Leachate samples

@ Site Q

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

X101

Lab Name: ILLINOIS EPA Contract: 1631210001

Lab Code: SPFLD Case No.: SAUGET SAS No.: _____ SDG No.: 577271

Matrix: (soil/water) SOIL Lab Sample ID: D577271

Sample wt/vol: 5.0 (g/mL) G Lab File ID: C0228BK04

Level: (low/med) LOW Date Received: 02/24/95

% Moisture: not dec. 21 Date Analyzed: 02/28/95

GC Column: DB-624 ID: 0.530 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____(uL)

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

CAS NO.	COMPOUND		Q
74-87-3	Chloromethane	13	U
74-83-9	Bromomethane	13	U
75-01-4	Vinyl Chloride	13	UJ
75-00-3	Chloroethane	13	U
75-09-2	Methylene Chloride	15	~~B~~U
67-64-1	Acetone	7	J
75-15-0	Carbon Disulfide	13	U
75-35-4	1,1-Dichloroethene	13	U
75-34-3	1,1-Dichloroethane	13	U
540-59-0	1,2-Dichloroethene (total)	13	U
67-66-3	Chloroform	13 ~~3~~	~~B~~U
107-06-2	1,2-Dichloroethane	13	U
78-93-3	2-Butanone	13	U
71-55-6	1,1,1-Trichloroethane	13	U
56-23-5	Carbon Tetrachloride	13	U
75-27-4	Bromodichloromethane	13	U
78-87-5	1,2-Dichloropropane	13	U
10061-01-5	cis-1,3-Dichloropropene	13	U
79-01-6	Trichloroethene	13	U
124-48-1	Dibromochloromethane	13	U
79-00-5	1,1,2-Trichloroethane	13	U
71-43-2	Benzene	13	U
10061-02-6	trans-1,3-Dichloropropene	13	U
75-25-2	Bromoform	13	UJ
108-10-1	4-Methyl-2-Pentanone	13	U
591-78-6	2-Hexanone	13	U
127-18-4	Tetrachloroethene	7	J
79-34-5	1,1,2,2-Tetrachloroethane	13	U
108-88-3	Toluene	13	U
108-90-7	Chlorobenzene	13	U
100-41-4	Ethylbenzene	13	U
100-42-5	Styrene	13	U
1330-20-7	Xylene (total)	13	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

X101

Lab Name: ILLINOIS EPA Contract: 1631210001

Lab Code: SPFLD Case No.: SAUGET SAS No.: _____ SDG No.: 577271

Matrix: (soil/water) SOIL Lab Sample ID: D577271

Sample wt/vol: 5.0 (g/mL) G Lab File ID: C0228BK04

Level: (low/med) LOW Date Received: 02/24/95

% Moisture: not dec. 21 Date Analyzed: 02/28/95

GC Column: DB-624 ID: 0.530 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____(uL)

Number TICs found: 0

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

X101

Lab Name: ILLINOIS EPA Contract: 1631210001

Lab Code: SPFLD Case No.: SAUGET SAS No.: _____ SDG No.: 577271

Matrix: (soil/water) SOIL Lab Sample ID: D577271

Sample wt/vol: 30.3 (g/mL) G Lab File ID: C0307E09

Level: (low/med) LOW Date Received: 02/24/95

% Moisture: 21 decanted: (Y/N) N Date Extracted: 02/27/95

Concentrated Extract Volume: 500.0 (uL) Date Analyzed: 03/08/95

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) Y pH: 7.3

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
108-95-2	Phenol	410	U
111-44-4	bis(2-Chloroethyl)Ether	410	U
95-57-8	2-Chlorophenol	410	U
541-73-1	1,3-Dichlorobenzene	410	U
106-46-7	1,4-Dichlorobenzene	410	U
95-50-1	1,2-Dichlorobenzene	410	U
95-48-7	2-Methylphenol	410	U
108-60-1	2,2'-oxybis(1-Chloropropane)	410	UJ
106-44-5	4-Methylphenol	410	U
621-64-7	N-Nitroso-Di-n-Propylamine	410	U
67-72-1	Hexachloroethane	410	U
98-95-3	Nitrobenzene	410	U
78-59-1	Isophorone	410	U
88-75-5	2-Nitrophenol	410	U
105-67-9	2,4-Dimethylphenol	410	U
111-91-1	bis(2-Chloroethoxy)Methane	410	U
120-83-2	2,4-Dichlorophenol	410	U
120-82-1	1,2,4-Trichlorobenzene	410	U
91-20-3	Naphthalene	410	U
106-47-8	4-Chloroaniline	410	UJ
87-68-3	Hexachlorobutadiene	410	U
59-50-7	4-Chloro-3-Methylphenol	410	U
91-57-6	2-Methylnaphthalene	410	U
77-47-4	Hexachlorocyclopentadiene	410	U
88-06-2	2,4,6-Trichlorophenol	410	U
95-95-4	2,4,5-Trichlorophenol	1000	U
91-58-7	2-Chloronaphthalene	410	U
88-74-4	2-Nitroaniline	1000	UJ
131-11-3	Dimethylphthalate	410	U
208-96-8	Acenaphthylene	410	U
606-20-2	2,6-Dinitrotoluene	410	U
99-09-2	3-Nitroaniline	1000	UJ
83-32-9	Acenaphthene	410	U

