07/30/96		07/30/96	
	DATE ANALYZED --->	08/07/96		08/07/96		08/07/96		08/08/96		08/08/96		08/07/96	
	MATRIX ---------->	Soil		Soil		Soil		Soil		Soil		Soil	
	UNITS ---------->	UG/KG	A	UG/KG	A	UG/KG	A	UG/KG	A	UG/KG	A	UG/KG	A
CAS #	Parameter	26473	VAL	26473	VAL	26473	VAL	26473	VAL	26473	VAL	26473	VAL
75-01-4	Vinyl chloride	11.	U	11.	U	11.	U	11.	U	11.	U	11.	U
75-09-2	Methylene chloride	21.	U	19.	U	24.	U	5.	U	5.	U	18.	U
67-64-1	Acetone	11.	U	11.	U	37.	U	11.	UJ	11.	UJ	11.	U
75-35-4	1,1-Dichloroethene	5.	U	5.	U	6.	U	5.	U	5.	U	6.	U
108-05-4	Vinyl acetate	11.	UR	11.	UR	11.	UR	11.	UR	11.	UR	11.	UR
79-01-6	Trichloroethene	5.	U	5.	U	6.	U	5.	U	5.	U	6.	U

NAVAL WEAPONS STATION
NAVAL WEAPONS STATION (SOIL)
SOIL SAMPLES

SW846-VOA													
	SAMPLE ID ------->	018-S-G007-01		018-S-G007-02		018-S-G007-03		018-S-G007-04		018-S-G008-01		018-S-G008-02	
	ORIGINAL ID ----->	018SG00701		018SG00702		018SG00703		018SG00704		018SG00801		018SG00802	
	LAB SAMPLE ID --->	26463.11		26463.14		26463.15		26463.16		26434.14		26434.15	
	ID FROM REPORT -->	018SG00701		018SG00702		018SG00703		018SG00704		018SG00801		018SG00802	
	SAMPLE DATE ----->	07/29/96		07/29/96		07/29/96		07/29/96		07/26/96		07/26/96	
	DATE ANALYZED --->	08/06/96		08/06/96		08/06/96		08/06/96		07/31/96		08/01/96	
	MATRIX ---------->	Soil		Soil		Soil		Soil		Soil		Soil	
	UNITS ---------->	UG/KG	A	UG/KG	A	UG/KG	A	UG/KG	A	UG/KG	A	UG/KG	A
CAS #	Parameter	26463	VAL	26463	VAL	26463	VAL	26463	VAL	26434	VAL	26434	VAL
75-01-4	Vinyl chloride	10.	U	10.	U	10.	U	10.	U	11.	U	11.	U
75-09-2	Methylene chloride	13.	U	12.	U	13.	U	14.	U	6.	U	5.	U
67-64-1	Acetone	10.	UJ	13.	UJ	14.	UJ	10.	UJ	25.	UJ	11.	U
75-35-4	1,1-Dichloroethene	5.	U	5.	U	5.	U	5.	U	6.	U	5.	U
108-05-4	Vinyl acetate	10.	UR	10.	UR	10.	UR	10.	UR	11.	UJ	11.	UJ
79-01-6	Trichloroethene	5.	U	5.	U	5.	U	5.	U	6.	U	5.	U

NAVAL WEAPONS STATION
NAVAL WEAPONS STATION (SOIL)
SOIL SAMPLES

SW846-VOA													
	SAMPLE ID ------->	018-S-G008-03		018-S-G009-01		018-S-G009-02		018-S-G009-03		018-S-G009-04		018-S-G010-01	
	ORIGINAL ID ----->	018SG00803		018SG00901		018SG00902		018SG00903		018SG00904		018SG01001	
	LAB SAMPLE ID --->	26434.16		26434.09		26434.10		26434.11		26434.12		26434.05	
	ID FROM REPORT -->	018SG00803		018SG00901		018SG00902		018SG00903		018SG00904		018SG01001	
	SAMPLE DATE ----->	07/26/96		07/26/96		07/26/96		07/26/96		07/26/96		07/26/96	
	DATE ANALYZED --->	07/31/96		07/31/96		07/31/96		08/01/96		07/31/96		07/31/96	
	MATRIX ---------->	Soil		Soil		Soil		Soil		Soil		Soil	
	UNITS ---------->	UG/KG	A	UG/KG	A	UG/KG	A	UG/KG	A	UG/KG	A	UG/KG	A
CAS #	Parameter	26434	VAL	26434	VAL	26434	VAL	26434	VAL	26434	VAL	26434	VAL
75-01-4	Vinyl chloride	11.	U	10.	U	11.	U	11.	U	12.	U	11.	U
75-09-2	Methylene chloride	6.	U	5.	U	5.	U	5.	U	6.	U	5.	U
67-64-1	Acetone	19.	UJ	10.	UJ	11.	UJ	11.	U	26.	UJ	22.	UJ
75-35-4	1,1-Dichloroethene	6.	U	5.	U	5.	U	5.	U	6.	U	5.	U
108-05-4	Vinyl acetate	11.	UJ	10.	UJ	11.	UJ	11.	UJ	12.	UJ	11.	UJ
79-01-6	Trichloroethene	6.	U	5.	U	5.	U	5.	U	6.	U	5.	U

NAVAL WEAPONS STATION
NAVAL WEAPONS STATION (SOIL)
SOIL SAMPLES

SW846-VOA													
	SAMPLE ID ------->	018-S-G010-02		018-S-G010-03		018-S-G010-04		018-S-G011-01		018-S-G011-02		018-S-G011-03	
	ORIGINAL ID ----->	018SG01002		018SG01003		018SG01004		018SG01101		018SG01102		018SG01103	
	LAB SAMPLE ID --->	26434.06		26434.07		26434.08		26421.15		26421.16		26421.17	
	ID FROM REPORT -->	018SG01002		018SG01003		018SG01004		018SG01101		018SG01102		018SG01103	
	SAMPLE DATE ----->	07/26/96		07/26/96		07/26/96		07/25/96		07/25/96		07/25/96	
	DATE ANALYZED --->	07/31/96		07/31/96		07/31/96		08/07/96		08/07/96		08/07/96	
	MATRIX ---------->	Soil		Soil		Soil		Soil		Soil		Soil	
	UNITS ---------->	UG/KG	A	UG/KG	A	UG/KG	A	UG/KG	A	UG/KG	A	UG/KG	A
CAS #	Parameter	26434	VAL	26434	VAL	26434	VAL	26421	VAL	26421	VAL	26421	VAL
75-01-4	Vinyl chloride	11.	U	11.	U	11.	U	11.	U	11.	U	11.	U
75-09-2	Methylene chloride	5.	U	5.	U	5.	U	6.	U	5.	U	6.	U
67-64-1	Acetone	11.	UJ	11.	UJ	26.	UJ	11.	U	11.	U	11.	U
75-35-4	1,1-Dichloroethene	5.	U	5.	U	5.	U	5.	U	5.	U	5.	U
108-05-4	Vinyl acetate	11.	UJ	11.	UJ	11.	UJ	11.	UR	11.	UR	11.	UR
79-01-6	Trichloroethene	5.	U	5.	U	5.	U	5.	U	5.	U	5.	U

NAVAL WEAPONS STATION
NAVAL WEAPONS STATION (SOIL)
SOIL SAMPLES

SW846-VOA											
	SAMPLE ID ------->	018-S-G011-04		018-S-G012-01		018-S-G012-02		018-S-G012-03		018-S-G012-04	
	ORIGINAL ID ----->	018SG01104		018SG01201		018SG01202		018SG01203		018SG01204	
	LAB SAMPLE ID --->	26421.18		26434.01		26434.02		26434.03		26434.04	
	ID FROM REPORT -->	018SG01104		018SG01201		018SG01202		018SG01203		018SG01204	
	SAMPLE DATE ----->	07/25/96		07/26/96		07/26/96		07/26/96		07/26/96	
	DATE ANALYZED --->	08/07/96		07/31/96		07/31/96		07/31/96		08/01/96	
	MATRIX ---------->	Soil		Soil		Soil		Soil		Soil	
	UNITS ---------->	UG/KG	A	UG/KG	A	UG/KG	A	UG/KG	A	UG/KG	A
CAS #	Parameter	26421	VAL	26434	VAL	26434	VAL	26434	VAL	26434	VAL
75-01-4	Vinyl chloride	11.	U	10.	U	10.	U	11.	U	11.	U
75-09-2	Methylene chloride	6.	U	5.	U	5.	U	6.	U	12.	
67-64-1	Acetone	11.	U	30.	UJ	10.	UJ	18.	UJ	15.	U
75-35-4	1,1-Dichloroethene	5.	U	5.	U	5.	U	6.	U	6.	U
108-05-4	Vinyl acetate	11.	UR	10.	UJ	10.	UJ	11.	UJ	11.	UJ
79-01-6	Trichloroethene	5.	U	5.	U	5.	U	6.	U	6.	U

APPENDIX B

SOIL HITS

Table B-1
Chemicals Present in Soil Samples
Volatiles

NAME	SAMPLE_ID	RESULT	CONC_UNITS	VQUAL
Benzene	018SB00502	2.0000	UG/KG	J
Chlorobenzene	018SB00502	1.0000	UG/KG	J
Methylene chloride	018SB01202	1.0000	UG/KG	J
Methylene chloride	018SB01403	2.0000	UG/KG	J
Methylene chloride	018SB01203	3.0000	UG/KG	J
Methylene chloride	018SB01104	1.0000	UG/KG	J
Methylene chloride	018SB01204	1.0000	UG/KG	J
Methylene chloride	018SB01704	4.0000	UG/KG	J
Methylene chloride	018SG01204	12.0000	UG/KG	
Toluene	018SB01602	1.0000	UG/KG	J
Toluene	018SB00502	2.0000	UG/KG	J
Toluene	018SG00302	5.0000	UG/KG	J
Trichloroethene	018SB00502	2.0000	UG/KG	J

Table B-1
Chemicals Present in Soil Samples
Semi-Volatiles

NAME	SAMPLE_ID	RESULT	CONC_UNITS	VQUAL
Di-n-butylphthalate	018SB00501	46.0000	UG/KG	J
Di-n-butylphthalate	018SB01601	110.0000	UG/KG	J
Di-n-butylphthalate	018SG01001	120.0000	UG/KG	J
Di-n-butylphthalate	018SG01201	140.0000	UG/KG	J
Di-n-butylphthalate	018SB01401	180.0000	UG/KG	J
Di-n-butylphthalate	018SB01201	940.0000	UG/KG	J
Di-n-butylphthalate	018SB01602	43.0000	UG/KG	J
Di-n-butylphthalate	018SG01202	67.0000	UG/KG	J
Di-n-butylphthalate	018SB01103	50.0000	UG/KG	J
Di-n-butylphthalate	018SB01104	38.0000	UG/KG	J
Di-n-octyl phthalate	018SB00504	37.0000	UG/KG	J
Diphenylamine	018SB01201	59.0000	UG/KG	J
Pentachlorophenol	018SB00101	42.0000	UG/KG	J
Pyrene	018SG00201	65.0000	UG/KG	J
Pyrene	018SB00201	99.0000	UG/KG	J
Pyrene	018SB01901	150.0000	UG/KG	J
Pyrene	018SG01201	360.0000	UG/KG	

Table B-1
Chemicals Present in Soil Samples
Pesticides

NAME	SAMPLE_ID	RESULT	CONC_UNITS	VQUAL
4,4'-DDD	018SG00604	22.0000	UG/KG	
4,4'-DDE	018SB01301	2.9000	UG/KG	J
4,4'-DDE	018SB01001	3.4000	UG/KG	
4,4'-DDE	018SB00901	7.4000	UG/KG	
4,4'-DDE	018SG00501	15.0000	UG/KG	J
4,4'-DDE	018SG00604	34.0000	UG/KG	
4,4'-DDT	018SB01001	3.6000	UG/KG	
4,4'-DDT	018SB00301	3.8000	UG/KG	
4,4'-DDT	018SG01201	14.0000	UG/KG	J
4,4'-DDT	018SB00101	15.0000	UG/KG	J
4,4'-DDT	018SB00801	20.0000	UG/KG	J
4,4'-DDT	018SG00501	170.0000	UG/KG	D
4,4'-DDT	018SG00602	4.9000	UG/KG	
4,4'-DDT	018SG00502	9.5000	UG/KG	
4,4'-DDT	018SG00603	8.0000	UG/KG	
4,4'-DDT	018SG00503	19.0000	UG/KG	
4,4'-DDT	018SG00504	15.0000	UG/KG	
4,4'-DDT	018SG00604	490.0000	UG/KG	D
Endosulfan II	018SG00604	45.0000	UG/KG	
Endrin	018SB00801	3.6000	UG/KG	J
Endrin	018SG01201	5.8000	UG/KG	J
Endrin aldehyde	018SG00604	54.0000	UG/KG	
Heptachlor	018SG00501	1.5000	UG/KG	J
Heptachlor	018SB00101	2.8000	UG/KG	
Heptachlor	018SB00901	4.0000	UG/KG	J
Heptachlor	018SB00102	1.5000	UG/KG	
Heptachlor	018SB01102	1.5000	UG/KG	
Heptachlor	018SG01202	2.0000	UG/KG	
Heptachlor	018SB01703	1.6000	UG/KG	
Heptachlor	018SB01103	1.7000	UG/KG	
Heptachlor	018SB01104	1.9000	UG/KG	J
Heptachlor epoxide	018SB01302	4.0000	UG/KG	J
Toxaphene	018SG00501	1600.0000	UG/KG	D
Toxaphene	018SG00604	4300.0000	UG/KG	DJ
alpha-Chlordane	018SG00501	3.6000	UG/KG	
alpha-Chlordane	018SG00604	7.6000	UG/KG	
beta-BHC	018SG00501	3.2000	UG/KG	J
beta-BHC	018SG00604	9.3000	UG/KG	
delta-BHC	018SB00801	1.8000	UG/KG	J
gamma-Chlordane	018SG00501	1.4000	UG/KG	J

Table 1
Chemicals Preent in Site Samples
Metals

NAME	SAMPLE_ID	RESULT	CONC_UNITS	VQUAL
Aluminum (Al)	018SB02202	1650.0000	MG/KG	
Aluminum (Al)	018SG00101	2430.0000	MG/KG	
Aluminum (Al)	018SB01804	2480.0000	MG/KG	
Aluminum (Al)	018SB00304	3400.0000	MG/KG	
Aluminum (Al)	018SB01002	3590.0000	MG/KG	
Aluminum (Al)	018SB02101	3590.0000	MG/KG	
Aluminum (Al)	018SB01801	3630.0000	MG/KG	
Aluminum (Al)	018SG00304	3650.0000	MG/KG	
Aluminum (Al)	018SB01602	3770.0000	MG/KG	
Aluminum (Al)	018SG01204	3870.0000	MG/KG	
Aluminum (Al)	018SB00505	3880.0000	MG/KG	
Aluminum (Al)	018SB01601	3940.0000	MG/KG	
Aluminum (Al)	018SB00102	3980.0000	MG/KG	
Aluminum (Al)	018SG00904	4000.0000	MG/KG	
Aluminum (Al)	018SG01101	4000.0000	MG/KG	
Aluminum (Al)	018SB02201	4090.0000	MG/KG	
Aluminum (Al)	018SB01001	4100.0000	MG/KG	
Aluminum (Al)	018SB01904	4140.0000	MG/KG	
Aluminum (Al)	018SG00602	4150.0000	MG/KG	
Aluminum (Al)	018SB00305	4180.0000	MG/KG	
Aluminum (Al)	018SB00603	4250.0000	MG/KG	
Aluminum (Al)	018SG00604	4270.0000	MG/KG	
Aluminum (Al)	018SG01001	4270.0000	MG/KG	
Aluminum (Al)	018SB00503	4340.0000	MG/KG	
Aluminum (Al)	018SG01201	4400.0000	MG/KG	
Aluminum (Al)	018SB01101	4530.0000	MG/KG	
Aluminum (Al)	018SB01104	4590.0000	MG/KG	
Aluminum (Al)	018SB01204	4680.0000	MG/KG	
Aluminum (Al)	018SG00703	4700.0000	MG/KG	
Aluminum (Al)	018SG00204	4790.0000	MG/KG	
Aluminum (Al)	018SB01003	4800.0000	MG/KG	
Aluminum (Al)	018SB00501	4810.0000	MG/KG	
Aluminum (Al)	018SB02204	4830.0000	MG/KG	
Aluminum (Al)	018SB01802	4910.0000	MG/KG	
Aluminum (Al)	018SG01102	4910.0000	MG/KG	
Aluminum (Al)	018SB01303	4970.0000	MG/KG	
Aluminum (Al)	018SB00804	5010.0000	MG/KG	
Aluminum (Al)	018SB00101	5080.0000	MG/KG	
Aluminum (Al)	018SB00802	5100.0000	MG/KG	
Aluminum (Al)	018SB00504	5280.0000	MG/KG	
Aluminum (Al)	018SB00301	5310.0000	MG/KG	
Aluminum (Al)	018SB00803	5420.0000	MG/KG	
Aluminum (Al)	018SG01004	5450.0000	MG/KG	
Aluminum (Al)	018SB01201	5470.0000	MG/KG	
Aluminum (Al)	018SG00301	5530.0000	MG/KG	
Aluminum (Al)	018SB01301	5600.0000	MG/KG	
Aluminum (Al)	018SG00501	5600.0000	MG/KG	
Aluminum (Al)	018SG00701	5640.0000	MG/KG	

Table 1
Chemicals Preent in Site Samples
Metals

NAME	SAMPLE_ID	RESULT	CONC_UNITS	VQUAL
Aluminum (Al)	018SB01401	5650.0000	MG/KG	
Aluminum (Al)	018SB01703	5650.0000	MG/KG	
Aluminum (Al)	018SB02001	5650.0000	MG/KG	
Aluminum (Al)	018SG00404	5670.0000	MG/KG	
Aluminum (Al)	018SG01103	5670.0000	MG/KG	
Aluminum (Al)	018SB01404	5780.0000	MG/KG	
Aluminum (Al)	018SG00503	5790.0000	MG/KG	
Aluminum (Al)	018SG01003	5850.0000	MG/KG	
Aluminum (Al)	018SB00801	5870.0000	MG/KG	
Aluminum (Al)	018SB01701	5870.0000	MG/KG	
Aluminum (Al)	018SB01901	5920.0000	MG/KG	
Aluminum (Al)	018SG00603	5950.0000	MG/KG	
Aluminum (Al)	018SB00204	6090.0000	MG/KG	
Aluminum (Al)	018SB01202	6090.0000	MG/KG	
Aluminum (Al)	018SB01503	6160.0000	MG/KG	
Aluminum (Al)	018SB01102	6170.0000	MG/KG	
Aluminum (Al)	018SB00403	6240.0000	MG/KG	
Aluminum (Al)	018SG00201	6280.0000	MG/KG	
Aluminum (Al)	018SB00201	6290.0000	MG/KG	
Aluminum (Al)	018SB02102	6370.0000	MG/KG	
Aluminum (Al)	018SG01104	6400.0000	MG/KG	
Aluminum (Al)	018SG00901	6480.0000	MG/KG	
Aluminum (Al)	018SB02203	6500.0000	MG/KG	
Aluminum (Al)	018SB00604	6540.0000	MG/KG	
Aluminum (Al)	018SB01704	6570.0000	MG/KG	
Aluminum (Al)	018SG00803	6580.0000	MG/KG	
Aluminum (Al)	018SG00601	6710.0000	MG/KG	
Aluminum (Al)	018SG00103	6790.0000	MG/KG	
Aluminum (Al)	018SB00701	6800.0000	MG/KG	
Aluminum (Al)	018SG00502	6990.0000	MG/KG	
Aluminum (Al)	018SG00403	7020.0000	MG/KG	
Aluminum (Al)	018SG00401	7080.0000	MG/KG	
Aluminum (Al)	018SB01501	7120.0000	MG/KG	
Aluminum (Al)	018SB00103	7180.0000	MG/KG	
Aluminum (Al)	018SB00704	7270.0000	MG/KG	
Aluminum (Al)	018SG00504	7300.0000	MG/KG	
Aluminum (Al)	018SG00704	7360.0000	MG/KG	
Aluminum (Al)	018SB00601	7510.0000	MG/KG	
Aluminum (Al)	018SB01702	7510.0000	MG/KG	
Aluminum (Al)	018SB01103	7570.0000	MG/KG	
Aluminum (Al)	018SB01502	7600.0000	MG/KG	
Aluminum (Al)	018SG01202	7640.0000	MG/KG	
Aluminum (Al)	018SG00102	7770.0000	MG/KG	
Aluminum (Al)	018SB00306	7870.0000	MG/KG	
Aluminum (Al)	018SB01504	8160.0000	MG/KG	
Aluminum (Al)	018SB00502	8260.0000	MG/KG	
Aluminum (Al)	018SB01402	8340.0000	MG/KG	
Aluminum (Al)	018SB00402	8360.0000	MG/KG	

Table 1
Chemicals Preent in Site Samples
Metals

NAME	SAMPLE_ID	RESULT	CONC_UNITS	VQUAL
Aluminum (Al)	018SB00901	8410.0000	MG/KG	
Aluminum (Al)	018SB01803	8420.0000	MG/KG	
Aluminum (Al)	018SB01902	8450.0000	MG/KG	
Aluminum (Al)	018SG00302	8490.0000	MG/KG	
Aluminum (Al)	018SB01903	8560.0000	MG/KG	
Aluminum (Al)	018SG00203	8590.0000	MG/KG	
Aluminum (Al)	018SG01002	8600.0000	MG/KG	
Aluminum (Al)	018SB00303	8660.0000	MG/KG	
Aluminum (Al)	018SB00205	8720.0000	MG/KG	
Aluminum (Al)	018SG00801	8760.0000	MG/KG	
Aluminum (Al)	018SB01004	8890.0000	MG/KG	
Aluminum (Al)	018SB00702	8950.0000	MG/KG	
Aluminum (Al)	018SB00203	8980.0000	MG/KG	
Aluminum (Al)	018SB00202	8990.0000	MG/KG	
Aluminum (Al)	018SG01203	9020.0000	MG/KG	
Aluminum (Al)	018SG00702	9160.0000	MG/KG	
Aluminum (Al)	018SB00302	9270.0000	MG/KG	
Aluminum (Al)	018SG00202	9380.0000	MG/KG	
Aluminum (Al)	018SG00303	9400.0000	MG/KG	
Aluminum (Al)	018SB01304	9460.0000	MG/KG	
Aluminum (Al)	018SG00104	9580.0000	MG/KG	
Aluminum (Al)	018SB01403	9780.0000	MG/KG	
Aluminum (Al)	018SG00903	10400.0000	MG/KG	
Aluminum (Al)	018SB01302	10500.0000	MG/KG	
Aluminum (Al)	018SB02003	10600.0000	MG/KG	
Aluminum (Al)	018SG00902	10800.0000	MG/KG	
Aluminum (Al)	018SB02103	10900.0000	MG/KG	
Aluminum (Al)	018SG00402	10900.0000	MG/KG	
Aluminum (Al)	018SG00802	10900.0000	MG/KG	
Aluminum (Al)	018SB00401	11200.0000	MG/KG	
Aluminum (Al)	018SB00602	11400.0000	MG/KG	
Aluminum (Al)	018SB01203	12500.0000	MG/KG	
Aluminum (Al)	018SB00703	13900.0000	MG/KG	
Aluminum (Al)	018SB02104	15600.0000	MG/KG	
Aluminum (Al)	018SB02002	16400.0000	MG/KG	
Antimony (Sb)	018SB01701	0.4000	MG/KG	J
Antimony (Sb)	018SB01704	0.9200	MG/KG	J
Antimony (Sb)	018SG00401	0.9700	MG/KG	J
Antimony (Sb)	018SB00801	1.0000	MG/KG	J
Antimony (Sb)	018SB00701	1.3000	MG/KG	J
Antimony (Sb)	018SB00901	1.7000	MG/KG	J
Antimony (Sb)	018SG00301	2.0000	MG/KG	J
Arsenic (As)	018SB02202	0.9400	MG/KG	J
Arsenic (As)	018SG00603	1.3000	MG/KG	J
Arsenic (As)	018SG00604	1.4000	MG/KG	J
Arsenic (As)	018SB00505	1.5000	MG/KG	
Arsenic (As)	018SG00503	1.6000	MG/KG	J
Arsenic (As)	018SB02101	1.7000	MG/KG	J

Table 1
Chemicals Preent in Site Samples
Metals

NAME	SAMPLE_ID	RESULT	CONC_UNITS	VQUAL
Arsenic (As)	018SG01001	1.7000	MG/KG	
Arsenic (As)	018SB00305	1.8000	MG/KG	
Arsenic (As)	018SB00604	1.8000	MG/KG	
Arsenic (As)	018SB00102	1.9000	MG/KG	
Arsenic (As)	018SB01802	1.9000	MG/KG	
Arsenic (As)	018SG00904	2.0000	MG/KG	
Arsenic (As)	018SG00101	2.1000	MG/KG	
Arsenic (As)	018SG01101	2.1000	MG/KG	
Arsenic (As)	018SG01102	2.1000	MG/KG	
Arsenic (As)	018SB00101	2.2000	MG/KG	
Arsenic (As)	018SB01104	2.2000	MG/KG	
Arsenic (As)	018SB02204	2.2000	MG/KG	J
Arsenic (As)	018SG00803	2.2000	MG/KG	
Arsenic (As)	018SB00802	2.3000	MG/KG	
Arsenic (As)	018SB01902	2.3000	MG/KG	
Arsenic (As)	018SB01001	2.4000	MG/KG	
Arsenic (As)	018SB01404	2.4000	MG/KG	
Arsenic (As)	018SB01801	2.4000	MG/KG	
Arsenic (As)	018SB02201	2.4000	MG/KG	J
Arsenic (As)	018SG01004	2.4000	MG/KG	
Arsenic (As)	018SG01202	2.4000	MG/KG	
Arsenic (As)	018SB01601	2.5000	MG/KG	
Arsenic (As)	018SG00404	2.6000	MG/KG	
Arsenic (As)	018SG01204	2.6000	MG/KG	
Arsenic (As)	018SB01701	2.7000	MG/KG	
Arsenic (As)	018SG00704	2.7000	MG/KG	
Arsenic (As)	018SB00302	2.8000	MG/KG	
Arsenic (As)	018SB01204	2.8000	MG/KG	
Arsenic (As)	018SB01304	2.8000	MG/KG	
Arsenic (As)	018SG01201	2.8000	MG/KG	
Arsenic (As)	018SB01602	3.0000	MG/KG	
Arsenic (As)	018SB01702	3.0000	MG/KG	
Arsenic (As)	018SG00203	3.0000	MG/KG	
Arsenic (As)	018SG00602	3.0000	MG/KG	J
Arsenic (As)	018SG00901	3.0000	MG/KG	
Arsenic (As)	018SB00403	3.1000	MG/KG	
Arsenic (As)	018SB00701	3.1000	MG/KG	
Arsenic (As)	018SB01303	3.1000	MG/KG	
Arsenic (As)	018SG00801	3.1000	MG/KG	
Arsenic (As)	018SG01203	3.1000	MG/KG	
Arsenic (As)	018SB01301	3.2000	MG/KG	
Arsenic (As)	018SB00306	3.3000	MG/KG	J
Arsenic (As)	018SG00504	3.3000	MG/KG	J
Arsenic (As)	018SG00703	3.3000	MG/KG	
Arsenic (As)	018SB01101	3.4000	MG/KG	
Arsenic (As)	018SB01901	3.4000	MG/KG	
Arsenic (As)	018SB01904	3.4000	MG/KG	
Arsenic (As)	018SG00303	3.4000	MG/KG	

Table 1
Chemicals Preent in Site Samples
Metals

NAME	SAMPLE_ID	RESULT	CONC_UNITS	VQUAL
Arsenic (As)	018SG00802	3.4000	MG/KG	
Arsenic (As)	018SG01003	3.4000	MG/KG	
Arsenic (As)	018SB01003	3.5000	MG/KG	
Arsenic (As)	018SB00501	3.6000	MG/KG	
Arsenic (As)	018SB00601	3.6000	MG/KG	
Arsenic (As)	018SB01402	3.6000	MG/KG	
Arsenic (As)	018SB01501	3.6000	MG/KG	
Arsenic (As)	018SB01504	3.6000	MG/KG	
Arsenic (As)	018SB02104	3.6000	MG/KG	J
Arsenic (As)	018SG00301	3.6000	MG/KG	
Arsenic (As)	018SG00304	3.6000	MG/KG	
Arsenic (As)	018SB00804	3.7000	MG/KG	
Arsenic (As)	018SB01002	3.7000	MG/KG	
Arsenic (As)	018SB01202	3.7000	MG/KG	
Arsenic (As)	018SG00701	3.7000	MG/KG	
Arsenic (As)	018SB00301	3.8000	MG/KG	
Arsenic (As)	018SB00603	3.8000	MG/KG	
Arsenic (As)	018SB02102	3.8000	MG/KG	J
Arsenic (As)	018SB00202	3.9000	MG/KG	
Arsenic (As)	018SB01502	3.9000	MG/KG	
Arsenic (As)	018SB01804	3.9000	MG/KG	
Arsenic (As)	018SG00204	3.9000	MG/KG	
Arsenic (As)	018SB00503	4.0000	MG/KG	
Arsenic (As)	018SB01103	4.0000	MG/KG	
Arsenic (As)	018SG00302	4.0000	MG/KG	
Arsenic (As)	018SG00902	4.0000	MG/KG	
Arsenic (As)	018SG00102	4.1000	MG/KG	
Arsenic (As)	018SB00502	4.2000	MG/KG	
Arsenic (As)	018SB00704	4.2000	MG/KG	
Arsenic (As)	018SB00801	4.2000	MG/KG	
Arsenic (As)	018SB02003	4.2000	MG/KG	J
Arsenic (As)	018SB02203	4.2000	MG/KG	J
Arsenic (As)	018SG00401	4.4000	MG/KG	
Arsenic (As)	018SB02001	4.5000	MG/KG	J
Arsenic (As)	018SB00702	4.6000	MG/KG	
Arsenic (As)	018SB01704	4.6000	MG/KG	
Arsenic (As)	018SG00104	4.6000	MG/KG	
Arsenic (As)	018SG00501	4.6000	MG/KG	J
Arsenic (As)	018SB01201	4.7000	MG/KG	
Arsenic (As)	018SB01903	4.7000	MG/KG	
Arsenic (As)	018SB01102	4.8000	MG/KG	
Arsenic (As)	018SG01103	4.8000	MG/KG	
Arsenic (As)	018SB00602	4.9000	MG/KG	
Arsenic (As)	018SB01703	5.1000	MG/KG	
Arsenic (As)	018SB00205	5.2000	MG/KG	
Arsenic (As)	018SG00201	5.3000	MG/KG	
Arsenic (As)	018SG00702	5.3000	MG/KG	
Arsenic (As)	018SG01002	5.3000	MG/KG	

Table 1
Chemicals Preent in Site Samples
Metals

NAME	SAMPLE_ID	RESULT	CONC_UNITS	VQUAL
Arsenic (As)	018SG01104	5.3000	MG/KG	
Arsenic (As)	018SB01503	5.5000	MG/KG	
Arsenic (As)	018SG00402	5.6000	MG/KG	
Arsenic (As)	018SG00903	5.6000	MG/KG	
Arsenic (As)	018SB02103	5.9000	MG/KG	J
Arsenic (As)	018SG00502	6.0000	MG/KG	J
Arsenic (As)	018SG00601	6.0000	MG/KG	J
Arsenic (As)	018SB01203	6.1000	MG/KG	
Arsenic (As)	018SB00103	6.2000	MG/KG	
Arsenic (As)	018SB00901	6.5000	MG/KG	
Arsenic (As)	018SB00504	6.6000	MG/KG	
Arsenic (As)	018SB01004	6.6000	MG/KG	
Arsenic (As)	018SB01401	7.0000	MG/KG	J
Arsenic (As)	018SB00204	7.3000	MG/KG	
Arsenic (As)	018SB00303	7.5000	MG/KG	
Arsenic (As)	018SB00304	7.7000	MG/KG	
Arsenic (As)	018SB00803	7.8000	MG/KG	
Arsenic (As)	018SB01302	7.8000	MG/KG	
Arsenic (As)	018SB00402	8.1000	MG/KG	
Arsenic (As)	018SB00401	8.4000	MG/KG	
Arsenic (As)	018SG00103	8.7000	MG/KG	
Arsenic (As)	018SG00403	8.7000	MG/KG	
Arsenic (As)	018SB02002	9.3000	MG/KG	J
Arsenic (As)	018SB00203	10.0000	MG/KG	
Arsenic (As)	018SB00201	10.4000	MG/KG	
Arsenic (As)	018SG00202	11.4000	MG/KG	
Arsenic (As)	018SB00703	11.5000	MG/KG	
Arsenic (As)	018SB01803	11.7000	MG/KG	
Arsenic (As)	018SB01403	18.7000	MG/KG	
Barium (Ba)	018SG00904	9.9000	MG/KG	
Barium (Ba)	018SB01502	10.3000	MG/KG	
Barium (Ba)	018SB01503	10.4000	MG/KG	
Barium (Ba)	018SB00603	10.6000	MG/KG	
Barium (Ba)	018SG00702	10.9000	MG/KG	
Barium (Ba)	018SG01204	11.4000	MG/KG	
Barium (Ba)	018SB02202	11.7000	MG/KG	
Barium (Ba)	018SG01003	11.8000	MG/KG	
Barium (Ba)	018SG00703	12.0000	MG/KG	
Barium (Ba)	018SG01002	12.0000	MG/KG	
Barium (Ba)	018SB00802	12.2000	MG/KG	
Barium (Ba)	018SB01904	12.2000	MG/KG	
Barium (Ba)	018SB00803	12.9000	MG/KG	
Barium (Ba)	018SB02003	13.9000	MG/KG	
Barium (Ba)	018SG00502	14.0000	MG/KG	J
Barium (Ba)	018SB02001	14.1000	MG/KG	
Barium (Ba)	018SG01004	14.2000	MG/KG	
Barium (Ba)	018SB01404	14.4000	MG/KG	
Barium (Ba)	018SB01504	14.4000	MG/KG	

Table 1
Chemicals Preent in Site Samples
Metals

NAME	SAMPLE_ID	RESULT	CONC_UNITS	VQUAL
Barium (Ba)	018SG00404	14.4000	MG/KG	
Barium (Ba)	018SG01202	14.4000	MG/KG	
Barium (Ba)	018SG00803	14.5000	MG/KG	
Barium (Ba)	018SB01003	14.9000	MG/KG	
Barium (Ba)	018SG01103	15.0000	MG/KG	
Barium (Ba)	018SG01203	15.2000	MG/KG	
Barium (Ba)	018SG00403	15.5000	MG/KG	
Barium (Ba)	018SB00604	15.6000	MG/KG	
Barium (Ba)	018SB01303	16.0000	MG/KG	
Barium (Ba)	018SG00604	16.0000	MG/KG	J
Barium (Ba)	018SG00903	16.6000	MG/KG	
Barium (Ba)	018SG00402	17.0000	MG/KG	
Barium (Ba)	018SB00804	17.1000	MG/KG	
Barium (Ba)	018SB01204	17.3000	MG/KG	
Barium (Ba)	018SB01004	18.3000	MG/KG	
Barium (Ba)	018SB01104	18.6000	MG/KG	
Barium (Ba)	018SG00503	18.8000	MG/KG	J
Barium (Ba)	018SG00704	19.1000	MG/KG	
Barium (Ba)	018SB02203	19.2000	MG/KG	
Barium (Ba)	018SB00704	19.6000	MG/KG	
Barium (Ba)	018SG00304	19.8000	MG/KG	
Barium (Ba)	018SB02204	20.3000	MG/KG	
Barium (Ba)	018SB01403	20.6000	MG/KG	
Barium (Ba)	018SG00802	20.6000	MG/KG	
Barium (Ba)	018SB00702	21.9000	MG/KG	
Barium (Ba)	018SB01402	21.9000	MG/KG	
Barium (Ba)	018SG00203	21.9000	MG/KG	
Barium (Ba)	018SB01103	22.2000	MG/KG	
Barium (Ba)	018SG01104	22.3000	MG/KG	
Barium (Ba)	018SB01903	22.5000	MG/KG	
Barium (Ba)	018SG00902	23.9000	MG/KG	
Barium (Ba)	018SB01001	24.0000	MG/KG	
Barium (Ba)	018SG00303	24.7000	MG/KG	
Barium (Ba)	018SB01702	24.9000	MG/KG	
Barium (Ba)	018SG01102	24.9000	MG/KG	
Barium (Ba)	018SB00703	25.3000	MG/KG	
Barium (Ba)	018SB02101	25.4000	MG/KG	
Barium (Ba)	018SB01703	25.5000	MG/KG	
Barium (Ba)	018SB02104	26.2000	MG/KG	
Barium (Ba)	018SG01201	27.6000	MG/KG	
Barium (Ba)	018SB02201	29.0000	MG/KG	
Barium (Ba)	018SB02103	30.0000	MG/KG	
Barium (Ba)	018SB02002	30.1000	MG/KG	
Barium (Ba)	018SB01902	30.3000	MG/KG	
Barium (Ba)	018SG01101	31.5000	MG/KG	
Barium (Ba)	018SB00601	31.8000	MG/KG	
Barium (Ba)	018SB01304	32.5000	MG/KG	
Barium (Ba)	018SB01801	32.8000	MG/KG	

