PACIFIC NORTHWEST ENVIRONMENTAL LABORATORY

Client No: 30-891206

ORGANIC ANALYSIS REPORT

Client Sample ID	CPP55-09-V3-8-TB
PNEL Sample ID	2218-27
Matrix	Water
Date Received	01-05-90
Date Sample Extracted:	01-10-90
Date Analyzed	01-13-90
Units of Measure	ug/L
Sample Volume	.96 L

Compound	
Mineral Spirits*	100 U

* This is not a definitive identification. Any hydrocarbon occuring within the approximate boiling range of the mineral spirits standard is characterized as, and quantitated as, mineral spirits.

PACIFIC NORTHWEST ENVIRONMENTAL LABORATORY

Client No: 30-891206

ORGANIC ANALYSIS REPORT

Client Sample ID	CPP55-09-V3-6-11
PNEL Sample ID	2218-30
Matrix	Soil
Date Received	01-05-90
Date Sample Extracted:	01-10-90
Date Analyzed	01-13-90
Units of Measure	ug/kg
Sample Weight	.020 kg

Compound	
Mineral Spirits*	13000 B
% Solid	97.7%

* This is not a definitive identification. Any hydrocarbon occuring within the approximate boiling range of the mineral spirits standard is characterized as, and quantitated as, mineral spirits.

PACIFIC NORTHWEST ENVIRONMENTAL LABORATORY

Client No: 30-891206

ORGANIC ANALYSIS REPORT

Client Sample ID	CPP55-09-V3-6-14-FD
PNEL Sample ID	2218-33
Matrix	Soil
Date Received	01-05-90
Date Sample Extracted:	01-10-90
Date Analyzed	01-13-90
Units of Measure	ug/kg
Sample Weight	.020 kg

Compound	
Mineral Spirits*	14000 B
% Solid	96.6%

* This is not a definitive identification. Any hydrocarbon occuring within the approximate boiling range of the mineral spirits standard is characterized as, and quantitated as, mineral spirits.

PACIFIC NORTHWEST ENVIRONMENTAL LABORATORY

Client No: 30-891206

ORGANIC ANALYSIS REPORT

Client Sample ID	CPP55-08-V3-1-17
PNEL Sample ID	2218-36
Matrix	Soil
Date Received	01-05-90
Date Sample Extracted:	01-10-90
Date Analyzed	01-13-90
Units of Measure	ug/kg
Sample Weight	.020 kg

Compound	
Mineral Spirits*	12000 B
% Solid	95.1%

* This is not a definitive identification. Any hydrocarbon occuring within the approximate boiling range of the mineral spirits standard is characterized as, and quantitated as, mineral spirits.

PACIFIC NORTHWEST ENVIRONMENTAL LABORATORY

Client No: 30-891206

ORGANIC ANALYSIS REPORT

Client Sample ID	CPP55-08-V3-3-20
PNEL Sample ID	2218-39
Matrix	Soil
Date Received	01-05-90
Date Sample Extracted:	01-10-90
Date Analyzed	01-13-90
Units of Measure	ug/kg
Sample Weight	.020 kg

Compound	
Mineral Spirits*	14000 B
% Solid	96.3%

* This is not a definitive identification. Any hydrocarbon occuring within the approximate boiling range of the mineral spirits standard is characterized as, and quantitated as, mineral spirits.

PACIFIC NORTHWEST ENVIRONMENTAL LABORATORY

Client No: 30-891206

ORGANIC ANALYSIS REPORT

Client Sample ID	CPP55-08-V3-6-23
PNEL Sample ID	2218-42
Matrix	Soil
Date Received	01-05-90
Date Sample Extracted:	01-10-90
Date Analyzed	01-13-90
Units of Measure	ug/kg
Sample Weight	.020 kg

Compound	
Mineral Spirits*	11000 B
% Solid	96.4%

* This is not a definitive identification. Any hydrocarbon occuring within the approximate boiling range of the mineral spirits standard is characterized as, and quantitated as, mineral spirits.

PACIFIC NORTHWEST ENVIRONMENTAL LABORATORY

Client No: 30-891206

ORGANIC ANALYSIS REPORT

Client Sample ID	CPP55-04-V3-1-22
PNEL Sample ID	2218-45
Matrix	Soil
Date Received	01-05-90
Date Sample Extracted:	01-10-90
Date Analyzed	01-13-90
Units of Measure	ug/kg
Sample Weight	.020 kg

Compound	
Mineral Spirits*	12000 B
% Solid	95.0%

* This is not a definitive identification. Any hydrocarbon occuring within the approximate boiling range of the mineral spirits standard is characterized as, and quantitated as, mineral spirits.

PACIFIC NORTHWEST ENVIRONMENTAL LABORATORY

Client No: 30-891206

ORGANIC ANALYSIS REPORT

Client Sample ID	CPP55-04-V3-3-25
PNEL Sample ID	2218-48
Matrix	Soil
Date Received	01-05-90
Date Sample Extracted:	01-10-90
Date Analyzed	01-13-90
Units of Measure	ug/kg
Sample Weight	.020 kg

Compound	
Mineral Spirits*	13000 B
% Solid	96.4%

* This is not a definitive identification. Any hydrocarbon occuring within the approximate boiling range of the mineral spirits standard is characterized as, and quantitated as, mineral spirits.

PACIFIC NORTHWEST ENVIRONMENTAL LABORATORY

Client No: 30-891206

ORGANIC ANALYSIS REPORT

Client Sample ID	CPP55-04-V3-6-28
PNEL Sample ID	2218-51
Matrix	Soil
Date Received	01-05-90
Date Sample Extracted:	01-10-90
Date Analyzed	01-13-90
Units of Measure	ug/kg
Sample Weight	.020 kg

Compound	
Mineral Spirits*	13000 B
% Solid	92.3%

* This is not a definitive identification. Any hydrocarbon occuring within the approximate boiling range of the mineral spirits standard is characterized as, and quantitated as, mineral spirits.

PACIFIC NORTHWEST ENVIRONMENTAL LABORATORY

Client No: 30-891206

ORGANIC ANALYSIS REPORT

Client Sample ID	NA
PNEL Sample ID	2218-00MB
Matrix	Water
Date Received	NA
Date Sample Extracted:	01-09-90
Date Analyzed	01-12-90
Units of Measure	ug/L
Sample Volume	1.0 L

Compound	
Mineral Spirits*	100 U

* This is not a definitive identification. Any hydrocarbon occuring within the approximate boiling range of the mineral spirits standard is characterized as, and quantitated as, mineral spirits.

PACIFIC NORTHWEST ENVIRONMENTAL LABORATORY

Client No: 30-891206

ORGANIC ANALYSIS REPORT

Client Sample ID	NA
PNEL Sample ID	2218-00MB
Matrix	Soil
Date Received	NA
Date Sample Extracted:	01-10-90
Date Analyzed	01-13-90
Units of Measure	ug/kg
Sample Weight	.020 kg

Compound	
Mineral Spirits*	22000 B
% Solid	100%

* This is not a definitive identification. Any hydrocarbon occuring within the approximate boiling range of the mineral spirits standard is characterized as, and quantitated as, mineral spirits.

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

LAB SAMPLE NO.
2218-02

Lab Name: FNELI_____ Contract: INEL_____

Lab Code: FNELI__ Case No.: 2218__ SAS No.: _____ SDG No.: ICPP-CPP55

Matrix: (soil/water) WATER_ Lab Sample ID: 2218-02_____

Sample wt/vol: __5.0 (g/mL) ML__ Lab File ID: A3854_____

Level: (low/med) LOW___ Date Received: 01/05/90

% Moisture: not dec. ____ Date Analyzed: 01/10/90

Column: (packed/cap) PACK__ Dilution Factor: 1.0_____

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L_	Q
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	20	
67-64-1	Acetone	10	U
75-15-0	Carbon Disulfide	5	U
75-35-4	1,1-Dichloroethene	5	U
75-34-3	1,1-Dichloroethane	18	
540-59-0	1,2-Dichloroethene (total)	5	U
67-66-3	Chloroform	20	
107-06-2	1,2-Dichloroethane	5	U
78-93-3	2-Butanone	10	U
71-55-6	1,1,1-Trichloroethane	18	
56-23-5	Carbon Tetrachloride	5	U
108-05-4	Vinyl Acetate	10	U
75-27-4	Bromodichloromethane	19	
78-87-5	1,2-Dichloropropane	5	U
10061-01-5	cis-1,3-Dichloropropene	5	U
79-01-6	Trichloroethene	18	
124-48-1	Dibromochloromethane	19	
79-00-5	1,1,2-Trichloroethane	5	U
71-43-2	Benzene	20	
10061-02-6	Trans-1,3-Dichloropropene	5	U
75-25-2	Bromoform	17	
108-10-1	4-Methyl-2-Pentanone	10	U
591-78-6	2-Hexanone	10	U
127-18-4	Tetrachloroethene	5	U
79-34-5	1,1,2,2-Tetrachloroethane	17	
108-88-3	Toluene	19	
108-90-7	Chlorobenzene	5	U
100-41-4	Ethylbenzene	5	U
100-42-5	Styrene	5	U
1330-20-7	Xylene (total)	5	U

004027

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

LAB SAMPLE NO.
2218-02

Lab Name: PNELI_____ Contract: INEL_____

Lab Code: PNELI__ Case No.: 2218__ SAS No.: _____ SDG No.: ICPP-CPP55

Matrix: (soil/water) WATER_ Lab Sample ID: 2218-02_____

Sample wt/vol: __5.0 (g/mL) mL__ Lab File ID: A3854_____

Level: (low/med) LOW___ Date Received: 01/05/90

% Moisture: not dec. ____ Date Analyzed: 01/10/90

Column (pack/cap) PACK__ Dilution Factor: 1.0_____

Number TICs found: __0

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L_

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q

004028

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

LAB SAMPLE NO.
2218-03

Lab Name: RMELI_____ Contract: INEL_____

Lab Code: RMELI__ Case No.: 2218__ SAS No.: _____ SDG No.: ICPP-CPP55

Matrix: (soil/water) WATER_ Lab Sample ID: 2218-03_____

Sample wt/vol: __5.0 (g/mL) ML__ Lab File ID: A3855_____

Level: (low/med) LOW___ Date Received: 01/05/90

% Moisture: not dec. ____ Date Analyzed: 01/10/90

Column: (packed/cap) PACK__ Dilution Factor: 1.0_____

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L_	Q
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	B
75-15-0	Carbon Disulfide	5	U
75-35-4	1,1-Dichloroethene	5	U
75-34-3	1,1-Dichloroethane	5	U
540-59-0	1,2-Dichloroethene (total)	5	U
67-66-3	Chloroform	5	U
107-06-2	1,2-Dichloroethane	5	U
78-93-3	2-Butanone	10	U
71-55-6	1,1,1-Trichloroethane	5	U
56-23-5	Carbon Tetrachloride	5	U
108-05-4	Vinyl Acetate	10	U
75-27-4	Bromodichloromethane	5	U
78-87-5	1,2-Dichloropropane	5	U
10061-01-5	cis-1,3-Dichloropropene	5	U
79-01-6	Trichloroethene	5	U
124-48-1	Dibromochloromethane	5	U
79-00-5	1,1,2-Trichloroethane	5	U
71-43-2	Benzene	5	U
10061-02-6	Trans-1,3-Dichloropropene	5	U
75-25-2	Bromoform	5	U
108-10-1	4-Methyl-2-Pentanone	10	U
591-78-6	2-Hexanone	10	U
127-18-4	Tetrachloroethene	5	U
79-34-5	1,1,2,2-Tetrachloroethane	5	U
108-88-3	Toluene	5	U
108-90-7	Chlorobenzene	5	U
100-41-4	Ethylbenzene	5	U
100-42-5	Styrene	5	U
1330-20-7	Xylene (total)	5	U

004029

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

LAB SAMPLE NO.
2218-03

Lab Name: PNELI_____ Contract: INEL_____

Lab Code: PNELI__ Case No.: 2218__ SAS No.: _____ SDG No.: ICPP-CP55

Matrix: (soil/water) WATER_ Lab Sample ID: 2218-03_____

Sample wt/vol: __5.0 (g/mL) ML__ Lab File ID: A3855_____

Level: (low/med) LOW___ Date Received: 01/05/90

% Moisture: not dec. ____ Date Analyzed: 01/10/90

GC Column (packed/cap) PACK__ Dilution Factor: 1.0_____

Number TICs found: __1

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L_

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	Unk. Isomer Dichlorobenzene	25.32	17	J

004030

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

LAB SAMPLE NO.