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

X101

Lab Name: ILLINOIS EPA Contract: 1631210001

Lab Code: SPFLD Case No.: SAUGET SAS No.: _____ SDG No.: 577271

Matrix: (soil/water) SOIL Lab Sample ID: D577271

Sample wt/vol: 30.3 (g/mL) G Lab File ID: C0307E09

Level: (low/med) LOW Date Received: 02/24/95

% Moisture: 21 decanted: (Y/N) N Date Extracted: 02/27/95

Concentrated Extract Volume: 500.0 (uL) Date Analyzed: 03/08/95

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) Y pH: 7.3

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
51-28-5	2,4-Dinitrophenol	1000	U
100-02-7	4-Nitrophenol	1000	UJ
132-64-9	Dibenzofuran	410	U
121-14-2	2,4-Dinitrotoluene	410	U
84-66-2	Diethylphthalate	110	J
7005-72-3	4-Chlorophenyl-phenylether	410	U
86-73-7	Fluorene	410	U
100-10-6	4-Nitroaniline	1000	UJ
534-52-1	4,6-Dinitro-2-methylphenol	1000	U
86-30-6	N-Nitrosodiphenylamine (1)	410	U
101-55-3	4-Bromophenyl-phenylether	410	U
118-74-1	Hexachlorobenzene	410	U
87-86-5	Pentachlorophenol	1000	U
85-01-8	Phenanthrene	410	U
120-12-7	Anthracene	410	U
86-74-8	Carbazole	410	U
84-74-2	Di-n-Butylphthalate	470	BU
206-44-0	Fluoranthene	410	U
129-00-0	Pyrene	410	U
85-68-7	Butylbenzylphthalate	410	U
91-94-1	3,3'-Dichlorobenzidine	410	U
56-55-3	Benzo(a)Anthracene	410	U
218-01-9	Chrysene	410	U
117-81-7	bis(2-Ethylhexyl)Phthalate	410	U
117-84-0	Di-n-Octyl Phthalate	410	U
205-99-2	Benzo(b)Fluoranthene	410	U
207-08-9	Benzo(k)Fluoranthene	410	U
50-32-8	Benzo(a)Pyrene	410	U
193-39-5	Indeno(1,2,3-cd)Pyrene	410	U
53-70-3	Dibenz(a,h)Anthracene	410	U
191-24-2	Benzo(g,h,i)Perylene	410	U

(1) - Cannot be separated from Diphenylamine

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

X101

Lab Name: ILLINOIS EPA Contract: 1631210001

Lab Code: SPFLD Case No.: SAUGET SAS No.: _____ SDG No.: 577271

Matrix: (soil/water) SOIL Lab Sample ID: D577271

Sample wt/vol: 30.3 (g/mL) G Lab File ID: C0307E09

Level: (low/med) LOW Date Received: 02/24/95

% Moisture: 21 decanted: (Y/N) N Date Extracted: 02/27/95

Concentrated Extract Volume: 500.0 (uL) Date Analyzed: 03/08/95

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) Y pH: 7.3

Number TICs found: 13

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	UNKNOWN ALIP. HYDROCARBON	7.38	170	BJ
2.	UNKNOWN	7.72	2300	BJ
3.	UNKNOWN ALIP. HYDROCARBON	8.18	720	BJ
4. 123-42-2	~~3PENTANONE, 4HYDROXY-4METHYL~~	~~8.47~~	~~26000~~	~~JNBA~~
5.	UNKNOWN	8.74	260	BJ
6.	UNKNOWN	9.97	730	BJ
7.	UNKNOWN	10.97	360	J
8.	UNKNOWN	11.47	780	J
9.	UNKNOWN	12.62	680	J
10.	UNKNOWN ALIP. ACID	24.95	820	J
11.	UNKNOWN	30.02	660	J
12.	UNKNOWN ALIP. HYDROCARBON	32.01	420	J
13.	UNKNOWN ALIP. HYDROCARBON	34.69	1200	J

1D
PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

X101

Lab Name: ILLINOIS EPA Contract: 1631210001

Lab Code: SPFLD Case No.: SAUGET SAS No.: _____ SDG No.: 577271

Matrix: (soil/water) SOIL Lab Sample ID: D577271

Sample wt/vol: 30.4 (g/mL) G Lab File ID: _____

% Moisture: 22 decanted: (Y/N) N Date Received: 02/24/95

Extraction: (SepF/Cont/Sonc) SONC Date Extracted: 02/28/95

Concentrated Extract Volume: 5000 (uL) Date Analyzed: 03/13/95

Injection Volume: 1.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) Y pH: 7.3 Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
319-84-6	alpha-BHC	2.2	U
319-85-7	beta-BHC	2.2	U
319-86-8	delta-BHC	2.2	U
58-89-9	gamma-BHC (Lindane)	2.2	U
76-44-8	Heptachlor	2.2	U
309-00-2	Aldrin	2.2	U
1024-57-3	Heptachlor epoxide	2.2	U
959-98-8	Endosulfan I	2.2	U
60-57-1	Dieldrin	0.85	JP
72-55-9	4,4'-DDE	4.2	U
72-20-8	Endrin	1.8	J
33213-65-9	Endosulfan II	4.2	U
50-29-3	4,4'-DDD	1.1	JP
1031-07-8	Endosulfan sulfate	0.61	JP
50-29-3	4,4'-DDT	4.2	U
72-43-5	Methoxychlor	22	U
53494-70-5	Endrin ketone	4.2	U
7421-36-3	Endrin aldehyde	4.2	U
5103-71-9	alpha-Chlordane	1.6	J
5103-74-2	gamma-Chlordane	0.79	JP
8001-35-2	Toxaphene	220	U
12674-11-2	Aroclor-1016	42	U
11104-28-2	Aroclor-1221	85	U
11141-16-5	Aroclor-1232	42	U
53469-21-9	Aroclor-1242	42	U
12672-29-6	Aroclor-1248	42	U
11097-69-1	Aroclor-1254	19	J
11096-82-5	Aroclor-1260	26	J

