

91994 0007A

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

ITW-1B

Lab Name: IT PITTSBURGH Contract: _____

Lab Code: ITPA Case No.: Q3486 SAS No.: _____ SDG No.: 005

Matrix: (soil/water) SOIL Lab Sample ID: ITW-1B

Sample wt/vol: 5.2 (g/mL) G Lab File ID: 2010000N

Level: (low/med) LOW Date Received: 02 17 90

% Moisture: not dec. 26 Date Analyzed: 02 22 90

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	
74-87-3	Chloromethane	13	U
74-83-9	Bromomethane	13	U
75-01-4	Vinyl Chloride	13	U
75-00-3	Chloroethane	13	U
75-09-2	Methylene Chloride	6	BJ
67-64-1	Acetone	13	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	13	S
71-55-6	1,1,1-Trichloroethane	6	U
56-23-5	Carbon Tetrachloride	6	U
108-05-4	Vinyl Acetate	13	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
110-75-8	2-CHLOROETHYLVINYLETHER	26 13	U
75-25-2	Bromoform	6	U
108-10-1	4-Methyl-2-Pentanone	13	U
591-78-6	2-Hexanone	13	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	Total Xylenes	6	U
107-02-8	ACROLEIN	65 13	U

KW
3/8/

107-13-1-----ACRYLONITRILE

65 ~~13~~

0008A

FORM I VOA

1/37 Rev

AR302861

1D
PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

ITW-1B 0021A

Lab Name: IT PITTSBURGH Contract: _____

Code: ITPA Case No.: 03486 SAS No.: _____ SDG No.: 005

Matrix: (soil/water) SOIL Lab Sample ID: Q00209002

Sample wt/vol: 30.0 (g/mL) G Lab File ID: _____

Level: (low/med) LOW Date Received: 02/17/90

% Moisture: not dec. 25 dec. _____ Date Extracted: 02/21/90

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 02/24/90

GPC Cleanup: (Y/N) Y pH: 4.4 Dilution Factor: 1.0

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

CAS NO. COMPOUND 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	43	U
72-55-9	4,4'-DDE	43	U
72-20-8	Endrin	43	U
33213-65-9	Endosulfan II	43	U
72-54-8	4,4'-DDD	43	U
1031-07-8	Endosulfan sulfate	43	U
50-29-3	4,4'-DDT	43	U
72-43-5	Methoxychlor	210	U
53494-70-5	Endrin ketone	43	U
5103-71-9	alpha-Chlordane	210	U
5103-74-2	gamma-Chlordane	210	U
8001-35-2	Toxaphene	430	U
12674-11-2	Aroclor-1016	210	U
11104-28-2	Aroclor-1221	210	U
11141-16-5	Aroclor-1232	210	U
53469-21-9	Aroclor-1242	210	U
12672-29-6	Aroclor-1248	210	U
11097-69-1	Aroclor-1254	430	U
11096-82-5	Aroclor-1260	430	U

U. S. EPA - CLP

1
INORGANIC ANALYSES DATA SHEET

EPA SAMPLE NO.

ITW1B

Lab Name: ITAS_PITTSBURGH Contract: FIRESTONE

Lab Code: ITPA Case No.: 03486 SAS No.: SOG No.:

Matrix (soil/water): SOIL Lab Sample ID: IFW13

Level (low/med): LOW Date Received: 08/17/9

% Solids: 75.2

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

ICAS No.	Analyte	Concentration	U	Q	M
17429-90-5	Aluminum	25400			P
17440-38-2	Arsenic	0.53	U	WN	F
17440-39-3	Barium	54.7			P
17440-41-7	Beryllium	2.0			P
17440-43-9	Cadmium	0.53	U	N	P
17440-70-2	Calcium	194	B		P
17440-47-3	Chromium	9.9			P
17440-48-4	Cobalt	23.4			P
17440-50-8	Copper	43.6			P
17439-89-6	Iron	46200			P
17439-92-1	Lead	9.5		SN	F
17439-95-4	Magnesium	7920			P
17439-96-5	Manganese	418			P
17439-97-6	Mercury	0.13	U		CV
17440-02-0	Nickel	11.1			P
17440-09-7	Potassium	985	B	E	P
17440-22-4	Silver	1.2	B		P
17440-23-5	Sodium	76.6	B		P
17440-28-0	Thallium	0.53	U	W	F
17440-62-2	Vanadium	144		E	P
17440-66-6	Zinc	78.4			P

Color Before: BROWN Clarity Before: Texture: MEDIUM

Color After: BROWN Clarity After: Artifacts:

Comments:

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VOLATILE ORGANICS ANALYSIS DATA SHEET

0013A
EPA SAMPLE NO.

ITW-10

Lab Name: IT PITTSBURGH Contract: _____
 Lab Code: ITPA Case No.: 03486 SAS No.: _____ SDG No.: 005
 Matrix: (soil/water) SOIL Lab Sample ID: ITW-10
 Sample wt/vol: 5.0 (g/mL) G Lab File ID: 20702220
 Level: (low/med) LOW Date Received: 02/17/90
 % Moisture: not dec. 25 Date Analyzed: 02/22/90
 Column: (pack/cap) PACK Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	
74-87-3	Chloromethane	13	U
74-83-9	Bromomethane	13	U
75-01-4	Vinyl Chloride	13	U
75-00-3	Chloroethane	13	U
75-09-2	Methylene Chloride	5	BJ
67-64-1	Acetone	15	
75-15-0	Carbon Disulfide	7	U
75-35-4	1,1-Dichloroethene	7	U
75-34-3	1,1-Dichloroethane	7	U
540-59-0	1,2-Dichloroethene (total)	7	U
67-66-3	Chloroform	7	U
107-06-2	1,2-Dichloroethane	7	U
78-93-3	2-Butanone	35	
71-55-6	1,1,1-Trichloroethane	7	U
56-23-5	Carbon Tetrachloride	7	U
108-05-4	Vinyl Acetate	13	U
75-27-4	Bromodichloromethane	7	U
78-87-5	1,2-Dichloropropane	7	U
10061-01-5	cis-1,3-Dichloropropene	7	U
79-01-6	Trichloroethene	7	U
124-48-1	Dibromochloromethane	7	U
79-00-5	1,1,2-Trichloroethane	7	U
71-43-2	Benzene	7	U
10061-02-6	Trans-1,3-Dichloropropene	7	U
110-75-8	2-CHLOROETHYLVINYLEETHER	26 13	U
75-25-2	Bromoform	7	U
108-10-1	4-Methyl-2-Pentanone	13	U
591-78-6	2-Hexanone	13	U
127-18-4	Tetrachloroethene	7	U
79-34-5	1,1,2,2-Tetrachloroethane	7	U
108-88-3	Toluene	7	U
108-90-7	Chlorobenzene	7	U
100-41-4	Ethylbenzene	7	U
100-42-5	Styrene	7	U
1330-20-7	Total Xylenes	7	U
107-02-8	ACROLEIN	65 13	U

KLD
3/8/90

1D
PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

0024A
ITW-1C

Lab Name: IT PITTSBURGH Contract: _____

Lab Code: ITPA Case No.: 03486 SAS No.: _____ SDG No.: 005

Matrix: (soil/water) SOIL Lab Sample ID: Q00209005

Sample wt/vol: 30.0 (g/mL) G Lab File ID: _____

Level: (low/med) LOW Date Received: 02/17/90

% Moisture: not dec. 26 dec. _____ Date Extracted: 02/21/90

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 02/24/90

GPC Cleanup: (Y/N) Y pH: 4.2 Dilution Factor: 1.0

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) <u>UG/KG</u>	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	43	U
72-55-9	4,4'-DDE	43	U
72-20-8	Endrin	43	U
33213-65-9	Endosulfan II	43	U
72-54-8	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
5103-71-9	alpha-Chlordane	220	U
5103-74-2	gamma-Chlordane	220	U
8001-35-2	Toxaphene	430	U
12674-11-2	Aroclor-1016	220	U
11104-28-2	Aroclor-1221	220	U
11141-16-5	Aroclor-1232	220	U
53469-21-9	Aroclor-1242	220	U
12672-29-6	Aroclor-1248	220	U
11097-69-1	Aroclor-1254	430	U
11096-82-5	Aroclor-1260	430	U

INORGANIC ANALYSES DATA SHEET

EPA SAMPLE NO.

ITW1C

Lab Name: ITAS_PITTSBURGH Contract: FIRESTONE

Lab Code: ITPA Case No.: 08426 BAS No.: EDB No.: 005

Matrix (soil/water): SOIL Lab Sample ID: ITW1C

Level (low/med): LJW Date Received: 02/17/90

% Solids: 74.5

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

ICAS No.	Analyte	Concentration	Q	IM
17429-90-5	Aluminum	28000		P
17440-38-2	Arsenic	0.53	U	N
17440-39-3	Barium	65.1		P
17440-41-7	Beryllium	3.6		P
17440-43-9	Cadmium	0.53	U	N
17440-70-2	Calcium	95.3	B	P
17440-47-3	Chromium	25.0		P
17440-48-4	Cobalt	40.3		P
17440-50-8	Copper	18.0		P
17439-89-6	Iron	63300		P
17439-92-1	Lead	4.4		SN
17439-95-4	Magnesium	11200		P
17439-96-5	Manganese	1490		P
17439-97-6	Mercury	0.11	U	CV
17440-02-0	Nickel	19.9		P
17440-09-7	Potassium	623	B	E
17440-22-4	Silver	1.8	B	P
17440-23-5	Sodium	90.5	B	P
17440-28-0	Thallium	0.53	U	W
17440-62-2	Vanadium	157		E
17440-66-6	Zinc	156		P

Color Before: BROWN Clarity Before: Texture: MEDIUM

Color After: BROWN Clarity After: Artifacts: YES

Comments:
 ARTIFACTS: STONES

0003A

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

ITW2A

Lab Name: IT PITTSBURGH Contract: _____

Lab Code: ITPA Case No.: 03486 SAS No.: _____ SDG No.: 025

Matrix: (soil/water) SOIL Lab Sample ID: ITW2A

Sample wt/vol: 5.1 (g/mL) G Lab File ID: 2010315D

Level: (low/med) LOW Date Received: 03/13/90

% Moisture: not dec. 24 Date Analyzed: 03/15/90

Column: (pack/cap) PACK Dilution Factor: 1.00

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) <u>UG/KG</u>	Q
74-87-3	Chloromethane	13	U
74-83-9	Bromomethane	13	U
75-01-4	Vinyl Chloride	13	U
75-00-3	Chloroethane	13	U
75-09-2	Methylene Chloride	2	BJ
67-64-1	Acetone	13	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	13	U
71-55-6	1,1,1-Trichloroethane	6	U
56-23-5	Carbon Tetrachloride	6	U
108-05-4	Vinyl Acetate	13	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
10061-0	Trans-1,3-Dichloropropene	6	U
110-75	2-CHLOROETHYLVINYLEETHER	26	U
75-25-2	Bromoform	6	U
108-10-1	4-Methyl-2-Pentanone	13	U
591-78-6	2-Hexanone	13	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	Total Xylenes	6	U
107-02-8	ACROLEIN	64	U

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0004A

107-13-1-----ACRYLONITRILE

64

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1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

ITW2A

Lab Name: IT PITTSBURGH Contract: _____

Lab Code: ITPA Case No.: 03486 SAS No.: _____ SDG No.: 025

Matrix: (soil/water) SOIL Lab Sample ID: ITW2A

Sample wt/vol: 30.0 (g/mL) G Lab File ID: 5100328D

Level: (low/med) LOW Date Received: 03/13/90

% Moisture: not dec. 24 dec. _____ Date Extracted: 03/15/90

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 03/28/90

GPC Cleanup: (Y/N) Y pH: _____ Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) <u>UG/KG</u>	<u>Q</u>
108-95-2	Phenol	870	U
111-44-4	bis(2-Chloroethyl) Ether	870	U
95-57-8	2-Chlorophenol	870	U
541-73-1	1,3-Dichlorobenzene	870	U
106-46-7	1,4-Dichlorobenzene	870	U
100-51-6	Benzyl Alcohol	870	U
95-50-1	1,2-Dichlorobenzene	870	U
95-48-7	2-Methylphenol	870	U
108-60-1	bis(2-Chloroisopropyl) Ether	870	U
106-44-5	4-Methylphenol	870	U
621-64-7	N-Nitroso-Di-n-Propylamine	870	U
67-72-1	Hexachloroethane	870	U
98-95-3	Nitrobenzene	870	U
78-59-1	Isophorone	870	U
88-75-5	2-Nitrophenol	870	U
105-67-9	2,4-Dimethylphenol	870	U
65-85-0	Benzoic Acid	380	J
111-91-1	bis(2-Chloroethoxy) Methane	870	U
120-83-2	2,4-Dichlorophenol	870	U
120-82-1	1,2,4-Trichlorobenzene	870	U
91-20-3	Naphthalene	870	U
106-47-8	4-Chloroaniline	870	U
87-68-3	Hexachlorobutadiene	870	U
59-50-7	4-Chloro-3-Methylphenol	870	U
91-57-6	2-Methylnaphthalene	870	U
77-47-4	Hexachlorocyclopentadiene	870	U
88-06-2	2,4,6-Trichlorophenol	870	U
95-95-4	2,4,5-Trichlorophenol	4200	U
91-58-7	2-Chloronaphthalene	870	U
88-74-4	2-Nitroaniline	4200	U
131-11-3	Dimethyl Phthalate	870	U
208-96-8	Acenaphthylene	130	J
606-20-2	2,6-Dinitrotoluene	870	U

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

ITW2A

Lab Name: IT PITTSBURGH Contract: _____

Lab Code: ITPA Case No.: 03486 SAS No.: _____ SDG No.: 025

Matrix: (soil/water) SOIL Lab Sample ID: ITW2A

Sample wt/vol: 30.0 (g/mL) G Lab File ID: 5100328D

Level: (low/med) LOW Date Received: 03/13/90

% Moisture: not dec. 24 dec. _____ Date Extracted: 03/15/90

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 03/28/90

GPC Cleanup: (Y/N) Y pH: _____ Dilution Factor: 1.0

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) <u>UG/KG</u>	<u>Q</u>
99-09-2	3-Nitroaniline	4200	U
83-32-9	Acenaphthene	870	U
51-28-5	2,4-Dinitrophenol	4200	U
100-02-7	4-Nitrophenol	4200	U
132-64-9	Dibenzofuran	870	U
121-14-2	2,4-Dinitrotoluene	870	U
84-66-2	Diethylphthalate	870	U
7005-72-3	4-Chlorophenyl-phenylether	870	U
86-73-7	Fluorene	870	U
100-01-6	4-Nitroaniline	4200	U
534-52-1	4,6-Dinitro-2-Methylphenol	4200	U
86-30-6	N-Nitrosodiphenylamine (1)	870	U
101-55-3	4-Bromophenyl-phenylether	870	U
118-74-1	Hexachlorobenzene	870	U
87-86-5	Pentachlorophenol	4200	U
85-01-8	Phenanthrene	450	J
120-12-7	Anthracene	180	J
84-74-2	Di-n-Butylphthalate	870	U
206-44-0	Fluoranthene	1300	
129-00-0	Pyrene	950	B
85-68-7	Butylbenzylphthalate	870	U
91-94-1	3,3'-Dichlorobenzidine	1700	U
56-55-3	Benzo(a)Anthracene	590	J
218-01-9	Chrysene	970	
117-81-7	bis(2-Ethylhexyl) Phthalate	320	J
117-84-0	Di-n-Octyl Phthalate	100	J
205-99-2	Benzo(b)Fluoranthene	1200	
207-08-9	Benzo(k)Fluoranthene	970	
50-32-8	Benzo(a)Pyrene	680	J
193-39-5	Indeno(1,2,3-cd)Pyrene	670	J
53-70-3	Dibenz(a,h)Anthracene	280	J
191-24-2	Benzo(g,h,i)Perylene	780	J

(1) - Cannot be separated from Diphenylamine

1D
PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

ITW2A

0023A

Lab Name: IT PITTSBURGH Contract: _____

I Code: ITPA Case No.: 03486 SAS No.: _____ SDG No.: 025

Matrix: (soil/water) SOIL Lab Sample ID: Q00305201

Sample wt/vol: 30.0 (g/mL) G Lab File ID: _____

Level: (low/med) LOW Date Received: 03/13/90

% Moisture: not dec. 25 dec. _____ Date Extracted: 03/23/90

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 03/31/90

GPC Cleanup: (Y/N) Y pH: 7.4 Dilution Factor: 1.00

CAS NO.	COMPOUND	CONCENTRATION UNITS:	
		(ug/L or ug/Kg)	UG/KG
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	43	U
72-55-9	4,4'-DDE	43	U
72-20-8	Endrin	43	U
33213-65-9	Endosulfan II	43	U
72-54-8	4,4'-DDD	43	U
1031-07-8	Endosulfan sulfate	43	U
50-29-3	4,4'-DDT	43	U
72-43-5	Methoxychlor	210	U
53494-70-5	Endrin ketone	43	U
5103-71-9	alpha-Chlordane	210	U
5103-74-2	gamma-Chlordane	210	U
8001-35-2	Toxaphene	430	U
12674-11-2	Aroclor-1016	210	U
11104-28-2	Aroclor-1221	210	U
11141-16-5	Aroclor-1232	210	U
53469-21-9	Aroclor-1242	210	U
12672-29-6	Aroclor-1248	210	U
11097-69-1	Aroclor-1254	430	U
11096-82-5	Aroclor-1260	430	U

I
INORGANIC ANALYSES DATA SHEET

EPA SAMPLE NO.

ITW2A

Name: ITAS_PITTSBURGH Cont: FIRESTONE
Lab Code: EPA Case No.: 05486 CAS No.: QOC No.: 1179
Matrix (soil/water): GOTH Lab Sample ID: ITW2A
Level (low/med): LOW Date Received: 11/13/90
% Solids: 75.0

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

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	10900			P
7440-38-2	Arsenic	8.8			F
7440-39-3	Barium	203			P
7440-41-7	Beryllium	0.29	B		P
7440-43-9	Cadmium	0.53	U		P
7440-70-2	Calcium	15700		*	P
7440-47-3	Chromium	33.6		*	P
7440-48-4	Cobalt	8.2	B		P
7440-50-8	Copper	69.0		N*	P
7439-89-6	Iron	15900			P
7439-92-1	Lead	271			F
7439-95-4	Magnesium	4340		E*	P
7439-96-5	Manganese	356		N	P
7439-97-6	Mercury	0.83		N	CV
7440-02-0	Nickel	39.8		*	P
7440-09-7	Potassium	1470		F	P
7440-22-4	Silver	0.80	U		P
7440-23-5	Sodium	245	B		P
7440-28-0	Thallium	0.53	U		F
7440-62-2	Vanadium	43.4		E	P
7440-66-6	Zinc	397		*	P

Color Before: BROWN Clarity Before: Texture: MEDIUM
Color After: BROWN Clarity After: Artifacts: YES

Comments:
ROOTS & STONES

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

ITW2B

Lab Name: IT PITTSBURGH Contract: _____

Lab Code: ITPA Case No.: 03486 SAS No.: _____ SDG No.: 025

Matrix: (soil/water) SOIL Lab Sample ID: ITW2B

Sample wt/vol: 5.1 (g/mL) G Lab File ID: 2060315D

Level: (low/med) LOW Date Received: 03/13/90

% Moisture: not dec. 10 Date Analyzed: 03/15/90

Column: (pack/cap) PACK Dilution Factor: 1.00

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) <u>UG/KG</u>	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	2	BJ
67-64-1	Acetone	49	
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
10061-01-5	Trans-1,3-Dichloropropene	5	U
110-75-2	2-CHLOROETHYLVINYLETHER	22	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	Total Xylenes	5	U
107-02-8	ACROLEIN	54	U

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

00194
EPA SAMPLE NO.

ITW2B

Lab Name: IT PITTSBURGH Contract: _____

Lab Code: ITPA Case No.: 03486 SAS No.: _____ SDG No.: 025

Matrix: (soil/water) SOIL Lab Sample ID: ITW2B

Sample wt/vol: 30.0 (g/mL) G Lab File ID: 5060327D

Level: (low/med) LOW Date Received: 03/13/90

% Moisture: not dec. 10 dec. _____ Date Extracted: 03/15/90

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 03/27/90

GPC Cleanup: (Y/N) Y pH: _____ Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) <u>UG/KG</u>	Q
108-95-2	Phenol	730	U
111-44-4	bis(2-Chloroethyl) Ether	730	U
95-57-8	2-Chlorophenol	730	U
541-73-1	1,3-Dichlorobenzene	730	U
106-46-7	1,4-Dichlorobenzene	730	U
100-51-6	Benzyl Alcohol	730	U
95-50-1	1,2-Dichlorobenzene	730	U
95-48-7	2-Methylphenol	730	U
108-60-1	bis(2-Chloroisopropyl) Ether	730	U
106-44-5	4-Methylphenol	730	U
621-64-7	N-Nitroso-Di-n-Propylamine	730	U
67-72-1	Hexachloroethane	730	U
98-95-3	Nitrobenzene	730	U
78-59-1	Isophorone	730	U
88-75-5	2-Nitrophenol	730	U
105-67-9	2,4-Dimethylphenol	730	U
65-85-0	Benzoic Acid	3600	U
111-91-1	bis(2-Chloroethoxy) Methane	730	U
120-83-2	2,4-Dichlorophenol	730	U
120-82-1	1,2,4-Trichlorobenzene	730	U
91-20-3	Naphthalene	730	U
106-47-8	4-Chloroaniline	730	U
87-68-3	Hexachlorobutadiene	730	U
59-50-7	4-Chloro-3-Methylphenol	730	U
91-57-6	2-Methylnaphthalene	730	U
77-47-4	Hexachlorocyclopentadiene	730	U
88-06-2	2,4,6-Trichlorophenol	730	U
95-95-4	2,4,5-Trichlorophenol	3600	U
91-58-7	2-Chloronaphthalene	730	U
88-74-4	2-Nitroaniline	3600	U
131-11-3	Dimethyl Phthalate	730	U
208-96-8	Acenaphthylene	730	U
606-20-2	2,6-Dinitrotoluene	730	U

1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

ITW2B

Lab Name: IT PITTSBURGH Contract: _____
 Lab Code: ITPA Case No.: 03486 SAS No.: _____ SDG No.: 025
 Matrix: (soil/water) SOIL Lab Sample ID: ITW2B
 Sample wt/vol: 30.0 (g/mL) G Lab File ID: 5060327D
 Level: (low/med) LOW Date Received: 03/13/90
 % Moisture: not dec. 10 dec. _____ Date Extracted: 03/15/90
 Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 03/27/90
 GPC Cleanup: (Y/N) Y pH: _____ Dilution Factor: 1.0

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) <u>UG/KG</u>	Q
99-09-2-----	3-Nitroaniline	3600	U
83-32-9-----	Acenaphthene	730	U
51-28-5-----	2,4-Dinitrophenol	3600	U
100-02-7-----	4-Nitrophenol	3600	U
132-64-9-----	Dibenzofuran	730	U
121-14-2-----	2,4-Dinitrotoluene	730	U
84-66-2-----	Diethylphthalate	730	U
7005-72-3-----	4-Chlorophenyl-phenylether	730	U
86-73-7-----	Fluorene	730	U
100-01-6-----	4-Nitroaniline	3600	U
534-52-1-----	4,6-Dinitro-2-Methylphenol	3600	U
86-30-6-----	N-Nitrosodiphenylamine (1)	730	U
101-55-3-----	4-Bromophenyl-phenylether	730	U
118-74-1-----	Hexachlorobenzene	730	U
87-86-5-----	Pentachlorophenol	3600	U
85-01-8-----	Phenanthrene	730	U
120-12-7-----	Anthracene	730	U
84-74-2-----	Di-n-Butylphthalate	730	U
206-44-0-----	Fluoranthene	730	U
129-00-0-----	Pyrene	730	U
85-68-7-----	Butylbenzylphthalate	730	U
91-94-1-----	3,3'-Dichlorobenzidine	1500	U
56-55-3-----	Benzo(a)Anthracene	730	U
218-01-9-----	Chrysene	730	U
117-81-7-----	bis(2-Ethylhexyl)Phthalate	730	U
117-84-0-----	Di-n-Octyl Phthalate	730	U
205-99-2-----	Benzo(b)Fluoranthene	730	U
207-08-9-----	Benzo(k)Fluoranthene	730	U
50-32-8-----	Benzo(a)Pyrene	730	U
193-39-5-----	Indeno(1,2,3-cd)Pyrene	730	U
53-70-3-----	Dibenz(a,h)Anthracene	730	U
191-24-2-----	Benzo(g,h,i)Perylene	730	U

(1) - Cannot be separated from Diphenylamine

1D
PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO. 0026A

ITW2B

Lab Name: IT PITTSBURGH Contract: _____

I Code: ITPA Case No.: 03486 SAS No.: _____ SDG No.: 025

Matrix: (soil/water) SOIL Lab Sample ID: Q00305204

Sample wt/vol: 30.0 (g/mL) G Lab File ID: _____

Level: (low/med) LOW Date Received: 03/13/90

% Moisture: not dec. 10 dec. _____ Date Extracted: 03/23/90

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 03/31/90

GPC Cleanup: (Y/N) Y pH: 5.2 Dilution Factor: 1.00

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) <u>UG/KG</u>	Q
319-84-6	alpha-BHC	18	U
319-85-7	beta-BHC	18	U
319-86-8	delta-BHC	18	U
58-89-9	gamma-BHC (Lindane)	18	U
76-44-8	Heptachlor	18	U
309-00-2	Aldrin	18	U
1024-57-3	Heptachlor epoxide	18	U
959-98-8	Endosulfan I	18	U
60-57-1	Dieldrin	36	U
72-55-9	4,4'-DDE	36	U
72-20-8	Endrin	36	U
33213-65-9	Endosulfan II	36	U
72-54-8	4,4'-DDD	36	U
1031-07-8	Endosulfan sulfate	36	U
50-29-3	4,4'-DDT	36	U
72-43-5	Methoxychlor	180	U
53494-70-5	Endrin ketone	36	U
5103-71-9	alpha-Chlordane	180	U
5103-74-2	gamma-Chlordane	180	U
8001-35-2	Toxaphene	360	U
12674-11-2	Aroclor-1016	180	U
11104-28-2	Aroclor-1221	180	U
11141-16-5	Aroclor-1232	180	U
53469-21-9	Aroclor-1242	180	U
12672-29-6	Aroclor-1248	180	U
11097-69-1	Aroclor-1254	360	U
11096-82-5	Aroclor-1260	360	U

AR302878

1
INORGANIC ANALYSES DATA SHEET

EPA SAMPLE NO.

ITW28

Name: ITAS_PITTSBURGH _____ Cont: Firestone _____

Lab Code: ITPA _____ Case No.: 03486 _____ SAC No.: _____ SOG No.: 025 _____

Matrix (soil/water): SOIL _____ Lab Sample ID: ITW28 _____

Level (low/med): LOW _____ Date Received: 05/17/01 _____

% Solids: 90.0 _____

Concentration Units (ug/l or mg/kg dry weight) - MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	2190			P
7440-38-2	Arsenic	1.1	B	W	F
7440-39-3	Barium	4.5	B		P
7440-41-7	Beryllium	0.22	U		P
7440-43-9	Cadmium	13.3			P
7440-70-2	Calcium	37.7	B	*	P
7440-47-3	Chromium	4.7		*	P
7440-48-4	Cobalt	0.43	U		P
7440-50-8	Copper	7.8		N*	P
7439-89-6	Iron	2490			P
7439-92-1	Lead	2.4			F
7439-95-4	Magnesium	66.4	B	E*	P
7439-96-5	Manganese	6.3		N	P
7439-97-6	Mercury	0.11		N	CV
7440-02-0	Nickel	0.86	U	*	P
7440-09-7	Potassium	62.7	B	E	P
7440-22-4	Silver	0.65	U		P
7440-23-5	Sodium	47.3	B		P
7440-28-0	Thallium	0.44	U	S	F
7440-62-2	Vanadium	3.9	B	E	P
7440-66-6	Zinc	4.7		*	P

Color Before: BROWN _____ Clarity Before: _____ Texture: MEDIUM

Color After: GRAY _____ Clarity After: _____ Artifacts: YES _____

Comments:
STONES _____

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

0011A
EPA SAMPLE NO.

Lab Name: <u>IT PITTSBURGH</u>	Contract: _____	ITW2C
Lab Code: <u>ITPA</u>	Case No.: <u>03486</u>	SAS No.: _____
Matrix: (soil/water) <u>SOIL</u>	Lab Sample ID: <u>ITW2C</u>	SDG No.: <u>025</u>
Sample wt/vol: <u>5.0</u> (g/mL) <u>G</u>	Lab File ID: <u>2050315D</u>	
Level: (low/med) <u>LOW</u>	Date Received: <u>03/13/90</u>	
% Moisture: not dec. <u>17</u>	Date Analyzed: <u>03/15/90</u>	
Column: (pack/cap) <u>PACK</u>	Dilution Factor: <u>1.0</u>	

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) <u>UG/KG</u>	Q
74-87-3	Chloromethane	12	U
74-83-9	Bromomethane	12	U
75-01-4	Vinyl Chloride	12	U
75-00-3	Chloroethane	12	U
75-09-2	Methylene Chloride	2	BJ
67-64-1	Acetone	20	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	12	J
71-55-6	1,1,1-Trichloroethane	6	U
56-23-5	Carbon Tetrachloride	6	U
108-05-4	Vinyl Acetate	12	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
10061-01-5	Trans-1,3-Dichloropropene	6	U
110-75-2	2-CHLOROETHYL VINYLETHER	24	U
75-25-2	Bromoform	6	U
108-10-1	4-Methyl-2-Pentanone	12	U
591-78-6	2-Hexanone	12	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	Total Xylenes	6	U
107-02-8	ACROLEIN	60	U

AR302880

0012A

107-13-1-----ACRYLONITRILE

60

U

0021A

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

ITW2C

Lab Name: IT PITTSBURGH Contract: _____

Lab Code: ITPA Case No.: 03486 SAS No.: _____ SDG No.: 025

Matrix: (soil/water) SOIL Lab Sample ID: ITW2C

Sample wt/vol: 30.0 (g/mL) G Lab File ID: 5050327D

Level: (low/med) LOW Date Received: 03/13/90

% Moisture: not dec. 17 dec. _____ Date Extracted: 03/15/90

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 03/27/90

GPC Cleanup: (Y/N) Y pH: _____ Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) <u>UG/KG</u>	<u>Q</u>
108-95-2	Phenol	800	U
111-44-4	bis(2-Chloroethyl) Ether	800	U
95-57-8	2-Chlorophenol	800	U
541-73-1	1,3-Dichlorobenzene	800	U
106-46-7	1,4-Dichlorobenzene	800	U
100-51-6	Benzyl Alcohol	800	U
95-50-1	1,2-Dichlorobenzene	800	U
95-48-7	2-Methylphenol	800	U
108-60-1	bis(2-Chloroisopropyl) Ether	800	U
106-44-5	4-Methylphenol	800	U
621-64-7	N-Nitroso-Di-n-Propylamine	800	U
67-72-1	Hexachloroethane	800	U
98-95-3	Nitrobenzene	800	U
78-59-1	Isophorone	800	U
88-75-5	2-Nitrophenol	800	U
105-67-9	2,4-Dimethylphenol	800	U
65-85-0	Benzoic Acid	3900	U
111-91-1	bis(2-Chloroethoxy) Methane	800	U
120-83-2	2,4-Dichlorophenol	800	U
120-82-1	1,2,4-Trichlorobenzene	800	U
91-20-3	Naphthalene	800	U
106-47-8	4-Chloroaniline	800	U
87-68-3	Hexachlorobutadiene	800	U
59-50-7	4-Chloro-3-Methylphenol	800	U
91-57-6	2-Methylnaphthalene	800	U
77-47-4	Hexachlorocyclopentadiene	800	U
88-06-2	2,4,6-Trichlorophenol	800	U
95-95-4	2,4,5-Trichlorophenol	3900	U
91-58-7	2-Chloronaphthalene	800	U
88-74-4	2-Nitroaniline	3900	U
131-11-3	Dimethyl Phthalate	800	U
208-96-8	Acenaphthylene	800	U
606-20-2	2,6-Dinitrotoluene	800	U

1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

0022A
EPA SAMPLE NO.

ITW2C

Lab Name: IT PITTSBURGH Contract: _____

Lab Code: ITPA Case No.: 03486 SAS No.: _____ SDG No.: 025

Matrix: (soil/water) SOIL Lab Sample ID: ITW2C

Sample wt/vol: 30.0 (g/mL) G Lab File ID: 5050327D

Level: (low/med) LOW Date Received: 03/13/90

% Moisture: not dec. 17 dec. _____ Date Extracted: 03/15/90

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 03/27/90

GPC Cleanup: (Y/N) Y pH: _____ Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) <u>UG/KG</u>	Q
99-09-2	3-Nitroaniline	3900	U
83-32-9	Acenaphthene	800	U
51-28-5	2,4-Dinitrophenol	3900	U
100-02-7	4-Nitrophenol	3900	U
132-64-9	Dibenzofuran	800	U
121-14-2	2,4-Dinitrotoluene	800	U
84-66-2	Diethylphthalate	800	U
7005-72-3	4-Chlorophenyl-phenylether	800	U
86-73-7	Fluorene	800	U
100-01-6	4-Nitroaniline	3900	U
534-52-1	4,6-Dinitro-2-Methylphenol	3900	U
86-30-6	N-Nitrosodiphenylamine (1)	800	U
101-55-3	4-Bromophenyl-phenylether	800	U
118-74-1	Hexachlorobenzene	800	U
87-86-5	Pentachlorophenol	3900	U
85-01-8	Phenanthrene	800	U
120-12-7	Anthracene	800	U
84-74-2	Di-n-Butylphthalate	800	U
206-44-0	Fluoranthene	800	U
129-00-0	Pyrene	800	U
85-68-7	Butylbenzylphthalate	800	U
91-94-1	3,3'-Dichlorobenzidine	1600	U
56-55-3	Benzo (a) Anthracene	800	U
218-01-9	Chrysene	800	U
117-81-7	bis (2-Ethylhexyl) Phthalate	800	U
117-84-0	Di-n-Octyl Phthalate	800	U
205-99-2	Benzo (b) Fluoranthene	800	U
207-08-9	Benzo (k) Fluoranthene	800	U
50-32-8	Benzo (a) Pyrene	800	U
193-39-5	Indeno (1,2,3-cd) Pyrene	800	U
53-70-3	Dibenz (a,h) Anthracene	800	U
191-24-2	Benzo (g,h,i) Perylene	800	U

(1) - Cannot be separated from Diphenylamine

1D
PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE 0027A

ITW2C

Lab Name: IT PITTSBURGH Contract: _____

L Code: ITPA Case No.: 03486 SAS No.: _____ SDG No.: 025

Matrix: (soil/water) SOIL Lab Sample ID: Q00305205

Sample wt/vol: 30.0 (g/mL) G Lab File ID: _____

Level: (low/med) LOW Date Received: 03/13/90

% Moisture: not dec. 17 dec. _____ Date Extracted: 03/23/90

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 03/31/90

GPC Cleanup: (Y/N) Y pH: 4.6 Dilution Factor: 1.00

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

CAS NO. COMPOUND (ug/L or ug/Kg) UG/KG Q

319-84-6	alpha-BHC	19	U
319-85-7	beta-BHC	19	U
319-86-8	delta-BHC	19	U
58-89-9	gamma-BHC (Lindane)	19	U
76-44-8	Heptachlor	19	U
309-00-2	Aldrin	19	U
1024-57-3	Heptachlor epoxide	19	U
959-98-8	Endosulfan I	19	U
60-57-1	Dieldrin	39	U
72-55-9	4,4'-DDE	39	U
72-20-8	Endrin	39	U
33213-65-9	Endosulfan II	39	U
72-54-8	4,4'-DDD	39	U
1031-07-8	Endosulfan sulfate	39	U
50-29-3	4,4'-DDT	39	U
72-43-5	Methoxychlor	190	U
53494-70-5	Endrin ketone	39	U
5103-71-9	alpha-Chlordane	190	U
5103-74-2	gamma-Chlordane	190	U
8001-35-2	Toxaphene	390	U
12674-11-2	Aroclor-1016	190	U
11104-28-2	Aroclor-1221	190	U
11141-16-5	Aroclor-1232	190	U
53469-21-9	Aroclor-1242	190	U
12672-29-6	Aroclor-1248	190	U
11097-69-1	Aroclor-1254	390	U
11096-82-5	Aroclor-1260	390	U

INORGANIC ANALYSES DATA SHEET

EPA SAMPLE NO.

ITW2C

Name: LTAS PITTSBURGH CONTAINER: TRESTONE

Lab Code: HPA Case No.: D3426 CAS No. _____ SDI No.: 025

Matrix (soil/water): 300 Lab Sample ID: ITW2

Level (low/med): LOW Date Received: 11/17/00

% Solids: 83.4

Concentration Units (ug/l or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	6920			P
7440-38-2	Arsenic	3.5			F
7440-39-3	Barium	46.7	B		P
7440-41-7	Beryllium	0.58	B		P
7440-43-9	Cadmium	0.48	U		P
7440-70-2	Calcium	156	B	*	P
7440-47-3	Chromium	17.7		*	P
7440-48-4	Cobalt	16.3			P
7440-50-8	Copper	28.2		N*	P
7439-89-6	Iron	20600			P
7439-92-1	Lead	8.2		S	F
7439-95-4	Magnesium	311	R	E*	P
7439-96-5	Manganese	391		N	P
7439-97-6	Mercury	0.11	U	N	CV
7440-02-0	Nickel	8.9	B	*	P
7440-09-7	Potassium	522	B	E	P
7440-22-4	Silver	0.72	U		P
7440-23-5	Sodium	41.8	B		P
7440-28-0	Thallium	0.47	U	W	F
7440-62-2	Vanadium	41.3		E	P
7440-66-6	Zinc	31.3		*	P

Color Before: BROWN Clarity Before: _____ Texture: CHALKY

Color After: GRAY Clarity After: _____ Artifacts: YES

Comments:
 STONES _____

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

0003A EPA SAMPLE NO.