Table 1
Chemicals Preent in Site Samples
Metals

NAME	SAMPLE_ID	RESULT	CONC_UNITS	VQUAL
Barium (Ba)	018SB01804	33.1000	MG/KG	
Barium (Ba)	018SB01202	33.7000	MG/KG	
Barium (Ba)	018SB01302	35.8000	MG/KG	
Barium (Ba)	018SG00102	36.3000	MG/KG	
Barium (Ba)	018SB01203	36.4000	MG/KG	
Barium (Ba)	018SG00302	37.3000	MG/KG	
Barium (Ba)	018SB00602	37.6000	MG/KG	
Barium (Ba)	018SG00104	38.4000	MG/KG	
Barium (Ba)	018SB01802	39.0000	MG/KG	
Barium (Ba)	018SB01002	43.7000	MG/KG	
Barium (Ba)	018SB01803	50.0000	MG/KG	
Barium (Ba)	018SB00306	50.4000	MG/KG	J
Barium (Ba)	018SG00603	50.5000	MG/KG	J
Barium (Ba)	018SG00101	51.5000	MG/KG	
Barium (Ba)	018SB00701	59.0000	MG/KG	
Barium (Ba)	018SG00103	59.8000	MG/KG	
Barium (Ba)	018SG00204	62.7000	MG/KG	
Barium (Ba)	018SG01001	63.0000	MG/KG	
Barium (Ba)	018SB01501	63.3000	MG/KG	
Barium (Ba)	018SG00701	64.4000	MG/KG	
Barium (Ba)	018SB02102	66.4000	MG/KG	
Barium (Ba)	018SB01102	75.0000	MG/KG	
Barium (Ba)	018SB00102	89.2000	MG/KG	
Barium (Ba)	018SG00901	92.6000	MG/KG	
Barium (Ba)	018SG00801	94.4000	MG/KG	J
Barium (Ba)	018SB01601	96.0000	MG/KG	
Barium (Ba)	018SB01401	105.0000	MG/KG	
Barium (Ba)	018SB01602	114.0000	MG/KG	
Barium (Ba)	018SB01901	126.0000	MG/KG	
Barium (Ba)	018SG00504	132.0000	MG/KG	J
Barium (Ba)	018SB01701	141.0000	MG/KG	
Barium (Ba)	018SB00205	154.0000	MG/KG	
Barium (Ba)	018SG00602	164.0000	MG/KG	J
Barium (Ba)	018SB01301	173.0000	MG/KG	
Barium (Ba)	018SB01101	184.0000	MG/KG	
Barium (Ba)	018SG00301	204.0000	MG/KG	
Barium (Ba)	018SB01201	208.0000	MG/KG	
Barium (Ba)	018SG00201	209.0000	MG/KG	
Barium (Ba)	018SG00501	220.0000	MG/KG	J
Barium (Ba)	018SG00401	242.0000	MG/KG	
Barium (Ba)	018SB01704	267.0000	MG/KG	
Barium (Ba)	018SB00303	318.0000	MG/KG	
Barium (Ba)	018SB00101	331.0000	MG/KG	
Barium (Ba)	018SG00601	355.0000	MG/KG	J
Barium (Ba)	018SB00901	382.0000	MG/KG	
Barium (Ba)	018SB00801	393.0000	MG/KG	
Barium (Ba)	018SG00202	2810.0000	MG/KG	
Beryllium (Be)	018SB02202	0.0800	MG/KG	J

Table 1
Chemicals Preent in Site Samples
Metals

NAME	SAMPLE_ID	RESULT	CONC_UNITS	VQUAL
Beryllium (Be)	018SG00603	0.1200	MG/KG	J
Beryllium (Be)	018SB01102	0.1300	MG/KG	J
Beryllium (Be)	018SG00604	0.1300	MG/KG	J
Beryllium (Be)	018SG00904	0.1300	MG/KG	J
Beryllium (Be)	018SG01004	0.1300	MG/KG	J
Beryllium (Be)	018SG01204	0.1300	MG/KG	J
Beryllium (Be)	018SB01104	0.1400	MG/KG	J
Beryllium (Be)	018SG00503	0.1400	MG/KG	J
Beryllium (Be)	018SB01202	0.1500	MG/KG	J
Beryllium (Be)	018SG00702	0.1500	MG/KG	J
Beryllium (Be)	018SG01003	0.1500	MG/KG	J
Beryllium (Be)	018SG01202	0.1500	MG/KG	J
Beryllium (Be)	018SG00304	0.1600	MG/KG	J
Beryllium (Be)	018SG00703	0.1600	MG/KG	J
Beryllium (Be)	018SG01203	0.1600	MG/KG	J
Beryllium (Be)	018SG00402	0.1700	MG/KG	J
Beryllium (Be)	018SG00404	0.1700	MG/KG	J
Beryllium (Be)	018SG00803	0.1700	MG/KG	J
Beryllium (Be)	018SB01103	0.1800	MG/KG	J
Beryllium (Be)	018SB01404	0.1800	MG/KG	J
Beryllium (Be)	018SB02003	0.1800	MG/KG	J
Beryllium (Be)	018SB01303	0.1900	MG/KG	J
Beryllium (Be)	018SG00204	0.1900	MG/KG	J
Beryllium (Be)	018SG00303	0.1900	MG/KG	J
Beryllium (Be)	018SG00602	0.1900	MG/KG	J
Beryllium (Be)	018SG00802	0.1900	MG/KG	J
Beryllium (Be)	018SB01904	0.2000	MG/KG	J
Beryllium (Be)	018SG00203	0.2000	MG/KG	J
Beryllium (Be)	018SB01204	0.2100	MG/KG	J
Beryllium (Be)	018SB01903	0.2100	MG/KG	J
Beryllium (Be)	018SB02203	0.2100	MG/KG	J
Beryllium (Be)	018SB02204	0.2100	MG/KG	J
Beryllium (Be)	018SG00302	0.2100	MG/KG	J
Beryllium (Be)	018SG00704	0.2100	MG/KG	
Beryllium (Be)	018SB01301	0.2200	MG/KG	
Beryllium (Be)	018SB02201	0.2200	MG/KG	
Beryllium (Be)	018SG00401	0.2200	MG/KG	
Beryllium (Be)	018SG00701	0.2200	MG/KG	
Beryllium (Be)	018SG01103	0.2200	MG/KG	
Beryllium (Be)	018SB02001	0.2300	MG/KG	J
Beryllium (Be)	018SG00101	0.2300	MG/KG	
Beryllium (Be)	018SG00202	0.2300	MG/KG	
Beryllium (Be)	018SG00502	0.2300	MG/KG	
Beryllium (Be)	018SG00903	0.2300	MG/KG	
Beryllium (Be)	018SG01101	0.2300	MG/KG	
Beryllium (Be)	018SB01304	0.2400	MG/KG	
Beryllium (Be)	018SB02103	0.2400	MG/KG	J
Beryllium (Be)	018SG00601	0.2400	MG/KG	

Table 1
Chemicals Preent in Site Samples
Metals

NAME	SAMPLE_ID	RESULT	CONC_UNITS	VQUAL
Beryllium (Be)	018SG01201	0.2400	MG/KG	
Beryllium (Be)	018SB01402	0.2600	MG/KG	
Beryllium (Be)	018SG00902	0.2600	MG/KG	
Beryllium (Be)	018SG01001	0.2600	MG/KG	
Beryllium (Be)	018SG01002	0.2600	MG/KG	
Beryllium (Be)	018SG01104	0.2600	MG/KG	
Beryllium (Be)	018SB01203	0.2700	MG/KG	
Beryllium (Be)	018SG00801	0.2700	MG/KG	
Beryllium (Be)	018SB01101	0.2800	MG/KG	
Beryllium (Be)	018SG00301	0.2800	MG/KG	
Beryllium (Be)	018SG00403	0.2800	MG/KG	
Beryllium (Be)	018SG00501	0.2800	MG/KG	
Beryllium (Be)	018SG01102	0.2800	MG/KG	
Beryllium (Be)	018SB00603	0.3100	MG/KG	
Beryllium (Be)	018SB00604	0.3100	MG/KG	
Beryllium (Be)	018SB01601	0.3100	MG/KG	
Beryllium (Be)	018SB01201	0.3200	MG/KG	J
Beryllium (Be)	018SB01804	0.3200	MG/KG	
Beryllium (Be)	018SB01902	0.3200	MG/KG	
Beryllium (Be)	018SG00201	0.3200	MG/KG	
Beryllium (Be)	018SB01302	0.3300	MG/KG	
Beryllium (Be)	018SB02104	0.3300	MG/KG	
Beryllium (Be)	018SB01602	0.3400	MG/KG	
Beryllium (Be)	018SB01801	0.3500	MG/KG	
Beryllium (Be)	018SB01901	0.3600	MG/KG	
Beryllium (Be)	018SG00102	0.3700	MG/KG	
Beryllium (Be)	018SB01403	0.3900	MG/KG	
Beryllium (Be)	018SB02002	0.4100	MG/KG	
Beryllium (Be)	018SB00602	0.4300	MG/KG	
Beryllium (Be)	018SB00205	0.4400	MG/KG	
Beryllium (Be)	018SG00901	0.4400	MG/KG	
Beryllium (Be)	018SB02101	0.4700	MG/KG	
Beryllium (Be)	018SB00601	0.5000	MG/KG	
Beryllium (Be)	018SG00504	0.5000	MG/KG	
Beryllium (Be)	018SB00302	0.5700	MG/KG	
Beryllium (Be)	018SB00306	0.6000	MG/KG	
Beryllium (Be)	018SG00104	0.6200	MG/KG	
Beryllium (Be)	018SB01401	0.6300	MG/KG	
Beryllium (Be)	018SG00103	0.6300	MG/KG	
Beryllium (Be)	018SB00701	0.7300	MG/KG	
Beryllium (Be)	018SB01802	0.7500	MG/KG	
Beryllium (Be)	018SB00303	0.8200	MG/KG	
Beryllium (Be)	018SB02102	1.1000	MG/KG	
Beryllium (Be)	018SB01803	1.5000	MG/KG	
Cadmium (Cd)	018SB00202	0.0500	MG/KG	J
Cadmium (Cd)	018SB01103	0.0500	MG/KG	J
Cadmium (Cd)	018SB01903	0.0500	MG/KG	J
Cadmium (Cd)	018SG00104	0.0500	MG/KG	J

Table 1
Chemicals Preent in Site Samples
Metals

NAME	SAMPLE_ID	RESULT	CONC_UNITS	VQUAL
Cadmium (Cd)	018SG00703	0.0500	MG/KG	J
Cadmium (Cd)	018SG00704	0.0500	MG/KG	J
Cadmium (Cd)	018SB00203	0.0600	MG/KG	J
Cadmium (Cd)	018SB01102	0.0600	MG/KG	J
Cadmium (Cd)	018SB01203	0.0600	MG/KG	J
Cadmium (Cd)	018SB01403	0.0600	MG/KG	J
Cadmium (Cd)	018SG00504	0.0600	MG/KG	J
Cadmium (Cd)	018SG00604	0.0600	MG/KG	J
Cadmium (Cd)	018SG01004	0.0600	MG/KG	J
Cadmium (Cd)	018SG01102	0.0600	MG/KG	J
Cadmium (Cd)	018SG01103	0.0600	MG/KG	J
Cadmium (Cd)	018SG01203	0.0600	MG/KG	J
Cadmium (Cd)	018SB01202	0.0700	MG/KG	J
Cadmium (Cd)	018SB01402	0.0700	MG/KG	J
Cadmium (Cd)	018SG00204	0.0700	MG/KG	J
Cadmium (Cd)	018SG00304	0.0700	MG/KG	J
Cadmium (Cd)	018SG00503	0.0700	MG/KG	J
Cadmium (Cd)	018SG00702	0.0700	MG/KG	J
Cadmium (Cd)	018SG01003	0.0700	MG/KG	J
Cadmium (Cd)	018SB00604	0.0800	MG/KG	J
Cadmium (Cd)	018SG00404	0.0800	MG/KG	J
Cadmium (Cd)	018SG00603	0.0800	MG/KG	J
Cadmium (Cd)	018SB01502	0.0900	MG/KG	J
Cadmium (Cd)	018SG00802	0.0900	MG/KG	J
Cadmium (Cd)	018SG00803	0.0900	MG/KG	J
Cadmium (Cd)	018SG00903	0.0900	MG/KG	J
Cadmium (Cd)	018SG01202	0.0900	MG/KG	J
Cadmium (Cd)	018SB00602	0.1000	MG/KG	J
Cadmium (Cd)	018SG00203	0.1000	MG/KG	J
Cadmium (Cd)	018SG01002	0.1000	MG/KG	J
Cadmium (Cd)	018SB00301	0.1100	MG/KG	J
Cadmium (Cd)	018SB00601	0.1100	MG/KG	J
Cadmium (Cd)	018SG00902	0.1100	MG/KG	J
Cadmium (Cd)	018SB01902	0.1200	MG/KG	J
Cadmium (Cd)	018SG00103	0.1200	MG/KG	J
Cadmium (Cd)	018SB00504	0.1300	MG/KG	J
Cadmium (Cd)	018SG00102	0.1300	MG/KG	J
Cadmium (Cd)	018SB01302	0.1500	MG/KG	J
Cadmium (Cd)	018SG00303	0.1800	MG/KG	J
Cadmium (Cd)	018SG00402	0.1800	MG/KG	J
Cadmium (Cd)	018SG00602	0.1900	MG/KG	J
Cadmium (Cd)	018SB00306	0.2000	MG/KG	J
Cadmium (Cd)	018SB00101	0.2100	MG/KG	J
Cadmium (Cd)	018SG00403	0.2200	MG/KG	J
Cadmium (Cd)	018SG00502	0.2200	MG/KG	J
Cadmium (Cd)	018SG00202	0.2300	MG/KG	J
Cadmium (Cd)	018SG00101	0.2800	MG/KG	J
Cadmium (Cd)	018SB01801	0.3500	MG/KG	J

Table 1
Chemicals Preent in Site Samples
Metals

NAME	SAMPLE_ID	RESULT	CONC_UNITS	VQUAL
Cadmium (Cd)	018SB00501	0.3700	MG/KG	J
Cadmium (Cd)	018SB00204	0.3800	MG/KG	J
Cadmium (Cd)	018SB01301	0.3800	MG/KG	J
Cadmium (Cd)	018SG00302	0.3800	MG/KG	J
Cadmium (Cd)	018SG01201	0.4400	MG/KG	J
Cadmium (Cd)	018SG00501	0.4500	MG/KG	J
Cadmium (Cd)	018SG01101	0.4500	MG/KG	J
Cadmium (Cd)	018SG00601	0.4800	MG/KG	J
Cadmium (Cd)	018SG00701	0.5000	MG/KG	J
Cadmium (Cd)	018SG01001	0.5500	MG/KG	
Cadmium (Cd)	018SG00801	0.5600	MG/KG	
Cadmium (Cd)	018SB01101	0.5800	MG/KG	
Cadmium (Cd)	018SB01602	0.5800	MG/KG	
Cadmium (Cd)	018SB00205	0.6100	MG/KG	
Cadmium (Cd)	018SB01601	0.6500	MG/KG	
Cadmium (Cd)	018SB01201	0.6600	MG/KG	
Cadmium (Cd)	018SB00201	0.7000	MG/KG	
Cadmium (Cd)	018SB01401	0.8000	MG/KG	
Cadmium (Cd)	018SB01701	0.8800	MG/KG	J
Cadmium (Cd)	018SB00102	0.8900	MG/KG	
Cadmium (Cd)	018SB01501	0.9800	MG/KG	
Cadmium (Cd)	018SG00201	1.4000	MG/KG	
Cadmium (Cd)	018SG00901	1.4000	MG/KG	
Cadmium (Cd)	018SB01901	1.8000	MG/KG	
Cadmium (Cd)	018SG00401	6.4000	MG/KG	J
Cadmium (Cd)	018SG00301	8.0000	MG/KG	J
Calcium (Ca)	018SB00603	89.5000	MG/KG	J
Calcium (Ca)	018SB00604	109.0000	MG/KG	J
Calcium (Ca)	018SB00602	114.0000	MG/KG	J
Calcium (Ca)	018SG00904	132.0000	MG/KG	
Calcium (Ca)	018SG01003	137.0000	MG/KG	
Calcium (Ca)	018SG00903	171.0000	MG/KG	
Calcium (Ca)	018SB00802	179.0000	MG/KG	
Calcium (Ca)	018SG01004	179.0000	MG/KG	
Calcium (Ca)	018SB01503	187.0000	MG/KG	
Calcium (Ca)	018SG00502	197.0000	MG/KG	
Calcium (Ca)	018SG01204	201.0000	MG/KG	
Calcium (Ca)	018SB01403	245.0000	MG/KG	
Calcium (Ca)	018SB01001	248.0000	MG/KG	
Calcium (Ca)	018SB01003	255.0000	MG/KG	
Calcium (Ca)	018SG01002	262.0000	MG/KG	
Calcium (Ca)	018SB01502	266.0000	MG/KG	
Calcium (Ca)	018SB01002	267.0000	MG/KG	
Calcium (Ca)	018SB01404	292.0000	MG/KG	
Calcium (Ca)	018SG00603	296.0000	MG/KG	
Calcium (Ca)	018SB00803	307.0000	MG/KG	
Calcium (Ca)	018SG00503	311.0000	MG/KG	
Calcium (Ca)	018SB01504	314.0000	MG/KG	

Table 1
Chemicals Preent in Site Samples
Metals

NAME	SAMPLE_ID	RESULT	CONC_UNITS	VQUAL
Calcium (Ca)	018SG01203	314.0000	MG/KG	
Calcium (Ca)	018SG00602	317.0000	MG/KG	
Calcium (Ca)	018SB02001	324.0000	MG/KG	
Calcium (Ca)	018SB00601	330.0000	MG/KG	J
Calcium (Ca)	018SB02101	338.0000	MG/KG	
Calcium (Ca)	018SB01401	361.0000	MG/KG	
Calcium (Ca)	018SB02102	362.0000	MG/KG	
Calcium (Ca)	018SB02201	382.0000	MG/KG	
Calcium (Ca)	018SG01001	386.0000	MG/KG	
Calcium (Ca)	018SB01101	387.0000	MG/KG	
Calcium (Ca)	018SB01602	387.0000	MG/KG	
Calcium (Ca)	018SB00704	399.0000	MG/KG	
Calcium (Ca)	018SG01101	403.0000	MG/KG	J
Calcium (Ca)	018SG00601	420.0000	MG/KG	
Calcium (Ca)	018SG00604	420.0000	MG/KG	
Calcium (Ca)	018SG00902	420.0000	MG/KG	
Calcium (Ca)	018SB00703	421.0000	MG/KG	
Calcium (Ca)	018SB01601	421.0000	MG/KG	
Calcium (Ca)	018SB01303	425.0000	MG/KG	
Calcium (Ca)	018SB01801	431.0000	MG/KG	
Calcium (Ca)	018SB02003	431.0000	MG/KG	
Calcium (Ca)	018SB00702	437.0000	MG/KG	
Calcium (Ca)	018SG01104	440.0000	MG/KG	J
Calcium (Ca)	018SB01402	442.0000	MG/KG	
Calcium (Ca)	018SB00701	446.0000	MG/KG	
Calcium (Ca)	018SB01904	453.0000	MG/KG	
Calcium (Ca)	018SB01901	460.0000	MG/KG	
Calcium (Ca)	018SG00501	464.0000	MG/KG	
Calcium (Ca)	018SB01201	465.0000	MG/KG	
Calcium (Ca)	018SG00803	469.0000	MG/KG	
Calcium (Ca)	018SG00304	476.0000	MG/KG	J
Calcium (Ca)	018SG01202	483.0000	MG/KG	
Calcium (Ca)	018SB02203	484.0000	MG/KG	
Calcium (Ca)	018SG00301	484.0000	MG/KG	J
Calcium (Ca)	018SG00901	505.0000	MG/KG	
Calcium (Ca)	018SB02002	506.0000	MG/KG	
Calcium (Ca)	018SG00802	521.0000	MG/KG	
Calcium (Ca)	018SB01004	526.0000	MG/KG	
Calcium (Ca)	018SG00701	555.0000	MG/KG	
Calcium (Ca)	018SG01102	573.0000	MG/KG	J
Calcium (Ca)	018SB01701	575.0000	MG/KG	
Calcium (Ca)	018SG00201	596.0000	MG/KG	
Calcium (Ca)	018SB01802	600.0000	MG/KG	
Calcium (Ca)	018SG00404	617.0000	MG/KG	J
Calcium (Ca)	018SB00804	632.0000	MG/KG	
Calcium (Ca)	018SG00401	643.0000	MG/KG	J
Calcium (Ca)	018SB00801	653.0000	MG/KG	
Calcium (Ca)	018SG00403	656.0000	MG/KG	J

Table 1
Chemicals Preent in Site Samples
Metals

NAME	SAMPLE_ID	RESULT	CONC_UNITS	VQUAL
Calcium (Ca)	018SB02204	671.0000	MG/KG	
Calcium (Ca)	018SB01804	674.0000	MG/KG	
Calcium (Ca)	018SB01903	681.0000	MG/KG	
Calcium (Ca)	018SB01902	688.0000	MG/KG	
Calcium (Ca)	018SB02104	718.0000	MG/KG	
Calcium (Ca)	018SB01704	721.0000	MG/KG	
Calcium (Ca)	018SG00703	741.0000	MG/KG	
Calcium (Ca)	018SG00303	784.0000	MG/KG	J
Calcium (Ca)	018SB00401	790.0000	MG/KG	
Calcium (Ca)	018SB01302	799.0000	MG/KG	
Calcium (Ca)	018SB01501	809.0000	MG/KG	
Calcium (Ca)	018SB00302	810.0000	MG/KG	
Calcium (Ca)	018SG00504	816.0000	MG/KG	
Calcium (Ca)	018SG00202	822.0000	MG/KG	
Calcium (Ca)	018SB01304	823.0000	MG/KG	
Calcium (Ca)	018SB01204	825.0000	MG/KG	
Calcium (Ca)	018SG01103	830.0000	MG/KG	J
Calcium (Ca)	018SG00702	835.0000	MG/KG	
Calcium (Ca)	018SG00402	895.0000	MG/KG	J
Calcium (Ca)	018SB01702	897.0000	MG/KG	
Calcium (Ca)	018SB00304	906.0000	MG/KG	
Calcium (Ca)	018SB00306	912.0000	MG/KG	
Calcium (Ca)	018SB01202	915.0000	MG/KG	
Calcium (Ca)	018SG00302	988.0000	MG/KG	J
Calcium (Ca)	018SG00104	995.0000	MG/KG	
Calcium (Ca)	018SB02103	1010.0000	MG/KG	
Calcium (Ca)	018SB00503	1020.0000	MG/KG	
Calcium (Ca)	018SG00103	1080.0000	MG/KG	
Calcium (Ca)	018SB01102	1090.0000	MG/KG	
Calcium (Ca)	018SB01703	1110.0000	MG/KG	
Calcium (Ca)	018SB01104	1170.0000	MG/KG	
Calcium (Ca)	018SG00704	1210.0000	MG/KG	
Calcium (Ca)	018SB00502	1240.0000	MG/KG	
Calcium (Ca)	018SB00303	1290.0000	MG/KG	
Calcium (Ca)	018SB01803	1290.0000	MG/KG	
Calcium (Ca)	018SB00305	1300.0000	MG/KG	
Calcium (Ca)	018SG01201	1320.0000	MG/KG	J
Calcium (Ca)	018SB01103	1410.0000	MG/KG	
Calcium (Ca)	018SG00204	1460.0000	MG/KG	
Calcium (Ca)	018SG00801	1530.0000	MG/KG	
Calcium (Ca)	018SB00504	1660.0000	MG/KG	
Calcium (Ca)	018SB00505	1710.0000	MG/KG	
Calcium (Ca)	018SB01301	1770.0000	MG/KG	
Calcium (Ca)	018SG00203	1850.0000	MG/KG	
Calcium (Ca)	018SB01203	1970.0000	MG/KG	
Calcium (Ca)	018SB00901	1980.0000	MG/KG	
Calcium (Ca)	018SG00102	3430.0000	MG/KG	
Calcium (Ca)	018SG00101	28800.0000	MG/KG	

Table 1
Chemicals Preent in Site Samples
Metals

NAME	SAMPLE_ID	RESULT	CONC_UNITS	VQUAL
Chromium (Cr)	018SB02202	2.7000	MG/KG	
Chromium (Cr)	018SB02101	3.5000	MG/KG	
Chromium (Cr)	018SB00102	3.6000	MG/KG	
Chromium (Cr)	018SB01804	3.6000	MG/KG	
Chromium (Cr)	018SG00304	4.1000	MG/KG	
Chromium (Cr)	018SB02204	4.2000	MG/KG	
Chromium (Cr)	018SB00505	4.3000	MG/KG	
Chromium (Cr)	018SB00304	4.5000	MG/KG	
Chromium (Cr)	018SG00101	4.5000	MG/KG	J
Chromium (Cr)	018SB01104	4.6000	MG/KG	
Chromium (Cr)	018SB00101	4.7000	MG/KG	
Chromium (Cr)	018SB01801	4.7000	MG/KG	
Chromium (Cr)	018SB02102	4.8000	MG/KG	
Chromium (Cr)	018SG00904	4.8000	MG/KG	
Chromium (Cr)	018SB01602	5.0000	MG/KG	
Chromium (Cr)	018SG01204	5.0000	MG/KG	
Chromium (Cr)	018SB00803	5.2000	MG/KG	
Chromium (Cr)	018SB00804	5.2000	MG/KG	
Chromium (Cr)	018SB00603	5.5000	MG/KG	
Chromium (Cr)	018SB01404	5.5000	MG/KG	
Chromium (Cr)	018SB01802	5.5000	MG/KG	
Chromium (Cr)	018SG00604	5.5000	MG/KG	
Chromium (Cr)	018SG01001	5.6000	MG/KG	
Chromium (Cr)	018SB01601	5.8000	MG/KG	
Chromium (Cr)	018SB02201	5.9000	MG/KG	
Chromium (Cr)	018SB00604	6.0000	MG/KG	
Chromium (Cr)	018SB01204	6.0000	MG/KG	
Chromium (Cr)	018SB01904	6.1000	MG/KG	
Chromium (Cr)	018SB01303	6.2000	MG/KG	
Chromium (Cr)	018SB00503	6.3000	MG/KG	
Chromium (Cr)	018SG00602	6.3000	MG/KG	
Chromium (Cr)	018SG01101	6.3000	MG/KG	
Chromium (Cr)	018SB00305	6.4000	MG/KG	
Chromium (Cr)	018SG01004	6.4000	MG/KG	
Chromium (Cr)	018SG00204	6.5000	MG/KG	J
Chromium (Cr)	018SG00603	6.5000	MG/KG	
Chromium (Cr)	018SB00802	6.6000	MG/KG	
Chromium (Cr)	018SB01101	6.7000	MG/KG	
Chromium (Cr)	018SG00503	6.7000	MG/KG	
Chromium (Cr)	018SG00404	6.8000	MG/KG	
Chromium (Cr)	018SG01102	7.1000	MG/KG	
Chromium (Cr)	018SB00504	7.2000	MG/KG	
Chromium (Cr)	018SB01002	7.2000	MG/KG	
Chromium (Cr)	018SB01001	7.3000	MG/KG	
Chromium (Cr)	018SB01703	7.7000	MG/KG	
Chromium (Cr)	018SB01003	7.8000	MG/KG	
Chromium (Cr)	018SG00301	7.8000	MG/KG	
Chromium (Cr)	018SB00501	7.9000	MG/KG	

Table 1
Chemicals Preent in Site Samples
Metals

NAME	SAMPLE_ID	RESULT	CONC_UNITS	VQUAL
Chromium (Cr)	018SG00703	7.9000	MG/KG	J
Chromium (Cr)	018SB01701	8.0000	MG/KG	
Chromium (Cr)	018SG01201	8.1000	MG/KG	
Chromium (Cr)	018SB01503	8.2000	MG/KG	
Chromium (Cr)	018SG00901	8.2000	MG/KG	
Chromium (Cr)	018SB02001	8.3000	MG/KG	
Chromium (Cr)	018SB01401	8.4000	MG/KG	
Chromium (Cr)	018SB00403	8.6000	MG/KG	
Chromium (Cr)	018SB01201	8.6000	MG/KG	
Chromium (Cr)	018SB01301	8.6000	MG/KG	
Chromium (Cr)	018SB01901	8.6000	MG/KG	
Chromium (Cr)	018SB01202	8.8000	MG/KG	
Chromium (Cr)	018SG01003	8.8000	MG/KG	
Chromium (Cr)	018SB00204	8.9000	MG/KG	
Chromium (Cr)	018SG00701	9.0000	MG/KG	J
Chromium (Cr)	018SB02203	9.2000	MG/KG	
Chromium (Cr)	018SG00601	9.6000	MG/KG	
Chromium (Cr)	018SG00704	9.6000	MG/KG	J
Chromium (Cr)	018SB00704	9.7000	MG/KG	
Chromium (Cr)	018SB01702	9.7000	MG/KG	
Chromium (Cr)	018SG01103	9.7000	MG/KG	
Chromium (Cr)	018SG01104	9.7000	MG/KG	
Chromium (Cr)	018SG00504	9.8000	MG/KG	
Chromium (Cr)	018SB00801	9.9000	MG/KG	
Chromium (Cr)	018SG00803	10.0000	MG/KG	
Chromium (Cr)	018SG01202	10.0000	MG/KG	
Chromium (Cr)	018SB01502	10.1000	MG/KG	
Chromium (Cr)	018SG00104	10.2000	MG/KG	J
Chromium (Cr)	018SB00301	10.5000	MG/KG	
Chromium (Cr)	018SB01504	10.6000	MG/KG	
Chromium (Cr)	018SB00306	10.8000	MG/KG	
Chromium (Cr)	018SG00103	10.8000	MG/KG	J
Chromium (Cr)	018SG00201	10.8000	MG/KG	J
Chromium (Cr)	018SG00202	10.9000	MG/KG	J
Chromium (Cr)	018SB00502	11.0000	MG/KG	
Chromium (Cr)	018SB00701	11.2000	MG/KG	
Chromium (Cr)	018SB01304	11.2000	MG/KG	
Chromium (Cr)	018SB01902	11.2000	MG/KG	
Chromium (Cr)	018SG00303	11.2000	MG/KG	
Chromium (Cr)	018SB00205	11.3000	MG/KG	
Chromium (Cr)	018SG00401	11.3000	MG/KG	
Chromium (Cr)	018SG00403	11.3000	MG/KG	
Chromium (Cr)	018SG00501	11.4000	MG/KG	
Chromium (Cr)	018SG00502	11.4000	MG/KG	
Chromium (Cr)	018SB01004	11.8000	MG/KG	
Chromium (Cr)	018SB00103	11.9000	MG/KG	
Chromium (Cr)	018SB00302	11.9000	MG/KG	
Chromium (Cr)	018SB01102	11.9000	MG/KG	

Table 1
Chemicals Preent in Site Samples
Metals

NAME	SAMPLE_ID	RESULT	CONC_UNITS	VQUAL
Chromium (Cr)	018SB01402	12.1000	MG/KG	
Chromium (Cr)	018SB01803	12.1000	MG/KG	
Chromium (Cr)	018SG00801	12.1000	MG/KG	
Chromium (Cr)	018SB00601	12.3000	MG/KG	
Chromium (Cr)	018SG00302	12.5000	MG/KG	
Chromium (Cr)	018SB01103	12.6000	MG/KG	
Chromium (Cr)	018SB01903	12.7000	MG/KG	
Chromium (Cr)	018SB00303	12.8000	MG/KG	
Chromium (Cr)	018SG00203	12.8000	MG/KG	J
Chromium (Cr)	018SG01203	13.0000	MG/KG	
Chromium (Cr)	018SB01501	13.2000	MG/KG	
Chromium (Cr)	018SG00102	13.5000	MG/KG	J
Chromium (Cr)	018SB00901	13.8000	MG/KG	
Chromium (Cr)	018SG00702	14.0000	MG/KG	J
Chromium (Cr)	018SB02103	15.0000	MG/KG	
Chromium (Cr)	018SB00402	15.4000	MG/KG	
Chromium (Cr)	018SB00201	15.8000	MG/KG	
Chromium (Cr)	018SB00202	15.8000	MG/KG	
Chromium (Cr)	018SB00702	15.8000	MG/KG	
Chromium (Cr)	018SG01002	16.1000	MG/KG	
Chromium (Cr)	018SG00802	16.3000	MG/KG	
Chromium (Cr)	018SB01302	16.4000	MG/KG	
Chromium (Cr)	018SB02003	16.4000	MG/KG	
Chromium (Cr)	018SG00903	16.5000	MG/KG	
Chromium (Cr)	018SB01403	16.6000	MG/KG	
Chromium (Cr)	018SG00902	16.6000	MG/KG	
Chromium (Cr)	018SB00602	17.3000	MG/KG	
Chromium (Cr)	018SG00402	17.5000	MG/KG	
Chromium (Cr)	018SB01203	17.6000	MG/KG	
Chromium (Cr)	018SB00203	17.9000	MG/KG	
Chromium (Cr)	018SB01704	20.7000	MG/KG	
Chromium (Cr)	018SB02104	21.3000	MG/KG	
Chromium (Cr)	018SB00703	21.4000	MG/KG	
Chromium (Cr)	018SB00401	23.8000	MG/KG	
Chromium (Cr)	018SB02002	26.4000	MG/KG	
Cobalt (Co)	018SB02202	0.2100	MG/KG	J
Cobalt (Co)	018SB01204	0.2400	MG/KG	J
Cobalt (Co)	018SG00602	0.2900	MG/KG	J
Cobalt (Co)	018SB01303	0.3100	MG/KG	J
Cobalt (Co)	018SG00604	0.3100	MG/KG	J
Cobalt (Co)	018SG00304	0.3500	MG/KG	J
Cobalt (Co)	018SB01104	0.4000	MG/KG	J
Cobalt (Co)	018SB02101	0.4400	MG/KG	J
Cobalt (Co)	018SG00603	0.4400	MG/KG	J
Cobalt (Co)	018SB00603	0.4800	MG/KG	J
Cobalt (Co)	018SB01404	0.4900	MG/KG	J
Cobalt (Co)	018SB01804	0.5100	MG/KG	J
Cobalt (Co)	018SB01904	0.5200	MG/KG	J

Table 1
Chemicals Preent in Site Samples
Metals

NAME	SAMPLE_ID	RESULT	CONC_UNITS	VQUAL
Cobalt (Co)	018SG00404	0.5700	MG/KG	J
Cobalt (Co)	018SG00503	0.5700	MG/KG	J
Cobalt (Co)	018SB00102	0.5900	MG/KG	J
Cobalt (Co)	018SB01802	0.5900	MG/KG	J
Cobalt (Co)	018SB01102	0.6200	MG/KG	J
Cobalt (Co)	018SB02001	0.6300	MG/KG	J
Cobalt (Co)	018SG01101	0.6600	MG/KG	J
Cobalt (Co)	018SB00103	0.6800	MG/KG	J
Cobalt (Co)	018SG01104	0.6800	MG/KG	J
Cobalt (Co)	018SG01102	0.7400	MG/KG	J
Cobalt (Co)	018SB01301	0.7500	MG/KG	J
Cobalt (Co)	018SB02201	0.7500	MG/KG	J
Cobalt (Co)	018SB01801	0.7600	MG/KG	J
Cobalt (Co)	018SB01602	0.7700	MG/KG	J
Cobalt (Co)	018SB01601	0.7800	MG/KG	J
Cobalt (Co)	018SB00204	0.7900	MG/KG	J
Cobalt (Co)	018SB01202	0.7900	MG/KG	J
Cobalt (Co)	018SB00202	0.8000	MG/KG	J
Cobalt (Co)	018SB00403	0.8100	MG/KG	J
Cobalt (Co)	018SB02102	0.8100	MG/KG	J
Cobalt (Co)	018SB01101	0.8200	MG/KG	J
Cobalt (Co)	018SG00301	0.8500	MG/KG	J
Cobalt (Co)	018SG01103	0.8500	MG/KG	J
Cobalt (Co)	018SB00306	0.8600	MG/KG	J
Cobalt (Co)	018SB01701	0.8600	MG/KG	J
Cobalt (Co)	018SB01103	0.8800	MG/KG	J
Cobalt (Co)	018SB01304	0.8800	MG/KG	J
Cobalt (Co)	018SB00402	0.8900	MG/KG	J
Cobalt (Co)	018SB00602	0.8900	MG/KG	J
Cobalt (Co)	018SB00702	0.8900	MG/KG	J
Cobalt (Co)	018SB01402	0.8900	MG/KG	J
Cobalt (Co)	018SG00302	0.8900	MG/KG	J
Cobalt (Co)	018SB00301	0.9000	MG/KG	J
Cobalt (Co)	018SG00401	0.9000	MG/KG	J
Cobalt (Co)	018SB00302	0.9200	MG/KG	J
Cobalt (Co)	018SB01502	0.9300	MG/KG	J
Cobalt (Co)	018SB01702	0.9300	MG/KG	J
Cobalt (Co)	018SG00502	0.9300	MG/KG	J
Cobalt (Co)	018SB00101	0.9500	MG/KG	J
Cobalt (Co)	018SB00304	0.9500	MG/KG	J
Cobalt (Co)	018SB01902	0.9700	MG/KG	J
Cobalt (Co)	018SB00503	0.9800	MG/KG	J
Cobalt (Co)	018SB01504	0.9900	MG/KG	J
Cobalt (Co)	018SB00501	1.0000	MG/KG	J
Cobalt (Co)	018SB01201	1.0000	MG/KG	J
Cobalt (Co)	018SG00303	1.0000	MG/KG	J
Cobalt (Co)	018SG00403	1.0000	MG/KG	J
Cobalt (Co)	018SB00303	1.1000	MG/KG	J