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

X102

Lab Name: ILLINOIS EPA Contract: 1631210001

Lab Code: SPFLD Case No.: SAUGET SAS No.: _____ SDG No.: 577271

Matrix: (soil/water) SOIL Lab Sample ID: D577272

Sample wt/vol: 5.0 (g/mL) G Lab File ID: C0228BK05

Level: (low/med) LOW Date Received: 02/24/95

% Moisture: not dec. 21 Date Analyzed: 02/28/95

GC Column: DB-624 ID: 0.530 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
74-87-3	Chloromethane	13	U
74-83-9	Bromomethane	13	U
75-01-4	Vinyl Chloride	13	UJ
75-00-3	Chloroethane	13	U
75-09-2	Methylene Chloride	13 ~~10~~	~~BJ~~U
67-64-1	Acetone	5	J
75-15-0	Carbon Disulfide	13	U
75-35-4	1,1-Dichloroethene	13	U
75-34-3	1,1-Dichloroethane	13	U
540-59-0	1,2-Dichloroethene (total)	13	U
67-66-3	Chloroform	13 ~~2~~	~~BJ~~U
107-06-2	1,2-Dichloroethane	13	U
78-93-3	2-Butanone	13	U
71-55-6	1,1,1-Trichloroethane	13	U
56-23-5	Carbon Tetrachloride	13	U
75-27-4	Bromodichloromethane	13	U
78-87-5	1,2-Dichloropropane	13	U
10061-01-5	cis-1,3-Dichloropropene	13	U
79-01-6	Trichloroethene	13	U
124-48-1	Dibromochloromethane	13	U
79-00-5	1,1,2-Trichloroethane	13	U
71-43-2	Benzene	13	U
10061-02-6	trans-1,3-Dichloropropene	13	U
75-25-2	Bromoform	13	UJ
108-10-1	4-Methyl-2-Pentanone	13	U
591-78-6	2-Hexanone	13	U
127-18-4	Tetrachloroethene	5	J
79-34-5	1,1,2,2-Tetrachloroethane	13	U
108-88-3	Toluene	13	U
108-90-7	Chlorobenzene	13	U
100-41-4	Ethylbenzene	13	U
100-42-5	Styrene	13	U
1330-20-7	Xylene (total)	13	U

1E
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

X102

Lab Name: ILLINOIS EPA Contract: 1631210001

Lab Code: SPFLD Case No.: SAUGET SAS No.: _____ SDG No.: 577271

Matrix: (soil/water) SOIL Lab Sample ID: D577272

Sample wt/vol: 5.0 (g/mL) G Lab File ID: C0228BK05

Level: (low/med) LOW Date Received: 02/24/95

% Moisture: not dec. 21 Date Analyzed: 02/28/95

GC Column: DB-624 ID: 0.530 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____(uL)

Number TICs found: 0

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

X102

Lab Name: ILLINOIS EPA Contract: 1631210001

Lab Code: SPFLD Case No.: SAUGET SAS No.: _____ SDG No.: 577271

Matrix: (soil/water) SOIL Lab Sample ID: D577272

Sample wt/vol: 30.2 (g/mL) G Lab File ID: C0307E05

Level: (low/med) LOW Date Received: 02/24/95

% Moisture: 21 decanted: (Y/N) N Date Extracted: 02/27/95

Concentrated Extract Volume: 500.0 (uL) Date Analyzed: 03/08/95

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) Y pH: 7.8

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
108-95-2	Phenol	410	U
111-44-4	bis(2-Chloroethyl)Ether	410	U
95-57-8	2-Chlorophenol	410	U
541-73-1	1,3-Dichlorobenzene	410	U
106-46-7	1,4-Dichlorobenzene	410	U
95-50-1	1,2-Dichlorobenzene	410	U
95-48-7	2-Methylphenol	410	U
108-60-1	2,2'-oxybis(1-Chloropropane)	410	UJ
106-44-5	4-Methylphenol	410	U
621-64-7	N-Nitroso-Di-n-Propylamine	410	U
67-72-1	Hexachloroethane	410	U
98-95-3	Nitrobenzene	410	U
78-59-1	Isophorone	410	U
88-75-5	2-Nitrophenol	410	U
105-67-9	2,4-Dimethylphenol	410	U
111-91-1	bis(2-Chloroethoxy)Methane	410	U
120-83-2	2,4-Dichlorophenol	410	U
120-82-1	1,2,4-Trichlorobenzene	410	U
91-20-3	Naphthalene	410	U
106-47-8	4-Chloroaniline	410	UJ
87-68-3	Hexachlorobutadiene	410	U
59-50-7	4-Chloro-3-Methylphenol	410	U
91-57-6	2-Methylnaphthalene	410	U
77-47-4	Hexachlorocyclopentadiene	410	U
88-06-2	2,4,6-Trichlorophenol	410	U
95-95-4	2,4,5-Trichlorophenol	1000	U
91-58-7	2-Chloronaphthalene	410	U
88-74-4	2-Nitroaniline	1000	UJ
131-11-3	Dimethylphthalate	410	U
208-96-8	Acenaphthylene	410	U
606-20-2	2,6-Dinitrotoluene	410	U
99-09-2	3-Nitroaniline	1000	UJ
83-32-9	Acenaphthene	410	U