ITW3A

ab Name: IT PITTSBURGH Contract: _____
 Lab Code: ITPA Case No.: 03486 SAS No.: _____ SDG No.: 010
 Matrix: (soil/water) SOIL Lab Sample ID: ITW3A
 Sample wt/vol: 4.9 (g/mL) G Lab File ID: 2020226N
 Level: (low/med) LOW Date Received: 02/22/90
 % Moisture: not dec. 24 Date Analyzed: 02/27/90
 Column: (pack/cap) PACK Dilution Factor: 1.00

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	U
75-00-3	Chloroethane	13	U
75-09-2	Methylene Chloride	7	B
67-64-1	Acetone	13	U
75-15-0	Carbon Disulfide	7	U
75-35-4	1,1-Dichloroethene	7	U
75-34-3	1,1-Dichloroethane	7	U
540-59-0	1,2-Dichloroethene (total)	7	U
67-66-3	Chloroform	7	U
107-06-2	1,2-Dichloroethane	7	U
78-93-3	2-Butanone	13	U
71-55-6	1,1,1-Trichloroethane	7	U
56-23-5	Carbon Tetrachloride	7	U
108-05-4	Vinyl Acetate	13	U
75-27-4	Bromodichloromethane	7	U
78-87-5	1,2-Dichloropropane	7	U
10061-01-5	cis-1,3-Dichloropropene	7	U
79-01-6	Trichloroethene	7	U
124-48-1	Dibromochloromethane	7	U
79-00-5	1,1,2-Trichloroethane	7	U
71-43-2	Benzene	7	U
10061-02-5	Trans-1,3-Dichloropropene	7	U
110-75-8	2-CHLOROETHYLVINYLETHER	26 13	U
75-25-2	Bromoform	7	U
108-10-1	4-Methyl-2-Pentanone	13	U
591-78-6	2-Hexanone	13	U
127-18-4	Tetrachloroethene	7	U
79-34-5	1,1,2,2-Tetrachloroethane	7	U
108-88-3	Toluene	7	U
108-90-7	Chlorobenzene	5	BJ
100-41-4	Ethylbenzene	7	U
100-42-5	Styrene	7	U
1330-20-7	Total Xylenes	7	U
107-02-8	ACROLEIN	65 15	U

KLD
3/2/90

 KLD
3/12

107-13-1-----ACRYLONITRILE

~~6513~~

0004A

3/12/60

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

Lab Name: IT PITTSBURGH Contract: _____

Lab Code: ITPA Case No.: 03486 SAS No.: _____ SDG No.: 021

Matrix: (soil/water) SOIL Lab Sample ID: ITW-3A

Sample wt/vol: 30.1 (g/mL) G Lab File ID: 5030327D

Level: (low/med) LOW Date Received: 03/07/90

% Moisture: not dec. 23 dec. _____ Date Extracted: 03/15/90

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 03/27/90

GPC Cleanup: (Y/N) Y pH: _____ Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) <u>UG/KG</u>	Q
108-95-2	Phenol	850	U
111-44-4	bis(2-Chloroethyl) Ether	850	U
95-57-8	2-Chlorophenol	850	U
541-73-1	1,3-Dichlorobenzene	850	U
106-46-7	1,4-Dichlorobenzene	850	U
100-51-6	Benzyl Alcohol	850	U
95-50-1	1,2-Dichlorobenzene	850	U
95-48-7	2-Methylphenol	850	U
108-60-1	bis(2-Chloroisopropyl) Ether	850	U
106-44-5	4-Methylphenol	850	U
621-64-7	N-Nitroso-Di-n-Propylamine	850	U
67-72-1	Hexachloroethane	850	U
98-95-3	Nitrobenzene	850	U
78-59-1	Isophorone	850	U
88-75-5	2-Nitrophenol	850	U
105-67-9	2,4-Dimethylphenol	850	U
65-85-0	Benzoic Acid	660	J
111-91-1	bis(2-Chloroethoxy) Methane	850	U
120-83-2	2,4-Dichlorophenol	850	U
120-82-1	1,2,4-Trichlorobenzene	850	U
91-20-3	Naphthalene	850	U
106-47-8	4-Chloroaniline	850	U
87-68-3	Hexachlorobutadiene	850	U
59-50-7	4-Chloro-3-Methylphenol	850	U
91-57-6	2-Methylnaphthalene	850	U
77-47-4	Hexachlorocyclopentadiene	850	U
88-06-2	2,4,6-Trichlorophenol	850	U
95-95-4	2,4,5-Trichlorophenol	4100	U
91-58-7	2-Chloronaphthalene	850	U
88-74-4	2-Nitroaniline	4100	U
131-11-3	Dimethyl Phthalate	850	U
208-96-8	Acenaphthylene	850	U
606-20-2	2,6-Dinitrotoluene	850	U

1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

ITW-3A

Lab Name: IT PITTSBURGH Contract: _____

Lab Code: ITPA Case No.: 03486 SAS No.: _____ SDG No.: 021

Matrix: (soil/water) SOIL Lab Sample ID: ITW-3A

Sample wt/vol: 30.1 (g/mL) G Lab File ID: 5030327D

Level: (low/med) LOW Date Received: 03/07/90

% Moisture: not dec. 23 dec. _____ Date Extracted: 03/15/90

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 03/27/90

GPC Cleanup: (Y/N) Y pH: _____ Dilution Factor: 1.0

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) <u>UG/KG</u>	Q
99-09-2	3-Nitroaniline	4100	U
83-32-9	Acenaphthene	850	U
51-28-5	2,4-Dinitrophenol	4100	U
100-02-7	4-Nitrophenol	4100	U
132-64-9	Dibenzofuran	850	U
121-14-2	2,4-Dinitrotoluene	850	U
84-66-2	Diethylphthalate	850	U
7005-72-3	4-Chlorophenyl-phenylether	850	U
86-73-7	Fluorene	850	U
100-01-6	4-Nitroaniline	4100	U
534-52-1	4,6-Dinitro-2-Methylphenol	4100	U
86-30-6	N-Nitrosodiphenylamine (1)	850	U
101-55-3	4-Bromophenyl-phenylether	850	U
118-74-1	Hexachlorobenzene	850	U
87-86-5	Pentachlorophenol	280	BJ
85-01-8	Phenanthrene	850	U
120-12-7	Anthracene	850	U
84-74-2	Di-n-Butylphthalate	850	U
206-44-0	Fluoranthene	850	U
129-00-0	Pyrene	850	U
85-68-7	Butylbenzylphthalate	850	U
91-94-1	3,3'-Dichlorobenzidine	1700	U
56-55-3	Benzo(a)Anthracene	850	U
218-01-9	Chrysene	850	U
117-81-7	bis(2-Ethylhexyl)Phthalate	200	J
117-84-0	Di-n-Octyl Phthalate	850	U
205-99-2	Benzo(b)Fluoranthene	850	U
207-08-9	Benzo(k)Fluoranthene	850	U
50-32-8	Benzo(a)Pyrene	850	U
193-39-5	Indeno(1,2,3-cd)Pyrene	850	U
53-70-3	Dibenz(a,h)Anthracene	850	U
191-24-2	Benzo(g,h,i)Perylene	850	U

(1) - Cannot be separated from Diphenylamine

1D
PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO
0013A

ITW3A

Lab Name: IT PITTSBURGH Contract: _____

Lab Code: ITPA Case No.: 03486 SAS No.: _____ SDG No.: 010

Matrix: (soil/water) SOIL Lab Sample ID: Q00210901

Sample wt/vol: 30.0 (g/mL) G Lab File ID: _____

Level: (low/med) LOW Date Received: 02/22/90

% Moisture: not dec. 18 dec. _____ Date Extracted: 03/03/90

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 03/14/90

GPC Cleanup: (Y/N) Y pH: 4.7 Dilution Factor: 1.00

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/KG Q

CAS NO.	COMPOUND	(ug/L or ug/Kg)	UG/KG	Q
319-84-6	alpha-BHC	20	U	
319-85-7	beta-BHC	20	U	
319-86-8	delta-BHC	20	U	
58-89-9	gamma-BHC (Lindane)	20	U	
76-44-8	Heptachlor	20	U	
309-00-2	Aldrin	20	U	
1024-57-3	Heptachlor epoxide	20	U	
959-98-8	Endosulfan I	20	U	
60-57-1	Dieldrin	39	U	
72-55-9	4,4'-DDE	39	U	
72-20-8	Endrin	39	U	
33213-65-9	Endosulfan II	39	U	
72-54-8	4,4'-DDD	39	U	
1031-07-8	Endosulfan sulfate	39	U	
50-29-3	4,4'-DDT	39	U	
72-43-5	Methoxychlor	200	U	
53494-70-5	Endrin ketone	39	U	
5103-71-9	alpha-Chlordane	200	U	
5103-74-2	gamma-Chlordane	200	U	
8001-35-2	Toxaphene	390	U	
12674-11-2	Aroclor-1016	200	U	
11104-28-2	Aroclor-1221	200	U	
11141-16-5	Aroclor-1232	200	U	
53469-21-9	Aroclor-1242	200	U	
12672-29-6	Aroclor-1248	200	U	
11097-69-1	Aroclor-1254	390	U	
11096-82-5	Aroclor-1260	390	U	

1
INORGANIC ANALYSES DATA SHEET

TPA SAMPLE NO.

ITW3A

Lab Name: ITAS_PITTSBURGH Contract: FIRESTONE

Lab Code: ITPA Case No.: 08286 CAS No.: SES No.: 117

Matrix (soil/water): GDL Lab Sample ID: ITW3A

Level (low/med): LOW Date Received: 12/15/78

% Solids: 81.8

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

CAS No.	Analyte	Concentration	Cl	Q	IM
7429-90-5	Aluminum	15700			P
7440-38-2	Arsenic	0.96	B	N	F
7440-39-3	Barium	32.8	B		P
7440-41-7	Beryllium	1.1	B		P
7440-43-9	Cadmium	0.48	U		F
7440-70-2	Calcium	447	B		P
7440-47-3	Chromium	7.5		*	F
7440-48-4	Cobalt	19.8			P
7440-50-8	Copper	21.0			P
7439-89-6	Iron	37700			F
7439-92-1	Lead	8.6		S	F
7439-95-9	Magnesium	1890			P
7439-96-5	Manganese	470		N*	F
7439-97-6	Mercury	0.11	U		CV
7440-02-0	Nickel	7.5	B		P
7440-09-7	Potassium	1950			P
7440-22-4	Silver	0.72	U		P
7440-23-5	Sodium	56.9	B		P
7440-28-0	Thallium	0.24	B	W	F
7440-62-2	Vanadium	112		*	P
7440-66-6	Zinc	47.7			P

Color Before: BROWN Clarity Before: Texture: MEDIUM

Color After: BROWN Clarity After: Artifacts: YES

Comments:
ARTIFACTS: ROOTS, STONES

0009A

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

ITW3B

Lab Name: IT PITTSBURGH Contract: _____

Lab Code: ITPA Case No.: 03486 SAS No.: _____ SDG No.: 010

Matrix: (soil/water) SOIL Lab Sample ID: ITW3B

Sample wt/vol: 5.1 (g/mL) G Lab File ID: 2010227D

Level: (low/med) LOW Date Received: 02/22/90

% Moisture: not dec. 15 Date Analyzed: 02/27/90

Column: (pack/cap) PACK Dilution Factor: 1.00

CAS NO.	COMPOUND	CONCENTRATION UNITS:	
		(ug/L or ug/Kg)	UG/KG
74-87-3	Chloromethane	12	U
74-83-9	Bromomethane	12	U
75-01-4	Vinyl Chloride	12	U
75-00-3	Chloroethane	12	U
75-09-2	Methylene Chloride	6	B
67-64-1	Acetone	6	BJ
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	10	J
71-55-6	1,1,1-Trichloroethane	6	U
56-23-5	Carbon Tetrachloride	6	U
108-05-4	Vinyl Acetate	12	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
110-75-8	2-CHLOROETHYLVINYLETHER	24-12	U
75-25-2	Bromoform	6	U
108-10-1	4-Methyl-2-Pentanone	12	U
591-78-6	2-Hexanone	12	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	3	J
100-41-4	Ethylbenzene	2	J
100-42-5	Styrene	6	U
1330-20-7	Total Xylenes	8	
107-02-8	ACROLEIN	60-12	U

K03/

FORM I VOA

1/87 Rev

AR302892

0010A

107-13-1-----ACRYLONITRILE

60-12

U

KO
3/12/20

1D
PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

0016A

ITW3B

Lab Name: IT PITTSBURGH Contract: _____

L Code: ITPA Case No.: 03486 SAS No.: _____ SDG No.: 010

Matrix: (soil/water) SOIL Lab Sample ID: Q00210905

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

Level: (low/med) LOW Date Received: 02/22/90

% Moisture: not dec. 17 dec. _____ Date Extracted: 03/03/90

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 03/15/90

GPC Cleanup: (Y/N) N pH: 6.0 Dilution Factor: 1.00

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

CAS NO. COMPOUND Q

319-84-6	alpha-BHC	9.6	U
319-85-7	beta-BHC	9.6	U
319-86-8	delta-BHC	9.6	U
58-89-9	gamma-BHC (Lindane)	9.6	U
76-44-8	Heptachlor	9.6	U
309-00-2	Aldrin	9.6	U
1024-57-3	Heptachlor epoxide	9.6	U
959-98-8	Endosulfan I	9.6	U
60-57-1	Dieldrin	19	U
72-55-9	4,4'-DDE	19	U
72-20-8	Endrin	19	U
33213-65-9	Endosulfan II	19	U
72-54-8	4,4'-DDD	19	U
1031-07-8	Endosulfan sulfate	19	U
50-29-3	4,4'-DDT	19	U
72-43-5	Methoxychlor	96	U
53494-70-5	Endrin ketone	19	U
5103-71-9	alpha-Chlordane	96	U
5103-74-2	gamma-Chlordane	96	U
8001-35-2	Toxaphene	190	U
12674-11-2	Aroclor-1016	96	U
11104-28-2	Aroclor-1221	96	U
11141-16-5	Aroclor-1232	96	U
53469-21-9	Aroclor-1242	96	U
12672-29-6	Aroclor-1248	96	U
11097-69-1	Aroclor-1254	190	U
11096-82-5	Aroclor-1260	190	U

1
INORGANIC ANALYSES DATA SHEET

EPA SAMPLE NO. _____

ITW38

Lab Name: ITAS_PITTSBURGH _____ Contract: FIRESTONE _____

Lab Code: ITPA _____ Case No.: 02484 BAS No.: _____ EDG No.: 010 _____

Matrix (soil/water): SOIL _____ Lab Sample ID: ITW38 _____

Level (low/mid): LCL _____ Date Received: 02/22/90 _____

% Solids: _____ 83.1

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

CAS No.	Analyte	Concentration	Cl	C	M
17429-90-3	Aluminum				NR
17440-38-2	Arsenic	5.0		N	F
17440-39-3	Barium				NR
17440-41-7	Beryllium				NR
17440-43-9	Cadmium				NR
17440-70-2	Calcium				NR
17440-47-3	Chromium	7.5		*	F
17440-48-4	Cobalt				NR
17440-50-8	Copper				NR
17439-89-6	Iron				NR
17439-92-1	Lead	12.9		S	F
17439-95-4	Magnesium				NR
17439-96-5	Manganese				NR
17439-97-6	Mercury				NR
17440-02-0	Nickel				NR
17440-09-7	Potassium				NR
17440-22-4	Silver				NR
17440-23-5	Sodium				NR
17440-28-0	Thallium				NR
17440-62-2	Vanadium				NR
17440-66-6	Zinc				NR

Color Before: BROWN _____ Clarity Before: _____ Texture: MEDIUM

Color After: GRAY _____ Clarity After: _____ Artifacts: YES _____

Comments:

ARTIFACTS: STONES

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

0011A
EPA SAMPLE NO.

ITW3C

Lab Name: IT PITTSBURGH Contract: _____
 Lab Code: ITPA Case No.: 03486 SAS No.: _____ SDG No.: 010
 Matrix: (soil/water) SOIL Lab Sample ID: ITW3C
 Sample wt/vol: 5.0 (g/mL) G Lab File ID: 2020227D
 Level: (low/med) LOW Date Received: 02/22/90
 % Moisture: not dec. 21 Date Analyzed: 02/27/90
 Column: (pack/cap) PACK Dilution Factor: 1.0

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) <u>UG/KG</u>	Q
74-87-3	Chloromethane	13	U
74-83-9	Bromomethane	13	U
75-01-4	Vinyl Chloride	13	U
75-00-3	Chloroethane	13	U
75-09-2	Methylene Chloride	5	BJ
67-64-1	Acetone	7	BJ
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	J
71-55-6	1,1,1-Trichloroethane	6	U
56-23-5	Carbon Tetrachloride	6	U
108-05-4	Vinyl Acetate	13	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
110-75-8	2-CHLOROETHYLVINYLETHER	26 13	U
75-25-2	Bromoform	6	U
108-10-1	4-Methyl-2-Pentanone	13	U
591-78-6	2-Hexanone	13	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	11	
100-41-4	Ethylbenzene	11	
100-42-5	Styrene	6	U
1330-20-7	Total Xylenes	47	
107-02-8	ACROLEIN	65 13	U

K10
3/12/9

107-13-1-----ACRYLONITRILE_____

65 ~~13~~

0012^A
R0

3/12/90

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1D
PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO. 0117A

ITW3C

Lab Name: IT PITTSBURGH Contract: _____

L. Code: ITPA Case No.: 03486 SAS No.: _____ SDG No.: 010

Matrix: (soil/water) SOIL Lab Sample ID: Q00210904

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

Level: (low/med) LOW Date Received: 02/22/90

% Moisture: not dec. 24 dec. _____ Date Extracted: 03/03/90

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 03/15/90

GPC Cleanup: (Y/N) Y pH: 5.4 Dilution Factor: 1.00

CONCENTRATION UNITS:

CAS NO. COMPOUND (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	42	U
72-55-9	4,4'-DDE	42	U
72-20-8	Endrin	42	U
33213-65-9	Endosulfan II	42	U
72-54-8	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
5103-71-9	alpha-Chlordane	210	U
5103-74-2	gamma-Chlordane	210	U
8001-35-2	Toxaphene	420	U
12674-11-2	Aroclor-1016	210	U
11104-28-2	Aroclor-1221	210	U
11141-16-5	Aroclor-1232	210	U
53469-21-9	Aroclor-1242	210	U
12672-29-6	Aroclor-1248	210	U
11097-69-1	Aroclor-1254	420	U
11096-82-5	Aroclor-1260	420	U

U.S. EPA - CLP

1
INORGANIC ANALYSES DATA SHEET

EPA SAMPLE NO.

ITW3C

Lab Name: ITAS_PITTSBURGH Contract: FIRESTONE

Lab Code: TTPA Case No.: 03426 SAS No.: RDB No.: 110

Matrix (solid/liquid): BOTTLE Lab Sample ID: ITW3C

Level (low/med): LOW Date Received: 09/21/91

% Solids: 76.1

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

ICAS No.	Analyte	Concentration	C	D	M
17429-90-5	Aluminum	10400			P
17440-38-2	Arsenic	1.5	B	SN	F
17440-39-3	Barium	53.1			F
17440-41-7	Beryllium	1.7			P
17440-43-9	Cadmium	0.52	U		F
17440-70-2	Calcium	523	B		P
17440-47-3	Chromium	16.5		*	P
17440-43-4	Cobalt	21.3			P
17440-50-8	Copper	11.5			P
17439-99-6	Iron	23400			P
17439-92-1	Lead	7.5			F
17439-95-4	Magnesium	1220	B		P
17439-96-5	Manganese	344		N*	P
17439-97-6	Mercury	0.11	U		CV
17440-02-0	Nickel	9.8	B		F
17440-09-7	Potassium	2180			P
17440-22-4	Silver	0.77	U		P
17440-23-5	Sodium	107	B		P
17440-28-0	Thallium	0.26	B	W	F
17440-62-2	Vanadium	18.5		*	P
17440-66-6	Zinc	60.6			P

Color Before: BROWN Clarity Before: Texture: MEDIUM

Color After: GRAY Clarity After: Artifacts:

Comments:

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

000034
EPA SAMPLE NO.

Lab Name: <u>IT PITTSBURGH</u>	Contract: _____	ITW4A1
Lab Code: <u>ITPA</u>	Case No.: <u>03486</u>	SAS No.: _____
		SDG No.: <u>002</u>
Matrix: (soil/water) <u>SOIL</u>		Lab Sample ID: <u>ITW4A1</u>
Sample wt/vol: <u>4.9</u> (g/mL) <u>G</u>		Lab File ID: <u>2050221D</u>
Level: (low/med) <u>LOW</u>		Date Received: <u>02/15/90</u>
% Moisture: not dec. <u>22</u>		Date Analyzed: <u>02/21/90</u>
Column: (pack/cap) <u>PACK</u>		Dilution Factor: <u>1.00</u>

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) <u>UG/KG</u>	Q
74-87-3	Chloromethane	13	U
74-83-9	Bromomethane	13	U
75-01-4	Vinyl Chloride	13	U
75-00-3	Chloroethane	13	U
75-09-2	Methylene Chloride	6	BJ
67-64-1	Acetone	14	
75-15-0	Carbon Disulfide	7	U
75-35-4	1,1-Dichloroethene	7	U
75-34-3	1,1-Dichloroethane	7	U
540-59-0	1,2-Dichloroethene (total)	7	U
67-66-3	Chloroform	2	J
107-06-2	1,2-Dichloroethane	7	U
78-93-3	2-Butanone	13	U
71-55-6	1,1,1-Trichloroethane	7	U
56-23-5	Carbon Tetrachloride	7	U
108-05-4	Vinyl Acetate	13	U
75-27-4	Bromodichloromethane	7	U
78-87-5	1,2-Dichloropropane	7	U
10061-01-5	cis-1,3-Dichloropropene	7	U
79-01-6	Trichloroethene	7	U
124-48-1	Dibromochloromethane	7	U
79-00-5	1,1,2-Trichloroethane	7	U
71-43-2	Benzene	7	U
10061-02-6	Trans-1,3-Dichloropropene	7	U
110-75-8	2-CHLOROETHYLVINYLETHER	26 13	U
75-25-2	Bromoform	7	U
108-10-1	4-Methyl-2-Pentanone	13	U
591-78-6	2-Hexanone	13	U
127-18-4	Tetrachloroethene	7	U
79-34-5	1,1,2,2-Tetrachloroethane	7	U
108-88-3	Toluene	1	J
108-90-7	Chlorobenzene	1	J
100-41-4	Ethylbenzene	7	U
100-42-5	Styrene	7	U
1330-20-7	Total Xylenes	3	BJ
107-02-8	ACROLEIN	65 13	U

KUD
2/26/9

107-13-1-----ACRYLONITRILE

65 13

0000 4/1
U

FORM I VOA

1/87 Rev.

AR302901

PESTICIDE ORGANICS ANALYSIS DATA SHEET

ITW4A100015A

Lab Name: IT PITTSBURGH Contract: _____
 Lab Code: ITPA Case No.: 03486 SAS No.: _____ SDG No.: 002
 Matrix: (soil/water) SOIL Lab Sample ID: Q00207001
 Sample wt/vol: 30.1 (g/mL) G Lab File ID: _____
 Level: (low/med) LOW Date Received: 02/15/90
 % Moisture: not dec. 19 dec. _____ Date Extracted: 02/21/90
 Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 02/24/90
 GPC Cleanup: (Y/N) Y pH: 5.7 Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS:	
		(ug/L or ug/Kg)	UG/KG
319-84-6	alpha-BHC	20	U
319-85-7	beta-BHC	20	U
319-86-8	delta-BHC	20	U
58-89-9	gamma-BHC (Lindane)	20	U
76-44-8	Heptachlor	20	U
309-00-2	Aldrin	20	U
1024-57-3	Heptachlor epoxide	20	U
959-98-8	Endosulfan I	20	U
60-57-1	Dieldrin	39	U
72-55-9	4,4'-DDE	39	U
72-20-8	Endrin	39	U
33213-65-9	Endosulfan II	39	U
72-54-8	4,4'-DDD	39	U
1031-07-8	Endosulfan sulfate	39	U
50-29-3	4,4'-DDT	39	U
72-43-5	Methoxychlor	200	U
53494-70-5	Endrin ketone	39	U
5103-71-9	alpha-Chlordane	200	U
5103-74-2	gamma-Chlordane	200	U
8001-35-2	Toxaphene	390	U
12674-11-2	Aroclor-1016	200	U
11104-28-2	Aroclor-1221	200	U
11141-16-5	Aroclor-1232	200	U
53469-21-9	Aroclor-1242	200	U
12672-29-6	Aroclor-1248	200	U
11097-69-1	Aroclor-1254	390	U
11096-82-5	Aroclor-1260	390	U

1
INORGANIC ANALYSES DATA SHEET

EPA SAMPLE NO.

ITW4A1

Lab Name: ITAS_PITTSBURGH Contract: FIRESTONE

Lab Code: ITFA Case No.: 08485 SAS No.: CDG No.: 002

Matrix (soil/water): SOIL Lab Sample ID: ITW4A1

Level (low/med): LOW Date Received: 02/13/80

% Solids: 80.5

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

CAS No.	Analyte	Concentration	CI	Q	IM
7429-90-5	Aluminum	3430			P
7440-38-2	Arsenic	0.74	B	N	P
7440-39-3	Barium	24.7	B	E	P
7440-41-7	Beryllium	0.69	B		P
7440-43-9	Cadmium	0.50	U		P
7440-70-2	Calcium	764	B	E	P
7440-47-3	Chromium	13.3		*	P
7440-48-4	Cobalt	3.4	B		P
7440-50-8	Copper	21.0			P
7439-89-6	Iron	13800			P
7439-92-1	Lead	25.9		S*	P
7439-95-4	Magnesium	380	B	E	P
7439-96-5	Manganese	150		N	P
7439-97-6	Mercury	0.12	U		CV
7440-02-0	Nickel	4.8	B		P
7440-09-7	Potassium	281	B		P
7440-22-4	Silver	0.74	U		P
7440-23-5	Sodium	43.7	B		P
7440-28-0	Thallium	0.25	U	W	P
7440-62-2	Vanadium	18.5			P
7440-66-6	Zinc	53.1		N*	P

Color Before: BROWN Clarity Before: Texture: MEDIUM

Color After: BROWN Clarity After: Artifacts: YES

Comments:

ARTIFACTS: GRASS, STONES

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

00009A
EPA SAMPLE NO.

Lab Name: IT PITTSBURGH Contract: _____
 Lab Code: ITPA Case No.: 03486 SAS No.: _____ SDG No.: 002
 Matrix: (soil/water) SOIL Lab Sample ID: ITW-4A2
 Sample wt/vol: 4.9 (g/mL) G Lab File ID: 2060220D
 Level: (low/med) LOW Date Received: 02/15/90
 % Moisture: not dec. 19 Date Analyzed: 02/20/90
 Column: (pack/cap) PACK Dilution Factor: 1.00

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) <u>UG/KG</u>		Q
74-87-3	Chloromethane	13	U	
74-83-9	Bromomethane	13	U	
75-01-4	Vinyl Chloride	13	U	
75-00-3	Chloroethane	13	U	
75-09-2	Methylene Chloride	5	BJ	
67-64-1	Acetone	13	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	13	U	
71-55-6	1,1,1-Trichloroethane	6	U	
56-23-5	Carbon Tetrachloride	6	U	
108-05-4	Vinyl Acetate	13	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	
110-75-8	2-CHLOROETHYLVINYLETHER	26	U	
75-25-2	Bromoform	6	U	
108-10-1	4-Methyl-2-Pentanone	13	U	
591-78-6	2-Hexanone	13	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	Total Xylenes	6	U	
107-02-8	ACROLEIN	65	U	

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1/87 Rev

AR302904

107-13-1-----ACRYLONITRILE

65 17

00010A
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PESTICIDE ORGANICS ANALYSIS DATA SHEET

ITW4A2 00018A

Lab Name: IT PITTSBURGH Contract: _____
 Lab Code: ITPA Case No.: 03486 SAS No.: _____ SDG No.: 002
 Matrix: (soil/water) SOIL Lab Sample ID: Q00207004
 Sample wt/vol: 30.0 (g/mL) G Lab File ID: _____
 Level: (low/med) LOW Date Received: 02/15/90
 % Moisture: not dec. 15 dec. _____ Date Extracted: 02/21/90
 Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 02/24/90
 GPC Cleanup: (Y/N) Y pH: 4.8 Dilution Factor: 1.0

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) <u>UG/KG</u>	Q
319-84-6	alpha-BHC	19	U
319-85-7	beta-BHC	19	U
319-86-8	delta-BHC	19	U
58-89-9	gamma-BHC (Lindane)	19	U
76-44-8	Heptachlor	19	U
309-00-2	Aldrin	19	U
1024-57-3	Heptachlor epoxide	19	U
959-98-8	Endosulfan I	19	U
60-57-1	Dieldrin	38	U
72-55-9	4,4'-DDE	38	U
72-20-8	Endrin	38	U
33213-65-9	Endosulfan II	38	U
72-54-8	4,4'-DDD	38	U
1031-07-8	Endosulfan sulfate	38	U
50-29-3	4,4'-DDT	38	U
72-43-5	Methoxychlor	190	U
53494-70-5	Endrin ketone	38	U
5103-71-9	alpha-Chlordane	190	U
5103-74-2	gamma-Chlordane	190	U
8001-35-2	Toxaphene	380	U
12674-11-2	Aroclor-1016	190	U
11104-28-2	Aroclor-1221	190	U
11141-16-5	Aroclor-1232	190	U
53469-21-9	Aroclor-1242	190	U
12672-29-6	Aroclor-1248	190	U
11097-69-1	Aroclor-1254	380	U
11096-82-5	Aroclor-1260	380	U

U.S. EPA - CLP

1
INORGANIC ANALYSES DATA SHEET

EPA SAMPLE NO. _____

ITW4A2

Lab Name: ITAS_PITTSBURGH _____ Contract: FIRESTONE _____

Lab Code: ITPA _____ Case No.: 09486 SAS No.: _____ SDG No.: 102 _____

Matrix (soil/water): SOIL _____ Lab Sample ID: ITW4A2 _____

Level (low/med): LOW _____ Date Received: 02/15/90 _____

% Solids: 34.9

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

CAS No.	Analyte	Concentration	C	Q	M
17429-90-5	Aluminum	4300			P
17440-38-2	Arsenic	1.4	B	N	F
17440-39-3	Barium	25.2	B	E	P
17440-41-7	Beryllium	0.62	B		P
17440-43-9	Cadmium	0.47	U		P
17440-70-2	Calcium	522	B	E	P
17440-47-3	Chromium	16.8		*	P
17440-48-4	Cobalt	5.5	B		P
17440-50-3	Copper	15.6			P
17439-89-6	Iron	23000			P
17439-92-1	Lead	29.1		S*	F
17439-95-4	Magnesium	299	B	E	P
17439-96-5	Manganese	161		N	P
17439-97-5	Mercury	0.11	U		CV
17440-02-0	Nickel	5.2	B		P
17440-09-7	Potassium	291	B		P
17440-22-4	Silver	0.71	U		P
17440-23-5	Sodium	40.5	B		P
17440-28-0	Thallium	0.23	U	W	F
17440-62-2	Vanadium	21.3			P
17440-66-6	Zinc	42.3		N*	P

Color Before: BROWN _____ Clarity Before: _____ Texture: MEDILM

Color After: BROWN _____ Clarity After: _____ Artifacts: YES

Comments:

ARTIFACTS: GRASS, STONES _____

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

Lab Name: IT PITTSBURGH Contract: _____

Lab Code: ITPA Case No.: 03486 SAS No.: _____ SDG No.: 021

Matrix: (soil/water) SOIL Lab Sample ID: ITW-4A

Sample wt/vol: 30.1 (g/mL) G Lab File ID: 5060328D

Level: (low/med) LOW Date Received: 03/07/90

% Moisture: not dec. 13 dec. _____ Date Extracted: 03/15/90

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 03/28/90

GPC Cleanup: (Y/N) Y pH: _____ Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) <u>UG/KG</u>		Q
108-95-2	Phenol	750		U
111-44-4	bis(2-Chloroethyl) Ether	750		U
95-57-8	2-Chlorophenol	750		U
541-73-1	1,3-Dichlorobenzene	750		U
106-46-7	1,4-Dichlorobenzene	750		U
100-51-6	Benzyl Alcohol	750		U
95-50-1	1,2-Dichlorobenzene	750		U
95-48-7	2-Methylphenol	750		U
108-60-1	bis(2-Chloroisopropyl) Ether	750		U
106-44-5	4-Methylphenol	750		U
621-64-7	N-Nitroso-Di-n-Propylamine	750		U
67-72-1	Hexachloroethane	750		U
98-95-3	Nitrobenzene	750		U
78-59-1	Isophorone	750		U
88-75-5	2-Nitrophenol	750		U
105-67-9	2,4-Dimethylphenol	750		U
65-85-0	Benzoic Acid	79		J
111-91-1	bis(2-Chloroethoxy) Methane	750		U
120-83-2	2,4-Dichlorophenol	750		U
120-82-1	1,2,4-Trichlorobenzene	750		U
91-20-3	Naphthalene	750		U
106-47-8	4-Chloroaniline	750		U
87-68-3	Hexachlorobutadiene	750		U
59-50-7	4-Chloro-3-Methylphenol	750		U
91-57-6	2-Methylnaphthalene	750		U
77-47-4	Hexachlorocyclopentadiene	750		U
88-06-2	2,4,6-Trichlorophenol	750		U
95-95-4	2,4,5-Trichlorophenol	3700		U
91-58-7	2-Chloronaphthalene	750		U
88-74-4	2-Nitroaniline	3700		U
131-11-3	Dimethyl Phthalate	750		U
208-96-8	Acenaphthylené	750		U
606-20-2	2,6-Dinitrotoluene	750		U

1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

ITW-4A

Lab Name: IT PITTSBURGH Contract: _____

Lab Code: ITPA Case No.: 03486 SAS No.: _____ SDG No.: 021

Matrix: (soil/water) SOIL Lab Sample ID: ITW-4A

Sample wt/vol: 30.1 (g/mL) G Lab File ID: 5060328D

Level: (low/med) LOW Date Received: 03/07/90

% Moisture: not dec. 13 dec. _____ Date Extracted: 03/15/90

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 03/28/90

GPC Cleanup: (Y/N) Y pH: _____ Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) <u>UG/KG</u>	Q
99-09-2	3-Nitroaniline	3700	U
83-32-9	Acenaphthene	750	U
51-28-5	2,4-Dinitrophenol	3700	U
100-02-7	4-Nitrophenol	3700	U
132-64-9	Dibenzofuran	750	U
121-14-2	2,4-Dinitrotoluene	750	U
84-66-2	Diethylphthalate	750	U
7005-72-3	4-Chlorophenyl-phenylether	750	U
86-73-7	Fluorene	750	U
100-01-6	4-Nitroaniline	3700	U
534-52-1	4,6-Dinitro-2-Methylphenol	3700	U
86-30-6	N-Nitrosodiphenylamine (1)	750	U
101-55-3	4-Bromophenyl-phenylether	750	U
118-74-1	Hexachlorobenzene	750	U
87-86-5	Pentachlorophenol	3700	U
85-01-8	Phenanthrene	750	U
120-12-7	Anthracene	750	U
84-74-2	Di-n-Butylphthalate	750	U
206-44-0	Fluoranthene	750	U
129-00-0	Pyrene	750	U
85-68-7	Butylbenzylphthalate	750	U
91-94-1	3,3'-Dichlorobenzidine	1500	U
56-55-3	Benzo(a)Anthracene	750	U
218-01-9	Chrysene	750	U
117-81-7	bis(2-Ethylhexyl) Phthalate	1100	
117-84-0	Di-n-Octyl Phthalate	100	J
205-99-2	Benzo(b)Fluoranthene	750	U
207-08-9	Benzo(k)Fluoranthene	750	U
50-32-8	Benzo(a)Pyrene	750	U
193-39-5	Indeno(1,2,3-cd)Pyrene	750	U
53-70-3	Dibenz(a,h)Anthracene	750	U
191-24-2	Benzo(g,h,i)Perylene	750	U

(1) - Cannot be separated from Diphenylamine

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

00011A
EPA SAMPLE NO.

Lab Name: IT PITTSBURGH Contract: _____

Lab Code: ITPA Case No.: 03486 SAS No.: _____ SDG No.: 002

Matrix: (soil/water) SOIL Lab Sample ID: ITW4B

Sample wt/vol: 4.9 (g/mL) G Lab File ID: 2020221D

Level: (low/med) LOW Date Received: 02/15/90

% Moisture: not dec. 17 Date Analyzed: 02/21/90

Column: (pack/cap) PACK Dilution Factor: 1.00

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) <u>UG/KG</u>		Q
74-87-3	Chloromethane	12	U	
74-83-9	Bromomethane	12	U	
75-01-4	Vinyl Chloride	12	U	
75-00-3	Chloroethane	12	U	
75-09-2	Methylene Chloride	8	B	
67-64-1	Acetone	12	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	12	U	
71-55-6	1,1,1-Trichloroethane	6	U	
56-23-5	Carbon Tetrachloride	6	U	
108-05-4	Vinyl Acetate	12	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	
110-75-8	2-CHLOROETHYLVINYLETHER	24 12	U	KWD 2/21
75-25-2	Bromoform	6	U	
108-10-1	4-Methyl-2-Pentanone	12	U	
591-78-6	2-Hexanone	12	U	
127-18-4	Tetrachloroethene	6	U	
79-34-5	1,1,2,2-Tetrachloroethane	6	U	
108-88-3	Toluene	9	U	
108-90-7	Chlorobenzene	6	U	
100-41-4	Ethylbenzene	6	U	
100-42-5	Styrene	6	U	
1330-20-7	Total Xylenes	4	BJ	
107-02-8	ACROLEIN	60 12	U	

AR302910

107-13-1-----ACRYLONITRILE

60-12

00012r
U

PESTICIDE ORGANICS ANALYSIS DATA SHEET

ITW4B

00010/

Lab Name: IT PITTSBURGH

Contract: _____

Code: ITPA

Case No.: 03486

SAS No.: _____

SDG No.: 002

Matrix: (soil/water) SOIL

Lab Sample ID: Q00207101

Sample wt/vol: 30.0 (g/mL) G

Lab File ID: _____

Level: (low/med) LOW

Date Received: 02/15/90

% Moisture: not dec. 18 dec. _____

Date Extracted: 02/21/90

Extraction: (SepF/Cont/Sonc) SONC

Date Analyzed: 02/25/90

GPC Cleanup: (Y/N) Y pH: 7.0

Dilution Factor: 8.0

CAS NO. COMPOUND CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG Q

319-84-6	alpha-BHC	160	U
319-85-7	beta-BHC	160	U
319-86-8	delta-BHC	160	U
58-89-9	gamma-BHC (Lindane)	160	U
76-44-8	Heptachlor	160	U
309-00-2	Aldrin	160	U
1024-57-3	Heptachlor epoxide	160	U
959-98-8	Endosulfan I	160	U
60-57-1	Dieldrin	310	U
72-55-9	4,4'-DDE	310	U
72-20-8	Endrin	310	U
33213-65-9	Endosulfan II	310	U
72-54-8	4,4'-DDD	310	U
1031-07-8	Endosulfan sulfate	310	U
50-29-3	4,4'-DDT	310	U
72-43-5	Methoxychlor	1600	U
53494-70-5	Endrin ketone	310	U
5103-71-9	alpha-Chlordane	1600	U
5103-74-2	gamma-Chlordane	1600	U
8001-35-2	Toxaphene	3100	U
12674-11-2	Aroclor-1016	1600	U
11104-28-2	Aroclor-1221	1600	U
11141-16-5	Aroclor-1232	1600	U
53469-21-9	Aroclor-1242	1600	U
12672-29-6	Aroclor-1248	1600	U
11097-69-1	Aroclor-1254	3100	U
11096-82-5	Aroclor-1260	3100	U

00006

U.S. EPA - OLF

INORGANIC ANALYSES DATA SHEET

EPA SAMPLE ID: ITW4B

Lab Name: ITAS_PITTSBURGH Contract: FIRESTONE

Lab Code: ITPA Case No.: C3486 SAE No.: EOE No.: 002

Matrix (soil/water): SOIL Lab Sample ID: ITW4B

Level (low/med): LOW Date Received: 03/15/80

% Solids: 82.2

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

CAS No.	Analyte	Concentration	Q	M
17429-90-5	Aluminum			NR
17440-38-2	Arsenic	2.6	N	F
17440-39-3	Barium			NR
17440-41-7	Beryllium			NR
17440-43-9	Cadmium			NR
17440-70-2	Calcium			NR
17440-47-3	Chromium	19.3	*	IP
17440-48-4	Cobalt			NR
17440-50-8	Copper			NR
17439-89-6	Iron			NR
17439-92-1	Lead	88.8	*	IF
17439-95-4	Magnesium			NR
17439-96-5	Manganese			NR
17439-97-6	Mercury			NR
17440-02-0	Nickel			NR
17440-09-7	Potassium			NR
17440-22-4	Silver			NR
17440-23-5	Sodium			NR
17440-28-0	Thallium			NR
17440-62-2	Vanadium			NR
17440-66-6	Zinc			NR

Color Before: BROWN Clarity Before: Texture: MEDIUM

Color After: BROWN Clarity After: Artifacts: YES

Comments: ARTIFACTS: STONES

AR302913

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

00013
EPA SAMPLE NO.

Lab Name: IT PITTSBURGH Contract: _____

Lab Code: ITPA Case No.: 03486 SAS No.: _____ SDG No.: 002

Matrix: (soil/water) SOIL Lab Sample ID: ITW-4C

Sample wt/vol: 5.0 (g/mL) G Lab File ID: 2070220D

Level: (low/med) LOW Date Received: 02/15/90

% Moisture: not dec. 16 Date Analyzed: 02/20/90

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) <u>UG/KG</u>		Q
74-87-3	Chloromethane	12	U	
74-83-9	Bromomethane	12	U	
75-01-4	Vinyl Chloride	12	U	
75-00-3	Chloroethane	12	U	
75-09-2	Methylene Chloride	6	B	
67-64-1	Acetone	12	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	48	B	
71-55-6	1,1,1-Trichloroethane	6	U	
56-23-5	Carbon Tetrachloride	6	U	
108-05-4	Vinyl Acetate	12	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	
110-75-8	2-CHLOROETHYLVINYLEETHER	24 12	U	KLO 2/26
75-25-2	Bromoform	6	U	
108-10-1	4-Methyl-2-Pentanone	12	U	
591-78-6	2-Hexanone	12	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	Total Xylenes	6	U	
107-02-8	ACROLEIN	60 12	U	

AR302914

107-13-1-----ACRYLONITRILE

60 42

00014A
U

PESTICIDE ORGANICS ANALYSIS DATA SHEET

LAB SAMPLE NO. L
 ITW4C 000307

Lab Name: IT PITTSBURGH Contract: _____
 Code: ITPA Case No.: 03486 SAS No.: _____ SDG No.: 002
 Matrix: (soil/water) SOIL Lab Sample ID: Q00207005
 Sample wt/vol: 30.0 (g/mL) G Lab File ID: _____
 Level: (low/med) LOW Date Received: 02/15/90
 % Moisture: not dec. 16 dec. _____ Date Extracted: 02/21/90
 Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 02/24/90
 GPC Cleanup: (Y/N) Y pH: 6.7 Dilution Factor: 1.0

CAS NO. COMPOUND CONCENTRATION UNITS:
 (ug/L or ug/Kg) UG/KG Q

319-84-6	alpha-BHC	19	U
319-85-7	beta-BHC	19	U
319-86-8	delta-BHC	19	U
58-89-9	gamma-BHC (Lindane)	19	U
76-44-8	Heptachlor	19	U
309-00-2	Aldrin	19	U
1024-57-3	Heptachlor epoxide	19	U
959-98-8	Endosulfan I	19	U
60-57-1	Dieldrin	38	U
72-55-9	4,4'-DDE	38	U
72-20-8	Endrin	38	U
33213-65-9	Endosulfan II	38	U
72-54-8	4,4'-DDD	38	U
1031-07-8	Endosulfan sulfate	38	U
50-29-3	4,4'-DDT	38	U
72-43-5	Methoxychlor	190	U
53494-70-5	Endrin ketone	38	U
5103-71-9	alpha-Chlordane	190	U
5103-74-2	gamma-Chlordane	190	U
8001-35-2	Toxaphene	380	U
12674-11-2	Aroclor-1016	190	U
11104-28-2	Aroclor-1221	190	U
11141-16-5	Aroclor-1232	190	U
53469-21-9	Aroclor-1242	190	U
12672-29-6	Aroclor-1248	190	U
11097-69-1	Aroclor-1254	380	U
11096-82-5	Aroclor-1260	380	U

AR302916

U.S. EPA - CLP

INORGANIC ANALYSES DATA SHEET

EPA SAMPLE NO.