Table 1
Chemicals Preent in Site Samples
Metals

NAME	SAMPLE_ID	RESULT	CONC_UNITS	VQUAL
Cobalt (Co)	018SB00604	1.1000	MG/KG	J
Cobalt (Co)	018SB00704	1.1000	MG/KG	J
Cobalt (Co)	018SB01401	1.1000	MG/KG	J
Cobalt (Co)	018SB01704	1.1000	MG/KG	J
Cobalt (Co)	018SB01901	1.1000	MG/KG	J
Cobalt (Co)	018SB01903	1.1000	MG/KG	J
Cobalt (Co)	018SB02103	1.1000	MG/KG	J
Cobalt (Co)	018SB02203	1.1000	MG/KG	J
Cobalt (Co)	018SG00504	1.1000	MG/KG	J
Cobalt (Co)	018SB00205	1.2000	MG/KG	J
Cobalt (Co)	018SB00401	1.2000	MG/KG	J
Cobalt (Co)	018SB00601	1.2000	MG/KG	J
Cobalt (Co)	018SG00402	1.2000	MG/KG	J
Cobalt (Co)	018SG00501	1.2000	MG/KG	J
Cobalt (Co)	018SG00903	1.2000	MG/KG	J
Cobalt (Co)	018SB00201	1.3000	MG/KG	J
Cobalt (Co)	018SB00305	1.3000	MG/KG	J
Cobalt (Co)	018SB00502	1.3000	MG/KG	J
Cobalt (Co)	018SB01302	1.3000	MG/KG	J
Cobalt (Co)	018SG00601	1.3000	MG/KG	J
Cobalt (Co)	018SB00203	1.4000	MG/KG	J
Cobalt (Co)	018SB01403	1.4000	MG/KG	J
Cobalt (Co)	018SB01803	1.4000	MG/KG	J
Cobalt (Co)	018SB02003	1.4000	MG/KG	J
Cobalt (Co)	018SG00102	1.4000	MG/KG	J
Cobalt (Co)	018SG00103	1.4000	MG/KG	J
Cobalt (Co)	018SG00202	1.4000	MG/KG	J
Cobalt (Co)	018SG00203	1.4000	MG/KG	J
Cobalt (Co)	018SG01002	1.4000	MG/KG	J
Cobalt (Co)	018SB00504	1.5000	MG/KG	J
Cobalt (Co)	018SB02204	1.5000	MG/KG	J
Cobalt (Co)	018SB00505	1.6000	MG/KG	J
Cobalt (Co)	018SB00703	1.6000	MG/KG	J
Cobalt (Co)	018SB01203	1.6000	MG/KG	J
Cobalt (Co)	018SB00901	1.7000	MG/KG	J
Cobalt (Co)	018SB02104	1.7000	MG/KG	J
Cobalt (Co)	018SB00701	1.8000	MG/KG	J
Cobalt (Co)	018SB02002	1.8000	MG/KG	J
Cobalt (Co)	018SB00801	2.4000	MG/KG	
Cobalt (Co)	018SG00104	3.7000	MG/KG	
Copper (Cu)	018SG00104	0.5000	MG/KG	J
Copper (Cu)	018SB01404	0.7000	MG/KG	J
Copper (Cu)	018SB01804	0.8000	MG/KG	J
Copper (Cu)	018SB01104	0.8400	MG/KG	J
Copper (Cu)	018SG00504	0.9200	MG/KG	J
Copper (Cu)	018SB01304	1.0000	MG/KG	J
Copper (Cu)	018SB01803	1.1000	MG/KG	J
Copper (Cu)	018SB01904	1.1000	MG/KG	J

Table 1
Chemicals Preent in Site Samples
Metals

NAME	SAMPLE_ID	RESULT	CONC_UNITS	VQUAL
Copper (Cu)	018SG00702	1.1000	MG/KG	J
Copper (Cu)	018SG00704	1.1000	MG/KG	J
Copper (Cu)	018SB01802	1.4000	MG/KG	J
Copper (Cu)	018SB01903	1.4000	MG/KG	J
Copper (Cu)	018SB00802	1.5000	MG/KG	J
Copper (Cu)	018SB01502	1.5000	MG/KG	J
Copper (Cu)	018SB01902	1.6000	MG/KG	J
Copper (Cu)	018SG00703	1.6000	MG/KG	J
Copper (Cu)	018SB00702	1.7000	MG/KG	J
Copper (Cu)	018SB00703	1.7000	MG/KG	J
Copper (Cu)	018SB00803	1.7000	MG/KG	J
Copper (Cu)	018SB01303	1.7000	MG/KG	J
Copper (Cu)	018SG00604	1.7000	MG/KG	J
Copper (Cu)	018SB01702	1.8000	MG/KG	J
Copper (Cu)	018SG00502	1.8000	MG/KG	J
Copper (Cu)	018SB01204	1.9000	MG/KG	J
Copper (Cu)	018SB01403	1.9000	MG/KG	J
Copper (Cu)	018SG00203	1.9000	MG/KG	J
Copper (Cu)	018SB01103	2.1000	MG/KG	J
Copper (Cu)	018SB01203	2.1000	MG/KG	J
Copper (Cu)	018SB00804	2.9000	MG/KG	
Copper (Cu)	018SB00306	3.0000	MG/KG	
Copper (Cu)	018SB01003	3.4000	MG/KG	
Copper (Cu)	018SG00503	3.5000	MG/KG	
Copper (Cu)	018SB01302	3.6000	MG/KG	
Copper (Cu)	018SB01402	3.6000	MG/KG	
Copper (Cu)	018SG00303	3.9000	MG/KG	
Copper (Cu)	018SG01201	4.0000	MG/KG	
Copper (Cu)	018SG00102	4.6000	MG/KG	J
Copper (Cu)	018SG00403	4.6000	MG/KG	
Copper (Cu)	018SG00103	5.0000	MG/KG	J
Copper (Cu)	018SB00401	5.2000	MG/KG	J
Copper (Cu)	018SB01202	5.4000	MG/KG	
Copper (Cu)	018SB00301	5.9000	MG/KG	J
Copper (Cu)	018SG00302	6.1000	MG/KG	
Copper (Cu)	018SB00103	6.4000	MG/KG	J
Copper (Cu)	018SB02201	6.5000	MG/KG	
Copper (Cu)	018SB01503	7.4000	MG/KG	
Copper (Cu)	018SG01002	7.4000	MG/KG	
Copper (Cu)	018SB01701	8.1000	MG/KG	
Copper (Cu)	018SG01101	8.3000	MG/KG	
Copper (Cu)	018SG00801	9.3000	MG/KG	
Copper (Cu)	018SB01102	9.5000	MG/KG	
Copper (Cu)	018SB01001	11.6000	MG/KG	
Copper (Cu)	018SG01004	11.6000	MG/KG	
Copper (Cu)	018SB01801	12.4000	MG/KG	
Copper (Cu)	018SG01003	13.2000	MG/KG	
Copper (Cu)	018SG00204	14.6000	MG/KG	J

Table 1
Chemicals Preent in Site Samples
Metals

NAME	SAMPLE_ID	RESULT	CONC_UNITS	VQUAL
Copper (Cu)	018SB01002	15.3000	MG/KG	
Copper (Cu)	018SG00101	18.0000	MG/KG	J
Copper (Cu)	018SB01401	20.5000	MG/KG	
Copper (Cu)	018SG00402	22.8000	MG/KG	
Copper (Cu)	018SB01301	23.7000	MG/KG	
Copper (Cu)	018SB00201	25.4000	MG/KG	J
Copper (Cu)	018SB01602	25.7000	MG/KG	
Copper (Cu)	018SG00901	29.0000	MG/KG	
Copper (Cu)	018SB00501	31.5000	MG/KG	J
Copper (Cu)	018SG00202	31.5000	MG/KG	J
Copper (Cu)	018SB01601	32.0000	MG/KG	
Copper (Cu)	018SB01901	32.5000	MG/KG	
Copper (Cu)	018SB00102	33.8000	MG/KG	J
Copper (Cu)	018SG00602	38.2000	MG/KG	
Copper (Cu)	018SB00701	46.1000	MG/KG	
Copper (Cu)	018SB01101	50.2000	MG/KG	
Copper (Cu)	018SB01704	56.8000	MG/KG	
Copper (Cu)	018SG00201	57.6000	MG/KG	J
Copper (Cu)	018SB01201	59.4000	MG/KG	J
Copper (Cu)	018SG00701	76.7000	MG/KG	J
Copper (Cu)	018SB00901	80.1000	MG/KG	
Copper (Cu)	018SB00801	91.3000	MG/KG	
Copper (Cu)	018SB01501	93.6000	MG/KG	J
Copper (Cu)	018SG00401	97.5000	MG/KG	
Copper (Cu)	018SG00301	126.0000	MG/KG	
Copper (Cu)	018SG00603	138.0000	MG/KG	
Copper (Cu)	018SB00101	157.0000	MG/KG	J
Copper (Cu)	018SG00501	159.0000	MG/KG	
Copper (Cu)	018SG01001	410.0000	MG/KG	
Copper (Cu)	018SG00601	4840.0000	MG/KG	J
Iron (Fe)	018SB02202	1380.0000	MG/KG	
Iron (Fe)	018SB02101	2240.0000	MG/KG	
Iron (Fe)	018SB02204	2570.0000	MG/KG	
Iron (Fe)	018SB00505	2680.0000	MG/KG	
Iron (Fe)	018SB00102	3420.0000	MG/KG	
Iron (Fe)	018SB00604	3420.0000	MG/KG	
Iron (Fe)	018SG00904	3910.0000	MG/KG	
Iron (Fe)	018SG00101	3990.0000	MG/KG	J
Iron (Fe)	018SB01104	4100.0000	MG/KG	
Iron (Fe)	018SG01001	4140.0000	MG/KG	
Iron (Fe)	018SB01801	4200.0000	MG/KG	
Iron (Fe)	018SB00305	4300.0000	MG/KG	
Iron (Fe)	018SB02102	4470.0000	MG/KG	
Iron (Fe)	018SB02201	4530.0000	MG/KG	
Iron (Fe)	018SB01602	4670.0000	MG/KG	
Iron (Fe)	018SG01204	4740.0000	MG/KG	
Iron (Fe)	018SG00304	4830.0000	MG/KG	
Iron (Fe)	018SG00603	5010.0000	MG/KG	

Table 1
Chemicals Preent in Site Samples
Metals

NAME	SAMPLE_ID	RESULT	CONC_UNITS	VQUAL
Iron (Fe)	018SG00604	5090.0000	MG/KG	
Iron (Fe)	018SB01804	5130.0000	MG/KG	
Iron (Fe)	018SG01101	5130.0000	MG/KG	
Iron (Fe)	018SB01404	5490.0000	MG/KG	
Iron (Fe)	018SB01601	5500.0000	MG/KG	
Iron (Fe)	018SG01102	5640.0000	MG/KG	
Iron (Fe)	018SG01004	5700.0000	MG/KG	
Iron (Fe)	018SG00503	5720.0000	MG/KG	
Iron (Fe)	018SB00802	5800.0000	MG/KG	
Iron (Fe)	018SB01204	5950.0000	MG/KG	
Iron (Fe)	018SB00101	5980.0000	MG/KG	
Iron (Fe)	018SG00404	6290.0000	MG/KG	
Iron (Fe)	018SB00803	6350.0000	MG/KG	
Iron (Fe)	018SB01503	6430.0000	MG/KG	
Iron (Fe)	018SG01003	6440.0000	MG/KG	
Iron (Fe)	018SB01101	6620.0000	MG/KG	
Iron (Fe)	018SB01802	6640.0000	MG/KG	
Iron (Fe)	018SB00603	6720.0000	MG/KG	
Iron (Fe)	018SG00901	6760.0000	MG/KG	
Iron (Fe)	018SB00503	6880.0000	MG/KG	
Iron (Fe)	018SG00602	6950.0000	MG/KG	
Iron (Fe)	018SB00504	7090.0000	MG/KG	
Iron (Fe)	018SG01201	7110.0000	MG/KG	
Iron (Fe)	018SG00803	7150.0000	MG/KG	
Iron (Fe)	018SB01304	7280.0000	MG/KG	
Iron (Fe)	018SG00204	7400.0000	MG/KG	J
Iron (Fe)	018SG00703	7420.0000	MG/KG	J
Iron (Fe)	018SB00304	7620.0000	MG/KG	
Iron (Fe)	018SB01201	7760.0000	MG/KG	J
Iron (Fe)	018SB01301	7760.0000	MG/KG	
Iron (Fe)	018SB00403	7870.0000	MG/KG	
Iron (Fe)	018SB00501	7890.0000	MG/KG	
Iron (Fe)	018SB01202	7890.0000	MG/KG	
Iron (Fe)	018SG00504	8020.0000	MG/KG	
Iron (Fe)	018SG00701	8170.0000	MG/KG	J
Iron (Fe)	018SB01701	8250.0000	MG/KG	
Iron (Fe)	018SB01901	8320.0000	MG/KG	
Iron (Fe)	018SG00704	8380.0000	MG/KG	J
Iron (Fe)	018SB01003	8440.0000	MG/KG	
Iron (Fe)	018SB01303	8470.0000	MG/KG	
Iron (Fe)	018SB01001	8520.0000	MG/KG	
Iron (Fe)	018SG00301	8680.0000	MG/KG	
Iron (Fe)	018SB02203	8900.0000	MG/KG	
Iron (Fe)	018SB00301	8980.0000	MG/KG	
Iron (Fe)	018SG00303	9120.0000	MG/KG	
Iron (Fe)	018SB01904	9140.0000	MG/KG	
Iron (Fe)	018SG00201	9250.0000	MG/KG	J
Iron (Fe)	018SG01202	9260.0000	MG/KG	

Table 1
Chemicals Preent in Site Samples
Metals

NAME	SAMPLE_ID	RESULT	CONC_UNITS	VQUAL
Iron (Fe)	018SB01703	9280.0000	MG/KG	
Iron (Fe)	018SB01702	9320.0000	MG/KG	
Iron (Fe)	018SB02001	9440.0000	MG/KG	
Iron (Fe)	018SB01502	9750.0000	MG/KG	
Iron (Fe)	018SB00302	9780.0000	MG/KG	
Iron (Fe)	018SB00704	10100.0000	MG/KG	
Iron (Fe)	018SG00104	10200.0000	MG/KG	J
Iron (Fe)	018SG01104	10200.0000	MG/KG	
Iron (Fe)	018SB01902	10300.0000	MG/KG	
Iron (Fe)	018SB01002	10400.0000	MG/KG	
Iron (Fe)	018SB00204	10500.0000	MG/KG	
Iron (Fe)	018SG01103	10500.0000	MG/KG	
Iron (Fe)	018SG00202	10600.0000	MG/KG	J
Iron (Fe)	018SB00804	11200.0000	MG/KG	
Iron (Fe)	018SG00801	11200.0000	MG/KG	
Iron (Fe)	018SB00801	11300.0000	MG/KG	
Iron (Fe)	018SB01103	11300.0000	MG/KG	
Iron (Fe)	018SB01903	11300.0000	MG/KG	
Iron (Fe)	018SB01102	11400.0000	MG/KG	
Iron (Fe)	018SG01203	11400.0000	MG/KG	
Iron (Fe)	018SB01004	11500.0000	MG/KG	
Iron (Fe)	018SG00401	11500.0000	MG/KG	
Iron (Fe)	018SB02003	11600.0000	MG/KG	
Iron (Fe)	018SB01704	11700.0000	MG/KG	
Iron (Fe)	018SG00203	11700.0000	MG/KG	J
Iron (Fe)	018SG00302	11800.0000	MG/KG	
Iron (Fe)	018SB01401	11900.0000	MG/KG	J
Iron (Fe)	018SB00306	12000.0000	MG/KG	
Iron (Fe)	018SB00205	12100.0000	MG/KG	
Iron (Fe)	018SG00102	12200.0000	MG/KG	J
Iron (Fe)	018SG00702	12400.0000	MG/KG	J
Iron (Fe)	018SB01501	12500.0000	MG/KG	
Iron (Fe)	018SB01402	12600.0000	MG/KG	
Iron (Fe)	018SB00502	12700.0000	MG/KG	
Iron (Fe)	018SG00601	12700.0000	MG/KG	
Iron (Fe)	018SB00103	13000.0000	MG/KG	
Iron (Fe)	018SG00902	13500.0000	MG/KG	
Iron (Fe)	018SG00802	13600.0000	MG/KG	
Iron (Fe)	018SB02103	13700.0000	MG/KG	
Iron (Fe)	018SG00403	13800.0000	MG/KG	
Iron (Fe)	018SB00601	13900.0000	MG/KG	
Iron (Fe)	018SG00103	14100.0000	MG/KG	J
Iron (Fe)	018SB00701	14200.0000	MG/KG	
Iron (Fe)	018SG00502	14200.0000	MG/KG	
Iron (Fe)	018SB00202	15300.0000	MG/KG	
Iron (Fe)	018SB01203	15300.0000	MG/KG	
Iron (Fe)	018SB00901	15400.0000	MG/KG	
Iron (Fe)	018SG01002	15400.0000	MG/KG	

Table 1
Chemicals Preent in Site Samples
Metals

NAME	SAMPLE_ID	RESULT	CONC_UNITS	VQUAL
Iron (Fe)	018SB00402	15600.0000	MG/KG	
Iron (Fe)	018SG00402	15800.0000	MG/KG	
Iron (Fe)	018SB01504	15900.0000	MG/KG	
Iron (Fe)	018SB02104	16000.0000	MG/KG	
Iron (Fe)	018SG00903	16300.0000	MG/KG	
Iron (Fe)	018SB01302	17100.0000	MG/KG	
Iron (Fe)	018SG00501	20200.0000	MG/KG	
Iron (Fe)	018SB00702	21000.0000	MG/KG	
Iron (Fe)	018SB01403	21000.0000	MG/KG	
Iron (Fe)	018SB01803	21500.0000	MG/KG	
Iron (Fe)	018SB00201	22100.0000	MG/KG	
Iron (Fe)	018SB00602	22100.0000	MG/KG	
Iron (Fe)	018SB00203	22800.0000	MG/KG	
Iron (Fe)	018SB00303	23500.0000	MG/KG	
Iron (Fe)	018SB00401	23600.0000	MG/KG	
Iron (Fe)	018SB00703	23800.0000	MG/KG	
Iron (Fe)	018SB02002	26000.0000	MG/KG	
Lead (Pb)	018SB02202	3.5000	MG/KG	J
Lead (Pb)	018SB01703	3.7000	MG/KG	
Lead (Pb)	018SB00505	3.9000	MG/KG	J
Lead (Pb)	018SB01104	4.1000	MG/KG	
Lead (Pb)	018SB01303	4.3000	MG/KG	
Lead (Pb)	018SB00804	4.5000	MG/KG	
Lead (Pb)	018SB02204	4.6000	MG/KG	J
Lead (Pb)	018SG01204	4.6000	MG/KG	
Lead (Pb)	018SG00404	4.7000	MG/KG	J
Lead (Pb)	018SG01103	4.7000	MG/KG	J
Lead (Pb)	018SG01202	4.7000	MG/KG	
Lead (Pb)	018SB00304	4.8000	MG/KG	J
Lead (Pb)	018SB01404	4.9000	MG/KG	
Lead (Pb)	018SG01102	5.0000	MG/KG	J
Lead (Pb)	018SB01904	5.1000	MG/KG	
Lead (Pb)	018SG00604	5.1000	MG/KG	
Lead (Pb)	018SB00202	5.2000	MG/KG	J
Lead (Pb)	018SB00704	5.2000	MG/KG	
Lead (Pb)	018SB01502	5.2000	MG/KG	
Lead (Pb)	018SB01702	5.2000	MG/KG	
Lead (Pb)	018SB00503	5.3000	MG/KG	J
Lead (Pb)	018SB00803	5.3000	MG/KG	
Lead (Pb)	018SG00704	5.3000	MG/KG	
Lead (Pb)	018SB01504	5.4000	MG/KG	
Lead (Pb)	018SB00204	5.5000	MG/KG	J
Lead (Pb)	018SB00403	5.6000	MG/KG	J
Lead (Pb)	018SG00203	5.7000	MG/KG	
Lead (Pb)	018SB00802	5.9000	MG/KG	
Lead (Pb)	018SB01103	5.9000	MG/KG	
Lead (Pb)	018SB02203	5.9000	MG/KG	J
Lead (Pb)	018SG00702	5.9000	MG/KG	

Table 1
Chemicals Preent in Site Samples
Metals

NAME	SAMPLE_ID	RESULT	CONC_UNITS	VQUAL
Lead (Pb)	018SB01204	6.0000	MG/KG	
Lead (Pb)	018SB01304	6.0000	MG/KG	
Lead (Pb)	018SG00603	6.0000	MG/KG	
Lead (Pb)	018SB00502	6.1000	MG/KG	J
Lead (Pb)	018SB00603	6.1000	MG/KG	J
Lead (Pb)	018SG00803	6.1000	MG/KG	
Lead (Pb)	018SG01203	6.1000	MG/KG	
Lead (Pb)	018SB01003	6.2000	MG/KG	
Lead (Pb)	018SG00104	6.2000	MG/KG	
Lead (Pb)	018SG00504	6.2000	MG/KG	
Lead (Pb)	018SG00402	6.3000	MG/KG	J
Lead (Pb)	018SB00504	6.4000	MG/KG	J
Lead (Pb)	018SB00702	6.4000	MG/KG	
Lead (Pb)	018SG00904	6.5000	MG/KG	
Lead (Pb)	018SB01004	6.6000	MG/KG	
Lead (Pb)	018SG00703	6.7000	MG/KG	
Lead (Pb)	018SB01903	6.8000	MG/KG	
Lead (Pb)	018SG00502	6.8000	MG/KG	
Lead (Pb)	018SB01102	7.0000	MG/KG	
Lead (Pb)	018SB02102	7.0000	MG/KG	J
Lead (Pb)	018SB02103	7.0000	MG/KG	J
Lead (Pb)	018SB00402	7.1000	MG/KG	J
Lead (Pb)	018SG00903	7.3000	MG/KG	
Lead (Pb)	018SG00802	7.4000	MG/KG	
Lead (Pb)	018SB00703	7.5000	MG/KG	
Lead (Pb)	018SG00302	7.5000	MG/KG	J
Lead (Pb)	018SG00303	7.5000	MG/KG	J
Lead (Pb)	018SB01202	7.7000	MG/KG	
Lead (Pb)	018SB00305	7.9000	MG/KG	J
Lead (Pb)	018SB01302	7.9000	MG/KG	
Lead (Pb)	018SB00203	8.0000	MG/KG	J
Lead (Pb)	018SB01203	8.0000	MG/KG	
Lead (Pb)	018SB01402	8.0000	MG/KG	
Lead (Pb)	018SB01001	8.2000	MG/KG	
Lead (Pb)	018SB02003	8.2000	MG/KG	J
Lead (Pb)	018SB01403	8.3000	MG/KG	
Lead (Pb)	018SB00205	8.5000	MG/KG	
Lead (Pb)	018SB01902	8.5000	MG/KG	
Lead (Pb)	018SB01503	8.7000	MG/KG	
Lead (Pb)	018SG00403	8.8000	MG/KG	J
Lead (Pb)	018SB02104	8.9000	MG/KG	J
Lead (Pb)	018SG01002	8.9000	MG/KG	
Lead (Pb)	018SG00304	9.0000	MG/KG	J
Lead (Pb)	018SG00503	9.0000	MG/KG	
Lead (Pb)	018SG00902	9.1000	MG/KG	
Lead (Pb)	018SB00601	9.2000	MG/KG	J
Lead (Pb)	018SG01004	9.3000	MG/KG	
Lead (Pb)	018SB00303	9.6000	MG/KG	J

Table 1
Chemicals Preent in Site Samples
Metals

NAME	SAMPLE_ID	RESULT	CONC_UNITS	VQUAL
Lead (Pb)	018SB00602	9.9000	MG/KG	J
Lead (Pb)	018SG00204	10.1000	MG/KG	
Lead (Pb)	018SG01104	10.2000	MG/KG	J
Lead (Pb)	018SB01002	10.3000	MG/KG	
Lead (Pb)	018SB01802	10.3000	MG/KG	
Lead (Pb)	018SB01804	10.4000	MG/KG	
Lead (Pb)	018SG00602	10.4000	MG/KG	
Lead (Pb)	018SB00604	11.0000	MG/KG	J
Lead (Pb)	018SG01003	11.9000	MG/KG	
Lead (Pb)	018SB02002	12.2000	MG/KG	J
Lead (Pb)	018SB01803	13.0000	MG/KG	
Lead (Pb)	018SB00401	13.9000	MG/KG	J
Lead (Pb)	018SG01201	15.5000	MG/KG	
Lead (Pb)	018SB02101	15.6000	MG/KG	J
Lead (Pb)	018SB00302	15.7000	MG/KG	J
Lead (Pb)	018SB02001	15.7000	MG/KG	J
Lead (Pb)	018SG01101	16.2000	MG/KG	J
Lead (Pb)	018SB02201	16.6000	MG/KG	J
Lead (Pb)	018SB00103	18.0000	MG/KG	J
Lead (Pb)	018SB01701	18.4000	MG/KG	J
Lead (Pb)	018SB00102	19.5000	MG/KG	J
Lead (Pb)	018SG00102	19.7000	MG/KG	
Lead (Pb)	018SB00101	22.1000	MG/KG	J
Lead (Pb)	018SG00801	25.1000	MG/KG	
Lead (Pb)	018SB00201	30.2000	MG/KG	J
Lead (Pb)	018SG00701	34.4000	MG/KG	
Lead (Pb)	018SB00801	34.9000	MG/KG	
Lead (Pb)	018SB00306	36.4000	MG/KG	
Lead (Pb)	018SB01501	42.0000	MG/KG	
Lead (Pb)	018SB01301	42.3000	MG/KG	
Lead (Pb)	018SG00401	47.3000	MG/KG	J
Lead (Pb)	018SG00103	53.3000	MG/KG	
Lead (Pb)	018SB00501	53.6000	MG/KG	J
Lead (Pb)	018SB01101	54.9000	MG/KG	
Lead (Pb)	018SG00202	57.0000	MG/KG	
Lead (Pb)	018SG00301	70.0000	MG/KG	J
Lead (Pb)	018SB00701	71.0000	MG/KG	
Lead (Pb)	018SB01602	71.3000	MG/KG	
Lead (Pb)	018SG00101	72.1000	MG/KG	
Lead (Pb)	018SG00501	72.1000	MG/KG	
Lead (Pb)	018SB00301	77.2000	MG/KG	J
Lead (Pb)	018SB01901	87.8000	MG/KG	
Lead (Pb)	018SB01601	88.8000	MG/KG	
Lead (Pb)	018SG01001	92.7000	MG/KG	
Lead (Pb)	018SB01704	101.0000	MG/KG	
Lead (Pb)	018SB01401	102.0000	MG/KG	
Lead (Pb)	018SB01801	123.0000	MG/KG	
Lead (Pb)	018SG00901	128.0000	MG/KG	

Table 1
Chemicals Preent in Site Samples
Metals

NAME	SAMPLE_ID	RESULT	CONC_UNITS	VQUAL
Lead (Pb)	018SB01201	141.0000	MG/KG	J
Lead (Pb)	018SG00601	151.0000	MG/KG	
Lead (Pb)	018SG00201	153.0000	MG/KG	
Lead (Pb)	018SB00901	257.0000	MG/KG	
Magnesium (Mg)	018SB02202	83.5000	MG/KG	
Magnesium (Mg)	018SB02101	140.0000	MG/KG	
Magnesium (Mg)	018SB00101	157.0000	MG/KG	
Magnesium (Mg)	018SB01801	167.0000	MG/KG	
Magnesium (Mg)	018SG00601	197.0000	MG/KG	
Magnesium (Mg)	018SG00904	197.0000	MG/KG	
Magnesium (Mg)	018SG00602	199.0000	MG/KG	
Magnesium (Mg)	018SG00304	207.0000	MG/KG	
Magnesium (Mg)	018SB02201	211.0000	MG/KG	
Magnesium (Mg)	018SB00803	215.0000	MG/KG	
Magnesium (Mg)	018SB01804	221.0000	MG/KG	
Magnesium (Mg)	018SB02102	221.0000	MG/KG	
Magnesium (Mg)	018SB00603	228.0000	MG/KG	
Magnesium (Mg)	018SB01802	230.0000	MG/KG	
Magnesium (Mg)	018SG01004	232.0000	MG/KG	
Magnesium (Mg)	018SB01602	237.0000	MG/KG	
Magnesium (Mg)	018SB01601	252.0000	MG/KG	
Magnesium (Mg)	018SB00102	253.0000	MG/KG	
Magnesium (Mg)	018SB00804	258.0000	MG/KG	
Magnesium (Mg)	018SG01101	267.0000	MG/KG	
Magnesium (Mg)	018SG01201	268.0000	MG/KG	
Magnesium (Mg)	018SB00601	269.0000	MG/KG	
Magnesium (Mg)	018SB01303	269.0000	MG/KG	
Magnesium (Mg)	018SB01002	271.0000	MG/KG	
Magnesium (Mg)	018SB00802	272.0000	MG/KG	
Magnesium (Mg)	018SB01003	272.0000	MG/KG	
Magnesium (Mg)	018SB01101	272.0000	MG/KG	
Magnesium (Mg)	018SB01401	272.0000	MG/KG	
Magnesium (Mg)	018SB01001	291.0000	MG/KG	
Magnesium (Mg)	018SB01404	292.0000	MG/KG	
Magnesium (Mg)	018SB01204	296.0000	MG/KG	
Magnesium (Mg)	018SB00501	312.0000	MG/KG	
Magnesium (Mg)	018SB00304	318.0000	MG/KG	
Magnesium (Mg)	018SB00701	320.0000	MG/KG	
Magnesium (Mg)	018SG01204	323.0000	MG/KG	
Magnesium (Mg)	018SB01201	326.0000	MG/KG	
Magnesium (Mg)	018SB02204	333.0000	MG/KG	
Magnesium (Mg)	018SG01102	336.0000	MG/KG	
Magnesium (Mg)	018SB00201	339.0000	MG/KG	
Magnesium (Mg)	018SG00901	344.0000	MG/KG	
Magnesium (Mg)	018SG00701	346.0000	MG/KG	
Magnesium (Mg)	018SG00603	347.0000	MG/KG	
Magnesium (Mg)	018SG00501	348.0000	MG/KG	
Magnesium (Mg)	018SB01301	349.0000	MG/KG	

Table 1
Chemicals Preent in Site Samples
Metals

NAME	SAMPLE_ID	RESULT	CONC_UNITS	VQUAL
Magnesium (Mg)	018SB02001	350.0000	MG/KG	
Magnesium (Mg)	018SG00503	350.0000	MG/KG	
Magnesium (Mg)	018SB01701	372.0000	MG/KG	
Magnesium (Mg)	018SG01001	373.0000	MG/KG	
Magnesium (Mg)	018SG01003	375.0000	MG/KG	
Magnesium (Mg)	018SG00301	378.0000	MG/KG	
Magnesium (Mg)	018SB01503	380.0000	MG/KG	
Magnesium (Mg)	018SB01104	384.0000	MG/KG	
Magnesium (Mg)	018SB01901	390.0000	MG/KG	
Magnesium (Mg)	018SB00801	396.0000	MG/KG	
Magnesium (Mg)	018SB01904	399.0000	MG/KG	
Magnesium (Mg)	018SG00502	401.0000	MG/KG	
Magnesium (Mg)	018SB00702	418.0000	MG/KG	
Magnesium (Mg)	018SB00301	419.0000	MG/KG	
Magnesium (Mg)	018SB00602	421.0000	MG/KG	
Magnesium (Mg)	018SB00604	424.0000	MG/KG	
Magnesium (Mg)	018SB00302	425.0000	MG/KG	
Magnesium (Mg)	018SB02203	427.0000	MG/KG	
Magnesium (Mg)	018SG00204	427.0000	MG/KG	
Magnesium (Mg)	018SG00703	432.0000	MG/KG	
Magnesium (Mg)	018SG00404	441.0000	MG/KG	
Magnesium (Mg)	018SG00103	451.0000	MG/KG	
Magnesium (Mg)	018SB00204	457.0000	MG/KG	
Magnesium (Mg)	018SB00306	464.0000	MG/KG	
Magnesium (Mg)	018SB01704	472.0000	MG/KG	
Magnesium (Mg)	018SB00505	478.0000	MG/KG	
Magnesium (Mg)	018SG00201	479.0000	MG/KG	
Magnesium (Mg)	018SB01202	481.0000	MG/KG	
Magnesium (Mg)	018SB00403	489.0000	MG/KG	
Magnesium (Mg)	018SB01504	491.0000	MG/KG	
Magnesium (Mg)	018SB01501	494.0000	MG/KG	
Magnesium (Mg)	018SB00504	502.0000	MG/KG	
Magnesium (Mg)	018SG00801	505.0000	MG/KG	
Magnesium (Mg)	018SB00503	511.0000	MG/KG	
Magnesium (Mg)	018SB01402	521.0000	MG/KG	
Magnesium (Mg)	018SB00704	523.0000	MG/KG	
Magnesium (Mg)	018SB01004	526.0000	MG/KG	
Magnesium (Mg)	018SG00102	532.0000	MG/KG	
Magnesium (Mg)	018SG00401	534.0000	MG/KG	
Magnesium (Mg)	018SG00803	559.0000	MG/KG	
Magnesium (Mg)	018SG01104	561.0000	MG/KG	
Magnesium (Mg)	018SG00704	567.0000	MG/KG	
Magnesium (Mg)	018SG01202	567.0000	MG/KG	
Magnesium (Mg)	018SB00402	572.0000	MG/KG	
Magnesium (Mg)	018SB01304	574.0000	MG/KG	
Magnesium (Mg)	018SG00101	578.0000	MG/KG	
Magnesium (Mg)	018SG00302	586.0000	MG/KG	
Magnesium (Mg)	018SB01902	594.0000	MG/KG	

Table 1
Chemicals Preent in Site Samples
Metals

NAME	SAMPLE_ID	RESULT	CONC_UNITS	VQUAL
Magnesium (Mg)	018SB00305	598.0000	MG/KG	
Magnesium (Mg)	018SG00504	599.0000	MG/KG	
Magnesium (Mg)	018SB00303	625.0000	MG/KG	
Magnesium (Mg)	018SG00604	630.0000	MG/KG	
Magnesium (Mg)	018SB00103	631.0000	MG/KG	
Magnesium (Mg)	018SB00202	636.0000	MG/KG	
Magnesium (Mg)	018SB01703	638.0000	MG/KG	
Magnesium (Mg)	018SB01502	644.0000	MG/KG	
Magnesium (Mg)	018SB00401	659.0000	MG/KG	
Magnesium (Mg)	018SG00902	667.0000	MG/KG	
Magnesium (Mg)	018SB01803	697.0000	MG/KG	
Magnesium (Mg)	018SB01702	700.0000	MG/KG	
Magnesium (Mg)	018SB01102	702.0000	MG/KG	
Magnesium (Mg)	018SG00403	704.0000	MG/KG	
Magnesium (Mg)	018SG01103	715.0000	MG/KG	
Magnesium (Mg)	018SB00502	744.0000	MG/KG	
Magnesium (Mg)	018SG01002	751.0000	MG/KG	
Magnesium (Mg)	018SB00205	753.0000	MG/KG	
Magnesium (Mg)	018SG00702	780.0000	MG/KG	
Magnesium (Mg)	018SG01203	835.0000	MG/KG	
Magnesium (Mg)	018SG00303	851.0000	MG/KG	
Magnesium (Mg)	018SB00203	853.0000	MG/KG	
Magnesium (Mg)	018SG00203	863.0000	MG/KG	
Magnesium (Mg)	018SB01103	869.0000	MG/KG	
Magnesium (Mg)	018SG00802	871.0000	MG/KG	
Magnesium (Mg)	018SG00903	881.0000	MG/KG	
Magnesium (Mg)	018SB01403	895.0000	MG/KG	
Magnesium (Mg)	018SB01302	929.0000	MG/KG	
Magnesium (Mg)	018SB02103	935.0000	MG/KG	
Magnesium (Mg)	018SG00402	980.0000	MG/KG	
Magnesium (Mg)	018SB01903	983.0000	MG/KG	
Magnesium (Mg)	018SB02003	1050.0000	MG/KG	
Magnesium (Mg)	018SB00703	1160.0000	MG/KG	
Magnesium (Mg)	018SB02002	1170.0000	MG/KG	
Magnesium (Mg)	018SG00104	1200.0000	MG/KG	
Magnesium (Mg)	018SB01203	1370.0000	MG/KG	
Magnesium (Mg)	018SB02104	1460.0000	MG/KG	
Magnesium (Mg)	018SB00901	1630.0000	MG/KG	
Magnesium (Mg)	018SG00202	2580.0000	MG/KG	
Manganese (Mn)	018SB00603	2.4000	MG/KG	
Manganese (Mn)	018SB01104	4.1000	MG/KG	
Manganese (Mn)	018SB01404	4.4000	MG/KG	
Manganese (Mn)	018SB01204	4.7000	MG/KG	
Manganese (Mn)	018SG00604	4.8000	MG/KG	J
Manganese (Mn)	018SB00803	5.1000	MG/KG	
Manganese (Mn)	018SB00602	5.5000	MG/KG	
Manganese (Mn)	018SB01802	5.5000	MG/KG	
Manganese (Mn)	018SB02202	5.5000	MG/KG	