1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

X102

Lab Name: ILLINOIS EPA Contract: 1631210001

Lab Code: SPFLD Case No.: SAUGET SAS No.: _____ SDG No.: 577271

Matrix: (soil/water) SOIL Lab Sample ID: D577272

Sample wt/vol: 30.2 (g/mL) G Lab File ID: C0307E05

Level: (low/med) LOW Date Received: 02/24/95

% Moisture: 21 decanted: (Y/N) N Date Extracted: 02/27/95

Concentrated Extract Volume: 500.0 (uL) Date Analyzed: 03/08/95

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) Y pH: 7.8

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
51-28-5	2,4-Dinitrophenol	1000	U
100-02-7	4-Nitrophenol	1000	UJ
132-64-9	Dibenzofuran	410	U
121-14-2	2,4-Dinitrotoluene	410	U
84-66-2	Diethylphthalate	100	J
7005-72-3	4-Chlorophenyl-phenylether	410	U
86-73-7	Fluorene	410	U
100-10-6	4-Nitroaniline	1000	UJ
534-52-1	4,6-Dinitro-2-methylphenol	1000	U
86-30-6	N-Nitrosodiphenylamine (1)	410	U
101-55-3	4-Bromophenyl-phenylether	410	U
118-74-1	Hexachlorobenzene	410	U
87-86-5	Pentachlorophenol	1000	U
85-01-8	Phenanthrene	410	U
120-12-7	Anthracene	410	U
86-74-8	Carbazole	410	U
84-74-2	Di-n-Butylphthalate	480	RU
206-44-0	Fluoranthene	410	U
129-00-0	Pyrene	410	U
85-68-7	Butylbenzylphthalate	410	U
91-94-1	3,3'-Dichlorobenzidine	410	U
56-55-3	Benzo(a)Anthracene	410	U
218-01-9	Chrysene	410	U
117-81-7	bis(2-Ethylhexyl)Phthalate	410	U
117-84-0	Di-n-Octyl Phthalate	410	U
205-99-2	Benzo(b)Fluoranthene	410	U
207-08-9	Benzo(k)Fluoranthene	410	U
50-32-8	Benzo(a)Pyrene	410	U
193-39-5	Indeno(1,2,3-cd)Pyrene	410	U
53-70-3	Dibenz(a,h)Anthracene	410	U
191-24-2	Benzo(g,h,i)Perylene	410	U

(1) - Cannot be separated from Diphenylamine

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

X102

Lab Name: ILLINOIS EPA Contract: 1631210001

Lab Code: SPFLD Case No.: SAUGET SAS No.: _____ SDG No.: 577271

Matrix: (soil/water) SOIL Lab Sample ID: D577272

Sample wt/vol: 30.2 (g/mL) G Lab File ID: C0307E05

Level: (low/med) LOW Date Received: 02/24/95

% Moisture: 21 decanted: (Y/N) N Date Extracted: 02/27/95

Concentrated Extract Volume: 500.0 (uL) Date Analyzed: 03/08/95

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) Y pH: 7.8

Number TICs found: 30

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	UNKNOWN	7.72	1900	BJ
2.	UNKNOWN ALIP. HYDROCARBON	8.18	570	BJ
3. ~~123-42-2~~	~~2PENTANONE, 4HYDROXY-4METHYL~~	~~8.50~~	~~24000~~	~~JNBA~~ U
4.	UNKNOWN ALIP. HYDROCARBON	8.67	220	J
5.	UNKNOWN	8.74	290	BJ
6.	UNKNOWN	9.97	760	BJ
7.	UNKNOWN ALIP. KETONE	10.59	210	BAJ
8.	UNKNOWN	10.97	330	J
9.	UNKNOWN	11.47	690	J
10.	UNKNOWN	12.62	830	J
11.	UNKNOWN ALIP. ACID	24.97	290	J
12.	UNKNOWN PCB	26.57	130	J
13.	UNKNOWN PCB	26.67	170	J
14.	UNKNOWN PCB	27.04	240	J
15.	UNKNOWN PCB	27.92	270	J
16.	UNKNOWN PCB	28.44	530	J
17.	UNKNOWN PCB	28.86	280	J
18.	UNKNOWN PCB	29.01	500	J
19.	UNKNOWN	29.21	220	J
20.	UNKNOWN PCB	29.46	800	J
21.	UNKNOWN	30.04	270	J
22.	UNKNOWN PCB	30.27	160	J
23.	UNKNOWN PCB	30.51	500	J
24.	UNKNOWN PCB	30.84	1800	J
25.	UNKNOWN PCB	31.59	1800	J
26.	UNKNOWN PCB	31.77	140	J
27.	UNKNOWN PCB	31.94	400	J
28.	UNKNOWN PCB	32.82	190	J
29.	UNKNOWN PCB	33.34	1100	J
30.	UNKNOWN	34.66	280	J