ITW4C

Lab Name: ITAS_PITTSBURGH Contract: FIRESTONE

Lab Code: ITPA Case No.: 08486 SAS No.: SDS No.: 002

Matrix (soil/water): SOIL Lab Sample ID: ITW4C

Level (low/med): LOW Date Received: 05/14/90

% Solids: 33.6

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

ICAS No.	Analyte	Concentration	CI	Q	IM
17429-90-5	Aluminum	15000			P
17440-38-2	Arsenic	0.47	B	N	F
17440-39-3	Barium	108		E	P
17440-41-7	Beryllium	1.7			P
17440-43-9	Cadmium	0.48	U		P
17440-70-2	Calcium	468	B	E	P
17440-47-3	Chromium	1.2	U	*	P
17440-48-4	Cobalt	5.3	B		P
17440-50-8	Copper	6.4			P
17439-89-6	Iron	13400			P
17439-92-1	Lead	8.3		S*	F
17439-95-4	Magnesium	2140		E	P
17439-96-5	Manganese	294		N	P
17439-97-6	Mercury	0.11	U		CV
17440-02-0	Nickel	2.5	B		P
17440-09-7	Potassium	4190			P
17440-22-4	Silver	0.72	U		P
17440-23-5	Sodium	81.4	B		P
17440-28-0	Thallium	0.24	U	W	F
17440-62-2	Vanadium	11.0	B		P
17440-66-6	Zinc	45.8		N*	P

Color Before: BROWN Clarity Before: Texture: MEDIUM

Color After: BROWN Clarity After: Artifacts: YES

Comments: ARTIFACTS: STONES

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

0015A
EPA SAMPLE NO.

ITW5A

Lab Name: IT PITTSBURGH Contract: _____

Lab Code: ITPA Case No.: 03486 SAS No.: _____ SDG No.: 005

Matrix: (soil/water) SOIL Lab Sample ID: ITW5A

Sample wt/vol: 5.0 (g/mL) G Lab File ID: 20602211

Level: (low/med) LOW Date Received: 02/17/90

% Moisture: not dec. 30 Date Analyzed: 02/22/90

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	14	U
74-83-9	-----Bromomethane	14	U
75-01-4	-----Vinyl Chloride	14	U
75-00-3	-----Chloroethane	14	U
75-09-2	-----Methylene Chloride	5	BJ
67-64-1	-----Acetone	14	U
75-15-0	-----Carbon Disulfide	7	U
75-35-4	-----1,1-Dichloroethene	7	U
75-34-3	-----1,1-Dichloroethane	7	U
540-59-0	-----1,2-Dichloroethene (total)	7	U
67-66-3	-----Chloroform	7	U
107-06-2	-----1,2-Dichloroethane	7	U
78-93-3	-----2-Butanone	14	U
71-55-6	-----1,1,1-Trichloroethane	7	U
56-23-5	-----Carbon Tetrachloride	7	U
108-05-4	-----Vinyl Acetate	14	U
75-27-4	-----Bromodichloromethane	7	U
78-87-5	-----1,2-Dichloropropane	7	U
10061-01-5	-----cis-1,3-Dichloropropene	7	U
79-01-6	-----Trichloroethene	7	U
124-48-1	-----Dibromochloromethane	7	U
79-00-5	-----1,1,2-Trichloroethane	7	U
71-43-2	-----Benzene	7	U
10061-02-6	-----Trans-1,3-Dichloropropene	7	U
110-75-8	-----2-CHLOROETHYLVINYLETHER	28 14	U
75-25-2	-----Bromoform	7	U
108-10-1	-----4-Methyl-2-Pentanone	14	U
591-78-6	-----2-Hexanone	14	U
127-18-4	-----Tetrachloroethene	7	U
79-34-5	-----1,1,2,2-Tetrachloroethane	7	U
108-88-3	-----Toluene	8	B
108-90-7	-----Chlorobenzene	7	U
100-41-4	-----Ethylbenzene	7	U
100-42-5	-----Styrene	7	U
1330-20-7	-----Total Xylenes	5	BJ
107-02-8	-----ACROLEIN	70 14	U

KW
3/5/90

107-13-1-----ACRYLONITRILE

70-14 U 0016A

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

0084
EPA SAMPLE NO.

Lab Name: IT PITTSBURGH Contract: _____

Lab Code: ITPA Case No.: 03486 SAS No.: _____ SDG No.: 021

Matrix: (soil/water) SOIL Lab Sample ID: ITW-5A

Sample wt/vol: 30.0 (g/mL) G Lab File ID: 5040327D

Level: (low/med) LOW Date Received: 03/07/90

% Moisture: not dec. 25 dec. _____ Date Extracted: 03/15/90

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 03/27/90

GPC Cleanup: (Y/N) Y pH: _____ Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) <u>UG/KG</u>	<u>Q</u>
108-95-2	Phenol	880	U
111-44-4	bis(2-Chloroethyl) Ether	880	U
95-57-8	2-Chlorophenol	880	U
541-73-1	1,3-Dichlorobenzene	880	U
106-46-7	1,4-Dichlorobenzene	880	U
100-51-6	Benzyl Alcohol	880	U
95-50-1	1,2-Dichlorobenzene	880	U
95-48-7	2-Methylphenol	880	U
108-60-1	bis(2-Chloroisopropyl) Ether	880	U
106-44-5	4-Methylphenol	880	U
621-64-7	N-Nitroso-Di-n-Propylamine	880	U
67-72-1	Hexachloroethane	880	U
98-95-3	Nitrobenzene	880	U
78-59-1	Isophorone	880	U
88-75-5	2-Nitrophenol	880	U
105-67-9	2,4-Dimethylphenol	880	U
65-85-0	Benzoic Acid	4300	U
111-91-1	bis(2-Chloroethoxy) Methane	880	U
120-83-2	2,4-Dichlorophenol	880	U
120-82-1	1,2,4-Trichlorobenzene	880	U
91-20-3	Naphthalene	880	U
106-47-8	4-Chloroaniline	880	U
87-68-3	Hexachlorobutadiene	880	U
59-50-7	4-Chloro-3-Methylphenol	880	U
91-57-6	2-Methylnaphthalene	880	U
77-47-4	Hexachlorocyclopentadiene	880	U
88-06-2	2,4,6-Trichlorophenol	880	U
95-95-4	2,4,5-Trichlorophenol	4300	U
91-58-7	2-Chloronaphthalene	880	U
88-74-4	2-Nitroaniline	4300	U
131-11-3	Dimethyl Phthalate	880	U
208-96-8	Acenaphthylene	880	U
606-20-2	2,6-Dinitrotoluene	880	U

1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

ITW-5A

Lab Name: IT PITTSBURGH Contract: _____

Lab Code: ITPA Case No.: 03486 SAS No.: _____ SDG No.: 021

Matrix: (soil/water) SOIL Lab Sample ID: ITW-5A

Sample wt/vol: 30.0 (g/mL) G Lab File ID: 5040327D

Level: (low/med) LOW Date Received: 03/07/90

% Moisture: not dec. 25 dec. _____ Date Extracted: 03/15/90

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 03/27/90

GPC Cleanup: (Y/N) Y pH: _____ Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) <u>UG/KG</u>	Q
99-09-2	3-Nitroaniline	4300	U
83-32-9	Acenaphthene	880	U
51-28-5	2,4-Dinitrophenol	4300	U
100-02-7	4-Nitrophenol	4300	U
132-64-9	Dibenzofuran	880	U
121-14-2	2,4-Dinitrotoluene	880	U
84-66-2	Diethylphthalate	880	U
7005-72-3	4-Chlorophenyl-phenylether	880	U
86-73-7	Fluorene	880	U
100-01-6	4-Nitroaniline	4300	U
534-52-1	4,6-Dinitro-2-Methylphenol	4300	U
86-30-6	N-Nitrosodiphenylamine (1)	880	U
101-55-3	4-Bromophenyl-phenylether	880	U
118-74-1	Hexachlorobenzene	880	U
87-86-5	Pentachlorophenol	4300	U
85-01-8	Phenanthrene	880	U
120-12-7	Anthracene	880	U
84-74-2	Di-n-Butylphthalate	880	U
206-44-0	Fluoranthene	880	U
129-00-0	Pyrene	880	U
85-68-7	Butylbenzylphthalate	880	U
91-94-1	3,3'-Dichlorobenzidine	1800	U
56-55-3	Benzo(a)Anthracene	880	U
218-01-9	Chrysene	880	U
117-81-7	bis(2-Ethylhexyl)Phthalate	100	J
117-84-0	Di-n-Octyl Phthalate	880	U
205-99-2	Benzo(b)Fluoranthene	880	U
207-08-9	Benzo(k)Fluoranthene	880	U
50-32-8	Benzo(a)Pyrene	880	U
193-39-5	Indeno(1,2,3-cd)Pyrene	880	U
53-70-3	Dibenz(a,h)Anthracene	880	U
191-24-2	Benzo(g,h,i)Perylene	880	U

(1) - Cannot be separated from Diphenylamine

1D
PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

0025A

ITW5A

Lab Name: IT PITTSBURGH Contract: _____

Lab Code: ITPA Case No.: 03486 SAS No.: _____ SDG No.: 005

Matrix: (soil/water) SOIL Lab Sample ID: Q00209201

Sample wt/vol: 30.0 (g/mL) G Lab File ID: _____

Level: (low/med) LOW Date Received: 02/17/90

% Moisture: not dec. 27 dec. _____ Date Extracted: 02/21/90

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 02/25/90

GPC Cleanup: (Y/N) Y pH: 4.5 Dilution Factor: 1.0

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/KG Q

CAS NO.	COMPOUND	(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	44		U
72-55-9	4,4'-DDE	44		U
72-20-8	Endrin	44		U
33213-65-9	Endosulfan II	44		U
72-54-8	4,4'-DDD	44		U
1031-07-8	Endosulfan sulfate	44		U
50-29-3	4,4'-DDT	44		U
72-43-5	Methoxychlor	220		U
53494-70-5	Endrin ketone	44		U
5103-71-9	alpha-Chlordane	220		U
5103-74-2	gamma-Chlordane	220		U
8001-35-2	Toxaphene	440		U
12674-11-2	Aroclor-1016	220		U
11104-28-2	Aroclor-1221	220		U
11141-16-5	Aroclor-1232	220		U
53469-21-9	Aroclor-1242	220		U
12672-29-6	Aroclor-1248	220		U
11097-69-1	Aroclor-1254	440		U
11096-82-5	Aroclor-1260	440		U

AR302922

1
INORGANIC ANALYSES DATA SHEET

EPA SAMPLE NO.

ITW5A

Lab Name: ITAS_PITTSBURGH Contract: FIRESTONE

Lab Code: ITPA Case No.: 00486 CAS No.: EDG No.: 005

Matrix: (soil/water): EDIL Lab Sample ID: ITW5A

Level: (low/med): LOW Date Received: 02/10/90

% Solids: 72.8

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

ICAS No.	Analyte	Concentration	CI	Q	M
7429-90-5	Aluminum	4920			P
7440-39-2	Arsenic	1.4	B	N	F
7440-39-3	Barium	36.4	B		P
7440-41-7	Beryllium	0.41	B		P
7440-43-9	Cadmium	0.54	U	N	P
7440-70-2	Calcium	193	B		P
7440-47-3	Chromium	2.7	B		P
7440-48-4	Cobalt	3.0	B		P
7440-50-8	Copper	8.2			P
7439-89-6	Iron	12600			P
7439-92-1	Lead	6.6		SN	F
7439-95-4	Magnesium	372	B		P
7439-96-5	Manganese	185			P
7439-97-6	Mercury	0.12	U		CV
7440-02-0	Nickel	2.3	B		P
7440-09-7	Potassium	561	B	E	P
7440-22-4	Silver	0.82	U		P
7440-23-5	Sodium	59.0	B		P
7440-28-0	Thallium	0.54	U	W	F
7440-62-2	Vanadium	22.3		E	P
7440-66-6	Zinc	14.8			P

Color Before: BROWN Clarity Before: Texture: MEDIUM

Color After: BROWN Clarity After: Artifacts: YES

Comments:
ARTIFACTS: STONES, ROOTS

0017A

EPA SAMPLE NO.

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: IT PITTSBURGH

Contract: _____

ITW5B

Lab Code: ITPACase No.: 03486

SAS No.: _____

SDG No.: 005Matrix: (soil/water) SOILLab Sample ID: ITW5BSample wt/vol: 4.9 (g/mL) GLab File ID: 2070221MLevel: (low/med) LOWDate Received: 02/17/90% Moisture: not dec. 9Date Analyzed: 02/22/90Column: (pack/cap) PACKDilution Factor: 1.00

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	4	BJ
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
110-75-8	-----2-CHLOROETHYL VINYL ETHER	11	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	11	B
108-90-7	-----Chlorobenzene	6	U
100-41-4	-----Ethylbenzene	3	BJ
100-42-5	-----Styrene	6	U
1330-20-7	-----Total Xylenes	18	B
107-02-8	-----ACROLEIN	11	U

EMF
3/7/90

FORM I VOA

1/97 Rev.

AR302924

1D
PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

0026A

ITW5B

Lab Name: IT PITTSBURGH

Contract: _____

Code: ITPA

Case No.: 03486

SAS No.: _____

SDG No.: 005

Matrix: (soil/water) SOIL

Lab Sample ID: Q00209202

Sample wt/vol: 30.0 (g/mL) G

Lab File ID: _____

Level: (low/med) LOW

Date Received: 02/17/90

% Moisture: not dec. 9 dec. _____

Date Extracted: 02/21/90

Extraction: (SepF/Cont/Sonc) SONC

Date Analyzed: 02/25/90

GPC Cleanup: (Y/N) Y pH: 5.7

Dilution Factor: 1.0

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

CAS NO. COMPOUND Q

319-84-6	alpha-BHC	18	U
319-85-7	beta-BHC	18	U
319-86-8	delta-BHC	18	U
58-89-9	gamma-BHC (Lindane)	18	U
76-44-8	Heptachlor	18	U
309-00-2	Aldrin	18	U
1024-57-3	Heptachlor epoxide	18	U
959-98-8	Endosulfan I	18	U
60-57-1	Dieldrin	35	U
72-55-9	4,4'-DDE	35	U
72-20-8	Endrin	35	U
33213-65-9	Endosulfan II	35	U
72-54-8	4,4'-DDD	35	U
1031-07-8	Endosulfan sulfate	35	U
50-29-3	4,4'-DDT	35	U
72-43-5	Methoxychlor	180	U
53494-70-5	Endrin ketone	35	U
5103-71-9	alpha-Chlordane	180	U
5103-74-2	gamma-Chlordane	180	U
8001-35-2	Toxaphene	350	U
12674-11-2	Aroclor-1016	180	U
11104-28-2	Aroclor-1221	180	U
11141-16-5	Aroclor-1232	180	U
53469-21-9	Aroclor-1242	180	U
12672-29-6	Aroclor-1248	180	U
11097-69-1	Aroclor-1254	350	U
11096-82-5	Aroclor-1260	350	U

INORGANIC ANALYSES DATA SHEET

ITPA SAMPLE NO.

ITW58

Lab Name: ITAS_PITTSBURGH Contract: FIRESTONE

Lab Code: ITPA Case No.: 00486 SAS No.: ETO No.: 01E

Matrix (soil/water): SCIL Lab Sample ID: ITW58

Level (low/hed): LOW Date Received: 02/10/70

% Solids: 91.0

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

CAS No.	Analyte	Concentration	Cl	Q	M
7429-90-5	Aluminum				NR
7440-39-2	Arsenic	0.44	U	WN	F
7440-39-3	Barium				NR
7440-41-7	Beryllium				NR
7440-43-9	Cadmium				NR
7440-70-2	Calcium				NR
7440-47-3	Chromium	5.2			F
7440-48-4	Cobalt				NR
7440-50-8	Copper				NR
7439-89-6	Iron				NR
7439-92-1	Lead	33.7		N	F
7439-95-4	Magnesium				NR
7439-96-5	Manganese				NR
7439-97-6	Mercury				NR
7440-02-0	Nickel				NR
7440-09-7	Potassium				NR
7440-22-4	Silver				NR
7440-23-5	Sodium				NR
7440-28-0	Thallium				NR
7440-62-2	Vanadium				NR
7440-66-6	Zinc				NR

Color Before: BROWN Clarity Before: Texture: 150 L

Color After: BROWN Clarity After: Artifacts: YES

Comments: ARTIFACTS: STONES

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

0018A
EPA SAMPLE NO.

ITW5C

Lab Name: IT PITTSBURGH Contract: _____

Lab Code: ITPA Case No.: 03486 SAS No.: _____ SDG No.: 005

Matrix: (soil/water) SOIL Lab Sample ID: ITW5C

Sample wt/vol: 5.0 (g/mL) G Lab File ID: 2030221M

Level: (low/med) LOW Date Received: 02/17/90

% Moisture: not dec. 17 Date Analyzed: 02/22/90

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) <u>UG/KG</u>	Q
74-87-3	-----Chloromethane	12	U
74-83-9	-----Bromomethane	12	U
75-01-4	-----Vinyl Chloride	12	U
75-00-3	-----Chloroethane	12	U
75-09-2	-----Methylene Chloride	5	BJ
67-64-1	-----Acetone	45	
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	110	B
71-55-6	-----1,1,1-Trichloroethane	6	U
56-23-5	-----Carbon Tetrachloride	6	U
108-05-4	-----Vinyl Acetate	12	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
110-75-8	-----2-CHLOROETHYLVINYLETHER	24 12	U
75-25-2	-----Bromoform	6	U
108-10-1	-----4-Methyl-2-Pentanone	200	
591-78-6	-----2-Hexanone	12	U
127-18-4	-----Tetrachloroethene	6	U
79-34-5	-----1,1,2,2-Tetrachloroethane	6	U
108-88-3	-----Toluene	8	B
108-90-7	-----Chlorobenzene	6	U
100-41-4	-----Ethylbenzene	4	BJ
100-42-5	-----Styrene	6	U
1330-20-7	-----Total Xylenes	20	B
107-02-8	-----ACROLEIN	60 12	U

K-0
3/8/90

AR302927

107-13-1-----ACRYLONITRILE

6012 0019A

FORM I VOA

1/87 Rev.

AR302928

PESTICIDE ORGANICS ANALYSIS DATA SHEET

ITW5C

0027A

Lab Name: IT PITTSBURGH Contract: _____
 Lab Code: ITPA Case No.: 03486 SAS No.: _____ SDG No.: 005
 Matrix: (soil/water) SOIL Lab Sample ID: Q00209203
 Sample wt/vol: 30.1 (g/mL) G Lab File ID: _____
 Level: (low/med) LOW Date Received: 02/17/90
 % Moisture: not dec. 28 dec. _____ Date Extracted: 02/21/90
 Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 02/25/90
 GPC Cleanup: (Y/N) Y pH: 3.8 Dilution Factor: 1.0

CONCENTRATION UNITS:

CAS NO. COMPOUND (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	44	U
72-55-9	4,4'-DDE	44	U
72-20-8	Endrin	44	U
33213-65-9	Endosulfan II	44	U
72-54-8	4,4'-DDD	44	U
1031-07-8	Endosulfan sulfate	44	U
50-29-3	4,4'-DDT	44	U
72-43-5	Methoxychlor	220	U
53494-70-5	Endrin ketone	44	U
5103-71-9	alpha-Chlordane	220	U
5103-74-2	gamma-Chlordane	220	U
8001-35-2	Toxaphene	440	U
12674-11-2	Aroclor-1016	220	U
11104-28-2	Aroclor-1221	220	U
11141-16-5	Aroclor-1232	220	U
53469-21-9	Aroclor-1242	220	U
12672-29-6	Aroclor-1248	220	U
11097-69-1	Aroclor-1254	440	U
11096-82-5	Aroclor-1260	440	U

AR302929

U.S. EPA - CLP

INORGANIC ANALYSES DATA SHEET

EPA SAMPLE NO.

ITW50

Lab Name: ITAS PITTSBURGH Contract: FIRESTONE

Lab Code: ITPA Case No.: 00406 SPS No.: SPS No.: 005

Matrix (soil/water): SOIL Lab Sample ID: ITW50

Level (low/med): LOW Date Received: 03.17.00

Moisture: 71.6

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

CAS No.	Analyte	Concentration	CI	Q	IM
17439-90-5	Aluminum	29500			P
17440-36-2	Arsenic	1.9	B	N	F
17440-39-3	Barium	42.4	B		P
17440-41-7	Beryllium	3.9			P
17440-43-9	Cadmium	0.56	U	N	P
17440-70-2	Calcium	761	B		P
17440-47-3	Chromium	3.3			P
17440-48-4	Cobalt	102			P
17440-50-8	Copper	44.3			P
17439-99-6	Iron	40700			P
17439-92-1	Lead	8.9		SN	F
17439-95-4	Magnesium	987	B		P
17439-96-5	Manganese	767			P
17439-97-6	Mercury	0.12	U		CV
17440-02-0	Nickel	22.4			P
17440-09-7	Potassium	402	B	E	P
17440-22-4	Silver	0.84	U		P
17440-23-5	Sodium	172	B		P
17440-28-0	Thallium	0.54	U	W	F
17440-62-2	Vanadium	219		E	P
17440-66-6	Zinc	104			P

Color Before: BROWN Clarity Before: Texture: MEDIUM

Color After: BROWN Clarity After: Artifacts: YES

Comments:
 ARTIFACTS: STONES

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

ITW6A

Lab Name: IT PITTSBURGH Contract: _____
 Lab Code: ITPA Case No.: 03486 SAS No.: _____ SDG No.: 008
 Matrix: (soil/water) SOIL Lab Sample ID: ITW6A
 Sample wt/vol: 5.0 (g/mL) G Lab File ID: 2100223D
 Level: (low/med) LOW Date Received: 02/21/90
 % Moisture: not dec. 17 Date Analyzed: 02/23/90
 Column: (pack/cap) PACK Dilution Factor: 1.0

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) <u>UG/KG</u>	Q
74-87-3	Chloromethane	12	U
74-83-9	Bromomethane	12	U
75-01-4	Vinyl Chloride	12	U
75-00-3	Chloroethane	12	U
75-09-2	Methylene Chloride	8	B
67-64-1	Acetone	12	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	12	U
71-55-6	1,1,1-Trichloroethane	6	U
56-23-5	Carbon Tetrachloride	6	U
108-05-4	Vinyl Acetate	12	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
110-75-8	2-CHLOROETHYLVINYLETHER	24 12	U
75-25-2	Bromoform	6	U
108-10-1	4-Methyl-2-Pentanone	12	U
591-78-6	2-Hexanone	12	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	Total Xylenes	6	U
107-02-8	ACROLEIN	60 12	U

K-2
3/4s

107-13-1-----ACRYLONITRILE

60 ~~12~~

0004A

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

ITW6A

Lab Name: IT PITTSBURGH Contract: _____
 Lab Code: ITPA Case No.: 03486 SAS No.: _____ SDG No.: 019
 Matrix: (soil/water) SOIL Lab Sample ID: ITW6A
 Sample wt/vol: 30.0 (g/mL) G Lab File ID: 4090306D
 Level: (low/med) LOW Date Received: 02/21/90
 % Moisture: not dec. 17 dec. _____ Date Extracted: 03/02/90
 Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 03/06/90
 GPC Cleanup: (Y/N) Y pH: _____ Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) <u>UG/KG</u>	Q
108-95-2	Phenol	800	U
111-44-4	bis(2-Chloroethyl) Ether	800	U
95-57-8	2-Chlorophenol	800	U
541-73-1	1,3-Dichlorobenzene	800	U
106-46-7	1,4-Dichlorobenzene	800	U
100-51-6	Benzyl Alcohol	800	U
95-50-1	1,2-Dichlorobenzene	800	U
95-48-7	2-Methylphenol	800	U
108-60-1	bis(2-Chloroisopropyl) Ether	800	U
106-44-5	4-Methylphenol	800	U
621-64-7	N-Nitroso-Di-n-Propylamine	800	U
67-72-1	Hexachloroethane	800	U
98-95-3	Nitrobenzene	800	U
78-59-1	Isophorone	800	U
88-75-5	2-Nitrophenol	800	U
105-67-9	2,4-Dimethylphenol	800	U
65-85-0	Benzoic Acid	3900	U
111-91-1	bis(2-Chloroethoxy) Methane	800	U
120-83-2	2,4-Dichlorophenol	800	U
120-82-1	1,2,4-Trichlorobenzene	800	U
91-20-3	Naphthalene	800	U
106-47-8	4-Chloroaniline	800	U
87-68-3	Hexachlorobutadiene	800	U
59-50-7	4-Chloro-3-Methylphenol	800	U
91-57-6	2-Methylnaphthalene	800	U
77-47-4	Hexachlorocyclopentadiene	800	U
88-06-2	2,4,6-Trichlorophenol	800	U
95-95-4	2,4,5-Trichlorophenol	3900	U
91-58-7	2-Chloronaphthalene	800	U
88-74-4	2-Nitroaniline	3900	U
131-11-3	Dimethyl Phthalate	800	U
208-96-8	Acenaphthylené	800	U
606-20-2	2,6-Dinitrotoluene	800	U

1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

0004A
EPA SAMPLE NO.

ITW6A

Lab Name: IT PITTSBURGH Contract: _____

Lab Code: ITPA Case No.: 03486 SAS No.: _____ SDG No.: 019

Matrix: (soil/water) SOIL Lab Sample ID: ITW6A

Sample wt/vol: 30.0 (g/mL) G Lab File ID: 4090306D

Level: (low/med) LOW Date Received: 02/21/90

% Moisture: not dec. 17 dec. _____ Date Extracted: 03/02/90

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 03/06/90

GPC Cleanup: (Y/N) Y pH: _____ Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) <u>UG/KG</u>	<u>Q</u>
99-09-2	3-Nitroaniline	3900	U
83-32-9	Acenaphthene	800	U
51-28-5	2,4-Dinitrophenol	3900	U
100-02-7	4-Nitrophenol	3900	U
132-64-9	Dibenzofuran	800	U
121-14-2	2,4-Dinitrotoluene	800	U
84-66-2	Diethylphthalate	800	U
7005-72-3	4-Chlorophenyl-phenylether	800	U
86-73-7	Fluorene	800	U
100-01-6	4-Nitroaniline	3900	U
534-52-1	4,6-Dinitro-2-Methylphenol	3900	U
86-30-6	N-Nitrosodiphenylamine (1)	800	U
101-55-3	4-Bromophenyl-phenylether	800	U
118-74-1	Hexachlorobenzene	800	U
87-86-5	Pentachlorophenol	3900	U
85-01-8	Phenanthrene	490	J
120-12-7	Anthracene	82	J
84-74-2	Di-n-Butylphthalate	800	U
206-44-0	Fluoranthene	790	J
129-00-0	Pyrene	960	
85-68-7	Butylbenzylphthalate	800	U
91-94-1	3,3'-Dichlorobenzidine	1600	U
56-55-3	Benzo(a)Anthracene	450	J
218-01-9	Chrysene	450	J
117-81-7	bis(2-Ethylhexyl)Phthalate	370	BJ
117-84-0	Di-n-Octyl Phthalate	800	U
205-99-2	Benzo(b)Fluoranthene	370	J
207-08-9	Benzo(k)Fluoranthene	380	J
50-32-8	Benzo(a)Pyrene	340	J
193-39-5	Indeno(1,2,3-cd)Pyrene	320	J
53-70-3	Dibenz(a,h)Anthracene	800	U
191-24-2	Benzo(g,h,i)Perylene	420	J

(1) - Cannot be separated from Diphenylamine

1D
PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

ITW6A

Job Name: IT PITTSBURGH

Contract: _____

Job Code: ITPA

Case No.: 03486

SAS No.: _____

SDG No.: 008

Matrix: (soil/water) SOIL

Lab Sample ID: Q00210401

Sample wt/vol: 30.0 (g/mL) G

Lab File ID: _____

Level: (low/med) LOW

Date Received: 02/21/90

% Moisture: not dec. 20 dec. _____

Date Extracted: 03/03/90

Extraction: (SepF/Cont/Sonc) SONC

Date Analyzed: 03/14/90

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

Dilution Factor: 4.00

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/KG

Q

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) <u>UG/KG</u>	Q
319-84-6	alpha-BHC	80	U
319-85-7	beta-BHC	80	U
319-86-8	delta-BHC	80	U
58-89-9	gamma-BHC (Lindane)	80	U
76-44-8	Heptachlor	80	U
309-00-2	Aldrin	80	U
1024-57-3	Heptachlor epoxide	80	U
959-98-8	Endosulfan I	80	U
60-57-1	Dieldrin	160	U
72-55-9	4,4'-DDE	160	U
72-20-8	Endrin	160	U
33213-65-9	Endosulfan II	160	U
72-54-8	4,4'-DDD	160	U
1031-07-8	Endosulfan sulfate	160	U
50-29-3	4,4'-DDT	160	U
72-43-5	Methoxychlor	800	U
53494-70-5	Endrin ketone	160	U
5103-71-9	alpha-Chlordane	800	U
5103-74-2	gamma-Chlordane	800	U
8001-35-2	Toxaphene	1600	U
12674-11-2	Aroclor-1016	800	U
11104-28-2	Aroclor-1221	800	U
11141-16-5	Aroclor-1232	800	U
53469-21-9	Aroclor-1242	800	U
12672-29-6	Aroclor-1248	800	U
11097-69-1	Aroclor-1254	1600	U
11096-82-5	Aroclor-1260	1600	U

U.S. EPA - CLP

1
INORGANIC ANALYSED DATA SHEET

EPA SAMPLE NO.

ITW6A

Lab Name: ITAS_PITTSBURGH Contract: FIRESTONE

Lab Code: ITP Case No.: 02486 SAS No.: EDG No.: 008

Matrix (soil/water): SOIL Lab Sample ID: ITW6A

Level (low/hed): LCW Date Received: 02/21/90

% Solids: 79.8

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

CAS No.	Analyte	Concentration	CI	Q	IM
7429-90-5	Aluminum	6210			P
7440-38-2	Arsenic	2.7		N	F
7440-39-3	Barium	36.5	B		P
7440-41-7	Beryllium	1.1	B		P
7440-43-9	Cadmium	1.3			P
7440-70-2	Calcium	15000			P
7440-47-3	Chromium	27.1			P
7440-48-4	Cobalt	21.3		*	F
7440-50-8	Copper	18.5		*	P
7439-89-6	Iron	15700		*	F
7439-92-1	Lead	70.0			F
7439-95-4	Magnesium	32000			P
7439-96-5	Manganese	390		N*	P
7439-97-6	Mercury	0.11	U		CV
7440-02-0	Nickel	296			P
7440-09-7	Potassium	639	B	E	P
7440-22-4	Silver	1.7	B		P
7440-23-5	Sodium	74.8	B		P
7440-29-0	Thallium	0.25	U		F
7440-62-2	Vanadium	28.6		*	P
7440-66-8	Zinc	55.6		E*	P

Color Before: BROWN Clarity Before: Texture: MEDIUM

Color After: BROWN Clarity After: Artifacts: YES

Comments:

ARTIFACTS: GRASS, STONES

00054

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

ITW6B

Lab Name: IT PITTSBURGH Contract: _____

Lab Code: ITPA Case No.: 03486 SAS No.: _____ SDG No.: 008

Matrix: (soil/water) SOIL Lab Sample ID: ITW6B

Sample wt/vol: 5.2 (g/mL) G Lab File ID: 2030223D

Level: (low/med) LOW Date Received: 02/21/90

% Moisture: not dec. 14 Date Analyzed: 02/23/90

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) <u>UG/KG</u>	<u>Q</u>
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	BJ
67-64-1	-----Acetone	54	B
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	25	B
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
110-75-8	-----2-CHLOROETHYLVINYLETHER	22	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	-----Total Xylenes	6	U
107-02-8	-----ACROLEIN	55	U

KD
3/6/9

107-13-1-----ACRYLONITRILE

SS ~~11~~ U

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

ITW6B

Lab Name: IT PITTSBURGH Contract: _____

Lab Code: ITPA Case No.: 03486 SAS No.: _____ SDG No.: 019

Matrix: (soil/water) SOIL Lab Sample ID: ITW6B

Sample wt/vol: 30.0 (g/mL) G Lab File ID: 4070306D

Level: (low/med) LOW Date Received: 02/21/90

% Moisture: not dec. 14 dec. _____ Date Extracted: 03/02/90

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 03/06/90

GPC Cleanup: (Y/N) Y pH: _____ Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) <u>UG/KG</u>	Q
108-95-2	Phenol	770	U
111-44-4	bis(2-Chloroethyl) Ether	770	U
95-57-8	2-Chlorophenol	770	U
541-73-1	1,3-Dichlorobenzene	870	
106-46-7	1,4-Dichlorobenzene	640	J
100-51-6	Benzyl Alcohol	770	U
95-50-1	1,2-Dichlorobenzene	770	U
95-48-7	2-Methylphenol	770	U
108-60-1	bis(2-Chloroisopropyl) Ether	770	U
106-44-5	4-Methylphenol	770	U
621-64-7	N-Nitroso-Di-n-Propylamine	770	U
67-72-1	Hexachloroethane	770	U
98-95-3	Nitrobenzene	770	U
78-59-1	Isophorone	770	U
88-75-5	2-Nitrophenol	770	U
105-67-9	2,4-Dimethylphenol	770	U
65-85-0	Benzoic Acid	400	J
111-91-1	bis(2-Chloroethoxy) Methane	770	U
120-83-2	2,4-Dichlorophenol	770	U
120-82-1	1,2,4-Trichlorobenzene	770	U
91-20-3	Naphthalene	770	U
106-47-8	4-Chloroaniline	770	U
87-68-3	Hexachlorobutadiene	770	U
59-50-7	4-Chloro-3-Methylphenol	770	U
91-57-6	2-Methylnaphthalene	770	U
77-47-4	Hexachlorocyclopentadiene	770	U
88-06-2	2,4,6-Trichlorophenol	770	U
95-95-4	2,4,5-Trichlorophenol	3700	U
91-58-7	2-Chloronaphthalene	770	U
88-74-4	2-Nitroaniline	3700	U
131-11-3	Dimethyl Phthalate	770	U
208-96-8	Acenaphthylene	770	U
606-20-2	2,6-Dinitrotoluene	770	U

1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

ITW6B

Lab Name: IT PITTSBURGH Contract: _____

Lab Code: ITPA Case No.: 03486 SAS No.: _____ SDG No.: 019

Matrix: (soil/water) SOIL Lab Sample ID: ITW6B

Sample wt/vol: 30.0 (g/mL) G Lab File ID: 4070306D

Level: (low/med) LOW Date Received: 02/21/90

% Moisture: not dec. 14 dec. _____ Date Extracted: 03/02/90

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 03/06/90

GPC Cleanup: (Y/N) Y pH: _____ Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) <u>UG/KG</u>	Q
99-09-2	3-Nitroaniline	3700	U
83-32-9	Acenaphthene	770	U
51-28-5	2,4-Dinitrophenol	3700	U
100-02-7	4-Nitrophenol	3700	U
132-64-9	Dibenzofuran	770	U
121-14-2	2,4-Dinitrotoluene	770	U
84-66-2	Diethylphthalate	770	U
7005-72-3	4-Chlorophenyl-phenylether	770	U
86-73-7	Fluorene	770	U
100-01-6	4-Nitroaniline	3700	U
534-52-1	4,6-Dinitro-2-Methylphenol	3700	U
86-30-6	N-Nitrosodiphenylamine (1)	770	U
101-55-3	4-Bromophenyl-phenylether	770	U
118-74-1	Hexachlorobenzene	770	U
87-86-5	Pentachlorophenol	3700	U
85-01-8	Phenanthrene	770	U
120-12-7	Anthracene	770	U
84-74-2	Di-n-Butylphthalate	190	J
206-44-0	Fluoranthene	770	U
129-00-0	Pyrene	770	U
85-68-7	Butylbenzylphthalate	120	J
91-94-1	3,3'-Dichlorobenzidine	1500	U
56-55-3	Benzo(a)Anthracene	770	U
218-01-9	Chrysene	770	U
117-81-7	bis(2-Ethylhexyl)Phthalate	5000	B
117-84-0	Di-n-Octyl Phthalate	670	J
205-99-2	Benzo(b)Fluoranthene	770	U
207-08-9	Benzo(k)Fluoranthene	770	U
50-32-8	Benzo(a)Pyrene	770	U
193-39-5	Indeno(1,2,3-cd)Pyrene	770	U
53-70-3	Dibenz(a,h)Anthracene	770	U
191-24-2	Benzo(g,h,i)Perylene	770	U

(1) - Cannot be separated from Diphenylamine

1D
PESTICIDE ORGANICS ANALYSIS DATA SHEET

0014A
EPA SAMPLE NO.