2218-03MS

Lab Name: PNELI_____ Contract: INEL_____

Lab Code: PNELI__ Case No.: 2218__ SAS No.: _____ SDG No.: ICPP-CPP55

Matrix: (soil/water) WATER_ Lab Sample ID: 2218-03MS____

Sample wt/vol: __5.0 (g/mL) ML__ Lab File ID: A3856_____

Level: (low/med) LOW___ Date Received: 01/05/90

% Moisture: not dec. ____ Date Analyzed: 01/10/90

Column: (pack/cap) PACK__ Dilution Factor: 1.0_____

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L_	Q
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	2	J
67-64-1	Acetone	7	BJ
75-15-0	Carbon Disulfide	5	U
75-35-4	1,1-Dichloroethene	5	U
75-34-3	1,1-Dichloroethane	5	U
540-59-0	1,2-Dichloroethene (total)	5	U
67-66-3	Chloroform	5	U
107-06-2	1,2-Dichloroethane	5	U
78-93-3	2-Butanone	10	U
71-55-6	1,1,1-Trichloroethane	5	U
56-23-5	Carbon Tetrachloride	5	U
108-05-4	Vinyl Acetate	10	U
75-27-4	Bromodichloromethane	5	U
78-87-5	1,2-Dichloropropane	5	U
10061-01-5	cis-1,3-Dichloropropene	5	U
79-01-6	Trichloroethene	5	U
124-48-1	Dibromochloromethane	5	U
79-00-5	1,1,2-Trichloroethane	5	U
71-43-2	Benzene	5	U
10061-02-6	Trans-1,3-Dichloropropene	5	U
75-25-2	Bromoform	5	U
108-10-1	4-Methyl-2-Pentanone	10	U
591-78-6	2-Hexanone	10	U
127-18-4	Tetrachloroethene	5	U
79-34-5	1,1,2,2-Tetrachloroethane	5	U
108-88-3	Toluene	5	U
108-90-7	Chlorobenzene	5	U
100-41-4	Ethylbenzene	5	U
100-42-5	Styrene	5	U
1330-20-7	Xylene (total)	5	U

004031

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

LAB SAMPLE NO.

2218-03MSD

Lab Name: PNELI Contract: INEL

Lab Code: PNELI Case No.: 2218 SAS No.: SDG No.: ICPP-CPP55

Matrix: (soil/water) WATER Lab Sample ID: 2218-03MSD

Sample wt/vol: 5.0 (g/mL) ML Lab File ID: A3857

Level: (low/med) LOW Date Received: 01/05/90

% Moisture: not dec. Date Analyzed: 01/10/90

Column: (pack/cap) PACK Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
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	2	J
67-64-1	Acetone	10	B
75-15-0	Carbon Disulfide	5	U
75-35-4	1,1-Dichloroethene	5	U
75-34-3	1,1-Dichloroethane	5	U
540-59-0	1,2-Dichloroethene (total)	5	U
67-66-3	Chloroform	5	U
107-06-2	1,2-Dichloroethane	5	U
78-93-3	2-Butanone	10	U
71-55-6	1,1,1-Trichloroethane	5	U
56-23-5	Carbon Tetrachloride	5	U
108-05-4	Vinyl Acetate	10	U
75-27-4	Bromodichloromethane	5	U
78-87-5	1,2-Dichloropropane	5	U
10061-01-5	cis-1,3-Dichloropropene	5	U
79-01-6	Trichloroethene	5	U
124-48-1	Dibromochloromethane	5	U
79-00-5	1,1,2-Trichloroethane	5	U
71-43-2	Benzene	5	U
10061-02-6	Trans-1,3-Dichloropropene	5	U
75-25-2	Bromoform	5	U
108-10-1	4-Methyl-2-Pentanone	10	U
591-78-6	2-Hexanone	10	U
127-18-4	Tetrachloroethene	5	U
79-34-5	1,1,2,2-Tetrachloroethane	5	U
108-88-3	Toluene	5	U
108-90-7	Chlorobenzene	5	U
100-41-4	Ethylbenzene	5	U
100-42-5	Styrene	5	U
1330-20-7	Xylene (total)	5	U

004032

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

LAB SAMPLE NO.

2218-06

Lab Name: PNELI Contract: INEL

Lab Code: PNELI Case No.: 2218 SAS No.: SDG No.: ICPP-CPP55

Matrix: (soil/water) SOIL Lab Sample ID: 2218-06

Sample wt/vol: 5.0 (g/mL) G Lab File ID: B3815

Level: (low/med) LOW Date Received: 01/05/90

% Moisture: not dec. 2 Date Analyzed: 01/08/90

Column: (pack/cap) PACK Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
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	1	BJ
67-64-1	Acetone	3	J
75-15-0	Carbon Disulfide	5	U
75-35-4	1,1-Dichloroethene	5	U
75-34-3	1,1-Dichloroethane	5	U
540-59-0	1,2-Dichloroethene (total)	5	U
67-66-3	Chloroform	5	U
107-06-2	1,2-Dichloroethane	5	U
78-93-3	2-Butanone	2	BJ
71-55-6	1,1,1-Trichloroethane	5	U
56-23-5	Carbon Tetrachloride	5	U
108-05-4	Vinyl Acetate	10	U
75-27-4	Bromodichloromethane	5	U
78-87-5	1,2-Dichloropropane	5	U
10061-01-5	cis-1,3-Dichloropropene	5	U
79-01-6	Trichloroethene	5	U
124-48-1	Dibromochloromethane	5	U
79-00-5	1,1,2-Trichloroethane	5	U
71-43-2	Benzene	5	U
10061-02-6	Trans-1,3-Dichloropropene	5	U
75-25-2	Bromoform	5	U
108-10-1	4-Methyl-2-Pentanone	10	U
591-78-6	2-Hexanone	10	U
127-18-4	Tetrachloroethene	5	U
79-34-5	1,1,2,2-Tetrachloroethane	5	U
108-88-3	Toluene	1	J
108-90-7	Chlorobenzene	5	U
100-41-4	Ethylbenzene	5	U
100-42-5	Styrene	5	U
1330-20-7	Xylene (total)	5	U

004033

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

LAB SAMPLE NO.
2218-06

Lab Name: PNELI_____ Contract: INEL_____

Lab Code: PNELI__ Case No.: 2218__ SAS No.: _____ SDG No.: ICPP-CPP55

Matrix: (soil/water) SOIL__ Lab Sample ID: 2218-06_____

Sample wt/vol: __5.0 (g/mL) G___ Lab File ID: B3815_____

Level: (low/med) LOW___ Date Received: 01/05/90

% Moisture: not dec. ___3 Date Analyzed: 01/08/90

Column (pack/cap) PACK__ Dilution Factor: 1.0_____

Number TICs Found: __0

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q

004034

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

LAB SAMPLE NO.
2218-09

Lab Name: PNELI Contract: INEL

Lab Code: PNELI Case No.: 2218 SAS No.: SDG No.: ICPP-CPP55

Matrix: (soil/water) SOIL Lab Sample ID: 2218-09

Sample wt/vol: 5.0 (g/mL) G Lab File ID: B3816

Level: (low/med) LOW Date Received: 01/05/90

% Moisture: not dec. 3 Date Analyzed: 01/08/90

Column: (pack/cap) PACK Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
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
75-15-0	Carbon Disulfide	5	U
75-35-4	1,1-Dichloroethene	5	U
75-34-3	1,1-Dichloroethane	5	U
540-59-0	1,2-Dichloroethene (total)	5	U
67-66-3	Chloroform	5	U
107-06-2	1,2-Dichloroethane	5	U
78-93-3	2-Butanone	10	U
71-55-6	1,1,1-Trichloroethane	5	U
56-23-5	Carbon Tetrachloride	5	U
108-05-4	Vinyl Acetate	10	U
75-27-4	Bromodichloromethane	5	U
78-87-5	1,2-Dichloropropane	5	U
10061-01-5	cis-1,3-Dichloropropene	5	U
79-01-6	Trichloroethene	5	U
124-48-1	Dibromochloromethane	5	U
79-00-5	1,1,2-Trichloroethane	5	U
71-43-2	Benzene	5	U
10061-02-6	Trans-1,3-Dichloropropene	5	U
75-25-2	Bromoform	5	U
108-10-1	4-Methyl-2-Pentanone	10	U
591-78-6	2-Hexanone	10	U
127-18-4	Tetrachloroethene	5	U
79-34-5	1,1,2,2-Tetrachloroethane	5	U
108-88-3	Toluene	5	U
108-90-7	Chlorobenzene	5	U
100-41-4	Ethylbenzene	5	U
100-42-5	Styrene	5	U
1330-20-7	Xylene (total)	5	U

004035

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

LAB SAMPLE NO.
2218-09

Lab Name: PNELI_____ Contract: INEL_____

Lab Code: PNELI__ Case No.: 2218__ SAS No.: _____ SDG No.: ICPP-CPP55

Matrix: (soil/water) SOIL__ Lab Sample ID: 2218-09_____

Sample wt/vol: __5.0 (g/mL) G___ Lab File ID: B3816_____

Level: (low/med) LOW___ Date Received: 01/05/90

% Moisture: not dec. ___3 Date Analyzed: 01/08/90

Column (pack/cap) PACK__ Dilution Factor: 1.0_____

Number TICs found: __0

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q

004036

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

LAB SAMPLE NO.

2218-12

Lab Name: PNELI_____ Contract: INEL_____

Lab Code: PNELI__ Case No.: 2218__ SAS No.: _____ SDG No.: ICPP-CPP55

Matrix: (soil/water) SOIL__ Lab Sample ID: 2218-12_____

Sample wt/vol: __5.0 (g/mL) G___ Lab File ID: B3817_____

Level: (low/med) LOW___ Date Received: 01/05/90

% Moisture: not dec. __11 Date Analyzed: 01/08/90

Column: (pack/cap) PACK__ Dilution Factor: 1.0_____

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
74-87-3	Chloromethane	11	U
74-83-9	Bromomethane	11	U
75-01-4	Vinyl Chloride	11	U
75-00-3	Chloroethane	11	U
75-09-2	Methylene Chloride	6	U
67-64-1	Acetone	11	U
75-15-0	Carbon Disulfide	6	U
75-35-4	1,1-Dichloroethene	6	U
75-34-3	1,1-Dichloroethane	6	U
540-59-0	1,2-Dichloroethene (total)	6	U
67-66-3	Chloroform	6	U
107-06-2	1,2-Dichloroethane	6	U
78-93-3	2-Butanone	11	U
71-55-6	1,1,1-Trichloroethane	6	U
56-23-5	Carbon Tetrachloride	6	U
108-05-4	Vinyl Acetate	11	U
75-27-4	Bromodichloromethane	6	U
78-87-5	1,2-Dichloropropane	6	U
10061-01-5	cis-1,3-Dichloropropene	6	U
79-01-6	Trichloroethene	6	U
124-48-1	Dibromochloromethane	6	U
79-00-5	1,1,2-Trichloroethane	6	U
71-43-2	Benzene	6	U
10061-02-6	Trans-1,3-Dichloropropene	6	U
75-25-2	Bromoform	6	U
108-10-1	4-Methyl-2-Pentanone	11	U
591-78-6	2-Hexanone	11	U
127-18-4	Tetrachloroethene	6	U
79-34-5	1,1,2,2-Tetrachloroethane	6	U
108-88-3	Toluene	6	U
108-90-7	Chlorobenzene	6	U
100-41-4	Ethylbenzene	6	U
100-42-5	Styrene	6	U
1330-20-7	Xylene (total)	6	U

004037

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

LAB SAMPLE NO.
2218-12

Lab Name: PNELI_____ Contract: INEL_____

Lab Code: PNELI__ Case No.: 2218__ SAS No.: _____ SDG No.: ICPP-CPP55

Matrix: (soil/water) SOIL__ Lab Sample ID: 2218-12_____

Sample wt/vol: __5.0 (g/mL) G___ Lab File ID: B3817_____

Level: (low/med) LOW___ Date Received: 01/05/90

% Moisture: not dec. __11 Date Analyzed: 01/08/90

Column (pack/cap) PACK__ Dilution Factor: 1.0_____

Number TICs found: __0

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q

004038

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

LAB SAMPLE NO.
2218-15

Lab Name: PNELI_____ Contract: INEL_____

Lab Code: PNELI__ Case No.: 2218__ SAS No.: _____ SDG No.: ICPP-CPP55

Matrix: (soil/water) WATER_ Lab Sample ID: 2218-15_____

Sample wt/vol: __5.0 (g/mL) ML__ Lab File ID: A3853_____

Level: (low/med) LOW___ Date Received: 01/05/90

% Moisture: not dec. ____ Date Analyzed: 01/10/90

Column: (pack/cap) PACK__ Dilution Factor: 1.0_____

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L_	Q
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
75-15-0	Carbon Disulfide	5	U
75-35-4	1,1-Dichloroethene	5	U
75-34-3	1,1-Dichloroethane	5	U
540-59-0	1,2-Dichloroethene (total)	5	U
67-66-3	Chloroform	5	U
107-06-2	1,2-Dichloroethane	5	U
78-93-3	2-Butanone	10	U
71-55-6	1,1,1-Trichloroethane	5	U
56-23-5	Carbon Tetrachloride	5	U
108-05-4	Vinyl Acetate	10	U
75-27-4	Bromodichloromethane	5	U
78-87-5	1,2-Dichloropropane	5	U
10061-01-5	cis-1,3-Dichloropropene	5	U
79-01-6	Trichloroethene	5	U
124-48-1	Dibromochloromethane	5	U
79-00-5	1,1,2-Trichloroethane	5	U
71-43-2	Benzene	5	U
10061-02-6	Trans-1,3-Dichloropropene	5	U
75-25-2	Bromoform	5	U
108-10-1	4-Methyl-2-Pentanone	10	U
591-78-6	2-Hexanone	10	U
127-18-4	Tetrachloroethene	5	U
79-34-5	1,1,2,2-Tetrachloroethane	5	U
108-88-3	Toluene	5	U
108-90-7	Chlorobenzene	5	U
100-41-4	Ethylbenzene	5	U
100-42-5	Styrene	5	U
1330-20-7	Xylene (total)	5	U

004039

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

LAB SAMPLE NO.
I218-15

Lab Name: PNELI_____ Contract: INEL_____

Lab Code: PNELI__ Case No.: I218__ SAS No.: _____ SDG No.: ICPP-CPP55

Matrix: (soil/water) WATER_ Lab Sample ID: I218-15_____

Sample wt/vol: __5.0 (g/mL) ML__ Lab File ID: A3853_____

Level: (low med) LOW___ Date Received: 01/05/90

% Moisture: not dec. ____ Date Analyzed: 01/10/90

Column (pack/cap) PACK__ Dilution Factor: 1.0_____

Number TICs found: __0

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L_

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q

004040

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

LAB SAMPLE NO.