Table 1
Chemicals Preent in Site Samples
Metals

NAME	SAMPLE_ID	RESULT	CONC_UNITS	VQUAL
Manganese (Mn)	018SB01303	5.7000	MG/KG	
Manganese (Mn)	018SG00904	6.0000	MG/KG	
Manganese (Mn)	018SB02204	6.3000	MG/KG	
Manganese (Mn)	018SB00302	6.6000	MG/KG	
Manganese (Mn)	018SB00804	6.6000	MG/KG	
Manganese (Mn)	018SB00604	6.7000	MG/KG	
Manganese (Mn)	018SB01703	6.9000	MG/KG	
Manganese (Mn)	018SB00303	7.0000	MG/KG	
Manganese (Mn)	018SB00504	7.0000	MG/KG	
Manganese (Mn)	018SB01904	7.0000	MG/KG	
Manganese (Mn)	018SB00305	7.2000	MG/KG	
Manganese (Mn)	018SB00505	7.4000	MG/KG	
Manganese (Mn)	018SG00404	7.5000	MG/KG	
Manganese (Mn)	018SG00503	7.6000	MG/KG	J
Manganese (Mn)	018SG01204	7.7000	MG/KG	
Manganese (Mn)	018SB02201	7.9000	MG/KG	
Manganese (Mn)	018SG00704	8.2000	MG/KG	
Manganese (Mn)	018SB00704	8.3000	MG/KG	
Manganese (Mn)	018SB00702	8.5000	MG/KG	
Manganese (Mn)	018SB01003	8.5000	MG/KG	
Manganese (Mn)	018SB01402	8.5000	MG/KG	
Manganese (Mn)	018SB00802	8.6000	MG/KG	
Manganese (Mn)	018SB01804	8.8000	MG/KG	
Manganese (Mn)	018SG00304	8.8000	MG/KG	
Manganese (Mn)	018SB00204	9.0000	MG/KG	
Manganese (Mn)	018SB01504	9.0000	MG/KG	
Manganese (Mn)	018SB01004	9.1000	MG/KG	
Manganese (Mn)	018SG01104	9.4000	MG/KG	
Manganese (Mn)	018SG01202	9.4000	MG/KG	
Manganese (Mn)	018SG01102	9.6000	MG/KG	
Manganese (Mn)	018SB00202	9.8000	MG/KG	
Manganese (Mn)	018SG00803	9.8000	MG/KG	
Manganese (Mn)	018SB00103	10.2000	MG/KG	
Manganese (Mn)	018SB01503	10.2000	MG/KG	
Manganese (Mn)	018SB01902	10.2000	MG/KG	
Manganese (Mn)	018SB00304	10.4000	MG/KG	
Manganese (Mn)	018SB01202	10.8000	MG/KG	
Manganese (Mn)	018SG00902	11.0000	MG/KG	
Manganese (Mn)	018SB01304	11.4000	MG/KG	
Manganese (Mn)	018SB00402	11.5000	MG/KG	
Manganese (Mn)	018SB02203	11.6000	MG/KG	
Manganese (Mn)	018SB00503	11.8000	MG/KG	
Manganese (Mn)	018SG00302	11.8000	MG/KG	
Manganese (Mn)	018SB02103	12.0000	MG/KG	
Manganese (Mn)	018SB01702	12.4000	MG/KG	
Manganese (Mn)	018SG00504	12.4000	MG/KG	J
Manganese (Mn)	018SB00401	13.0000	MG/KG	
Manganese (Mn)	018SB00403	13.8000	MG/KG	

Table 1
Chemicals Preent in Site Samples
Metals

NAME	SAMPLE_ID	RESULT	CONC_UNITS	VQUAL
Manganese (Mn)	018SB00102	13.9000	MG/KG	
Manganese (Mn)	018SB02001	14.0000	MG/KG	
Manganese (Mn)	018SB01103	14.2000	MG/KG	
Manganese (Mn)	018SB00502	14.5000	MG/KG	
Manganese (Mn)	018SG00802	14.5000	MG/KG	
Manganese (Mn)	018SB02003	14.8000	MG/KG	
Manganese (Mn)	018SB01903	15.0000	MG/KG	
Manganese (Mn)	018SG00603	15.0000	MG/KG	J
Manganese (Mn)	018SB01102	15.3000	MG/KG	
Manganese (Mn)	018SB01001	15.4000	MG/KG	
Manganese (Mn)	018SG00703	15.5000	MG/KG	
Manganese (Mn)	018SG00801	15.9000	MG/KG	
Manganese (Mn)	018SB00306	16.1000	MG/KG	J
Manganese (Mn)	018SB00501	16.2000	MG/KG	
Manganese (Mn)	018SB01002	16.2000	MG/KG	
Manganese (Mn)	018SG00602	16.2000	MG/KG	J
Manganese (Mn)	018SB01701	16.3000	MG/KG	
Manganese (Mn)	018SG01004	16.3000	MG/KG	
Manganese (Mn)	018SG00402	16.9000	MG/KG	
Manganese (Mn)	018SG01203	17.1000	MG/KG	
Manganese (Mn)	018SG00702	17.7000	MG/KG	
Manganese (Mn)	018SB01403	18.8000	MG/KG	
Manganese (Mn)	018SG00303	18.8000	MG/KG	
Manganese (Mn)	018SG01101	19.0000	MG/KG	
Manganese (Mn)	018SG00104	19.2000	MG/KG	
Manganese (Mn)	018SG00903	19.3000	MG/KG	
Manganese (Mn)	018SB01301	19.4000	MG/KG	
Manganese (Mn)	018SB00601	19.5000	MG/KG	
Manganese (Mn)	018SG00102	20.1000	MG/KG	
Manganese (Mn)	018SG01103	20.6000	MG/KG	
Manganese (Mn)	018SB00703	21.2000	MG/KG	
Manganese (Mn)	018SB01203	21.8000	MG/KG	
Manganese (Mn)	018SG00502	22.4000	MG/KG	J
Manganese (Mn)	018SG00203	23.3000	MG/KG	
Manganese (Mn)	018SB02002	23.9000	MG/KG	
Manganese (Mn)	018SG00204	24.1000	MG/KG	
Manganese (Mn)	018SB02104	24.2000	MG/KG	
Manganese (Mn)	018SB01502	24.4000	MG/KG	
Manganese (Mn)	018SB01302	27.0000	MG/KG	
Manganese (Mn)	018SG01002	27.3000	MG/KG	
Manganese (Mn)	018SB01601	28.0000	MG/KG	
Manganese (Mn)	018SG00401	28.3000	MG/KG	
Manganese (Mn)	018SB00301	29.0000	MG/KG	
Manganese (Mn)	018SB01704	29.1000	MG/KG	
Manganese (Mn)	018SB01201	29.4000	MG/KG	J
Manganese (Mn)	018SG00701	29.5000	MG/KG	
Manganese (Mn)	018SB01101	30.1000	MG/KG	
Manganese (Mn)	018SB02102	31.5000	MG/KG	

Table 1
Chemicals Preent in Site Samples
Metals

NAME	SAMPLE_ID	RESULT	CONC_UNITS	VQUAL
Manganese (Mn)	018SB01602	32.2000	MG/KG	
Manganese (Mn)	018SB01901	35.0000	MG/KG	
Manganese (Mn)	018SB01801	35.5000	MG/KG	
Manganese (Mn)	018SB01501	35.9000	MG/KG	J
Manganese (Mn)	018SG00403	36.4000	MG/KG	
Manganese (Mn)	018SG00301	37.4000	MG/KG	
Manganese (Mn)	018SB02101	38.2000	MG/KG	
Manganese (Mn)	018SG01003	38.2000	MG/KG	
Manganese (Mn)	018SG01201	38.5000	MG/KG	
Manganese (Mn)	018SG00901	38.6000	MG/KG	
Manganese (Mn)	018SB00101	40.2000	MG/KG	
Manganese (Mn)	018SG00103	43.2000	MG/KG	
Manganese (Mn)	018SG00201	43.5000	MG/KG	
Manganese (Mn)	018SG00202	46.4000	MG/KG	
Manganese (Mn)	018SB00701	46.7000	MG/KG	
Manganese (Mn)	018SB01401	51.5000	MG/KG	
Manganese (Mn)	018SG00101	51.8000	MG/KG	
Manganese (Mn)	018SB01803	54.4000	MG/KG	
Manganese (Mn)	018SB00203	59.9000	MG/KG	
Manganese (Mn)	018SG00501	60.8000	MG/KG	J
Manganese (Mn)	018SB00201	65.0000	MG/KG	
Manganese (Mn)	018SB00901	90.2000	MG/KG	
Manganese (Mn)	018SB00801	94.2000	MG/KG	
Manganese (Mn)	018SG00601	156.0000	MG/KG	J
Manganese (Mn)	018SG01001	207.0000	MG/KG	J
Mercury (Hg)	018SB01701	0.0300	MG/KG	
Mercury (Hg)	018SB00202	0.0400	MG/KG	
Mercury (Hg)	018SB00401	0.0400	MG/KG	
Mercury (Hg)	018SB00502	0.0400	MG/KG	
Mercury (Hg)	018SB01201	0.0400	MG/KG	
Mercury (Hg)	018SG00302	0.0400	MG/KG	
Mercury (Hg)	018SG00601	0.0400	MG/KG	
Mercury (Hg)	018SG00602	0.0400	MG/KG	
Mercury (Hg)	018SB00301	0.0500	MG/KG	
Mercury (Hg)	018SB00702	0.0500	MG/KG	
Mercury (Hg)	018SB00801	0.0500	MG/KG	
Mercury (Hg)	018SB01101	0.0500	MG/KG	
Mercury (Hg)	018SB01102	0.0500	MG/KG	
Mercury (Hg)	018SB02101	0.0600	MG/KG	
Mercury (Hg)	018SG00201	0.0600	MG/KG	
Mercury (Hg)	018SB00302	0.0700	MG/KG	
Mercury (Hg)	018SG00501	0.0700	MG/KG	
Mercury (Hg)	018SG00202	0.1200	MG/KG	
Mercury (Hg)	018SB00802	0.1800	MG/KG	
Mercury (Hg)	018SB00901	0.1900	MG/KG	J
Mercury (Hg)	018SG00301	0.2100	MG/KG	
Mercury (Hg)	018SG00401	0.5400	MG/KG	
Mercury (Hg)	018SB01001	1.1000	MG/KG	

Table 1
Chemicals Preent in Site Samples
Metals

NAME	SAMPLE_ID	RESULT	CONC_UNITS	VQUAL
Nickel (Ni)	018SB01404	0.7100	MG/KG	J
Nickel (Ni)	018SB01904	0.7200	MG/KG	J
Nickel (Ni)	018SB01104	0.7300	MG/KG	J
Nickel (Ni)	018SB01204	0.7500	MG/KG	J
Nickel (Ni)	018SB01303	0.7700	MG/KG	J
Nickel (Ni)	018SB01802	1.0000	MG/KG	J
Nickel (Ni)	018SG00404	1.0000	MG/KG	J
Nickel (Ni)	018SG00503	1.0000	MG/KG	J
Nickel (Ni)	018SG00604	1.0000	MG/KG	J
Nickel (Ni)	018SB00602	1.1000	MG/KG	J
Nickel (Ni)	018SB00601	1.2000	MG/KG	J
Nickel (Ni)	018SB01002	1.2000	MG/KG	J
Nickel (Ni)	018SB01803	1.2000	MG/KG	J
Nickel (Ni)	018SB00604	1.3000	MG/KG	J
Nickel (Ni)	018SB01503	1.3000	MG/KG	J
Nickel (Ni)	018SB02202	1.3000	MG/KG	J
Nickel (Ni)	018SB02204	1.3000	MG/KG	J
Nickel (Ni)	018SG00703	1.3000	MG/KG	J
Nickel (Ni)	018SG01104	1.3000	MG/KG	J
Nickel (Ni)	018SB01004	1.4000	MG/KG	J
Nickel (Ni)	018SB01801	1.4000	MG/KG	J
Nickel (Ni)	018SG00704	1.4000	MG/KG	J
Nickel (Ni)	018SB00702	1.5000	MG/KG	J
Nickel (Ni)	018SB01102	1.5000	MG/KG	J
Nickel (Ni)	018SB01103	1.5000	MG/KG	J
Nickel (Ni)	018SB01502	1.5000	MG/KG	J
Nickel (Ni)	018SB01504	1.5000	MG/KG	J
Nickel (Ni)	018SG00103	1.5000	MG/KG	J
Nickel (Ni)	018SG00403	1.5000	MG/KG	J
Nickel (Ni)	018SB00306	1.6000	MG/KG	J
Nickel (Ni)	018SB01202	1.6000	MG/KG	J
Nickel (Ni)	018SB01402	1.6000	MG/KG	J
Nickel (Ni)	018SB01902	1.6000	MG/KG	J
Nickel (Ni)	018SB01903	1.6000	MG/KG	J
Nickel (Ni)	018SG00204	1.6000	MG/KG	J
Nickel (Ni)	018SG00504	1.6000	MG/KG	J
Nickel (Ni)	018SG01003	1.6000	MG/KG	J
Nickel (Ni)	018SG01101	1.6000	MG/KG	J
Nickel (Ni)	018SG01103	1.6000	MG/KG	J
Nickel (Ni)	018SB00302	1.7000	MG/KG	J
Nickel (Ni)	018SB00504	1.7000	MG/KG	J
Nickel (Ni)	018SB00505	1.7000	MG/KG	J
Nickel (Ni)	018SB01702	1.7000	MG/KG	J
Nickel (Ni)	018SB02203	1.7000	MG/KG	J
Nickel (Ni)	018SG00303	1.7000	MG/KG	J
Nickel (Ni)	018SG00803	1.7000	MG/KG	J
Nickel (Ni)	018SG01201	1.7000	MG/KG	J
Nickel (Ni)	018SG01202	1.7000	MG/KG	J

Table 1
Chemicals Preent in Site Samples
Metals

NAME	SAMPLE_ID	RESULT	CONC_UNITS	VQUAL
Nickel (Ni)	018SB00202	1.8000	MG/KG	J
Nickel (Ni)	018SB00301	1.8000	MG/KG	J
Nickel (Ni)	018SB01304	1.8000	MG/KG	J
Nickel (Ni)	018SB01701	1.8000	MG/KG	J
Nickel (Ni)	018SB02101	1.8000	MG/KG	J
Nickel (Ni)	018SG00502	1.8000	MG/KG	J
Nickel (Ni)	018SG00702	1.8000	MG/KG	J
Nickel (Ni)	018SB00103	1.9000	MG/KG	J
Nickel (Ni)	018SB00305	1.9000	MG/KG	J
Nickel (Ni)	018SB00502	1.9000	MG/KG	J
Nickel (Ni)	018SB01302	1.9000	MG/KG	J
Nickel (Ni)	018SB01601	1.9000	MG/KG	J
Nickel (Ni)	018SG01102	1.9000	MG/KG	J
Nickel (Ni)	018SB00201	2.0000	MG/KG	J
Nickel (Ni)	018SB00203	2.0000	MG/KG	J
Nickel (Ni)	018SB00205	2.0000	MG/KG	J
Nickel (Ni)	018SB00704	2.0000	MG/KG	J
Nickel (Ni)	018SB01403	2.0000	MG/KG	J
Nickel (Ni)	018SB02001	2.0000	MG/KG	J
Nickel (Ni)	018SG01203	2.0000	MG/KG	J
Nickel (Ni)	018SB01501	2.1000	MG/KG	J
Nickel (Ni)	018SG00101	2.1000	MG/KG	J
Nickel (Ni)	018SG00203	2.1000	MG/KG	J
Nickel (Ni)	018SB00401	2.2000	MG/KG	J
Nickel (Ni)	018SG00302	2.2000	MG/KG	J
Nickel (Ni)	018SB01602	2.3000	MG/KG	J
Nickel (Ni)	018SB02103	2.3000	MG/KG	J
Nickel (Ni)	018SG00102	2.3000	MG/KG	J
Nickel (Ni)	018SG00802	2.3000	MG/KG	J
Nickel (Ni)	018SG00903	2.3000	MG/KG	J
Nickel (Ni)	018SG01002	2.3000	MG/KG	J
Nickel (Ni)	018SB00501	2.4000	MG/KG	J
Nickel (Ni)	018SB01401	2.4000	MG/KG	J
Nickel (Ni)	018SB02201	2.4000	MG/KG	J
Nickel (Ni)	018SB01301	2.5000	MG/KG	J
Nickel (Ni)	018SB02102	2.5000	MG/KG	J
Nickel (Ni)	018SG00801	2.5000	MG/KG	J
Nickel (Ni)	018SG00902	2.5000	MG/KG	J
Nickel (Ni)	018SB00703	2.6000	MG/KG	J
Nickel (Ni)	018SB01203	2.6000	MG/KG	J
Nickel (Ni)	018SB01704	2.6000	MG/KG	J
Nickel (Ni)	018SB00102	2.7000	MG/KG	J
Nickel (Ni)	018SB01901	2.8000	MG/KG	J
Nickel (Ni)	018SG00602	2.8000	MG/KG	J
Nickel (Ni)	018SB01101	2.9000	MG/KG	J
Nickel (Ni)	018SB01201	3.0000	MG/KG	J
Nickel (Ni)	018SB02003	3.1000	MG/KG	J
Nickel (Ni)	018SB02104	3.2000	MG/KG	J

Table 1
Chemicals Preent in Site Samples
Metals

NAME	SAMPLE_ID	RESULT	CONC_UNITS	VQUAL
Nickel (Ni)	018SG00202	3.2000	MG/KG	J
Nickel (Ni)	018SG00701	3.2000	MG/KG	J
Nickel (Ni)	018SG00104	3.3000	MG/KG	J
Nickel (Ni)	018SG00901	3.3000	MG/KG	J
Nickel (Ni)	018SG01001	3.3000	MG/KG	J
Nickel (Ni)	018SB00701	3.5000	MG/KG	J
Nickel (Ni)	018SG00401	3.5000	MG/KG	J
Nickel (Ni)	018SG00301	3.6000	MG/KG	J
Nickel (Ni)	018SG00402	3.6000	MG/KG	J
Nickel (Ni)	018SG00201	4.1000	MG/KG	
Nickel (Ni)	018SB00801	4.6000	MG/KG	
Nickel (Ni)	018SB02002	5.0000	MG/KG	J
Nickel (Ni)	018SG00603	5.1000	MG/KG	
Nickel (Ni)	018SB00901	5.4000	MG/KG	J
Nickel (Ni)	018SB00101	5.8000	MG/KG	
Nickel (Ni)	018SG00501	8.6000	MG/KG	
Nickel (Ni)	018SG00601	13.7000	MG/KG	
Potassium (K)	018SG00103	213.0000	MG/KG	J
Potassium (K)	018SG00704	213.0000	MG/KG	J
Potassium (K)	018SB01202	215.0000	MG/KG	J
Potassium (K)	018SG01003	225.0000	MG/KG	J
Potassium (K)	018SG00801	227.0000	MG/KG	J
Potassium (K)	018SB01704	228.0000	MG/KG	J
Potassium (K)	018SB01503	230.0000	MG/KG	J
Potassium (K)	018SB01504	230.0000	MG/KG	J
Potassium (K)	018SG00201	232.0000	MG/KG	J
Potassium (K)	018SB01702	235.0000	MG/KG	J
Potassium (K)	018SG00302	237.0000	MG/KG	J
Potassium (K)	018SG00703	241.0000	MG/KG	J
Potassium (K)	018SG00401	243.0000	MG/KG	J
Potassium (K)	018SG00202	245.0000	MG/KG	J
Potassium (K)	018SB00205	247.0000	MG/KG	J
Potassium (K)	018SB01501	247.0000	MG/KG	J
Potassium (K)	018SB01102	250.0000	MG/KG	J
Potassium (K)	018SG01104	266.0000	MG/KG	J
Potassium (K)	018SG01103	294.0000	MG/KG	J
Potassium (K)	018SG00803	298.0000	MG/KG	J
Potassium (K)	018SB02103	307.0000	MG/KG	J
Potassium (K)	018SB01502	312.0000	MG/KG	J
Potassium (K)	018SG00902	320.0000	MG/KG	J
Potassium (K)	018SB01103	330.0000	MG/KG	J
Potassium (K)	018SG00403	330.0000	MG/KG	J
Potassium (K)	018SG01203	356.0000	MG/KG	J
Potassium (K)	018SG00702	358.0000	MG/KG	J
Potassium (K)	018SG01002	360.0000	MG/KG	J
Potassium (K)	018SB01903	365.0000	MG/KG	J
Potassium (K)	018SG00802	382.0000	MG/KG	J
Potassium (K)	018SB02003	389.0000	MG/KG	J

Table 1
Chemicals Preent in Site Samples
Metals

NAME	SAMPLE_ID	RESULT	CONC_UNITS	VQUAL
Potassium (K)	018SG00903	392.0000	MG/KG	J
Potassium (K)	018SG00303	394.0000	MG/KG	J
Potassium (K)	018SB01302	414.0000	MG/KG	J
Potassium (K)	018SG00203	432.0000	MG/KG	J
Potassium (K)	018SG00402	437.0000	MG/KG	J
Potassium (K)	018SB01403	444.0000	MG/KG	J
Potassium (K)	018SB02002	446.0000	MG/KG	J
Potassium (K)	018SG00104	461.0000	MG/KG	J
Potassium (K)	018SB01203	515.0000	MG/KG	J
Potassium (K)	018SB02104	523.0000	MG/KG	J
Potassium (K)	018SB00703	573.0000	MG/KG	
Potassium (K)	018SB00901	691.0000	MG/KG	J
Selenium (Se)	018SG00301	0.3100	MG/KG	J
Selenium (Se)	018SB02202	0.3400	MG/KG	J
Selenium (Se)	018SG00303	0.3400	MG/KG	J
Selenium (Se)	018SG01102	0.3500	MG/KG	J
Selenium (Se)	018SG00801	0.3700	MG/KG	J
Selenium (Se)	018SG01204	0.3900	MG/KG	J
Selenium (Se)	018SB00302	0.4100	MG/KG	J
Selenium (Se)	018SB02101	0.4200	MG/KG	J
Selenium (Se)	018SB02102	0.4200	MG/KG	J
Selenium (Se)	018SB00501	0.4300	MG/KG	J
Selenium (Se)	018SG01103	0.4300	MG/KG	J
Selenium (Se)	018SG01202	0.4300	MG/KG	J
Selenium (Se)	018SB00402	0.4500	MG/KG	J
Selenium (Se)	018SB02201	0.4600	MG/KG	J
Selenium (Se)	018SG01104	0.4700	MG/KG	J
Selenium (Se)	018SB00202	0.5600	MG/KG	J
Selenium (Se)	018SB02003	0.5600	MG/KG	J
Selenium (Se)	018SB00303	0.5700	MG/KG	J
Selenium (Se)	018SB02104	0.5700	MG/KG	J
Selenium (Se)	018SB00304	0.6000	MG/KG	J
Selenium (Se)	018SB02203	0.6000	MG/KG	
Selenium (Se)	018SG00602	0.6000	MG/KG	
Selenium (Se)	018SB00205	0.6300	MG/KG	
Selenium (Se)	018SG00403	0.6400	MG/KG	
Selenium (Se)	018SG00903	0.6700	MG/KG	
Selenium (Se)	018SB00306	0.6800	MG/KG	
Selenium (Se)	018SG00401	0.6900	MG/KG	
Selenium (Se)	018SG00402	0.7000	MG/KG	
Selenium (Se)	018SG00502	0.7500	MG/KG	
Selenium (Se)	018SG00902	0.7700	MG/KG	
Selenium (Se)	018SB02001	0.7800	MG/KG	
Selenium (Se)	018SG00302	0.8300	MG/KG	
Selenium (Se)	018SG00601	0.8300	MG/KG	
Selenium (Se)	018SB00201	0.8400	MG/KG	J
Selenium (Se)	018SG00501	0.8600	MG/KG	
Selenium (Se)	018SB02103	0.8700	MG/KG	

Table 1
Chemicals Preent in Site Samples
Metals

NAME	SAMPLE_ID	RESULT	CONC_UNITS	VQUAL
Selenium (Se)	018SB00601	0.9400	MG/KG	
Selenium (Se)	018SB00602	0.9800	MG/KG	
Selenium (Se)	018SB00203	1.0000	MG/KG	J
Selenium (Se)	018SB00401	1.3000	MG/KG	J
Selenium (Se)	018SB02002	2.1000	MG/KG	
Silver (Ag)	018SG00201	0.3100	MG/KG	J
Silver (Ag)	018SB01101	0.4500	MG/KG	J
Silver (Ag)	018SG00701	0.4500	MG/KG	J
Silver (Ag)	018SG00301	0.7100	MG/KG	J
Silver (Ag)	018SG00401	1.1000	MG/KG	J
Silver (Ag)	018SB00101	1.4000	MG/KG	
Sodium (Na)	018SG00301	124.0000	MG/KG	J
Sodium (Na)	018SB01401	125.0000	MG/KG	J
Sodium (Na)	018SB01701	128.0000	MG/KG	J
Sodium (Na)	018SB01504	129.0000	MG/KG	J
Sodium (Na)	018SB01901	131.0000	MG/KG	J
Sodium (Na)	018SB01001	134.0000	MG/KG	J
Sodium (Na)	018SG01102	135.0000	MG/KG	J
Sodium (Na)	018SB01201	136.0000	MG/KG	J
Sodium (Na)	018SB01601	136.0000	MG/KG	J
Sodium (Na)	018SB00701	138.0000	MG/KG	J
Sodium (Na)	018SB01301	140.0000	MG/KG	J
Sodium (Na)	018SG00401	140.0000	MG/KG	J
Sodium (Na)	018SB01801	141.0000	MG/KG	J
Sodium (Na)	018SG00701	141.0000	MG/KG	J
Sodium (Na)	018SB01702	143.0000	MG/KG	J
Sodium (Na)	018SB01004	144.0000	MG/KG	J
Sodium (Na)	018SB01101	144.0000	MG/KG	J
Sodium (Na)	018SB01303	144.0000	MG/KG	J
Sodium (Na)	018SB01003	147.0000	MG/KG	J
Sodium (Na)	018SG01101	147.0000	MG/KG	J
Sodium (Na)	018SB02202	148.0000	MG/KG	J
Sodium (Na)	018SB01304	150.0000	MG/KG	J
Sodium (Na)	018SG01104	150.0000	MG/KG	J
Sodium (Na)	018SB01402	151.0000	MG/KG	J
Sodium (Na)	018SB01503	151.0000	MG/KG	J
Sodium (Na)	018SG00901	151.0000	MG/KG	J
Sodium (Na)	018SB00601	152.0000	MG/KG	J
Sodium (Na)	018SB01703	152.0000	MG/KG	J
Sodium (Na)	018SG01103	154.0000	MG/KG	J
Sodium (Na)	018SG00703	155.0000	MG/KG	J
Sodium (Na)	018SB01502	156.0000	MG/KG	J
Sodium (Na)	018SB01704	156.0000	MG/KG	J
Sodium (Na)	018SB02201	156.0000	MG/KG	J
Sodium (Na)	018SG01001	156.0000	MG/KG	J
Sodium (Na)	018SG01201	157.0000	MG/KG	J
Sodium (Na)	018SG01202	157.0000	MG/KG	J
Sodium (Na)	018SB00801	159.0000	MG/KG	J

Table 1
Chemicals Preent in Site Samples
Metals

NAME	SAMPLE_ID	RESULT	CONC_UNITS	VQUAL
Sodium (Na)	018SB01602	159.0000	MG/KG	J
Sodium (Na)	018SB02102	159.0000	MG/KG	J
Sodium (Na)	018SB00702	162.0000	MG/KG	J
Sodium (Na)	018SB01902	162.0000	MG/KG	J
Sodium (Na)	018SG00702	162.0000	MG/KG	J
Sodium (Na)	018SB02101	163.0000	MG/KG	J
Sodium (Na)	018SG00201	163.0000	MG/KG	J
Sodium (Na)	018SB01002	166.0000	MG/KG	J
Sodium (Na)	018SG00704	166.0000	MG/KG	J
Sodium (Na)	018SG00501	167.0000	MG/KG	J
Sodium (Na)	018SG00103	169.0000	MG/KG	J
Sodium (Na)	018SB01102	170.0000	MG/KG	J
Sodium (Na)	018SB01904	170.0000	MG/KG	J
Sodium (Na)	018SB01104	171.0000	MG/KG	J
Sodium (Na)	018SB01501	171.0000	MG/KG	J
Sodium (Na)	018SG00601	171.0000	MG/KG	J
Sodium (Na)	018SB02103	172.0000	MG/KG	J
Sodium (Na)	018SG00101	172.0000	MG/KG	J
Sodium (Na)	018SB00704	174.0000	MG/KG	J
Sodium (Na)	018SB01202	174.0000	MG/KG	J
Sodium (Na)	018SB01302	177.0000	MG/KG	J
Sodium (Na)	018SB01903	177.0000	MG/KG	J
Sodium (Na)	018SG00302	177.0000	MG/KG	J
Sodium (Na)	018SG00801	177.0000	MG/KG	J
Sodium (Na)	018SG00404	179.0000	MG/KG	J
Sodium (Na)	018SG00504	180.0000	MG/KG	J
Sodium (Na)	018SB01404	182.0000	MG/KG	J
Sodium (Na)	018SG00403	183.0000	MG/KG	J
Sodium (Na)	018SG00304	184.0000	MG/KG	J
Sodium (Na)	018SG00902	186.0000	MG/KG	J
Sodium (Na)	018SG00303	188.0000	MG/KG	J
Sodium (Na)	018SG00903	188.0000	MG/KG	J
Sodium (Na)	018SG01203	190.0000	MG/KG	J
Sodium (Na)	018SG00104	193.0000	MG/KG	J
Sodium (Na)	018SG01204	194.0000	MG/KG	J
Sodium (Na)	018SB01204	195.0000	MG/KG	J
Sodium (Na)	018SG00904	195.0000	MG/KG	J
Sodium (Na)	018SG00503	196.0000	MG/KG	J
Sodium (Na)	018SG00202	197.0000	MG/KG	J
Sodium (Na)	018SG00204	199.0000	MG/KG	J
Sodium (Na)	018SB01103	200.0000	MG/KG	J
Sodium (Na)	018SB01403	202.0000	MG/KG	J
Sodium (Na)	018SB00602	204.0000	MG/KG	J
Sodium (Na)	018SB01203	204.0000	MG/KG	J
Sodium (Na)	018SB02204	204.0000	MG/KG	J
Sodium (Na)	018SG00402	204.0000	MG/KG	J
Sodium (Na)	018SG01004	204.0000	MG/KG	J
Sodium (Na)	018SG00803	206.0000	MG/KG	J

Table 1
Chemicals Preent in Site Samples
Metals

NAME	SAMPLE_ID	RESULT	CONC_UNITS	VQUAL
Sodium (Na)	018SB01802	208.0000	MG/KG	J
Sodium (Na)	018SG01002	209.0000	MG/KG	J
Sodium (Na)	018SB02001	210.0000	MG/KG	J
Sodium (Na)	018SG00802	210.0000	MG/KG	J
Sodium (Na)	018SG00102	211.0000	MG/KG	J
Sodium (Na)	018SB00603	217.0000	MG/KG	J
Sodium (Na)	018SB00804	217.0000	MG/KG	J
Sodium (Na)	018SB02203	220.0000	MG/KG	J
Sodium (Na)	018SG01003	225.0000	MG/KG	J
Sodium (Na)	018SB01804	227.0000	MG/KG	J
Sodium (Na)	018SG00602	235.0000	MG/KG	J
Sodium (Na)	018SB00604	236.0000	MG/KG	J
Sodium (Na)	018SB00703	237.0000	MG/KG	J
Sodium (Na)	018SG00203	245.0000	MG/KG	J
Sodium (Na)	018SB00803	259.0000	MG/KG	
Sodium (Na)	018SG00502	263.0000	MG/KG	
Sodium (Na)	018SB02104	265.0000	MG/KG	J
Sodium (Na)	018SB00802	293.0000	MG/KG	
Sodium (Na)	018SB00306	300.0000	MG/KG	
Sodium (Na)	018SG00603	330.0000	MG/KG	
Sodium (Na)	018SB01803	338.0000	MG/KG	
Sodium (Na)	018SG00604	344.0000	MG/KG	
Sodium (Na)	018SB02002	598.0000	MG/KG	
Sodium (Na)	018SB02003	618.0000	MG/KG	
Sodium (Na)	018SB00901	3070.0000	MG/KG	
Thallium (Tl)	018SG00403	0.3900	MG/KG	J
Thallium (Tl)	018SB01501	0.4000	MG/KG	J
Thallium (Tl)	018SB00802	0.4200	MG/KG	J
Thallium (Tl)	018SG00402	0.4200	MG/KG	J
Thallium (Tl)	018SB01502	0.4600	MG/KG	J
Thallium (Tl)	018SB00101	0.4700	MG/KG	J
Thallium (Tl)	018SB00102	0.4900	MG/KG	J
Thallium (Tl)	018SB00701	0.5200	MG/KG	J
Thallium (Tl)	018SG01104	0.5300	MG/KG	J
Thallium (Tl)	018SB00601	0.5400	MG/KG	J
Thallium (Tl)	018SB00602	0.5700	MG/KG	J
Thallium (Tl)	018SB00702	0.6400	MG/KG	J
Thallium (Tl)	018SB01504	0.7400	MG/KG	J
Thallium (Tl)	018SB00703	0.8900	MG/KG	J
Tin (Sn)	018SB00205	1.1000	MG/KG	J
Tin (Sn)	018SB01704	4.5000	MG/KG	J
Tin (Sn)	018SG00601	10.9000	MG/KG	
Tin (Sn)	018SG00202	24.5000	MG/KG	
Vanadium (V)	018SB02202	3.8000	MG/KG	
Vanadium (V)	018SB00101	4.6000	MG/KG	
Vanadium (V)	018SB00102	5.2000	MG/KG	
Vanadium (V)	018SB02101	5.9000	MG/KG	
Vanadium (V)	018SB00305	7.0000	MG/KG	

Table 1
Chemicals Preent in Site Samples
Metals

NAME	SAMPLE_ID	RESULT	CONC_UNITS	VQUAL
Vanadium (V)	018SG00603	7.1000	MG/KG	
Vanadium (V)	018SB02204	7.4000	MG/KG	
Vanadium (V)	018SG00904	7.9000	MG/KG	
Vanadium (V)	018SG00101	8.0000	MG/KG	J
Vanadium (V)	018SG01001	8.0000	MG/KG	
Vanadium (V)	018SB01602	8.2000	MG/KG	
Vanadium (V)	018SB00505	8.3000	MG/KG	
Vanadium (V)	018SG01204	8.3000	MG/KG	
Vanadium (V)	018SB00604	8.7000	MG/KG	
Vanadium (V)	018SB02102	8.8000	MG/KG	
Vanadium (V)	018SB01104	9.0000	MG/KG	
Vanadium (V)	018SG00304	9.2000	MG/KG	
Vanadium (V)	018SB01801	9.5000	MG/KG	
Vanadium (V)	018SB01601	9.6000	MG/KG	
Vanadium (V)	018SB01204	9.7000	MG/KG	
Vanadium (V)	018SG00404	10.0000	MG/KG	
Vanadium (V)	018SB01404	10.1000	MG/KG	
Vanadium (V)	018SG00503	10.1000	MG/KG	
Vanadium (V)	018SG00602	10.2000	MG/KG	
Vanadium (V)	018SB02201	10.3000	MG/KG	
Vanadium (V)	018SB00802	10.5000	MG/KG	
Vanadium (V)	018SB01802	10.5000	MG/KG	
Vanadium (V)	018SG00601	10.5000	MG/KG	J
Vanadium (V)	018SB01101	10.6000	MG/KG	
Vanadium (V)	018SB01904	10.6000	MG/KG	
Vanadium (V)	018SG01003	10.6000	MG/KG	
Vanadium (V)	018SG01101	10.6000	MG/KG	
Vanadium (V)	018SG01102	11.1000	MG/KG	
Vanadium (V)	018SG00704	11.3000	MG/KG	J
Vanadium (V)	018SB01001	11.4000	MG/KG	
Vanadium (V)	018SG01004	11.5000	MG/KG	
Vanadium (V)	018SB01804	11.8000	MG/KG	
Vanadium (V)	018SB01503	12.1000	MG/KG	
Vanadium (V)	018SG00604	12.1000	MG/KG	
Vanadium (V)	018SB01303	12.3000	MG/KG	
Vanadium (V)	018SG00504	12.4000	MG/KG	
Vanadium (V)	018SG00803	12.4000	MG/KG	
Vanadium (V)	018SG00901	12.6000	MG/KG	
Vanadium (V)	018SB00704	12.8000	MG/KG	
Vanadium (V)	018SG00301	12.8000	MG/KG	
Vanadium (V)	018SG00703	12.9000	MG/KG	J
Vanadium (V)	018SG00204	13.0000	MG/KG	J
Vanadium (V)	018SB01201	13.1000	MG/KG	
Vanadium (V)	018SG01201	13.2000	MG/KG	
Vanadium (V)	018SB01002	13.3000	MG/KG	
Vanadium (V)	018SB00304	13.4000	MG/KG	
Vanadium (V)	018SB00403	13.4000	MG/KG	
Vanadium (V)	018SB00503	13.5000	MG/KG	

Table 1
Chemicals Preent in Site Samples
Metals

NAME	SAMPLE_ID	RESULT	CONC_UNITS	VQUAL
Vanadium (V)	018SB01003	13.6000	MG/KG	
Vanadium (V)	018SB00501	14.2000	MG/KG	
Vanadium (V)	018SG00201	14.3000	MG/KG	J
Vanadium (V)	018SB01301	14.4000	MG/KG	
Vanadium (V)	018SB01304	14.4000	MG/KG	
Vanadium (V)	018SB00803	14.5000	MG/KG	
Vanadium (V)	018SG00104	14.5000	MG/KG	J
Vanadium (V)	018SB01701	14.6000	MG/KG	
Vanadium (V)	018SB01703	14.7000	MG/KG	
Vanadium (V)	018SB01901	14.7000	MG/KG	
Vanadium (V)	018SG00501	14.8000	MG/KG	
Vanadium (V)	018SG00701	14.9000	MG/KG	J
Vanadium (V)	018SB01502	15.2000	MG/KG	
Vanadium (V)	018SB02001	15.4000	MG/KG	
Vanadium (V)	018SG01202	15.5000	MG/KG	
Vanadium (V)	018SB01401	16.0000	MG/KG	J
Vanadium (V)	018SB00603	16.1000	MG/KG	
Vanadium (V)	018SB01702	16.1000	MG/KG	
Vanadium (V)	018SG01103	16.4000	MG/KG	
Vanadium (V)	018SB02203	16.7000	MG/KG	
Vanadium (V)	018SB01902	16.8000	MG/KG	
Vanadium (V)	018SG01203	16.9000	MG/KG	
Vanadium (V)	018SB00804	17.0000	MG/KG	
Vanadium (V)	018SB01202	17.1000	MG/KG	
Vanadium (V)	018SB00301	17.2000	MG/KG	
Vanadium (V)	018SG00202	17.4000	MG/KG	J
Vanadium (V)	018SG00303	17.8000	MG/KG	
Vanadium (V)	018SG00801	17.8000	MG/KG	
Vanadium (V)	018SG00401	17.9000	MG/KG	
Vanadium (V)	018SB00306	18.0000	MG/KG	
Vanadium (V)	018SB01103	18.1000	MG/KG	
Vanadium (V)	018SB01102	18.4000	MG/KG	
Vanadium (V)	018SG00103	18.4000	MG/KG	J
Vanadium (V)	018SG00203	18.4000	MG/KG	J
Vanadium (V)	018SB01704	19.1000	MG/KG	
Vanadium (V)	018SB02003	19.2000	MG/KG	
Vanadium (V)	018SB00801	19.4000	MG/KG	
Vanadium (V)	018SB00504	20.1000	MG/KG	
Vanadium (V)	018SG00102	20.1000	MG/KG	J
Vanadium (V)	018SB00302	20.8000	MG/KG	
Vanadium (V)	018SB01004	21.2000	MG/KG	
Vanadium (V)	018SB00502	21.5000	MG/KG	
Vanadium (V)	018SB01402	21.6000	MG/KG	J
Vanadium (V)	018SG00502	21.6000	MG/KG	
Vanadium (V)	018SG01104	21.6000	MG/KG	
Vanadium (V)	018SG00302	21.8000	MG/KG	
Vanadium (V)	018SB01903	22.0000	MG/KG	
Vanadium (V)	018SB01501	22.3000	MG/KG	