ITW6B

Lab Name: IT PITTSBURGH Contract: _____
 Code: ITPA Case No.: C3486 SAS No.: _____ SDG No.: 003
 Matrix: (soil/water) SOIL Lab Sample ID: C00210405
 Sample wt/vol: 20.1 (g/mL) G Lab File ID: _____
 Level: (low/med) LOW Date Received: 02/21/90
 % Moisture: not dec. 16 dec. _____ Date Extracted: 03/03/90
 Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 03/14/90
 GPC Cleanup: (Y/N) Y pH: 7.2 Dilution Factor: 1.00

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

CAS NO. COMPOUND 2

319-84-6	alpha-BHC	19	U
319-85-7	beta-BHC	19	U
319-86-8	delta-BHC	19	U
58-89-9	gamma-BHC (Lindane)	19	U
76-44-8	Heptachlor	19	U
309-00-2	Aldrin	19	U
1024-57-3	Heptachlor epoxide	19	U
959-98-8	Endosulfan I	19	U
60-57-1	Dieldrin	38	U
72-55-9	4,4'-DDE	38	U
72-20-8	Endrin	38	U
33213-65-9	Endosulfan II	38	U
72-54-8	4,4'-DDD	38	U
1031-07-8	Endosulfan sulfate	38	U
50-29-3	4,4'-DDT	38	U
72-43-5	Methoxychlor	190	U
53494-70-5	Endrin ketone	38	U
5103-71-9	alpha-Chlordane	190	U
5103-74-2	gamma-Chlordane	190	U
8001-35-2	Toxaphene	380	U
12674-11-2	Aroclor-1016	190	U
11104-28-2	Aroclor-1221	190	U
11141-16-5	Aroclor-1232	190	U
53469-21-9	Aroclor-1242	190	U
12672-29-6	Aroclor-1248	190	U
11097-69-1	Aroclor-1254	380	U
11096-82-5	Aroclor-1260	380	U

U.S. EPA - CLP

INORGANIC ANALYTES DATA SHEET

EPA SAMPLE NO.

ITW68

Lab Name: ITAS_PITTSBURGH _____ Contractor: FIRESTONE _____

Lab Code: ITFA _____ Case No.: 03486 _____ CAS No.: _____ CDO No.: 008 _____

Matrix (soil/water): SOIL _____ Lab Sample ID: ITW68 _____

Level (low/med): LOW _____ Date Received: 02/21/90 _____

% Solids: 88.9

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

ICAS No.	Analyte	Concentration	C	Q	M
17429-90-5	Aluminum				NR
17440-38-2	Arsenic	0.95	B	N	F
17440-39-3	Barium				NR
17440-41-7	Beryllium				NR
17440-43-9	Cadmium				NR
17440-70-2	Calcium				NR
17440-47-3	Chromium	7.3			P
17440-48-4	Cobalt				NR
17440-50-8	Copper				NR
17439-89-6	Iron				NR
17439-92-1	Lead	20.7		S	F
17439-95-4	Magnesium				NR
17439-96-5	Manganese				NR
17439-97-6	Mercury				NR
17440-02-0	Nickel				NR
17440-09-7	Potassium				NR
17440-22-4	Silver				NR
17440-23-5	Sodium				NR
17440-28-0	Thallium				NR
17440-62-2	Vanadium				NR
17440-66-6	Zinc				NR

Color Before: BROWN _____ Clarity Before: _____ Texture: MEDIUM
Color After: BROWN _____ Clarity After: _____ Artifacts: YES _____

Comments:
ARTIFACTS: STONES _____

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

0007A
EPA SAMPLE NO.

ITW6C

Lab Name: IT PITTSBURGH Contract: _____

Lab Code: ITPA Case No.: 03486 SAS No.: _____ SDG No.: 008

Matrix: (soil/water) SOIL Lab Sample ID: ITW6C

Sample wt/vol: 4.9 (g/mL) G Lab File ID: 2070223D

Level: (low/med) LOW Date Received: 02/21/90

% Moisture: not dec. 26 Date Analyzed: 02/23/90

Column: (pack/cap) PACK Dilution Factor: 1.00

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) <u>UG/KG</u>	Q
74-87-3	-----Chloromethane	14	U
74-83-9	-----Bromomethane	14	U
75-01-4	-----Vinyl Chloride	14	U
75-00-3	-----Chloroethane	14	U
75-09-2	-----Methylene Chloride	7	B
67-64-1	-----Acetone	14	B
75-15-0	-----Carbon Disulfide	7	U
75-35-4	-----1,1-Dichloroethene	7	U
75-34-3	-----1,1-Dichloroethane	7	U
540-59-0	-----1,2-Dichloroethene (total)	7	U
67-66-3	-----Chloroform	7	U
107-06-2	-----1,2-Dichloroethane	7	U
78-93-3	-----2-Butanone	30	B
71-55-6	-----1,1,1-Trichloroethane	7	U
56-23-5	-----Carbon Tetrachloride	7	U
108-05-4	-----Vinyl Acetate	14	U
75-27-4	-----Bromodichloromethane	7	U
78-87-5	-----1,2-Dichloropropane	7	U
10061-01-5	-----cis-1,3-Dichloropropene	7	U
79-01-6	-----Trichloroethene	7	U
124-48-1	-----Dibromochloromethane	7	U
79-00-5	-----1,1,2-Trichloroethane	7	U
71-43-2	-----Benzene	7	U
10061-02-6	-----Trans-1,3-Dichloropropene	7	U
110-75-8	-----2-CHLOROETHYLVINYLETHER	28.14	U
75-25-2	-----Bromoform	7	U
108-10-1	-----4-Methyl-2-Pentanone	14	U
591-78-6	-----2-Hexanone	14	U
127-18-4	-----Tetrachloroethene	7	U
79-34-5	-----1,1,2,2-Tetrachloroethane	7	U
108-88-3	-----Toluene	7	U
108-90-7	-----Chlorobenzene	7	U
100-41-4	-----Ethylbenzene	7	U
100-42-5	-----Styrene	7	U
1330-20-7	-----Total Xylenes	7	U
107-02-8	-----ACROLEIN	70.14	U

KWJ
3/4/90

0008A

107-13-1-----ACRYLONITRILE

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1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

ITW6C

Lab Name: IT PITTSBURGH Contract: _____

Lab Code: ITPA Case No.: 03486 SAS No.: _____ SDG No.: 019

Matrix: (soil/water) SOIL Lab Sample ID: ITW6C

Sample wt/vol: 30.0 (g/mL) G Lab File ID: 4080306D

Level: (low/med) LOW Date Received: 02/21/90

% Moisture: not dec. 26 dec. _____ Date Extracted: 03/02/90

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 03/06/90

GPC Cleanup: (Y/N) Y pH: _____ Dilution Factor: 1.0

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) <u>UG/KG</u>	Q
108-95-2	Phenol	890	U
111-44-4	bis(2-Chloroethyl) Ether	890	U
95-57-8	2-Chlorophenol	890	U
541-73-1	1,3-Dichlorobenzene	890	U
106-46-7	1,4-Dichlorobenzene	890	U
100-51-6	Benzyl Alcohol	890	U
95-50-1	1,2-Dichlorobenzene	890	U
95-48-7	2-Methylphenol	890	U
108-60-1	bis(2-Chloroisopropyl) Ether	890	U
106-44-5	4-Methylphenol	890	U
621-64-7	N-Nitroso-Di-n-Propylamine	890	U
67-72-1	Hexachloroethane	890	U
98-95-3	Nitrobenzene	890	U
78-59-1	Isophorone	890	U
88-75-5	2-Nitrophenol	890	U
105-67-9	2,4-Dimethylphenol	890	U
65-85-0	Benzoic Acid	890	J
111-91-1	bis(2-Chloroethoxy)Methane	890	U
120-83-2	2,4-Dichlorophenol	890	U
120-82-1	1,2,4-Trichlorobenzene	890	U
91-20-3	Naphthalene	890	U
106-47-8	4-Chloroaniline	890	U
87-68-3	Hexachlorobutadiene	890	U
59-50-7	4-Chloro-3-Methylphenol	890	U
91-57-6	2-Methylnaphthalene	890	U
77-47-4	Hexachlorocyclopentadiene	890	U
88-06-2	2,4,6-Trichlorophenol	890	U
95-95-4	2,4,5-Trichlorophenol	4300	U
91-58-7	2-Chloronaphthalene	890	U
88-74-4	2-Nitroaniline	4300	U
131-11-3	Dimethyl Phthalate	890	U
208-96-8	Acenaphthylene	890	U
606-20-2	2,6-Dinitrotoluene	890	U

0008A

EPA SAMPLE NO.

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

ITW6C

Lab Name: IT PITTSBURGH Contract: _____

Lab Code: ITPA Case No.: 03486 SAS No.: _____ SDG No.: 019

Matrix: (soil/water) SOIL Lab Sample ID: ITW6C

Sample wt/vol: 30.0 (g/mL) G Lab File ID: 4080306D

Level: (low/med) LOW Date Received: 02/21/90

% Moisture: not dec. 26 dec. _____ Date Extracted: 03/02/90

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 03/06/90

GPC Cleanup: (Y/N) Y pH: _____ Dilution Factor: 1.0

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) <u>UG/KG</u>	Q
99-09-2	3-Nitroaniline	4300	U
83-32-9	Acenaphthene	890	U
51-28-5	2,4-Dinitrophenol	4300	U
100-02-7	4-Nitrophenol	4300	U
132-64-9	Dibenzofuran	890	U
121-14-2	2,4-Dinitrotoluene	890	U
84-66-2	Diethylphthalate	890	U
7005-72-3	4-Chlorophenyl-phenylether	890	U
86-73-7	Fluorene	890	U
100-01-6	4-Nitroaniline	4300	U
534-52-1	4,6-Dinitro-2-Methylphenol	4300	U
86-30-6	N-Nitrosodiphenylamine (1)	890	U
101-55-3	4-Bromophenyl-phenylether	890	U
118-74-1	Hexachlorobenzene	890	U
87-86-5	Pentachlorophenol	4300	U
85-01-8	Phenanthrene	890	U
120-12-7	Anthracene	890	U
84-74-2	Di-n-Butylphthalate	890	U
206-44-0	Fluoranthene	890	U
129-00-0	Pyrene	890	U
85-68-7	Butylbenzylphthalate	890	U
91-94-1	3,3'-Dichlorobenzidine	1800	U
56-55-3	Benzo (a) Anthracene	890	U
218-01-9	Chrysene	890	U
117-81-7	bis (2-Ethylhexyl) Phthalate	170	BJ
117-84-0	Di-n-Octyl Phthalate	890	U
205-99-2	Benzo (b) Fluoranthene	890	U
207-08-9	Benzo (k) Fluoranthene	890	U
50-32-8	Benzo (a) Pyrene	890	U
193-39-5	Indeno (1,2,3-cd) Pyrene	890	U
53-70-3	Dibenz (a,h) Anthracene	890	U
191-24-2	Benzo (g,h,i) Perylene	890	U

(1) - Cannot be separated from Diphenylamine

ID
PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

0015A

ITW6C

Lab Name: IT PITTSBURGH Contract: _____

Code: ITPA Case No.: 03486 SAS No.: _____ SDG No.: 008

Matrix: (soil/water) SOIL Lab Sample ID: Q00210402

Sample wt/vol: 30.0 (g/mL) G Lab File ID: _____

Level: (low/med) LOW Date Received: 02/21/90

% Moisture: not dec. 26 dec. _____ Date Extracted: 03/03/90

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 03/14/90

GPC Cleanup: (Y/N) Y pH: 4.4 Dilution Factor: 1.00

CONCENTRATION UNITS:

CAS NO. COMPOUND (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	43	U
72-55-9	4,4'-DDE	43	U
72-20-8	Endrin	43	U
33213-65-9	Endosulfan II	43	U
72-54-8	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
5103-71-9	alpha-Chlordane	220	U
5103-74-2	gamma-Chlordane	220	U
8001-35-2	Toxaphene	430	U
12674-11-2	Aroclor-1016	220	U
11104-28-2	Aroclor-1221	220	U
11141-16-5	Aroclor-1232	220	U
53469-21-9	Aroclor-1242	220	U
12672-29-6	Aroclor-1248	220	U
11097-69-1	Aroclor-1254	430	U
11096-82-5	Aroclor-1260	430	U

U.S. EPA - CLP

1
INORGANIC ANALYSES DATA SHEET

EPA SAMPLE NO.

ITW6C

Lab Name: ITAS_PITTSBURGH Contract: FIRESTONE

Lab Code: TPA Case No.: 00486 BAS No.: FDS No.: 009

Matrix (soil/water): SOIL Lab Sample ID: ITW6C

Level (low/mod): LOW Date Received: 01/21/70

% Solids: 74.2

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

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	13200			P
7440-38-2	Arsenic	2.1	B	N	F
7440-39-3	Barium	26.9	B		P
7440-41-7	Beryllium	2.2			P
7440-43-9	Cadmium	0.53	U		P
7440-70-2	Calcium	273	B		P
7440-47-3	Chromium	11.2			P
7440-48-4	Cobalt	19.9		*	P
7440-50-8	Copper	86.9		*	P
7439-89-6	Iron	38400		*	P
7439-92-1	Lead	12.3			F
7439-95-4	Magnesium	922	B		P
7439-96-5	Manganese	258		N*	P
7439-97-6	Mercury	0.12	U		CV
7440-02-0	Nickel	13.7			P
7440-09-7	Potassium	635	B	E	P
7440-22-4	Silver	0.93	B		P
7440-23-5	Sodium	154	B		P
7440-28-0	Thallium	0.53	B		F
7440-62-2	Vanadium	111		*	P
7440-66-6	Zinc	55.7		E*	P

Color Before: BROWN Clarity Before: Texture: FINE

Color After: BROWN Clarity After: Artifacts:

Comments:

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

ITW-7A

Lab Name: IT PITTSBURGH Contract: _____
 Lab Code: ITPA Case No.: 03486 SAS No.: _____ SDG No.: 015
 Matrix: (soil/water) SOIL Lab Sample ID: ITW-7A
 Sample wt/vol: 4.9 (g/mL) G Lab File ID: 2050302D
 Level: (low/med) LOW Date Received: 02/28/90
 % Moisture: not dec. 24 Date Analyzed: 03/02/90
 Column: (pack/cap) PACK Dilution Factor: 1.00

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) <u>UG/KG</u>	Q
74-87-3	Chloromethane	13	U
74-83-9	Bromomethane	13	U
75-01-4	Vinyl Chloride	13	U
75-00-3	Chloroethane	13	U
75-09-2	Methylene Chloride	7	U
67-64-1	Acetone	13	U
75-15-0	Carbon Disulfide	7	U
75-35-4	1,1-Dichloroethene	7	U
75-34-3	1,1-Dichloroethane	7	U
540-59-0	1,2-Dichloroethene (total)	7	U
67-66-3	Chloroform	7	U
107-06-2	1,2-Dichloroethane	7	U
78-93-3	2-Butanone	13	U
71-55-6	1,1,1-Trichloroethane	7	U
56-23-5	Carbon Tetrachloride	7	U
108-05-4	Vinyl Acetate	13	U
75-27-4	Bromodichloromethane	7	U
78-87-5	1,2-Dichloropropane	7	U
10061-01-5	cis-1,3-Dichloropropene	7	U
79-01-6	Trichloroethene	7	U
124-48-1	Dibromochloromethane	7	U
79-00-5	1,1,2-Trichloroethane	7	U
71-43-2	Benzene	7	U
10061-02-6	Trans-1,3-Dichloropropene	7	U
110-75-8	2-CHLOROETHYLVINYLETHER	24 15	U
75-25-2	Bromoform	7	U
108-10-1	4-Methyl-2-Pentanone	13	U
591-78-6	2-Hexanone	13	U
127-18-4	Tetrachloroethene	7	U
79-34-5	1,1,2,2-Tetrachloroethane	7	U
108-88-3	Toluene	7	U
108-90-7	Chlorobenzene	7	U
100-41-4	Ethylbenzene	7	U
100-42-5	Styrene	7	U
1330-20-7	Total Xylenes	7	U
107-02-8	ACROLEIN	65 15	U

AR302949

107-13-1-----ACRYLONITRILE

23
125

U

0004A

DOC
3/12/90

0009A

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

ITW7A

Lab Name: IT PITTSBURGH Contract: _____

Lab Code: ITPA Case No.: 03486 SAS No.: _____ SDG No.: 019

Matrix: (soil/water) SOIL Lab Sample ID: ITW7A

Sample wt/vol: 30.1 (g/mL) G Lab File ID: 5050314N

Level: (low/med) LOW Date Received: 02/28/90

% Moisture: not dec. 26 dec. _____ Date Extracted: 03/09/90

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 03/15/90

GPC Cleanup: (Y/N) Y pH: _____ Dilution Factor: 1.0

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) <u>UG/KG</u>	Q
108-95-2	Phenol	890	U
111-44-4	bis(2-Chloroethyl) Ether	890	U
95-57-8	2-Chlorophenol	890	U
541-73-1	1,3-Dichlorobenzene	890	U
106-46-7	1,4-Dichlorobenzene	890	U
100-51-6	Benzyl Alcohol	890	U
95-50-1	1,2-Dichlorobenzene	890	U
95-48-7	2-Methylphenol	890	U
108-60-1	bis(2-Chloroisopropyl) Ether	890	U
106-44-5	4-Methylphenol	890	U
621-64-7	N-Nitroso-Di-n-Propylamine	890	U
67-72-1	Hexachloroethane	890	U
98-95-3	Nitrobenzene	890	U
78-59-1	Isophorone	890	U
88-75-5	2-Nitrophenol	890	U
105-67-9	2,4-Dimethylphenol	890	U
65-85-0	Benzoic Acid	730	J
111-91-1	bis(2-Chloroethoxy) Methane	890	U
120-83-2	2,4-Dichlorophenol	890	U
120-82-1	1,2,4-Trichlorobenzene	890	U
91-20-3	Naphthalene	890	U
106-47-8	4-Chloroaniline	890	U
87-68-3	Hexachlorobutadiene	890	U
59-50-7	4-Chloro-3-Methylphenol	890	U
91-57-6	2-Methylnaphthalene	890	U
77-47-4	Hexachlorocyclopentadiene	890	U
88-06-2	2,4,6-Trichlorophenol	890	U
95-95-4	2,4,5-Trichlorophenol	4300	U
91-58-7	2-Chloronaphthalene	890	U
88-74-4	2-Nitroaniline	4300	U
131-11-3	Dimethyl Phthalate	890	U
208-96-8	Acenaphthylene	890	U
606-20-2	2,6-Dinitrotoluene	890	U

AR302951

1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

Lab Name: IT PITTSBURGH Contract: _____

Lab Code: ITPA Case No.: 03486 SAS No.: _____ SDG No.: 019

Matrix: (soil/water) SOIL Lab Sample ID: ITW7A

Sample wt/vol: 30.1 (g/mL) G Lab File ID: 5050314N

Level: (low/med) LOW Date Received: 02/28/90

% Moisture: not dec. 26 dec. _____ Date Extracted: 03/09/90

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 03/15/90

GPC Cleanup: (Y/N) Y pH: _____ Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) <u>UG/KG</u>	Q
99-09-2	3-Nitroaniline	4300	U
83-32-9	Acenaphthene	890	U
51-28-5	2,4-Dinitrophenol	4300	U
100-02-7	4-Nitrophenol	4300	U
132-64-9	Dibenzofuran	890	U
121-14-2	2,4-Dinitrotoluene	890	U
84-66-2	Diethylphthalate	890	U
7005-72-3	4-Chlorophenyl-phenylether	890	U
86-73-7	Fluorene	890	U
100-01-6	4-Nitroaniline	4300	U
534-52-1	4,6-Dinitro-2-Methylphenol	4300	U
86-30-6	N-Nitrosodiphenylamine (1)	890	U
101-55-3	4-Bromophenyl-phenylether	890	U
118-74-1	Hexachlorobenzene	890	U
87-86-5	Pentachlorophenol	4300	U
85-01-8	Phenanthrene	890	U
120-12-7	Anthracene	890	U
84-74-2	Di-n-Butylphthalate	890	U
206-44-0	Fluoranthene	890	U
129-00-0	Pyrene	890	U
85-68-7	Butylbenzylphthalate	890	U
91-94-1	3,3'-Dichlorobenzidine	1800	U
56-55-3	Benzo(a)Anthracene	890	U
218-01-9	Chrysene	890	U
117-81-7	bis(2-Ethylhexyl) Phthalate	700	J
117-84-0	Di-n-Octyl Phthalate	890	U
205-99-2	Benzo(b)Fluoranthene	890	U
207-08-9	Benzo(k)Fluoranthene	890	U
50-32-8	Benzo(a)Pyrene	890	U
193-39-5	Indeno(1,2,3-cd)Pyrene	890	U
53-70-3	Dibenz(a,h)Anthracene	890	U
191-24-2	Benzo(g,h,i)Perylene	890	U

(1) - Cannot be separated from Diphenylamine

1D
PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

ITW7A **0017A**

Lab Name: IT PITTSBURGH Contract: _____

Code: ITPA Case No.: 03486 SAS No.: _____ SDG No.: 015

Matrix: (soil/water) SOIL Lab Sample ID: Q00213503

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

Level: (low/med) LOW Date Received: 02/28/90

% Moisture: not dec. 26 dec. _____ Date Extracted: 03/03/90

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 03/13/90

GPC Cleanup: (Y/N) Y pH: 7.1 Dilution Factor: 1.00

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) <u>UG/KG</u>	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	43	U
72-55-9	4,4'-DDE	43	U
72-20-8	Endrin	43	U
33213-65-9	Endosulfan II	43	U
72-54-8	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
5103-71-9	alpha-Chlordane	220	U
5103-74-2	gamma-Chlordane	220	U
8001-35-2	Toxaphene	430	U
12674-11-2	Aroclor-1016	220	U
11104-28-2	Aroclor-1221	220	U
11141-16-5	Aroclor-1232	220	U
53469-21-9	Aroclor-1242	220	U
12672-29-6	Aroclor-1248	220	U
11097-69-1	Aroclor-1254	430	U
11096-82-5	Aroclor-1260	430	U

AR302953

1
INORGANIC ANALYSES DATA SHEET

EPA SAMPLE NO.

ITW7A

Lab Name: ITAS_PITTSBURGH Contract: FIRESTONE

Lab Code: ITFA Case No.: 03486 SAS No.: SDG No.: 015

Matrix (soil/water): SOIL Lab Sample ID: ITW7A

Level (low/med): LOW Date Received: 02/28/90

% Solids: 73.9

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

CAS No.	Analyte	Concentration	Cl	Q	IM
17429-90-5	Aluminum	11500			P
17440-38-2	Arsenic	3.6		SN	F
17440-39-3	Barium	58.7			P
17440-41-7	Beryllium	0.55	B		P
17440-43-9	Cadmium	0.54	U		P
17440-70-2	Calcium	2390			P
17440-47-3	Chromium	13.3			P
17440-48-4	Cobalt	6.6	B		P
17440-50-8	Copper	15.0			P
17439-89-6	Iron	15900			P
17439-92-1	Lead	21.7		SN*	F
17439-95-4	Magnesium	2130			P
17439-96-5	Manganese	289		N*	P
17439-97-6	Mercury	0.11	U	N	CV
17440-02-0	Nickel	7.6	B		P
17440-09-7	Potassium	564	B		P
17440-22-4	Silver	0.80	U		P
17440-23-5	Sodium	46.6	B		P
17440-28-0	Thallium	0.52	U	W	F
17440-62-2	Vanadium	25.2			P
17440-66-6	Zinc	32.0			P

Color Before: BROWN Clarity Before: Texture: MEDIUM

Color After: BROWN Clarity After: Artifacts: YES

Comments:

ARTIFACTS: ROOTS, STONES

0005A

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

ITW-7B

Lab Name: IT PITTSBURGH Contract: _____

Lab Code: ITPA Case No.: 03486 SAS No.: _____ SDG No.: 015

Matrix: (soil/water) SOIL Lab Sample ID: ITW-7B

Sample wt/vol: 4.1 ^{DOC 3/12/90} 5.0 (g/mL) G Lab File ID: 6070302D

Level: (low/med) MED Date Received: 02/23/90 ^{02/28/90}

% Moisture: not dec. 29 Date Analyzed: 03/02/90

Column: (pack/cap) CAP Dilution Factor: 1.2

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) <u>UG/KG</u>	Q
74-87-3	Chloromethane	1700	U
74-83-9	Bromomethane	1700	U
75-01-4	Vinyl Chloride	8300	
75-00-3	Chloroethane	670	J
75-09-2	Methylene Chloride	330	BJ
67-64-1	Acetone	1700	U
75-15-0	Carbon Disulfide	860	U
75-35-4	1,1-Dichloroethene	860	U
75-34-3	1,1-Dichloroethane	860	U
540-59-0	1,2-Dichloroethene (total)	860	U
67-66-3	Chloroform	860	U
107-06-2	1,2-Dichloroethane	860	U
78-93-3	2-Butanone	1700	U
71-55-6	1,1,1-Trichloroethane	860	U
56-23-5	Carbon Tetrachloride	860	U
108-05-4	Vinyl Acetate	1700	U
75-27-4	Bromodichloromethane	860	U
78-87-5	1,2-Dichloropropane	860	U
10061-01-5	cis-1,3-Dichloropropene	860	U
79-01-6	Trichloroethene	860	U
124-48-1	Dibromochloromethane	860	U
79-00-5	1,1,2-Trichloroethane	860	U
71-43-2	Benzene	860	U
10061-02-6	Trans-1,3-Dichloropropene	860	U
110-75-8	2-CHLOROETHYL VINYLETHER	3400 1700	U
75-25-2	Bromoform	860	U
108-10-1	4-Methyl-2-Pentanone	1700	U
591-78-6	2-Hexanone	1700	U
127-18-4	Tetrachloroethene	860	U
79-34-5	1,1,2,2-Tetrachloroethane	860	U
108-88-3	Toluene	860	U
108-90-7	Chlorobenzene	870	
100-41-4	Ethylbenzene	860	U
100-42-5	Styrene	860	U
1330-20-7	Total Xylenes	860	U
107-02-8	ACROLEIN	8500 1700	U

FORM I VOA

1/87 Rev.
DOC 3/12/90
AR302955

107-13-1-----ACRYLONITRILE

~~1700~~
8500

U 0006 A

ODC
3/12/90

0007A

EPA SAMPLE NO.

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

ITW-7BRE

Lab Name: IT PITTSBURGH Contract: _____

Lab Code: ITPA Case No.: 03486 SAS No.: _____ SDG No.: 015

Matrix: (soil/water) SOIL Lab Sample ID: ITW-7BRE

Sample wt/vol: 4.1 DDC 3/12/90
5.0 (g/mL) G Lab File ID: 6110302D

Level: (low/med) MED Date Received: 02/23/90

% Moisture: not dec. 29 Date Analyzed: 03/02/90

Column: (pack/cap) CAP Dilution Factor: 1.2

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
74-87-3	Chloromethane	1700	U
74-83-9	Bromomethane	1700	U
75-01-4	Vinyl Chloride	7600	
75-00-3	Chloroethane	720	J
75-09-2	Methylene Chloride	330	BJ
67-64-1	Acetone	1700	U
75-15-0	Carbon Disulfide	860	U
75-35-4	1,1-Dichloroethene	860	U
75-34-3	1,1-Dichloroethane	190	J
540-59-0	1,2-Dichloroethene (total)	860	U
67-66-3	Chloroform	860	U
107-06-2	1,2-Dichloroethane	410	J
78-93-3	2-Butanone	1700	U
71-55-6	1,1,1-Trichloroethane	860	U
56-23-5	Carbon Tetrachloride	860	U
108-05-4	Vinyl Acetate	1700	U
75-27-4	Bromodichloromethane	860	U
78-87-5	1,2-Dichloropropane	860	U
10061-01-5	cis-1,3-Dichloropropene	860	U
79-01-6	Trichloroethene	860	U
124-48-1	Dibromochloromethane	860	U
79-00-5	1,1,2-Trichloroethane	860	U
71-43-2	Benzene	860	U
10061-02-6	Trans-1,3-Dichloropropene	860	U
110-75-8	2-CHLOROETHYLVINYLETHER	3400-1700	U
75-25-2	Bromoform	860	U
108-10-1	4-Methyl-2-Pentanone	1700	U
591-78-6	2-Hexanone	1700	U
127-18-4	Tetrachloroethene	860	U
79-34-5	1,1,2,2-Tetrachloroethane	860	U
108-88-3	Toluene	220	J
108-90-7	Chlorobenzene	860	U
100-41-4	Ethylbenzene	860	U
100-42-5	Styrene	860	U
1330-20-7	Total Xylenes	260	BJ
107-02-8	ACROLEIN	1700	U

DOC
3/12/90

8500

1/87 Rev.

FORM I VOA

AR302957

107-13-1-----ACRYLONITRILE

~~1700~~

0008A

8500 3/12/90
DDC

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

ITW7B

Lab Name: IT PITTSBURGH Contract: _____
 Lab Code: ITPA Case No.: 03486 SAS No.: _____ SDG No.: 019
 Matrix: (soil/water) SOIL Lab Sample ID: ITW7B
 Sample wt/vol: 30.1 (g/mL) G Lab File ID: 5030314N
 Level: (low/med) LOW Date Received: 02/28/90
 % Moisture: not dec. 28 dec. _____ Date Extracted: 03/09/90
 Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 03/14/90
 GPC Cleanup: (Y/N) Y pH: _____ Dilution Factor: 1.0

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) <u>UG/KG</u>	Q
108-95-2	Phenol	910	U
111-44-4	bis(2-Chloroethyl) Ether	910	U
95-57-8	2-Chlorophenol	910	U
541-73-1	1,3-Dichlorobenzene	910	U
106-46-7	1,4-Dichlorobenzene	910	U
100-51-6	Benzyl Alcohol	910	U
95-50-1	1,2-Dichlorobenzene	910	U
95-48-7	2-Methylphenol	910	U
108-60-1	bis(2-Chloroisopropyl) Ether	910	U
106-44-5	4-Methylphenol	910	U
621-64-7	N-Nitroso-Di-n-Propylamine	910	U
67-72-1	Hexachloroethane	910	U
98-95-3	Nitrobenzene	910	U
78-59-1	Isophorone	910	U
88-75-5	2-Nitrophenol	910	U
105-67-9	2,4-Dimethylphenol	910	U
65-85-0	Benzoic Acid	900	J
111-91-1	bis(2-Chloroethoxy) Methane	910	U
120-83-2	2,4-Dichlorophenol	910	U
120-82-1	1,2,4-Trichlorobenzene	910	U
91-20-3	Naphthalene	910	U
106-47-8	4-Chloroaniline	910	U
87-68-3	Hexachlorobutadiene	910	U
59-50-7	4-Chloro-3-Methylphenol	910	U
91-57-6	2-Methylnaphthalene	910	U
77-47-4	Hexachlorocyclopentadiene	910	U
88-06-2	2,4,6-Trichlorophenol	910	U
95-95-4	2,4,5-Trichlorophenol	4400	U
91-58-7	2-Chloronaphthalene	910	U
88-74-4	2-Nitroaniline	4400	U
131-11-3	Dimethyl Phthalate	910	U
208-96-8	Acenaphthylene	910	U
606-20-2	2,6-Dinitrotoluene	910	U

1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

ITW7B

Lab Name: IT PITTSBURGH Contract: _____
 Lab Code: ITPA Case No.: 03486 SAS No.: _____ SDG No.: 019
 Matrix: (soil/water) SOIL Lab Sample ID: ITW7B
 Sample wt/vol: 30.1 (g/mL) G Lab File ID: 5030314N
 Level: (low/med) LOW Date Received: 02/28/90
 % Moisture: not dec. 28 dec. _____ Date Extracted: 03/09/90
 Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 03/14/90
 GPC Cleanup: (Y/N) Y pH: _____ Dilution Factor: 1.0

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/KG Q

99-09-2	3-Nitroaniline	4400	U
83-32-9	Acenaphthene	910	U
51-28-5	2,4-Dinitrophenol	4400	U
100-02-7	4-Nitrophenol	4400	U
132-64-9	Dibenzofuran	910	U
121-14-2	2,4-Dinitrotoluene	910	U
84-66-2	Diethylphthalate	910	U
7005-72-3	4-Chlorophenyl-phenylether	910	U
86-73-7	Fluorene	910	U
100-01-6	4-Nitroaniline	4400	U
534-52-1	4,6-Dinitro-2-Methylphenol	4400	U
86-30-6	N-Nitrosodiphenylamine (1)	910	U
101-55-3	4-Bromophenyl-phenylether	910	U
118-74-1	Hexachlorobenzene	910	U
87-86-5	Pentachlorophenol	4400	U
85-01-8	Phenanthrene	910	U
120-12-7	Anthracene	910	U
84-74-2	Di-n-Butylphthalate	910	U
206-44-0	Fluoranthene	910	U
129-00-0	Pyrene	910	U
85-68-7	Butylbenzylphthalate	180	J
91-94-1	3,3'-Dichlorobenzidine	1800	U
56-55-3	Benzo(a)Anthracene	910	U
218-01-9	Chrysene	910	U
117-81-7	bis(2-Ethylhexyl)Phthalate	20000	E
117-84-0	Di-n-Octyl Phthalate	2500	
205-99-2	Benzo(b)Fluoranthene	910	U
207-08-9	Benzo(k)Fluoranthene	910	U
50-32-8	Benzo(a)Pyrene	910	U
193-39-5	Indeno(1,2,3-cd)Pyrene	910	U
53-70-3	Dibenz(a,h)Anthracene	910	U
191-24-2	Benzo(g,h,i)Perylene	910	U

(1) - Cannot be separated from Diphenylamine

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

ITW7BDL

Lab Name: IT PITTSBURGH Contract: _____

Lab Code: ITPA Case No.: 03486 SAS No.: _____ SDG No.: 019

Matrix: (soil/water) SOIL Lab Sample ID: ITW7BDL

Sample wt/vol: 30.1 (g/mL) G Lab File ID: 5040315D

Level: (low/med) LOW Date Received: 02/28/90

% Moisture: not dec. 28 dec. _____ Date Extracted: 03/09/90

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 03/15/90

GPC Cleanup: (Y/N) Y pH: _____ Dilution Factor: 4.0

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) <u>UG/KG</u>	<u>Q</u>
108-95-2	Phenol	3700	U
111-44-4	bis(2-Chloroethyl) Ether	3700	U
95-57-8	2-Chlorophenol	3700	U
541-73-1	1,3-Dichlorobenzene	3700	U
106-46-7	1,4-Dichlorobenzene	3700	U
100-51-6	Benzyl Alcohol	3700	U
95-50-1	1,2-Dichlorobenzene	3700	U
95-48-7	2-Methylphenol	3700	U
108-60-1	bis(2-Chloroisopropyl) Ether	3700	U
106-44-5	4-Methylphenol	3700	U
621-64-7	N-Nitroso-Di-n-Propylamine	3700	U
67-72-1	Hexachloroethane	3700	U
98-95-3	Nitrobenzene	3700	U
78-59-1	Isophorone	3700	U
88-75-5	2-Nitrophenol	3700	U
105-67-9	2,4-Dimethylphenol	3700	U
65-85-0	Benzoic Acid	18000	U
111-91-1	bis(2-Chloroethoxy) Methane	3700	U
120-83-2	2,4-Dichlorophenol	3700	U
120-82-1	1,2,4-Trichlorobenzene	3700	U
91-20-3	Naphthalene	3700	U
106-47-8	4-Chloroaniline	3700	U
87-68-3	Hexachlorobutadiene	3700	U
59-50-7	4-Chloro-3-Methylphenol	3700	U
91-57-6	2-Methylnaphthalene	3700	U
77-47-4	Hexachlorocyclopentadiene	3700	U
88-06-2	2,4,6-Trichlorophenol	3700	U
95-95-4	2,4,5-Trichlorophenol	18000	U
91-58-7	2-Chloronaphthalene	3700	U
88-74-4	2-Nitroaniline	18000	U
131-11-3	Dimethyl Phthalate	3700	U
208-96-8	Acenaphthylene	3700	U
606-20-2	2,6-Dinitrotoluene	3700	U

AR302961

1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

00134
EPA SAMPLE NO.

ITW7BDL

Lab. Name: IT PITTSBURGH Contract: _____

Lab Code: ITPA Case No.: 03486 SAS No.: _____ SDG No.: 019

Matrix: (soil/water) SOIL Lab Sample ID: ITW7BDL

Sample wt/vol: 30.1 (g/mL) G Lab File ID: 5040315D

Level: (low/med) LOW Date Received: 02/28/90

% Moisture: not dec. 28 dec. _____ Date Extracted: 03/09/90

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 03/15/90

GPC Cleanup: (Y/N) Y pH: _____ Dilution Factor: 4.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) <u>UG/KG</u>	Q
99-09-2	3-Nitroaniline	18000	U
83-32-9	Acenaphthene	3700	U
51-28-5	2,4-Dinitrophenol	18000	U
100-02-7	4-Nitrophenol	18000	U
132-64-9	Dibenzofuran	3700	U
121-14-2	2,4-Dinitrotoluene	3700	U
84-66-2	Diethylphthalate	3700	U
7005-72-3	4-Chlorophenyl-phenylether	3700	U
86-73-7	Fluorene	3700	U
100-01-6	4-Nitroaniline	18000	U
534-52-1	4,6-Dinitro-2-Methylphenol	18000	U
86-30-6	N-Nitrosodiphenylamine (1)	3700	U
101-55-3	4-Bromophenyl-phenylether	3700	U
118-74-1	Hexachlorobenzene	3700	U
87-86-5	Pentachlorophenol	18000	U
85-01-8	Phenanthrene	3700	U
120-12-7	Anthracene	3700	U
84-74-2	Di-n-Butylphthalate	3700	U
206-44-0	Fluoranthene	3700	U
129-00-0	Pyrene	3700	U
85-68-7	Butylbenzylphthalate	3700	U
91-94-1	3,3'-Dichlorobenzidine	7300	U
56-55-3	Benzo(a)Anthracene	3700	U
218-01-9	Chrysene	3700	U
117-81-7	bis(2-Ethylhexyl)Phthalate	42000	D
117-84-0	Di-n-Octyl Phthalate	2500	DJ
205-99-2	Benzo(b)Fluoranthene	3700	U
207-08-9	Benzo(k)Fluoranthene	3700	U
50-32-8	Benzo(a)Pyrene	3700	U
193-39-5	Indeno(1,2,3-cd)Pyrene	3700	U
53-70-3	Dibenz(a,h)Anthracene	3700	U
191-24-2	Benzo(g,h,i)Perylene	3700	U

(1) - Cannot be separated from Diphenylamine

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

ITW7BDLRE

Lab Name: IT PITTSBURGH Contract: _____

Lab Code: ITPA Case No.: 03486 SAS No.: _____ SDG No.: 019

Matrix: (soil/water) SOIL Lab Sample ID: ITW7BDLRE

Sample wt/vol: 30.0 (g/mL) G Lab File ID: 5080323D

Level: (low/med) LOW Date Received: 02/28/90

% Moisture: not dec. 28 dec. _____ Date Extracted: 03/22/90

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 03/23/90

GPC Cleanup: (Y/N) Y pH: _____ Dilution Factor: 8.0

CAS NO. COMPOUND CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG Q

108-95-2	Phenol	7300	U
111-44-4	bis(2-Chloroethyl) Ether	7300	U
95-57-8	2-Chlorophenol	7300	U
541-73-1	1,3-Dichlorobenzene	7300	U
106-46-7	1,4-Dichlorobenzene	7300	U
100-51-6	Benzyl Alcohol	7300	U
95-50-1	1,2-Dichlorobenzene	7300	U
95-48-7	2-Methylphenol	7300	U
108-60-1	bis(2-Chloroisopropyl) Ether	7300	U
106-44-5	4-Methylphenol	7300	U
621-64-7	N-Nitroso-Di-n-Propylamine	7300	U
67-72-1	Hexachloroethane	7300	U
98-95-3	Nitrobenzene	7300	U
78-59-1	Isophorone	7300	U
88-75-5	2-Nitrophenol	7300	U
105-67-9	2,4-Dimethylphenol	7300	U
65-85-0	Benzoic Acid	36000	U
111-91-1	bis(2-Chloroethoxy) Methane	7300	U
120-83-2	2,4-Dichlorophenol	7300	U
120-82-1	1,2,4-Trichlorobenzene	7300	U
91-20-3	Naphthalene	7300	U
106-47-8	4-Chloroaniline	7300	U
87-68-3	Hexachlorobutadiene	7300	U
59-50-7	4-Chloro-3-Methylphenol	7300	U
91-57-6	2-Methylnaphthalene	7300	U
77-47-4	Hexachlorocyclopentadiene	7300	U
88-06-2	2,4,6-Trichlorophenol	7300	U
95-95-4	2,4,5-Trichlorophenol	36000	U
91-58-7	2-Chloronaphthalene	7300	U
88-74-4	2-Nitroaniline	36000	U
131-11-3	Dimethyl Phthalate	7300	U
208-96-8	Acenaphthylene	7300	U
606-20-2	2,6-Dinitrotoluene	7300	U

0015A

1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

ITW7BDLRE

Lab Name: IT PITTSBURGH Contract: _____

Lab Code: ITPA Case No.: 03486 SAS No.: _____ SDG No.: 019

Matrix: (soil/water) SOIL Lab Sample ID: ITW7BDLRE

Sample wt/vol: 30.0 (g/mL) G Lab File ID: 5080323D

Level: (low/med) LOW Date Received: 02/28/90

% Moisture: not dec. 28 dec. _____ Date Extracted: 03/22/90

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 03/23/90

GPC Cleanup: (Y/N) Y pH: _____ Dilution Factor: 8.0

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) <u>UG/KG</u>	Q
99-09-2-----	3-Nitroaniline	36000	U
83-32-9-----	Acenaphthene	7300	U
51-28-5-----	2,4-Dinitrophenol	36000	U
100-02-7-----	4-Nitrophenol	36000	U
132-64-9-----	Dibenzofuran	7300	U
121-14-2-----	2,4-Dinitrotoluene	7300	U
84-66-2-----	Diethylphthalate	7300	U
7005-72-3-----	4-Chlorophenyl-phenylether	7300	U
86-73-7-----	Fluorene	7300	U
100-01-6-----	4-Nitroaniline	36000	U
534-52-1-----	4,6-Dinitro-2-Methylphenol	36000	U
86-30-6-----	N-Nitrosodiphenylamine (1)	7300	U
101-55-3-----	4-Bromophenyl-phenylether	7300	U
118-74-1-----	Hexachlorobenzene	7300	U
87-86-5-----	Pentachlorophenol	36000	U
85-01-8-----	Phenanthrene	7300	U
120-12-7-----	Anthracene	7300	U
84-74-2-----	Di-n-Butylphthalate	7300	U
206-44-0-----	Fluoranthene	7300	U
129-00-0-----	Pyrene	7300	U
85-68-7-----	Butylbenzylphthalate	7300	U
91-94-1-----	3,3'-Dichlorobenzidine	15000	U
56-55-3-----	Benzo (a) Anthracene	7300	U
218-01-9-----	Chrysene	7300	U
117-81-7-----	bis(2-Ethylhexyl) Phthalate	69000	D
117-84-0-----	Di-n-Octyl Phthalate	6400	DJ
205-99-2-----	Benzo (b) Fluoranthene	7300	U
207-08-9-----	Benzo (k) Fluoranthene	7300	U
50-32-8-----	Benzo (a) Pyrene	7300	U
193-39-5-----	Indeno (1,2,3-cd) Pyrene	7300	U
53-70-3-----	Dibenz (a,h) Anthracene	7300	U
191-24-2-----	Benzo (g,h,i) Perylene	7300	U

(1) - Cannot be separated from Diphenylamine

10
PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

ITW7B

0018A

Lab Name: IT PITTSBURGH

Contract:

Lab Code: ITPA

Case No.: 03486

SAS No.:

SDG No.: 015

Matrix: (soil/water) SOIL

Lab Sample ID: Q00213501

Sample wt/vol: 30.0 (g/mL) G

Lab File ID:

Level: (low/med) LOW

Date Received: 02/28/90

% Moisture: not dec. 28 dec.