2218-21

Lab Name: PNELI_____ Contract: INEL_____

Lab Code: PNELI__ Case No.: 2218__ SAS No.: _____ SDG No.: ICPP-CPP55

Matrix: (soil/water) SOIL__ Lab Sample ID: 2218-21_____

Sample wt/vol: __5.0 (g/mL) G___ Lab File ID: B3812_____

Level: (low/med) LOW___ Date Received: 01/05/90

% Moisture: not dec. ___2 Date Analyzed: 01/08/90

Column: (pack/cap) PACK__ Dilution Factor: 1.0_____

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
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	12	
75-15-0	Carbon Disulfide	5	U
75-35-4	1,1-Dichloroethene	5	U
75-34-3	1,1-Dichloroethane	5	U
540-59-0	1,2-Dichloroethene (total)	5	U
67-66-3	Chloroform	5	U
107-06-2	1,2-Dichloroethane	5	U
78-93-3	2-Butanone	2	BJ
71-55-6	1,1,1-Trichloroethane	5	U
56-23-5	Carbon Tetrachloride	5	U
108-05-4	Vinyl Acetate	10	U
75-27-4	Bromodichloromethane	5	U
78-87-5	1,2-Dichloropropane	5	U
10061-01-5	cis-1,3-Dichloropropene	5	U
79-01-6	Trichloroethene	5	U
124-48-1	Dibromochloromethane	5	U
79-00-5	1,1,2-Trichloroethane	5	U
71-43-2	Benzene	5	U
10061-02-6	Trans-1,3-Dichloropropene	5	U
75-25-2	Bromoform	5	U
108-10-1	4-Methyl-2-Pentanone	10	U
591-78-6	2-Hexanone	10	U
127-18-4	Tetrachloroethene	5	U
79-34-5	1,1,2,2-Tetrachloroethane	5	U
108-88-3	Toluene	5	U
108-90-7	Chlorobenzene	5	U
100-41-4	Ethylbenzene	5	U
100-42-5	Styrene	5	U
1330-20-7	Xylene (total)	5	U

004041

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

LAB SAMPLE NO.
2218-21

Lab Name: PNELI_____ Contract: INEL_____

Lab Code: PNELI__ Case No.: 2218__ SAS No.: _____ SDG No.: ICPP-CPP55

Matrix: (soil/water) SOIL__ Lab Sample ID: 2218-21_____

Sample wt/vol: __5.0 (g/mL) G___ Lab File ID: B3812_____

Level: (low/med) LOW___ Date Received: 01/05/90

% Moisture: not dec. ___2 Date Analyzed: 01/08/90

Column (pack/cap) PACK__ Dilution Factor: 1.0_____

Number TICs found: __0

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q

004042

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

LAB SAMPLE NO.

2218-21MS

Lab Name: PNELI_____ Contract: INEL_____

Lab Code: PNELI__ Case No.: 2218__ SAS No.: _____ SDG No.: ICPP-CPP55

Matrix: (soil/water) SOIL__ Lab Sample ID: 2218-21MS____

Sample wt/vol: __5.0 (g/mL) G___ Lab File ID: B3813_____

Level: (low/med) LOW___ Date Received: 01/05/90

% Moisture: not dec. ___2 Date Analyzed: 01/08/90

Column: (pack/cap) PACK__ Dilution Factor: 1.0_____

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
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	2	BJ
67-64-1	Acetone	11	
75-15-0	Carbon Disulfide	5	U
75-35-4	1,1-Dichloroethene	5	U
75-34-3	1,1-Dichloroethane	5	U
540-59-0	1,2-Dichloroethene (total)	5	U
67-66-3	Chloroform	5	U
107-06-2	1,2-Dichloroethane	5	U
78-93-3	2-Butanone	3	BJ
71-55-6	1,1,1-Trichloroethane	5	U
56-23-5	Carbon Tetrachloride	5	U
108-05-4	Vinyl Acetate	10	U
75-27-4	Bromodichloromethane	5	U
78-87-5	1,2-Dichloropropane	5	U
10061-01-5	cis-1,3-Dichloropropene	5	U
79-01-6	Trichloroethene	5	U
124-48-1	Dibromochloromethane	5	U
79-00-5	1,1,2-Trichloroethane	5	U
71-43-2	Benzene	5	U
10061-02-6	Trans-1,3-Dichloropropene	5	U
75-25-2	Bromoform	5	U
108-10-1	4-Methyl-2-Pentanone	10	U
591-78-6	2-Hexanone	10	U
127-18-4	Tetrachloroethene	5	U
79-34-5	1,1,2,2-Tetrachloroethane	5	U
108-88-3	Toluene	5	U
108-90-7	Chlorobenzene	5	U
100-41-4	Ethylbenzene	5	U
100-42-5	Styrene	5	U
1330-20-7	Xylene (total)	5	U

004043

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

LAB SAMPLE NO.

2218-21MSD

Lab Name: PNELI Contract: INEL

Lab Code: PNELI Case No.: 2218 SAS No.: _____ SDG No.: ICPP-CPP55

Matrix: (soil/water) SOIL Lab Sample ID: 2218-21MSD

Sample wt/vol: 5.0 (g/mL) G Lab File ID: B3814

Level: (low/med) LOW Date Received: 01/05/90

% Moisture: not dec. 2 Date Analyzed: 01/08/90

Column: (pack/cap) PACK Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
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	2	BJ
67-64-1	Acetone	10	J
75-15-0	Carbon Disulfide	5	U
75-35-4	1,1-Dichloroethene	5	U
75-34-3	1,1-Dichloroethane	5	U
540-59-0	1,2-Dichloroethene (total)	5	U
67-66-3	Chloroform	5	U
107-06-2	1,2-Dichloroethane	5	U
78-93-3	2-Butanone	3	BJ
71-55-6	1,1,1-Trichloroethane	5	U
56-23-5	Carbon Tetrachloride	5	U
108-05-4	Vinyl Acetate	10	U
75-27-4	Bromodichloromethane	5	U
78-87-5	1,2-Dichloropropane	5	U
10061-01-5	cis-1,3-Dichloropropene	5	U
79-01-6	Trichloroethene	5	U
124-48-1	Dibromochloromethane	5	U
79-00-5	1,1,2-Trichloroethane	5	U
71-43-2	Benzene	5	U
10061-02-6	Trans-1,3-Dichloropropene	5	U
75-25-2	Bromoform	5	U
108-10-1	4-Methyl-2-Pentanone	10	U
591-78-6	2-Hexanone	10	U
127-18-4	Tetrachloroethene	5	U
79-34-5	1,1,2,2-Tetrachloroethane	5	U
108-88-3	Toluene	5	U
108-90-7	Chlorobenzene	5	U
100-41-4	Ethylbenzene	5	U
100-42-5	Styrene	5	U
1330-20-7	Xylene (total)	5	U

004044

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

LAB SAMPLE NO.

2218-24

Lab Name: PNELI Contract: INEL

Lab Code: PNELI Case No.: 2218 SAS No.: SDG No.: ICPP-CPP55

Matrix: (soil/water) SOIL Lab Sample ID: 2218-24

Sample wt/vol: 5.0 (g/mL) G Lab File ID: B3822

Level: (low/med) LOW Date Received: 01/05/90

% Moisture: not dec. 6 Date Analyzed: 01/09/90

Column: (pack/cap) PACK Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
74-87-3	Chloromethane	11	U
74-83-9	Bromomethane	11	U
75-01-4	Vinyl Chloride	11	U
75-00-3	Chloroethane	11	U
75-09-2	Methylene Chloride	5	U
67-64-1	Acetone	7	J
75-15-0	Carbon Disulfide	5	U
75-35-4	1,1-Dichloroethene	5	U
75-34-3	1,1-Dichloroethane	5	U
540-59-0	1,2-Dichloroethene (total)	5	U
67-66-3	Chloroform	5	U
107-06-2	1,2-Dichloroethane	5	U
78-93-3	2-Butanone	11	U
71-55-6	1,1,1-Trichloroethane	5	U
56-23-5	Carbon Tetrachloride	5	U
108-05-4	Vinyl Acetate	11	U
75-27-4	Bromodichloromethane	5	U
78-87-5	1,2-Dichloropropane	5	U
10061-01-5	cis-1,3-Dichloropropene	5	U
79-01-6	Trichloroethene	5	U
124-48-1	Dibromochloromethane	5	U
79-00-5	1,1,2-Trichloroethane	5	U
71-43-2	Benzene	5	U
10061-02-6	Trans-1,3-Dichloropropene	5	U
75-25-2	Bromoform	5	U
108-10-1	4-Methyl-2-Pentanone	11	U
591-78-6	2-Hexanone	11	U
127-18-4	Tetrachloroethene	5	U
79-34-5	1,1,2,2-Tetrachloroethane	5	U
108-88-3	Toluene	5	U
108-90-7	Chlorobenzene	5	U
100-41-4	Ethylbenzene	5	U
100-42-5	Styrene	5	U
1330-20-7	Xylene (total)	5	U

004045

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

LAB SAMPLE NO.
2218-24

Lab Name: PNELI_____ Contract: INEL_____

Lab Code: PNELI__ Case No.: 2218__ SAS No.: _____ SDG No.: ICPP-CPP55

Matrix: (soil/water) SOIL__ Lab Sample ID: 2218-24_____

Sample wt/vol: __5.0 (g/mL) G___ Lab File ID: B3822_____

Level: (low med) LOW___ Date Received: 01/05/90

% Moisture: not dec. ___6 Date Analyzed: 01/09/90

Column (pack/cap) PACK__ Dilution Factor: 1.0_____

Number TICs found: __0

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q

004046

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

LAB SAMPLE NO.
2218-26

Lab Name: PNELI_____ Contract: INEL_____

Lab Code: PNELI__ Case No.: 2218__ SAS No.: _____ SDG No.: ICPP-CPP55

Matrix: (soil/water) WATER_ Lab Sample ID: 2218-26_____

Sample wt/vol: __5.0 (g/mL) ML__ Lab File ID: A3858_____

Level: (low/med) LOW___ Date Received: 01/05/90

% Moisture: not dec. ____ Date Analyzed: 01/10/90

Column: (pack/cap) PACK__ Dilution Factor: 1.0_____

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L_	Q
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	9	BJ
75-15-0	Carbon Disulfide	5	U
75-35-4	1,1-Dichloroethene	5	U
75-34-3	1,1-Dichloroethane	5	U
540-59-0	1,2-Dichloroethene (total)	5	U
67-66-3	Chloroform	5	U
107-06-2	1,2-Dichloroethane	5	U
78-93-3	2-Butanone	10	U
71-55-6	1,1,1-Trichloroethane	5	U
56-23-5	Carbon Tetrachloride	5	U
108-05-4	Vinyl Acetate	10	U
75-27-4	Bromodichloromethane	5	U
78-87-5	1,2-Dichloropropane	5	U
10061-01-5	cis-1,3-Dichloropropene	5	U
79-01-6	Trichloroethene	5	U
124-48-1	Dibromochloromethane	5	U
79-00-5	1,1,2-Trichloroethane	5	U
71-43-2	Benzene	5	U
10061-02-6	Trans-1,3-Dichloropropene	5	U
75-25-2	Bromoform	5	U
108-10-1	4-Methyl-2-Pentanone	10	U
591-78-6	2-Hexanone	10	U
127-18-4	Tetrachloroethene	5	U
79-34-5	1,1,2,2-Tetrachloroethane	5	U
108-88-3	Toluene	5	U
108-90-7	Chlorobenzene	5	U
100-41-4	Ethylbenzene	5	U
100-42-5	Styrene	5	U
1330-20-7	Xylene (total)	5	U

004047

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

LAB SAMPLE NO.
2218-26

Lab Name: PNELI_____ Contract: INEL_____

Lab Code: PNELI__ Case No.: 2218__ SAS No.: _____ SDG No.: ICPP-CPP55

Matrix: (soil/water) WATER_ Lab Sample ID: 2218-26_____

Sample wt/vol: __5.0 (g/mL) ML__ Lab File ID: A3858_____

Level: (low/med) LOW___ Date Received: 01/05/90

% Moisture: not dec. ____ Date Analyzed: 01/10/90

Column (pack/cap) PACK__ Dilution Factor: 1.0_____

Number TICs found: __0

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L_

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q

004048

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

LAB SAMPLE NO.