1D
PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

X102

Lab Name: ILLINOIS EPA Contract: 1631210001

Lab Code: SPFLD Case No.: SAUGET SAS No.: _____ SDG No.: 577271

Matrix: (soil/water) SOIL Lab Sample ID: D577272

Sample wt/vol: 30.1 (g/mL) G Lab File ID: _____

% Moisture: 21 decanted: (Y/N) N Date Received: 02/24/95

Extraction: (SepF/Cont/Sonc) SONC Date Extracted: 02/28/95

Concentrated Extract Volume: 5000 (uL) Date Analyzed: 03/13/95

Injection Volume: 1.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) Y pH: 7.8 Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
319-84-6	alpha-BHC	2.1	U
319-85-7	beta-BHC	0.31	JP
319-86-8	delta-BHC	2.1	U
58-89-9	gamma-BHC (Lindane)	2.1	U
76-44-8	Heptachlor	2.1	U
309-00-2	Aldrin	2.1	U
1024-57-3	Heptachlor epoxide	2.1	U
959-98-8	Endosulfan I	2.1	U
60-57-1	Dieldrin	7.1	P
72-55-9	4,4'-DDE	4.2	U
72-20-8	Endrin	88	
33213-65-9	Endosulfan II	28	
50-29-3	4,4'-DDD	4.2	U
1031-07-8	Endosulfan sulfate	1.6	JP
50-29-3	4,4'-DDT	0.97	JP
72-43-5	Methoxychlor	21	U
53494-70-5	Endrin ketone	4.2	U
7421-36-3	Endrin aldehyde	4.2	U
5103-71-9	alpha-Chlordane	2.1	U
5103-74-2	gamma-Chlordane	4.0	P
8001-35-2	Toxaphene	210	U
12674-11-2	Aroclor-1016	42	U
11104-28-2	Aroclor-1221	85	U
11141-16-5	Aroclor-1232	42	U
53469-21-9	Aroclor-1242	42	U
12672-29-6	Aroclor-1248	42	U
11097-69-1	Aroclor-1254	760	
11096-82-5	Aroclor-1260	2300	

1D
PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

X102DL

Lab Name: ILLINOIS EPA Contract: 1631210001

Lab Code: SPFLD Case No.: SAUGET SAS No.: _____ SDG No.: 577271

Matrix: (soil/water) SOIL Lab Sample ID: D577272D

Sample wt/vol: 30.1 (g/mL) G Lab File ID: _____

% Moisture: 21 decanted: (Y/N) N Date Received: 02/24/95

Extraction: (SepF/Cont/Sonc) SONC Date Extracted: 02/28/95

Concentrated Extract Volume: 5000 (uL) Date Analyzed: 03/13/95

Injection Volume: 1.00 (uL) Dilution Factor: 10.0

GPC Cleanup: (Y/N) Y pH: 7.8 Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
319-84-6	alpha-BHC	21	U
319-85-7	beta-BHC	21	U
319-86-8	delta-BHC	21	U
58-89-9	gamma-BHC (Lindane)	21	U
76-44-8	Heptachlor	21	U
309-00-2	Aldrin	21	U
1024-57-3	Heptachlor epoxide	21	U
959-98-8	Endosulfan I	21	U
60-57-1	Dieldrin	7.0	JPD
72-55-9	4,4'-DDE	42	U
72-20-8	Endrin	110	D
33213-65-9	Endosulfan II	42	U
50-29-3	4,4'-DDD	42	U
1031-07-8	Endosulfan sulfate	42	U
50-29-3	4,4'-DDT	42	U
72-43-5	Methoxychlor	210	U
53494-70-5	Endrin ketone	42	U
7421-36-3	Endrin aldehyde	42	U
5103-71-9	alpha-Chlordane	21	U
5103-74-2	gamma-Chlordane	3.9	JPD
8001-35-2	Toxaphene	2100	U
12674-11-2	Aroclor-1016	420	U
11104-28-2	Aroclor-1221	850	U
11141-16-5	Aroclor-1232	420	U
53469-21-9	Aroclor-1242	420	U
12672-29-6	Aroclor-1248	420	U
11097-69-1	Aroclor-1254	970	D
11096-82-5	Aroclor-1260	2700	D

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

X103

Lab Name: ILLINOIS EPA Contract: 1631210001

Lab Code: SPFLD Case No.: SAUGET SAS No.: _____ SDG No.: 577271

Matrix: (soil/water) SOIL Lab Sample ID: D577273

Sample wt/vol: 5.0 (g/mL) G Lab File ID: C0228BK06

Level: (low/med) LOW Date Received: 02/24/95

% Moisture: not dec. 25 Date Analyzed: 02/28/95

GC Column: DB-624 ID: 0.530 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
74-87-3	Chloromethane	13	U
74-83-9	Bromomethane	13	U
75-01-4	Vinyl Chloride	13	UJ
75-00-3	Chloroethane	13	U
75-09-2	Methylene Chloride	13 ~~11~~	~~BJ~~U
67-64-1	Acetone	13	U
75-15-0	Carbon Disulfide	13	U
75-35-4	1,1-Dichloroethene	13	U
75-34-3	1,1-Dichloroethane	13	U
540-59-0	1,2-Dichloroethene (total)	13	U
67-66-3	Chloroform	13 ~~8~~	~~BJ~~U
107-06-2	1,2-Dichloroethane	13	U
78-93-3	2-Butanone	13	U
71-55-6	1,1,1-Trichloroethane	13	U
56-23-5	Carbon Tetrachloride	13	U
75-27-4	Bromodichloromethane	13	U
78-87-5	1,2-Dichloropropane	13	U
10061-01-5	cis-1,3-Dichloropropene	13	U
79-01-6	Trichloroethene	13	U
124-48-1	Dibromochloromethane	13	U
79-00-5	1,1,2-Trichloroethane	13	U
71-43-2	Benzene	13	U
10061-02-6	trans-1,3-Dichloropropene	13	U
75-25-2	Bromoform	13	UJ
108-10-1	4-Methyl-2-Pentanone	13	U
591-78-6	2-Hexanone	13	U
127-18-4	Tetrachloroethene	5	J
79-34-5	1,1,2,2-Tetrachloroethane	13	U
108-88-3	Toluene	13	U
108-90-7	Chlorobenzene	13	U
100-41-4	Ethylbenzene	13	U
100-42-5	Styrene	13	U
1330-20-7	Xylene (total)	13	U