Date Extracted: 03/10/90

Extraction: (SepF/Cont/Sonc) SONC

Date Analyzed: 03/20/90

GPC Cleanup: (Y/N) Y pH: 5.0

Dilution Factor: 1.00

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
---------	----------	---	---

12674-11-2-----Aroclor-1016	220	U
11104-28-2-----Aroclor-1221	220	U
11141-16-5-----Aroclor-1232	220	U
53469-21-9-----Aroclor-1242	220	U
12672-29-6-----Aroclor-1248	220	U
11097-69-1-----Aroclor-1254	440	U
11096-82-5-----Aroclor-1260	440	U

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AR302965

U.S. EPA - CLP

1
INORGANIC ANALYSES DATA SHEET

EPA SAMPLE NO.

ITW7B

Lab Name: ITAS_PITTSBURGH Contract: FIRESTONE

Lab Code: ITFA Case No.: 03486 SAS No.: SDG No.: 015

Matrix (soil/water): SOIL Lab Sample ID: ITW7B

Level (low/med): LOW Date Received: 02/28/90

% Solids: 72.5

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

CAS No.	Analyte	Concentration	Q	M
17429-90-5	Aluminum			NR
17440-38-2	Arsenic	2.4	SN	F
17440-39-3	Barium			NR
17440-41-7	Beryllium			NR
17440-43-9	Cadmium			NR
17440-70-2	Calcium			NR
17440-47-3	Chromium	30.8		P
17440-48-4	Cobalt			NR
17440-50-8	Copper			NR
17439-89-6	Iron			NR
17439-92-1	Lead	56.3	N*	F
17439-95-4	Magnesium			NR
17439-96-5	Manganese			NR
17439-97-6	Mercury			NR
17440-02-0	Nickel			NR
17440-09-7	Potassium			NR
17440-22-4	Silver			NR
17440-23-5	Sodium			NR
17440-28-0	Thallium			NR
17440-62-2	Vanadium			NR
17440-66-6	Zinc			NR

Color Before: BROWN Clarity Before: Texture: MEDIUM

Color After: BROWN Clarity After: Artifacts: YES

Comments:
ARTIFACTS: STONES

VOLATILE ORGANICS ANALYSIS DATA SHEET

ITW-7C

Lab Name: IT PITTSBURGH Contract: _____

Lab Code: ITPA Case No.: 03486 SAS No.: _____ SDG No.: 015

Matrix: (soil/water) SOIL Lab Sample ID: ITW-7C

Sample wt/vol: 5.0 (g/mL) G Lab File ID: 2040302D

Level: (low/med) LOW Date Received: 02/28/90

% Moisture: not dec. 23 Date Analyzed: 03/02/90

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

CONCENTRATION UNITS:

CAS NO. COMPOUND (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	U
75-00-3	-----Chloroethane	13	U
75-09-2	-----Methylene Chloride	2	BJ.
67-64-1	-----Acetone	11	J
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	13	U
71-55-6	-----1,1,1-Trichloroethane	6	U
56-23-5	-----Carbon Tetrachloride	6	U
108-05-4	-----Vinyl Acetate	13	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
110-75-8	-----2-CHLOROETHYLVINYLETHER	26 13	U
75-25-2	-----Bromoform	6	U
108-10-1	-----4-Methyl-2-Pentanone	13	U
591-78-6	-----2-Hexanone	13	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	-----Total Xylenes	6	U
107-02-8	-----ACROLEIN	65 13	U

DOC 3/11

DOC 3/12

107-13-1-----ACRYLONITRILE

73 114
05 0010A

DDC
7/2/90

0016A

EPA SAMPLE NO.

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

ITW7CDL

Lab Name: IT PITTSBURGH Contract: _____

Lab Code: ITPA Case No.: 03486 SAS No.: _____ SDG No.: 019

Matrix: (soil/water) SOIL Lab Sample ID: ITW7CDL

Sample wt/vol: 30.1 (g/mL) G Lab File ID: 5030315D

Level: (low/med) LOW Date Received: 02/28/90

% Moisture: not dec. 32 dec. _____ Date Extracted: 03/09/90

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 03/15/90

GPC Cleanup: (Y/N) Y pH: _____ Dilution Factor: 25

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) <u>UG/KG</u>	Q
108-95-2	Phenol	24000	U
111-44-4	bis(2-Chloroethyl) Ether	24000	U
95-57-8	2-Chlorophenol	24000	U
541-73-1	1,3-Dichlorobenzene	24000	U
106-46-7	1,4-Dichlorobenzene	24000	U
100-51-6	Benzyl Alcohol	24000	U
95-50-1	1,2-Dichlorobenzene	24000	U
95-48-7	2-Methylphenol	24000	U
108-60-1	bis(2-Chloroisopropyl) Ether	24000	U
106-44-5	4-Methylphenol	24000	U
621-64-7	N-Nitroso-Di-n-Propylamine	24000	U
67-72-1	Hexachloroethane	24000	U
98-95-3	Nitrobenzene	24000	U
78-59-1	Isophorone	24000	U
88-75-5	2-Nitrophenol	24000	U
105-67-9	2,4-Dimethylphenol	24000	U
65-85-0	Benzoic Acid	120000	U
111-91-1	bis(2-Chloroethoxy) Methane	24000	U
120-83-2	2,4-Dichlorophenol	24000	U
120-82-1	1,2,4-Trichlorobenzene	24000	U
91-20-3	Naphthalene	24000	U
106-47-8	4-Chloroaniline	24000	U
87-68-3	Hexachlorobutadiene	24000	U
59-50-7	4-Chloro-3-Methylphenol	24000	U
91-57-6	2-Methylnaphthalene	24000	U
77-47-4	Hexachlorocyclopentadiene	24000	U
88-06-2	2,4,6-Trichlorophenol	24000	U
95-95-4	2,4,5-Trichlorophenol	120000	U
91-58-7	2-Chloronaphthalene	24000	U
88-74-4	2-Nitroaniline	120000	U
131-11-3	Dimethyl Phthalate	24000	U
208-96-8	Acenaphthylene	24000	U
606-20-2	2,6-Dinitrotoluene	24000	U

1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

ITW7CDL

Lab Name: IT PITTSBURGH Contract: _____

Lab Code: ITPA Case No.: 03486 SAS No.: _____ SDG No.: 019

Matrix: (soil/water) SOIL Lab Sample ID: ITW7CDL

Sample wt/vol: 30.1 (g/mL) G Lab File ID: 5030315D

Level: (low/med) LOW Date Received: 02/28/90

% Moisture: not dec. 32 dec. _____ Date Extracted: 03/09/90

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 03/15/90

GPC Cleanup: (Y/N) Y pH: _____ Dilution Factor: 25

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) <u>UG/KG</u>	Q
99-09-2	3-Nitroaniline	120000	U
83-32-9	Acenaphthene	24000	U
51-28-5	2,4-Dinitrophenol	120000	U
100-02-7	4-Nitrophenol	120000	U
132-64-9	Dibenzofuran	24000	U
121-14-2	2,4-Dinitrotoluene	24000	U
84-66-2	Diethylphthalate	24000	U
7005-72-3	4-Chlorophenyl-phenylether	24000	U
86-73-7	Fluorene	24000	U
100-01-6	4-Nitroaniline	120000	U
534-52-1	4,6-Dinitro-2-Methylphenol	120000	U
86-30-6	N-Nitrosodiphenylamine (1)	24000	U
101-55-3	4-Bromophenyl-phenylether	24000	U
118-74-1	Hexachlorobenzene	24000	U
87-86-5	Pentachlorophenol	120000	U
85-01-8	Phenanthrene	24000	U
120-12-7	Anthracene	24000	U
84-74-2	Di-n-Butylphthalate	24000	U
206-44-0	Fluoranthene	24000	U
129-00-0	Pyrene	24000	U
85-68-7	Butylbenzylphthalate	24000	U
91-94-1	3,3'-Dichlorobenzidine	48000	U
56-55-3	Benzo(a)Anthracene	24000	U
218-01-9	Chrysene	24000	U
117-81-7	bis(2-Ethylhexyl)Phthalate	240000	D
117-84-0	Di-n-Octyl Phthalate	75000	D
205-99-2	Benzo(b)Fluoranthene	24000	U
207-08-9	Benzo(k)Fluoranthene	24000	U
50-32-8	Benzo(a)Pyrene	24000	U
193-39-5	Indeno(1,2,3-cd)Pyrene	24000	U
53-70-3	Dibenz(a,h)Anthracene	24000	U
191-24-2	Benzo(g,h,i)Perylene	24000	U

(1) - Cannot be separated from Diphenylamine

ID ~~EPA SAMPLE NO.~~
 PESTICIDE ORGANICS ANALYSIS DATA SHEET

FEB 3-29 90

EPA SAMPLE NO.

0019A

ITW7C

Lab Name: IT PITTSBURGH Contract:
 Code: ITPA Case No.: 03486 SAS No.: SDG No.: 015
 Matrix: (soil/water) SOIL Lab Sample ID: Q00213502
 Sample wt/vol: 30.1 (g/mL) G Lab File ID:
 Level: (low/med) LOW Date Received: 02/28/90
 % Moisture: not dec. 32 dec. Date Extracted: 03/10/90
 Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 03/20/90
 GPC Cleanup: (Y/N) Y pH: 6.7 Dilution Factor: 2.00

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
12674-11-2-----	Aroclor-1016	470	U
11104-28-2-----	Aroclor-1221	470	U
11141-16-5-----	Aroclor-1232	470	U
53469-21-9-----	Aroclor-1242	470	U
12672-29-6-----	Aroclor-1248	470	U
11097-69-1-----	Aroclor-1254	940	U
11096-82-5-----	Aroclor-1260	940	U

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INORGANIC ANALYSES DATA SHEET

EPA SAMPLE NO.

ITW7C

Lab Name: ITAS_PITTSBURGH Contract: FIRESTONE

Lab Code: ITPA Case No.: 03486 SAS No.: SDG No.: 015

Matrix (soil/water): SOIL Lab Sample ID: ITW7C

Level (low/med): LOW Date Received: 02/28/90

% Solids: 68.5

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

CAS No.	Analyte	Concentration	Q	M
17429-90-5	Aluminum			NR
17440-38-2	Arsenic	0.86	WN	F
17440-39-3	Barium			NR
17440-41-7	Beryllium			NR
17440-43-9	Cadmium			NR
17440-70-2	Calcium			NR
17440-47-3	Chromium	109		F
17440-48-4	Cobalt			NR
17440-50-8	Copper			NR
17439-89-6	Iron			NR
17439-92-1	Lead	267	N*	F
17439-95-4	Magnesium			NR
17439-96-5	Manganese			NR
17439-97-6	Mercury			NR
17440-02-0	Nickel			NR
17440-09-7	Potassium			NR
17440-22-4	Silver			NR
17440-23-5	Sodium			NR
17440-28-0	Thallium			NR
17440-62-2	Vanadium			NR
17440-66-6	Zinc			NR

Color Before: BROWN Clarity Before: Texture: FINE

Color After: BROWN Clarity After: Artifacts:

Comments:

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

ITW-7D

Lab Name: IT PITTSBURGH Contract: _____

Lab Code: ITPA Case No.: 03486 SAS No.: _____ SDG No.: 015

Matrix: (soil/water) SOIL Lab Sample ID: ITW-7D

Sample wt/vol: 5.1 (g/mL) G Lab File ID: 2080302D

Level: (low/med) LOW Date Received: 02/28/90

% Moisture: not dec. 16 Date Analyzed: 03/02/90

Column: (pack/cap) PACK Dilution Factor: 1.00

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) <u>UG/KG</u>	Q
74-87-3	Chloromethane	12	U
74-83-9	Bromomethane	12	U
75-01-4	Vinyl Chloride	18	
75-00-3	Chloroethane	12	U
75-09-2	Methylene Chloride	3	BJ
67-64-1	Acetone	59	
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)	4	J
67-66-3	Chloroform	6	U
107-06-2	1,2-Dichloroethane	6	U
78-93-3	2-Butanone	12	U
71-55-6	1,1,1-Trichloroethane	6	U
56-23-5	Carbon Tetrachloride	6	U
108-05-4	Vinyl Acetate	12	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
110-75-8	2-CHLOROETHYLVINYLETHER	24 12	U
75-25-2	Bromoform	6	U
108-10-1	4-Methyl-2-Pentanone	12	U
591-78-6	2-Hexanone	12	U
127-18-4	Tetrachloroethene	6	U
79-34-5	1,1,2,2-Tetrachloroethane	6	U
108-88-3	Toluene	3	J
108-90-7	Chlorobenzene	6	U
100-41-4	Ethylbenzene	15	
100-42-5	Styrene	6	U
1330-20-7	Total Xylenes	87	
107-02-8	ACROLEIN	60 12	U

DOC
3/12/90

DOC
3/12/90

107-13-1-----ACRYLONITRILE

12 U 0012A
60

ARC
3/12/90

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

0018
EPA SAMPLE NO.

ITW7D

Lab Name: IT PITTSBURGH Contract: _____

Lab Code: ITPA Case No.: 03486 SAS No.: _____ SDG No.: 019

Matrix: (soil/water) SOIL Lab Sample ID: ITW7D

Sample wt/vol: 30.0 (g/mL) G Lab File ID: 5020314N

Level: (low/med) LOW Date Received: 02/28/90

% Moisture: not dec. 16 dec. _____ Date Extracted: 03/09/90

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 03/14/90

GPC Cleanup: (Y/N) Y pH: _____ Dilution Factor: 1.0

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) <u>UG/KG</u>	Q
108-95-2	Phenol	790	U
111-44-4	bis(2-Chloroethyl) Ether	790	U
95-57-8	2-Chlorophenol	790	U
541-73-1	1,3-Dichlorobenzene	790	U
106-46-7	1,4-Dichlorobenzene	790	U
100-51-6	Benzyl Alcohol	790	U
95-50-1	1,2-Dichlorobenzene	790	U
95-48-7	2-Methylphenol	790	U
108-60-1	bis(2-Chloroisopropyl) Ether	790	U
106-44-5	4-Methylphenol	790	U
621-64-7	N-Nitroso-Di-n-Propylamine	790	U
67-72-1	Hexachloroethane	790	U
98-95-3	Nitrobenzene	790	U
78-59-1	Isophorone	790	U
88-75-5	2-Nitrophenol	790	U
105-67-9	2,4-Dimethylphenol	790	U
65-85-0	Benzoic Acid	890	J
111-91-1	bis(2-Chloroethoxy) Methane	790	U
120-83-2	2,4-Dichlorophenol	790	U
120-82-1	1,2,4-Trichlorobenzene	790	U
91-20-3	Naphthalene	790	U
106-47-8	4-Chloroaniline	790	U
87-68-3	Hexachlorobutadiene	790	U
59-50-7	4-Chloro-3-Methylphenol	790	U
91-57-6	2-Methylnaphthalene	790	U
77-47-4	Hexachlorocyclopentadiene	790	U
88-06-2	2,4,6-Trichlorophenol	790	U
95-95-4	2,4,5-Trichlorophenol	3800	U
91-58-7	2-Chloronaphthalene	790	U
88-74-4	2-Nitroaniline	3800	U
131-11-3	Dimethyl Phthalate	790	U
208-96-8	Acenaphthylene	790	U
606-20-2	2,6-Dinitrotoluene	790	U

1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

0019A
EPA SAMPLE NO.

ITW7D

Lab Name: IT PITTSBURGH Contract: _____

Lab Code: ITPA Case No.: 03486 SAS No.: _____ SDG No.: 019

Matrix: (soil/water) SOIL Lab Sample ID: ITW7D

Sample wt/vol: 30.0 (g/mL) G Lab File ID: 5020314N

Level: (low/med) LOW Date Received: 02/28/90

% Moisture: not dec. 16 dec. _____ Date Extracted: 03/09/90

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 03/14/90

GPC Cleanup: (Y/N) Y pH: _____ Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) <u>UG/KG</u>	<u>Q</u>
99-09-2	3-Nitroaniline	3800	U
83-32-9	Acenaphthene	790	U
51-28-5	2,4-Dinitrophenol	3800	U
100-02-7	4-Nitrophenol	3800	U
132-64-9	Dibenzofuran	790	U
121-14-2	2,4-Dinitrotoluene	790	U
84-66-2	Diethylphthalate	790	U
7005-72-3	4-Chlorophenyl-phenylether	790	U
86-73-7	Fluorene	790	U
100-01-6	4-Nitroaniline	3800	U
534-52-1	4,6-Dinitro-2-Methylphenol	3800	U
86-30-6	N-Nitrosodiphenylamine (1)	790	U
101-55-3	4-Bromophenyl-phenylether	790	U
118-74-1	Hexachlorobenzene	790	U
87-86-5	Pentachlorophenol	290	J
85-01-8	Phenanthrene	790	U
120-12-7	Anthracene	790	U
84-74-2	Di-n-Butylphthalate	790	U
206-44-0	Fluoranthene	790	U
129-00-0	Pyrene	790	U
85-68-7	Butylbenzylphthalate	790	U
91-94-1	3,3'-Dichlorobenzidine	1600	U
56-55-3	Benzo(a)Anthracene	790	U
218-01-9	Chrysene	790	U
117-81-7	bis(2-Ethylhexyl)Phthalate	1700	U
117-84-0	Di-n-Octyl Phthalate	180	J
205-99-2	Benzo(b)Fluoranthene	790	U
207-08-9	Benzo(k)Fluoranthene	790	U
50-32-8	Benzo(a)Pyrene	790	U
193-39-5	Indeno(1,2,3-cd)Pyrene	790	U
53-70-3	Dibenz(a,h)Anthracene	790	U
191-24-2	Benzo(g,h,i)Perylene	790	U

(1) - Cannot be separated from Diphenylamine

10
PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

ITW7D 0020A

Lab Name: IT PITTSBURGH Contract: _____

Code: ITPA Case No.: 03486 SAS No.: _____ SDG No.: 015

Matrix: (soil/water) SOIL Lab Sample ID: Q00213504

Sample wt/vol: 30.0 (g/mL) G Lab File ID: _____

Level: (low/med) LOW Date Received: 02/28/90

% Moisture: not dec. 17 dec. _____ Date Extracted: 03/03/90

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 03/13/90

GPC Cleanup: (Y/N) Y pH: 5.1 Dilution Factor: 1.00

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

CAS NO. COMPOUND

319-84-6	alpha-BHC	19	U
319-85-7	beta-BHC	19	U
319-86-8	delta-BHC	19	U
58-89-9	gamma-BHC (Lindane)	19	U
76-44-8	Heptachlor	19	U
309-00-2	Aldrin	19	U
1024-57-3	Heptachlor epoxide	19	U
959-98-8	Endosulfan I	19	U
60-57-1	Dieldrin	39	U
72-55-9	4,4'-DDE	39	U
72-20-8	Endrin	39	U
33213-65-9	Endosulfan II	39	U
72-54-8	4,4'-DDD	39	U
1031-07-8	Endosulfan sulfate	39	U
50-29-3	4,4'-DDT	39	U
72-43-5	Methoxychlor	190	U
53494-70-5	Endrin ketone	39	U
5103-71-9	alpha-Chlordane	190	U
5103-74-2	gamma-Chlordane	190	U
8001-35-2	Toxaphene	390	U
12674-11-2	Aroclor-1016	190	U
11104-28-2	Aroclor-1221	190	U
11141-16-5	Aroclor-1232	190	U
53469-21-9	Aroclor-1242	190	U
12672-29-6	Aroclor-1248	190	U
11097-69-1	Aroclor-1254	390	U
11096-82-5	Aroclor-1260	390	U

1
INORGANIC ANALYSES DATA SHEET

EPA SAMPLE NO.

ITW7D

Lab Name: ITAS_PITTSBURGH Contract: FIRESTONE

Lab Code: ITPA Case No.: 03486 SAS No.: SDG No.: 015

Matrix (soil/water): SOIL Lab Sample ID: ITW7D

Level (low/med): LOW Date Received: 02/28/90

% Solids: 83.1

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

CAS No.	Analyte	Concentration	Q	M
17429-90-5	Aluminum	11800		F
17440-38-2	Arsenic	0.48	N	F
17440-39-3	Barium	41.1		F
17440-41-7	Beryllium	0.26		F
17440-43-9	Cadmium	0.48		F
17440-70-2	Calcium	214		F
17440-47-3	Chromium	13.1		F
17440-48-4	Cobalt	4.7		F
17440-50-8	Copper	5.4		F
17439-89-6	Iron	14400		F
17439-92-1	Lead	9.7	SN*	F
17439-95-4	Magnesium	1300		F
17439-96-5	Manganese	314	N*	F
17439-97-6	Mercury	0.12	N	CV
17440-02-0	Nickel	2.4		F
17440-09-7	Potassium	2670		F
17440-22-4	Silver	0.71		F
17440-23-5	Sodium	74.1		F
17440-28-0	Thallium	0.48		F
17440-62-2	Vanadium	10.2		F
17440-66-6	Zinc	33.3		F

Color Before: BROWN Clarity Before: Texture: FINE

Color After: BROWN Clarity After: Artifacts:

Comments:

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

003A
EPA SAMPLE NO.

ITW8A

Lab Name: IT PITTSBURGH Contract: _____

Lab Code: ITPA Case No.: 03486 SAS No.: _____ SDG No.: 018

Matrix: (soil/water) SOIL Lab Sample ID: ITW8A

Sample wt/vol: 5.0 (g/mL) G Lab File ID: 2010306D

Level: (low/med) LOW Date Received: 03/01/90

% Moisture: not dec. 25 Date Analyzed: 03/06/90

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) <u>UG/KG</u>	Q
74-87-3	-----Chloromethane	13	U
74-83-9	-----Bromomethane	13	U
75-01-4	-----Vinyl Chloride	13	U
75-00-3	-----Chloroethane	13	U
75-09-2	-----Methylene Chloride	2	Bd
67-64-1	-----Acetone	9	J
75-15-0	-----Carbon Disulfide	7	U
75-35-4	-----1,1-Dichloroethene	7	U
75-34-3	-----1,1-Dichloroethane	7	U
540-59-0	-----1,2-Dichloroethene (total)	7	U
67-66-3	-----Chloroform	7	U
107-06-2	-----1,2-Dichloroethane	7	U
78-93-3	-----2-Butanone	13	U
71-55-6	-----1,1,1-Trichloroethane	7	U
56-23-5	-----Carbon Tetrachloride	7	U
108-05-4	-----Vinyl Acetate	13	U
75-27-4	-----Bromodichloromethane	7	U
78-87-5	-----1,2-Dichloropropane	7	U
10061-01-5	-----cis-1,3-Dichloropropene	7	U
79-01-6	-----Trichloroethene	7	U
124-48-1	-----Dibromochloromethane	7	U
79-00-5	-----1,1,2-Trichloroethane	7	U
71-43-2	-----Benzene	7	U
10061-02-6	-----Trans-1,3-Dichloropropene	7	U
110-75-8	-----2-CHLOROETHYLVINYLETHER	7	U
75-25-2	-----Bromoform	7	U
108-10-1	-----4-Methyl-2-Pentanone	13	U
591-78-6	-----2-Hexanone	13	U
127-18-4	-----Tetrachloroethene	7	U
79-34-5	-----1,1,2,2-Tetrachloroethane	7	U
108-88-3	-----Toluene	7	U
108-90-7	-----Chlorobenzene	7	U
100-41-4	-----Ethylbenzene	7	U
100-42-5	-----Styrene	7	U
1330-20-7	-----Total Xylenes	7	U
107-02-8	-----ACROLEIN	7	U

3/11/90
CMP

65-15

107-13-1-----ACRYLONITRILE

65-13

U

004/4

FORM I VOA

1/87 Rev

AR302980

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

0020A
EPA SAMPLE NO.

ITW8A

Lab Name: IT PITTSBURGH Contract: _____

Lab Code: ITPA Case No.: 03486 SAS No.: _____ SDG No.: 019

Matrix: (soil/water) SOIL Lab Sample ID: ITW8A

Sample wt/vol: 30.0 (g/mL) G Lab File ID: 5090315D

Level: (low/med) LOW Date Received: 03/01/90

% Moisture: not dec. 25 dec. _____ Date Extracted: 03/10/90

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 03/15/90

GPC Cleanup: (Y/N) Y pH: _____ Dilution Factor: 1.0

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) <u>UG/KG</u>	<u>Q</u>
108-95-2	Phenol	880	U
111-44-4	bis(2-Chloroethyl) Ether	880	U
95-57-8	2-Chlorophenol	880	U
541-73-1	1,3-Dichlorobenzene	880	U
106-46-7	1,4-Dichlorobenzene	880	U
100-51-6	Benzyl Alcohol	880	U
95-50-1	1,2-Dichlorobenzene	880	U
95-48-7	2-Methylphenol	880	U
108-60-1	bis(2-Chloroisopropyl) Ether	880	U
106-44-5	4-Methylphenol	880	U
621-64-7	N-Nitroso-Di-n-Propylamine	880	U
67-72-1	Hexachloroethane	880	U
98-95-3	Nitrobenzene	880	U
78-59-1	Isophorone	880	U
88-75-5	2-Nitrophenol	880	U
105-67-9	2,4-Dimethylphenol	880	U
65-85-0	Benzoic Acid	4300	U
111-91-1	bis(2-Chloroethoxy) Methane	880	U
120-83-2	2,4-Dichlorophenol	880	U
120-82-1	1,2,4-Trichlorobenzene	880	U
91-20-3	Naphthalene	880	U
106-47-8	4-Chloroaniline	880	U
87-68-3	Hexachlorobutadiene	880	U
59-50-7	4-Chloro-3-Methylphenol	880	U
91-57-6	2-Methylnaphthalene	880	U
77-47-4	Hexachlorocyclopentadiene	880	U
88-06-2	2,4,6-Trichlorophenol	880	U
95-95-4	2,4,5-Trichlorophenol	4300	U
91-58-7	2-Chloronaphthalene	880	U
88-74-4	2-Nitroaniline	4300	U
131-11-3	Dimethyl Phthalate	880	U
208-96-8	Acenaphthylene	880	U
606-20-2	2,6-Dinitrotoluene	880	U

0021A

EPA SAMPLE NO.

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: IT PITTSBURGH Contract: _____

Lab Code: ITPA Case No.: 03486 SAS No.: _____ SDG No.: 019

Matrix: (soil/water) SOIL Lab Sample ID: ITW8A

Sample wt/vol: 30.0 (g/mL) G Lab File ID: 5090315D

Level: (low/med) LOW Date Received: 03/01/90

% Moisture: not dec. 25 dec. _____ Date Extracted: 03/10/90

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 03/15/90

GPC Cleanup: (Y/N) Y pH: _____ Dilution Factor: 1.0

ITW8A

CAS NO. COMPOUND CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG Q

99-09-2	3-Nitroaniline	4300	U
83-32-9	Acenaphthene	880	U
51-28-5	2,4-Dinitrophenol	4300	U
100-02-7	4-Nitrophenol	4300	U
132-64-9	Dibenzofuran	880	U
121-14-2	2,4-Dinitrotoluene	880	U
84-66-2	Diethylphthalate	880	U
7005-72-3	4-Chlorophenyl-phenylether	880	U
86-73-7	Fluorene	880	U
100-01-6	4-Nitroaniline	4300	U
534-52-1	4,6-Dinitro-2-Methylphenol	4300	U
86-30-6	N-Nitrosodiphenylamine (1)	880	U
101-55-3	4-Bromophenyl-phenylether	880	U
118-74-1	Hexachlorobenzene	880	U
87-86-5	Pentachlorophenol	4300	U
85-01-8	Phenanthrene	880	U
120-12-7	Anthracene	880	U
84-74-2	Di-n-Butylphthalate	880	U
206-44-0	Fluoranthene	880	U
129-00-0	Pyrene	880	U
85-68-7	Butylbenzylphthalate	880	U
91-94-1	3,3'-Dichlorobenzidine	1800	U
56-55-3	Benzo (a) Anthracene	880	U
218-01-9	Chrysene	880	U
117-81-7	bis (2-Ethylhexyl) Phthalate	270	J
117-84-0	Di-n-Octyl Phthalate	880	U
205-99-2	Benzo (b) Fluoranthene	880	U
207-08-9	Benzo (k) Fluoranthene	880	U
50-32-8	Benzo (a) Pyrene	880	U
193-39-5	Indeno (1,2,3-cd) Pyrene	880	U
53-70-3	Dibenz (a,h) Anthracene	880	U
191-24-2	Benzo (g,h,i) Perylene	880	U

(1) - Cannot be separated from Diphenylamine

1D
PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

ITW8A

021/A

Name: IT PITTSBURGH Contract: _____
 Code: ITPA Case No.: 03486 SAS No.: _____ SDG No.: 018
 Matrix: (soil/water) SOIL Lab Sample ID: Q00300401
 Sample wt/vol: 30.0 (g/mL) G Lab File ID: _____
 Level: (low/med) LOW Date Received: 03/01/90
 % Moisture: not dec. 25 dec. _____ Date Extracted: 03/09/90
 Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 03/25/90
 GPC Cleanup: (Y/N) Y pH: 6.6 Dilution Factor: 1.00

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

CAS NO. COMPOUND Q

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) <u>UG/KG</u>	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	43	U
72-55-9	4,4'-DDE	43	U
72-20-8	Endrin	43	U
33213-65-9	Endosulfan II	43	U
72-54-8	4,4'-DDD	43	U
1031-07-8	Endosulfan sulfate	43	U
50-29-3	4,4'-DDT	43	U
72-43-5	Methoxychlor	210	U
53494-70-5	Endrin ketone	43	U
5103-71-9	alpha-Chlordane	210	U
5103-74-2	gamma-Chlordane	210	U
8001-35-2	Toxaphene	430	U
12674-11-2	Aroclor-1016	210	U
11104-28-2	Aroclor-1221	210	U
11141-16-5	Aroclor-1232	210	U
53469-21-9	Aroclor-1242	210	U
12672-29-6	Aroclor-1248	210	U
11097-69-1	Aroclor-1254	430	U
11096-82-5	Aroclor-1260	430	U

U.S. EPA - CLP

1
INORGANIC ANALYSES DATA SHEET

EPA SAMPLE NO.

ITWBA

Lab Name: ITAS_PITTSBURGH_____ Contract: FIRESTONE_

Lab Code: ITPA__ Case No.: 03486 SAS No.: _____ SDG No.: 01E__

Matrix (soil/water): SOIL_ Lab Sample ID: ITWBA_____

Level (low/med): LOW__ Date Received: 03/01/70

% Solids: _74.6

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

ICAS No.	Analyte	Concentration	CI	Q	M
17429-90-5	Aluminum	12300		*	P
17440-38-2	Arsenic	3.6			F
17440-39-3	Barium	82.1			P
17440-41-7	Beryllium	1.6			P
17440-43-9	Cadmium	0.54	U	N*	P
17440-70-2	Calcium	4390			P
17440-47-3	Chromium	16.5		N*	P
17440-48-4	Cobalt	7.7	B		P
17440-50-8	Copper	16.7			P
17439-89-6	Iron	14900		*	P
17439-92-1	Lead	15.9		*	F
17439-95-4	Magnesium	3470			P
17439-96-5	Manganese	393		N*	P
17439-97-6	Mercury	0.12	U	N*	CV
17440-02-0	Nickel	9.4	B		P
17440-09-7	Potassium	399	B		P
17440-22-4	Silver	0.80	U	N	P
17440-23-5	Sodium	60.5	B		P
17440-28-0	Thallium	0.52	U		F
17440-62-2	Vanadium	25.3			P
17440-66-6	Zinc	29.8		*	P

Color Before: BROWN_____ Clarity Before: _____ Texture: FINE__

Color After: BROWN_____ Clarity After: _____ Artifacts: _____

Comments:

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

ITW8B1

Lab Name: IT PITTSBURGH Contract: _____
 Lab Code: ITPA Case No.: 03486 SAS No.: _____ SDG No.: 018
 Matrix: (soil/water) SOIL Lab Sample ID: ITW8B1
 Sample wt/vol: 4.9 (g/mL) G Lab File ID: 2020306D
 Level: (low/med) LOW Date Received: 03/01/90
 % Moisture: not dec. 31 Date Analyzed: 03/06/90
 Column: (pack/cap) PACK Dilution Factor: 1.00

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) <u>UG/KG</u>	Q
74-87-3	Chloromethane	15	U
74-83-9	Bromomethane	15	U
75-01-4	Vinyl Chloride	15	U
75-00-3	Chloroethane	28	
75-09-2	Methylene Chloride	2	BJ
67-64-1	Acetone	43	
75-15-0	Carbon Disulfide	7	U
75-35-4	1,1-Dichloroethene	7	U
75-34-3	1,1-Dichloroethane	7	U
540-59-0	1,2-Dichloroethene (total)	7	U
67-66-3	Chloroform	7	U
107-06-2	1,2-Dichloroethane	5	BJ
78-93-3	2-Butanone	15	U
71-55-6	1,1,1-Trichloroethane	7	U
56-23-5	Carbon Tetrachloride	7	U
108-05-4	Vinyl Acetate	15	U
75-27-4	Bromodichloromethane	7	U
78-87-5	1,2-Dichloropropane	7	U
10061-01-5	cis-1,3-Dichloropropene	7	U
79-01-6	Trichloroethene	7	U
124-48-1	Dibromochloromethane	7	U
79-00-5	1,1,2-Trichloroethane	7	U
71-43-2	Benzene	7	U
10061-02-4	Trans-1,3-Dichloropropene	7	U
110-75-8	2-CHLOROETHYLVINYLETHER	7	U
75-25-2	Bromoform	7	U
108-10-1	4-Methyl-2-Pentanone	15	U
591-78-6	2-Hexanone	15	U
127-18-4	Tetrachloroethene	7	U
79-34-5	1,1,2,2-Tetrachloroethane	7	U
108-88-3	Toluene	7	U
108-90-7	Chlorobenzene	7	U
100-41-4	Ethylbenzene	7	U
100-42-5	Styrene	7	U
1330-20-7	Total Xylenes	4	BJ
107-02-8	ACROLEIN	7	U

*3/11/90
EMF*
~~30~~ 15
~~75~~ 15

107-13-1-----ACRYLONITRILE

7515

U

006A

FORM I VOA

1/87 Rev

AR302986

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

ITW8B1

Lab Name: IT PITTSBURGH Contract: _____

Lab Code: ITPA Case No.: 03486 SAS No.: _____ SDG No.: 019

Matrix: (soil/water) SOIL Lab Sample ID: ITW8B1

Sample wt/vol: 30.0 (g/mL) G Lab File ID: 5100315D

Level: (low/med) LOW Date Received: 03/01/90

% Moisture: not dec. 31 dec. _____ Date Extracted: 03/10/90

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 03/15/90

GPC Cleanup: (Y/N) Y pH: _____ Dilution Factor: 1.0

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) <u>UG/KG</u>	Q
108-95-2	Phenol	960	U
111-44-4	bis(2-Chloroethyl) Ether	960	U
95-57-8	2-Chlorophenol	960	U
541-73-1	1,3-Dichlorobenzene	960	U
106-46-7	1,4-Dichlorobenzene	960	U
100-51-6	Benzyl Alcohol	960	U
95-50-1	1,2-Dichlorobenzene	960	U
95-48-7	2-Methylphenol	960	U
108-60-1	bis(2-Chloroisopropyl) Ether	960	U
106-44-5	4-Methylphenol	960	U
621-64-7	N-Nitroso-Di-n-Propylamine	960	U
67-72-1	Hexachloroethane	960	U
98-95-3	Nitrobenzene	960	U
78-59-1	Isophorone	960	U
88-75-5	2-Nitrophenol	960	U
105-67-9	2,4-Dimethylphenol	960	U
65-85-0	Benzoic Acid	4600	U
111-91-1	bis(2-Chloroethoxy) Methane	960	U
120-83-2	2,4-Dichlorophenol	960	U
120-82-1	1,2,4-Trichlorobenzene	960	U
91-20-3	Naphthalene	960	U
106-47-8	4-Chloroaniline	960	U
87-68-3	Hexachlorobutadiene	960	U
59-50-7	4-Chloro-3-Methylphenol	960	U
91-57-6	2-Methylnaphthalene	150	J
77-47-4	Hexachlorocyclopentadiene	960	U
88-06-2	2,4,6-Trichlorophenol	960	U
95-95-4	2,4,5-Trichlorophenol	4600	U
91-58-7	2-Chloronaphthalene	960	U
88-74-4	2-Nitroaniline	4600	U
131-11-3	Dimethyl Phthalate	960	U
208-96-8	Acenaphthylene	960	U
606-20-2	2,6-Dinitrotoluene	960	U

1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

0023A
EPA SAMPLE NO.