2218-29

Lab Name: PNELI_____ Contract: INEL_____

Lab Code: PNELI__ Case No.: 2218__ SAS No.: _____ SDG No.: ICPP-CPP55

Matrix: (soil/water) SOIL__ Lab Sample ID: 2218-29_____

Sample wt/vol: __5.0 (g/mL) G___ Lab File ID: B3823_____

Level: (low/med) LOW___ Date Received: 01/05/90

% Moisture: not dec. ___3 Date Analyzed: 01/09/90

Column: (pack/cap) PACK__ Dilution Factor: 1.0_____

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
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	7	J
75-15-0	Carbon Disulfide	5	U
75-35-4	1,1-Dichloroethene	5	U
75-34-3	1,1-Dichloroethane	5	U
540-59-0	1,2-Dichloroethene (total)	5	U
67-66-3	Chloroform	5	U
107-06-2	1,2-Dichloroethane	5	U
78-93-3	2-Butanone	10	U
71-55-6	1,1,1-Trichloroethane	5	U
56-23-5	Carbon Tetrachloride	5	U
108-05-4	Vinyl Acetate	10	U
75-27-4	Bromodichloromethane	5	U
78-87-5	1,2-Dichloropropane	5	U
10061-01-5	cis-1,3-Dichloropropene	5	U
79-01-6	Trichloroethene	5	U
124-48-1	Dibromochloromethane	5	U
79-00-5	1,1,2-Trichloroethane	5	U
71-43-2	Benzene	5	U
10061-02-6	Trans-1,3-Dichloropropene	5	U
75-25-2	Bromoform	5	U
108-10-1	4-Methyl-2-Pentanone	10	U
591-78-6	2-Hexanone	10	U
127-18-4	Tetrachloroethene	5	U
79-34-5	1,1,2,2-Tetrachloroethane	5	U
108-88-3	Toluene	5	U
108-90-7	Chlorobenzene	5	U
100-41-4	Ethylbenzene	5	U
100-42-5	Styrene	5	U
1330-20-7	Xylene (total)	5	U

004049

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

LAB SAMPLE NO.
2218-29

Lab Name: PNELI_____ Contract: INEL_____

Lab Code: PNELI__ Case No.: 2219__ SAS No.: _____ SDG No.: ICPP-CPP55

Matrix: (soil/water) SOIL__ Lab Sample ID: 2218-29_____

Sample wt/vol: __5.0 (g/mL) G___ Lab File ID: B3823_____

Level: (low/med) LOW___ Date Received: 01/05/90

% Moisture: not dec. ___? Date Analyzed: 01/09/90

Column (packed/cap) PACK__ Dilution Factor: 1.0_____

Number TICs found: __0

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q

004050

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

LAB SAMPLE NO.

2218-32

Lab Name: PNELI_____ Contract: INEL_____

Lab Code: PNELI__ Case No.: 2218__ SAS No.: _____ SDG No.: ICPP-CPP55

Matrix: (soil/water) SOIL__ Lab Sample ID: 2218-32_____

Sample wt/vol: __5.0 (g/mL) G___ Lab File ID: B3825_____

Level: (low/med) LOW___ Date Received: 01/05/90

% Moisture: not dec. ___2 Date Analyzed: 01/09/90

Column: (pack/cap) PACK__ Dilution Factor: 1.0_____

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
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	7	J
75-15-0	Carbon Disulfide	5	U
75-35-4	1,1-Dichloroethene	5	U
75-34-3	1,1-Dichloroethane	5	U
540-59-0	1,2-Dichloroethene (total)	5	U
67-66-3	Chloroform	5	U
107-06-2	1,2-Dichloroethane	5	U
78-93-3	2-Butanone	10	U
71-55-6	1,1,1-Trichloroethane	5	U
56-23-5	Carbon Tetrachloride	5	U
108-05-4	Vinyl Acetate	10	U
75-27-4	Bromodichloromethane	5	U
78-87-5	1,2-Dichloropropane	5	U
10061-01-5	cis-1,3-Dichloropropene	5	U
79-01-6	Trichloroethene	5	U
124-48-1	Dibromochloromethane	5	U
79-00-5	1,1,2-Trichloroethane	5	U
71-43-2	Benzene	5	U
10061-02-6	Trans-1,3-Dichloropropene	5	U
75-25-2	Bromoform	5	U
108-10-1	4-Methyl-2-Pentanone	10	U
591-78-6	2-Hexanone	10	U
127-18-4	Tetrachloroethene	5	U
79-34-5	1,1,2,2-Tetrachloroethane	5	U
108-88-3	Toluene	5	U
108-90-7	Chlorobenzene	5	U
100-41-4	Ethylbenzene	5	U
100-42-5	Styrene	5	U
1330-20-7	Xylene (total)	5	U

004051

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

LAB SAMPLE NO.
2218-32

Lab Name: FNELI_____ Contract: INEL_____

Lab Code: FNELI__ Case No.: 2218__ SAS No.: _____ SDG No.: ICPP-CPP55

Matrix: (soil/water) SOIL__ Lab Sample ID: 2218-32_____

Sample wt/vol: __5.0 (g/mL) G___ Lab File ID: B3825_____

Level: (low/med) LOW___ Date Received: 01/05/90

% Moisture: not dec. ___2 Date Analyzed: 01/09/90

Column (packed/cap) PACK__ Dilution Factor: 1.0_____

Number TICs found: __0

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q

004052

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

LAB SAMPLE NO.

2218-35

Lab Name: PNELI_____ Contract: INEL_____

Lab Code: PNELI__ Case No.: 2218__ SAS No.: _____ SDG No.: ICPP-CPP55

Matrix: (soil/water) SOIL__ Lab Sample ID: 2218-35_____

Sample wt/vol: __5.0 (g/mL) G___ Lab File ID: B3824_____

Level: (low/med) LOW___ Date Received: 01/05/90

% Moisture: not dec. ___6 Date Analyzed: 01/09/90

Column: (pack/cap) PACK__ Dilution Factor: 1.0_____

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
74-87-3	Chloromethane	11	U
74-83-9	Bromomethane	11	U
75-01-4	Vinyl Chloride	11	U
75-00-3	Chloroethane	11	U
75-09-2	Methylene Chloride	5	U
67-64-1	Acetone	11	U
75-15-0	Carbon Disulfide	5	U
75-35-4	1,1-Dichloroethene	5	U
75-34-3	1,1-Dichloroethane	5	U
540-59-0	1,2-Dichloroethene (total)	5	U
67-66-3	Chloroform	5	U
107-06-2	1,2-Dichloroethane	5	U
78-93-3	2-Butanone	11	U
71-55-6	1,1,1-Trichloroethane	5	U
56-23-5	Carbon Tetrachloride	5	U
108-05-4	Vinyl Acetate	11	U
75-27-4	Bromodichloromethane	5	U
78-87-5	1,2-Dichloropropane	5	U
10061-01-5	cis-1,3-Dichloropropene	5	U
79-01-6	Trichloroethene	5	U
124-48-1	Dibromochloromethane	5	U
79-00-5	1,1,2-Trichloroethane	5	U
71-43-2	Benzene	5	U
10061-02-6	Trans-1,3-Dichloropropene	5	U
75-25-2	Bromoform	5	U
108-10-1	4-Methyl-2-Pentanone	11	U
591-78-6	2-Hexanone	11	U
127-18-4	Tetrachloroethene	5	U
79-34-5	1,1,2,2-Tetrachloroethane	5	U
108-88-3	Toluene	5	U
108-90-7	Chlorobenzene	5	U
100-41-4	Ethylbenzene	5	U
100-42-5	Styrene	5	U
1330-20-7	Xylene (total)	5	U

004053

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

LAB SAMPLE NO.
2218-35

Lab Name: PNELI_____ Contract: INEL_____

Lab Code: PNELI__ Case No.: 2218__ SAS No.: _____ SDG No.: ICPP-CPP55

Matrix: (soil/water) SOIL__ Lab Sample ID: 2218-35_____

Sample wt/vol: __5.0 (g/mL) G___ Lab File ID: B3824_____

Level: (low/med) LOW___ Date Received: 01/05/90

% Moisture: not dec. ___0 Date Analyzed: 01/09/90

Column (pack/cap) PACK__ Dilution Factor: 1.0_____

Number TICs found: __0

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q

004054

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

LAB SAMPLE NO

2218-38

Lab Name: PNELI_____ Contract: INEL_____

Lab Code: PNELI__ Case No.: 2218__ SAS No.: _____ SDG No.: ICFP-CPP55

Matrix: (soil/water) SOIL__ Lab Sample ID: 2218-38_____

Sample wt/vol: __5.0 (g/mL) G___ Lab File ID: B3826_____

Level: (low/med) LOW___ Date Received: 01/05/90

% Moisture: not dec. ___3 Date Analyzed: 01/09/90

Column: (pack/cap) PACK__ Dilution Factor: 1.0_____

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
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	1	J
67-64-1	Acetone	10	J
75-15-0	Carbon Disulfide	5	U
75-35-4	1,1-Dichloroethene	5	U
75-34-3	1,1-Dichloroethane	5	U
540-59-0	1,2-Dichloroethene (total)	5	U
67-66-3	Chloroform	5	U
107-06-2	1,2-Dichloroethane	5	U
78-93-3	2-Butanone	10	U
71-55-6	1,1,1-Trichloroethane	5	U
56-23-5	Carbon Tetrachloride	5	U
108-05-4	Vinyl Acetate	10	U
75-27-4	Bromodichloromethane	5	U
78-87-5	1,2-Dichloropropane	5	U
10061-01-5	cis-1,3-Dichloropropene	5	U
79-01-6	Trichloroethene	5	U
124-48-1	Dibromochloromethane	5	U
79-00-5	1,1,2-Trichloroethane	5	U
71-43-2	Benzene	5	U
10061-02-6	Trans-1,3-Dichloropropene	5	U
75-25-2	Bromoform	5	U
108-10-1	4-Methyl-2-Pentanone	10	U
591-78-6	2-Hexanone	10	U
127-18-4	Tetrachloroethene	5	U
79-34-5	1,1,2,2-Tetrachloroethane	5	U
108-88-3	Toluene	5	U
108-90-7	Chlorobenzene	5	U
100-41-4	Ethylbenzene	5	U
100-42-5	Styrene	5	U
1330-20-7	Xylene (total)	5	U

004055

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

LAB SAMPLE NO.
2218-38

Lab Name: FNELI_____ Contract: INEL_____

Lab Code: FNELI__ Case No.: 2218__ SAS No.: _____ SDG No.: ICPP-CPP55

Matrix: (soil/water) SOIL__ Lab Sample ID: 2218-38_____

Sample wt/vol: __5.0 (g/mL) G___ Lab File ID: B3826_____

Level: (low/med) LOW___ Date Received: 01/05/90

% Moisture: not dec. ___3 Date Analyzed: 01/09/90

Column (pack/cap) PACK__ Dilution Factor: 1.0_____

Number TICs found: __0

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q

004056

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

LAB SAMPLE NO.
2218-41

Lab Name: PNELI_____ Contract: INEL_____

Lab Code: PNELI__ Case No.: 2218__ SAS No.: _____ SDG No.: ICPP-CPP55

Matrix: (soil/water) SOIL__ Lab Sample ID: 2218-41_____

Sample wt/vol: __5.0 (g/mL) G___ Lab File ID: B3827_____

Level: (low/med) LOW___ Date Received: 01/05/90

% Moisture: not dec. ___4 Date Analyzed: 01/09/90

Column: (pack/cap) PACK__ Dilution Factor: 1.0_____

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
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	11	
75-15-0	Carbon Disulfide	5	U
75-35-4	1,1-Dichloroethene	5	U
75-34-3	1,1-Dichloroethane	5	U
540-59-0	1,2-Dichloroethene (total)	5	U
67-66-3	Chloroform	5	U
107-06-2	1,2-Dichloroethane	5	U
78-93-3	2-Butanone	10	U
71-55-6	1,1,1-Trichloroethane	5	U
56-23-5	Carbon Tetrachloride	5	U
108-05-4	Vinyl Acetate	10	U
75-27-4	Bromodichloromethane	5	U
78-87-5	1,2-Dichloropropane	5	U
10061-01-5	cis-1,3-Dichloropropene	5	U
79-01-6	Trichloroethene	5	U
124-48-1	Dibromochloromethane	5	U
79-00-5	1,1,2-Trichloroethane	5	U
71-43-2	Benzene	5	U
10061-02-6	Trans-1,3-Dichloropropene	5	U
75-25-2	Bromoform	5	U
108-10-1	4-Methyl-2-Pentanone	10	U
591-78-6	2-Hexanone	10	U
127-18-4	Tetrachloroethene	5	U
79-34-5	1,1,2,2-Tetrachloroethane	5	U
108-88-3	Toluene	5	U
108-90-7	Chlorobenzene	5	U
100-41-4	Ethylbenzene	5	U
100-42-5	Styrene	5	U
1330-20-7	Xylene (total)	5	U