1E
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

X103

Lab Name: ILLINOIS EPA Contract: 1631210001

Lab Code: SPFLD Case No.: SAUGET SAS No.: _____ SDG No.: 577271

Matrix: (soil/water) SOIL Lab Sample ID: D577273

Sample wt/vol: 5.0 (g/mL) G Lab File ID: C0228BK06

Level: (low/med) LOW Date Received: 02/24/95

% Moisture: not dec. 25 Date Analyzed: 02/28/95

GC Column: DB-624 ID: 0.530 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____(uL)

Number TICs found: 0

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

X103

Lab Name: ILLINOIS EPA Contract: 1631210001

Lab Code: SPFLD Case No.: SAUGET SAS No.: _____ SDG No.: 577271

Matrix: (soil/water) SOIL Lab Sample ID: D577273

Sample wt/vol: 30.2 (g/mL) G Lab File ID: C0307E07

Level: (low/med) LOW Date Received: 02/24/95

% Moisture: 25 decanted: (Y/N) N Date Extracted: 02/27/95

Concentrated Extract Volume: 500.0 (uL) Date Analyzed: 03/08/95

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) Y pH: 7.5

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
108-95-2	Phenol	440	U
111-44-4	bis(2-Chloroethyl)Ether	440	U
95-57-8	2-Chlorophenol	440	U
541-73-1	1,3-Dichlorobenzene	440	U
106-46-7	1,4-Dichlorobenzene	440	U
95-50-1	1,2-Dichlorobenzene	440	U
95-48-7	2-Methylphenol	440	U
108-60-1	2,2'-oxybis(1-Chloropropane)	440	UJ
106-44-5	4-Methylphenol	440	U
621-64-7	N-Nitroso-Di-n-Propylamine	440	U
67-72-1	Hexachloroethane	440	U
98-95-3	Nitrobenzene	440	U
78-59-1	Isophorone	440	U
88-75-5	2-Nitrophenol	440	U
105-67-9	2,4-Dimethylphenol	440	U
111-91-1	bis(2-Chloroethoxy)Methane	440	U
120-83-2	2,4-Dichlorophenol	440	U
120-82-1	1,2,4-Trichlorobenzene	440	U
91-20-3	Naphthalene	440	U
106-47-8	4-Chloroaniline	440	UJ
87-68-3	Hexachlorobutadiene	440	U
59-50-7	4-Chloro-3-Methylphenol	440	U
91-57-6	2-Methylnaphthalene	440	U
77-47-4	Hexachlorocyclopentadiene	440	U
88-06-2	2,4,6-Trichlorophenol	440	U
95-95-4	2,4,5-Trichlorophenol	1100	U
91-58-7	2-Chloronaphthalene	440	U
88-74-4	2-Nitroaniline	1100	UJ
131-11-3	Dimethylphthalate	440	U
208-96-8	Acenaphthylene	440	U
606-20-2	2,6-Dinitrotoluene	440	U
99-09-2	3-Nitroaniline	1100	UJ
83-32-9	Acenaphthene	440	U

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

X103

Lab Name: ILLINOIS EPA Contract: 1631210001

Lab Code: SPFLD Case No.: SAUGET SAS No.: _____ SDG No.: 577271

Matrix: (soil/water) SOIL Lab Sample ID: D577273

Sample wt/vol: 30.2 (g/mL) G Lab File ID: C0307E07

Level: (low/med) LOW Date Received: 02/24/95

% Moisture: 25 decanted: (Y/N) N Date Extracted: 02/27/95

Concentrated Extract Volume: 500.0 (uL) Date Analyzed: 03/08/95

Injection Volume: 2.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) Y pH: 7.5

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
51-28-5	2,4-Dinitrophenol	1100	U
100-02-7	4-Nitrophenol	1100	UJ
132-64-9	Dibenzofuran	440	U
121-14-2	2,4-Dinitrotoluene	440	U
84-66-2	Diethylphthalate	120	J
7005-72-3	4-Chlorophenyl-phenylether	440	U
86-73-7	Fluorene	440	U
100-10-6	4-Nitroaniline	1100	UJ
534-52-1	4,6-Dinitro-2-methylphenol	1100	U
86-30-6	N-Nitrosodiphenylamine (1)	440	U
101-55-3	4-Bromophenyl-phenylether	440	U
118-74-1	Hexachlorobenzene	440	U
87-86-5	Pentachlorophenol	1100	U
85-01-8	Phenanthrene	440	U
120-12-7	Anthracene	440	U
86-74-8	Carbazole	440	U
84-74-2	Di-n-Butylphthalate	470	BU
206-44-0	Fluoranthene	440	U
129-00-0	Pyrene	440	U
85-68-7	Butylbenzylphthalate	440	U
91-94-1	3,3'-Dichlorobenzidine	440	U
56-55-3	Benzo(a)Anthracene	440	U
218-01-9	Chrysene	440	U
117-81-7	bis(2-Ethylhexyl)Phthalate	440	U
117-84-0	Di-n-Octyl Phthalate	440	U
205-99-2	Benzo(b)Fluoranthene	440	U
207-08-9	Benzo(k)Fluoranthene	440	U
50-32-8	Benzo(a)Pyrene	440	U
193-39-5	Indeno(1,2,3-cd)Pyrene	440	U
53-70-3	Dibenz(a,h)Anthracene	440	U
191-24-2	Benzo(g,h,i)Perylene	440	U