ITW8B1

Lab Name: IT PITTSBURGH Contract: _____

Lab Code: ITPA Case No.: 03486 SAS No.: _____ SDG No.: 019

Matrix: (soil/water) SOIL Lab Sample ID: ITW8B1

Sample wt/vol: 30.0 (g/mL) G Lab File ID: 5100315D

Level: (low/med) LOW Date Received: 03/01/90

% Moisture: not dec. 31 dec. _____ Date Extracted: 03/10/90

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 03/15/90

GPC Cleanup: (Y/N) Y pH: _____ Dilution Factor: 1.0

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) <u>UG/KG</u>	Q
99-09-2	3-Nitroaniline	4600	U
83-32-9	Acenaphthene	960	U
51-28-5	2,4-Dinitrophenol	4600	U
100-02-7	4-Nitrophenol	4600	U
132-64-9	Dibenzofuran	960	U
121-14-2	2,4-Dinitrotoluene	960	U
84-66-2	Diethylphthalate	960	U
7005-72-3	4-Chlorophenyl-phenylether	960	U
86-73-7	Fluorene	960	U
100-01-6	4-Nitroaniline	4600	U
534-52-1	4,6-Dinitro-2-Methylphenol	4600	U
86-30-6	N-Nitrosodiphenylamine (1)	960	U
101-55-3	4-Bromophenyl-phenylether	960	U
118-74-1	Hexachlorobenzene	960	U
87-86-5	Pentachlorophenol	4600	U
85-01-8	Phenanthrene	240	J
120-12-7	Anthracene	960	U
84-74-2	Di-n-Butylphthalate	960	U
206-44-0	Fluoranthene	960	U
129-00-0	Pyrene	960	U
85-68-7	Butylbenzylphthalate	500	J
91-94-1	3,3'-Dichlorobenzidine	1900	U
56-55-3	Benzo(a)Anthracene	960	U
218-01-9	Chrysene	960	U
117-81-7	bis(2-Ethylhexyl)Phthalate	21000	E
117-84-0	Di-n-Octyl Phthalate	3900	
205-99-2	Benzo(b)Fluoranthene	960	U
207-08-9	Benzo(k)Fluoranthene	960	U
50-32-8	Benzo(a)Pyrene	960	U
193-39-5	Indeno(1,2,3-cd)Pyrene	960	U
53-70-3	Dibenz(a,h)Anthracene	960	U
191-24-2	Benzo(g,h,i)Perylene	960	U

(1) - Cannot be separated from Diphenylamine

U.S. EPA - CLP

1
INORGANIC ANALYSES DATA SHEET

EPA SAMPLE NO.

ITW881

Lab Name: ITAS_PITTSBURGH_____ Contract: FIRESTONE_

Lab Code: ITPA__ Case No.: 03486 SAS No.: _____ SDG No.: C1B__

Matrix (soil/water): SOIL_ Lab Sample ID: ITW881_____

Level (low/med): LOW__ Date Received: 03/01/90

% Solids: _65.0

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

CAS No.	Analyte	Concentration	C	Q	IM
7429-90-5	Aluminum	4960		*	F
7440-38-2	Arsenic	1.2	B		F
7440-39-3	Barium	20.8	B		F
7440-41-7	Beryllium	0.80	B		F
7440-43-9	Cadmium	2.7		N*	F
7440-70-2	Calcium	452	B		F
7440-47-3	Chromium	73.9		N*	F
7440-48-4	Cobalt	1.2	B		F
7440-50-8	Copper	10.2			F
7439-89-6	Iron	5480		*	F
7439-92-1	Lead	63.3		*	F
7439-95-4	Magnesium	435	B		F
7439-96-5	Manganese	65.4		N*	F
7439-97-6	Mercury	1.3		N*	CV
7440-02-0	Nickel	3.1	B		F
7440-09-7	Potassium	148	B		F
7440-22-4	Silver	0.90	U	N	F
7440-23-5	Sodium	117	B		F
7440-28-0	Thallium	0.60	U		F
7440-62-2	Vanadium	9.0	B		F
7440-66-6	Zinc	86.8		*	F

Color Before: GRAY_____ Clarity Before: _____ Texture: MEDIUM

Color After: GRAY_____ Clarity After: _____ Artifacts: YES_____

Comments:

ARTIFACTS: __STONES_____

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

0024/
EPA SAMPLE NO.

ITW8B1DL

Lab Name: IT PITTSBURGH Contract: _____

Lab Code: ITPA Case No.: 03486 SAS No.: _____ SDG No.: 019

Matrix: (soil/water) SOIL Lab Sample ID: ITW8B1DL

Sample wt/vol: 30.0 (g/mL) G Lab File ID: 5120315D

Level: (low/med) LOW Date Received: 03/01/90

% Moisture: not dec. 31 dec. _____ Date Extracted: 03/10/90

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 03/15/90

GPC Cleanup: (Y/N) Y pH: _____ Dilution Factor: 5.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) <u>UG/KG</u>	Q
108-95-2	Phenol	4800	U
111-44-4	bis(2-Chloroethyl) Ether	4800	U
95-57-8	2-Chlorophenol	4800	U
541-73-1	1,3-Dichlorobenzene	4800	U
106-46-7	1,4-Dichlorobenzene	4800	U
100-51-6	Benzyl Alcohol	4800	U
95-50-1	1,2-Dichlorobenzene	4800	U
95-48-7	2-Methylphenol	4800	U
108-60-1	bis(2-Chloroisopropyl) Ether	4800	U
106-44-5	4-Methylphenol	4800	U
621-64-7	N-Nitroso-Di-n-Propylamine	4800	U
67-72-1	Hexachloroethane	4800	U
98-95-3	Nitrobenzene	4800	U
78-59-1	Isophorone	4800	U
88-75-5	2-Nitrophenol	4800	U
105-67-9	2,4-Dimethylphenol	4800	U
65-85-0	Benzoic Acid	23000	U
111-91-1	bis(2-Chloroethoxy) Methane	4800	U
120-83-2	2,4-Dichlorophenol	4800	U
120-82-1	1,2,4-Trichlorobenzene	4800	U
91-20-3	Naphthalene	4800	U
106-47-8	4-Chloroaniline	4800	U
87-68-3	Hexachlorobutadiene	4800	U
59-50-7	4-Chloro-3-Methylphenol	4800	U
91-57-6	2-Methylnaphthalene	4800	U
77-47-4	Hexachlorocyclopentadiene	4800	U
88-06-2	2,4,6-Trichlorophenol	4800	U
95-95-4	2,4,5-Trichlorophenol	23000	U
91-58-7	2-Chloronaphthalene	4800	U
88-74-4	2-Nitroaniline	23000	U
131-11-3	Dimethyl Phthalate	4800	U
208-96-8	Acenaphthylene	4800	U
606-20-2	2,6-Dinitrotoluene	4800	U

AR302990

1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

ITW8B1DL

Lab Name: IT PITTSBURGH Contract: _____
 Lab Code: ITPA Case No.: 03486 SAS No.: _____ SDG No.: 019
 Matrix: (soil/water) SOIL Lab Sample ID: ITW8B1DL
 Sample wt/vol: 30.0 (g/mL) G Lab File ID: 5120315D
 Level: (low/med) LOW Date Received: 03/01/90
 % Moisture: not dec. 31 dec. _____ Date Extracted: 03/10/90
 Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 03/15/90
 GPC Cleanup: (Y/N) Y pH: _____ Dilution Factor: 5.0

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) <u>UG/KG</u>	Q
99-09-2	3-Nitroaniline	23000	U
83-32-9	Acenaphthene	4800	U
51-28-5	2,4-Dinitrophenol	23000	U
100-02-7	4-Nitrophenol	23000	U
132-64-9	Dibenzofuran	4800	U
121-14-2	2,4-Dinitrotoluene	4800	U
84-66-2	Diethylphthalate	4800	U
7005-72-3	4-Chlorophenyl-phenylether	4800	U
86-73-7	Fluorene	4800	U
100-01-6	4-Nitroaniline	23000	U
534-52-1	4,6-Dinitro-2-Methylphenol	23000	U
86-30-6	N-Nitrosodiphenylamine (1)	4800	U
101-55-3	4-Bromophenyl-phenylether	4800	U
118-74-1	Hexachlorobenzene	4800	U
87-86-5	Pentachlorophenol	23000	U
85-01-8	Phenanthrene	4800	U
120-12-7	Anthracene	4800	U
84-74-2	Di-n-Butylphthalate	4800	U
206-44-0	Fluoranthene	4800	U
129-00-0	Pyrene	4800	U
85-68-7	Butylbenzylphthalate	4800	U
91-94-1	3,3'-Dichlorobenzidine	9600	U
56-55-3	Benzo(a)Anthracene	4800	U
218-01-9	Chrysene	4800	U
117-81-7	bis(2-Ethylhexyl)Phthalate	21000	D
117-84-0	Di-n-Octyl Phthalate	3400	DJ
205-99-2	Benzo(b)Fluoranthene	4800	U
207-08-9	Benzo(k)Fluoranthene	4800	U
50-32-8	Benzo(a)Pyrene	4800	U
193-39-5	Indeno(1,2,3-cd)Pyrene	4800	U
53-70-3	Dibenz(a,h)Anthracene	4800	U
191-24-2	Benzo(g,h,i)Perylene	4800	U

(1) - Cannot be separated from Diphenylamine

1D
PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

ITW8B1

I Name: IT PITTSBURGH Contract: _____

Lab Code: ITPA Case No.: 03486 SAS No.: _____ SDG No.: 018

Matrix: (soil/water) SOIL Lab Sample ID: Q00300402

Sample wt/vol: 30.0 (g/mL) G Lab File ID: _____

Level: (low/med) LOW Date Received: 03/01/90

% Moisture: not dec. 35 dec. _____ Date Extracted: 03/09/90

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 03/24/90

PC Cleanup: (Y/N) Y pH: 6.9 Dilution Factor: 10.0

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/KG Q

319-84-6	alpha-BHC	250	U
319-85-7	beta-BHC	250	U
319-86-8	delta-BHC	250	U
58-89-9	gamma-BHC (Lindane)	250	U
76-44-8	Heptachlor	250	U
309-00-2	Aldrin	250	U
1024-57-3	Heptachlor epoxide	250	U
959-98-8	Endosulfan I	250	U
60-57-1	Dieldrin	490	U
72-55-9	4,4'-DDE	490	U
72-20-8	Endrin	490	U
33213-65-9	Endosulfan II	490	U
72-54-8	4,4'-DDD	490	U
1031-07-8	Endosulfan sulfate	490	U
50-29-3	4,4'-DDT	490	U
72-43-5	Methoxychlor	2500	U
53494-70-5	Endrin ketone	490	U
5103-71-9	alpha-Chlordane	2500	U
5103-74-2	gamma-Chlordane	2500	U
8001-35-2	Toxaphene	4900	U
12674-11-2	Aroclor-1016	2500	U
11104-28-2	Aroclor-1221	2500	U
11141-16-5	Aroclor-1232	2500	U
53469-21-9	Aroclor-1242	2500	U
12672-29-6	Aroclor-1248	2500	U
11097-69-1	Aroclor-1254	4900	U
11096-82-5	Aroclor-1260	4900	U

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

ITW8B2

Lab Name: IT PITTSBURGH Contract: _____

Lab Code: ITPA Case No.: 03486 SAS No.: _____ SDG No.: 018

Matrix: (soil/water) SOIL Lab Sample ID: ITW8B2

Sample wt/vol: 4.9 (g/mL) G Lab File ID: 2030306D

Level: (low/med) LOW Date Received: 03/01/90

% Moisture: not dec. 31 Date Analyzed: 03/06/90

Column: (pack/cap) PACK Dilution Factor: 1.00

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) <u>UG/KG</u>	Q
74-87-3	-----Chloromethane	15	U
74-83-9	-----Bromomethane	15	U
75-01-4	-----Vinyl Chloride	15	U
75-00-3	-----Chloroethane	47	U
75-09-2	-----Methylene Chloride	4	BJ
67-64-1	-----Acetone	150	U
75-15-0	-----Carbon Disulfide	7	U
75-35-4	-----1,1-Dichloroethene	7	U
75-34-3	-----1,1-Dichloroethane	7	U
540-59-0	-----1,2-Dichloroethene (total)	7	U
67-66-3	-----Chloroform	7	U
107-06-2	-----1,2-Dichloroethane	18	B
78-93-3	-----2-Butanone	15	U
71-55-6	-----1,1,1-Trichloroethane	7	U
56-23-5	-----Carbon Tetrachloride	7	U
108-05-4	-----Vinyl Acetate	15	U
75-27-4	-----Bromodichloromethane	7	U
78-87-5	-----1,2-Dichloropropane	7	U
10061-01-5	-----cis-1,3-Dichloropropene	7	U
79-01-6	-----Trichloroethene	2	J
124-48-1	-----Dibromochloromethane	7	U
79-00-5	-----1,1,2-Trichloroethane	7	U
71-43-2	-----Benzene	7	U
10061-02-6	-----Trans-1,3-Dichloropropene	7	U
110-75-8	-----2-CHLOROETHYLVINYLETHER	3015	U
75-25-2	-----Bromoform	7	U
108-10-1	-----4-Methyl-2-Pentanone	24	U
591-78-6	-----2-Hexanone	12	J
127-18-4	-----Tetrachloroethene	7	U
79-34-5	-----1,1,2,2-Tetrachloroethane	7	U
108-88-3	-----Toluene	3	BJ
108-90-7	-----Chlorobenzene	7	U
100-41-4	-----Ethylbenzene	8	U
100-42-5	-----Styrene	7	U
1330-20-7	-----Total Xylenes	46	B
107-02-8	-----ACROLEIN	75-15	U

FORM I VOA

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AR302993

107-13-1-----ACRYLONITRILE

7515

U

00344

EPA SAMPLE NO.

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

ITW8B2

Lab Name: IT PITTSBURGH Contract: _____

Lab Code: ITPA Case No.: 03486 SAS No.: _____ SDG No.: 019

Matrix: (soil/water) SOIL Lab Sample ID: ITW8B2

Sample wt/vol: 30.0 (g/mL) G Lab File ID: 5050316D

Level: (low/med) LOW Date Received: 03/01/90

% Moisture: not dec. 31 dec. _____ Date Extracted: 03/10/90

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 03/16/90

GPC Cleanup: (Y/N) Y pH: _____ Dilution Factor: 10

CAS NO.	COMPOUND	CONCENTRATION UNITS:	
		(ug/L or ug/Kg)	UG/KG
108-95-2	Phenol	10000	U
111-44-4	bis(2-Chloroethyl) Ether	10000	U
95-57-8	2-Chlorophenol	10000	U
541-73-1	1,3-Dichlorobenzene	10000	U
106-46-7	1,4-Dichlorobenzene	10000	U
100-51-6	Benzyl Alcohol	10000	U
95-50-1	1,2-Dichlorobenzene	10000	U
95-48-7	2-Methylphenol	10000	U
108-60-1	bis(2-Chloroisopropyl) Ether	10000	U
106-44-5	4-Methylphenol	10000	U
621-64-7	N-Nitroso-Di-n-Propylamine	10000	U
67-72-1	Hexachloroethane	10000	U
98-95-3	Nitrobenzene	10000	U
78-59-1	Isophorone	10000	U
88-75-5	2-Nitrophenol	10000	U
105-67-9	2,4-Dimethylphenol	10000	U
65-85-0	Benzoic Acid	1800	J
111-91-1	bis(2-Chloroethoxy) Methane	10000	U
120-83-2	2,4-Dichlorophenol	10000	U
120-82-1	1,2,4-Trichlorobenzene	10000	U
91-20-3	Naphthalene	10000	U
106-47-8	4-Chloroaniline	10000	U
87-68-3	Hexachlorobutadiene	10000	U
59-50-7	4-Chloro-3-Methylphenol	10000	U
91-57-6	2-Methylnaphthalene	10000	U
77-47-4	Hexachlorocyclopentadiene	10000	U
88-06-2	2,4,6-Trichlorophenol	10000	U
95-95-4	2,4,5-Trichlorophenol	49000	U
91-58-7	2-Chloronaphthalene	10000	U
88-74-4	2-Nitroaniline	49000	U
131-11-3	Dimethyl Phthalate	10000	U
208-96-8	Acenaphthylene	10000	U
606-20-2	2,6-Dinitrotoluene	10000	U

AR302995

0035A

EPA SAMPLE NO.

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

ITW8B2

Lab Name: IT PITTSBURGH Contract: _____

Lab Code: ITPA Case No.: 03486 SAS No.: _____ SDG No.: 019

Matrix: (soil/water) SOIL Lab Sample ID: ITW8B2

Sample wt/vol: 30.0 (g/mL) G Lab File ID: 5050316D

Level: (low/med) LOW Date Received: 03/01/90

% Moisture: not dec. 31 dec. _____ Date Extracted: 03/10/90

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 03/16/90

GPC Cleanup: (Y/N) Y pH: _____ Dilution Factor: 10

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/KG

Q

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) <u>UG/KG</u>	Q
99-09-2	3-Nitroaniline	49000	U
83-32-9	Acenaphthene	10000	U
51-28-5	2,4-Dinitrophenol	49000	U
100-02-7	4-Nitrophenol	49000	U
132-64-9	Dibenzofuran	10000	U
121-14-2	2,4-Dinitrotoluene	10000	U
84-66-2	Diethylphthalate	10000	U
7005-72-3	4-Chlorophenyl-phenylether	10000	U
86-73-7	Fluorene	10000	U
100-01-6	4-Nitroaniline	49000	U
534-52-1	4,6-Dinitro-2-Methylphenol	49000	U
86-30-6	N-Nitrosodiphenylamine (1)	1200	J
101-55-3	4-Bromophenyl-phenylether	10000	U
118-74-1	Hexachlorobenzene	10000	U
87-86-5	Pentachlorophenol	49000	U
85-01-8	Phenanthrene	10000	U
120-12-7	Anthracene	10000	U
84-74-2	Di-n-Butylphthalate	10000	U
206-44-0	Fluoranthene	10000	U
129-00-0	Pyrene	10000	U
85-68-7	Butylbenzylphthalate	10000	U
91-94-1	3,3'-Dichlorobenzidine	20000	U
56-55-3	Benzo(a)Anthracene	10000	U
218-01-9	Chrysene	10000	U
117-81-7	bis(2-Ethylhexyl)Phthalate	10000	U
117-84-0	Di-n-Octyl Phthalate	39000	
205-99-2	Benzo(b)Fluoranthene	10000	U
207-08-9	Benzo(k)Fluoranthene	10000	U
50-32-8	Benzo(a)Pyrene	10000	U
193-39-5	Indeno(1,2,3-cd)Pyrene	10000	U
53-70-3	Dibenz(a,h)Anthracene	10000	U
191-24-2	Benzo(g,h,i)Perylene	10000	U

(1) - Cannot be separated from Diphenylamine

1D
PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO. **0254**

ITW8B2

I Name: IT PITTSBURGH Contract: _____

Code: ITPA Case No.: 03486 SAS No.: _____ SDG No.: 018

Matrix: (soil/water) SOIL Lab Sample ID: Q00300405

Sample wt/vol: 30.0 (g/mL) G Lab File ID: _____

Level: (low/med) LOW Date Received: 03/01/90

% Moisture: not dec. 31 dec. _____ Date Extracted: 03/09/90

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 03/25/90

GPC Cleanup: (Y/N) Y pH: 6.8 Dilution Factor: 6.00

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) <u>UG/KG</u>	Q
319-84-6	alpha-BHC	140	U
319-85-7	beta-BHC	140	U
319-86-8	delta-BHC	140	U
58-89-9	gamma-BHC (Lindane)	140	U
76-44-8	Heptachlor	140	U
309-00-2	Aldrin	140	U
1024-57-3	Heptachlor epoxide	140	U
959-98-8	Endosulfan I	140	U
60-57-1	Dieldrin	280	U
72-55-9	4,4'-DDE	280	U
72-20-8	Endrin	280	U
33213-65-9	Endosulfan II	280	U
72-54-8	4,4'-DDD	280	U
1031-07-8	Endosulfan sulfate	280	U
50-29-3	4,4'-DDT	280	U
72-43-5	Methoxychlor	1400	U
53494-70-5	Endrin ketone	280	U
5103-71-9	alpha-Chlordane	1400	U
5103-74-2	gamma-Chlordane	1400	U
8001-35-2	Toxaphene	2800	U
12674-11-2	Aroclor-1016	1400	U
11104-28-2	Aroclor-1221	1400	U
11141-16-5	Aroclor-1232	1400	U
53469-21-9	Aroclor-1242	1400	U
12672-29-6	Aroclor-1248	1400	U
11097-69-1	Aroclor-1254	2800	U
11096-82-5	Aroclor-1260	2800	U

U.S. EPA - CLF

1
INORGANIC ANALYSES DATA SHEET

EPA SAMPLE NO.

ITW8B2

Lab Name: ITAS_PITTSBURGH_____ Contract: FIRESTONE_

Lab Code: ITPA__ Case No.: 03486 SAS No.: _____ SDG No.: 018__

Matrix (soil/water): SOIL__ Lab Sample ID: ITW8B2_____

Level (low/med): LOW__ Date Received: 03/01/90

% Solids: 69.4

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

CAS No.	Analyte	Concentration	Q	M
17429-90-5	Aluminum	4750	*	F
17440-38-2	Arsenic	1.7		F
17440-39-3	Barium	10.9		F
17440-41-7	Beryllium	0.76		F
17440-43-9	Cadmium	0.57	N*	F
17440-70-2	Calcium	372		F
17440-47-3	Chromium	48.8	N*	F
17440-48-4	Cobalt	0.57		F
17440-50-8	Copper	5.9		F
17439-89-6	Iron	3750	*	F
17439-92-1	Lead	166	S*	F
17439-95-4	Magnesium	352		F
17439-96-5	Manganese	20.2	N*	F
17439-97-6	Mercury	0.59	N*	CV
17440-02-0	Nickel	1.1		F
17440-09-7	Potassium	96.9		F
17440-22-4	Silver	0.85	N	F
17440-23-5	Sodium	88.1		F
17440-28-0	Thallium	0.56		F
17440-62-2	Vanadium	6.1		F
17440-66-6	Zinc	77.1	*	F

Color Before: GRAY_____ Clarity Before: _____ Texture: FINE__

Color After: GRAY_____ Clarity After: _____ Artifacts: _____

Comments:

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

ITW8C

Lab Name: IT PITTSBURGH Contract: _____

Lab Code: ITPA Case No.: 03486 SAS No.: _____ SDG No.: 018

Matrix: (soil/water) SOIL Lab Sample ID: ITW8C

Sample wt/vol: 5.0 (g/mL) G Lab File ID: 2040306D

Level: (low/med) LOW Date Received: 03/01/90

% Moisture: not dec. 21 Date Analyzed: 03/06/90

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

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) <u>UG/KG</u>	Q
74-87-3	Chloromethane	13	U
74-83-9	Bromomethane	13	U
75-01-4	Vinyl Chloride	13	U
75-00-3	Chloroethane	13	U
75-09-2	Methylene Chloride	1	Bd
67-64-1	Acetone	22	
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	13	U
71-55-6	1,1,1-Trichloroethane	6	U
56-23-5	Carbon Tetrachloride	6	U
108-05-4	Vinyl Acetate	13	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
110-75-8	2-CHLOROETHYLVINYLETHER	24-13	U
75-25-2	Bromoform	6	U
108-10-1	4-Methyl-2-Pentanone	13	U
591-78-6	2-Hexanone	13	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	3	J
100-42-5	Styrene	6	U
1330-20-7	Total Xylenes	19	B
107-02-8	ACROLEIN	65-15	U

EMF!
3/11/90

107-13-1-----ACRYLONITRILE

6513

U

0144

FORM I VOA

1/87 Res

AR303000

0036A

EPA SAMPLE NO.

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

ITW8C

Lab Name: IT PITTSBURGH Contract: _____

Lab Code: ITPA Case No.: 03486 SAS No.: _____ SDG No.: 019

Matrix: (soil/water) SOIL Lab Sample ID: ITW8C

Sample wt/vol: 30.0 (g/mL) G Lab File ID: 5070315D

Level: (low/med) LOW Date Received: 03/01/90

% Moisture: not dec. 21 dec. _____ Date Extracted: 03/10/90

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 03/15/90

GPC Cleanup: (Y/N) Y pH: _____ Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) <u>UG/KG</u>	Q
108-95-2	Phenol	840	U
111-44-4	bis(2-Chloroethyl) Ether	840	U
95-57-8	2-Chlorophenol	840	U
541-73-1	1,3-Dichlorobenzene	840	U
106-46-7	1,4-Dichlorobenzene	840	U
100-51-6	Benzyl Alcohol	840	U
95-50-1	1,2-Dichlorobenzene	840	U
95-48-7	2-Methylphenol	840	U
108-60-1	bis(2-Chloroisopropyl) Ether	840	U
106-44-5	4-Methylphenol	840	U
621-64-7	N-Nitroso-Di-n-Propylamine	840	U
67-72-1	Hexachloroethane	840	U
98-95-3	Nitrobenzene	840	U
78-59-1	Isophorone	840	U
88-75-5	2-Nitrophenol	840	U
105-67-9	2,4-Dimethylphenol	840	U
65-85-0	Benzoic Acid	4100	U
111-91-1	bis(2-Chloroethoxy) Methane	840	U
120-83-2	2,4-Dichlorophenol	840	U
120-82-1	1,2,4-Trichlorobenzene	840	U
91-20-3	Naphthalene	840	U
106-47-8	4-Chloroaniline	840	U
87-68-3	Hexachlorobutadiene	840	U
59-50-7	4-Chloro-3-Methylphenol	840	U
91-57-6	2-Methylnaphthalene	840	U
77-47-4	Hexachlorocyclopentadiene	840	U
88-06-2	2,4,6-Trichlorophenol	840	U
95-95-4	2,4,5-Trichlorophenol	4100	U
91-58-7	2-Chloronaphthalene	840	U
88-74-4	2-Nitroaniline	4100	U
131-11-3	Dimethyl Phthalate	840	U
208-96-8	Acenaphthylene	840	U
606-20-2	2,6-Dinitrotoluene	840	U

00374

1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

Lab Name: IT PITTSBURGH Contract: _____

Lab Code: ITPA Case No.: 03486 SAS No.: _____ SDG No.: 019

Matrix: (soil/water) SOIL Lab Sample ID: ITW8C

Sample wt/vol: 30.0 (g/mL) G Lab File ID: 5070315D

Level: (low/med) LOW Date Received: 03/01/90

% Moisture: not dec. 21 dec. _____ Date Extracted: 03/10/90

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 03/15/90

GPC Cleanup: (Y/N) Y pH: _____ Dilution Factor: 1.0

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) <u>UG/KG</u>	Q
99-09-2	3-Nitroaniline	4100	U
83-32-9	Acenaphthene	840	U
51-28-5	2,4-Dinitrophenol	4100	U
100-02-7	4-Nitrophenol	4100	U
132-64-9	Dibenzofuran	840	U
121-14-2	2,4-Dinitrotoluene	840	U
84-66-2	Diethylphthalate	840	U
7005-72-3	4-Chlorophenyl-phenylether	840	U
86-73-7	Fluorene	840	U
100-01-6	4-Nitroaniline	4100	U
534-52-1	4,6-Dinitro-2-Methylphenol	4100	U
86-30-6	N-Nitrosodiphenylamine (1)	840	U
101-55-3	4-Bromophenyl-phenylether	840	U
118-74-1	Hexachlorobenzene	840	U
87-86-5	Pentachlorophenol	4100	U
85-01-8	Phenanthrene	840	U
120-12-7	Anthracene	840	U
84-74-2	Di-n-Butylphthalate	840	U
206-44-0	Fluoranthene	840	U
129-00-0	Pyrene	840	U
85-68-7	Butylbenzylphthalate	840	U
91-94-1	3,3'-Dichlorobenzidine	1700	U
56-55-3	Benzo(a)Anthracene	840	U
218-01-9	Chrysene	840	U
117-81-7	bis(2-Ethylhexyl)Phthalate	290	J
117-84-0	Di-n-Octyl Phthalate	840	U
205-99-2	Benzo(b)Fluoranthene	840	U
207-08-9	Benzo(k)Fluoranthene	840	U
50-32-8	Benzo(a)Pyrene	840	U
193-39-5	Indeno(1,2,3-cd)Pyrene	840	U
53-70-3	Dibenz(a,h)Anthracene	840	U
191-24-2	Benzo(g,h,i)Perylene	840	U

(1) - Cannot be separated from Diphenylamine

1D
PESTICIDE ORGANICS ANALYSIS DATA SHEET

026A
EPA SAMPLE NO.

ITW8C

Name: IT PITTSBURGH Contract: _____
 Code: ITPA Case No.: 03486 SAS No.: _____ SDG No.: 018
 Matrix: (soil/water) SOIL Lab Sample ID: Q00300406
 Sample wt/vol: 30.0 (g/mL) G Lab File ID: _____
 Level: (low/med) LOW Date Received: 03/01/90
 % Moisture: not dec. 21 dec. _____ Date Extracted: 03/09/90
 Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 03/25/90
 GPC Cleanup: (Y/N) Y pH: 7.1 Dilution Factor: 1.00

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) <u>UG/KG</u>	Q
319-84-6	alpha-BHC	20	U
319-85-7	beta-BHC	20	U
319-86-8	delta-BHC	20	U
58-89-9	gamma-BHC (Lindane)	20	U
76-44-8	Heptachlor	20	U
309-00-2	Aldrin	20	U
1024-57-3	Heptachlor epoxide	20	U
959-98-8	Endosulfan I	20	U
60-57-1	Dieldrin	41	U
72-55-9	4,4'-DDE	41	U
72-20-8	Endrin	41	U
33213-65-9	Endosulfan II	41	U
72-54-8	4,4'-DDD	41	U
1031-07-8	Endosulfan sulfate	41	U
50-29-3	4,4'-DDT	41	U
72-43-5	Methoxychlor	200	U
53494-70-5	Endrin ketone	41	U
5103-71-9	alpha-Chlordane	200	U
5103-74-2	gamma-Chlordane	200	U
8001-35-2	Toxaphene	410	U
12674-11-2	Aroclor-1016	200	U
11104-28-2	Aroclor-1221	200	U
11141-16-5	Aroclor-1232	200	U
53469-21-9	Aroclor-1242	200	U
12672-29-6	Aroclor-1248	200	U
11097-69-1	Aroclor-1254	410	U
11096-82-5	Aroclor-1260	410	U

AR303003

U.S. EPA - CLP

1
INORGANIC ANALYSES DATA SHEET

EPA SAMPLE NO.

ITWBC

Lab Name: ITAS_PITTSBURGH_____ Contract: FIRESTONE_____

Lab Code: ITPA___ Case No.: 03486 SAS No.: _____ SDG No.: 01B___

Matrix (soil/water): SQIL___ Lab Sample ID: ITWBC_____

Level (low/med): LOW___ Date Received: 03/01/90

% Solids: _79.3

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

CAS No.	Analyte	Concentration	Q	IM
17429-90-5	Aluminum	8410	*	P
17440-38-2	Arsenic	14.2		F
17440-39-3	Barium	6.2	B	P
17440-41-7	Beryllium	1.4		P
17440-43-9	Cadmium	0.50	U N*	P
17440-70-2	Calcium	76.1	B	P
17440-47-3	Chromium	44.7	N*	P
17440-48-4	Cobalt	3.8	B	P
17440-50-8	Copper	36.7		P
17439-89-6	Iron	90500	*	P
17439-92-1	Lead	12.7	*	F
17439-95-4	Magnesium	97.7	B	P
17439-76-5	Manganese	23.1	N*	F
17439-97-6	Mercury	0.10	U N*	CV
17440-02-0	Nickel	4.7	B	P
17440-09-7	Potassium	50.0	B	P
17440-22-4	Silver	0.76	U N	P
17440-23-5	Sodium	62.3	B	P
17440-28-0	Thallium	0.50	U	F
17440-62-2	Vanadium	185		P
17440-66-6	Zinc	16.3	*	P

Color Before: BROWN___ Clarity Before: _____ Texture: FINE___

Color After: BROWN___ Clarity After: _____ Artifacts: _____

Comments:

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

ITW9A

Lab Name: IT PITTSBURGH Contract: _____

Lab Code: ITPA Case No.: 03486 SAS No.: _____ SDG No.: 018

Matrix: (soil/water) SOIL Lab Sample ID: ITW9A

Sample wt/vol: 4.9 (g/mL) G Lab File ID: 2050306D

Level: (low/med) LOW Date Received: 03/01/90

% Moisture: not dec. 28 Date Analyzed: 03/06/90

Column: (pack/cap) PACK Dilution Factor: 1.00

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) <u>UG/KG</u>	Q
74-87-3	Chloromethane	14	U
74-83-9	Bromomethane	14	U
75-01-4	Vinyl Chloride	14	U
75-00-3	Chloroethane	14	U
75-09-2	Methylene Chloride	2	BJ
67-64-1	Acetone	24	
75-15-0	Carbon Disulfide	7	U
75-35-4	1,1-Dichloroethene	7	U
75-34-3	1,1-Dichloroethane	7	U
540-59-0	1,2-Dichloroethene (total)	7	U
67-66-3	Chloroform	7	U
107-06-2	1,2-Dichloroethane	7	U
78-93-3	2-Butanone	14	U
71-55-6	1,1,1-Trichloroethane	7	U
56-23-5	Carbon Tetrachloride	7	U
108-05-4	Vinyl Acetate	14	U
75-27-4	Bromodichloromethane	7	U
78-87-5	1,2-Dichloropropane	7	U
10061-01-5	cis-1,3-Dichloropropene	7	U
79-01-6	Trichloroethene	7	U
124-48-1	Dibromochloromethane	7	U
79-00-5	1,1,2-Trichloroethane	7	U
71-43-2	Benzene	7	U
10061-02-6	Trans-1,3-Dichloropropene	7	U
110-75-8	2-CHLOROETHYLVINYLETHER	14	U
75-25-2	Bromoform	7	U
108-10-1	4-Methyl-2-Pentanone	14	U
591-78-6	2-Hexanone	14	U
127-18-4	Tetrachloroethene	7	U
79-34-5	1,1,2,2-Tetrachloroethane	7	U
108-88-3	Toluene	7	U
108-90-7	Chlorobenzene	7	U
100-41-4	Ethylbenzene	7	U
100-42-5	Styrene	7	U
1330-20-7	Total Xylenes	7	BJ
107-02-8	ACROLEIN	14	U

EMF
3/11/90

70

107-13-1-----ACRYLONITRILE

7014

U

016

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

ITW9A

Lab Name: IT PITTSBURGH Contract: _____

Lab Code: ITPA Case No.: 03486 SAS No.: _____ SDG No.: 019

Matrix: (soil/water) SOIL Lab Sample ID: ITW9A

Sample wt/vol: 30.0 (g/mL) G Lab File ID: 5040316D

Level: (low/med) LOW Date Received: 03/01/90

% Moisture: not dec. 28 dec. _____ Date Extracted: 03/10/90

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 03/16/90

GPC Cleanup: (Y/N) Y pH: _____ Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS:	
		(ug/L or ug/Kg)	UG/KG
108-95-2	Phenol	920	U
111-44-4	bis(2-Chloroethyl) Ether	920	U
95-57-8	2-Chlorophenol	920	U
541-73-1	1,3-Dichlorobenzene	920	U
106-46-7	1,4-Dichlorobenzene	920	U
100-51-6	Benzyl Alcohol	920	U
95-50-1	1,2-Dichlorobenzene	920	U
95-48-7	2-Methylphenol	920	U
108-60-1	bis(2-Chloroisopropyl) Ether	920	U
106-44-5	4-Methylphenol	920	U
621-64-7	N-Nitroso-Di-n-Propylamine	920	U
67-72-1	Hexachloroethane	920	U
98-95-3	Nitrobenzene	920	U
78-59-1	Isophorone	920	U
88-75-5	2-Nitrophenol	920	U
105-67-9	2,4-Dimethylphenol	920	U
65-85-0	Benzoic Acid	610	J
111-91-1	bis(2-Chloroethoxy) Methane	920	U
120-83-2	2,4-Dichlorophenol	920	U
120-82-1	1,2,4-Trichlorobenzene	920	U
91-20-3	Naphthalene	920	U
106-47-8	4-Chloroaniline	920	U
87-68-3	Hexachlorobutadiene	920	U
59-50-7	4-Chloro-3-Methylphenol	920	U
91-57-6	2-Methylnaphthalene	920	U
77-47-4	Hexachlorocyclopentadiene	920	U
88-06-2	2,4,6-Trichlorophenol	920	U
95-95-4	2,4,5-Trichlorophenol	4400	U
91-58-7	2-Chloronaphthalene	920	U
88-74-4	2-Nitroaniline	4400	U
131-11-3	Dimethyl Phthalate	920	U
208-96-8	Acenaphthylene	920	U
606-20-2	2,6-Dinitrotoluene	920	U

1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

ITW9A

Lab Name: IT PITTSBURGH Contract: _____

Lab Code: ITPA Case No.: 03486 SAS No.: _____ SDG No.: 019

Matrix: (soil/water) SOIL Lab Sample ID: ITW9A

Sample wt/vol: 30.0 (g/mL) G Lab File ID: 5040316D

Level: (low/med) LOW Date Received: 03/01/90

% Moisture: not dec. 28 dec. _____ Date Extracted: 03/10/90

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 03/16/90

GPC Cleanup: (Y/N) Y pH: _____ Dilution Factor: 1.0

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) <u>UG/KG</u>	Q
99-09-2-----	3-Nitroaniline	4400	U
83-32-9-----	Acenaphthene	920	U
51-28-5-----	2,4-Dinitrophenol	4400	U
100-02-7-----	4-Nitrophenol	4400	U
132-64-9-----	Dibenzofuran	920	U
121-14-2-----	2,4-Dinitrotoluene	920	U
84-66-2-----	Diethylphthalate	920	U
7005-72-3-----	4-Chlorophenyl-phenylether	920	U
86-73-7-----	Fluorene	920	U
100-01-6-----	4-Nitroaniline	4400	U
534-52-1-----	4,6-Dinitro-2-Methylphenol	4400	U
86-30-6-----	N-Nitrosodiphenylamine (1)	920	U
101-55-3-----	4-Bromophenyl-phenylether	920	U
118-74-1-----	Hexachlorobenzene	920	U
87-86-5-----	Pentachlorophenol	4400	U
85-01-8-----	Phenanthrene	200	J
120-12-7-----	Anthracene	920	U
84-74-2-----	Di-n-Butylphthalate	920	U
206-44-0-----	Fluoranthene	290	J
129-00-0-----	Pyrene	210	J
85-68-7-----	Butylbenzylphthalate	450	J
91-94-1-----	3,3'-Dichlorobenzidine	1800	U
56-55-3-----	Benzo(a)Anthracene	99	J
218-01-9-----	Chrysene	160	J
117-81-7-----	bis(2-Ethylhexyl)Phthalate	780	J
117-84-0-----	Di-n-Octyl Phthalate	920	U
205-99-2-----	Benzo(b)Fluoranthene	140	J
207-08-9-----	Benzo(k)Fluoranthene	110	J
50-32-8-----	Benzo(a)Pyrene	110	J
193-39-5-----	Indeno(1,2,3-cd)Pyrene	920	U
53-70-3-----	Dibenz(a,h)Anthracene	920	U
191-24-2-----	Benzo(g,h,i)Perylene	920	U

(1) - Cannot be separated from Diphenylamine

1D
PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

027A

ITW9A

Lab Name: IT PITTSBURGH Contract: _____

Code: ITPA Case No.: 03486 SAS No.: _____ SDG No.: 018

Matrix: (soil/water) SOIL Lab Sample ID: Q00300407

Sample wt/vol: 30.0 (g/mL) G Lab File ID: _____

Level: (low/med) LOW Date Received: 03/01/90

% Moisture: not dec. 28 dec. _____ Date Extracted: 03/09/90

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 03/25/90

GPC Cleanup: (Y/N) Y pH: 3.6 Dilution Factor: 1.00

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

CAS NO.