004057

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

LAB SAMPLE NO.
2218-41

Lab Name: PNELI_____ Contract: INEL_____

Lab Code: PNELI__ Case No.: 2218__ SAS No.: _____ SDG No.: ICPP-CPP55

Matrix: (soil/water) SOIL__ Lab Sample ID: 2218-41_____

Sample wt/vol: __5.0 (g/mL) G___ Lab File ID: B3827_____

Level: (low/med) LOW___ Date Received: 01/05/90

% Moisture: not dec. ___4 Date Analyzed: 01/09/90

Column (pack/cap) PACK__ Dilution Factor: 1.0_____

Number TICs found: __1

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	UNKNOWN	3.43	6	J

004058

VOLATILE ORGANICS ANALYSIS DATA SHEET

LAB SAMPLE NO.
2218-44

Lab Name: PNELI_____ Contract: INEL_____

Lab Code: PNELI__ Case No.: 2218__ SAS No.: _____ SDG No.: ICPP-CPP55

Matrix: (soil/water) SOIL__ Lab Sample ID: 2218-44_____

Sample wt/vol: __5.0 (g/mL) G___ Lab File ID: B3831_____

Level: (low/med) LOW___ Date Received: 01/05/90

% Moisture: not dec. ___4 Date Analyzed: 01/10/90

Column: (pack/cap) PACK__ Dilution Factor: 1.0_____

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
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	4	BJ
75-15-0	Carbon Disulfide	5	U
75-35-4	1,1-Dichloroethene	5	U
75-34-3	1,1-Dichloroethane	5	U
540-59-0	1,2-Dichloroethene (total)	5	U
67-66-3	Chloroform	5	U
107-06-2	1,2-Dichloroethane	5	U
78-93-3	2-Butanone	2	BJ
71-55-6	1,1,1-Trichloroethane	5	U
56-23-5	Carbon Tetrachloride	5	U
108-05-4	Vinyl Acetate	10	U
75-27-4	Bromodichloromethane	5	U
78-87-5	1,2-Dichloropropane	5	U
10061-01-5	cis-1,3-Dichloropropene	5	U
79-01-6	Trichloroethene	5	U
124-48-1	Dibromochloromethane	5	U
79-00-5	1,1,2-Trichloroethane	5	U
71-43-2	Benzene	5	U
10061-02-6	Trans-1,3-Dichloropropene	5	U
75-25-2	Bromoform	5	U
108-10-1	4-Methyl-2-Pentanone	10	U
591-78-6	2-Hexanone	10	U
127-18-4	Tetrachloroethene	5	U
79-34-5	1,1,2,2-Tetrachloroethane	5	U
108-88-3	Toluene	5	U
108-90-7	Chlorobenzene	5	U
100-41-4	Ethylbenzene	5	U
100-42-5	Styrene	5	U
1330-20-7	Xylene (total)	5	U

004059

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

LAB SAMPLE NO.

2218-44

Lab Name: PNELI_____ Contract: INEL_____

Lab Code: PNELI__ Case No.: 2218__ SAS No.: _____ SDG No.: ICPP-CPP55

Matrix: (soil/water) SOIL__ Lab Sample ID: 2218-44_____

Sample wt/vol: __5.0 (g/mL) G___ Lab File ID: B3831_____

Level: (low/med) LOW___ Date Received: 01/05/90

% Moisture: not dec. ___4 Date Analyzed: 01/10/90

Column (packed/cap) PACK__ Dilution Factor: 1.0_____

Number TICs found: __0

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q

004060

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

LAB SAMPLE NO.

2218-47

Lab Name: PNELI_____ Contract: INEL_____

Lab Code: PNELI__ Case No.: 2218__ SAS No.: _____ SDG No.: ICPP-CPP55

Matrix: (soil/water) SOIL__ Lab Sample ID: 2218-47_____

Sample wt/vol: __5.0 (g/mL) G___ Lab File ID: B3832_____

Level: (low/med) LOW___ Date Received: 01/05/90

% Moisture: not dec. ___4 Date Analyzed: 01/10/90

Column: (pack/cap) PACK__ Dilution Factor: 1.0_____

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
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	5	BJ
75-15-0	Carbon Disulfide	5	U
75-35-4	1,1-Dichloroethene	5	U
75-34-3	1,1-Dichloroethane	5	U
540-59-0	1,2-Dichloroethene (total)	5	U
67-66-3	Chloroform	5	U
107-06-2	1,2-Dichloroethane	5	U
78-93-3	2-Butanone	2	BJ
71-55-6	1,1,1-Trichloroethane	5	U
56-23-5	Carbon Tetrachloride	5	U
108-05-4	Vinyl Acetate	10	U
75-27-4	Bromodichloromethane	5	U
78-87-5	1,2-Dichloropropane	5	U
10061-01-5	cis-1,3-Dichloropropene	5	U
79-01-6	Trichloroethene	5	U
124-48-1	Dibromochloromethane	5	U
79-00-5	1,1,2-Trichloroethane	5	U
71-43-2	Benzene	5	U
10061-02-6	Trans-1,3-Dichloropropene	5	U
75-25-2	Bromoform	5	U
108-10-1	4-Methyl-2-Pentanone	10	U
591-78-6	2-Hexanone	10	U
127-18-4	Tetrachloroethene	5	U
79-34-5	1,1,2,2-Tetrachloroethane	5	U
108-88-3	Toluene	5	U
108-90-7	Chlorobenzene	5	U
100-41-4	Ethylbenzene	5	U
100-42-5	Styrene	5	U
1330-20-7	Xylene (total)	5	U

004061

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

LAB SAMPLE NO.
2218-47

Lab Name: PNELI_____ Contract: INEL_____

Lab Code: PNELI__ Case No.: 2218__ SAS No.: _____ SDG No.: ICPP-CPP55

Matrix: (soil/water) SOIL__ Lab Sample ID: 2218-47_____

Sample wt/vol: __5.0 (g/mL) G___ Lab File ID: B3832_____

Level: (low/med) LOW___ Date Received: 01/05/90

% Moisture: not dec. ___4 Date Analyzed: 01/10/90

Column (pack/cap) PACK__ Dilution Factor: 1.0_____

Number TICs found: __0

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q

004062

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

LAB SAMPLE NO.

2218-50

Lab Name: PNELI_____ Contract: INEL_____

Lab Code: PNELI__ Case No.: 2218__ SAS No.: _____ SDG No.: ICPP-CPP55

Matrix: (soil/water) SOIL__ Lab Sample ID: 2218-50_____

Sample wt/vol: __5.0 (g/mL) G___ Lab File ID: B3833_____

Level: (low/med) LOW___ Date Received: 01/05/90

% Moisture: not dec. ___4 Date Analyzed: 01/10/90

Column: (pack/cap) PACK__ Dilution Factor: 1.0_____

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
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
75-15-0	Carbon Disulfide	5	U
75-35-4	1,1-Dichloroethene	5	U
75-34-3	1,1-Dichloroethane	5	U
540-59-0	1,2-Dichloroethene (total)	5	U
67-66-3	Chloroform	5	U
107-06-2	1,2-Dichloroethane	5	U
78-93-3	2-Butanone	10	U
71-55-6	1,1,1-Trichloroethane	5	U
56-23-5	Carbon Tetrachloride	5	U
108-05-4	Vinyl Acetate	10	U
75-27-4	Bromodichloromethane	5	U
78-87-5	1,2-Dichloropropane	5	U
10061-01-5	cis-1,3-Dichloropropene	5	U
79-01-6	Trichloroethene	5	U
124-48-1	Dibromochloromethane	5	U
79-00-5	1,1,2-Trichloroethane	5	U
71-43-2	Benzene	5	U
10061-02-6	Trans-1,3-Dichloropropene	5	U
75-25-2	Bromoform	5	U
108-10-1	4-Methyl-2-Pentanone	10	U
591-78-6	2-Hexanone	10	U
127-18-4	Tetrachloroethene	5	U
79-34-5	1,1,2,2-Tetrachloroethane	5	U
108-88-3	Toluene	5	U
108-90-7	Chlorobenzene	5	U
100-41-4	Ethylbenzene	5	U
100-42-5	Styrene	5	U
1330-20-7	Xylene (total)	5	U

004063

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

LAB SAMPLE NO.
2218-50

Lab Name: PNELI_____ Contract: INEL_____

Lab Code: PNELI__ Case No.: 2218__ SAS No.: _____ SDG No.: ICPP-CPP55

Matrix: (soil/water) SOIL__ Lab Sample ID: 2218-50_____

Sample wt/vol: __5.0 (g/mL) G___ Lab File ID: B3833_____

Level: (low/med) LOW___ Date Received: 01/05/90

% Moisture: not dec. ___4 Date Analyzed: 01/10/90

Column (pack/cap) PACK__ Dilution Factor: 1.0_____

Number TICs found: __0

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q

004064

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

LAB SAMPLE NO.

VBLKB1

Lab Name: PNELI_____ Contract: INEL_____

Lab Code: PNELI__ Case No.: 2218__ SAS No.: _____ SDG No.: ICPP-CPP55

Matrix: (soil/water) SOIL__ Lab Sample ID: VBLKB1_____

Sample wt/vol: __5.0 (g/mL) G___ Lab File ID: B3811_____

Level: (low/med) LOW___ Date Received: _____

% Moisture: not dec. ____ Date Analyzed: 01/08/90

Column: (pack/cap) PACK__ Dilution Factor: 1.0_____

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
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	4	J
67-64-1	Acetone	10	U
75-15-0	Carbon Disulfide	5	U
75-35-4	1,1-Dichloroethene	5	U
75-34-3	1,1-Dichloroethane	5	U
540-59-0	1,2-Dichloroethene (total)	5	U
67-66-3	Chloroform	5	U
107-06-2	1,2-Dichloroethane	5	U
78-93-3	2-Butanone	2	J
71-55-6	1,1,1-Trichloroethane	5	U
56-23-5	Carbon Tetrachloride	5	U
108-05-4	Vinyl Acetate	10	U
75-27-4	Bromodichloromethane	5	U
78-87-5	1,2-Dichloropropane	5	U
10061-01-5	cis-1,3-Dichloropropene	5	U
79-01-6	Trichloroethene	5	U
124-48-1	Dibromochloromethane	5	U
79-00-5	1,1,2-Trichloroethane	5	U
71-43-2	Benzene	5	U
10061-02-6	Trans-1,3-Dichloropropene	5	U
75-25-2	Bromoform	5	U
108-10-1	4-Methyl-2-Pentanone	10	U
591-78-6	2-Hexanone	10	U
127-18-4	Tetrachloroethene	5	U
79-34-5	1,1,2,2-Tetrachloroethane	5	U
108-88-3	Toluene	5	U
108-90-7	Chlorobenzene	5	U
100-41-4	Ethylbenzene	5	U
100-42-5	Styrene	5	U
1330-20-7	Xylene (total)	5	U

094073

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

LAB SAMPLE NO.
VBLKB1

Lab Name: PNELI_____ Contract: INEL_____

Lab Code: PNELI__ Case No.: 2218__ SAS No.: _____ SDG No.: ICPP-CPPE5

Matrix: (soil/water) SOIL__ Lab Sample ID: VBLKB1_____

Sample wt/vol: __5.0 (g/mL) G___ Lab File ID: B3811_____

Level: (low/med) LOW___ Date Received: _____

% Moisture: not dec. ____ Date Analyzed: 01/08/90

Column (pack/cap) PACK__ Dilution Factor: 1.0_____

Number TICs found: __0

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q

004074

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

LAB SAMPLE NO.