(1) - Cannot be separated from Diphenylamine

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

X103

Lab Name: ILLINOIS EPA Contract: 1631210001

Lab Code: SPFLD Case No.: SAUGET SAS No.: _____ SDG No.: 577271

Matrix: (soil/water) SOIL Lab Sample ID: D577273

Sample wt/vol: 30.2 (g/mL) G Lab File ID: C0307E07

Level: (low/med) LOW Date Received: 02/24/95

% Moisture: 25 decanted: (Y/N) N Date Extracted: 02/27/95

Concentrated Extract Volume: 500.0 (uL) Date Analyzed: 03/08/95

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) Y pH: 7.5

Number TICs found: 17

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	UNKNOWN ALIP. KETONE	7.28	600	AJ
2.	UNKNOWN ALIP. HYDROCARBON	7.40	140	BJ
3.	UNKNOWN	7.73	2400	BJ
4.	UNKNOWN ALIP. HYDROCARBON	8.20	620	BJ
5. ~~123-42-2~~	~~2PENTANONE, 4HYDROXY-4METHYL~~	~~8.49~~	~~25000~~	~~JNBA~~ U
6.	UNKNOWN	8.74	250	BJ
7.	UNKNOWN ALIP. HYDROCARBON	9.44	160	J
8.	UNKNOWN	9.82	130	J
9.	UNKNOWN	9.97	750	BJ
10.	UNKNOWN	10.97	340	J
11.	UNKNOWN	11.47	860	J
12.	UNKNOWN	12.62	760	J
13.	UNKNOWN ALIP. ACID	24.97	430	J
14.	UNKNOWN	28.29	160	J
15.	UNKNOWN	30.06	660	J
16.	UNKNOWN ALIP. HYDROCARBON	32.04	410	J
17.	UNKNOWN ALIP. HYDROCARBON	34.71	1000	J

1D
PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

X103

Lab Name: ILLINOIS EPA Contract: 1631210001

Lab Code: SPFLD Case No.: SAUGET SAS No.: _____ SDG No.: 577271

Matrix: (soil/water) SOIL Lab Sample ID: D577273

Sample wt/vol: 30.4 (g/mL) G Lab File ID: _____

% Moisture: 25 decanted: (Y/N) N Date Received: 02/24/95

Extraction: (SepF/Cont/Sonc) SONC Date Extracted: 02/28/95

Concentrated Extract Volume: 5000 (uL) Date Analyzed: 03/13/95

Injection Volume: 1.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) Y pH: 7.5 Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
319-84-6	alpha-BHC	2.2	U
319-85-7	beta-BHC	2.2	U
319-86-8	delta-BHC	2.2	U
58-89-9	gamma-BHC (Lindane)	2.2	U
76-44-8	Heptachlor	2.2	U
309-00-2	Aldrin	2.2	U
1024-57-3	Heptachlor epoxide	2.2	U
959-98-8	Endosulfan I	2.2	U
60-57-1	Dieldrin	2.0	JP
72-55-9	4,4'-DDE	4.3	U
72-20-8	Endrin	31	
33213-65-9	Endosulfan II	10	
50-29-3	4,4'-DDD	4.3	U
1031-07-8	Endosulfan sulfate	0.27	JP
50-29-3	4,4'-DDT	0.15	JP
72-43-5	Methoxychlor	22	U
53494-70-5	Endrin ketone	4.3	U
7421-36-3	Endrin aldehyde	4.3	U
5103-71-9	alpha-Chlordane	2.2	U
5103-74-2	gamma-Chlordane	1.3	JP
8001-35-2	Toxaphene	220	U
12674-11-2	Aroclor-1016	43	U
11104-28-2	Aroclor-1221	88	U
11141-16-5	Aroclor-1232	43	U
53469-21-9	Aroclor-1242	43	U
12672-29-6	Aroclor-1248	43	U
11097-69-1	Aroclor-1254	270	
11096-82-5	Aroclor-1260	CS 850 ~~860~~	

1D
PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

X103DL

Lab Name: ILLINOIS EPA Contract: 1631210001

Lab Code: SPFLD Case No.: SAUGET SAS No.: _____ SDG No.: 577271

Matrix: (soil/water) SOIL Lab Sample ID: D577273D

Sample wt/vol: 30.4 (g/mL) G Lab File ID: _____

% Moisture: 25 decanted: (Y/N) N Date Received: 02/24/95

Extraction: (SepF/Cont/Sonc) SONC Date Extracted: 02/28/95

Concentrated Extract Volume: 5000 (uL) Date Analyzed: 03/13/95

Injection Volume: 1.00 (uL) Dilution Factor: 10.0

GPC Cleanup: (Y/N) Y pH: 7.5 Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
319-84-6	alpha-BHC	22	U
319-85-7	beta-BHC	22	U
319-86-8	delta-BHC	22	U
58-89-9	gamma-BHC (Lindane)	22	U
76-44-8	Heptachlor	22	U
309-00-2	Aldrin	22	U
1024-57-3	Heptachlor epoxide	22	U
959-98-8	Endosulfan I	22	U
60-57-1	Dieldrin	2.3	JPD
72-55-9	4,4'-DDE	43	U
72-20-8	Endrin	40	DJ
33213-65-9	Endosulfan II	14	DJ
50-29-3	4,4'-DDD	43	U
1031-07-8	Endosulfan sulfate	43	U
50-29-3	4,4'-DDT	43	U
72-43-5	Methoxychlor	220	U
53494-70-5	Endrin ketone	43	U
7421-36-3	Endrin aldehyde	43	U
5103-71-9	alpha-Chlordane	22	U
5103-74-2	gamma-Chlordane	1.3	JPD
8001-35-2	Toxaphene	2200	U
12674-11-2	Aroclor-1016	430	U
11104-28-2	Aroclor-1221	880	U
11141-16-5	Aroclor-1232	430	U
53469-21-9	Aroclor-1242	430	U
12672-29-6	Aroclor-1248	430	U
11097-69-1	Aroclor-1254	310	DJ
11096-82-5	Aroclor-1260	990	D