Table 1
Chemicals Preent in Site Samples
Metals

NAME	SAMPLE_ID	RESULT	CONC_UNITS	VQUAL
Vanadium (V)	018SG00802	22.5000	MG/KG	
Vanadium (V)	018SB00204	22.8000	MG/KG	
Vanadium (V)	018SB00205	23.0000	MG/KG	
Vanadium (V)	018SG00702	23.0000	MG/KG	J
Vanadium (V)	018SB00601	23.5000	MG/KG	
Vanadium (V)	018SB00103	24.2000	MG/KG	
Vanadium (V)	018SG00903	24.5000	MG/KG	
Vanadium (V)	018SG01002	25.0000	MG/KG	
Vanadium (V)	018SG00402	25.3000	MG/KG	
Vanadium (V)	018SB01504	25.9000	MG/KG	
Vanadium (V)	018SB02103	25.9000	MG/KG	
Vanadium (V)	018SB00901	26.3000	MG/KG	
Vanadium (V)	018SB02104	26.4000	MG/KG	
Vanadium (V)	018SB00202	27.0000	MG/KG	
Vanadium (V)	018SG00403	27.2000	MG/KG	
Vanadium (V)	018SG00902	27.4000	MG/KG	
Vanadium (V)	018SB00303	28.1000	MG/KG	
Vanadium (V)	018SB01203	28.1000	MG/KG	
Vanadium (V)	018SB00402	29.2000	MG/KG	
Vanadium (V)	018SB00701	29.9000	MG/KG	
Vanadium (V)	018SB00201	30.7000	MG/KG	
Vanadium (V)	018SB01302	31.0000	MG/KG	
Vanadium (V)	018SB00602	32.5000	MG/KG	
Vanadium (V)	018SB01803	35.2000	MG/KG	
Vanadium (V)	018SB00702	35.4000	MG/KG	
Vanadium (V)	018SB00203	36.4000	MG/KG	
Vanadium (V)	018SB00703	37.1000	MG/KG	
Vanadium (V)	018SB00401	38.4000	MG/KG	
Vanadium (V)	018SB02002	39.5000	MG/KG	
Vanadium (V)	018SB01403	52.2000	MG/KG	
Zinc (Zn)	018SB01804	2.1000	MG/KG	J
Zinc (Zn)	018SB01404	3.6000	MG/KG	
Zinc (Zn)	018SB01904	4.1000	MG/KG	
Zinc (Zn)	018SB01802	4.7000	MG/KG	
Zinc (Zn)	018SB01204	5.3000	MG/KG	
Zinc (Zn)	018SB00704	5.4000	MG/KG	
Zinc (Zn)	018SB01803	5.8000	MG/KG	
Zinc (Zn)	018SB01303	6.0000	MG/KG	
Zinc (Zn)	018SB00803	6.1000	MG/KG	
Zinc (Zn)	018SB00802	6.3000	MG/KG	
Zinc (Zn)	018SB00601	6.6000	MG/KG	J
Zinc (Zn)	018SG00404	6.7000	MG/KG	J
Zinc (Zn)	018SB00602	6.9000	MG/KG	J
Zinc (Zn)	018SB01503	7.0000	MG/KG	
Zinc (Zn)	018SB00804	7.1000	MG/KG	
Zinc (Zn)	018SB00604	7.3000	MG/KG	J
Zinc (Zn)	018SB00702	7.5000	MG/KG	
Zinc (Zn)	018SG00904	7.6000	MG/KG	

Table 1
Chemicals Preent in Site Samples
Metals

NAME	SAMPLE_ID	RESULT	CONC_UNITS	VQUAL
Zinc (Zn)	018SG01102	7.7000	MG/KG	J
Zinc (Zn)	018SG01104	7.7000	MG/KG	J
Zinc (Zn)	018SB01104	7.9000	MG/KG	
Zinc (Zn)	018SG01202	8.0000	MG/KG	
Zinc (Zn)	018SG00703	8.1000	MG/KG	
Zinc (Zn)	018SB01703	8.2000	MG/KG	
Zinc (Zn)	018SB01903	8.4000	MG/KG	
Zinc (Zn)	018SG01103	8.6000	MG/KG	J
Zinc (Zn)	018SB01502	9.3000	MG/KG	
Zinc (Zn)	018SB01403	9.7000	MG/KG	
Zinc (Zn)	018SG00704	9.9000	MG/KG	
Zinc (Zn)	018SG00403	10.0000	MG/KG	J
Zinc (Zn)	018SB00703	10.4000	MG/KG	
Zinc (Zn)	018SB01702	10.4000	MG/KG	
Zinc (Zn)	018SG00303	10.6000	MG/KG	J
Zinc (Zn)	018SG01203	11.2000	MG/KG	
Zinc (Zn)	018SB02201	11.5000	MG/KG	
Zinc (Zn)	018SG00604	11.7000	MG/KG	J
Zinc (Zn)	018SG00203	11.9000	MG/KG	
Zinc (Zn)	018SB00306	12.7000	MG/KG	J
Zinc (Zn)	018SB01103	12.8000	MG/KG	
Zinc (Zn)	018SG00702	12.8000	MG/KG	
Zinc (Zn)	018SG00302	12.9000	MG/KG	J
Zinc (Zn)	018SB01304	13.0000	MG/KG	
Zinc (Zn)	018SB01202	13.5000	MG/KG	
Zinc (Zn)	018SG00402	13.9000	MG/KG	J
Zinc (Zn)	018SG00504	13.9000	MG/KG	J
Zinc (Zn)	018SG00803	14.1000	MG/KG	
Zinc (Zn)	018SB01203	14.2000	MG/KG	
Zinc (Zn)	018SB01003	14.4000	MG/KG	
Zinc (Zn)	018SG00802	14.4000	MG/KG	
Zinc (Zn)	018SG00603	15.1000	MG/KG	J
Zinc (Zn)	018SG00903	15.2000	MG/KG	
Zinc (Zn)	018SB02104	15.4000	MG/KG	
Zinc (Zn)	018SB00101	15.6000	MG/KG	J
Zinc (Zn)	018SB02002	16.0000	MG/KG	
Zinc (Zn)	018SB02003	16.1000	MG/KG	
Zinc (Zn)	018SG00503	16.1000	MG/KG	J
Zinc (Zn)	018SB01004	16.2000	MG/KG	
Zinc (Zn)	018SB01302	16.4000	MG/KG	
Zinc (Zn)	018SB01504	17.0000	MG/KG	
Zinc (Zn)	018SB00103	17.1000	MG/KG	J
Zinc (Zn)	018SG00104	17.4000	MG/KG	
Zinc (Zn)	018SB00301	18.2000	MG/KG	J
Zinc (Zn)	018SG00103	19.2000	MG/KG	
Zinc (Zn)	018SB01902	19.5000	MG/KG	
Zinc (Zn)	018SG00502	20.1000	MG/KG	J
Zinc (Zn)	018SB01102	20.2000	MG/KG	

Table 1
Chemicals Preent in Site Samples
Metals

NAME	SAMPLE_ID	RESULT	CONC_UNITS	VQUAL
Zinc (Zn)	018SG00102	20.2000	MG/KG	
Zinc (Zn)	018SB00401	20.5000	MG/KG	J
Zinc (Zn)	018SG01204	20.8000	MG/KG	
Zinc (Zn)	018SG01201	21.7000	MG/KG	
Zinc (Zn)	018SB01402	23.2000	MG/KG	
Zinc (Zn)	018SG00801	26.7000	MG/KG	
Zinc (Zn)	018SG00902	28.9000	MG/KG	
Zinc (Zn)	018SG00101	32.8000	MG/KG	
Zinc (Zn)	018SB01001	35.2000	MG/KG	
Zinc (Zn)	018SG00204	35.4000	MG/KG	
Zinc (Zn)	018SB01002	37.3000	MG/KG	
Zinc (Zn)	018SB01801	37.7000	MG/KG	
Zinc (Zn)	018SB00501	38.0000	MG/KG	J
Zinc (Zn)	018SG01003	40.1000	MG/KG	
Zinc (Zn)	018SG01101	43.9000	MG/KG	J
Zinc (Zn)	018SB01301	44.3000	MG/KG	
Zinc (Zn)	018SB00801	49.7000	MG/KG	
Zinc (Zn)	018SB00201	50.3000	MG/KG	J
Zinc (Zn)	018SB00701	56.8000	MG/KG	
Zinc (Zn)	018SB01701	61.5000	MG/KG	
Zinc (Zn)	018SG01004	63.9000	MG/KG	
Zinc (Zn)	018SG01002	64.3000	MG/KG	
Zinc (Zn)	018SB01601	78.1000	MG/KG	
Zinc (Zn)	018SG00401	87.7000	MG/KG	J
Zinc (Zn)	018SG00602	93.2000	MG/KG	J
Zinc (Zn)	018SG00301	94.6000	MG/KG	J
Zinc (Zn)	018SB01901	105.0000	MG/KG	
Zinc (Zn)	018SG00701	118.0000	MG/KG	
Zinc (Zn)	018SB01201	132.0000	MG/KG	
Zinc (Zn)	018SB01401	135.0000	MG/KG	
Zinc (Zn)	018SB01602	137.0000	MG/KG	
Zinc (Zn)	018SB01704	138.0000	MG/KG	
Zinc (Zn)	018SG00501	154.0000	MG/KG	J
Zinc (Zn)	018SB01101	161.0000	MG/KG	
Zinc (Zn)	018SG00201	188.0000	MG/KG	
Zinc (Zn)	018SG00901	191.0000	MG/KG	
Zinc (Zn)	018SB00901	245.0000	MG/KG	
Zinc (Zn)	018SG00202	276.0000	MG/KG	
Zinc (Zn)	018SB01501	367.0000	MG/KG	
Zinc (Zn)	018SG00601	1010.0000	MG/KG	J
Zinc (Zn)	018SG01001	1220.0000	MG/KG	

APPENDIX C

SEDIMENT/SURFACE WATER DATA

DATALCP3
12/04/96

NAVAL WEAPONS STATION
NAVAL WEAPONS STATION (SOIL)
SEDIMENT SAMPLES

Time: 15:54

CYANIDE													
	SAMPLE ID ------->	018-M-0001-01		018-M-0002-01		018-M-0003-01		018-M-0004-01		018-M-D001-01		018-M-D002-01	
	ORIGINAL ID ----->	018M000101		018M000201		018M000301		018M000401		018MD00101		018MD00201	
	LAB SAMPLE ID --->	26473.11		26473.12		26473.13		26473.14		26489.02		26489.03	
	ID FROM REPORT -->	018M000101		018M000201		018M000301		018M000401		018MD00101		018MD00201	
	SAMPLE DATE ----->	07/30/96		07/30/96		07/30/96		07/30/96		07/31/96		07/31/96	
	DATE EXTRACTED -->	08/08/96		08/08/96		08/08/96		08/08/96		08/08/96		08/08/96	
	DATE ANALYZED --->	08/10/96		08/10/96		08/10/96		08/10/96		08/10/96		08/10/96	
	MATRIX ---------->	Sediment		Sediment		Sediment		Sediment		Sediment		Sediment	
	UNITS ---------->	MG/KG	A	MG/KG	A	MG/KG	A	MG/KG	A	MG/KG	A	MG/KG	A
CAS #	Parameter	26473	VAL	26473	VAL	26473	VAL	26473	VAL	26473	VAL	26473	VAL
57-12-5	Cyanide (CN)	0.43	U	0.13	U	0.51	U	0.67	U	0.14	U	0.15	U

NAVAL WEAPONS STATION
NAVAL WEAPONS STATION (SOIL)
SEDIMENT SAMPLES

CYANIDE											
	SAMPLE ID ------->	018-M-D003-01		018-M-D004-01		018-M-D005-01		018-M-D006-01		018-M-D007-01	
	ORIGINAL ID ----->	018MD00301		018MD00401		018MD00501		018MD00601		018MD00701	
	LAB SAMPLE ID --->	26612.01		26612.02		26612.03		26612.04		27164.02	
	ID FROM REPORT -->	018MD00301		018MD00401		018MD00501		018MD00601		018MD00701	
	SAMPLE DATE ----->	08/13/96		08/13/96		08/13/96		08/13/96		10/01/96	
	DATE EXTRACTED -->	08/20/96		08/20/96		08/20/96		08/20/96		10/07/96	
	DATE ANALYZED --->	08/24/96		08/24/96		08/24/96		08/24/96		10/09/96	
	MATRIX ---------->	Sediment		Sediment		Sediment		Sediment		Sediment	
	UNITS ---------->	MG/KG	A	MG/KG	A	MG/KG	A	MG/KG	A	MG/KG	A
CAS #	Parameter	26612	VAL	26612	VAL	26612	VAL	26612	VAL	27108	VAL
57-12-5	Cyanide (CN)	0.12	U	0.11	U	0.16	U	0.14	J	0.14	J

DATALCP3
12/04/96

NAVAL WEAPONS STATION
NAVAL WEAPONS STATION (SOIL)
SEDIMENT SAMPLES

EXPLOSIVES													
	SAMPLE ID ------->	018-M-0001-01		018-M-0002-01		018-M-0003-01		018-M-0004-01		018-M-D001-01		018-M-D002-01	
	ORIGINAL ID ----->	018M000101		018M000201		018M000301		018M000401		018MD00101		018MD00201	
	LAB SAMPLE ID --->	5985-10		5985-12		5985-13		5985-14		5995-02		5995-03	
	ID FROM REPORT -->	018M000101		018M000201		018M000301		018M000401		018MD00101		018MD00201	
	SAMPLE DATE ----->	07/30/96		07/30/96		07/30/96		07/30/96		07/31/96		07/31/96	
	DATE EXTRACTED -->	08/08/96		08/08/96		08/08/96		08/08/96		08/08/96		08/08/96	
	DATE ANALYZED --->	08/22/96		08/22/96		08/22/96		08/22/96		08/22/96		08/22/96	
	MATRIX ---------->	Sediment		Sediment		Sediment		Sediment		Sediment		Sediment	
	UNITS ---------->	UG/KG	A	UG/KG	A	UG/KG	A	UG/KG	A	UG/KG	A	UG/KG	A
CAS #	Parameter	5985	VAL	5985	VAL	5985	VAL	5985	VAL	5985	VAL	5985	VAL
118-96-7	Trinitrotoluene, 2,4,6- (TNT)	500.	U	495.	U	498.	U	500.	U	493.	U	493.	U
121-14-2	2,4-Dinitrotoluene	500.	U	495.	U	498.	U	500.	U	493.	U	493.	U
121-82-4	RDX (Cyclonite)	500.	U	495.	U	498.	U	500.	U	493.	U	493.	U
25377-32-6	1,3,5-Trinitrobenzene	500.	U	495.	U	498.	U	500.	U	493.	U	493.	U
2691-41-0	HMX	500.	U	495.	U	498.	U	500.	U	493.	U	493.	U

NAVAL WEAPONS STATION
NAVAL WEAPONS STATION (SOIL)
SEDIMENT SAMPLES

EXPLOSIVES											
	SAMPLE ID ------->	018-M-D003-01		018-M-D004-01		018-M-D005-01		018-M-D006-01			
	ORIGINAL ID ----->	018MD00301		018MD00401		018MD00501		018MD00601			
	LAB SAMPLE ID --->	6055-01		6055-02		6055-03		6055-04			
	ID FROM REPORT -->	018MD00301		018MD00401		018MD00501		018MD00601			
	SAMPLE DATE ----->	08/13/96		08/13/96		08/13/96		08/13/96			
	DATE EXTRACTED -->	08/20/96		08/20/96		08/20/96		08/20/96			
	DATE ANALYZED --->	08/27/96		08/27/96		08/27/96		08/27/96			
	MATRIX ---------->	Sediment		Sediment		Sediment		Sediment			
	UNITS ---------->	UG/KG	A	UG/KG	A	UG/KG	A	UG/KG	A		
CAS #	Parameter	6055	VAL	6055	VAL	6055	VAL	6055	VAL		
118-96-7	Trinitrotoluene, 2,4,6- (TNT)	498.	U	498.	U	495.	U	500.	U		
121-14-2	2,4-Dinitrotoluene	498.	U	498.	U	495.	U	500.	U		
121-82-4	RDX (Cyclonite)	498.	U	498.	U	495.	U	500.	U		
25377-32-6	1,3,5-Trinitrobenzene	498.	U	498.	U	495.	U	500.	U		
2691-41-0	HMX	498.	U	498.	U	495.	U	500.	U		

DATALCP3
12/04/96

NAVAL WEAPONS STATION
NAVAL WEAPONS STATION
SEDIMENT SAMPLES

EXPLOSIVES							
	SAMPLE ID ------->	018-M-D007-01					
	ORIGINAL ID ----->	018MD00701					
	LAB SAMPLE ID --->	6356-03					
	ID FROM REPORT -->	018MD00701					
	SAMPLE DATE ----->	10/01/96					
	DATE EXTRACTED -->	10/07/96					
	DATE ANALYZED --->	10/17/96					
	MATRIX ---------->	Sediment					
	UNITS ---------->	UG/KG	A				
CAS #	Parameter	6329	VAL				
118-96-7	Trinitrotoluene, 2,4,6- (TNT)	500.	U				
121-14-2	2,4-Dinitrotoluene	500.	U				
121-82-4	RDX (Cyclonite)	500.	U				
1946-51-0	4-AM-DNT	500.	U				
25377-32-6	1,3,5-Trinitrobenzene	500.	U				

NAVAL WEAPONS STATION
NAVAL WEAPONS STATION (SOIL)
SEDIMENT SAMPLES

NITRATE													
	SAMPLE ID ------->	018-M-0001-01		018-M-0002-01		018-M-0003-01		018-M-0004-01		018-M-D001-01		018-M-D002-01	
	ORIGINAL ID ----->	018M000101		018M00201		018M000301		018M000401		018MD00101		018MD00201	
	LAB SAMPLE ID --->	26473.11		26473.12		26473.13		26473.14		26489.02		26489.03	
	ID FROM REPORT -->	018M000101		018M00201		018M000301		018M000401		018MD00101		018MD00201	
	SAMPLE DATE ----->	07/30/96		07/30/96		07/30/96		07/30/96		07/31/96		07/31/96	
	DATE ANALYZED --->	08/18/96		08/18/96		08/18/96		08/18/96		08/18/96		08/18/96	
	MATRIX ---------->	Sediment		Sediment		Sediment		Sediment		Sediment		Sediment	
	UNITS ---------->	MG/KG	A	MG/KG	A	MG/KG	A	MG/KG	A	MG/KG	A	MG/KG	A
CAS #	Parameter	26473	VAL	26473	VAL	26473	VAL	26473	VAL	26473	VAL	26473	VAL
9999000-01-1	Nitrate-Nitrite-N	3.42	U	1.34	U	3.58	U	5.8	U	1.25	U	1.15	U

NAVAL WEAPONS STATION
NAVAL WEAPONS STATION (SOIL)
SEDIMENT SAMPLES

NITRATE											
	SAMPLE ID ------->	018-M-D003-01		018-M-D004-01		018-M-D005-01		018-M-D006-01			
	ORIGINAL ID ----->	018MD00301		018MD00401		018MD00501		018MD00601			
	LAB SAMPLE ID --->	26612.01		26612.02		26612.03		26612.04			
	ID FROM REPORT -->	018MD00301		018MD00401		018MD00501		018MD00601			
	SAMPLE DATE ----->	08/13/96		08/13/96		08/13/96		08/13/96			
	DATE ANALYZED --->	09/04/96		09/04/96		09/04/96		09/04/96			
	MATRIX ---------->	Sediment		Sediment		Sediment		Sediment			
	UNITS ---------->	MG/KG	A	MG/KG	A	MG/KG	A	MG/KG	A		
CAS #	Parameter	26612	VAL	26612	VAL	26612	VAL	26612	VAL		
9999000-01-1	Nitrate-Nitrite-N	1.18	U	1.1	U	1.56	U	1.08	U		

NAVAL WEAPONS STATION
NAVAL WEAPONS STATION (SOIL)
SEDIMENT SAMPLES

PHOSPHORUS													
	SAMPLE ID ------->	018-M-0001-01		018-M-0002-01		018-M-0003-01		018-M-0004-01		018-M-D001-01		018-M-D002-01	
	ORIGINAL ID ----->	018M000201		018M000201		018M000301		018M000401		018MD00101		018MD00201	
	LAB SAMPLE ID --->	26473.11		26473.12		26473.13		26473.14		26489.02		26489.03	
	ID FROM REPORT -->	018MO00101		018MO00201		018MO00301		018MO00401		018MD00101		018MD00201	
	SAMPLE DATE ----->	07/30/96		07/30/96		07/30/96		07/30/96		07/31/96		07/31/96	
	DATE EXTRACTED -->	08/12/96		08/12/96		08/12/96		08/12/96		08/19/96		08/19/96	
	DATE ANALYZED --->	08/13/96		08/13/96		08/13/96		08/13/96		08/21/96		08/21/96	
	MATRIX ---------->	Sediment		Sediment		Sediment		Sediment		Sediment		Sediment	
	UNITS ---------->	MG/KG	A	MG/KG	A	MG/KG	A	MG/KG	A	MG/KG	A	MG/KG	A
CAS #	Parameter	26473	VAL	26473	VAL	26473	VAL	26473	VAL	26473	VAL	26473	VAL
7723-14-0	Phosphorus	359.		103.		591.		632.		58.3		103.	

NAVAL WEAPONS STATION
NAVAL WEAPONS STATION (SOIL)
SEDIMENT SAMPLES

PHOSPHORUS													
	SAMPLE ID ------->	018-M-D003-01		018-M-D004-01		018-M-D005-01		018-M-D006-01					
	ORIGINAL ID ----->	018MD00301		018MD00401		018MD00501		018MD00601					
	LAB SAMPLE ID --->	26612.01		26612.02		26612.03		26612.04					
	ID FROM REPORT -->	018MD00301		018MD00401		018MD00501		018MD00601					
	SAMPLE DATE ----->	08/13/96		08/13/96		08/13/96		08/13/96					
	DATE EXTRACTED -->	08/19/96		08/19/96		08/19/96		08/19/96					
	DATE ANALYZED --->	08/21/96		08/21/96		08/21/96		08/21/96					
	MATRIX ---------->	Sediment		Sediment		Sediment		Sediment					
	UNITS ---------->	MG/KG	A	MG/KG	A	MG/KG	A	MG/KG	A				
CAS #	Parameter	26612	VAL	26612	VAL	26612	VAL	26612	VAL				
7723-14-0	Phosphorus	152.		78.		95.9		70.5					

NAVAL WEAPONS STATION
NAVAL WEAPONS STATION (SOIL)
SEDIMENT SAMPLES

SW846-META													
	SAMPLE ID ------->	018-M-0001-01		018-M-0002-01		018-M-0003-01		018-M-0004-01		018-M-D001-01		018-M-D002-01	
	ORIGINAL ID ----->	018M000101		018M000201		018M000301		018M000401		018MD00101		018MD00201	
	LAB SAMPLE ID --->	26473.11		26473.12		26473.13		26473.14		26489.02		26489.03	
	ID FROM REPORT -->	018M000101		018M000201		018M000301		018M000401		018MD00101		018MD00201	
	SAMPLE DATE ----->	07/30/96		07/30/96		07/30/96		07/30/96		07/31/96		07/31/96	
	DATE EXTRACTED -->	08/18/96		08/18/96		08/18/96		08/18/96		08/18/96		08/18/96	
	DATE ANALYZED --->	08/19/96		08/19/96		08/19/96		08/18/96		08/18/96		08/18/96	
	MATRIX ---------->	Sediment		Sediment		Sediment		Sediment		Sediment		Sediment	
	UNITS ---------->	MG/KG	A	MG/KG	A	MG/KG	A	MG/KG	A	MG/KG	A	MG/KG	A
CAS #	Parameter	26473	VAL	26473	VAL	26473	VAL	26473	VAL	26473	VAL	26473	VAL
7429-90-5	Aluminum (Al)	5930.		2890.		6020.		11700.		4560.		4960.	
7440-36-0	Antimony (Sb)	1.	UJ	0.53	UJ	1.2	UJ	1.7	UJ	1.1	UJ	0.92	UJ
7440-38-2	Arsenic (As)	3.7	J	2.4	J	3.9	J	11.6	J	2.4	J	2.6	J
7440-39-3	Barium (Ba)	1250.	J	109.	J	873.	J	125.	J	43.7	J	63.	J
7440-41-7	Beryllium (Be)	0.39	J	0.2	J	0.42	J	1.	J	0.22	J	0.24	

NAVAL WEAPONS STATION
NAVAL WEAPONS STATION (SOIL)
SEDIMENT SAMPLES

SW846-META											
	SAMPLE ID ------->	018-M-D003-01		018-M-D004-01		018-M-D005-01		018-M-D006-01		018-M-D007-01	
	ORIGINAL ID ----->	018MD00301		018MD00401		018MD00501		018MD00601		018MD00701	
	LAB SAMPLE ID --->	26612.01		26612.02		26612.03		26612.04		27164.02	
	ID FROM REPORT -->	018MD00301		018MD00401		018MD00501		018MD00601		018MD00701	
	SAMPLE DATE ----->	08/13/96		08/13/96		08/13/96		08/13/96		10/01/96	
	DATE EXTRACTED -->	08/25/96		08/25/96		08/25/96		08/25/96		10/09/96	
	DATE ANALYZED --->	09/13/96		09/13/96		09/13/96		09/13/96		10/17/96	
	MATRIX ---------->	Sediment		Sediment		Sediment		Sediment		Sediment	
	UNITS ---------->	MG/KG	A	MG/KG	A	MG/KG	A	MG/KG	A	MG/KG	A
CAS #	Parameter	26612	VAL	26612	VAL	26612	VAL	26612	VAL	27108	VAL
7429-90-5	Aluminum (Al)	7380.		5080.		12600.		5240.		5970.	
7440-36-0	Antimony (Sb)	0.35	U	1.5	U	2.1	U	3.9	J	0.98	J
7440-38-2	Arsenic (As)	7.3	J	2.1	J	18.	J	4.7	J	5.	
7440-39-3	Barium (Ba)	17.4		60.9		132.		269.		90.	
7440-41-7	Beryllium (Be)	0.24		0.29		0.74		0.4		0.3	

NAVAL WEAPONS STATION
NAVAL WEAPONS STATION (SOIL)
SEDIMENT SAMPLES

SW846-PEST													
	SAMPLE ID ------->	018-M-0001-01		018-M-0002-01		018-M-0003-01		018-M-0004-01		018-M-D001-01		018-M-D002-01	
	ORIGINAL ID ----->	018M000101		018M000201		018M000301		018M000401		018MD00101		018MD00201	
	LAB SAMPLE ID --->	26473.11		26473.12		26473.13		26473.14		26489.02		26489.03	
	ID FROM REPORT -->	018M000101		018M000201		018M000301		018M000401		018MD00101		018MD00201	
	SAMPLE DATE ----->	07/30/96		07/30/96		07/30/96		07/30/96		07/31/96		07/31/96	
	DATE EXTRACTED -->	08/05/96		08/05/96		08/05/96		08/05/96		08/06/96		08/06/96	
	DATE ANALYZED --->	09/12/96		09/12/96		09/12/96		09/12/96		08/21/96		08/21/96	
	MATRIX ---------->	Sediment		Sediment		Sediment		Sediment		Sediment		Sediment	
	UNITS ---------->	UG/KG	A	UG/KG	A	UG/KG	A	UG/KG	A	UG/KG	A	UG/KG	A
CAS #	Parameter	26473	VAL	26473	VAL	26473	VAL	26473	VAL	26473	VAL	26473	VAL
319-84-6	alpha-BHC	4.5	U	1.8	U	4.6	U	14.		1.6	U	1.5	U
319-85-7	beta-BHC	4.5	U	1.8	U	4.6	U	8.6		1.6	U	1.5	U
319-86-8	delta-BHC	4.5	U	1.8	U	4.6	U	7.6	U	1.6	U	1.5	U
58-89-9	gamma-BHC (Lindane)	4.5	U	1.8	U	4.6	U	7.6	U	1.6	U	1.5	U
76-44-8	Heptachlor	4.5	U	1.8	U	4.6	U	7.6	U	1.6	U	1.5	U

NAVAL WEAPONS STATION
NAVAL WEAPONS STATION (SOIL)
SEDIMENT SAMPLES

SW846-PEST											
	SAMPLE ID ------->	018-M-D003-01		018-M-D004-01		018-M-D005-01		018-M-D006-01		018-M-D007-01	
	ORIGINAL ID ----->	018MD00301		018MD00401		018MD00501		018MD00601		018MD00701	
	LAB SAMPLE ID --->	26612.01		26612.02		26612.03		26612.04		27164.02	
	ID FROM REPORT -->	018MD00301		018MD00401		018MD00501		018MD00601		018MD00701	
	SAMPLE DATE ----->	08/13/96		08/13/96		08/13/96		08/13/96		10/01/96	
	DATE EXTRACTED -->	08/14/96		08/14/96		08/14/96		08/14/96		10/03/96	
	DATE ANALYZED --->	09/11/96		09/12/96		09/12/96		09/12/96		10/25/96	
	MATRIX ---------->	Sediment		Sediment		Sediment		Sediment		Sediment	
	UNITS ---------->	UG/KG	A	UG/KG	A	UG/KG	A	UG/KG	A	UG/KG	A
CAS #	Parameter	26612	VAL	26612	VAL	26612	VAL	26612	VAL	27108	VAL
319-84-6	alpha-BHC	1.5	U	1.4	UJ	2.	U	1.4	UJ	1.8	UJ
319-85-7	beta-BHC	1.5	U	1.4	UJ	2.	U	1.4	UJ	1.8	UJ
319-86-8	delta-BHC	1.5	U	1.4	UJ	2.	U	1.4	UJ	1.8	UJ
58-89-9	gamma-BHC (Lindane)	1.5	U	1.4	UJ	2.	U	1.4	UJ	1.8	UJ
76-44-8	Heptachlor	1.5	U	1.4	UJ	2.	U	1.4	UJ	1.8	UJ

NAVAL WEAPONS STATION
NAVAL WEAPONS STATION (SOIL)
SEDIMENT SAMPLES

SW846-SVOA													
	SAMPLE ID ------->	018-M-0001-01		018-M-0002-01		018-M-0003-01		018-M-0004-01		018-M-D001-01		018-M-D002-01	
	ORIGINAL ID ----->	018M000101		018M000201		018M000301		018M000401		018MD00101		018MD00201	
	LAB SAMPLE ID --->	26473.11		26473.12		26473.13		26473.14		26489.02		26489.03	
	ID FROM REPORT -->	018M000101		018M000201		018M000301		018M000401		018MD00101		018MD00201	
	SAMPLE DATE ----->	07/30/96		07/30/96		07/30/96		07/30/96		07/31/96		07/31/96	
	DATE EXTRACTED -->	08/05/96		08/05/96		08/05/96		08/05/96		08/06/96		08/06/96	
	DATE ANALYZED --->	08/22/96		08/16/96		08/16/96		08/16/96		08/21/96		08/21/96	
	MATRIX ---------->	Sediment		Sediment		Sediment		Sediment		Sediment		Sediment	
	UNITS ---------->	UG/KG	A	UG/KG	A	UG/KG	A	UG/KG	A	UG/KG	A	UG/KG	A
CAS #	Parameter	26473	VAL	26473	VAL	26473	VAL	26473	VAL	26473	VAL	26473	VAL
108-95-2	Phenol	1100.	U	440.	U	1200.	U	1900.	U	410.	U	380.	U
95-57-8	2-Chlorophenol	1100.	U	440.	U	1200.	U	1900.	U	410.	U	380.	U
106-46-7	1,4-Dichlorobenzene	1100.	U	440.	U	1200.	U	1900.	U	410.	U	380.	U
621-64-7	N-Nitroso-di-n-propylamine	1100.	U	440.	U	1200.	U	1900.	U	410.	U	380.	U
120-82-1	1,2,4-Trichlorobenzene	1100.	U	440.	U	1200.	U	1900.	U	410.	U	380.	U

NAVAL WEAPONS STATION
NAVAL WEAPONS STATION (SOIL)
SEDIMENT SAMPLES

SW846-SVOA											
	SAMPLE ID ------->	018-M-D003-01		018-M-D004-01		018-M-D005-01		018-M-D006-01		018-M-D007-01	
	ORIGINAL ID ----->	018MD00301		018MD00401		018MD00501		018MD00601		018MD00701	
	LAB SAMPLE ID --->	26612.01		26612.02		26612.03		26612.04		27164.02	
	ID FROM REPORT -->	018MD00301		018MD00401		018MD00501		018MD00601		018MD00701	
	SAMPLE DATE ----->	08/13/96		08/13/96		08/13/96		08/13/96		10/01/96	
	DATE EXTRACTED -->	08/14/96		08/14/96		08/14/96		08/14/96		10/03/96	
	DATE ANALYZED --->	09/02/96		09/03/96		08/30/96		08/30/96		10/24/96	
	MATRIX ---------->	Sediment		Sediment		Sediment		Sediment		Sediment	
	UNITS ---------->	UG/KG	A	UG/KG	A	UG/KG	A	UG/KG	A	UG/KG	A
CAS #	Parameter	26612	VAL	26612	VAL	26612	VAL	26612	VAL	27108	VAL
108-95-2	Phenol	780.	U	720.	U	1000.	U	710.	U	460.	U
95-57-8	2-Chlorophenol	780.	U	720.	U	1000.	U	710.	U	460.	U
106-46-7	1,4-Dichlorobenzene	780.	U	720.	U	1000.	U	710.	U	460.	U
621-64-7	N-Nitroso-di-n-propylamine	780.	U	720.	U	1000.	U	710.	U	460.	U
120-82-1	1,2,4-Trichlorobenzene	780.	U	720.	U	1000.	U	710.	U	460.	U

NAVAL WEAPONS STATION
NAVAL WEAPONS STATION (SOIL)
SEDIMENT SAMPLES

SW846-VOA													
	SAMPLE ID ------->	018-M-0001-01		018-M-0002-01		018-M-0003-01		018-M-0004-01 RE		018-M-D001-01		018-M-D002-01 RE	
	ORIGINAL ID ----->	018M000101		018M000201		018M000301		018M000401		018MD00101		018MD00201	
	LAB SAMPLE ID --->	26473.11		26473.12		26473.13		26473.14		26489.02		26489.03	
	ID FROM REPORT -->	018M000101		018M000201		018M000301		018M000401		018MD00101		018MD00201	
	SAMPLE DATE ----->	07/30/96		07/30/96		07/30/96		07/30/96		07/31/96		07/31/96	
	DATE ANALYZED --->	08/08/96		08/08/96		08/08/96		08/08/96		08/08/96		08/08/96	
	MATRIX ---------->	Sediment		Sediment		Sediment		Sediment		Sediment		Sediment	
	UNITS ---------->	UG/KG	A	UG/KG	A	UG/KG	A	UG/KG	A	UG/KG	A	UG/KG	A
CAS #	Parameter	26473	VAL	26473	VAL	26473	VAL	26473	VAL	26473	VAL	26473	VAL
75-01-4	Vinyl chloride	34.	U	14.	U	36.	UJ	59.	UJ	12.	U	11.	UJ
75-09-2	Methylene chloride	17.	U	7.	U	18.	UJ	29.	UJ	6.	U	6.	UJ
67-64-1	Acetone	34.	UJ	14.	UJ	67.	UJ	59.	UJ	20.	UJ	11.	UJ
75-35-4	1,1-Dichloroethene	17.	U	7.	U	18.	UJ	29.	UJ	6.	U	6.	UJ
108-05-4	Vinyl acetate	34.	UR	14.	UR	36.	UR	59.	UR	12.	UJ	11.	UJ
79-01-6	Trichloroethene	17.	U	7.	U	18.	UJ	29.	UJ	6.	U	6.	UJ

NAVAL WEAPONS STATION
NAVAL WEAPONS STATION (SOIL)
SEDIMENT SAMPLES

SW846-VOA											
	SAMPLE ID ------->	018-M-D003-01		018-M-D004-01		018-M-D005-01		018-M-D006-01		018-M-D007-01	
	ORIGINAL ID ----->	018MD00301		018MD00401		018MD00501		018MD00601		018MD00701	
	LAB SAMPLE ID --->	26612.01		26612.02		26612.03		26612.04		27164.02	
	ID FROM REPORT -->	018MD00301		018MD00401		018MD00501		018MD00601		018MD00701	
	SAMPLE DATE ----->	08/13/96		08/13/96		08/13/96		08/13/96		10/01/96	
	DATE ANALYZED --->	08/20/96		08/20/96		08/20/96		08/20/96		10/13/96	
	MATRIX ---------->	Sediment		Sediment		Sediment		Sediment		Sediment	
	UNITS ---------->	UG/KG	A	UG/KG	A	UG/KG	A	UG/KG	A	UG/KG	A
CAS #	Parameter	26612	VAL	26612	VAL	26612	VAL	26612	VAL	27108	VAL
75-01-4	Vinyl chloride	12.	U	11.	U	16.	U	11.	U	14.	U
75-09-2	Methylene chloride	8.	UJ	8.	UJ	9.	UJ	6.	UJ	5.	U
67-64-1	Acetone	19.	UJ	27.	UJ	48.	UJ	31.	UJ	14.	U
75-35-4	1,1-Dichloroethene	6.	U	5.	U	8.	U	5.	U	7.	U
108-05-4	Vinyl acetate	12.	U	11.	U	16.	U	11.	U	14.	U
79-01-6	Trichloroethene	6.	U	5.	U	8.	U	5.	U	7.	U