VBLKB2

Lab Name: PNELI_____ Contract: INEL_____

Lab Code: PNELI__ Case No.: 2218__ SAS No.: _____ SDG No.: ICPP-CPP55

Matrix: (soil/water) SOIL__ Lab Sample ID: VBLKB2_____

Sample wt/vol: __5.0 (g/mL) G___ Lab File ID: B3821_____

Level: (low/med) LOW___ Date Received: _____

% Moisture: not dec. ____ Date Analyzed: 01/09/90

Column: (pack/cap) PACK__ Dilution Factor: 1.0_____

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
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
75-15-0	Carbon Disulfide	5	U
75-35-4	1,1-Dichloroethene	5	U
75-34-3	1,1-Dichloroethane	5	U
540-59-0	1,2-Dichloroethene (total)	5	U
67-66-3	Chloroform	5	U
107-06-2	1,2-Dichloroethane	5	U
78-93-3	2-Butanone	10	U
71-55-6	1,1,1-Trichloroethane	5	U
56-23-5	Carbon Tetrachloride	5	U
108-05-4	Vinyl Acetate	10	U
75-27-4	Bromodichloromethane	5	U
78-87-5	1,2-Dichloropropane	5	U
10061-01-5	cis-1,3-Dichloropropene	5	U
79-01-6	Trichloroethene	5	U
124-48-1	Dibromochloromethane	5	U
79-00-5	1,1,2-Trichloroethane	5	U
71-43-2	Benzene	5	U
10061-02-6	Trans-1,3-Dichloropropene	5	U
75-25-2	Bromoform	5	U
108-10-1	4-Methyl-2-Pentanone	10	U
591-78-6	2-Hexanone	10	U
127-18-4	Tetrachloroethene	5	U
79-34-5	1,1,2,2-Tetrachloroethane	5	U
108-88-3	Toluene	5	U
108-90-7	Chlorobenzene	5	U
100-41-4	Ethylbenzene	5	U
100-42-5	Styrene	5	U
1330-20-7	Xylene (total)	5	U

004075

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

LAB SAMPLE NO.

VBLKB2

Lab Name: PNELI_____ Contract: INEL_____

Lab Code: PNELI__ Case No.: 3218__ SAS No.: _____ SDG No.: ICPP-CPP55

Matrix: (soil/water) SOIL__ Lab Sample ID: VBLKB2_____

Sample wt/vol: __5.0 (g/mL) G___ Lab File ID: B3821_____

Level: (low/med) LOW___ Date Received: _____

% Moisture: not dec. ____ Date Analyzed: 01/09/90

Column (pack/cap) PACK__ Dilution Factor: 1.0_____

Number TICs found: __0

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q

004076

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

LAB SAMPLE NO.

VBLKB3

Lab Name: PNELI Contract: INEL

Lab Code: PNELI Case No.: 2218 SAS No.: SDG No.: ICPP-CPP55

Matrix: (soil/water) SOIL Lab Sample ID: VBLKB3

Sample wt/vol: 5.0 (g/mL) G Lab File ID: B3830

Level: (low/med) LOW Date Received:

% Moisture: not dec. Date Analyzed: 01/10/90

Column: (pack/cap) PACK Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
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	5	J
75-15-0	Carbon Disulfide	5	U
75-35-4	1,1-Dichloroethene	5	U
75-34-3	1,1-Dichloroethane	5	U
540-59-0	1,2-Dichloroethene (total)	5	U
67-66-3	Chloroform	5	U
107-06-2	1,2-Dichloroethane	5	U
78-93-3	2-Butanone	2	J
71-55-6	1,1,1-Trichloroethane	5	U
56-23-5	Carbon Tetrachloride	5	U
108-05-4	Vinyl Acetate	10	U
75-27-4	Bromodichloromethane	5	U
78-87-5	1,2-Dichloropropane	5	U
10061-01-5	cis-1,3-Dichloropropene	5	U
79-01-6	Trichloroethene	5	U
124-48-1	Dibromochloromethane	5	U
79-00-5	1,1,2-Trichloroethane	5	U
71-43-2	Benzene	5	U
10061-02-6	Trans-1,3-Dichloropropene	5	U
75-25-2	Bromoform	5	U
108-10-1	4-Methyl-2-Pentanone	10	U
591-78-6	2-Hexanone	10	U
127-18-4	Tetrachloroethene	5	U
79-34-5	1,1,2,2-Tetrachloroethane	5	U
108-88-3	Toluene	5	U
108-90-7	Chlorobenzene	5	U
100-41-4	Ethylbenzene	5	U
100-42-5	Styrene	5	U
1330-20-7	Xylene (total)	5	U

004077

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

LAB SAMPLE NO.
VBLKB3

Lab Name: PNELI_____ Contract: INEL_____

Lab Code: PNELI__ Case No.: 0019__ SAS No.: _____ SDG No.: ICPP-CPP55

Matrix: (soil/water) SOIL__ Lab Sample ID: VBLKB3_____

Sample wt/vol: __5.0 (g/mL) G___ Lab File ID: B3830_____

Level: (low/med) LOW___ Date Received: _____

% Moisture: not dec. ____ Date Analyzed: 01/10/90

Column (pack/cap) PACK__ Dilution Factor: 1.0_____

Number TICs found: __1

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	UNKNNOWN	3.35	10	J

004078

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

LAB SAMPLE NO.

VBLKA1

Lab Name: PNELI_____ Contract: INEL_____

Lab Code: PNELI__ Case No.: 2218__ SAS No.: _____ SDG No.: ICPP-CPP55

Matrix: (soil/water) WATER_ Lab Sample ID: VBLKA1_____

Sample wt/vol: __5.0 (g/mL) mL__ Lab File ID: A3852_____

Level: (low/med) LOW___ Date Received: _____

% Moisture: not dec. ____ Date Analyzed: 01/10/90

Column: (pack/cap) PACK__ Dilution Factor: 1.0_____

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L_	Q
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	3	J
75-15-0	Carbon Disulfide	5	U
75-35-4	1,1-Dichloroethene	5	U
75-34-3	1,1-Dichloroethane	5	U
540-59-0	1,2-Dichloroethene (total)	5	U
67-66-3	Chloroform	5	U
107-06-2	1,2-Dichloroethane	5	U
78-93-3	2-Butanone	10	U
71-55-6	1,1,1-Trichloroethane	5	U
56-23-5	Carbon Tetrachloride	5	U
108-05-4	Vinyl Acetate	10	U
75-27-4	Bromodichloromethane	5	U
78-87-5	1,2-Dichloropropane	5	U
10061-01-5	cis-1,3-Dichloropropene	5	U
79-01-6	Trichloroethene	5	U
124-48-1	Dibromochloromethane	5	U
79-00-5	1,1,2-Trichloroethane	5	U
71-43-2	Benzene	5	U
10061-02-6	Trans-1,3-Dichloropropene	5	U
75-25-2	Bromoform	5	U
108-10-1	4-Methyl-2-Pentanone	10	U
591-78-6	2-Hexanone	10	U
127-18-4	Tetrachloroethene	5	U
79-34-5	1,1,2,2-Tetrachloroethane	5	U
108-88-3	Toluene	5	U
108-90-7	Chlorobenzene	5	U
100-41-4	Ethylbenzene	5	U
100-42-5	Styrene	5	U
1330-20-7	Xylene (total)	5	U

004079

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

LAB SAMPLE NO.
VBLKA1

Lab Name: PNELI_____ Contract: INEL_____

Lab Code: PNELI__ Case No.: 2218__ SAS No.: _____ SDG No.: ICPP-CPP55

Matrix: (soil/water) WATER_ Lab Sample ID: VBLKA1_____

Sample wt/vol: __5.0 (g/mL) ML__ Lab File ID: A3852_____

Level: (low/med) LOW___ Date Received: _____

% Moisture: not dec. ____ Date Analyzed: 01/10/90

Column (pack/cap) PACK__ Dilution Factor: 1.0_____

Number TICs found: __0

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L_

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q

004080

U.S. EPA - CLP

1

INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

KPPS5-04-TX-1-FB

Lab Name: PNEL Contract: _____

Lab Code: _____ Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix (soil/water): water Lab Sample ID: 2218-01

Level (low/med): _____ Date Received: 01-05-90

% Solids: _____

Concentration Units (ug/L or mg/kg dry weight): ug/L

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum				
7440-36-0	Antimony				
7440-38-2	Arsenic	4450			F
7440-39-3	Barium	10.0	U		P
7440-41-7	Beryllium				
7440-43-9	Cadmium	45.8			P
7440-70-2	Calcium				
7440-47-3	Chromium	10.0	U		P
7440-48-4	Cobalt				
7440-50-8	Copper				
7439-89-6	Iron	50.0	U		P
7439-92-1	Lead	3.0	U		F
7439-95-4	Magnesium				
7439-96-5	Manganese				
7439-97-6	Mercury	0.10	U		CV
7440-02-0	Nickel	20.0	U		P
7440-09-7	Potassium				
7782-49-2	Selenium	920			F
7440-22-4	Silver	10.0	U		P
7440-23-5	Sodium				
7440-28-0	Thallium				
7440-62-2	Vanadium				
7440-66-6	Zinc				
	Cyanide				

Color Before: _____ Clarity Before: _____ Texture: _____

Color After: _____ Clarity After: _____ Artifacts: _____

Comments:

004001

FORM I - IN

7/88

U.S. EPA - CLP

1

INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

CPPSS-02-TX-1-S

Lab Name: PNEL Contract: _____

Lab Code: _____ Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix (soil/water): soil Lab Sample ID: 2218-05

Level (low/med): low Date Received: 01-05-90

% Solids: 95.2

Concentration Units (ug/L or mg/kg dry weight): mg/kg

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum				
7440-36-0	Antimony				
7440-38-2	Arsenic	6.2			F
7440-39-3	Barium	144			P
7440-41-7	Beryllium				
7440-43-9	Cadmium	1.0	U	N	P
7440-70-2	Calcium				
7440-47-3	Chromium	32.4		*	P
7440-48-4	Cobalt				
7440-50-8	Copper				
7439-89-6	Iron	13900		E	P
7439-92-1	Lead	10.6			F
7439-95-4	Magnesium				
7439-96-5	Manganese				
7439-97-6	Mercury	0.12		N	CV
7440-02-0	Nickel	21.8			P
7440-09-7	Potassium				
7782-49-2	Selenium	0.62	U	N	F
7440-22-4	Silver	2.1	U		P
7440-23-5	Sodium				
7440-28-0	Thallium				
7440-62-2	Vanadium				
7440-66-6	Zinc				
	Cyanide				

Color Before: _____ Clarity Before: _____ Texture: Coarse

Color After: _____ Clarity After: _____ Artifacts: Yes

Comments:

004002

FORM I - IN

7/88

U.S. EPA - CLP

1

INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

CPPS5-02-TX-3-8

Lab Name: PNEL Contract: _____

Lab Code: _____ Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix (soil/water): soil Lab Sample ID: 2218-08

Level (low/med): low Date Received: 01-05-90

% Solids: 95.3

Concentration Units (ug/L or mg/kg dry weight): mg/kg

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum				
7440-36-0	Antimony				
7440-38-2	Arsenic	6.1			F
7440-39-3	Barium	133			P
7440-41-7	Beryllium				
7440-43-9	Cadmium	1.0	U	N	P
7440-70-2	Calcium				
7440-47-3	Chromium	29.6		*	P
7440-48-4	Cobalt				
7440-50-8	Copper				
7439-89-6	Iron	12900		E	P
7439-92-1	Lead	10.1			F
7439-95-4	Magnesium				
7439-96-5	Manganese				
7439-97-6	Mercury	0.27		N	CV
7440-02-0	Nickel	19.1			P
7440-09-7	Potassium				
7782-49-2	Selenium	0.61	U	N,W	F
7440-22-4	Silver	2.0	U		P
7440-23-5	Sodium				
7440-28-0	Thallium				
7440-62-2	Vanadium				
7440-66-6	Zinc				
	Cyanide				

Color Before: _____ Clarity Before: _____ Texture: coarse

Color After: _____ Clarity After: _____ Artifacts: Yes

Comments:

004003

FORM I - IN

7/88

U.S. EPA - CLP

1

INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

KPP55-02-TX-6-11

Lab Name: PNEL Contract: _____

Lab Code: _____ Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix (soil/water): soil Lab Sample ID: 2218-11

Level (low/med): low Date Received: 01-05-90

% Solids: 96.0

Concentration Units (ug/L or mg/kg dry weight): mg/kg

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum				
7440-36-0	Antimony				
7440-38-2	Arsenic	5.5			F
7440-39-3	Barium	96.1			P
7440-41-7	Beryllium				
7440-43-9	Cadmium	0.90	U	N	P
7440-70-2	Calcium				
7440-47-3	Chromium	15.2		*	P
7440-48-4	Cobalt				
7440-50-8	Copper				
7439-89-6	Iron	10600		E	P
7439-92-1	Lead	7.6			F
7439-95-4	Magnesium				
7439-96-5	Manganese				
7439-97-6	Mercury	0.05	U	N	CV
7440-02-0	Nickel	16.8			P
7440-09-7	Potassium				
7782-49-2	Selenium	0.56	U	NW	F
7440-22-4	Silver	1.8	U		P
7440-23-5	Sodium				
7440-28-0	Thallium				
7440-62-2	Vanadium				
7440-66-6	Zinc				
	Cyanide				

Color Before: _____ Clarity Before: _____ Texture: Coarse

Color After: _____ Clarity After: _____ Artifacts: Yes

Comments:

004004

FORM I - IN

7/88

U.S. EPA - CLP

1

INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

CPP55-02-TX-14-EB

Lab Name: PNEL Contract: _____

Lab Code: _____ Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix (soil/water): water Lab Sample ID: 2218-14