COMPOUND

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	44	U
72-55-9	4,4'-DDE	44	U
72-20-8	Endrin	44	U
33213-65-9	Endosulfan II	44	U
72-54-8	4,4'-DDD	44	U
1031-07-8	Endosulfan sulfate	44	U
50-29-3	4,4'-DDT	44	U
72-43-5	Methoxychlor	220	U
53494-70-5	Endrin ketone	44	U
5103-71-9	alpha-Chlordane	220	U
5103-74-2	gamma-Chlordane	220	U
8001-35-2	Toxaphene	440	U
12674-11-2	Aroclor-1016	220	U
11104-28-2	Aroclor-1221	220	U
11141-16-5	Aroclor-1232	220	U
53469-21-9	Aroclor-1242	220	U
12672-29-6	Aroclor-1248	220	U
11097-69-1	Aroclor-1254	440	U
11096-82-5	Aroclor-1260	440	U

U.S. EPA - CLP

1
INORGANIC ANALYSES DATA SHEET

EPA SAMPLE NO.

ITW9A

Lab Name: ITAS_PITTSBURGH_____ Contract: FIRESTONE_____

Lab Code: ITPA___ Case No.: 03486 SAS No.: _____ SDG No.: 018___

Matrix (soil/water): SOIL___ Lab Sample ID: ITW9A_____

Level (low/med): LOW___ Date Received: 03/01/90

% Solids: _72.2

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

CAS No.	Analyte	Concentration	C	Q	M
17429-90-5	Aluminum	10700		*	F
17440-38-2	Arsenic	9.71			F
17440-39-3	Barium	173			F
17440-41-7	Beryllium	1.2	B		F
17440-43-9	Cadmium	0.54	U	N*	F
17440-70-2	Calcium	9720			F
17440-47-3	Chromium	24.5		N*	F
17440-48-4	Cobalt	7.9	B		F
17440-50-8	Copper	41.7			F
17439-89-6	Iron	16900		*	F
17439-92-1	Lead	278		*	F
17439-95-4	Magnesium	4140			F
17439-96-5	Manganese	428		N*	F
17439-97-6	Mercury	0.14	U	N*	CV
17440-02-0	Nickel	36.6			F
17440-09-7	Potassium	1510			F
17440-22-4	Silver	0.81	U	N	F
17440-23-5	Sodium	184	B		F
17440-28-0	Thallium	0.54	U	W	F
17440-62-2	Vanadium	33.9			F
17440-66-6	Zinc	331		*	F

Color Before: BROWN___ Clarity Before: _____ Texture: MEDIUM

Color After: BROWN___ Clarity After: _____ Artifacts: YES___

Comments:

ARTIFACTS: __ROOTS, STONES_____

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

ITW9B

Lab Name: IT PITTSBURGH Contract: _____

Lab Code: ITPA Case No.: 03486 SAS No.: _____ SDG No.: 018

Matrix: (soil/water) SOIL Lab Sample ID: ITW9B

Sample wt/vol: 5.0 (g/mL) G Lab File ID: 2090306D

Level: (low/med) LOW Date Received: 03/01/90

% Moisture: not dec. 8 Date Analyzed: 03/06/90

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

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) <u>UG/KG</u>	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	2	Bj
67-64-1	Acetone	94	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
110-75-8	2-CHLOROETHYLVINYLETHER	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	Total Xylenes	5	U
107-02-8	ACROLEIN	5	U

22-11

SNF 3/11/90

55-11

107-13-1-----ACRYLONITRILE

SH

U

018

FORM I VOA

1/87 Rev

AR303012

0040A

1B

EPA SAMPLE NO.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

ITW9B

Lab Name: IT PITTSBURGH Contract: _____

Lab Code: ITPA Case No.: 03486 SAS No.: _____ SDG No.: 019

Matrix: (soil/water) SOIL Lab Sample ID: ITW9B

Sample wt/vol: 30.1 (g/mL) G Lab File ID: 5110315D

Level: (low/med) LOW Date Received: 03/01/90

% Moisture: not dec. 8 dec. _____ Date Extracted: 03/10/90

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 03/15/90

GPC Cleanup: (Y/N) Y pH: _____ Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
108-95-2	Phenol	710	U
111-44-4	bis(2-Chloroethyl) Ether	710	U
95-57-8	2-Chlorophenol	710	U
541-73-1	1,3-Dichlorobenzene	710	U
106-46-7	1,4-Dichlorobenzene	710	U
100-51-6	Benzyl Alcohol	710	U
95-50-1	1,2-Dichlorobenzene	710	U
95-48-7	2-Methylphenol	710	U
108-60-1	bis(2-Chloroisopropyl) Ether	710	U
106-44-5	4-Methylphenol	710	U
621-64-7	N-Nitroso-Di-n-Propylamine	710	U
67-72-1	Hexachloroethane	710	U
98-95-3	Nitrobenzene	710	U
78-59-1	Isophorone	710	U
88-75-5	2-Nitrophenol	710	U
105-67-9	2,4-Dimethylphenol	710	U
65-85-0	Benzoic Acid	3500	U
111-91-1	bis(2-Chloroethoxy) Methane	710	U
120-83-2	2,4-Dichlorophenol	710	U
120-82-1	1,2,4-Trichlorobenzene	710	U
91-20-3	Naphthalene	710	U
106-47-8	4-Chloroaniline	710	U
87-68-3	Hexachlorobutadiene	710	U
59-50-7	4-Chloro-3-Methylphenol	710	U
91-57-6	2-Methylnaphthalene	710	U
77-47-4	Hexachlorocyclopentadiene	710	U
88-06-2	2,4,6-Trichlorophenol	710	U
95-95-4	2,4,5-Trichlorophenol	3500	U
91-58-7	2-Chloronaphthalene	710	U
88-74-4	2-Nitroaniline	3500	U
131-11-3	Dimethyl Phthalate	710	U
208-96-8	Acenaphthylene	710	U
606-20-2	2,6-Dinitrotoluene	710	U

1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

00414
EPA SAMPLE NO.

Lab Name: IT PITTSBURGH Contract: _____

Lab Code: ITPA Case No.: 03486 SAS No.: _____ SDG No.: 019

Matrix: (soil/water) SOIL Lab Sample ID: ITW9B

Sample wt/vol: 30.1 (g/mL) G Lab File ID: 5110315D

Level: (low/med) LOW Date Received: 03/01/90

% Moisture: not dec. 8 dec. _____ Date Extracted: 03/10/90

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 03/15/90

GPC Cleanup: (Y/N) Y pH: _____ Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) <u>UG/KG</u>	<u>Q</u>
99-09-2	3-Nitroaniline	3500	U
83-32-9	Acenaphthene	710	U
51-28-5	2,4-Dinitrophenol	3500	U
100-02-7	4-Nitrophenol	3500	U
132-64-9	Dibenzofuran	710	U
121-14-2	2,4-Dinitrotoluene	710	U
84-66-2	Diethylphthalate	710	U
7005-72-3	4-Chlorophenyl-phenylether	710	U
86-73-7	Fluorene	710	U
100-01-6	4-Nitroaniline	3500	U
534-52-1	4,6-Dinitro-2-Methylphenol	3500	U
86-30-6	N-Nitrosodiphenylamine (1)	710	U
101-55-3	4-Bromophenyl-phenylether	710	U
118-74-1	Hexachlorobenzene	710	U
87-86-5	Pentachlorophenol	3500	U
85-01-8	Phenanthrene	710	U
120-12-7	Anthracene	710	U
84-74-2	Di-n-Butylphthalate	710	U
206-44-0	Fluoranthene	710	U
129-00-0	Pyrene	710	U
85-68-7	Butylbenzylphthalate	710	U
91-94-1	3,3'-Dichlorobenzidine	1400	U
56-55-3	Benzo(a)Anthracene	710	U
218-01-9	Chrysene	710	U
117-81-7	bis(2-Ethylhexyl)Phthalate	280	J
117-84-0	Di-n-Octyl Phthalate	710	U
205-99-2	Benzo(b)Fluoranthene	710	U
207-08-9	Benzo(k)Fluoranthene	710	U
50-32-8	Benzo(a)Pyrene	710	U
193-39-5	Indeno(1,2,3-cd)Pyrene	710	U
53-70-3	Dibenz(a,h)Anthracene	710	U
191-24-2	Benzo(g,h,i)Perylene	710	U

(1) - Cannot be separated from Diphenylamine

1D
PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

ITW9B

028A

Name: IT PITTSBURGH

Contract:

Code: ITPA

Case No.: 03486

SAS No.:

SDG No.: 018

Matrix: (soil/water) SOIL

Lab Sample ID: Q00300409

Sample wt/vol: 30.0 (g/mL) G

Lab File ID:

Level: (low/med) LOW

Date Received: 03/01/90

% Moisture: not dec. 8 dec.

Date Extracted: 03/09/90

Extraction: (SepF/Cont/Sonc) SONC

Date Analyzed: 03/20/90

GPC Cleanup: (Y/N) Y pH: 6.8

Dilution Factor: 1.00

CAS NO.	COMPOUND	CONCENTRATION UNITS:	
		(ug/L or ug/Kg)	UG/KG
12674-11-2-----	Aroclor-1016	170	U
11104-28-2-----	Aroclor-1221	170	U
11141-16-5-----	Aroclor-1232	170	U
53469-21-9-----	Aroclor-1242	170	U
12672-29-6-----	Aroclor-1248	170	U
11097-69-1-----	Aroclor-1254	350	U
11096-82-5-----	Aroclor-1260	350	U

FORM I PEST

1/87 Rev.

AR303015

U.S. EPA - CLP

1
INORGANIC ANALYSES DATA SHEET

EPA SAMPLE NO.

Lab Name: ITAS_PITTSBURGH_____ Contract: FIRESTONE_ | ITW9B |
 Lab Code: ITPA___ Case No.: 03486 SAS No.: _____ SDG No.: 013___
 Matrix (soil/water): SOIL_ Lab Sample ID: ITW9B_____
 Level (low/med): LOW___ Date Received: 03/01/90
 % Solids: _92.4

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

CAS No.	Analyte	Concentration	Q	M
7429-90-5	Aluminum			NR
7440-38-2	Arsenic	1.9	B	F
7440-39-3	Barium			NR
7440-41-7	Beryllium			NR
7440-43-9	Cadmium			NR
7440-70-2	Calcium			NR
7440-47-3	Chromium	10.1	N*	P
7440-48-4	Cobalt			NR
7440-50-8	Copper			NR
7439-89-6	Iron			NR
7439-92-1	Lead	5.7	*	F
7439-95-4	Magnesium			NR
7439-96-5	Manganese			NR
7439-97-6	Mercury			NR
7440-02-0	Nickel			NR
7440-09-7	Potassium			NR
7440-22-4	Silver			NR
7440-23-5	Sodium			NR
7440-28-0	Thallium			NR
7440-62-2	Vanadium			NR
7440-66-6	Zinc			NR

Color Before: BROWN___ Clarity Before: _____ Texture: MEDIUM
 Color After: BROWN___ Clarity After: _____ Artifacts: YES___

Comments:

ARTIFACTS: STONES_____

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

019A
EPA SAMPLE NO.

ITW9C

Lab Name: IT PITTSBURGH Contract: _____
 Lab Code: ITPA Case No.: 03486 SAS No.: _____ SDG No.: 018
 Matrix: (soil/water) SOIL Lab Sample ID: ITW9C
 Sample wt/vol: 5.0 (g/mL) G Lab File ID: 2080306D
 Level: (low/med) LOW Date Received: 03/01/90
 % Moisture: not dec. 16 Date Analyzed: 03/06/90
 Column: (pack/cap) PACK Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) <u>UG/KG</u>	<u>Q</u>
74-87-3	Chloromethane	12	U
74-83-9	Bromomethane	12	U
75-01-4	Vinyl Chloride	12	U
75-00-3	Chloroethane	12	U
75-09-2	Methylene Chloride	2	BJ
67-64-1	Acetone	30	
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	31	
71-55-6	1,1,1-Trichloroethane	6	U
56-23-5	Carbon Tetrachloride	6	U
108-05-4	Vinyl Acetate	12	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
110-75-8	2-CHLOROETHYLVINYLETHER	6	U
75-25-2	Bromoform	6	U
108-10-1	4-Methyl-2-Pentanone	12	U
591-78-6	2-Hexanone	12	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	Total Xylenes	6	U
107-02-8	ACROLEIN	6	U

2412
SNF 3/11/90
6012

107-13-1-----ACRYLONITRILE

602

U

020/

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

ITW9C

Lab Name: IT PITTSBURGH Contract: _____

Lab Code: ITPA Case No.: 03486 SAS No.: _____ SDG No.: 019

Matrix: (soil/water) SOIL Lab Sample ID: ITW9C

Sample wt/vol: 30.0 (g/mL) G Lab File ID: 5080315D

Level: (low/med) LOW Date Received: 03/01/90

% Moisture: not dec. 16 dec. _____ Date Extracted: 03/10/90

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 03/15/90

GPC Cleanup: (Y/N) Y pH: _____ Dilution Factor: 1.0

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/KG

CAS NO. COMPOUND Q

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) <u>UG/KG</u>	Q
108-95-2	Phenol	790	U
111-44-4	bis(2-Chloroethyl) Ether	790	U
95-57-8	2-Chlorophenol	790	U
541-73-1	1,3-Dichlorobenzene	790	U
106-46-7	1,4-Dichlorobenzene	790	U
100-51-6	Benzyl Alcohol	790	U
95-50-1	1,2-Dichlorobenzene	790	U
95-48-7	2-Methylphenol	790	U
108-60-1	bis(2-Chloroisopropyl) Ether	790	U
106-44-5	4-Methylphenol	790	U
621-64-7	N-Nitroso-Di-n-Propylamine	790	U
67-72-1	Hexachloroethane	790	U
98-95-3	Nitrobenzene	790	U
78-59-1	Isophorone	790	U
88-75-5	2-Nitrophenol	790	U
105-67-9	2,4-Dimethylphenol	790	U
65-85-0	Benzoic Acid	100	J
111-91-1	bis(2-Chloroethoxy) Methane	790	U
120-83-2	2,4-Dichlorophenol	790	U
120-82-1	1,2,4-Trichlorobenzene	790	U
91-20-3	Naphthalene	790	U
106-47-8	4-Chloroaniline	790	U
87-68-3	Hexachlorobutadiene	790	U
59-50-7	4-Chloro-3-Methylphenol	790	U
91-57-6	2-Methylnaphthalene	790	U
77-47-4	Hexachlorocyclopentadiene	790	U
88-06-2	2,4,6-Trichlorophenol	790	U
95-95-4	2,4,5-Trichlorophenol	3800	U
91-58-7	2-Chloronaphthalene	790	U
88-74-4	2-Nitroaniline	3800	U
131-11-3	Dimethyl Phthalate	790	U
208-96-8	Acenaphthylene	790	U
606-20-2	2,6-Dinitrotoluene	790	U

1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

ITW9C

Lab Name: IT PITTSBURGH Contract: _____

Lab Code: ITPA Case No.: 03486 SAS No.: _____ SDG No.: 019

Matrix: (soil/water) SOIL Lab Sample ID: ITW9C

Sample wt/vol: 30.0 (g/mL) G Lab File ID: 5080315D

Level: (low/med) LOW Date Received: 03/01/90

% Moisture: not dec. 16 dec. _____ Date Extracted: 03/10/90

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 03/15/90

GPC Cleanup: (Y/N) Y pH: _____ Dilution Factor: 1.0

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) <u>UG/KG</u>	Q
99-09-2	3-Nitroaniline	3800	U
83-32-9	Acenaphthene	790	U
51-28-5	2,4-Dinitrophenol	3800	U
100-02-7	4-Nitrophenol	3800	U
132-64-9	Dibenzofuran	790	U
121-14-2	2,4-Dinitrotoluene	790	U
84-66-2	Diethylphthalate	790	U
7005-72-3	4-Chlorophenyl-phenylether	790	U
86-73-7	Fluorene	790	U
100-01-6	4-Nitroaniline	3800	U
534-52-1	4,6-Dinitro-2-Methylphenol	3800	U
86-30-6	N-Nitrosodiphenylamine (1)	790	U
101-55-3	4-Bromophenyl-phenylether	790	U
118-74-1	Hexachlorobenzene	790	U
87-86-5	Pentachlorophenol	3800	U
85-01-8	Phenanthrene	790	U
120-12-7	Anthracene	790	U
84-74-2	Di-n-Butylphthalate	790	U
206-44-0	Fluoranthene	790	U
129-00-0	Pyrene	790	U
85-68-7	Butylbenzylphthalate	790	U
91-94-1	3,3'-Dichlorobenzidine	1600	U
56-55-3	Benzo (a) Anthracene	790	U
218-01-9	Chrysene	790	U
117-81-7	bis (2-Ethylhexyl) Phthalate	450	J
117-84-0	Di-n-Octyl Phthalate	790	U
205-99-2	Benzo (b) Fluoranthene	790	U
207-08-9	Benzo (k) Fluoranthene	790	U
50-32-8	Benzo (a) Pyrene	790	U
193-39-5	Indeno (1,2,3-cd) Pyrene	790	U
53-70-3	Dibenz (a,h) Anthracene	790	U
191-24-2	Benzo (g,h,i) Perylene	790	U

(1) - Cannot be separated from Diphenylamine

1D
PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

ITW9C

029/1

Lab Name: IT PITTSBURGH

Contract: _____

Code: ITPA

Case No.: 03486

SAS No.: _____

SDG No.: 018

Matrix: (soil/water) SOIL

Lab Sample ID: Q00300408

Sample wt/vol: 30.1 (g/mL) G

Lab File ID: _____

Level: (low/med) LOW

Date Received: 03/01/90

% Moisture: not dec. 16 dec. _____

Date Extracted: 03/09/90

Extraction: (SepF/Cont/Sonc) SONC

Date Analyzed: 03/25/90

GPC Cleanup: (Y/N) Y pH: 3.8

Dilution Factor: 1.00

CONCENTRATION UNITS:

CAS NO.

COMPOUND

(ug/L or ug/Kg) UG/KG

Q

319-84-6	alpha-BHC	19	U
319-85-7	beta-BHC	19	U
319-86-8	delta-BHC	19	U
58-89-9	gamma-BHC (Lindane)	19	U
76-44-8	Heptachlor	19	U
309-00-2	Aldrin	19	U
1024-57-3	Heptachlor epoxide	19	U
959-98-8	Endosulfan I	19	U
60-57-1	Dieldrin	38	U
72-55-9	4,4'-DDE	38	U
72-20-8	Endrin	38	U
33213-65-9	Endosulfan II	38	U
72-54-8	4,4'-DDD	38	U
1031-07-8	Endosulfan sulfate	38	U
50-29-3	4,4'-DDT	38	U
72-43-5	Methoxychlor	190	U
53494-70-5	Endrin ketone	38	U
5103-71-9	alpha-Chlordane	190	U
5103-74-2	gamma-Chlordane	190	U
8001-35-2	Toxaphens	380	U
12674-11-2	Aroclor-1016	190	U
11104-28-2	Aroclor-1221	190	U
11141-16-5	Aroclor-1232	190	U
53469-21-9	Aroclor-1242	190	U
12672-29-6	Aroclor-1248	190	U
11097-69-1	Aroclor-1254	380	U
11096-82-5	Aroclor-1260	380	U

U.S. EPA - CLP

1
INORGANIC ANALYSES DATA SHEET

EPA SAMPLE NO.

ITW9C

Lab Name: ITAS_PITTSBURGH_____ Contract: FIRESTONE_____

Lab Code: ITPA__ Case No.: 03486 SAS No.: _____ SDG No.: 018__

Matrix (soil/water): SOIL__ Lab Sample ID: ITW9C_____

Level (low/med): LOW__ Date Received: 03/01/90

% Solids: _83.8

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

CAS No.	Analyte	Concentration	CI	Q	M
17429-90-5	Aluminum	3370		*	P
17440-38-2	Arsenic	2.8			F
17440-39-3	Barium	4.0	B		F
17440-41-7	Beryllium	0.76	B		F
17440-43-9	Cadmium	0.47	U	N*	F
17440-70-2	Calcium	30.6	B		F
17440-47-3	Chromium	14.1		N*	F
17440-48-4	Cobalt	1.1	B		F
17440-50-8	Copper	18.1			F
17439-89-6	Iron	15500		*	F
17439-92-1	Lead	3.0		*	F
17439-95-4	Magnesium	44.8	B		F
17439-96-5	Manganese	11.8		N*	F
17439-97-6	Mercury	0.63		N*	CV
17440-02-0	Nickel	0.94	U		F
17440-09-7	Potassium	162	B		F
17440-22-4	Silver	0.70	U	N	F
17440-23-5	Sodium	75.2	B		F
17440-28-0	Thallium	0.46	U		F
17440-62-2	Vanadium	18.5			F
17440-66-6	Zinc	4.3	B	*	F

Color Before: BROWN__ Clarity Before: _____ Texture: FINE__

Color After: BROWN__ Clarity After: _____ Artifacts: _____

Comments:

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

0003A
EPA SAMPLE NO.

ITW-10A

Lab Name: IT PITTSBURGH Contract: _____

Lab Code: ITPA Case No.: 03486 SAS No.: _____ SDG No.: 012

Matrix: (soil/water) SOIL Lab Sample ID: ITW-10A

Sample wt/vol: 5.0 (g/mL) G Lab File ID: 2030227N

Level: (low/med) LOW Date Received: 02/23/90

% Moisture: not dec. 14 Date Analyzed: 02/28/90

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

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) <u>UG/KG</u>	Q
74-87-3	Chloromethane	12	U
74-83-9	Bromomethane	12	U
75-01-4	Vinyl Chloride	12	U
75-00-3	Chloroethane	12	U
75-09-2	Methylene Chloride	4	J
67-64-1	Acetone	12	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	12	U
71-55-6	1,1,1-Trichloroethane	6	U
56-23-5	Carbon Tetrachloride	6	U
108-05-4	Vinyl Acetate	12	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
110-75-8	2-CHLOROETHYLVINYLETHER	24-12	U
75-25-2	Bromoform	6	U
108-10-1	4-Methyl-2-Pentanone	12	U
591-78-6	2-Hexanone	12	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	Total Xylenes	6	U
107-02-8	ACROLEIN	60-12	U

K-0
3/6/90

107-13-1-----ACRYLONITRILE

60-12

U

-60-12

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

ITW-10A

Lab Name: IT PITTSBURGH Contract: _____
 Lab Code: ITPA Case No.: 03486 SAS No.: _____ SDG No.: 021
 Matrix: (soil/water) SOIL Lab Sample ID: ITW-10A
 Sample wt/vol: 30.1 (g/mL) G Lab File ID: 5090328D
 Level: (low/med) LOW Date Received: 03/07/90
 % Moisture: not dec. 13 dec. _____ Date Extracted: 03/15/90
 Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 03/28/90
 GPC Cleanup: (Y/N) Y pH: _____ Dilution Factor: 1.0

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/KG Q

108-95-2	Phenol	750	U
111-44-4	bis(2-Chloroethyl) Ether	750	U
95-57-8	2-Chlorophenol	750	U
541-73-1	1,3-Dichlorobenzene	750	U
106-46-7	1,4-Dichlorobenzene	750	U
100-51-6	Benzyl Alcohol	750	U
95-50-1	1,2-Dichlorobenzene	750	U
95-48-7	2-Methylphenol	750	U
108-60-1	bis(2-Chloroisopropyl) Ether	750	U
106-44-5	4-Methylphenol	420	J
621-64-7	N-Nitroso-Di-n-Propylamine	750	U
67-72-1	Hexachloroethane	750	U
98-95-3	Nitrobenzene	750	U
78-59-1	Isophorone	750	U
88-75-5	2-Nitrophenol	750	U
105-67-9	2,4-Dimethylphenol	750	U
65-85-0	Benzoic Acid	510	J
111-91-1	bis(2-Chloroethoxy) Methane	750	U
120-83-2	2,4-Dichlorophenol	750	U
120-82-1	1,2,4-Trichlorobenzene	750	U
91-20-3	Naphthalene	750	U
106-47-8	4-Chloroaniline	750	U
87-68-3	Hexachlorobutadiene	750	U
59-50-7	4-Chloro-3-Methylphenol	750	U
91-57-6	2-Methylnaphthalene	750	U
77-47-4	Hexachlorocyclopentadiene	750	U
88-06-2	2,4,6-Trichlorophenol	750	U
95-95-4	2,4,5-Trichlorophenol	3700	U
91-58-7	2-Chloronaphthalene	750	U
88-74-4	2-Nitroaniline	3700	U
131-11-3	Dimethyl Phthalate	750	U
208-96-8	Acenaphthylene	750	U
606-20-2	2,6-Dinitrotoluene	750	U

1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

ITW-10A

Lab Name: IT PITTSBURGH Contract: _____

Lab Code: ITPA Case No.: 03486 SAS No.: _____ SDG No.: 021

Matrix: (soil/water) SOIL Lab Sample ID: ITW-10A

Sample wt/vol: 30.1 (g/mL) G Lab File ID: 5090328D

Level: (low/med) LOW Date Received: 03/07/90

% Moisture: not dec. 13 dec. _____ Date Extracted: 03/15/90

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 03/28/90

GPC Cleanup: (Y/N) Y pH: _____ Dilution Factor: 1.0

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) <u>UG/KG</u>	Q
99-09-2	3-Nitroaniline	3700	U
83-32-9	Acenaphthene	750	U
51-28-5	2,4-Dinitrophenol	3700	U
100-02-7	4-Nitrophenol	3700	U
132-64-9	Dibenzofuran	750	U
121-14-2	2,4-Dinitrotoluene	750	U
84-66-2	Diethylphthalate	580	J
7005-72-3	4-Chlorophenyl-phenylether	750	U
86-73-7	Fluorene	100	J
100-01-6	4-Nitroaniline	3700	U
534-52-1	4,6-Dinitro-2-Methylphenol	3700	U
86-30-6	N-Nitrosodiphenylamine (1)	750	U
101-55-3	4-Bromophenyl-phenylether	750	U
118-74-1	Hexachlorobenzene	750	U
87-86-5	Pentachlorophenol	3700	U
85-01-8	Phenanthrene	640	J
120-12-7	Anthracene	110	J
84-74-2	Di-n-Butylphthalate	750	U
206-44-0	Fluoranthene	560	J
129-00-0	Pyrene	450	BJ
85-68-7	Butylbenzylphthalate	750	U
91-94-1	3,3'-Dichlorobenzidine	1500	U
56-55-3	Benzo(a)Anthracene	190	J
218-01-9	Chrysene	410	J
117-81-7	bis(2-Ethylhexyl)Phthalate	13000	E
117-84-0	Di-n-Octyl Phthalate	7500	
205-99-2	Benzo(b)Fluoranthene	560	J
207-08-9	Benzo(k)Fluoranthene	750	U
50-32-8	Benzo(a)Pyrene	170	J
193-39-5	Indeno(1,2,3-cd)Pyrene	130	J
53-70-3	Dibenz(a,h)Anthracene	750	U
191-24-2	Benzo(g,h,i)Perylene	140	J

(1) - Cannot be separated from Diphenylamine

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

ITW-10ADL

Lab Name: IT PITTSBURGH Contract: _____

Lab Code: ITPA Case No.: 03486 SAS No.: _____ SDG No.: 021

Matrix: (soil/water) SOIL Lab Sample ID: ITW-10ADL

Sample wt/vol: 30.1 (g/mL) G Lab File ID: 5110328D

Level: (low/med) LOW Date Received: 03/07/90

% Moisture: not dec. 13 dec. _____ Date Extracted: 03/15/90

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 03/23/90

GPC Cleanup: (Y/N) Y pH: _____ Dilution Factor: 2.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) <u>UG/KG</u>	Q
108-95-2	Phenol	1500	U
111-44-4	bis(2-Chloroethyl) Ether	1500	U
95-57-8	2-Chlorophenol	1500	U
541-73-1	1,3-Dichlorobenzene	1500	U
106-46-7	1,4-Dichlorobenzene	1500	U
100-51-6	Benzyl Alcohol	1500	U
95-50-1	1,2-Dichlorobenzene	1500	U
95-48-7	2-Methylphenol	1500	U
108-60-1	bis(2-Chloroisopropyl) Ether	1500	U
106-44-5	4-Methylphenol	410	DJ
621-64-7	N-Nitroso-Di-n-Propylamine	1500	U
67-72-1	Hexachloroethane	1500	U
98-95-3	Nitrobenzene	1500	U
78-59-1	Isophorone	1500	U
88-75-5	2-Nitrophenol	1500	U
105-67-9	2,4-Dimethylphenol	1500	U
65-85-0	Benzoic Acid	7300	U
111-91-1	bis(2-Chloroethoxy) Methane	1500	U
120-83-2	2,4-Dichlorophenol	1500	U
120-82-1	1,2,4-Trichlorobenzene	1500	U
91-20-3	Naphthalene	1500	U
106-47-8	4-Chloroaniline	1500	U
87-68-3	Hexachlorobutadiene	1500	U
59-50-7	4-Chloro-3-Methylphenol	1500	U
91-57-6	2-Methylnaphthalene	1500	U
77-47-4	Hexachlorocyclopentadiene	1500	U
88-06-2	2,4,6-Trichlorophenol	1500	U
95-95-4	2,4,5-Trichlorophenol	7300	U
91-58-7	2-Chloronaphthalene	1500	U
88-74-4	2-Nitroaniline	7300	U
131-11-3	Dimethyl Phthalate	1500	U
208-96-8	Acenaphthylene	1500	U
606-20-2	2,6-Dinitrotoluene	1500	U

1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

Lab Name: IT PITTSBURGH Contract: _____

Lab Code: ITPA Case No.: 03486 SAS No.: _____ SDG No.: 021

Matrix: (soil/water) SOIL Lab Sample ID: ITW-10ADL

Sample wt/vol: 30.1 (g/mL) G Lab File ID: 5110328D

Level: (low/med) LOW Date Received: 03/07/90

% Moisture: not dec. 13 dec. _____ Date Extracted: 03/15/90

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 03/28/90

GPC Cleanup: (Y/N) Y pH: _____ Dilution Factor: 2.0

ITW-10ADL

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) <u>UG/KG</u>	Q
99-09-2	3-Nitroaniline	7300	U
83-32-9	Acenaphthene	1500	U
51-28-5	2,4-Dinitrophenol	7300	U
100-02-7	4-Nitrophenol	7300	U
132-64-9	Dibenzofuran	1500	U
121-14-2	2,4-Dinitrotoluene	1500	U
84-66-2	Diethylphthalate	630	DJ
7005-72-3	4-Chlorophenyl-phenylether	1500	U
86-73-7	Fluorene	1500	U
100-01-6	4-Nitroaniline	7300	U
534-52-1	4,6-Dinitro-2-Methylphenol	7300	U
86-30-6	N-Nitrosodiphenylamine (1)	1500	U
101-55-3	4-Bromophenyl-phenylether	1500	U
118-74-1	Hexachlorobenzene	1500	U
87-86-5	Pentachlorophenol	7300	U
85-01-8	Phenanthrene	690	DJ
120-12-7	Anthracene	1500	U
84-74-2	Di-n-Butylphthalate	1500	U
206-44-0	Fluoranthene	610	DJ
129-00-0	Pyrene	460	BDJ
85-68-7	Butylbenzylphthalate	1500	U
91-94-1	3,3'-Dichlorobenzidine	3000	U
56-55-3	Benzo(a)Anthracene	250	DJ
218-01-9	Chrysene	510	DJ
117-81-7	bis(2-Ethylhexyl)Phthalate	15000	D
117-84-0	Di-n-Octyl Phthalate	9300	D
205-99-2	Benzo(b)Fluoranthene	730	DJ
207-08-9	Benzo(k)Fluoranthene	1500	U
50-32-8	Benzo(a)Pyrene	210	DJ
193-39-5	Indeno(1,2,3-cd)Pyrene	150	DJ
53-70-3	Dibenz(a,h)Anthracene	1500	U
191-24-2	Benzo(g,h,i)Perylene	190	DJ

(1) - Cannot be separated from Diphenylamine

PESTICIDE ORGANICS ANALYSIS DATA SHEET

ITWICA

-0017

Lab Name: IT PITTSBURGH Contract: _____

Code: ITPA Case No.: 03486 SAS No.: _____ SDG No.: 010

Matrix: (soil/water) SOIL Lab Sample ID: Q00212401

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

Level: (low/med) LOW Date Received: 02/23/90

% Moisture: not dec. 15 dec. _____ Date Extracted: 03/03/90

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 03/13/90

GPC Cleanup: (Y/N) Y pH: 5.5 Dilution Factor: 1.00

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/KG

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) <u>UG/KG</u>	Q
319-84-6	alpha-BHC	19	U
319-85-7	beta-BHC	19	U
319-86-8	delta-BHC	19	U
58-89-9	gamma-BHC (Lindane)	19	U
76-44-8	Heptachlor	19	U
309-00-2	Aldrin	19	U
1024-57-3	Heptachlor epoxide	19	U
959-98-8	Endosulfan I	19	U
60-57-1	Dieldrin	38	U
72-55-9	4,4'-DDE	38	U
72-20-8	Endrin	38	U
33213-65-9	Endosulfan II	38	U
72-54-8	4,4'-DDD	38	U
1031-07-8	Endosulfan sulfate	38	U
50-29-3	4,4'-DDT	38	U
72-43-5	Methoxychlor	190	U
53494-70-5	Endrin ketone	38	U
5103-71-9	alpha-Chlordane	190	U
5103-74-2	gamma-Chlordane	190	U
8001-35-2	Toxaphene	380	U
12674-11-2	Aroclor-1016	190	U
11104-28-2	Aroclor-1221	190	U
11141-16-5	Aroclor-1232	190	U
53469-21-9	Aroclor-1242	190	U
12672-29-6	Aroclor-1248	190	U
11097-69-1	Aroclor-1254	380	U
11096-82-5	Aroclor-1260	380	U

1
INORGANIC ANALYSES DATA SHEET

EPA SAMPLE NO.

ITW10A

Lab Name: ITAS_PITTSBURGH Contract: FIRESTONE

Lab Code: ITPA Case No.: 03486 SAS No.: SDG No.: 012

Matrix (soil/water): SOIL Lab Sample ID: ITW10A

Level (low/med): LOW Date Received: 02/23/90

% Solids: 84.9

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

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	8490		*	P
7440-38-2	Arsenic	4.2		N	F
7440-39-3	Barium	49.3		*	P
7440-41-7	Beryllium	0.38	B		P
7440-43-9	Cadmium	0.47	U		P
7440-70-2	Calcium	816	B		P
7440-47-3	Chromium	19.9		N*	P
7440-48-4	Cobalt	5.6	B		P
7440-50-8	Copper	38.1		*	P
7439-89-6	Iron	14200		*	P
7439-92-1	Lead	48.3		N*	F
7439-95-4	Magnesium	1110	B		P
7439-96-5	Manganese	207		*	P
7439-97-6	Mercury	0.13			CV
7440-02-0	Nickel	7.5	B		P
7440-09-7	Potassium	529	B		P
7440-22-4	Silver	0.70	U		P
7440-23-5	Sodium	50.8	B		P
7440-28-0	Thallium	0.47	U	W	F
7440-62-2	Vanadium	21.9		N*	P
7440-66-6	Zinc	38.0		E	P

Color Before: BROWN Clarity Before: Texture: MEDIUM

Color After: BROWN Clarity After: Artifacts: YES

Comments:

GRASS & STONES

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

ITW-10B

Lab Name: IT PITTSBURGH Contract: _____

Lab Code: ITPA Case No.: 03486 SAS No.: _____ SDG No.: 012

Matrix: (soil/water) SOIL Lab Sample ID: ITW-10B

Sample wt/vol: 4.9 (g/mL) G Lab File ID: 2020227N

Level: (low/med) LOW Date Received: 02/23/90

% Moisture: not dec. 13 Date Analyzed: 02/28/90

Column: (pack/cap) PACK Dilution Factor: 1.00

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) <u>UG/KG</u>		Q
74-87-3	-----Chloromethane	12	U	
74-83-9	-----Bromomethane	12	U	
75-01-4	-----Vinyl Chloride	12	U	
75-00-3	-----Chloroethane	12	U	
75-09-2	-----Methylene Chloride	5	J	
67-64-1	-----Acetone	17		
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	12	U	
71-55-6	-----1,1,1-Trichloroethane	6	U	
56-23-5	-----Carbon Tetrachloride	6	U	
108-05-4	-----Vinyl Acetate	12	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	
110-75-8	-----2-CHLOROETHYLVINYLETHER	24	U	
75-25-2	-----Bromoform	6	U	
108-10-1	-----4-Methyl-2-Pentanone	12	U	
591-78-6	-----2-Hexanone	12	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	-----Total Xylenes	6	U	
107-02-8	-----ACROLEIN	60	U	

K-D
3/6/9

107-13-1-----ACRYLONITRILE

60 12

JCSA

FORM I VOA

1/87 Rev

AR303032

PESTICIDE ORGANICS ANALYSIS DATA SHEET

ITW108

Lab Name: IT PITTSBURGH Contract: _____

Code: ITPA Case No.: 03486 SAS No.: _____ SDG No.: 011

Matrix: (soil/water) SOIL Lab Sample ID: Q00212402

Sample wt/vol: 30.0 (g/mL) G Lab File ID: _____

Level: (low/med) LOW Date Received: 02/23/90

% Moisture: not dec. 27 dec. _____ Date Extracted: 03/03/90

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 03/13/90

GPC Cleanup: (Y/N) Y pH: 6.9 Dilution Factor: 1.00

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) <u>UG/KG</u>	<u>Q</u>
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	44	U
72-55-9	4,4'-DDE	44	U
72-20-8	Endrin	44	U
33213-65-9	Endosulfan II	44	U
72-54-8	4,4'-DDD	44	U
1031-07-8	Endosulfan sulfate	44	U
50-29-3	4,4'-DDT	44	U
72-43-5	Methoxychlor	220	U
53494-70-5	Endrin ketone	44	U
5103-71-9	alpha-Chlordane	220	U
5103-74-2	gamma-Chlordane	220	U
8001-35-2	Toxaphene	440	U
12674-11-2	Aroclor-1016	220	U
11104-28-2	Aroclor-1221	220	U
11141-16-5	Aroclor-1232	220	U
53469-21-9	Aroclor-1242	220	U
12672-29-6	Aroclor-1248	220	U
11097-69-1	Aroclor-1254	440	U
11096-82-5	Aroclor-1260	440	U

AR303033

1
INORGANIC ANALYSES DATA SHEET

EPA SAMPLE NO

ETW108

Lab Name: ITAS_PITTSBURGH Contract: FIRESTONE

Lab Code: ITPA Case No.: 03486 SAS No.: SDG No.: 012

Matrix (soil/water): SOIL Lab Sample ID: ETW108

Level (low/med): LOW Date Received: 02/23/90

% Solids: 73.1

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

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	9650		*	P
7440-38-2	Arsenic	1.1	B	WN	F
7440-39-3	Barium	104		*	P
7440-41-7	Beryllium	0.57	B		P
7440-43-9	Cadmium	0.55	U		P
7440-70-2	Calcium	421	B		P
7440-47-3	Chromium	49.4		N*	P
7440-48-4	Cobalt	8.0	B		P
7440-50-8	Copper	18.4		*	P
7439-89-6	Iron	43400		*	P
7439-92-1	Lead	4.2		SN*	F
7439-95-4	Magnesium	219	B		P
7439-96-5	Manganese	1740		*	P
7439-97-6	Mercury	0.16			CV
7440-02-0	Nickel	3.4	B		P
7440-09-7	Potassium	229	B		P
7440-22-4	Silver	0.82	U		P
7440-23-5	Sodium	59.3	B		P
7440-28-0	Thallium	0.55	U		F
7440-62-2	Vanadium	98.4		N*	P
7440-66-6	Zinc	11.3		E	P

Color Before: BROWN Clarity Before: Texture: MEDIUM

Color After: BROWN Clarity After: Artifacts: YES

Comments:

STONES

0011A

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

ITW-10C

Lab Name: IT PITTSBURGH Contract: _____

Lab Code: ITPA Case No.: 03486 SAS No.: _____ SDG No.: 012

Matrix: (soil/water) SOIL Lab Sample ID: ITW-10C

Sample wt/vol: 4.9 (g/mL) G Lab File ID: 2110227N

Level: (low/med) LOW Date Received: 02/23/90

% Moisture: not dec. 27 Date Analyzed: 02/28/90

Column: (pack/cap) PACK Dilution Factor: 1.00

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/KG

Q

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) <u>UG/KG</u>	Q
74-87-3	Chloromethane	14	U
74-83-9	Bromomethane	14	U
75-01-4	Vinyl Chloride	14	U
75-00-3	Chloroethane	14	U
75-09-2	Methylene Chloride	5	J
67-64-1	Acetone	180	
75-15-0	Carbon Disulfide	7	U
75-35-4	1,1-Dichloroethene	7	U
75-34-3	1,1-Dichloroethane	7	U
540-59-0	1,2-Dichloroethene (total)	7	U
67-66-3	Chloroform	7	U
107-06-2	1,2-Dichloroethane	7	U
78-93-3	2-Butanone	49	
71-55-6	1,1,1-Trichloroethane	7	U
56-23-5	Carbon Tetrachloride	7	U
108-05-4	Vinyl Acetate	14	U
75-27-4	Bromodichloromethane	7	U
78-87-5	1,2-Dichloropropane	7	U
10061-01-5	cis-1,3-Dichloropropene	7	U
79-01-6	Trichloroethene	7	U
124-48-1	Dibromochloromethane	7	U
79-00-5	1,1,2-Trichloroethane	7	U
71-43-2	Benzene	7	U
10061-02-6	Trans-1,3-Dichloropropene	7	U
110-75-8	2-CHLOROETHYLVINYLEETHER	28 14	U
75-25-2	Bromoform	7	U
108-10-1	4-Methyl-2-Pentanone	14	U
591-78-6	2-Hexanone	14	U
127-18-4	Tetrachloroethene	7	U
79-34-5	1,1,2,2-Tetrachloroethane	7	U
108-88-3	Toluene	7	U
108-90-7	Chlorobenzene	7	U
100-41-4	Ethylbenzene	7	U
100-42-5	Styrene	7	U
1330-20-7	Total Xylenes	7	U
107-02-8	ACROLEIN	70 14	U

K4
3/6/9

AR303035

107-13-1-----ACRYLONITRILE

70-14 U-0012A

FORM I VOA

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AR303036

PESTICIDE ORGANICS ANALYSIS DATA SHEET

ITW10C

Lab Name: IT PITTSBURGH

Contract: _____

0031

Code: ITPA

Case No.: 03486

SAS No.: _____

SDG No.: 012

Matrix: (soil/water) SOIL

Lab Sample ID: 000212435

Sample wt/vol: 30.0 (g/mL) G

Lab File ID: _____

Level: (low/med) LOW

Date Received: 02/23/90

% Moisture: not dec. 26 dec.