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NAVAL WEAPONS STATION
NAVAL WEAPONS STATION
SURFACE WATER SAMPLES

APX9 SVOA									
	SAMPLE ID ------->	018-W-D001-01		018-W-D007-01					
	ORIGINAL ID ----->	018WD00101		018WD00701					
	LAB SAMPLE ID --->	26489.01		26680.01					
	ID FROM REPORT -->	018WD00101		018WD00701					
	SAMPLE DATE ----->	07/31/96		08/20/96					
	DATE EXTRACTED -->	08/02/96		08/22/96					
	DATE ANALYZED --->	08/07/96		09/04/96					
	MATRIX ---------->	Water		Water					
	UNITS ---------->	UG/L	A	UG/L	A				
CAS #	Parameter	26473	VAL	26680	VAL				
110-86-1	Pyridine	10.	U	10.	U				
108-95-2	Phenol	10.	U	10.	U				
111-44-4	bis(2-Chloroethyl)ether	10.	U	10.	U				
95-57-8	2-Chlorophenol	10.	U	10.	U				
541-73-1	1,3-Dichlorobenzene	10.	U	10.	U				

NAVAL WEAPONS STATION
NAVAL WEAPONS STATION
SURFACE WATER SAMPLES

APX9 SVOA									
	SAMPLE ID ------->	018-W-D001-01		018-W-D007-01					
	ORIGINAL ID ----->	018WD00101		018WD00701					
	LAB SAMPLE ID --->	26489.01		26680.01					
	ID FROM REPORT -->	018WD00101		018WD00701					
	SAMPLE DATE ----->	07/31/96		08/20/96					
	DATE EXTRACTED -->	08/02/96		08/22/96					
	DATE ANALYZED --->	08/07/96		09/04/96					
	MATRIX ---------->	Water		Water					
	UNITS ---------->	UG/L	A	UG/L	A				
CAS #	Parameter	26473	VAL	26680	VAL				
132-64-9	Dibenzofuran	10.	U	10.	U				
121-14-2	2,4-Dinitrotoluene	10.	U	10.	UJ				
606-20-2	2,6-Dinitrotoluene	10.	U	10.	UJ				
84-66-2	Diethylphthalate	10.	U	10.	U				
7005-72-3	4-Chlorophenylphenylether	10.	U	10.	U				

NAVAL WEAPONS STATION
NAVAL WEAPONS STATION
SURFACE WATER SAMPLES

APX9 SVOA									
	SAMPLE ID ------->	018-W-D001-01		018-W-D007-01					
	ORIGINAL ID ----->	018WD00101		018WD00701					
	LAB SAMPLE ID --->	26489.01		26680.01					
	ID FROM REPORT -->	018WD00101		018WD00701					
	SAMPLE DATE ----->	07/31/96		08/20/96					
	DATE EXTRACTED -->	08/02/96		08/22/96					
	DATE ANALYZED --->	08/07/96		09/04/96					
	MATRIX ---------->	Water		Water					
	UNITS ---------->	UG/L	A	UG/L	A				
CAS #	Parameter	26473	VAL	26680	VAL				
94-59-7	Safrole	10.	UJ	10.	UJ				
120-58-1	Isosafrole	10.	UJ	10.	UJ				
109-06-8	2-Picoline	10.	UJ	10.	U				
62-44-2	Phenacetin	10.	UJ	10.	UJ				
95-53-4	o-Toluidine	10.	UJ	10.	UJ				

NAVAL WEAPONS STATION
NAVAL WEAPONS STATION
SURFACE WATER SAMPLES

APX9 SVOA								
	SAMPLE ID ------->	018-W-D001-01		018-W-D007-01				
	ORIGINAL ID ----->	018WD00101		018WD00701				
	LAB SAMPLE ID --->	26489.01		26680.01				
	ID FROM REPORT -->	018WD00101		018WD00701				
	SAMPLE DATE ----->	07/31/96		08/20/96				
	DATE EXTRACTED -->	08/02/96		08/22/96				
	DATE ANALYZED --->	08/07/96		09/04/96				
	MATRIX ---------->	Water		Water				
	UNITS ----------->	UG/L	A	UG/L	A			
CAS #	Parameter	26473	VAL	26680	VAL			
70-30-4	Hexachlorophene	200.	UR	200.	UR			
143-50-0	Kepone	50.	UJ	50.	UJ			
134-32-7	1-Naphthylamine	10.	UJ	10.	UJ			
91-59-8	2-Naphthylamine	10.	UJ	10.	UJ			
23950-58-5	Pronamide	10.	UJ	10.	UJ			

NAVAL WEAPONS STATION
NAVAL WEAPONS STATION
SURFACE WATER SAMPLES

APX9 VOA									
		SAMPLE ID ------->	018-W-D001-01		018-W-D007-01				
		ORIGINAL ID ----->	018WD00101		018WD00701				
		LAB SAMPLE ID --->	26489.01		26680.01				
		ID FROM REPORT -->	018WD00101		018WD00701				
		SAMPLE DATE ----->	07/31/96		08/20/96				
		DATE ANALYZED --->	08/08/96		08/22/96				
		MATRIX ---------->	Water		Water				
		UNITS ---------->	UG/L	A	UG/L	A			
CAS #	Parameter		26473	VAL	26680	VAL			
74-87-3	Chloromethane		10.	U	10.	U			
74-83-9	Bromomethane		10.	U	10.	U			
75-01-4	Vinyl chloride		10.	U	10.	U			
75-00-3	Chloroethane		10.	U	10.	UJ			
75-09-2	Methylene chloride		5.	U	7.	UJ			
67-64-1	Acetone		23.	UJ	10.	UJ			

NAVAL WEAPONS STATION
NAVAL WEAPONS STATION
SURFACE WATER SAMPLES

APX9 VOA									
	SAMPLE ID ------->	018-W-D001-01		018-W-D007-01					
	ORIGINAL ID ----->	018WD00101		018WD00701					
	LAB SAMPLE ID --->	26489.01		26680.01					
	ID FROM REPORT -->	018WD00101		018WD00701					
	SAMPLE DATE ----->	07/31/96		08/20/96					
	DATE ANALYZED --->	08/08/96		08/22/96					
	MATRIX ---------->	Water		Water					
	UNITS ---------->	UG/L	A	UG/L	A				
CAS #	Parameter	26473	VAL	26680	VAL				
107-05-1	3-Chloropropene	5.	U	5.	U				
126-99-8	Chloroprene	5.	U	5.	U				
110-57-6	trans-1,4-Dichloro-2-butene	5.	UJ	5.	U				
76-01-7	Pentachloroethane	5.	U	5.	U				
75-05-8	Acetonitrile	200.	UR	200.	UR				
107-13-1	Acrylonitrile	50	UJ	50.	U				

NAVAL WEAPONS STATION
NAVAL WEAPONS STATION
SURFACE WATER SAMPLES

CYANIDE	SAMPLE ID ------->	018-W-D001-01		018-W-D007-01					
	ORIGINAL ID ----->	018WD00101		018WD00701					
	LAB SAMPLE ID --->	26489.01		26680.01					
	ID FROM REPORT -->	018WD00101		018WD00701					
	SAMPLE DATE ----->	07/31/96		08/20/96					
	DATE EXTRACTED -->	08/09/96		08/28/96					
	DATE ANALYZED --->	08/10/96		08/30/96					
	MATRIX ---------->	Water		Water					
	UNITS ---------->	UG/L	A	UG/L	A				
CAS #	Parameter	26473	VAL	26680	VAL				
57-12-5	Cyanide (CN)	2.4	J	2.	UJ				

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NAVAL WEAPONS STATION
NAVAL WEAPONS STATION
SURFACE WATER SAMPLES

EXPLOSIVES									
	SAMPLE ID ------->	018-W-D001-01		018-W-D007-01					
	ORIGINAL ID ----->	018WD00101		018WD00701					
	LAB SAMPLE ID --->	5995-01		6096-01					
	ID FROM REPORT -->	018WD00101		018WD00701					
	SAMPLE DATE ----->	07/31/96		08/20/96					
	DATE EXTRACTED -->	08/06/96		08/27/96					
	DATE ANALYZED --->	08/22/96		08/28/96					
	MATRIX ---------->	Water		Water					
	UNITS ---------->	UG/L	A	UG/L	A				
CAS #	Parameter	5985	VAL	6055	VAL				
118-96-7	Trinitrotoluene, 2,4,6- (TNT)	0.5	U	0.5	U				
121-14-2	2,4-Dinitrotoluene	0.5	U	0.5	U				
121-82-4	RDX (Cyclonite)	0.5	U	0.5	U				
25377-32-6	1,3,5-Trinitrobenzene	0.5	U	0.5	U				
2691-41-0	HMX	0.5	U	0.5	U				

NAVAL WEAPONS STATION
NAVAL WEAPONS STATION
SURFACE WATER SAMPLES

NITRATE								
	SAMPLE ID ------->	018-W-D001-01		018-W-D007-01				
	ORIGINAL ID ----->	018WD00101		018WD00701				
	LAB SAMPLE ID --->	26489.01		26680.01				
	ID FROM REPORT -->	018WD00101		018WD00701				
	SAMPLE DATE ----->	07/31/96		08/20/96				
	DATE ANALYZED --->	08/06/96		09/05/96				
	MATRIX ---------->	Water		Water				
	UNITS ---------->	MG/L	A	MG/L	A			
CAS #	Parameter	26473	VAL	26680	VAL			
9999000-01-1	Nitrate-Nitrite-N	0.1	U	0.1	U			

NAVAL WEAPONS STATION
NAVAL WEAPONS STATION
SURFACE WATER SAMPLES

PHOSPHORUS											
	SAMPLE ID ------->	018-W-D001-01		018-W-D007-01							
	ORIGINAL ID ----->	018WD00101		018WD00701							
	LAB SAMPLE ID --->	26489.01		26680.01							
	ID FROM REPORT -->	018WD00101		018WD00701							
	SAMPLE DATE ----->	07/31/96		08/20/96							
	DATE EXTRACTED -->	08/08/96		09/04/96							
	DATE ANALYZED --->	08/11/96		09/05/96							
	MATRIX ---------->	Water		Water							
	UNITS ---------->	MG/L	A	MG/L	A						
CAS #	Parameter	26473	VAL	26680	VAL						
7723-14-0	Phosphorus	0.482		0.1	U						

NAVAL WEAPONS STATION
NAVAL WEAPONS STATION
SURFACE WATER SAMPLES

SW846-META									
	SAMPLE ID ------->	018-W-D001-01		018-W-D007-01					
	ORIGINAL ID ----->	018WD00101		018WD00701					
	LAB SAMPLE ID --->	26489.01		26680.01					
	ID FROM REPORT -->	018WD00101		018WD00701					
	SAMPLE DATE ----->	07/31/96		08/20/96					
	DATE EXTRACTED -->	08/16/96		08/30/96					
	DATE ANALYZED --->	08/20/96		09/10/96					
	MATRIX ---------->	Water		Water					
	UNITS ---------->	UG/L	A	UG/L	A				
CAS #	Parameter	26473	VAL	26680	VAL				
7429-90-5	Aluminum (Al)	459.		156.	J				
7440-36-0	Antimony (Sb)	2.1	U	2.1	U				
7440-38-2	Arsenic (As)	2.5	U	2.9	J				
7440-39-3	Barium (Ba)	98.2		86.6	J				
7440-41-7	Beryllium (Be)	0.3	U	0.3	U				

NAVAL WEAPONS STATION
NAVAL WEAPONS STATION
SURFACE WATER SAMPLES

SW846-PEST									
	SAMPLE ID ------->	018-W-D001-01		018-W-D007-01					
	ORIGINAL ID ----->	018WD00101		018WD00701					
	LAB SAMPLE ID --->	26489.01		26680.01					
	ID FROM REPORT -->	018WD00101		018WD00701					
	SAMPLE DATE ----->	07/31/96		08/20/96					
	DATE EXTRACTED -->	08/02/96		08/22/96					
	DATE ANALYZED --->	08/16/96		09/13/96					
	MATRIX ---------->	Water		Water					
	UNITS ---------->	UG/L	A	UG/L	A				
CAS #	Parameter	26473	VAL	26680	VAL				
319-84-6	alpha-BHC	0.04	U	0.04	U				
319-85-7	beta-BHC	0.04	U	0.04	U				
319-86-8	delta-BHC	0.04	U	0.04	U				
58-89-9	gamma-BHC (Lindane)	0.04	U	0.04	U				
76-44-8	Heptachlor	0.04	U	0.04	U				

APPENDIX D

MARSH SEDIMENT HITS

Table D-1
Chemicals Present in Marsh Sediment Samples

NAME	SAMPLE ID	RESULT	CONC UNITS	VQUAL
Inorganics				
Aluminum (Al)	018M000101	5930.0000	MG/KG	
Aluminum (Al)	018M000201	2890.0000	MG/KG	
Aluminum (Al)	018M000301	6020.0000	MG/KG	
Aluminum (Al)	018M000401	11700.0000	MG/KG	
Arsenic (As)	018M000101	3.7000	MG/KG	J
Arsenic (As)	018M000201	2.4000	MG/KG	J
Arsenic (As)	018M000301	3.9000	MG/KG	J
Arsenic (As)	018M000401	11.6000	MG/KG	J
Barium (Ba)	018M000101	1250.0000	MG/KG	J
Barium (Ba)	018M000201	109.0000	MG/KG	J
Barium (Ba)	018M000301	873.0000	MG/KG	J
Barium (Ba)	018M000401	125.0000	MG/KG	J
Beryllium (Be)	018M000101	0.3900	MG/KG	J
Beryllium (Be)	018M000201	0.2000	MG/KG	J
Beryllium (Be)	018M000301	0.4200	MG/KG	J
Beryllium (Be)	018M000401	1.0000	MG/KG	J
Cadmium (Cd)	018M000101	1.0000	MG/KG	J
Cadmium (Cd)	018M000201	0.3300	MG/KG	J
Cadmium (Cd)	018M000301	1.5000	MG/KG	J
Cadmium (Cd)	018M000401	2.3000	MG/KG	J
Calcium (Ca)	018M000101	4680.0000	MG/KG	
Calcium (Ca)	018M000201	740.0000	MG/KG	
Calcium (Ca)	018M000301	8900.0000	MG/KG	
Calcium (Ca)	018M000401	7440.0000	MG/KG	
Chromium (Cr)	018M000101	8.3000	MG/KG	
Chromium (Cr)	018M000201	5.5000	MG/KG	
Chromium (Cr)	018M000301	8.7000	MG/KG	
Chromium (Cr)	018M000401	21.1000	MG/KG	
Cobalt (Co)	018M000101	2.0000	MG/KG	J
Cobalt (Co)	018M000201	0.4000	MG/KG	J
Cobalt (Co)	018M000301	2.4000	MG/KG	J
Cobalt (Co)	018M000401	6.5000	MG/KG	J
Copper (Cu)	018M000101	138.0000	MG/KG	
Copper (Cu)	018M000201	28.4000	MG/KG	
Copper (Cu)	018M000301	152.0000	MG/KG	
Copper (Cu)	018M000401	192.0000	MG/KG	
Iron (Fe)	018M000101	14300.0000	MG/KG	
Iron (Fe)	018M000201	4830.0000	MG/KG	
Iron (Fe)	018M000301	15800.0000	MG/KG	
Iron (Fe)	018M000401	31400.0000	MG/KG	

Table D-1
Chemicals Present in Marsh Sediment Samples

NAME	SAMPLE ID	RESULT	CONC UNITS	VQUAL
Inorganics				
Lead (Pb)	018M000101	51.0000	MG/KG	
Lead (Pb)	018M000201	48.2000	MG/KG	
Lead (Pb)	018M000301	84.9000	MG/KG	
Lead (Pb)	018M000401	202.0000	MG/KG	
Magnesium (Mg)	018M000101	3280.0000	MG/KG	
Magnesium (Mg)	018M000201	382.0000	MG/KG	
Magnesium (Mg)	018M000301	4910.0000	MG/KG	
Magnesium (Mg)	018M000401	6510.0000	MG/KG	
Manganese (Mn)	018M000101	68.6000	MG/KG	J
Manganese (Mn)	018M000201	17.1000	MG/KG	J
Manganese (Mn)	018M000301	103.0000	MG/KG	J
Manganese (Mn)	018M000401	95.3000	MG/KG	J
Mercury (Hg)	018M000101	0.1500	MG/KG	
Mercury (Hg)	018M000201	0.0800	MG/KG	
Mercury (Hg)	018M000301	0.1600	MG/KG	
Mercury (Hg)	018M000401	0.2400	MG/KG	
Nickel (Ni)	018M000101	10.7000	MG/KG	J
Nickel (Ni)	018M000201	2.2000	MG/KG	J
Nickel (Ni)	018M000301	12.0000	MG/KG	J
Nickel (Ni)	018M000401	19.3000	MG/KG	J
Potassium (K)	018M000301	750.0000	MG/KG	J
Potassium (K)	018M000401	1860.0000	MG/KG	J
Selenium (Se)	018M000101	1.1000	MG/KG	J
Selenium (Se)	018M000401	1.8000	MG/KG	J
Silver (Ag)	018M000301	2.4000	MG/KG	J
Sodium (Na)	018M000101	6380.0000	MG/KG	
Sodium (Na)	018M000201	753.0000	MG/KG	
Sodium (Na)	018M000301	8380.0000	MG/KG	
Sodium (Na)	018M000401	18200.0000	MG/KG	
Tin (Sn)	018M000301	10.5000	MG/KG	J
Tin (Sn)	018M000401	9.6000	MG/KG	J
Vanadium (V)	018M000101	17.4000	MG/KG	
Vanadium (V)	018M000201	8.7000	MG/KG	
Vanadium (V)	018M000301	18.5000	MG/KG	
Vanadium (V)	018M000401	45.0000	MG/KG	
Zinc (Zn)	018M000101	82.2000	MG/KG	J
Zinc (Zn)	018M000201	57.5000	MG/KG	J
Zinc (Zn)	018M000301	167.0000	MG/KG	J
Zinc (Zn)	018M000401	355.0000	MG/KG	J

Table D-1
Chemicals Present in Marsh Sediment Samples

NAME	SAMPLE ID	RESULT	CONC UNITS	VQUAL
Organics				
alpha-BHC	018M00401	14.0000	UG/KG	
beta-BHC	018M00401	8.6000	UG/KG	
Pyrene	018M00301	1600.0000	UG/KG	

APPENDIX E
WELL LOGS

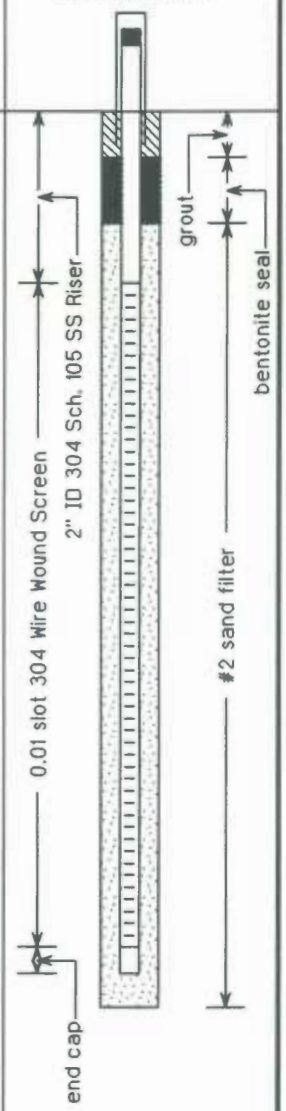
EnSafe/Allen & Hoshall

Monitoring Well NWS018001

Project: *Naval Weapons Station Charleston*	Coordinates: *2320822.3 E, 398494.1 N*
Location: *Charleston, SC*	Surface Elevation: *7.4 feet msl*
Started at *1430 on 8-1-96*	TOC Elevation: *10.01 feet msl*
Completed at *1600 on 8-1-96*	Depth to Groundwater: *6.95 feet TOC* Measured: *11/5/96*
Drilling Method: *4.25" ID (7.5" OD) HSA with split spoon*	Groundwater Elevation: *3.06 feet msl*
Drilling Company: *ETE-ViroGroup SC Cert#426*	Total Well Depth: *13.0 feet bgs*
Geologist: *P. Bayley*	Well Screen: *2.6 to 12.6 feet bgs*

DEPTH IN FEET	LITHOLOGIC SAMPLE	ANALYTICAL SAMPLE	SAMPLE NO.	% RECOVERY	PID (ppm)	GRAPHIC LOG	SOIL CLASS	GEOLOGIC DESCRIPTION	ELEV. (ft-msl)
			1	100	0		SP SM	Sand: brown to orange brown; very fine to fine, some silt to silty; damp. @1 ft.: Ferrous object-scrap metal	
								Sand: grey brown: very fine to fine, some silt; damp, rootlets. @2.5 ft.: with some orange brown @2.8 ft.: wet; becomes clayey	4.6
			2	100	0		CL	Clay: red orange with grey, mottled; some silt to silty; moist to wet, firm, plastic. @ 3.6 ft.: grades to silty with some sand-very fine; wet, soft, plastic.	3.5
5			3	45	0		CL CH SC SM	Clay: blue green, with lt grey (sand); some silt to silty, some sand to sandy-very fine; wet, stiff, plastic. @ 5.1 to 5.4 and 5.9 to 6.2 ft.: Sand: lt grey; very fine to fine, silty; wet.	2.4 2.3 2 1.5 1.2
			4	60	0		CL	Clay: grey, orange and brown; very thinly laminated; silty, some sand-very fine; wet, soft, plastic.	.4
			5	75	0		SC SM SM	Clay: blue green; silty, some sand to sandy-very fine becoming very fine to fine with depth; wet, soft, plastic.	1.1 1.6 2.1
10								Sand: blue green; very fine to fine, silty, some clay to clayey, wet, soft, some plasticity.	2.9
			6	65	0		SM	Sand: orange brown; very fine to fine, silty, trace clay; wet, soft, free water.	3.6 4.7
			7	55	0			Sand: orange brown; very fine to fine-variable, silty; wet, loose.	
15									
20									

WELL DIAGRAM



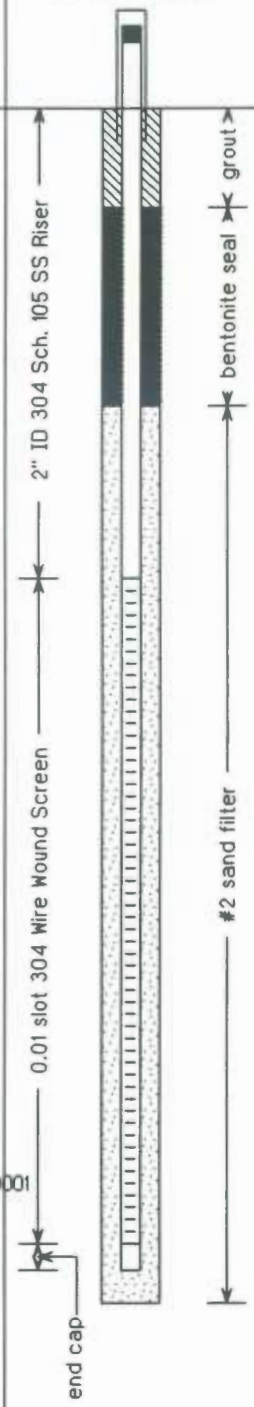
EnSafe/Allen & Hoshall

Monitoring Well NWS018002

Project: *Naval Weapons Station Charleston*	Coordinates: *2321025.8 E, 398184.8 N*
Location: *Charleston, SC*	Surface Elevation: *7.8 feet msl*
Started at *1030 on 8-1-96*	TOC Elevation: *10.98 feet msl*
Completed at *1230 on 8-1-96*	Depth to Groundwater: *7.92 feet TOC* Measured: *11/5/96*
Drilling Method: *4.25" ID (7.5" OD) HSA with split spoon*	Groundwater Elevation: *3.06 feet msl*
Drilling Company: *ETE-ViroGroup SC Cert#426*	Total Well Depth: *17.5 feet bgs*
Geologist: *P. Bayley*	Well Screen: *7.1 to 17.1 feet bgs*

DEPTH IN FEET	SAMPLE NO.	% RECOVERY	PID (ppm)	SOIL CLASS	GEOLOGIC DESCRIPTION	ELEV. (ft-msl)
	1	100	0	SP SM	Sand: lt brown; very fine to fine, some silt; moist. @ 0.5 ft.: becomes yellow-orange; very fine.	6.6
				CL CH	Clay: orange and lt grey with some red streaks; moist.	4.8
	2	100	27	SP SC	Sand: lt grey and orange; fine; interbedded with Clay: silty. @4.5 to 5.0 ft.: slight increase in grainsize.	2.8
5	3	100	0	SP	Sand: lt grey and orange; fine; moist.	1.8
	4	100	0	CL ML	Silt: lt grey and orange; clayey; moist. @7.4 to 7.6 ft.: grades to sandy-very fine, some clay; moist to wet, soft to firm, slight plasticity.	-.2
				ML		-.3
	5	55	0	SM	Sand: yellow orange and lt grey; very fine to fine, some silt to silty; wet, soft to firm, slight plasticity.	-1.2
10	6	30	0	CL ML	Clay: grey and orange; silty; wet, firm, plastic.	-1.8
	7	100	0	SM SC SM	Sand: yellow orange and grey; very fine to fine, some silt to silty, trace clay; wet, soft to firm, slight plasticity.	-3.2
				SM SP	Sand: orange with some brown and red, grading to grey brown with orange mottle; very-fine to fine, silty, some clay to clayey; wet, soft, slight plasticity. @ 13.9 to 14.7 ft.: color changes to orange and grey brown, and coarsens slightly becoming very-fine to fine/medium with decrease in silt.	-4.4
15	8	85	0	SM SM SP		-5.2
	9	90	0	SM SC		-6.1
					Sand: orange brown; very fine, silty; loose, wet.	-6.9
					Sand: grey; very-fine to fine, some silt to silty; wet loose. @ 16.2 to 16.8 ft.: grades to dark grey with increase in fines.	-7.2
						-7.9
						-8.400001
						-9
20						

WELL DIAGRAM



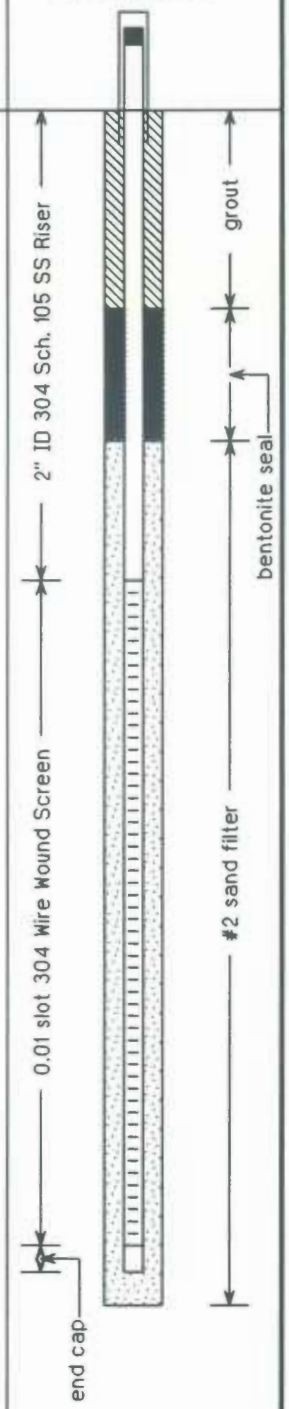
EnSafe/Allen & Hoshall

Monitoring Well NWS018003

Project: *Naval Weapons Station Charleston*	Coordinates: *2321205.0 E, 398315.3 N*
Location: *Charleston, SC*	Surface Elevation: *8.4 feet msl*
Started at *1320 on 7-31-96*	TOC Elevation: *11.54 feet msl*
Completed at *1545 on 7-31-96*	Depth to Groundwater: *8.70 feet TOC* Measured: *11/5/96*
Drilling Method: *4.25" ID (7.5" OD) HSA with split spoon*	Groundwater Elevation: *2.84 feet msl*
Drilling Company: *ETE-ViroGroup SC Cert#426*	Total Well Depth: *18.0 feet bgs*
Geologist: *P. Bayley*	Well Screen: *7.1 to 17.1 feet bgs*

DEPTH IN FEET	LITHOLOGIC SAMPLE	ANALYTICAL SAMPLE	SAMPLE NO.	% RECOVERY	PID (ppm)	GRAPHIC LOG	SOIL CLASS	GEOLOGIC DESCRIPTION	ELEV. (ft-msl)
							SP	Sand: lt brown; fine; w/rootlets.	
			1	100	0		CL CH	Clay: lt grey and orange; silty, with some interbedded silty sand; dry to moist. @5.0 to 6.0 and 6.5 to 7.0 ft.: becomes sandy. @4.8 to 6.0 ft.: with occasional very thin Sand laminae; white; fine. @6.0 to 6.5 ft.: grades to Sand: blue-grey; fine; moist.	
			2	100	0				
5			3	100	0				
							SP		2.4
									1.9
			4	100	0		CL CH	Clay: greenish-grey and lt brown; sandy; moist.	
							SC	Sand: greenish-grey; clayey; moist.	.4
			5	100	0		CL	Clay: orange-brown with occasional brown; some sand-very fine; moist, firm, plastic.	.6
10							SM SC	Sand: lt brown grading rapidly to orange-brown w/orange FeOx mottle; very fine to fine, silty, clayey; wet, slight plasticity.	1.7
			6	75	0		SM SP		2.1
							CL CH	Sand: blue-green w/ trace lt brownish-grey; very fine to fine, some silt to silty; wet.	2.6
			7	85	0		CL CH	Clay: grey; wet, plastic, firm; w/2 to 4 mm sand laminae throughout.	3.7
							SM CL	Sand: grey w/ lt grey; very fine to fine, silty; wet. @13.7 to 14.2 and 15.1 to 15.3 ft.: w/ very thinly interbedded clay. @15.3 to 15.8 ft.: becomes clayey. @15.8 to 16.6 ft.: slight increase in grain size (very fine to fine). @16.6 to 17.0 ft.: w/ occasional clay laminae.	4.3
15			8	95	0		SM		4.6
							SM SC		5.3
							SM SP		5.8
			9	100	0		SM SC		6.5
									6.6
									7.4
									8.2
									8.6
20									

WELL DIAGRAM



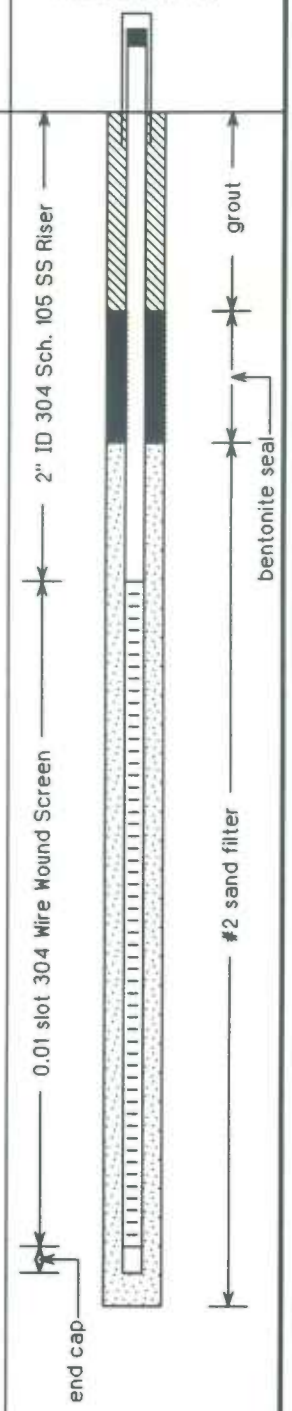
EnSafe/Allen & Hoshall

Monitoring Well NWS018005

Project: *Naval Weapons Station Charleston*	Coordinates: *2321031.3 E, 398725.4 N*
Location: *Charleston, SC*	Surface Elevation: *8.9 feet msl*
Started at *1650 on 7-31-96*	TOC Elevation: *12.10 feet msl*
Completed at *1830 on 7-31-96*	Depth to Groundwater: *9.09 feet TOC* Measured: *11/5/96*
Drilling Method: *4.25" ID (7.5" OD) HSA with split spoon*	Groundwater Elevation: *3.01 feet msl*
Drilling Company: *ETE-ViroGroup SC Cert#426*	Total Well Depth: *18.0 feet bgs*
Geologist: *P. Bayley*	Well Screen: *7.1 to 17.1 feet bgs*

DEPTH IN FEET	LITHOLOGIC SAMPLE	ANALYTICAL SAMPLE	SAMPLE NO.	% RECOVERY	PID (ppm)	GRAPHIC LOG	SOIL CLASS	GEOLOGIC DESCRIPTION	ELEV. (ft-msl)
			1	100	0		SP	Sand: lt brown w/some grey brown; very fine; rootlets. @1.5 ft.: becomes orange; very fine to fine, clayey	7.4
							CL/CH	Clay: red, orange, and grey; sandy; dry.	5.9
			2	100	0		SP/SC	Sand: red, orange, and grey: very fine, clayey; dry.	4.9
5			3	100	0		SP / SP/SC	Sand: green grey; fine; dry. @5.0 to 7.0 ft.: green grey and orange; w/interbedded clayey sand.	3.9
			4	100	0		CL/CH	Clay: lt grey and orange; sandy, moist, firm, plastic. @9.0 ft.: moisture increasing to wet.	1.9
			5	100	0				.6
10			6	25	0		SC/CL	Clay: lt grey brown w/orange mottle; very sandy-very fine to fine, silty; wet, soft, plastic.	2.1
			7	100	0		SM/ML	Sand: lt brown w/orange and lt grey mottle; very fine, very silty; wet, loose, sticky. @13.7 to 15.0 ft.: becomes grey, slight coarsening to fine.	4.1
15			8	100	0		OL/ML	Silt: dark grey; clayey, sandy-very fine; very soft, wet, sticky, plastic.	6.1
			9	95	0				8
20									

WELL DIAGRAM



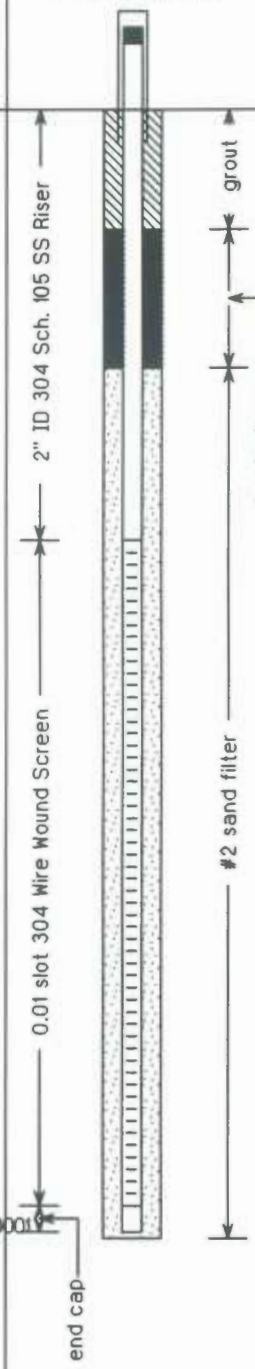
EnSafe/Allen & Hoshall

Monitoring Well NWS018004

Project: *Naval Weapons Station Charleston*	Coordinates: *2321207.6 E, 398688.9 N*
Location: *Charleston, SC*	Surface Elevation: *8.4 feet msl*
Started at *1345 on 6-30-96*	TOC Elevation: *11.24 feet msl*
Completed at *1700 on 6-30-96*	Depth to Groundwater: *6.91 feet TOC* Measured: *11/5/96*
Drilling Method: *4.25" ID (7.5" OD) HSA with split spoon*	Groundwater Elevation: *4.33 feet msl*
Drilling Company: *ETE-ViroGroup SC Cert#426*	Total Well Depth: *17.0 feet bgs*
Geologist: *P. Bayley*	Well Screen: *6.5 to 16.5 feet bgs*

DEPTH IN FEET	LITHOLOGIC SAMPLE	ANALYTICAL SAMPLE	SAMPLE NO.	% RECOVERY	PID (ppm)	GRAPHIC LOG	SOIL CLASS	GEOLOGIC DESCRIPTION	ELEV. (ft-msl)
			1	100	0		CL CH	Clay: red w/brown and red horizontal 1/8" banding.	7.4
							CL CH	No Log	6.5
							SP	Clay: red orange and grey, w/red, grey green, and orange brown 1/8" banding.	6 5.8
			2	100	0		CL CH SP	Sand: orange and grey green; fine; moist. @2.4 to 2.6 ft.: Clay: as above. @4.6 ft.: becomes wet.	
5			3	100	0			No Log	3.6
							SP	Sand: lt grey; very fine to fine, trace silt; wet. @9.0, 9.3, 9.4, and at 9.8 to 10.0 ft.: Clay: grey; wet, firm, plastic. @11.2 to 11.4 ft.: Clay: grey, orange, and red orange; wet, soft, plastic. @11.4 to 12.3 ft.: becomes silty, w/trace of clay.	2
10							SP		1.4 1.6 1.9
			4	75	0		SP SM		2.6 2.8 3
							SP		3.9
			5	65	0		SP SM	Sand: lt brown; very fine to fine, silty; wet, soft. @13.5 to 13.9 ft.: grades to lt brown w/orange; very fine, silty, clayey.	4.4 5.1 5.5
							SM SC		
15			6	80	0		SM	Sand: dark grey; very fine to fine, silty, some clay; wet, soft, slight plasticity.	6.2 6.4
							CL ML	Clay: gark grey; some sand-very fine, silty; wet, soft, plastic.	
			7	100	0				8.4
20									