Level (low/med): _____ Date Received: 01-05-90

% Solids: _____

Concentration Units (ug/L or mg/kg dry weight): ug/L

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum				
7440-36-0	Antimony				
7440-38-2	Arsenic	3.0	U		F
7440-39-3	Barium	10.0	U		P
7440-41-7	Beryllium				
7440-43-9	Cadmium	5.0	U		P
7440-70-2	Calcium				
7440-47-3	Chromium	10.0	U		P
7440-48-4	Cobalt				
7440-50-8	Copper				
7439-89-6	Iron	50.0	U		P
7439-92-1	Lead	3.0	U	W	F
7439-95-4	Magnesium				
7439-96-5	Manganese				
7439-97-6	Mercury	0.10	U		CV
7440-02-0	Nickel	20.0	U		P
7440-09-7	Potassium				
7782-49-2	Selenium	3.0	U		F
7440-22-4	Silver	10.0	U		P
7440-23-5	Sodium				
7440-28-0	Thallium				
7440-62-2	Vanadium				
7440-66-6	Zinc				
	Cyanide				

Color Before: _____ Clarity Before: _____ Texture: _____

Color After: _____ Clarity After: _____ Artifacts: _____

Comments:

004005

FORM I - IN

7/88

U.S. EPA - CLP

1

INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

CPPS5-02-TX-17-DCW

Lab Name: PNEL Contract: _____

Lab Code: _____ Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix (soil/water): water Lab Sample ID: 2218-17

Level (low/med): _____ Date Received: 01-05-90

% Solids: _____

Concentration Units (ug/L or mg/kg dry weight): ug/L

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum				
7440-36-0	Antimony				
7440-38-2	Arsenic	16.0			F
7440-39-3	Barium	1800			P
7440-41-7	Beryllium				
7440-43-9	Cadmium	5.0	U		P
7440-70-2	Calcium				
7440-47-3	Chromium	96.2			P
7440-48-4	Cobalt				
7440-50-8	Copper				
7439-89-6	Iron	52800			P
7439-92-1	Lead	260			F
7439-95-4	Magnesium				
7439-96-5	Manganese				
7439-97-6	Mercury	0.10	U		CV
7440-02-0	Nickel	128			P
7440-09-7	Potassium				
7782-49-2	Selenium	3.0	U	E	F
7440-22-4	Silver	10.0	U		P
7440-23-5	Sodium				
7440-28-0	Thallium				
7440-62-2	Vanadium				
7440-66-6	Zinc				
	Cyanide				

Color Before: _____ Clarity Before: _____ Texture: _____

Color After: _____ Clarity After: _____ Artifacts: _____

Comments:

004006

FORM I - IN

7/88

U.S. EPA - CLP

1

INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

CPPSS-09-TX-1-1

Lab Name: PNEL Contract: _____

Lab Code: _____ Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix (soil/water): Soil Lab Sample ID: 2218-20

Level (low/med): low Date Received: 01-05-90

% Solids: 94.3

Concentration Units (ug/L or mg/kg dry weight): mg/kg

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum				
7440-36-0	Antimony				
7440-38-2	Arsenic	8.0			F
7440-39-3	Barium	163			P
7440-41-7	Beryllium				
7440-43-9	Cadmium	0.99	U	N	P
7440-70-2	Calcium				
7440-47-3	Chromium	40.5		*	P
7440-48-4	Cobalt				
7440-50-8	Copper				
7439-89-6	Iron	18100		E	P
7439-92-1	Lead	11.0			F
7439-95-4	Magnesium				
7439-96-5	Manganese				
7439-97-6	Mercury	0.13		N	CV
7440-02-0	Nickel	26.5			P
7440-09-7	Potassium				
7782-49-2	Selenium	0.59	U	NW	F
7440-22-4	Silver	2.0	U		P
7440-23-5	Sodium				
7440-28-0	Thallium				
7440-62-2	Vanadium				
7440-66-6	Zinc				
	Cyanide				

Color Before: _____ Clarity Before: _____ Texture: coarse

Color After: _____ Clarity After: _____ Artifacts: Yes

Comments:

004007

FORM I - IN

7/88

U.S. EPA - CLP

1

INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

CPPSS-09-TX-3-4

Lab Name: PNEL Contract: _____

Lab Code: _____ Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix (soil/water): soil Lab Sample ID: 2218-23

Level (low/med): low Date Received: 01-05-90

% Solids: 93.6

Concentration Units (ug/L or mg/kg dry weight): mg/kg

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum				
7440-36-0	Antimony				
7440-38-2	Arsenic	7.1			F
7440-39-3	Barium	134			P
7440-41-7	Beryllium				
7440-43-9	Cadmium	0.94		N	P
7440-70-2	Calcium				
7440-47-3	Chromium	20.9		*	P
7440-48-4	Cobalt				
7440-50-8	Copper				
7439-89-6	Iron	14300		E	P
7439-92-1	Lead	10.7			F
7439-95-4	Magnesium				
7439-96-5	Manganese				
7439-97-6	Mercury	0.05	U	N	CV
7440-02-0	Nickel	18.8			P
7440-09-7	Potassium				
7782-49-2	Selenium	0.63	U	NW	F
7440-22-4	Silver	1.9	U		P
7440-23-5	Sodium				
7440-28-0	Thallium				
7440-62-2	Vanadium				
7440-66-6	Zinc				
	Cyanide				

Color Before: _____ Clarity Before: _____ Texture: Coarse

Color After: _____ Clarity After: _____ Artifacts: Yes

Comments:

004008

FORM I - IN

7/88

U.S. EPA - CLP

1

INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

KPPS5-09-TX-6-9

Lab Name: PNEL Contract: _____

Lab Code: _____ Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix (soil/water): soil Lab Sample ID: 2218-28

Level (low/med): low Date Received: 01-05-90

% Solids: 96.0

Concentration Units (ug/L or mg/kg dry weight): mg/kg

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum				
7440-36-0	Antimony				
7440-38-2	Arsenic	6.2			E
7440-39-3	Barium	108			P
7440-41-7	Beryllium				
7440-43-9	Cadmium	1.0	U	N	P
7440-70-2	Calcium				
7440-47-3	Chromium	17.9		*	P
7440-48-4	Cobalt				
7440-50-8	Copper				
7439-89-6	Iron	12100		E	P
7439-92-1	Lead	7.2			F
7439-95-4	Magnesium				
7439-96-5	Manganese				
7439-97-6	Mercury	0.05	U	N	CV
7440-02-0	Nickel	18.1			P
7440-09-7	Potassium				
7782-49-2	Selenium	0.57	U	NW	F
7440-22-4	Silver	2.0	U		P
7440-23-5	Sodium				
7440-28-0	Thallium				
7440-62-2	Vanadium				
7440-66-6	Zinc				
	Cyanide				

Color Before: _____ Clarity Before: _____ Texture: Coarse

Color After: _____ Clarity After: _____ Artifacts: Yes

Comments:

004009

FORM I - IN

7/88

U.S. EPA - CLP

1

INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

CPPSS-09-TX-612-FD

Lab Name: PNEL Contract: _____

Lab Code: _____ Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix (soil/water): soil Lab Sample ID: 2218-31

Level (low/med): low Date Received: 01-05-90

% Solids: 96.3

Concentration Units (ug/L or mg/kg dry weight): mg/kg

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum				
7440-36-0	Antimony				
7440-38-2	Arsenic	6.8			F
7440-39-3	Barium	96.4			P
7440-41-7	Beryllium				
7440-43-9	Cadmium	0.99	U	N	P
7440-70-2	Calcium				
7440-47-3	Chromium	14.6		*	P
7440-48-4	Cobalt				
7440-50-8	Copper				
7439-89-6	Iron	10400		E	P
7439-92-1	Lead	6.4			F
7439-95-4	Magnesium				
7439-96-5	Manganese				
7439-97-6	Mercury	0.05	U	N	CV
7440-02-0	Nickel	14.8			P
7440-09-7	Potassium				
7782-49-2	Selenium	0.60	U	N	F
7440-22-4	Silver	2.0	U		P
7440-23-5	Sodium				
7440-28-0	Thallium				
7440-62-2	Vanadium				
7440-66-6	Zinc				
	Cyanide				

Color Before: _____ Clarity Before: _____ Texture: Coarse

Color After: _____ Clarity After: _____ Artifacts: Yes

Comments:

004010

FORM I - IN

7/88

U.S. EPA - CLP

1

INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

CPP65-08-TX-1-15

Lab Name: PNEL Contract: _____

Lab Code: _____ Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix (soil/water): soil Lab Sample ID: 2218-34

Level (low/med): low Date Received: 01-05-90

% Solids: 93.9

Concentration Units (ug/L or mg/kg dry weight): mg/kg

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum				
7440-36-0	Antimony				
7440-38-2	Arsenic	6.5			F
7440-39-3	Barium	138			P
7440-41-7	Beryllium				
7440-43-9	Cadmium	0.98	U	N	P
7440-70-2	Calcium				
7440-47-3	Chromium	25.4		*	P
7440-48-4	Cobalt				
7440-50-8	Copper				
7439-89-6	Iron	15100		E	P
7439-92-1	Lead	28.7			F
7439-95-4	Magnesium				
7439-96-5	Manganese				
7439-97-6	Mercury	0.08	B	N	CV
7440-02-0	Nickel	65.0			P
7440-09-7	Potassium				
7782-49-2	Selenium	0.63	U	N	F
7440-22-4	Silver	2.0	U		P
7440-23-5	Sodium				
7440-28-0	Thallium				
7440-62-2	Vanadium				
7440-66-6	Zinc				
	Cyanide				

Color Before: _____ Clarity Before: _____ Texture: Coarse

Color After: _____ Clarity After: _____ Artifacts: Yes

Comments:

004011

FORM I - IN

7/88

U.S. EPA - CLP

1

INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

CPPSS-08-TX-3-18

Lab Name: PNEL Contract: _____

Lab Code: _____ Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix (soil/water): soil Lab Sample ID: 2218-37

Level (low/med): low Date Received: 01-05-90

% Solids: 95.2

Concentration Units (ug/L or mg/kg dry weight): mg/kg

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum				
7440-36-0	Antimony				
7440-38-2	Arsenic	6.1			F
7440-39-3	Barium	134			P
7440-41-7	Beryllium				
7440-43-9	Cadmium	0.90	U	N	P
7440-70-2	Calcium				
7440-47-3	Chromium	25.3		*	P
7440-48-4	Cobalt				
7440-50-8	Copper				
7439-89-6	Iron	15100		E	P
7439-92-1	Lead	7.9			F
7439-95-4	Magnesium				
7439-96-5	Manganese				
7439-97-6	Mercury	0.05	U	N	CV
7440-02-0	Nickel	22.2			P
7440-09-7	Potassium				
7782-49-2	Selenium	0.59	U	N	F
7440-22-4	Silver	1.9			P
7440-23-5	Sodium				
7440-28-0	Thallium				
7440-62-2	Vanadium				
7440-66-6	Zinc				
	Cyanide				

Color Before: _____ Clarity Before: _____ Texture: Coarse

Color After: _____ Clarity After: _____ Artifacts: Yes

Comments:

004012

FORM I - IN

7/88

U.S. EPA - CLP

1

INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

CPPS5-08-TX-6-21

Lab Name: PNEL Contract: _____

Lab Code: _____ Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix (soil/water): soil Lab Sample ID: 2218-40

Level (low/med): low Date Received: 01-05-90

% Solids: 95.8

Concentration Units (ug/L or mg/kg dry weight): mg/kg

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum				
7440-36-0	Antimony				
7440-38-2	Arsenic	6.1			F
7440-39-3	Barium	95.3			P
7440-41-7	Beryllium				
7440-43-9	Cadmium	0.87	U	N	P
7440-70-2	Calcium				
7440-47-3	Chromium	21.2		*	P
7440-48-4	Cobalt				
7440-50-8	Copper				
7439-89-6	Iron	13100		E	P
7439-92-1	Lead	6.9			F
7439-95-4	Magnesium				
7439-96-5	Manganese				
7439-97-6	Mercury	0.05	U	N	CV
7440-02-0	Nickel	18.7			P
7440-09-7	Potassium				
7782-49-2	Selenium	0.60	U	N	F
7440-22-4	Silver	1.7	U		P
7440-23-5	Sodium				
7440-28-0	Thallium				
7440-62-2	Vanadium				
7440-66-6	Zinc				
	Cyanide				

Color Before: _____ Clarity Before: _____ Texture: coarse

Color After: _____ Clarity After: _____ Artifacts: Yes

Comments:

FORM I - IN

7/88

004013

U.S. EPA - CLP

1

INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

KPPSS-04-TX-1-20

Lab Name: PNEL Contract: _____

Lab Code: _____ Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix (soil/water): soil Lab Sample ID: 2218-43

