3 10 00791

INTERNATIONAL TECHNOLOGY CORPORATION

REMEDIAL INVESTIGATION REPORT
SCRDI-BLUFF ROAD SITE
COLUMBIA, SOUTH CAROLINA

VOLUME 2

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REGION IV
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Prepared by:

IT Corporation
312 Directors Drive
Knoxville, TN 37923

October 1989

IT Project No. 408619

Approved: Michael N Sturdevant
Project Director, IT Corporation
Date: 10/18/89

Approved: Dwight Fuller
Project Manager, IT Corporation
Date: 10-18-89

Approved: Skip Wyatt RPG # 209
South Carolina Registered Geologist,
Date: 10-19-89

RSK2358COV

10925822

3 10 00792

APPENDIX A

CERTIFICATES OF ANALYSIS

3 10 00793

APPENDIX A

TABLE OF CONTENTS

Sorted by Location

Location	Sample Number
1A	J1533
1B	J1532
2A	J1554
2B	J1553
3B	J1557
3C	J1578
4A	J1522
4B	J1523
5B	J1537
6B	J1559
7A	J0430
7B	J1530
7B	J1531
7C	J1566
7C	J1567
8B	J1538
9B	J1560
9C	J1577
10B	J1558
11A	J0426
11B	J0429
12A	J1524
12B	J1525
12C	J1582
13B	J1563
B1,3/7	J0493
B1,3/7	J0495
B1,7/11	J0494
B2,3/7	J0496
B2,3/7	J0498
B2,7/11	J0497
B3,3/7	J0445
B3,7/11	J0446
B4,3/7	J1509
B4,3/7	J1508
B4,7/11	J1510
B5,3/7	J1512
B5,3/7	J1513
B5,7/11	J1514
B6,3/7	J0475
B6,7/11	J0476
B7,3/7	J1505
B7,3/7	J1506
B7,7/11	J1507
B8,3/7	J0449
B8,3/7	J1501
B8,7/11	J1500
B9,11/15	J0492

Sorted by Sample Number

Sample Number	Location
J0337	SS04
J0338	SS03
J0339	SS17
J0340	SS16
J0341	SS15
J0342	SS13
J0343	SS14
J0345	SS05
J0346	SS06
J0347	SS07
J0348	SS02
J0349	SS09
J0350	SS10
J0351	SS11
J0352	SS12
J0353	SS06
J0354	SS12
J0356	DLS1
J0357	SS01
J0358	WLS3
J0359	WLS1
J0360	DLS2
J0361	DLS3
J0362	WLS2
J0363	WLW1
J0364	WLW2
J0365	WLW3
J0368	SS18
J0369	SS19
J0370	SS20
J0371	SS19
J0372	SS20
J0373	SS21
J0374	SS22
J0375	SS23
J0376	SS24
J0378	SS25
J0379	SS26
J0380	SS27
J0381	SS28
J0382	SS29
J0383	SS30
J0384	SS31
J0385	SS32
J0386	SS33
J0387	SS34
J0388	P20
J0389	P6
J0390	SR1

3 10 00794 APPENDIX A

TABLE OF CONTENTS

Sorted by Location

Location	Sample Number
B9,3/7	J0491
B9,7/11	J0490
B10,3/7	J0489
B11,3/7	J0455
B11,7/11	J0456
B12,3/7	J0450
B12,7/11	J0454
B13,3/7	J0457
B13,7/11	J0458
B14,3/7	J0488
B14,7/11	J0482
B15,3/7	J0473
B15,7/11	J0474
B16,3/7	J0462
B16,7/11	J0461
B17,3/7	J0448
B17,7/11	J0449
B18,3/7	J0451
B18,7/11	J0452
B19,11/15	J0485
B19,3/7	J0483
B19,7/11	J0484
B20,3/7	J0481
B21,3/7	J0487
B21,7/11	J0486
B22,3/7	J0479
B22,7/11	J0480
B23,3/7	J0477
B23,7/11	J0478
B24,7/11	J0471
B25,3/7	J0469
B25,7/11	J0470
B26,3/7	J0467
B26,7/11	J0468
B27,3/7	J0465
B27,7/11	J0466
B28,3/7	J0463
B28,7/11	J0464
B29,3/7	J0459
B29,7/11	J0460
DLS1	J0356
DLS2	J0360
DLS3	J0361
DW1	J0408
DW1	J0416
DW2	J0411
DW3	J0415

Sorted by Sample Number

Sample Number	Location
J0391	RS1
J0392	SR1
J0393	RS2
J0394	SR2
J0397	P7
J0398	P22
J0399	P17
J0400	P18
J0401	P19
J0402	P21
J0408	DW1
J0409	P11
J0410	P14
J0411	DW2
J0413	P12
J0414	P13
J0415	DW3
J0416	DW1
J0417	P16
J0418	P16
J0419	P15
J0422	P10
J0423	P8
J0424	P9
J0426	11A
J0429	11B
J0430	7A
J0445	B3,3/7
J0446	B3,7/11
J0448	B17,3/7
J0449	B17,7/11
J0449	B8,3/7
J0450	B12,3/7
J0451	B18,3/7
J0452	B18,7/11
J0454	B12,7/11
J0455	B11,3/7
J0456	B11,7/11
J0457	B13,3/7
J0458	B13,7/11
J0459	B29,3/7
J0460	B29,7/11
J0461	B16,7/11
J0462	B16,3/7
J0463	B28,3/7
J0464	B28,7/11
J0465	B27,3/7
J0466	B27,7/11
J0467	B26,3/7