WELL DIAGRAM



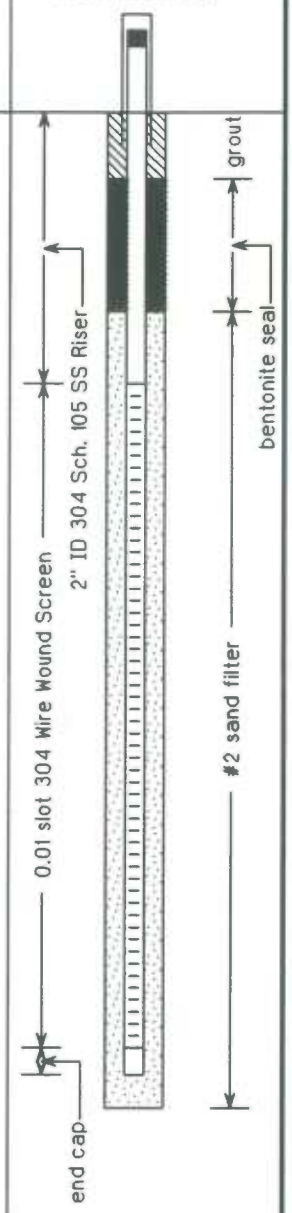
EnSafe/Allen & Hoshall

Monitoring Well NWS018006

Project: *Naval Weapons Station Charleston*	Coordinates: *2321539.2 E, 398237.7 N*
Location: *Charleston, SC*	Surface Elevation: *8.0 feet msl*
Started at *0910 on 7-31-96*	TOC Elevation: *10.87 feet msl*
Completed at *1200 on 7-31-96*	Depth to Groundwater: *6.00 feet TOC* Measured: *11/5/96*
Drilling Method: *4.25" ID (7.5" OD) HSA with split spoon*	Groundwater Elevation: *4.87 feet msl*
Drilling Company: *ETE-ViroGroup SC Cert#426*	Total Well Depth: *14.5 feet bgs*
Geologist: *P. Bayley*	Well Screen: *4.1 to 14.1 feet bgs*

DEPTH IN FEET	LITHOLOGIC SAMPLE	ANALYTICAL SAMPLE	SAMPLE NO.	% RECOVERY	PID (ppm)	GRAPHIC LOG	SOIL CLASS	GEOLOGIC DESCRIPTION	ELEV. (ft-msl)
			1	100	0		CL CH	Clay: tan, grey, red brown mottled; some silt, some sand-very fine; moist, firm, plastic.	
			2	100	0				4.5
5			3	100	0		SC	Sand: lt grey with some red brown; very fine to fine, clayey; moist, firm. @5.0 ft.: color change to lt grey w/some blue-green clayey fine sand. @6.6 ft.: becomes wet.	
			4	100	0		SP SM	Sand: blue green; very fine to fine, silty, trace clay; wet, soft to firm.	1.5
							SP	Sand: lt brown, w/trace orange; very fine to fine, trace silt; wet, loose.	.7 / .1
			5	70	0		CL	Clay: grey w/red brown; sandy-very fine; soft, wet, plastic. @8.7 to 9.1 ft.: color change to orange. @9.1 to 10.1 ft.: color change to grey w/trace orange. @9.2 to 9.4, 9.5, 9.6, 9.8, and 10.0 ft.: 1 cm thick sand laminae.	.5
10			6	95	0		CL		2.4 / 2.6
							SM	Clay: dark grey; wet, soft to firm, plastic; w/ thinly interbedded 4 to 5 mm sand laminae.	3.6
			7	85	0		SP	Sand: grey; very fine to fine, trace to some silt; wet, soft-loose. @11.6 to 12.2 ft.: dark grey; silty. @13.4 to 13.5 ft.: color change to dark grey/ black; silty. @15.5 to 16.5 ft.: firmer; some orange mottle.	4.2 / 4.5
			8	100	0				5.5
15							SP		7
			9	100	0				8.5
20									

WELL DIAGRAM



APPENDIX F
GROUNDWATER DATA

DATALCP3
12/04/96

NAVAL WEAPONS STATION
NAVAL WEAPONS STATION (GROUNDWATER)
GROUNDWATER SAMPLES

APX9 SVOA													
	SAMPLE ID ------->	018-G-W001-01		018-G-W002-01		018-G-W003-01		018-G-W004-01		018-G-W005-01		018-G-W006-01	
	ORIGINAL ID ----->	018GW00101		018GW00201		018GW00301		018GW00401		018GW00501		018GW00601	
	LAB SAMPLE ID --->	27151.02		27151.01		27132.01		27132.02		27164.01		27164.03	
	ID FROM REPORT -->	018GW00101		018GW00201		018GW00301		018GW00401		018GW00501		018GW00601	
	SAMPLE DATE ----->	09/30/96		09/30/96		09/27/96		09/27/96		10/01/96		10/01/96	
	DATE EXTRACTED -->	10/02/96		10/02/96		09/30/96		09/30/96		10/03/96		10/03/96	
	DATE ANALYZED --->	10/14/96		10/14/96		10/11/96		10/11/96		10/19/96		10/19/96	
	MATRIX ---------->	Water		Water		Water		Water		Water		Water	
	UNITS ---------->	UG/L	A	UG/L	A	UG/L	A	UG/L	A	UG/L	A	UG/L	A
CAS #	Parameter	27108	VAL	27108	VAL	27108	VAL	27108	VAL	27108	VAL	27108	VAL
108-95-2	Phenol	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
111-44-4	bis(2-Chloroethyl)ether	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
95-57-8	2-Chlorophenol	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
541-73-1	1,3-Dichlorobenzene	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
106-46-7	1,4-Dichlorobenzene	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U

NAVAL WEAPONS STATION
NAVAL WEAPONS STATION (GROUNDWATER)
GROUNDWATER SAMPLES

APX9 SVOA													
	SAMPLE ID ------->	018-G-W001-01		018-G-W002-01		018-G-W003-01		018-G-W004-01		018-G-W005-01		018-G-W006-01	
	ORIGINAL ID ----->	018GW00101		018GW00201		018GW00301		018GW00401		018GW00501		018GW00601	
	LAB SAMPLE ID --->	27151.02		27151.01		27132.01		27132.02		27164.01		27164.03	
	ID FROM REPORT -->	018GW00101		018GW00201		018GW00301		018GW00401		018GW00501		018GW00601	
	SAMPLE DATE ----->	09/30/96		09/30/96		09/27/96		09/27/96		10/01/96		10/01/96	
	DATE EXTRACTED -->	10/02/96		10/02/96		09/30/96		09/30/96		10/03/96		10/03/96	
	DATE ANALYZED --->	10/14/96		10/14/96		10/11/96		10/11/96		10/19/96		10/19/96	
	MATRIX ---------->	Water		Water		Water		Water		Water		Water	
	UNITS ---------->	UG/L	A	UG/L	A	UG/L	A	UG/L	A	UG/L	A	UG/L	A
CAS #	Parameter	27108	VAL	27108	VAL	27108	VAL	27108	VAL	27108	VAL	27108	VAL
132-64-9	Dibenzofuran	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
121-14-2	2,4-Dinitrotoluene	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
84-66-2	Diethylphthalate	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
7005-72-3	4-Chlorophenylphenylether	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
86-73-7	Fluorene	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U

NAVAL WEAPONS STATION
NAVAL WEAPONS STATION (GROUNDWATER)
GROUNDWATER SAMPLES

APX9 SVOA													
	SAMPLE ID ------->	018-G-W001-01		018-G-W002-01		018-G-W003-01		018-G-W004-01		018-G-W005-01		018-G-W006-01	
	ORIGINAL ID ----->	018GW00101		018GW00201		018GW00301		018GW00401		018GW00501		018GW00601	
	LAB SAMPLE ID --->	27151.02		27151.01		27132.01		27132.02		27164.01		27164.03	
	ID FROM REPORT -->	018GW00101		018GW00201		018GW00301		018GW00401		018GW00501		018GW00601	
	SAMPLE DATE ----->	09/30/96		09/30/96		09/27/96		09/27/96		10/01/96		10/01/96	
	DATE EXTRACTED -->	10/02/96		10/02/96		09/30/96		09/30/96		10/03/96		10/03/96	
	DATE ANALYZED --->	10/14/96		10/14/96		10/11/96		10/11/96		10/19/96		10/19/96	
	MATRIX ---------->	Water		Water		Water		Water		Water		Water	
	UNITS ---------->	UG/L	A	UG/L	A	UG/L	A	UG/L	A	UG/L	A	UG/L	A
CAS #	Parameter	27108	VAL	27108	VAL	27108	VAL	27108	VAL	27108	VAL	27108	VAL
62-50-0	Ethyl methanesulfonate	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
109-06-8	2-Picoline	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
98-86-2	Acetophenone	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
930-55-2	N-Nitrosopyrrolidine	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
108-39-4	3-Methylphenol (m-Cresol)	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U

NAVAL WEAPONS STATION
NAVAL WEAPONS STATION (GROUNDWATER)
GROUNDWATER SAMPLES

APX9 SVOA													
	SAMPLE ID ------->	018-G-W001-01		018-G-W002-01		018-G-W003-01		018-G-W004-01		018-G-W005-01		018-G-W006-01	
	ORIGINAL ID ----->	018GW00101		018GW00201		018GW00301		018GW00401		018GW00501		018GW00601	
	LAB SAMPLE ID --->	27151.02		27151.01		27132.01		27132.02		27164.01		27164.03	
	ID FROM REPORT -->	018GW00101		018GW00201		018GW00301		018GW00401		018GW00501		018GW00601	
	SAMPLE DATE ----->	09/30/96		09/30/96		09/27/96		09/27/96		10/01/96		10/01/96	
	DATE EXTRACTED -->	10/02/96		10/02/96		09/30/96		09/30/96		10/03/96		10/03/96	
	DATE ANALYZED --->	10/14/96		10/14/96		10/11/96		10/11/96		10/19/96		10/19/96	
	MATRIX ---------->	Water		Water		Water		Water		Water		Water	
	UNITS ---------->	UG/L	A	UG/L	A	UG/L	A	UG/L	A	UG/L	A	UG/L	A
CAS #	Parameter	27108	VAL	27108	VAL	27108	VAL	27108	VAL	27108	VAL	27108	VAL
82-68-8	Pentachloronitrobenzene	50.	UJ	50.	UJ	50.	U	50.	U	50.	UJ	50.	UJ
298-04-4	Disulfoton	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
88-85-7	Dinoseb	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
298-00-0	Methyl parathion	20.	U	20.	U	20.	U	20.	U	20.	U	20.	U
56-38-2	Parathion	20.	U	20.	U	20.	U	20.	U	20.	U	20.	U

NAVAL WEAPONS STATION
NAVAL WEAPONS STATION (GROUNDWATER)
GROUNDWATER SAMPLES

APX9 SVOA			
	SAMPLE ID ------->	018-G-W006-1A	
	ORIGINAL ID ----->	018GW0061A	
	LAB SAMPLE ID --->	27108.01	
	ID FROM REPORT -->	018GW0061A	
	SAMPLE DATE ----->	09/26/96	
	DATE EXTRACTED -->	09/30/96	
	DATE ANALYZED --->	10/11/96	
	MATRIX ---------->	Water	
	UNITS ---------->	UG/L	A
CAS #	Parameter	27108	VAL
108-95-2	Phenol	10.	U
111-44-4	bis(2-Chloroethyl)ether	10.	U
95-57-8	2-Chlorophenol	10.	U
541-73-1	1,3-Dichlorobenzene	10.	U
106-46-7	1,4-Dichlorobenzene	10.	U

NAVAL WEAPONS STATION
NAVAL WEAPONS STATION (GROUNDWATER)
GROUNDWATER SAMPLES

APX9 SVOA

SAMPLE ID -------->	018-G-W006-1A
ORIGINAL ID ----->	018GW0061A
LAB SAMPLE ID --->	27108.01
ID FROM REPORT -->	018GW0061A
SAMPLE DATE ----->	09/26/96
DATE EXTRACTED -->	09/30/96
DATE ANALYZED --->	10/11/96
MATRIX ---------->	Water
UNITS ---------->	UG/L A

CAS #	Parameter	27108	VAL
132-64-9	Dibenzofuran	10.	U
121-14-2	2,4-Dinitrotoluene	10.	U
84-66-2	Diethylphthalate	10.	U
7005-72-3	4-Chlorophenylphenylether	10.	U
86-73-7	Fluorene	10.	U

NAVAL WEAPONS STATION
NAVAL WEAPONS STATION (GROUNDWATER)
GROUNDWATER SAMPLES

APX9 SVOA			
	SAMPLE ID ------->	018-G-W006-1A	
	ORIGINAL ID ----->	018GW0061A	
	LAB SAMPLE ID --->	27108.01	
	ID FROM REPORT -->	018GW0061A	
	SAMPLE DATE ----->	09/26/96	
	DATE EXTRACTED -->	09/30/96	
	DATE ANALYZED --->	10/11/96	
	MATRIX ---------->	Water	
	UNITS ---------->	UG/L	A

CAS #	Parameter	27108	VAL
62-50-0	Ethyl methanesulfonate	10.	U
109-06-8	2-Picoline	10.	U
98-86-2	Acetophenone	10.	U
930-55-2	N-Nitrosopyrrolidine	10.	U
108-39-4	3-Methylphenol (m-Cresol)	10.	U

NAVAL WEAPONS STATION
NAVAL WEAPONS STATION (GROUNDWATER)
GROUNDWATER SAMPLES

APX9 SVOA							
	SAMPLE ID ------->	018-G-W006-1A					
	ORIGINAL ID ----->	018GW0061A					
	LAB SAMPLE ID --->	27108.01					
	ID FROM REPORT -->	018GW0061A					
	SAMPLE DATE ----->	09/26/96					
	DATE EXTRACTED -->	09/30/96					
	DATE ANALYZED --->	10/11/96					
	MATRIX ---------->	Water					
	UNITS ---------->	UG/L	A				
CAS #	Parameter	27108	VAL				
82-68-8	Pentachloronitrobenzene	50.	U				
298-04-4	Disulfoton	10.	U				
88-85-7	Dinoseb	10.	U				
298-00-0	Methyl parathion	20.	U				
56-38-2	Parathion	20	U				

NAVAL WEAPONS STATION
NAVAL WEAPONS STATION (GROUNDWATER)
GROUNDWATER SAMPLES

APX9 VOA													
	SAMPLE ID ------->	018-G-W001-01		018-G-W002-01		018-G-W003-01		018-G-W004-01		018-G-W005-01		018-G-W006-01	
	ORIGINAL ID ----->	018GW00101		018GW00201		018GW00301		018GW00401		018GW00501		018GW00601	
	LAB SAMPLE ID --->	27151.02		27151.01		27132.01		27132.02		27164.01		27164.03	
	ID FROM REPORT -->	018GW00101		018GW00201		018GW00301		018GW00401		018GW00501		018GW00601	
	SAMPLE DATE ----->	09/30/96		09/30/96		09/27/96		09/27/96		10/01/96		10/01/96	
	DATE ANALYZED --->	10/04/96		10/04/96		10/03/96		10/03/96		10/07/96		10/07/96	
	MATRIX ---------->	Water		Water		Water		Water		Water		Water	
	UNITS ---------->	UG/L	A	UG/L	A	UG/L	A	UG/L	A	UG/L	A	UG/L	A
CAS #	Parameter	27108	VAL	27108	VAL	27108	VAL	27108	VAL	27108	VAL	27108	VAL
74-87-3	Chloromethane	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
74-83-9	Bromomethane	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
75-01-4	Vinyl chloride	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
75-00-3	Chloroethane	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
75-09-2	Methylene chloride	5.	U	5.	U	5.	U	5.	U	5.	U	5.	U
67-64-1	Acetone	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U

NAVAL WEAPONS STATION
NAVAL WEAPONS STATION (GROUNDWATER)
GROUNDWATER SAMPLES

APX9 VOA													
	SAMPLE ID ------->	018-G-W001-01		018-G-W002-01		018-G-W003-01		018-G-W004-01		018-G-W005-01		018-G-W006-01	
	ORIGINAL ID ----->	018GW00101		018GW00201		018GW00301		018GW00401		018GW00501		018GW00601	
	LAB SAMPLE ID --->	27151.02		27151.01		27132.01		27132.02		27164.01		27164.03	
	ID FROM REPORT -->	018GW00101		018GW00201		018GW00301		018GW00401		018GW00501		018GW00601	
	SAMPLE DATE ----->	09/30/96		09/30/96		09/27/96		09/27/96		10/01/96		10/01/96	
	DATE ANALYZED --->	10/04/96		10/04/96		10/03/96		10/03/96		10/07/96		10/07/96	
	MATRIX ---------->	Water		Water		Water		Water		Water		Water	
	UNITS ---------->	UG/L	A	UG/L	A	UG/L	A	UG/L	A	UG/L	A	UG/L	A
CAS #	Parameter	27108	VAL	27108	VAL	27108	VAL	27108	VAL	27108	VAL	27108	VAL
74-88-4	Methyl iodide	5.	U	5.	U	5.	U	5.	U	5.	U	5.	U
76-01-7	Pentachloroethane	5.	U	5.	U	5.	U	5.	U	5.	U	5.	U
107-05-1	3-Chloropropene	5.	U	5.	U	5.	U	5.	U	5.	U	5.	U
126-99-8	Chloroprene	5.	U	5.	U	5.	U	5.	U	5.	U	5.	U
110-57-6	trans-1,4-Dichloro-2-butene	5.	U	5.	U	5.	U	5.	U	5.	U	5.	U
75-05-8	Acetonitrile	200.	UR	200.	UR	200.	UR	200.	UR	200.	UR	200.	UR

NAVAL WEAPONS STATION
NAVAL WEAPONS STATION (GROUNDWATER)
GROUNDWATER SAMPLES

APX9 VOA

SAMPLE ID -------->	018-G-W006-1A
ORIGINAL ID ----->	018GW0061A
LAB SAMPLE ID --->	27108.01
ID FROM REPORT -->	018GW0061A
SAMPLE DATE ----->	09/26/96
DATE ANALYZED --->	10/04/96
MATRIX ---------->	Water
UNITS ---------->	UG/L A

CAS #	Parameter	27108	VAL
74-87-3	Chloromethane	10.	U
74-83-9	Bromomethane	10.	U
75-01-4	Vinyl chloride	10.	U
75-00-3	Chloroethane	10.	U
75-09-2	Methylene chloride	5.	U
67-64-1	Acetone	10.	U

NAVAL WEAPONS STATION
NAVAL WEAPONS STATION (GROUNDWATER)
GROUNDWATER SAMPLES

APX9 VOA

SAMPLE ID -------->	018-G-W006-1A
ORIGINAL ID ----->	018GW0061A
LAB SAMPLE ID --->	27108.01
ID FROM REPORT -->	018GW0061A
SAMPLE DATE ----->	09/26/96
DATE ANALYZED --->	10/04/96
MATRIX ---------->	Water
UNITS ---------->	UG/L A

CAS #	Parameter	27108	VAL
74-88-4	Methyl iodide	5.	U
76-01-7	Pentachloroethane	5.	U
107-05-1	3-Chloropropene	5.	U
126-99-8	Chloroprene	5.	U
110-57-6	trans-1,4-Dichloro-2-butene	5.	U
75-05-8	Acetonitrile	200.	UR

NAVAL WEAPONS STATION
NAVAL WEAPONS STATION (GROUNDWATER)
GROUNDWATER SAMPLES

CYANIDE													
	SAMPLE ID ------->	018-G-W001-01		018-G-W002-01		018-G-W003-01		018-G-W004-01		018-G-W005-01		018-G-W006-01	
	ORIGINAL ID ----->	018GW00101		018GW00201		018GW00301		018GW00401		018GW00501		018GW00601	
	LAB SAMPLE ID --->	27151.02		27151.01		27132.01		27132.02		27164.01		27164.03	
	ID FROM REPORT -->	018GW00101		018GW00201		018GW00301		018GW00401		018GW00501		018GW00601	
	SAMPLE DATE ----->	09/30/96		09/30/96		09/27/96		09/27/96		10/01/96		10/01/96	
	DATE EXTRACTED -->	10/08/96		10/08/96		10/02/96		10/02/96		10/08/96		10/08/96	
	DATE ANALYZED --->	10/09/96		10/09/96		10/03/96		10/03/96		10/09/96		10/09/96	
	MATRIX ---------->	Water		Water		Water		Water		Water		Water	
	UNITS ---------->	UG/L	A	UG/L	A	UG/L	A	UG/L	A	UG/L	A	UG/L	A
CAS #	Parameter	27108	VAL	27108	VAL	27108	VAL	27108	VAL	27108	VAL	27108	VAL
57-12-5	Cyanide (CN)	2.	U	2.	U	2.	U	2.	U	2.	U	2.	U

NAVAL WEAPONS STATION
NAVAL WEAPONS STATION (GROUNDWATER)
GROUNDWATER SAMPLES

CYANIDE							
	SAMPLE ID ------->	018-G-W006-1A					
	ORIGINAL ID ----->	018GW0061A					
	LAB SAMPLE ID --->	27108.01					
	ID FROM REPORT -->	018GW0061A					
	SAMPLE DATE ----->	09/26/96					
	DATE EXTRACTED -->	09/30/96					
	DATE ANALYZED --->	10/03/96					
	MATRIX ---------->	Water					
	UNITS ---------->	UG/L A					
CAS #	Parameter	27108 VAL					
57-12-5	Cyanide (CN)	2. U					

NAVAL WEAPONS STATION
NAVAL WEAPONS STATION (GROUNDWATER)
GROUNDWATER SAMPLES

EXPLOSIVES													
	SAMPLE ID ------->	018-G-W001-01		018-G-W002-01		018-G-W003-01		018-G-W004-01		018-G-W005-01		018-G-W006-01	
	ORIGINAL ID ----->	018GW00101		018GW00201		018GW00301		018GW00401		018GW00501		018GW00601	
	LAB SAMPLE ID --->	6349-02		6377-01		6341-01		6341-02		6356-02		6356-04	
	ID FROM REPORT -->	018GW00101		018GW00201		018GW00301		018GW00401		018GW00501		018GW00601	
	SAMPLE DATE ----->	09/30/96		09/30/96		09/27/96		09/27/96		10/01/96		10/01/96	
	DATE EXTRACTED -->	10/02/96		10/04/96		10/02/96		10/02/96		10/04/96		10/04/96	
	DATE ANALYZED --->	10/17/96		10/17/96		10/17/96		10/17/96		10/17/96		10/17/96	
	MATRIX ---------->	Water		Water		Water		Water		Water		Water	
	UNITS ---------->	UG/L	A	UG/L	A	UG/L	A	UG/L	A	UG/L	A	UG/L	A
CAS #	Parameter	6329	VAL	6329	VAL	6329	VAL	6329	VAL	6329	VAL	6329	VAL
118-96-7	Trinitrotoluene, 2,4,6- (TNT)	0.5	UJ	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
121-14-2	2,4-Dinitrotoluene	0.5	UJ	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
121-82-4	RDX (Cyclonite)	0.5	UJ	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
1946-51-0	4-AM-DNT	1.	UJ	1.	U	1.	U	1.	U	1.	U	1.	U
25377-32-6	1,3,5-Trinitrobenzene	0.5	UJ	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U

NAVAL WEAPONS STATION
NAVAL WEAPONS STATION (GROUNDWATER)
GROUNDWATER SAMPLES

EXPLOSIVES

SAMPLE ID -------->	018-G-W006-1A
ORIGINAL ID ----->	018GW0061A
LAB SAMPLE ID --->	6329-01
ID FROM REPORT -->	018GW0061A
SAMPLE DATE ----->	09/26/96
DATE EXTRACTED -->	10/02/96
DATE ANALYZED --->	10/17/96
MATRIX ---------->	Water
UNITS ---------->	UG/L A

CAS #	Parameter	6329	VAL
118-96-7	Trinitrotoluene, 2,4,6- (TNT)	0.5	U
121-14-2	2,4-Dinitrotoluene	0.5	U
121-82-4	RDX (Cyclonite)	0.5	U
1946-51-0	4-AM-DNT	1.	U
25377-32-6	1,3,5-Trinitrobenzene	0.5	U

NAVAL WEAPONS STATION
NAVAL WEAPONS STATION (GROUNDWATER)
GROUNDWATER SAMPLES

HERB													
	SAMPLE ID ------->	018-G-W001-01		018-G-W002-01		018-G-W003-01		018-G-W004-01		018-G-W005-01		018-G-W006-01	
	ORIGINAL ID ----->	018GW00101		018GW00201		018GW00301		018GW00401		018GW00501		018GW00601	
	LAB SAMPLE ID --->	27151.02		27151.01		27132.01		27132.02		27164.01		27164.03	
	ID FROM REPORT -->	018GW00101		018GW00201		018GW00301		018GW00401		018GW00501		018GW00601	
	SAMPLE DATE ----->	09/30/96		09/30/96		09/27/96		09/27/96		10/01/96		10/01/96	
	DATE EXTRACTED -->	10/03/96		10/03/96		09/30/96		09/30/96		10/03/96		10/03/96	
	DATE ANALYZED --->	10/05/96		10/05/96		10/08/96		10/08/96		10/05/96		10/05/96	
	MATRIX ---------->	Water		Water		Water		Water		Water		Water	
	UNITS ---------->	UG/L	A	UG/L	A	UG/L	A	UG/L	A	UG/L	A	UG/L	A
CAS #	Parameter	27108	VAL	27108	VAL	27108	VAL	27108	VAL	27108	VAL	27108	VAL
94-75-7	2,4-D	2.9	U	2.9	U	2.9	U	2.9	U	2.9	U	2.9	U
93-72-1	2,4,5-TP (Silvex)	0.97	U	0.97	U	0.97	U	0.97	U	0.97	U	0.97	U
93-76-5	2,4,5-T	1.3	U	1.3	U	1.3	U	1.3	U	1.3	U	1.3	U

NAVAL WEAPONS STATION
NAVAL WEAPONS STATION (GROUNDWATER)
GROUNDWATER SAMPLES

HERB							
	SAMPLE ID ------->	018-G-W006-1A					
	ORIGINAL ID ----->	018GW0061A					
	LAB SAMPLE ID --->	27108.01					
	ID FROM REPORT -->	018GW0061A					
	SAMPLE DATE ----->	09/26/96					
	DATE EXTRACTED -->	09/30/96					
	DATE ANALYZED --->	10/09/96					
	MATRIX ---------->	Water					
	UNITS ---------->	UG/L	A				
CAS #	Parameter	27108	VAL				
94-75-7	2,4-D	2.9	U				
93-72-1	2,4,5-TP (Silvex)	0.97	U				
93-76-5	2,4,5-T	1.3	U				

NAVAL WEAPONS STATION
NAVAL WEAPONS STATION (GROUNDWATER)
GROUNDWATER SAMPLES

NITRATE													
	SAMPLE ID ------->	018-G-W001-01		018-G-W002-01		018-G-W003-01		018-G-W004-01		018-G-W005-01		018-G-W006-01	
	ORIGINAL ID ----->	018GW00101		018GW00201		018GW00301		018GW00401		018GW00501		018GW00601	
	LAB SAMPLE ID --->	27151.02		27151.01		27132.01		27132.02		27164.01		27164.03	
	ID FROM REPORT -->	018GW00101		018GW00201		018GW00301		018GW00401		018GW00501		018GW00601	
	SAMPLE DATE ----->	09/30/96		09/30/96		09/27/96		09/27/96		10/01/96		10/01/96	
	DATE ANALYZED --->	10/10/96		10/10/96		10/01/96		10/01/96		10/10/96		10/10/96	
	MATRIX ---------->	Water		Water		Water		Water		Water		Water	
	UNITS ---------->	MG/L	A	MG/L	A	MG/L	A	MG/L	A	MG/L	A	MG/L	A
CAS #	Parameter	27108	VAL	27108	VAL	27108	VAL	27108	VAL	27108	VAL	27108	VAL
9999000-01-1	Nitrate-Nitrite-N	0.1	U	0.31		0.1	U	0.216		0.1	U	0.1	U

NAVAL WEAPONS STATION
NAVAL WEAPONS STATION (GROUNDWATER)
GROUNDWATER SAMPLES

NITRATE							
	SAMPLE ID ------->	018-G-W006-1A					
	ORIGINAL ID ----->	018GW0061A					
	LAB SAMPLE ID --->	27108.01					
	ID FROM REPORT -->	018GW0061A					
	SAMPLE DATE ----->	09/26/96					
	DATE ANALYZED --->	10/01/96					
	MATRIX ---------->	Water					
	UNITS ----------->	MG/L A					
CAS #	Parameter	27108 VAL					
9999000-01-1	Nitrate-Nitrite-N	0.1 U					

NAVAL WEAPONS STATION
NAVAL WEAPONS STATION (GROUNDWATER)
GROUNDWATER SAMPLES

PHOSPHORUS													
	SAMPLE ID ------->	018-G-W001-01		018-G-W002-01		018-G-W003-01		018-G-W004-01		018-G-W005-01		018-G-W006-01	
	ORIGINAL ID ----->	018GW00101		018GW00201		018GW00301		018GW00401		018GW00501		018GW00601	
	LAB SAMPLE ID --->	27151.02		27151.01		27132.01		27132.02		27164.01		27164.03	
	ID FROM REPORT -->	018GW00101		018GW00201		018GW00301		018GW00401		018GW00501		018GW00601	
	SAMPLE DATE ----->	09/30/96		09/30/96		09/27/96		09/27/96		10/01/96		10/01/96	
	DATE EXTRACTED -->	10/05/96		10/05/96						10/05/96		10/05/96	
	DATE ANALYZED --->	10/05/96		10/05/96		10/01/96		10/01/96		10/05/96		10/05/96	
	MATRIX ---------->	Water		Water		Water		Water		Water		Water	
	UNITS ---------->	MG/L	A	MG/L	A	MG/L	A	MG/L	A	MG/L	A	MG/L	A
CAS #	Parameter	27108	VAL	27108	VAL	27108	VAL	27108	VAL	27108	VAL	27108	VAL
7723-14-0	Phosphorus	0.12		0.1	U	0.1	U	0.1	U	0.1	U	0.1	U

NAVAL WEAPONS STATION
NAVAL WEAPONS STATION (GROUNDWATER)
GROUNDWATER SAMPLES

PHOSPHORUS							
	SAMPLE ID ------->	018-G-W006-1A					
	ORIGINAL ID ----->	018GW0061A					
	LAB SAMPLE ID --->	27108.01					
	ID FROM REPORT -->	018GW0061A					
	SAMPLE DATE ----->	09/26/96					
	DATE ANALYZED --->	10/01/96					
	MATRIX ---------->	Water					
	UNITS ---------->	MG/L A					
CAS #	Parameter	27108 VAL					
7723-14-0	Phosphorus	0.1 U					

NAVAL WEAPONS STATION
NAVAL WEAPONS STATION (GROUNDWATER)
GROUNDWATER SAMPLES

SULFIDE																	
	SAMPLE ID ------->	018-G-W001-01		018-G-W002-01		018-G-W003-01		018-G-W004-01		018-G-W005-01		018-G-W006-01	
	ORIGINAL ID ----->	018GW00101		018GW00201		018GW00301		018GW00401		018GW00501		018GW00601	
	LAB SAMPLE ID --->	27151.02		27151.01		27132.01		27132.02		27164.01		27164.03	
	ID FROM REPORT -->	018GW00101		018GW00201		018GW00301		018GW00401		018GW00501		018GW00601	
	SAMPLE DATE ----->	09/30/96		09/30/96		09/27/96		09/27/96		10/01/96		10/01/96	
	DATE ANALYZED --->	10/04/96		10/04/96		10/01/96		10/01/96		10/04/96		10/04/96	
	MATRIX ---------->	Water		Water		Water		Water		Water		Water	
	UNITS ---------->	MG/L	A	MG/L	A	MG/L	A	MG/L	A	MG/L	A	MG/L	A
CAS #	Parameter	27108	VAL	27108	VAL	27108	VAL	27108	VAL	27108	VAL	27108	VAL
18496-25-8	Sulfide	1.	U	1.	U	1.	U	1.	U	1.	U	1.	U

NAVAL WEAPONS STATION
NAVAL WEAPONS STATION (GROUNDWATER)
GROUNDWATER SAMPLES

SULFIDE							
	SAMPLE ID ------->	018-G-W006-1A					
	ORIGINAL ID ----->	018GW0061A					
	LAB SAMPLE ID --->	27108.01					
	ID FROM REPORT -->	018GW0061A					
	SAMPLE DATE ----->	09/26/96					
	DATE ANALYZED --->	10/01/96					
	MATRIX ---------->	Water					
	UNITS ---------->	MG/L A					
CAS #	Parameter	27108 VAL					
18496-25-8	Sulfide	1. U					

NAVAL WEAPONS STATION
NAVAL WEAPONS STATION (GROUNDWATER)
GROUNDWATER SAMPLES

SW846-DIOX													
	SAMPLE ID ------->	018-G-W001-01		018-G-W002-01		018-G-W003-01		018-G-W004-01		018-G-W005-01		018-G-W006-01	
	ORIGINAL ID ----->	018GW00101		018GW00201		018GW00301		018GW00401		018GW00501		018GW00601	
	LAB SAMPLE ID --->	27151.02		27151.01		27132.01		27132.02		27164.01		27164.03	
	ID FROM REPORT -->	018GW00101		018GW00201		018GW00301		018GW00401		018GW00501		018GW00601	
	SAMPLE DATE ----->	09/30/96		09/30/96		09/27/96		09/27/96		10/01/96		10/01/96	
	DATE EXTRACTED -->	10/15/96		10/04/96		09/30/96		09/30/96		10/04/96		10/04/96	
	DATE ANALYZED --->	10/22/96		10/11/96		10/04/96		10/04/96		10/11/96		10/11/96	
	MATRIX ---------->	Water		Water		Water		Water		Water		Water	
	UNITS ---------->	PG/L	A	PG/L	A	PG/L	A	PG/L	A	PG/L	A	PG/L	A
CAS #	Parameter	27108	VAL	27108	VAL	27108	VAL	27108	VAL	27108	VAL	27108	VAL
1746-01-6	2378-TCDD	2.7	U	0.848	U	2.7	U	2.38	U	1.37	U	2.45	U
40321-76-4	12378-PeCDD	3.57	U	1.65	U	4.97	U	2.68	U	1.59	U	2.2	U
39227-28-6	123478-HxCDD	6.31	U	1.25	U	5.71	U	3.14	U	1.82	U	3.17	U
57653-85-7	123678-HxCDD	4.58	U	0.91	U	4.14	U	2.28	U	1.32	U	2.3	U
19408-74-3	123789-HxCDD	4.77	U	0.947	U	4.31	U	2.37	U	1.38	U	2.4	U

NAVAL WEAPONS STATION
NAVAL WEAPONS STATION (GROUNDWATER)
GROUNDWATER SAMPLES

SW846-DIOX

SAMPLE ID ------->	018-G-W006-1A
ORIGINAL ID ----->	018GW0061A
LAB SAMPLE ID --->	27108.01
ID FROM REPORT -->	018GW0061A
SAMPLE DATE ----->	09/26/96
DATE EXTRACTED -->	09/30/96
DATE ANALYZED --->	10/04/96
MATRIX ---------->	Water
UNITS ----------->	PG/L A

CAS #	Parameter	27108	VAL
1746-01-6	2378-TCDD	2.5	U
40321-76-4	12378-PeCDD	4.88	U
39227-28-6	123478-HxCDD	7.5	U
57653-85-7	123678-HxCDD	5.44	U
19408-74-3	123789-HxCDD	5.67	U

NAVAL WEAPONS STATION
NAVAL WEAPONS STATION (GROUNDWATER)
GROUNDWATER SAMPLES

SW846-META													
	SAMPLE ID ------->	018-G-W001-01		018-G-W002-01		018-G-W003-01		018-G-W004-01		018-G-W005-01		018-G-W006-01	
	ORIGINAL ID ----->	018GW00101		018GW00201		018GW00301		018GW00401		018GW00501		018GW00601	
	LAB SAMPLE ID --->	27151.02		27151.01		27132.01		27132.02		27164.01		27164.03	
	ID FROM REPORT -->	018GW00101		018GW00201		018GW00301		018GW00401		018GW00501		018GW00601	
	SAMPLE DATE ----->	09/30/96		09/30/96		09/27/96		09/27/96		10/01/96		10/01/96	
	DATE EXTRACTED -->	10/03/96		10/03/96		10/03/96		10/03/96		10/11/96		10/11/96	
	DATE ANALYZED --->	10/15/96		10/15/96		10/15/96		10/15/96		10/17/96		10/17/96	
	MATRIX ---------->	Water		Water		Water		Water		Water		Water	
	UNITS ---------->	UG/L	A	UG/L	A	UG/L	A	UG/L	A	UG/L	A	UG/L	A
CAS #	Parameter	27108	VAL	27108	VAL	27108	VAL	27108	VAL	27108	VAL	27108	VAL
7429-90-5	Aluminum (Al)	317.		296.		6160.		136.		190.		2150.	
7440-36-0	Antimony (Sb)	2.1	U	2.1	U	3.8	J	2.3	J	2.1	U	2.1	U
7440-38-2	Arsenic (As)	2.5	U	2.5	U	5.2	J	2.5	U	2.5	U	2.5	U
7440-39-3	Barium (Ba)	116.		36.5		99.9		19.		17.5		137.	
7440-41-7	Beryllium (Be)	0.81	U	0.53	U	2.4	J	0.5	U	0.74	U	2.3	J