Level (low/med): low Date Received: 01-05-90

% Solids: 93.8

Concentration Units (ug/L or mg/kg dry weight): mg/kg

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum				
7440-36-0	Antimony				
7440-38-2	Arsenic	6.7			F
7440-39-3	Barium	140			P
7440-41-7	Beryllium				
7440-43-9	Cadmium	1.0	U	N	P
7440-70-2	Calcium				
7440-47-3	Chromium	23.3		*	P
7440-48-4	Cobalt				
7440-50-8	Copper				
7439-89-6	Iron	14000		E	P
7439-92-1	Lead	11.9			F
7439-95-4	Magnesium				
7439-96-5	Manganese				
7439-97-6	Mercury	0.65		N	CV
7440-02-0	Nickel	22.6			P
7440-09-7	Potassium				
7782-49-2	Selenium	0.64	U	NW	F
7440-22-4	Silver	2.1	U		P
7440-23-5	Sodium				
7440-28-0	Thallium				
7440-62-2	Vanadium				
7440-66-6	Zinc				
	Cyanide				

Color Before: _____ Clarity Before: _____ Texture: Coarse

Color After: _____ Clarity After: _____ Artifacts: Yes

Comments:

FORM I - IN

7/88

004014

U.S. EPA - CLP

1

INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

CPPSS-04-TX-3-23

Lab Name: PNEL Contract: _____

Lab Code: _____ Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix (soil/water): Soil Lab Sample ID: 2218-46

Level (low/med): low Date Received: 01-05-90

% Solids: 91.8

Concentration Units (ug/L or mg/kg dry weight): mg/Kg

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum				
7440-36-0	Antimony				
7440-38-2	Arsenic	6.0			F
7440-39-3	Barium	134			P
7440-41-7	Beryllium				
7440-43-9	Cadmium	1.1	U	N	P
7440-70-2	Calcium				
7440-47-3	Chromium	19.7		*	P
7440-48-4	Cobalt				
7440-50-8	Copper				
7439-89-6	Iron	12800		E	P
7439-92-1	Lead	9.7			F
7439-95-4	Magnesium				
7439-96-5	Manganese				
7439-97-6	Mercury	0.42		N	CV
7440-02-0	Nickel	20.6			P
7440-09-7	Potassium				
7782-49-2	Selenium	0.62	U	N	F
7440-22-4	Silver	2.1	U		P
7440-23-5	Sodium				
7440-28-0	Thallium				
7440-62-2	Vanadium				
7440-66-6	Zinc				
	Cyanide				

Color Before: _____ Clarity Before: _____ Texture: coarse

Color After: _____ Clarity After: _____ Artifacts: Yes

Comments:

004015

FORM I - IN

7/88

U.S. EPA - CLP

1

INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

CPPSS-04-TX-6-26

Lab Name: PNEL Contract: _____

Lab Code: _____ Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix (soil/water): soil Lab Sample ID: 2218-49

Level (low/med): low Date Received: 01-05-90

% Solids: 92.5

Concentration Units (ug/L or mg/kg dry weight): mg/kg

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum				
7440-36-0	Antimony				
7440-38-2	Arsenic	5.9			F
7440-39-3	Barium	117			P
7440-41-7	Beryllium				
7440-43-9	Cadmium	0.98	U	N	P
7440-70-2	Calcium				
7440-47-3	Chromium	22.8		*	P
7440-48-4	Cobalt				
7440-50-8	Copper				
7439-89-6	Iron	14400		E	P
7439-92-1	Lead	16.7			F
7439-95-4	Magnesium				
7439-96-5	Manganese				
7439-97-6	Mercury	0.20		N	CV
7440-02-0	Nickel	24.4			P
7440-09-7	Potassium				
7782-49-2	Selenium	0.61	U	N	F
7440-22-4	Silver	2.0	U		P
7440-23-5	Sodium				
7440-28-0	Thallium				
7440-62-2	Vanadium				
7440-66-6	Zinc				
	Cyanide				

Color Before: _____ Clarity Before: _____ Texture: coarse

Color After: _____ Clarity After: _____ Artifacts: yes

Comments:

004016

FORM I - IN

7/88

PACIFIC NORTHWEST ENVIRONMENTAL LABORATORY

Client No: 30-891206

ORGANIC ANALYSIS REPORT

Customer #	CPP55-10-V3-3-3
PNEL #	2202-03
Sample Description	893-1195-ICPP LDU CPP55
Matrix	Soil
Date Received	12-23-89
Date Analyzed	01-06-90
Units of Measure	ug/kg
Sample Weight	.020 kg

Compound	
Mineral Spirits*	21000 (B)
% Solids	96.6%

* This is not a definitive identification. Any hydrocarbon occuring within the approximate boiling range of the mineral spirits standard is characterized as, and quantitated as, mineral spirits.

\OAD-1206.202

~~002003~~ 4070

PACIFIC NORTHWEST ENVIRONMENTAL LABORATORY

Client No: 30-891206

ORGANIC ANALYSIS REPORT

Customer #	CPP55-10-V3-3-3
PNEL #	2202-03MS
Sample Description	893-1195-ICPP LDU CPP55 Matrix Spike
Matrix	Soil
Date Received	12-23-89
Date Analyzed	01-06-90
Units of Measure	ug/kg
Sample Weight	.020 kg

Compound	
Mineral Spirits*	170000 (B)
% Solids	96.6%

* This is not a definitive identification. Any hydrocarbon occuring within the approximate boiling range of the mineral spirits standard is characterized as, and quantitated as, mineral spirits.

\OAD-1206.202

PACIFIC NORTHWEST ENVIRONMENTAL LABORATORY

Client No: 30-891206

ORGANIC ANALYSIS REPORT

Customer #	CPP55-10-V3-3-3
PNEL #	2202-03MSD
Sample Description	893-1195-ICPP LDU CPP55 Matrix Spike Duplicate
Matrix	Soil
Date Received	12-23-89
Date Analyzed	01-06-90
Units of Measure	ug/kg
Sample Weight	.020 kg

Compound	
Mineral Spirits*	230000 (B)
% Solids	96.6%

* This is not a definitive identification. Any hydrocarbon occuring within the approximate boiling range of the mineral spirits standard is characterized as, and quantitated as, mineral spirits.

\OAD-1206.202

~~002100~~ 4/23

4072

PACIFIC NORTHWEST ENVIRONMENTAL LABORATORY

Client No: 30-891206

ORGANIC ANALYSIS REPORT

Customer #	CPP55-10-V3-6-6
PNEL #	2202-06
Sample Description	893-1195-ICPP LDU CPP55
Matrix	Soil
Date Received	12-23-89
Date Analyzed	01-06-90
Units of Measure	ug/kg
Sample Weight	.020 kg

Compound	
Mineral Spirits*	14000 (B)
% Solid	97.3%

* This is not a definitive identification. Any hydrocarbon occuring within the approximate boiling range of the mineral spirits standard is characterized as, and quantitated as, mineral spirits.

\OAD-1206.202

~~002006~~ 4073

PACIFIC NORTHWEST ENVIRONMENTAL LABORATORY

Client No: 30-891206

ORGANIC ANALYSIS REPORT

Customer #	CPP55-11-V3-1-9
PNEL #	2202-09
Sample Description	893-1195-ICPP LDU CPP55
Matrix	Soil
Date Received	12-23-89
Date Analyzed	01-06-90
Units of Measure	ug/kg
Sample Weight	.020 kg

Compound	
Mineral Spirits*	14000 (B)
% Solids	94.4%

* This is not a definitive identification. Any hydrocarbon occuring within the approximate boiling range of the mineral spirits standard is characterized as, and quantitated as, mineral spirits.

\OAD-1206.202

~~002009~~ 1/23

4074

PACIFIC NORTHWEST ENVIRONMENTAL LABORATORY

Client No: 30-891206

ORGANIC ANALYSIS REPORT

Customer #	CPP55-11-V3-3-12
PNEL #	2202-12
Sample Description	893-1195-ICPP LDU CPP55
Matrix	Soil
Date Received	12-23-89
Date Analyzed	01-06-90
Units of Measure	ug/kg
Sample Weight	.020 kg

Compound	
Mineral Spirits*	46000 (B)
% Solids	93.6%

* This is not a definitive identification. Any hydrocarbon occuring within the approximate boiling range of the mineral spirits standard is characterized as, and quantitated as, mineral spirits.

\OAD-1206.202

~~002012~~ 4075

PACIFIC NORTHWEST ENVIRONMENTAL LABORATORY

Client No: 30-891206

ORGANIC ANALYSIS REPORT

Customer #	CPP55-11-V3-6-15
PNEL #	2202-15
Sample Description	893-1195-ICPP LDU CPP55
Matrix	Soil
Date Received	12-23-89
Date Analyzed	01-06-90
Units of Measure	ug/kg
Sample Weight	.020 kg

Compound	
Mineral Spirits	14000 (B)
% Solids	91.0%

* This is not a definitive identification. Any hydrocarbon occuring within the approximate boiling range of the mineral spirits standard is characterized as, and quantitated as, mineral spirits.

\OAD-1206.202

~~002015~~

4076

PACIFIC NORTHWEST ENVIRONMENTAL LABORATORY

Client No: 30-891206

ORGANIC ANALYSIS REPORT

Customer #	CPP55-11-V3-FB-18
PNEL #	2202-18
Sample Description	893-1195-ICPP LDU CPP55
Matrix	Water
Date Received	12-23-89
Date Analyzed	01-06-90
Units of Measure	ug/L
Sample Volume	0.80 L

Compound	
Mineral Spirits*	740 (B)

* This is not a definitive identification. Any hydrocarbon occuring within the approximate boiling range of the mineral spirits standard is characterized as, and quantitated as, mineral spirits.

\OAD-1206.202

PACIFIC NORTHWEST ENVIRONMENTAL LABORATORY

Client No: 30-891206

ORGANIC ANALYSIS REPORT

Customer #	CPP55-11-V3-TB-19
PNEL #	2202-19
Sample Description	893-1195-ICPP LDU CPP55
Matrix	Water
Date Received	12-23-89
Date Analyzed	01-07-90
Units of Measure	ug/L
Sample Volume	0.978 L

Compound	
Mineral Spirits*	ND (U)

* This is not a definitive identification. Any hydrocarbon occuring within the approximate boiling range of the mineral spirits standard is characterized as, and quantitated as, mineral spirits.

\OAD-1206.202

~~002021~~

4078

PACIFIC NORTHWEST ENVIRONMENTAL LABORATORY

Client No: 30-891206

ORGANIC ANALYSIS REPORT

Customer #	NA
PNEL #	2202-00MB
Sample Description	Matrix Blank
Matrix	Soil
Date Received	NA
Date Analyzed	01-04-90
Units of Measure	ug/kg
Sample Weight	.020 kg

Compound	
Mineral Spirits*	22000 (B)
% Solid	100%

* This is not a definitive identification. Any hydrocarbon occuring within the approximate boiling range of the mineral spirits standard is characterized as, and quantitated as, mineral spirits.

\OAD-1206.202

PACIFIC NORTHWEST ENVIRONMENTAL LABORATORY

Client No: 30-891206

ORGANIC ANALYSIS REPORT

Customer #	NA
PNEL #	2202-00MBR
Sample Description	Matrix Blank
Matrix	Soil
Date Received	NA
Date Analyzed	01-04-90
Units of Measure	ug/kg
Sample Weight	.020 kg

Compound	
Mineral Spirits*	24000 (B)
% Solid	100%

* This is not a definitive identification. Any hydrocarbon occuring within the approximate boiling range of the mineral spirits standard is characterized as, and quantitated as, mineral spirits.

\OAD-1206.202

~~002085~~ 4080

PACIFIC NORTHWEST ENVIRONMENTAL LABORATORY

Client No: 30-891206

ORGANIC ANALYSIS REPORT

Customer #	NA
PNEL #	2202-00MB
Sample Description	Matrix Blank
Matrix	Water
Date Received	NA
Date Analyzed	01-04-90
Units of Measure	ug/L
Sample Volume	1.0 L

Compound	
Mineral Spirits*	270 (B)

* This is not a definitive identification. Any hydrocarbon occuring within the approximate boiling range of the mineral spirits standard is characterized as, and quantitated as, mineral spirits.

\OAD-1206.202

PACIFIC NORTHWEST ENVIRONMENTAL LABORATORY

Client No: 30-891206

ORGANIC ANALYSIS REPORT

Customer #	NA
PNEL #	2202-00MS
Sample Description	Blank Spike
Matrix	Water
Date Received	NA
Date Analyzed	01-06-90
Units of Measure	ug/L
Sample Volume	1.0 L

Compound	
Mineral Spirits*	3400 (B)

* This is not a definitive identification. Any hydrocarbon occuring within the approximate boiling range of the mineral spirits standard is characterized as, and quantitated as, mineral spirits.

\OAD-1206.202

~~002091~~ 4082

PACIFIC NORTHWEST ENVIRONMENTAL LABORATORY

Client No: 30-891206

ORGANIC ANALYSIS REPORT

Customer #	NA
PNEL #	2202-00MSD
Sample Description	Blank Spike Duplicate
Matrix	Water
Date Received	NA
Date Analyzed	01-06-90
Units of Measure	ug/L
Sample Volume	1.0 L

Compound	
Mineral Spirits*	4300 (B)

* This is not a definitive identification. Any hydrocarbon occuring within the approximate boiling range of the mineral spirits standard is characterized as, and quantitated as, mineral spirits.

\OAD-1206.202

~~002094~~ 4083