Date Extracted: 03/03/90

Extraction: (SepF/Cont/Sonc) SONC

Date Analyzed: 03/13/90

GPC Cleanup: (Y/N) Y pH: 6.3

Dilution Factor: 1.00

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

CAS NO.

COMPOUND

2

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	43	U
72-55-9	4,4'-DDE	43	U
72-20-8	Endrin	43	U
33213-65-9	Endosulfan II	43	U
72-54-8	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
5103-71-9	alpha-Chlordane	220	U
5103-74-2	gamma-Chlordane	220	U
8001-35-2	Toxaphene	430	U
12674-11-2	Aroclor-1016	220	U
11104-28-2	Aroclor-1221	220	U
11141-16-5	Aroclor-1232	220	U
53469-21-9	Aroclor-1242	220	U
12672-29-6	Aroclor-1248	220	U
11097-69-1	Aroclor-1254	430	U
11096-82-5	Aroclor-1260	430	U

AR303037

1

EPA SAMPLE NO.

INORGANIC ANALYSES DATA SHEET

ITW100

Lab Name: ITAS_PITTSBURGH Contract: FIRESTONE

Lab Code: ITPA Case No.: 03486 CAS No.: SDG No.: 012

Matrix (soil/water): SOIL Lab Sample ID: ITW100

Level (low/med): LOW Date Received: 02/23/90

% Solids: 74.4

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

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	10600		*	P
7440-38-2	Arsenic	2.2	B	N	F
7440-39-3	Barium	23.1	B	*	P
7440-41-7	Beryllium	0.59	B		P
7440-43-9	Cadmium	0.54	U		P
7440-70-2	Calcium	97.1	B		P
7440-47-3	Chromium	19.6		N*	P
7440-48-4	Cobalt	13.1	B		P
7440-50-8	Copper	72.8		*	P
7439-89-6	Iron	126000		*	P
7439-92-1	Lead	6.2		N*	F
7439-95-4	Magnesium	129	B		P
7439-96-5	Manganese	370		*	P
7439-97-6	Mercury	0.16			CV
7440-02-0	Nickel	8.1	B		P
7440-09-7	Potassium	87.1	B		P
7440-22-4	Silver	1.4	B		P
7440-23-5	Sodium	66.5	B		P
7440-28-0	Thallium	0.54	U	W	F
7440-62-2	Vanadium	309		N*	P
7440-66-6	Zinc	27.4		E	P

Color Before: BROWN Clarity Before: Texture: MEDIUM

Color After: BROWN Clarity After: Artifacts: YES

Comments: STONES

-0013A

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

ITW-11A

Lab Name: IT PITTSBURGH Contract: _____

Lab Code: ITPA Case No.: 03486 SAS No.: _____ SDG No.: 012

Matrix: (soil/water) SOIL Lab Sample ID: ITW-11A

Sample wt/vol: 5.0 (g/mL) G Lab File ID: 2100227N

Level: (low/med) LOW Date Received: 02/23/90

% Moisture: not dec. 30 Date Analyzed: 02/28/90

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

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) <u>UG/KG</u>	Q
74-87-3	Chloromethane	14	U
74-83-9	Bromomethane	14	U
75-01-4	Vinyl Chloride	14	U
75-00-3	Chloroethane	14	U
75-09-2	Methylene Chloride	6	J
67-64-1	Acetone	14	U
75-15-0	Carbon Disulfide	7	U
75-35-4	1,1-Dichloroethene	7	U
75-34-3	1,1-Dichloroethane	7	U
540-59-0	1,2-Dichloroethene (total)	7	U
67-66-3	Chloroform	7	U
107-06-2	1,2-Dichloroethane	7	U
78-93-3	2-Butanone	14	U
71-55-6	1,1,1-Trichloroethane	7	U
56-23-5	Carbon Tetrachloride	7	U
108-05-4	Vinyl Acetate	14	U
75-27-4	Bromodichloromethane	7	U
78-87-5	1,2-Dichloropropane	7	U
10061-01-5	cis-1,3-Dichloropropene	7	U
79-01-6	Trichloroethene	7	U
124-48-1	Dibromochloromethane	7	U
79-00-5	1,1,2-Trichloroethane	7	U
71-43-2	Benzene	7	U
10061-02-6	Trans-1,3-Dichloropropene	7	U
110-75-8	2-CHLOROETHYLVINYLETHER	28 14	U
75-25-2	Bromoform	7	U
108-10-1	4-Methyl-2-Pentanone	14	U
591-78-6	2-Hexanone	14	U
127-18-4	Tetrachloroethene	7	U
79-34-5	1,1,2,2-Tetrachloroethane	7	U
108-88-3	Toluene	7	U
108-90-7	Chlorobenzene	5	J
100-41-4	Ethylbenzene	7	U
100-42-5	Styrene	7	U
1330-20-7	Total Xylenes	7	U
107-02-8	ACROLEIN	70 14	U

K-D
3/4/90

107-13-1-----ACRYLONITRILE

70 ~~it~~ U-CG.12f

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AR303040

PESTICIDE ORGANICS ANALYSIS DATA SHEET

SEA SAMPLE NO.

ITW11A

Lab Name: IT PITTSBURGH Contract: _____

Code: ITPA Case No.: 03486 SAS No.: _____ SDG No.: 012

Matrix: (soil/water) SOIL Lab Sample ID: Q00212406

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

Level: (low/med) LOW Date Received: 02/23/90

% Moisture: not dec. 22 dec. _____ Date Extracted: 03/03/90

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 03/12/90

GPC Cleanup: (Y/N) Y pH: 7.0 Dilution Factor: 1.00

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/KG Q

319-84-6	alpha-BHC	20	U
319-85-7	beta-BHC	20	U
319-86-8	delta-BHC	20	U
58-89-9	gamma-BHC (Lindane)	20	U
76-44-8	Heptachlor	20	U
309-00-2	Aldrin	20	U
1024-57-3	Heptachlor epoxide	20	U
959-98-8	Endosulfan I	20	U
60-57-1	Dieldrin	41	U
72-55-9	4,4'-DDE	41	U
72-20-8	Endrin	41	U
33213-65-9	Endosulfan II	41	U
72-54-8	4,4'-DDD	41	U
1031-07-8	Endosulfan sulfate	41	U
50-29-3	4,4'-DDT	41	U
72-43-5	Methoxychlor	200	U
53494-70-5	Endrin ketone	41	U
5103-71-9	alpha-Chlordane	200	U
5103-74-2	gamma-Chlordane	200	U
3001-35-2	Toxaphene	410	U
12674-11-2	Aroclor-1016	200	U
11104-28-2	Aroclor-1221	200	U
11141-16-5	Aroclor-1232	200	U
53469-21-9	Aroclor-1242	200	U
12672-29-6	Aroclor-1248	200	U
11097-69-1	Aroclor-1254	410	U
11096-82-5	Aroclor-1260	410	U

1
INORGANIC ANALYSES DATA SHEET

EPA SAMPLE NO.

ITW11A

Lab Name: ITAS_PITTSBURGH _____ Contract: FIRESTONE _____

Lab Code: ITPA _____ Case No.: 03486 SAS No.: _____ SDG No.: 012 _____

Matrix (soil/water): SOIL _____ Lab Sample ID: ITW11A _____

Level (low/med): LOW _____ Date Received: 02/23/90

% Solids: 78.1

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

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	9090		*	P
7440-38-2	Arsenic	2.8		N	F
7440-39-3	Barium	55.4		*	P
7440-41-7	Beryllium	0.59	B		P
7440-43-9	Cadmium	0.51	U		P
7440-70-2	Calcium	2940			P
7440-47-3	Chromium	26.2		N*	P
7440-48-4	Cobalt	12.8			P
7440-50-8	Copper	19.9		*	P
7439-89-6	Iron	16200		*	P
7439-92-1	Lead	75.6		N*	F
7439-95-4	Magnesium	10300			P
7439-96-5	Manganese	426		*	P
7439-97-6	Mercury	0.12	U		CV
7440-02-0	Nickel	144			P
7440-09-7	Potassium	1110	B		P
7440-22-4	Silver	0.77	U		P
7440-23-5	Sodium	41.0	B		P
7440-28-0	Thallium	0.76	B	W	F
7440-62-2	Vanadium	31.9		N*	P
7440-66-6	Zinc	71.1		E	P

Color Before: BLACK _____ Clarity Before: _____ Texture: MEDIUM

Color After: BROWN _____ Clarity After: _____ Antifacts: YES _____

Comments:
GRASS & STONES _____

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

ITW-11B

Lab Name: IT PITTSBURGH Contract: _____
 Lab Code: ITPA Case No.: 03486 SAS No.: _____ SDG No.: 012
 Matrix: (soil/water) SOIL Lab Sample ID: IWW-11B
 Sample wt/vol: 5.0 (g/mL) G Lab File ID: 2090227N
 Level: (low/med) LOW Date Received: 02/23/90
 % Moisture: not dec. 27 Date Analyzed: 02/28/90
 Column: (pack/cap) PACK Dilution Factor: 1.0

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) <u>UG/KG</u>	Q
74-87-3	Chloromethane	14	U
74-83-9	Bromomethane	14	U
75-01-4	Vinyl Chloride	14	U
75-00-3	Chloroethane	14	U
75-09-2	Methylene Chloride	6	J
67-64-1	Acetone	39	
75-15-0	Carbon Disulfide	7	U
75-35-4	1,1-Dichloroethene	7	U
75-34-3	1,1-Dichloroethane	7	U
540-59-0	1,2-Dichloroethene (total)	7	U
67-66-3	Chloroform	7	U
107-06-2	1,2-Dichloroethane	7	U
78-93-3	2-Butanone	14	U
71-55-6	1,1,1-Trichloroethane	7	U
56-23-5	Carbon Tetrachloride	7	U
108-05-4	Vinyl Acetate	14	U
75-27-4	Bromodichloromethane	7	U
78-87-5	1,2-Dichloropropane	7	U
10061-01-5	cis-1,3-Dichloropropene	7	U
79-01-6	Trichloroethene	7	U
124-48-1	Dibromochloromethane	7	U
79-00-5	1,1,2-Trichloroethane	7	U
71-43-2	Benzene	7	U
10061-02-6	Trans-1,3-Dichloropropene	7	U
110-75-8	2-CHLOROETHYLVINYLETHER	28 14	U
75-25-2	Bromoform	7	U
108-10-1	4-Methyl-2-Pentanone	14	U
591-78-6	2-Hexanone	14	U
127-18-4	Tetrachloroethene	7	U
79-34-5	1,1,2,2-Tetrachloroethane	7	U
108-88-3	Toluene	7	U
108-90-7	Chlorobenzene	16	U
100-41-4	Ethylbenzene	7	U
100-42-5	Styrene	7	U
1330-20-7	Total Xylenes	5	J
107-02-8	ACROLEIN	70 14	U

K-0
3/6/90

107-13-1-----ACRYLONITRILE

70-14 0-00:6A

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AR303044

PESTICIDE ORGANICS ANALYSIS DATA SHEET

ITW11B -0023A

Lab Name: IT PITTSBURGH

Contract: _____

Code: ITPA

Case No.: 03486

SAS No.: _____

SDG No.: 012

Matrix: (soil/water) SOIL

Lab Sample ID: Q00212407

Sample wt/vol: 30.0 (g/mL) G

Lab File ID: _____

Level: (low/med) LOW

Date Received: 02/23/90

% Moisture: not dec. 24 dec. _____

Date Extracted: 03/03/90

Extraction: (SepF/Cont/Sonc) SONC

Date Analyzed: 03/13/90

GPC Cleanup: (Y/N) Y pH: 6.9

Dilution Factor: 1.00

CONCENTRATION UNITS:

CAS NO. COMPOUND (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	42	U
72-55-9	4,4'-DDE	42	U
72-20-8	Endrin	42	U
33213-65-9	Endosulfan II	42	U
72-54-8	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
5103-71-9	alpha-Chlordane	210	U
5103-74-2	gamma-Chlordane	210	U
8001-35-2	Toxaphene	420	U
12674-11-2	Aroclor-1016	210	U
11104-28-2	Aroclor-1221	210	U
11141-16-5	Aroclor-1232	210	U
53469-21-9	Aroclor-1242	210	U
12672-29-6	Aroclor-1248	210	U
11097-69-1	Aroclor-1254	420	U
11096-82-5	Aroclor-1260	420	U

INORGANIC ANALYSES DATA SHEET

EPA SAMPLE NO.

ITW118

Lab Name: ITAS_PITTSBURGH Contract: FIRESTONE

Lab Code: ITPA Case No.: 03486 SAS No.: GOG No.: 012

Matrix (soil/water): SOIL Lab Sample ID: ITW118

Level (low/med): LOW Date Received: 02/23/90

% Solids: 76.1

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

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	8050		*	P
7440-38-2	Arsenic	1.8	B	N	F
7440-39-3	Barium	51.2	B	*	P
7440-41-7	Beryllium	0.80	B		P
7440-43-9	Cadmium	0.53	U		P
7440-70-2	Calcium	754	B		P
7440-47-3	Chromium	6.1		N*	P
7440-48-4	Cobalt	5.3	B		P
7440-50-8	Copper	8.7		*	P
7439-89-6	Iron	26600		*	P
7439-92-1	Lead	27.6		N*	F
7439-95-4	Magnesium	1330			P
7439-96-5	Manganese	154		*	P
7439-97-6	Mercury	0.12	U		CV
7440-02-0	Nickel	10.2	B		P
7440-09-7	Potassium	1630			P
7440-22-4	Silver	0.79	U		P
7440-23-5	Sodium	52.8	B		P
7440-28-0	Thallium	0.52	U	W	F
7440-62-2	Vanadium	20.4		N*	P
7440-66-6	Zinc	55.7		E	P

Color Before: BROWN Clarity Before: Texture: MEDIUM

Color After: BROWN Clarity After: Artifacts: YES

Comments: STONES

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

00034

ITW14SS6

Lab Name: IT PITTSBURGH

Contract: 303486

Lab Code: ITPA Case No.: 03486

SAS No.: _____

SDG No.: 6

Matrix: (soil/water) SOIL

Lab Sample ID: Q10203001

Sample wt/vol: 5.1 (g/mL) G

Lab File ID: 3010211D

Level: (low/med) LOW

Date Received: 02/07/91

% Moisture: not dec. 15

Date Analyzed: 02/11/91

Column: (pack/cap) PACK

Dilution Factor: 1.00

CAS NO. COMPOUND CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG Q

74-87-3	Chloromethane	12	IU
74-83-9	Bromomethane	12	IU
75-01-4	Vinyl Chloride	12	IU
75-00-3	Chloroethane	12	IU
75-09-2	Methylene Chloride	6	IU
67-64-1	Acetone	12	IU
75-15-0	Carbon Disulfide	6	IU
75-35-4	1,1-Dichloroethene	6	IU
75-34-3	1,1-Dichloroethane	6	IU
540-59-0	1,2-Dichloroethene (total)	6	IU
67-66-3	Chloroform	6	IU
107-06-2	1,2-Dichloroethane	6	IU
78-93-3	2-Butanone	12	IU
71-55-6	1,1,1-Trichloroethane	6	IU
56-23-5	Carbon Tetrachloride	6	IU
108-05-4	Vinyl Acetate	12	IU
75-27-4	Bromodichloromethane	6	IU
78-87-5	1,2-Dichloropropane	6	IU
10061-01-5	cis-1,3-Dichloropropene	6	IU
79-01-6	Trichloroethene	6	IU
124-48-1	Dibromochloromethane	6	IU
79-00-5	1,1,2-Trichloroethane	6	IU
71-43-2	Benzene	6	IU
10061-02-4	Trans-1,3-Dichloropropene	6	IU
110-75-8	2-CHLOROETHYL VINYLETHER	23	IU
75-25-2	Bromoform	6	IU
108-10-1	4-Methyl-2-Pentanone	12	IU
591-78-6	2-Hexanone	12	IU
127-18-4	Tetrachloroethene	6	IU
79-34-5	1,1,2,2-Tetrachloroethane	6	IU
108-88-3	Toluene	6	IU
108-90-7	Chlorobenzene	6	IU
100-41-4	Ethylbenzene	6	IU
100-42-5	Styrene	6	IU
1330-20-7	Total Xylenes	3	IJ
107-02-8	ACROLEIN	58	IU

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AR303047

0004A

AR303048

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: IT PITTSBURGHContract: 303486

ITW14SS6SS7

Code: ITPA Case No.: 03486

SAS No.: _____

SDG No.: 6Matrix: (soil/water) SOILLab Sample ID: Q10203004Sample wt/vol: 30.1 (g/mL) GLab File ID: 4020225DLevel: (low/med) LOWDate Received: 02/07/91% Moisture: not dec. 15 dec. _____Date Extracted: 02/15/91Extraction: (SepF/Cont/Sonc) SONCDate Analyzed: 02/25/91GPC Cleanup: (Y/N) Y pH: _____Dilution Factor: 1.0

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/KG

Q

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) <u>UG/KG</u>	Q
108-95-2	Phenol	770	IU
111-44-4	bis(2-Chloroethyl)Ether	770	IU
95-57-8	2-Chlorophenol	770	IU
541-73-1	1,3-Dichlorobenzene	770	IU
106-46-7	1,4-Dichlorobenzene	770	IU
100-51-6	Benzyl Alcohol	770	IU
95-50-1	1,2-Dichlorobenzene	770	IU
95-48-7	2-Methylphenol	770	IU
108-60-1	bis(2-Chloroisopropyl)Ether	770	IU
106-44-5	4-Methylphenol	770	IU
621-64-7	N-Nitroso-Di-n-Propylamine	770	IU
67-72-1	Hexachloroethane	770	IU
98-95-3	Nitrobenzene	770	IU
78-59-1	Isophorone	770	IU
88-75-5	2-Nitrophenol	770	IU
105-67-9	2,4-Dimethylphenol	770	IU
65-85-0	Benzoic Acid	3700	IU
111-91-1	bis(2-Chloroethoxy)Methane	770	IU
120-83-2	2,4-Dichlorophenol	770	IU
120-82-1	1,2,4-Trichlorobenzene	770	IU
91-20-3	Naphthalene	770	IU
106-47-8	4-Chloroaniline	770	IU
87-68-3	Hexachlorobutadiene	770	IU
59-50-7	4-Chloro-3-Methylphenol	770	IU
91-57-6	2-Methylnaphthalene	770	IU
77-47-4	Hexachlorocyclopentadiene	770	IU
88-06-2	2,4,6-Trichlorophenol	770	IU
95-95-4	2,4,5-Trichlorophenol	3700	IU
91-58-7	2-Chloronaphthalene	770	IU
88-74-4	2-Nitroaniline	3700	IU
131-11-3	Dimethyl Phthalate	770	IU
208-96-8	Acenaphthylene	770	IU
606-20-2	2,6-Dinitrotoluene	770	IU

1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

0012A

EPA SAMPLE NO.

ITW14SS6SS7

Lab Name: IT PITTSBURGH Contract: 303486
 Lab Code: ITPA Case No.: 03486 SAS No.: _____ SDG No.: 6
 Matrix: (soil/water) SOIL Lab Sample ID: Q10203004
 Sample wt/vol: 30.1 (g/mL) 6 Lab File ID: 4020225D
 Level: (low/med) LOW Date Received: 02/07/91
 % Moisture: not dec. 15 dec. _____ Date Extracted: 02/15/91
 Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 02/25/91
 GPC Cleanup: (Y/N) Y pH: _____ Dilution Factor: 1.0

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) <u>UG/KG</u>	Q
99-09-2	3-Nitroaniline	3700	IU
83-32-9	Acenaphthene	770	IU
51-28-5	2,4-Dinitrophenol	3700	IU
100-02-7	4-Nitrophenol	3700	IU
132-64-9	Dibenzofuran	770	IU
121-14-2	2,4-Dinitrotoluene	770	IU
84-66-2	Diethylphthalate	770	IU
7005-72-3	4-Chlorophenyl-phenylether	770	IU
86-73-7	Fluorene	770	IU
100-01-6	4-Nitroaniline	3700	IU
534-52-1	4,6-Dinitro-2-Methylphenol	3700	IU
86-30-6	N-Nitrosodiphenylamine (1)	770	IU
101-55-3	4-Bromophenyl-phenylether	770	IU
118-74-1	Hexachlorobenzene	770	IU
87-86-5	Pentachlorophenol	3700	IU
85-01-8	Phenanthrene	770	IU
120-12-7	Anthracene	770	IU
84-74-2	Di-n-Butylphthalate	86	IJ
206-44-0	Fluoranthene	770	IU
129-00-0	Pyrene	770	IU
85-68-7	Butylbenzylphthalate	770	IU
91-94-1	3,3'-Dichlorobenzidine	1500	IU
56-55-3	Benzo(a)Anthracene	770	IU
218-01-9	Chrysene	770	IU
117-81-7	bis(2-Ethylhexyl)Phthalate	91	IJ
117-84-0	Di-n-Octyl Phthalate	770	IU
205-99-2	Benzo(b)Fluoranthene	770	IU
207-08-9	Benzo(k)Fluoranthene	770	IU
50-32-8	Benzo(a)Pyrene	770	IU
193-39-5	Indeno(1,2,3-cd)Pyrene	770	IU
53-70-3	Dibenz(a,h)Anthracene	770	IU
191-24-2	Benzo(g,h,i)Perylene	770	IU

(1) - Cannot be separated from Diphenylamine

1
INORGANIC ANALYSES DATA SHEET

EPA SAMPLE NO.

W14SS6/SS7 ^{DAD} 3/17

Site Name: ITAS_PITTSBURGH

Contract: BRIDGE_FIR

Lab Code: ITPA

Case No.: 03486

SAS No.:

SDG No.: 6

Matrix (soil/water): SOIL

Lab Sample ID: Q10203004

Level (low/med): LOW

Date Received: 02/07/91

% Solids: 84.9

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

CAS No.	Analyte	Concentration	Q	M
7429-90-5	Aluminum	7900		P
7440-38-2	Arsenic	0.47	B	F
7440-39-3	Barium	23.0	B	P
7440-41-7	Beryllium	0.46	B	P
7440-43-9	Cadmium	0.47	U	P
7440-70-2	Calcium	46.8	B	P
7440-47-3	Chromium	1.2	U	P
7440-48-4	Cobalt	4.8	B	P
7440-50-8	Copper	6.3		P
7439-89-6	Iron	10200	*	P
7439-92-1	Lead	4.9	N*	F
7439-95-4	Magnesium	1220		P
7439-96-5	Manganese	129	*	P
7439-97-6	Mercury	0.11	U	CV
7440-02-0	Nickel	2.0	B	P
7440-09-7	Potassium	2620		P
7440-22-4	Silver	0.71	U	P
7440-23-5	Sodium	39.0	B	P
7440-28-0	Thallium	0.71	U	F
7440-62-2	Vanadium	7.8	B	P
7440-66-6	Zinc	30.6	E*	P
	Cyanide			NR

Color Before: GRAY

Clarity Before:

Texture: MEDIUM

Color After: GRAY

Clarity After:

Artifacts: YES

Comments:
STONES

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

00094

EPA SAMPLE NO.

ITW14SS15

Lab Name: IT PITTSBURGH Contract: 303486

Lab Code: ITPA Case No.: 03486 SAS No.: _____ SDG No.: 6

Matrix: (soil/water) SOIL Lab Sample ID: Q10204601

Sample wt/vol: 4.7 (g/mL) G Lab File ID: 2010216D

Level: (low/med) LOW Date Received: 02/08/91

% Moisture: not dec. 15 Date Analyzed: 02/16/91

Column: (pack/cap) PACK Dilution Factor: 1.00

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

CAS NO.	COMPOUND	UG/KG	Q
74-87-3	Chloromethane	12	IU
74-83-9	Bromomethane	12	IU
75-01-4	Vinyl Chloride	12	IU
75-00-3	Chloroethane	12	IU
75-09-2	Methylene Chloride	6	IU
67-64-1	Acetone	9	IBJ
75-15-0	Carbon Disulfide	6	IU
75-35-4	1,1-Dichloroethene	6	IU
75-34-3	1,1-Dichloroethane	6	IU
540-59-0	1,2-Dichloroethene (total)	6	IU
67-66-3	Chloroform	6	IU
107-06-2	1,2-Dichloroethane	6	IU
78-93-3	2-Butanone	17	IB
71-55-6	1,1,1-Trichloroethane	6	IU
56-23-5	Carbon Tetrachloride	6	IU
108-05-4	Vinyl Acetate	12	IU
75-27-4	Bromodichloromethane	6	IU
78-87-5	1,2-Dichloropropane	6	IU
10061-01-5	cis-1,3-Dichloropropene	6	IU
79-01-6	Trichloroethene	6	IU
124-48-1	Dibromochloromethane	6	IU
79-00-5	1,1,2-Trichloroethane	6	IU
71-43-2	Benzene	6	IU
10061-02-6	Trans-1,3-Dichloropropene	6	IU
110-75-8	2-CHLOROETHYLVINYLETHER	25	IU
75-25-2	Bromoform	6	IU
108-10-1	4-Methyl-2-Pentanone	12	IU
591-78-6	2-Hexanone	12	IU
127-18-4	Tetrachloroethene	6	IU
79-34-5	1,1,2,2-Tetrachloroethane	6	IU
108-88-3	Toluene	6	IU
108-90-7	Chlorobenzene	6	IU
100-41-4	Ethylbenzene	6	IU
100-42-5	Styrene	6	IU
1330-20-7	Total Xylenes	6	IU
107-02-8	ACROLEIN	62	IU

FORM I VOA

1/87 Rev.

AR303052

FORM I VOA

1/87 Re

AR303053

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET **0017A**

EPA SAMPLE NO.

ITW14SS15

Name: IT PITTSBURGH Contract: 303486
 Lab Code: ITPA Case No.: 03486 SAS No.: _____ SDG No.: 6
 Matrix: (soil/water) SOIL Lab Sample ID: Q10204601
 Sample wt/vol: 30.1 (g/mL) G Lab File ID: 4010225D
 Level: (low/med) LOW Date Received: 02/08/91
 % Moisture: not dec. 15 dec. _____ Date Extracted: 02/15/91
 Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 02/25/91
 GPC Cleanup: (Y/N) Y pH: _____ Dilution Factor: 1.0

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg)	UG/KG	Q
62-75-9	N-Nitrosodimethylamine	770	IU	I
108-95-2	Phenol	770	IU	I
111-44-4	bis(2-Chloroethyl)Ether	770	IU	I
95-57-8	2-Chlorophenol	770	IU	I
541-73-1	1,3-Dichlorobenzene	770	IU	I
106-46-7	1,4-Dichlorobenzene	770	IU	I
100-51-6	Benzyl Alcohol	770	IU	I
95-50-1	1,2-Dichlorobenzene	770	IU	I
95-48-7	2-Methylphenol	770	IU	I
108-60-1	bis(2-Chloroisopropyl)Ether	770	IU	I
106-44-5	4-Methylphenol	770	IU	I
621-64-7	N-Nitroso-Di-n-Propylamine	770	IU	I
67-72-1	Hexachloroethane	770	IU	I
98-95-3	Nitrobenzene	770	IU	I
78-59-1	Isophorone	770	IU	I
88-75-5	2-Nitrophenol	770	IU	I
105-67-9	2,4-Dimethylphenol	770	IU	I
65-85-0	Benzoic Acid	3700	IU	I
111-91-1	bis(2-Chloroethoxy)Methane	770	IU	I
120-83-2	2,4-Dichlorophenol	770	IU	I
120-82-1	1,2,4-Trichlorobenzene	770	IU	I
91-20-3	Naphthalene	770	IU	I
106-47-8	4-Chloroaniline	770	IU	I
87-68-3	Hexachlorobutadiene	770	IU	I
59-50-7	4-Chloro-3-Methylphenol	770	IU	I
91-57-6	2-Methylnaphthalene	770	IU	I
77-47-4	Hexachlorocyclopentadiene	770	IU	I
88-06-2	2,4,6-Trichlorophenol	770	IU	I
95-95-4	2,4,5-Trichlorophenol	3700	IU	I
91-58-7	2-Chloronaphthalene	770	IU	I
88-74-4	2-Nitroaniline	3700	IU	I
131-11-3	Dimethyl Phthalate	770	IU	I
208-96-8	Acenaphthylene	770	IU	I
606-20-2	2,6-Dinitrotoluene	770	IU	I

DAD 3/1/91

MS 2/25/91

AR303054

1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

0018A

EPA SAMPLE NO.

Lab Name: IT PITTSBURGH

Contract: 303486

ITW14SS15

Lab Code: ITPA

Case No.: 03486

SAS No.: _____

SDG No.: 6

Matrix: (soil/water) SOIL

Lab Sample ID: Q10204601

Sample wt/vol: 30.1 (g/mL) G

Lab File ID: 4010225D

Level: (low/med) LOW

Date Received: 02/08/91

% Moisture: not dec. 15 dec. _____

Date Extracted: 02/15/91

Extraction: (SepF/Cont/Sonc) SONC

Date Analyzed: 02/25/91

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

Dilution Factor: 1.0

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/KG Q

99-09-2	3-Nitroaniline	3700	IU	
83-32-9	Acenaphthene	770	IU	
51-28-5	2,4-Dinitrophenol	3700	IU	
100-02-7	4-Nitrophenol	3700	IU	
132-64-9	Dibenzofuran	770	IU	
121-14-2	2,4-Dinitrotoluene	770	IU	
84-66-2	Diethylphthalate	770	IU	
7005-72-3	4-Chlorophenyl-phenylether	770	IU	
86-73-7	Fluorene	770	IU	
100-01-6	4-Nitroaniline	3700	IU	
534-52-1	4,6-Dinitro-2-Methylphenol	3700	IU	
86-30-6	N-Nitrosodiphenylamine (1)	770	IU	
122-66-7	1,2-Diphenylhydrazine	770	IU	
101-55-3	4-Bromophenyl-phenylether	770	IU	
118-74-1	Hexachlorobenzene	770	IU	
87-86-5	Pentachlorophenol	3700	IU	
85-01-8	Phenanthrene	770	IU	
120-12-7	Anthracene	770	IU	
84-74-2	Di-n-Butylphthalate	770	IU	
206-44-0	Fluoranthene	770	IU	
92-87-5	Benzidine	3700	IU	
129-00-0	Pyrene	770	IU	
85-68-7	Butylbenzylphthalate	770	IU	
91-94-1	3,3'-Dichlorobenzidine	1500	IU	
56-55-3	Benzo(a)Anthracene	770	IU	
218-01-9	Chrysene	770	IU	
117-81-7	bis(2-Ethylhexyl)Phthalate	420	IJ	
117-84-0	Di-n-Octyl Phthalate	770	IU	
205-99-2	Benzo(b)Fluoranthene	770	IU	
207-08-9	Benzo(k)Fluoranthene	770	IU	
50-32-8	Benzo(a)Pyrene	770	IU	
193-39-5	Indeno(1,2,3-cd)Pyrene	770	IU	
53-70-3	Dibenz(a,h)Anthracene	770	IU	
191-24-2	Benzo(g,h,i)Perylene	770	IU	

DAD 2/1/91

DAD 3/6/91

(1) - Cannot be separated from Diphenylamine

AR303055

1
INORGANIC ANALYSES DATA SHEET

EPA SAMPLE NO.

14SS15

Site Name: ITAS_PITTSBURGH Contract: BRIDGE_FIR

Lab Code: ITPA Case No.: 03486 SAS No.: SDG No.: 6

Matrix (soil/water): SOIL Lab Sample ID: Q10204601

Level (low/med): LOW Date Received: 02/07/91

% Solids: 84.7

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

CAS No.	Analyte	Concentration	Q	M
7429-90-5	Aluminum	12900		P
7440-38-2	Arsenic	0.47	U	F
7440-39-3	Barium	71.4		P
7440-41-7	Beryllium	0.44	B	P
7440-43-9	Cadmium	0.71	B	P
7440-70-2	Calcium	492	B	P
7440-47-3	Chromium	4.7		P
7440-48-4	Cobalt	4.6	B	P
7440-50-8	Copper	12.7		P
7439-89-6	Iron	12100	*	P
7439-92-1	Lead	7.1	N*	F
7439-95-4	Magnesium	1120	B	P
7439-96-5	Manganese	249	*	P
7439-97-6	Mercury	0.11	U	CV
7440-02-0	Nickel	3.6	B	P
7440-09-7	Potassium	2110		P
7440-22-4	Silver	0.71	U	P
7440-23-5	Sodium	41.4	B	P
7440-28-0	Thallium	0.71	U	F
7440-62-2	Vanadium	11.4	B	P
7440-66-6	Zinc	28.7	E*	P
	Cyanide			NR

Color Before: GRAY Clarity Before: Texture: MEDIUM

Color After: GRAY Clarity After: Artifacts: YES

Comments:
STONES

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: IT PITTSBURGH Contract: _____

Lab Code: ITPA Case No.: 03486 SAS No.: _____ SDG No.: 007

Matrix: (soil/water) WATER Lab Sample ID: SB-1

Sample wt/vol: 5.0 (g/mL) ML Lab File ID: 6060222D

Level: (low/med) LOW Date Received: 02/20/90

% Moisture: not dec. _____ Date Analyzed: 02/22/90

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) <u>UG/L</u>	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
110-75-8	2-CHLOROETHYLVINYLETHER	20	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	Total Xylenes	5	U
107-02-8	ACROLEIN	50 100	U

FORM I VOA

1/87 Rev

AR303057

107-13-1-----ACRYLONITRILE

SC-100

U

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

0014A
EPA SAMPLE NO.

Lab Name: IT PITTSBURGH Contract: _____

Lab Code: ITPA Case No.: 03486 SAS No.: _____ SDG No.: 020

Matrix: (soil/water) WATER Lab Sample ID: SB-1

Sample wt/vol: 1000 (g/mL) ML Lab File ID: 4070313D

Level: (low/med) LOW Date Received: 03/07/90

% Moisture: not dec. _____ dec. _____ Date Extracted: 03/09/90

Extraction: (SepF/Cont/Sonc) CONT Date Analyzed: 03/13/90

GPC Cleanup: (Y/N) N pH: _____ Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) <u>UG/L</u>	<u>Q</u>
108-95-2	Phenol	10	U
111-44-4	bis(2-Chloroethyl) Ether	10	U
95-57-8	2-Chlorophenol	10	U
541-73-1	1,3-Dichlorobenzene	10	U
106-46-7	1,4-Dichlorobenzene	10	U
100-51-6	Benzyl Alcohol	10	U
95-50-1	1,2-Dichlorobenzene	10	U
95-48-7	2-Methylphenol	10	U
108-60-1	bis(2-Chloroisopropyl) Ether	10	U
106-44-5	4-Methylphenol	10	U
621-64-7	N-Nitroso-Di-n-Propylamine	10	U
67-72-1	Hexachloroethane	10	U
98-95-3	Nitrobenzene	10	U
78-59-1	Isophorone	10	U
88-75-5	2-Nitrophenol	10	U
105-67-9	2,4-Dimethylphenol	10	U
65-85-0	Benzoic Acid	50	U
111-91-1	bis(2-Chloroethoxy) Methane	10	U
120-83-2	2,4-Dichlorophenol	10	U
120-82-1	1,2,4-Trichlorobenzene	10	U
91-20-3	Naphthalene	10	U
106-47-8	4-Chloroaniline	10	U
87-68-3	Hexachlorobutadiene	10	U
59-50-7	4-Chloro-3-Methylphenol	10	U
91-57-6	2-Methylnaphthalene	10	U
77-47-4	Hexachlorocyclopentadiene	10	U
88-06-2	2,4,6-Trichlorophenol	10	U
95-95-4	2,4,5-Trichlorophenol	50	U
91-58-7	2-Chloronaphthalene	10	U
88-74-4	2-Nitroaniline	50	U
131-11-3	Dimethyl Phthalate	10	U
208-96-8	Acenaphthylene	10	U
606-20-2	2,6-Dinitrotoluene	10	U