NAVAL WEAPONS STATION
NAVAL WEAPONS STATION (GROUNDWATER)
GROUNDWATER SAMPLES

SW846-META			
	SAMPLE ID ------->	018-G-W006-1A	
	ORIGINAL ID ----->	018GW0061A	
	LAB SAMPLE ID --->	27108.01	
	ID FROM REPORT -->	018GW0061A	
	SAMPLE DATE ----->	09/26/96	
	DATE EXTRACTED -->	10/03/96	
	DATE ANALYZED --->	10/15/96	
	MATRIX ---------->	Water	
	UNITS ----------->	UG/L	A
CAS #	Parameter	27108	VAL
7429-90-5	Aluminum (Al)	869.	
7440-36-0	Antimony (Sb)	2.1	U
7440-38-2	Arsenic (As)	3.	J
7440-39-3	Barium (Ba)	130.	
7440-41-7	Beryllium (Be)	2.	U

NAVAL WEAPONS STATION
NAVAL WEAPONS STATION (GROUNDWATER)
GROUNDWATER SAMPLES

SW846-PEST													
	SAMPLE ID ------->	018-G-W001-01		018-G-W002-01		018-G-W003-01		018-G-W004-01		018-G-W005-01		018-G-W006-01	
	ORIGINAL ID ----->	018GW00101		018GW00201		018GW00301		018GW00401		018GW00501		018GW00601	
	LAB SAMPLE ID --->	27151.02		27151.01		27132.01		27132.02		27164.01		27164.03	
	ID FROM REPORT -->	018GW00101		018GW00201		018GW00301		018GW00401		018GW00501		018GW00601	
	SAMPLE DATE ----->	09/30/96		09/30/96		09/27/96		09/27/96		10/01/96		10/01/96	
	DATE EXTRACTED -->	10/02/96		10/02/96		09/30/96		09/30/96		10/03/96		10/03/96	
	DATE ANALYZED --->	10/06/96		10/06/96		10/12/96		10/12/96		10/22/96		10/22/96	
	MATRIX ---------->	Water		Water		Water		Water		Water		Water	
	UNITS ---------->	UG/L	A	UG/L	A	UG/L	A	UG/L	A	UG/L	A	UG/L	A
CAS #	Parameter	27108	VAL	27108	VAL	27108	VAL	27108	VAL	27108	VAL	27108	VAL
319-84-6	alpha-BHC	0.04	U	0.04	U	0.04	U	0.04	U	0.04	U	0.04	U
319-85-7	beta-BHC	0.04	U	0.04	U	0.04	U	0.04	U	0.04	U	0.04	U
319-86-8	delta-BHC	0.04	U	0.04	U	0.04	U	0.04	U	0.04	U	0.04	U
58-89-9	gamma-BHC (Lindane)	0.04	U	0.04	U	0.04	U	0.04	U	0.04	U	0.04	U
76-44-8	Heptachlor	0.04	U	0.04	U	0.04	U	0.04	U	0.04	U	0.04	U

NAVAL WEAPONS STATION
NAVAL WEAPONS STATION (GROUNDWATER)
GROUNDWATER SAMPLES

SW846-PEST			
	SAMPLE ID ------->	018-G-W006-1A	
	ORIGINAL ID ----->	018GW0061A	
	LAB SAMPLE ID --->	27108.01	
	ID FROM REPORT -->	018GW0061A	
	SAMPLE DATE ----->	09/26/96	
	DATE EXTRACTED -->	09/30/96	
	DATE ANALYZED --->	10/12/96	
	MATRIX ---------->	Water	
	UNITS ---------->	UG/L	A
CAS #	Parameter	27108	VAL
319-84-6	alpha-BHC	0.04	U
319-85-7	beta-BHC	0.04	U
319-86-8	delta-BHC	0.04	U
58-89-9	gamma-BHC (Lindane)	0.04	U
76-44-8	Heptachlor	0.04	U

APPENDIX G
GROUNDWATER HITS

Table G-1
Chemicals Present in Groundwater Samples

NAME	SAMPLE ID	RESULT	CONC UNITS	VQUAL
Inorganics				
Aluminum (Al)	018GW00101	317.0000	UG/L	
Aluminum (Al)	018GW00201	296.0000	UG/L	
Aluminum (Al)	018GW00301	6160.0000	UG/L	
Aluminum (Al)	018GW00401	136.0000	UG/L	
Aluminum (Al)	018GW00501	190.0000	UG/L	
Aluminum (Al)	018GW00601	2150.0000	UG/L	
Aluminum (Al)	018GW0061A	869.0000	UG/L	
Antimony (Sb)	018GW00301	3.8000	UG/L	J
Antimony (Sb)	018GW00401	2.3000	UG/L	J
Arsenic (As)	018GW00301	5.2000	UG/L	J
Arsenic (As)	018GW0061A	3.0000	UG/L	J
Barium (Ba)	018GW00101	116.0000	UG/L	
Barium (Ba)	018GW00201	36.5000	UG/L	
Barium (Ba)	018GW00301	99.9000	UG/L	
Barium (Ba)	018GW00401	19.0000	UG/L	
Barium (Ba)	018GW00501	17.5000	UG/L	
Barium (Ba)	018GW00601	137.0000	UG/L	
Barium (Ba)	018GW0061A	130.0000	UG/L	
Beryllium (Be)	018GW00301	2.4000	UG/L	J
Beryllium (Be)	018GW00601	2.3000	UG/L	J
Cadmium (Cd)	018GW00101	0.5900	UG/L	J
Cadmium (Cd)	018GW00201	0.8100	UG/L	J
Cadmium (Cd)	018GW00401	0.6500	UG/L	J
Calcium (Ca)	018GW00101	46300.0000	UG/L	
Calcium (Ca)	018GW00201	2950.0000	UG/L	
Calcium (Ca)	018GW00301	19800.0000	UG/L	
Calcium (Ca)	018GW00401	1770.0000	UG/L	
Calcium (Ca)	018GW00501	5080.0000	UG/L	
Calcium (Ca)	018GW00601	6980.0000	UG/L	
Calcium (Ca)	018GW0061A	6810.0000	UG/L	
Chromium (Cr)	018GW00301	15.0000	UG/L	
Cobalt (Co)	018GW00101	12.6000	UG/L	J
Cobalt (Co)	018GW00201	2.1000	UG/L	J
Cobalt (Co)	018GW00301	13.6000	UG/L	J
Cobalt (Co)	018GW00401	1.4000	UG/L	J
Cobalt (Co)	018GW00501	2.4000	UG/L	J
Cobalt (Co)	018GW00601	6.9000	UG/L	J
Cobalt (Co)	018GW0061A	8.2000	UG/L	J
Iron (Fe)	018GW00101	8170.0000	UG/L	
Iron (Fe)	018GW00201	511.0000	UG/L	

Table G-1
Chemicals Present in Groundwater Samples

NAME	SAMPLE ID	RESULT	CONC UNITS	VQUAL
Inorganics				
Iron (Fe)	018GW00301	7710.0000	UG/L	
Iron (Fe)	018GW00401	263.0000	UG/L	
Iron (Fe)	018GW00601	3450.0000	UG/L	
Iron (Fe)	018GW0061A	1440.0000	UG/L	
Magnesium (Mg)	018GW00101	72500.0000	UG/L	
Magnesium (Mg)	018GW00201	743.0000	UG/L	
Magnesium (Mg)	018GW00301	5050.0000	UG/L	
Magnesium (Mg)	018GW00401	343.0000	UG/L	J
Magnesium (Mg)	018GW00501	930.0000	UG/L	
Magnesium (Mg)	018GW00601	2670.0000	UG/L	
Magnesium (Mg)	018GW0061A	2550.0000	UG/L	
Manganese (Mn)	018GW00101	205.0000	UG/L	
Manganese (Mn)	018GW00201	21.7000	UG/L	
Manganese (Mn)	018GW00301	74.1000	UG/L	
Manganese (Mn)	018GW00401	11.4000	UG/L	
Manganese (Mn)	018GW00501	27.3000	UG/L	
Manganese (Mn)	018GW00601	47.0000	UG/L	
Manganese (Mn)	018GW0061A	44.8000	UG/L	
Nickel (Ni)	018GW00101	28.0000	UG/L	
Nickel (Ni)	018GW00201	6.5000	UG/L	J
Nickel (Ni)	018GW00301	24.5000	UG/L	J
Nickel (Ni)	018GW00401	9.3000	UG/L	J
Nickel (Ni)	018GW00501	8.2000	UG/L	J
Nickel (Ni)	018GW00601	11.6000	UG/L	J
Nickel (Ni)	018GW0061A	14.7000	UG/L	J
Potassium (K)	018GW00101	10500.0000	UG/L	
Sodium (Na)	018GW00101	459000.0000	UG/L	
Sodium (Na)	018GW00301	147000.0000	UG/L	
Sodium (Na)	018GW00601	59300.0000	UG/L	
Sodium (Na)	018GW0061A	56700.0000	UG/L	
Vanadium (V)	018GW00301	15.1000	UG/L	J
Vanadium (V)	018GW00501	0.6000	UG/L	J
Vanadium (V)	018GW00601	4.8000	UG/L	J
Vanadium (V)	018GW0061A	1.7000	UG/L	J
Zinc (Zn)	018GW00101	901.0000	UG/L	
Organics				
Tetrachloroethene	018GW00101	1	UG/L	J

APPENDIX H
SOIL COPCs

Table H-1
Soil COPCs as Determined by Residential RBC and SSL Screening

NAME	SAMPLE-ID	RESULT (ppm)	VQUAL	RESIDENTIAL RBC or SSL (ppm)	PRG -TYPE
Inorganics					
Arsenic (As)	018-S-B021-01	1.7000	J	0.4300	USEPA-RBC
Arsenic (As)	018-S-G010-01	1.7000		0.4300	USEPA-RBC
Arsenic (As)	018-S-G001-01	2.1000		0.4300	USEPA-RBC
Arsenic (As)	018-S-G011-01	2.1000		0.4300	USEPA-RBC
Arsenic (As)	018-S-B001-01	2.2000		0.4300	USEPA-RBC
Arsenic (As)	018-S-B010-01	2.4000		0.4300	USEPA-RBC
Arsenic (As)	018-S-B018-01	2.4000		0.4300	USEPA-RBC
Arsenic (As)	018-S-B022-01	2.4000	J	0.4300	USEPA-RBC
Arsenic (As)	018-S-B016-01	2.5000		0.4300	USEPA-RBC
Arsenic (As)	018-S-B017-01	2.7000		0.4300	USEPA-RBC
Arsenic (As)	018-S-G012-01	2.8000		0.4300	USEPA-RBC
Arsenic (As)	018-S-G009-01	3.0000		0.4300	USEPA-RBC
Arsenic (As)	018-S-B007-01	3.1000		0.4300	USEPA-RBC
Arsenic (As)	018-S-G008-01	3.1000		0.4300	USEPA-RBC
Arsenic (As)	018-S-B013-01	3.2000		0.4300	USEPA-RBC
Arsenic (As)	018-S-B011-01	3.4000		0.4300	USEPA-RBC
Arsenic (As)	018-S-B019-01	3.4000		0.4300	USEPA-RBC
Arsenic (As)	018-S-B005-01	3.6000		0.4300	USEPA-RBC
Arsenic (As)	018-S-B006-01	3.6000		0.4300	USEPA-RBC
Arsenic (As)	018-S-B015-01	3.6000		0.4300	USEPA-RBC
Arsenic (As)	018-S-G003-01	3.6000		0.4300	USEPA-RBC
Arsenic (As)	018-S-G007-01	3.7000		0.4300	USEPA-RBC
Arsenic (As)	018-S-B003-01	3.8000		0.4300	USEPA-RBC
Arsenic (As)	018-S-B008-01	4.2000		0.4300	USEPA-RBC
Arsenic (As)	018-S-G004-01	4.4000		0.4300	USEPA-RBC
Arsenic (As)	018-S-B020-01	4.5000	J	0.4300	USEPA-RBC
Arsenic (As)	018-S-G005-01	4.6000	J	0.4300	USEPA-RBC
Arsenic (As)	018-S-B012-01	4.7000		0.4300	USEPA-RBC
Arsenic (As)	018-S-G002-01	5.3000		0.4300	USEPA-RBC
Arsenic (As)	018-S-G006-01	6.0000	J	0.4300	USEPA-RBC
Arsenic (As)	018-S-B009-01	6.5000		0.4300	USEPA-RBC
Arsenic (As)	018-S-B014-01	7.0000	J	0.4300	USEPA-RBC
Arsenic (As)	018-S-B004-01	8.4000		0.4300	USEPA-RBC
Arsenic (As)	018-S-B002-01	10.4000		0.4300	USEPA-RBC
Barium (Ba)	018-S-G002-02	2810.0000		1648.0000	USEPA-SSL
Beryllium (Be)	018-S-B013-01	0.2200		0.1500	USEPA-RBC
Beryllium (Be)	018-S-B022-01	0.2200		0.1500	USEPA-RBC
Beryllium (Be)	018-S-G004-01	0.2200		0.1500	USEPA-RBC
Beryllium (Be)	018-S-G007-01	0.2200		0.1500	USEPA-RBC

Table H-1
Soil COPCs as Determined by Residential RBC and SSL Screening

NAME	SAMPLE-ID	RESULT	VQUAL	RESIDENTIAL RBC or SSL (ppm)	PRG -TYPE
Inorganics					
Beryllium (Be)	018-S-B020-01	0.2300	J	0.1500	USEPA-RBC
Beryllium (Be)	018-S-G001-01	0.2300		0.1500	USEPA-RBC
Beryllium (Be)	018-S-G011-01	0.2300		0.1500	USEPA-RBC
Beryllium (Be)	018-S-G006-01	0.2400		0.1500	USEPA-RBC
Beryllium (Be)	018-S-G012-01	0.2400		0.1500	USEPA-RBC
Beryllium (Be)	018-S-G010-01	0.2600		0.1500	USEPA-RBC
Beryllium (Be)	018-S-G008-01	0.2700		0.1500	USEPA-RBC
Beryllium (Be)	018-S-B011-01	0.2800		0.1500	USEPA-RBC
Beryllium (Be)	018-S-G003-01	0.2800		0.1500	USEPA-RBC
Beryllium (Be)	018-S-G005-01	0.2800		0.1500	USEPA-RBC
Beryllium (Be)	018-S-B016-01	0.3100		0.1500	USEPA-RBC
Beryllium (Be)	018-S-B012-01	0.3200	J	0.1500	USEPA-RBC
Beryllium (Be)	018-S-G002-01	0.3200		0.1500	USEPA-RBC
Beryllium (Be)	018-S-B018-01	0.3500		0.1500	USEPA-RBC
Beryllium (Be)	018-S-B019-01	0.3600		0.1500	USEPA-RBC
Beryllium (Be)	018-S-G009-01	0.4400		0.1500	USEPA-RBC
Beryllium (Be)	018-S-B021-01	0.4700		0.1500	USEPA-RBC
Beryllium (Be)	018-S-B006-01	0.5000		0.1500	USEPA-RBC
Beryllium (Be)	018-S-B014-01	0.6300		0.1500	USEPA-RBC
Beryllium (Be)	018-S-B007-01	0.7300		0.1500	USEPA-RBC
Cadmium (Cd)	018-S-G004-01	6.4000	J	3.9000	USEPA-RBC
Cadmium (Cd)	018-S-G003-01	8.0000	J	3.9000	USEPA-RBC
Copper (Cu)	018-S-B017-04	56.8000		40.5000	USEPA-SSL
Copper (Cu)	018-S-G006-03	138.0000		40.5000	USEPA-SSL
Copper (Cu)	018-S-G010-01	410.0000		310.0000	USEPA-RBC
Copper (Cu)	018-S-G006-01	4840.0000	J	310.0000	USEPA-RBC
Iron (Fe)	018-S-B004-01	23600.0000		23000.0000	USEPA-RBC
Lead (Pb)	018-S-B016-02	71.3000		66.7000	USEPA-SSL
Lead (Pb)	018-S-B017-04	101.0000		66.7000	USEPA-SSL
Manganese (Mn)	018-S-G010-01	207.0000	J	180.0000	USEPA-RBC
Thallium (Tl)	018-S-B015-04	0.7400	J	0.7100	USEPA-SSL
Thallium (Tl)	018-S-B007-03	0.8900	J	0.7100	USEPA-SSL
Tin (Sn)	018-S-G002-02	24.5000		4.7500	USEPA-SSL

Table H-1
Soil COPCs as Determined by Residential RBC and SSL Screening

NAME	SAMPLE-ID	RESULT (ppb)	VQUAL	RESIDENTIAL RBC or SSL (ppb)	PRG -TYPE
Organics					
Benzon(a)Pyrene	018-G-012-01	210.0000		88.0000	USEPA-RBC
Beta-BHC	018-S-G006-04	9.3000		2.0000	USEPA-SSL
Toxaphene	018-S-G005-01	1600.0000	D	580.0000	USEPA-RBC
Toxaphene	018-S-G006-04	4300.0000	DJ	42.0000	USEPA-SSL
Notes:					
1. Risk Based Concentrations (RBCs) for soil ingestion and Soil Screening Levels (SSLs)					
for transfers from soil to groundwater were obtained from USEPA, Region III					
Risk Based Concentration Tables, July 9, 1996.					
2. Background as determined by the 2x mean method.					
3. NA - Not available or not applicable.					

Table H-2
Soil COPCs as Determined by Residential
RBC, SSL, and Background Screening

NAME	SAMPLE_ID	RESULT (ppm)	VQUAL	RESIDENTIAL RBC or SSL (ppm)	PRG_TYPE	BACKGROUND (ppm)
Inorganics						
Arsenic (As)	018-S-B009-01	6.5000		0.4300	USEPA-RBC	6.1
Arsenic (As)	018-S-B014-01	7.0000	J	0.4300	USEPA-RBC	6.1
Arsenic (As)	018-S-B004-01	8.4000		0.4300	USEPA-RBC	6.1
Arsenic (As)	018-S-B002-01	10.4000		0.4300	USEPA-RBC	6.1
Beryllium (Be)	018-S-B007-01	0.7300		0.1500	USEPA-RBC	0.71
Copper (Cu)	018-S-G006-01	4840.0000	J	3100.0000	USEPA-RBC	NA
Iron (Fe)	018-S-B004-01	23600.0000		23000.0000	USEPA-RBC	15055
Barium (Ba)	018-S-G002-02	2810.0000		1648.0000	USEPA-SSL	50.16
Lead (Pb)	018-S-B016-02	71.3000		66.7000	USEPA-SSL	28.56
Lead (Pb)	018-S-B017-04	101.0000		66.7000	USEPA-SSL	28.56
Thallium (Tl)	018-S-B015-04	0.7400	J	0.7100	USEPA-SSL	NA
Thallium (Tl)	018-S-B007-03	0.8900	J	0.7100	USEPA-SSL	NA
NAME	**SAMPLE_ID**	**RESULT (ppb)**	**VQUAL**	**RESIDENTIAL RBC or SSL (ppb)**	**PRG_TYPE**	**BACKGROUND (ppb)**
Organics						
Benzo(a)Pyrene	018-G-012-01	210		88	USEPA-RBC	NA
Beta-BHC	018-S-G006-04	9.3		2	USEPA-SSL	NA
Toxaphene	018-S-G005-01	1600	D	580	USEPA-RBC	NA
Toxaphene	018-S-G006-04	4300	DJ	42	USEPA-SSL	NA
Notes:						
1. Risk Based Concentrations (RBCs) for soil ingestion and Soil Screening Levels (SSLs)						
for transfers from soil to groundwater were obtained from USEPA, Region III						
Risk Based Concentration Tables, July 9, 1996.						
2. Background as determined by the 2x mean method.						
3. NA - Not available or not applicable.						

Table H-3
Soil COPCs as Determined by Background and Industrial RBC Screening

NAME	SAMPLE-ID	RESULT (ppm)	VQUAL	INDUSTRIAL RBC or SSL (ppm)	PRG-TYPE	BACKGROUND (ppm)
Inorganics						
Arsenic (As)	018-S-B009-01	6.5000		3.8	USEPA-RBC	6.1
Arsenic (As)	018-S-B014-01	7.0000	J	3.8	USEPA-RBC	6.1
Arsenic (As)	018-S-B004-01	8.4000		3.8	USEPA-RBC	6.1
Arsenic (As)	018-S-B002-01	10.4000		3.8	USEPA-RBC	6.1
Iron (Fe)	018-S-B004-01	23600.0000		NA	USEPA-RBC	15055
Barium (Ba)	018-S-G002-02	2810.0000		32	USEPA-SSL	50.16
Lead (Pb)	018-S-B016-02	71.3000		NA	USEPA-SSL	28.56
Lead (Pb)	018-S-B017-04	101.0000		NA	USEPA-SSL	28.56
Thallium (Tl)	018-S-B015-04	0.7400	J	NA	USEPA-SSL	NA
Thallium (Tl)	018-S-B007-03	0.8900	J	NA	USEPA-SSL	NA
NAME	**SAMPLE-ID**	**RESULT (ppb)**	**VQUAL**	**INDUSTRIAL RBC or SSL (ppb)**	**PRG-TYPE**	**BACKGROUND (ppb)**
Organics						
Toxaphene	018-S-G006-04	4300		40	USEPA-SSL	NA
beta-BHC	018-S-G006-04	9.3		2	USEPA-SSL	NA
Notes:						
1. Risk Based Concentrations (RBCs) for soil ingestion and Soil Screening Levels (SSLs)						
for transfers from soil to groundwater were obtained from the USEPA, Region III						
Risk Based Concentration Tables, July 9, 1996.						
2. Background as determined by the 2x mean method.						
3. NA - Not available or not applicable.						

APPENDIX I

PROPOSED BASELINE RISK ASSESSMENT PROCESS

BASELINE RISK ASSESSMENT

BASIS FOR APPROACH

To evaluate the significance of analytical results obtained for this investigation, it is necessary to differentiate between naturally occurring and/or non-site-related anthropogenic medium constituents, and xenobiotics present due to site impacts. During RCRA closures, this differentiation is typically accomplished by determining background parameter concentrations. Compounds in site samples that exceed background are assumed to indicate "contamination". Where naturally occurring inorganics concentrations vary greatly, the false positive rate for identifying contaminants may be unacceptably high. This may also be true for organic compounds present in samples as a result of processes unrelated to site activities. To more accurately make conclusions regarding the significance of the data, risk assessments are performed to evaluate the risk and/or hazard posed to exposed individuals and/or biota. The following sections outline the proposed approach for a risk-based closure at the Southside OB/OD unit at Naval Weapons Station Charleston.

Data Collection and Evaluation

Typically, a minimal number of highly biased samples are collected and analyzed following DQO Level III and IV protocols and procedures. Selection of sampling locations and monitoring parameters described in the closure plan were generally selected based on information such as the type of investigation, medium to be investigated, verifiable historical information, degree of waste characterization through sampling and analysis, extent of the release, constituent concentration within contaminated media, and potential degradation products. In the absence of all or part of the information listed above, the biased samples would likely be analyzed for a broad spectrum of compounds to reduce the possibility of overlooking any contaminants which may be of concern. If the investigation is conducted in phases, each phase will build upon the findings of the previous phase. At the present time no additional soil or groundwater sampling is recommended. It proposed that the existing data be evaluated following the process outlined below to determine if the site poses a risk or hazard to human health.

The initial step in data evaluation will be to compile a list of chemicals present in site samples (CPSS). Because most organic compounds are not naturally occurring, it is generally assumed that concentrations above detection are present as a result of site impacts absent additional information to the contrary. However, there may be exceptions if background evaluation indicates that the organics detected are ubiquitous across a zone or the facility itself, rather than site-specific. Examples of potential non site-related anthropogenic sources which could result in the exclusion of organic compounds through appropriate background comparisons are:

- Semivolatile organic compounds (SVOCs) associated with by-products of incomplete fossil fuel combustion are common in urban/industrial areas. Consistently elevated concentrations of these parameters near roadways and railways or heavy traffic waterways may suggest that their presence is not associated with past hazardous materials/waste operations. In addition, polycyclic aromatic hydrocarbons (PAHs) are present in asphalt and other petroleum-derived surfacing materials. Sampling methods will exclude these materials but the data evaluation process will consider the location's proximity to such surfaces. In some instances, volatile organic compounds (VOCs) may also be found in association with these materials.

- Numerous pesticides were formerly used for general pest control in many areas of the southeastern United States. Due to their persistence, residual concentrations of these compounds may be expected in environmental media at the Naval Weapons Station.

With regard to groundwater, background levels will also be of use when determining aquifer quality reference levels. The South Carolina Water Classifications and Standards, R.61-68, classifies all groundwater as GB, or as an underground source of drinking water. Situations may exist where background levels of naturally occurring inorganics pose a risk or hazard to human health. Even so, it would be impractical to cleanup up to levels below what is naturally present. Therefore, determining background or reference levels of groundwater quality will be an important measure in determining if any remedial effort is required.

The next step in the process involves further refinement of the CPSS list to identify the chemicals of potential concern. For surface soil, this is accomplished by comparing CPSS to surface soil background concentrations and the USEPA Region III Risk Based Screening Concentrations (RBCs) for a residential scenario. For subsurface soil, identification of chemicals of potential concern (COPCs) is accomplished by comparing CPSS to soil screening levels (SSLs) for protection of groundwater. Background concentrations will be established following the procedures outlined in the closure plan. Generally, any of the CPSS which exceed both the background and the residential RBC or SSL thresholds are listed as COPCs, but there are some exceptions. The list of COPCs represents the compounds which are carried forward into the baseline risk assessment for an in-depth evaluation to determine the relative significance of the concentrations present with respect to human health and the environment.

Sampling endpoints are defined by establishing preliminary remediation goals (PRGs) for the COPCs found at the investigational unit. At this point in the investigation, the PRGs will be designed to provide a slightly over-conservative estimate of cleanup levels to ensure that enough data are collected to define the extent of contamination to levels protective of the most sensitive populations. Therefore, for purposes of the closure, the extent of contamination is defined as the horizontal and vertical area in which the concentrations of COPCs in the environmental media being investigated exceed PRGs or background concentrations indicative of the region, whichever is appropriate. If the initial sampling efforts are inadequate to define the extent of contamination, sampling will continue. The results of the initial phase investigation, as well as field data and/or observations generated during a second phase of the investigation, will be used to adjust and/or redirect the Phase II efforts. Adjustments to the Phase II scope of work may include reduction in the suite of analytical parameters to address only methods applicable to COPCs, except for compounds detected in groundwater. Selection of groundwater parameters will be based on CPSS due to potentially low action levels and the potential for enhanced mobility of contaminants. Remedial actions will depend on the identification and quantification of COPCs. If a compound is absent, or present at concentrations too low to result in it's being identified as a COPC, there would be little or no added benefit in continuing to analyze for the compound, except for those present in groundwater.

Reduction of analytical parameters during subsequent phases of sampling, inclusive of groundwater monitoring events, will be evaluated on a site-specific basis. Conditions under which the analytical parameters may be reduced will include but may not be limited to:

- The data used to make such decisions must be verifiable such as DQO Level III or IV analytical results.

- Analytical method detection limits were low enough to identify any COPCs present.

- Results of the initial sampling efforts indicate with a high degree of probability that the "worst case" conditions have been defined and the chances of overlooking additional COPCs are very minimal.

- Fate and transport properties of the contaminants are carefully evaluated to ensure that potential degradation products are not overlooked.

Application of Biased/Unbiased Data Sets:

The principal purpose of the investigation to be conducted at the Southside OB/OD facility is to establish what actions (remedial or institutional) will be needed to protect human health and the environment under future land use scenarios. For this planning to be most effective, it is necessary to map COPC concentrations for remedial action and the risk posed by each under both future residential and industrial use scenarios. Conventional methods of classical statistical analysis used in risk assessment are not well suited for spatial analysis, and it is anticipated that additional methods will be used for this phase of the investigation.

An effective approach to the problem of mapping a probability-based decision process at a hazardous waste site is a methodology developed by A. Journel for USEPA Region IX at the Environmental Monitoring Lab in Las Vegas, using techniques known as non-parametric geostatistics. The full approach will not be detailed here, but interested readers may refer to Journel's chapter in *Principles of Environmental Sampling* (L.H. Keith, ed. American Chemical

Society, Washington, DC, 45-72) for a more detailed discussion. Briefly, the process of interpolating of a spatially continuous variable to non-sampled locations is known as ordinary kriging. Like other statistical methods, this process can estimate the measure of uncertainty about the estimated value. However, the ability to make this inference comes with a cost: additional assumptions need to be made about the probability distribution function of the process. When making such an assumption is undesirable, a class of statistical techniques has been developed known as non-parametric, or distribution free statistics. When dealing with spatial, or "regionalized" random variables, non-parametric geostatistics are used. The interpolation technique then used is known as *indicator kriging*. Lognormality or any other specific distributional form does not have to be assumed. This is necessary in the case of risk, as there is no simple relationship between risk and concentration. In a case study regarding a lead smelter, Journel used such methods to determine the spatial extent of contamination, as defined by the exceedence of a certain threshold value. In addition, the probability of a Type I or Type II error was mapped to help guide the decision for proceeding with additional sampling. It is anticipated that a similar process, extended to include exposure considerations, will be useful at the Southside OB/OD facility.

Geostatistical techniques are now commonly used to help determine the vertical and horizontal extent of contamination. Extension to risk posed by this contamination will be guided by EPA threshold values for various exposure scenarios, but knowledge of the exact nature of the relationship between risk and concentration will not be necessary by using non-parametric methods. The interpolated risk for various thresholds will be used to determine contour lines of equal risk for a particular chemical, or several chemicals simultaneously. The impact of different land use scenarios, using different default assumptions regarding exposure, can be presented in a visually integrated manner that should assist with land use planning and risk-management decisions.

HUMAN HEALTH RISK ASSESSMENT

The human health assessment considers environmental media and exposure pathways that could result in unacceptable levels of exposure now or in the foreseeable future. The value of the baseline risk assessment (BRA) as a basis for making remedial decisions depends on adequately characterizing site chemical contamination. Variables considered in characterizing the site and its associated risk are the amount, type, and location of contaminant sources; the pathways of exposure (media type and migration routes); and the type, sensitivities, exposure duration, and dynamics of the exposed populations (receptors). The closure investigation will provide the site characterization data used in this assessment.

The risk assessment will be developed as suggested in Risk Assessment Guidance for Superfund (RAGS) This guidance may be supplemented, as stated in 40 CFR 264.91, "The Regional Administrator may include one or more of the programs identified in paragraph (a) of this section in the facility permit as may be necessary to protect human health and the environment and will specify the circumstances under which each of the programs will be required." Specific guidance on conducting a BRA, including a full quantitative risk assessment for likely exposure pathways, is provided in the following USEPA documents:

- Risk Assessment Guidance for Superfund, Volume I: Human Health Evaluation Manual, Parts A & B, U.S. Environmental Protection Agency (USEPA)/OERR, EPA/540/1-89/002, December 1989 and EPA/540/R92/003, December 1991 (Interim). (RAGS, Parts A & B).

- Risk Assessment Guidance for Superfund, Volume I: Human Health Evaluation Manual, *Supplemental Guidance-Standard Default Exposure Factors-Interim Final*, USEPA/OERR, OSWER Directive: 9285.6-03, March 25, 1991.

- Risk Assessment Guidance for Superfund, Volume II: Environmental Evaluation Manual, Interim Final, USEPA/OERR, EPA/540/1-89/001, March 1989.

- Supplemental Region IV Risk Assessment Guidance (March 26, 1991).

- New Interim Region IV Guidance (February 11, 1992).

- Draft Supplemental Guidance to RAGS: Region IV Bulletin, *Default Oral Absorption Values for Dermal Reference Dose Adjustment*, USEPA, March 1994.

- Draft Supplemental Guidance to RAGS: Region IV Bulletin, *Development of Health Based Preliminary Remediation Goals, Remedial Goal Options and Remediation Levels*, USEPA, March, 1994

- Draft Supplemental Guidance to RAGS: Region IV Bulletin, *Exposure to VOCs during Domestic Water Use: Contributions from Ingestion, Showering and Other Uses*, USEPA, March, 1994

- Region III Technical Guidance Manual Risk Assessment, *Selecting Exposure Routes and Chemicals of Concern by Risk-Based Screening,* USEPA, EPA/903/R-93-001, January, 1993.

In summary, the process of human health risk assessment can be roughly considered as a series of steps. The first is contaminant identification using risk-based screening methods. The second is exposure assessment, which includes analysis of any appropriate site-specific data which depart from the default exposure scenario. Third is toxicity assessment, which incorporates any path-specific toxicological information into the exposure assessment. Fourth is risk characterization, a step which summarizes the investigation in terms of incremental risk or hazard posed by the site. An uncertainty assessment is conducted in parallel with all of the steps listed above. The objective of the uncertainty assessment is to evaluate uncertainties inherent in the risk assessment process. For example, the use of the upper confidence limit as the exposure point concentration is a method of reducing uncertainty. However, a safety factor based on the standard deviation and number of samples is included in the UCL. During the risk

characterization process, the risk is added to determine the incremental excess cancer risk for each exposure pathway. Risk was calculated based on the UCL, and the safety factor of the incremental risk is the sum of all the individual safety factors. This multiplicative or exponential conservatism is inherent in the risk assessment process, and is also evident in the uncertainty factor and modifying factor applied to RfDs. It is not possible to eliminate all uncertainties; however, recognizing the uncertainties is fundamental to understanding and using risk assessment results.

ECOLOGICAL RISK ASSESSMENT

As previously discussed, the RCRA Permit requires an Ecological Risk Assessment (ERA) to determine any cause-effects relationships between onsite contaminant concentrations and observed impacts to biological components. This method will focus efforts on site-specific contaminants and biological receptors. The ERA will follow USEPA guidance documents *Risk Assessment Guidance for Superfund (EPA/540/1-89/002)* and *Framework for Ecological Risk Assessment (EPA/630/R-92/001)*. The following sections explain how we will determine ecological risk associated with contamination at the Naval Weapons Station.

Ecological risk at the Southside OB/OD facility will be assessed in phases. The goal of each phase is to yield specific information about the site through source, pathway, and receptor identification. Phase I concentrates on reviewing the site primarily through qualitative information and concludes with developing a sampling strategy for the subsequent Phase II portion of the investigation. Phase II involves a contamination assessment of the site, with problem formulation and model development occurring in Phase III. Information from all phases, as appropriate, will be incorporated into a risk characterization. Each phase is described in greater detail below.

Phase I — Preliminary Site Assessment

A Preliminary Site Assessment (PSA) will be conducted to determine baseline information to be used later to characterize risk associated with contamination at the Naval Weapons Station. Essential elements of the PSA will include reviewing analytical data obtained during the RCRA

Facility Assessment (RFA) process, along with collecting pertinent information for baseline assessment of impacts to the biological receptors within the site area. Migration routes will be determined from topographic and site physical information. Exposure routes along with habitat types and sensitive resource areas will be determined and potential biological receptors will be reviewed briefly. The PSA is a process to obtain information that will be critical to later stages of the ERA. Portions of the PSA may be conducted successionally or concurrently.

Phase II — Contaminant Assessment

Information on contaminant concentrations and distribution will be determined through systematic sampling in areas where biological receptors exist or are indicated. As appropriate, sampling media may include soil, sediment, surface water, or groundwater. In soil, surface (0 to 1 foot) concentrations will be used for risk evaluations. Physical soil parameters (pH, porosity, grain size, organic content, etc.) that may alter contaminant bioavailability will be measured along with the chemical analyses. Sampling location densities will be determined based on location-specific information and data needs.

In aqueous environments, surface water and sediment samples may be collected in areas of suspected high contamination. Source location, along with a suspected risk to biological receptors in the area, will be used to weigh the need for sampling these media. Where applicable, a sediment mapping sub-phase will be used to select the most appropriate sampling locales. Sampling methods will follow protocols suggested in USEPA's *Sampling Protocols for Collecting Surface Waters, Bed Sediment, Bivalves and Fish for Priority Pollution Analysis* (VERSAR, Inc., 1981) and USEPA's *Ecological Assessment of Hazardous Waste Site: A Field and Laboratory Reference Document (EPA/600/3-89/013)*. As with soil, physiochemical information on water and sediment will be obtained for use in bioavailability predictions. Parameters for water may include: temperature, salinity, alkalinity, dissolved oxygen, pH, conductivity, nutrients, total suspended solids, total dissolved solids, biological oxygen demand, and chemical oxygen demand. Parameters for soil may include: pH, total organic carbon (TOC), cation exchange capacity, grain size, and density for sediments. Background

concentrations for both physicochemical information and chemical analytical data will be derived by sampling at a reference location, and supplemented by literature searches for existing data.

After information has been collected on contaminants, a study on the general characteristics of the stressor will be completed. This study will provide specific information on intensity, chemical alteration, duration, and secondary effects of the stressor chemical. Site-specific information on soil and water chemistry will aid in assessing the potential effects of the stressor.

Phase III — Problem Formulation/Conceptual Model

The problem formulation stage is the most critical element of the ERA process. In this stage, data collected during the PSA and preliminary risk characterization (PRC) will be analyzed to determine if assessment endpoints can be identified. Selection of assessment endpoints at the Naval Weapons Station will be based on the PRC. Selection endpoints could include changes to local fish populations, ecosystem alterations, or other ecological effects. Hypotheses will be critically reviewed to determine if studies or data produced can support risk-management decisions.

In conjunction with problem formulation, a conceptual model will be developed. This model will select measurement endpoints that can be used to quantitatively express the effects of the contaminant hazard. These measurement endpoints will include ecological characteristics that are related directly to the assessment endpoint chosen. Toxicity tests, measurements of in-situ community indices, or tissue burden studies may be selected as measurement endpoints. The model will include the methods (sampling plan) needed to collect the information necessary for testing the model, in addition to addressing uncertainty issues. At this stage, a decision will again be made regarding whether assessment endpoints are attainable. During this problem development and modeling phase, appropriate agency consultation will ensure that selected objectives are applicable and relevant.

Risk Characterization

After completing the site investigation, all data will be interpreted to determine the cumulative risk to biological receptors based on contamination found. This will include assimilation of all components of the ERA such as chemicals of potential concern, exposure assessment, biological effects/toxicity assessment, risk characterization, uncertainties and conclusions. Both quantitative and qualitative information derived during the site investigation will be used to determine a weight-of-evidence conclusion.