U.S. EPA - CLP
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INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

X101

Lab Name: ILLINOIS EPA CHAMPAIGN LAB Contract: SAUGET AREA II
Lab Code: Case No.: SAS No.: SDG No.: 121
Matrix (Soil): Lab Sample ID: B502327
Level (Low/Med): Date Received: 2/24/95
% Solids: 69.5

Concentration Units (mg/kg dry weight):

CAS No.	Analyte	Concentration	C	Q	M	
7429-90-5	Aluminum	9750			P	
7440-36-0	Antimony	7.7	U	N	P	J
7440-38-2	Arsenic	6.0			FM	
7440-39-3	Barium	303			P	
7440-41-7	Beryllium	0.64	B		P	
7440-43-9	Cadmium	2.0			P	
7440-70-2	Calcium	11000			P	
7440-47-3	Chromium	15.0			P	
7440-48-4	Cobalt	6.8	B		P	
7440-50-8	Copper	42.1			P	
7439-89-6	Iron	18500			P	
7439-92-1	Lead	15.8		N	FM	J
7439-95-4	Magnesium	4480			P	
7439-96-5	Manganese	424			P	
7439-97-6	Mercury	0.03	B		AV	
7440-02-2	Nickel	12.9			P	
7440-09-7	Potassium	1240			P	
7782-49-2	Selenium	1.4	U	W	FM	J
7440-22-4	Silver	1.2	U		P	
7440-23-5	Sodium	161	B		P	
7440-28-0	Thallium	0.29	U		FM	
7440-62-2	Vanadium	29.0			P	
7440-66-6	Zinc	466			P	
	Cyanide	0.72	U		CA	
					AS	

Color Before: Brown Clarity Before: Opaque Texture: Medium
Color After: Colorless Clarity After: Clear Artifacts:
Comments:

FORM I - IN
SOIL

ILM03.0
03/95

B000002

U.S. EPA - CLP

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INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

X102

Lab Name: ILLINOIS EPA CHAMPAIGN LAB Contract: SAUGET AREA II

Lab Code: Case No.: SAS No.: SDG No.: 121

Matrix (Soil): Lab Sample ID: B502328

Level (Low/Med): Date Received: 2/24/95

% Solids: 75.4

Concentration Units (mg/kg dry weight):

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	4820			P
7440-36-0	Antimony	5.8	U	N	P J
7440-38-2	Arsenic	3.5			FM
7440-39-3	Barium	120			P
7440-41-7	Beryllium	0.39	B		P
7440-43-9	Cadmium	0.65	B		P
7440-70-2	Calcium	11300			P
7440-47-3	Chromium	8.2			P
7440-48-4	Cobalt	4.4	B		P
7440-50-8	Copper	6.5			P
7439-89-6	Iron	9740			P
7439-92-1	Lead	8.8		N	FM J
7439-95-4	Magnesium	3970			P
7439-96-5	Manganese	273			P
7439-97-6	Mercury	0.03	U		AV
7440-02-2	Nickel	9.9			P
7440-09-7	Potassium	724	B		P
7782-49-2	Selenium	1.3	U		FM
7440-22-4	Silver	0.92	U		P
7440-23-5	Sodium	144	B		P
7440-28-0	Thallium	0.26	U		FM
7440-62-2	Vanadium	15.2			P
7440-66-6	Zinc	182			P
	Cyanide	0.66	U		CA
					AS

Color Before: Brown Clarity Before: Opaque Texture: Medium

Color After: Colorless Clarity After: Clear Artifacts:

Comments:

FORM I - IN

SOIL

ILM03.0

03/95

U.S. EPA - CLP

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INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

X103

Lab Name: ILLINOIS EPA CHAMPAIGN LAB Contract: SAUGET AREA II

Lab Code: Case No.: SAS No.: SDG No.: 121

Matrix (Soil): Lab Sample ID: B502329

Level (Low/Med): Date Received: 2/24/95

% Solids: 72.9

Concentration Units (mg/kg dry weight):

CAS No.	Analyte	Concentration	C	Q	M	
7429-90-5	Aluminum	4440			P	
7440-36-0	Antimony	8.8	U	N	P	J
7440-38-2	Arsenic	3.8			FM	
7440-39-3	Barium	131			P	
7440-41-7	Beryllium	0.41	B		P	
7440-43-9	Cadmium	0.82	U		P	
7440-70-2	Calcium	13400			P	
7440-47-3	Chromium	8.6			P	
7440-48-4	Cobalt	4.0	B		P	
7440-50-8	Copper	5.0	B		P	
7439-89-6	Iron	9540			P	
7439-92-1	Lead	7.9		N	FM	J
7439-95-4	Magnesium	4200			P	
7439-96-5	Manganese	293			P	
7439-97-6	Mercury	0.03	U		AV	
7440-02-2	Nickel	12.8			P	
7440-09-7	Potassium	722	B		P	
7782-49-2	Selenium	1.4	U		FM	
7440-22-4	Silver	1.4	U		P	
7440-23-5	Sodium	139	B		P	
7440-28-0	Thallium	0.27	U		FM	
7440-62-2	Vanadium	15.2			P	
7440-66-6	Zinc	180			P	
	Cyanide	0.68	U		CA	
					AS	

Color Before: Brown Clarity Before: Opaque Texture: Medium

Color After: Colorless Clarity After: Clear Artifacts:

Comments:

FORM I - IN

SOIL

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