3 10 00795

APPENDIX A

TABLE OF CONTENTS

Sorted by Location

Location	Sample Number
P6	J0389
P7	J0397
P8	J0423
P9	J0424
P10	J0422
P11	J0409
P12	J0413
P13	J0414
P14	J0410
P15	J0419
P16	J0418
P16	J0417
P17	J0399
P18	J0400
P19	J0401
P20	J0388
P21	J0402
P22	J0398
RS1	J0391
RS2	J0393
SR1	J0390
SR1	J0392
SR2	J0394
SS01	J0357
SS02	J0348
SS03	J0338
SS04	J0337
SS05	J0345
SS06	J0353
SS06	J0346
SS07	J0347
SS09	J0349
SS10	J0350
SS11	J0351
SS12	J0354
SS12	J0352
SS13	J0342
SS14	J0343
SS15	J0341
SS16	J0340
SS17	J0339
SS18	J0368
SS19	J0371
SS19	J0369
SS20	J0370
SS20	J0372

Sorted by Sample Number

Sample Number	Location
J0468	B26,7/11
J0469	B25,3/7
J0470	B25,7/11
J0471	B24,7/11
J0473	B15,3/7
J0474	B15,7/11
J0475	B6,3/7
J0476	B6,7/11
J0477	B23,3/7
J0478	B23,7/11
J0479	B22,3/7
J0480	B22,7/11
J0481	B20,3/7
J0482	B14,7/11
J0483	B19,3/7
J0484	B19,7/11
J0485	B19,11/15
J0486	B21,7/11
J0487	B21,3/7
J0488	B14,3/7
J0489	B10,3/7
J0490	B9,7/11
J0491	B9,3/7
J0492	B9,11/15
J0493	B1,3/7
J0494	B1,7/11
J0495	B1,3/7
J0496	B2,3/7
J0497	B2,7/11
J0498	B2,3/7
J1500	B8,7/11
J1501	B8,3/7
J1505	B7,3/7
J1506	B7,3/7
J1507	B7,7/11
J1508	B4,3/7
J1509	B4,3/7
J1510	B4,7/11
J1512	B5,3/7
J1513	B5,3/7
J1514	B5,7/11
J1522	4A
J1523	4B
J1524	12A
J1525	12B
J1530	7B
J1531	7B
J1532	1B
J1533	1A

APPENDIX A

3 10 00796

TABLE OF CONTENTS

Sorted by Location

Location	Sample Number
SS21	J0373
SS22	J0374
SS23	J0375
SS24	J0376
SS25	J0378
SS26	J0379
SS27	J0380
SS28	J0381
SS29	J0382
SS30	J0383
SS31	J0384
SS32	J0385
SS33	J0386
SS34	J0387
WLS1	J0359
WLS2	J0362
WLS3	J0358
WLW1	J0363
WLW2	J0364
WLW3	J0365

Sorted by Sample Number

Sample Number	Location
J1537	5B
J1538	8B
J1553	2B
J1554	2A
J1557	3B
J1558	10B
J1559	6B
J1560	9B
J1563	13B
J1566	7C
J1567	7C
J1577	9C
J1578	3C
J1582	12C

VOLATILE ORGANICS

Acetone	1,2-Dichloropropane
Benzene	cis-1,3-Dichloropropene
Bromodichloromethane	trans-1,3-Dichloropropene
Bromoform	Ethyl benzene
Bromomethane	2-Hexanone
2-Butanone	4-Methyl-2-pentanone
Carbon disulfide	Methylene chloride
Carbon tetrachloride	Styrene
Chlorobenzene	1,1,2,2-Tetrachloroethane
Chloroethane	Tetrachloroethene
Chloroform	Toluene
Chloromethane	1,1,1-Trichloroethane
Dibromochloromethane	1,1,2-Trichloroethane
1,1-Dichloroethane	Trichloroethene
1,2-Dichloroethane	Vinyl acetate
1,1-Dichloroethene	Vinyl chloride
trans-1,2-Dichloroethene	Xylenes, total

TARGET COMPOUND LIST

3 10 00798

BASE NEUTRAL EXTRACTABLE ORGANICS

Acenaphthene
Acenapthylene
Anthracene
Benzo(a)anthracene
Benzo(b)fluoranthene
Benzo(k)fluoranthene
Benzo(a)pyrene
Benzo(g,h,i)perylene
Benzoic acid
Benzyl alcohol
Benzyl butyl phthalate
bis(2-Chloroethoxy)methane
bis(2-Chloroethyl)ether
bis(2-Chloroisoproyl)ether
bis(2-Ethylhexyl)phthalate
4-Bromophenyl phenyl ether
4-Chloroaniline
2-Chloronaphthalene
4-Chlorophenyl phenyl ether
Chrysene
Dibenzo(a,h)anthracene
Dibenzofuran
Di-n-butylphthalate
1,2-Dichlorobenzene
1,3-Dichlorobenzene
1,4-Dichlorobenzene
3,3--Dichlorobenzidine
Diethyl phthalate
Dimethyl phthalate
2,4-Dinitrotoluene
2,6-Dinitrotoluene
Di-n-octylphthalate
Fluoranthene
Fluorene
Hexachlorobenzene
Hexachlorobutadiene
Hexachlorocyclopentadiene
Hexachloroethane
Indeno(1,2,3-cd)pyrene
2-Methyl naphthalene
Isophorone
Naphthalene
2-Nitroaniline
3-Nitroaniline
4-Nitroaniline
Nitrobenzene
n-Nitrosodi-n-propylamine
n-Nitrosodiphenylamine
Phenanthrene
Pyrene
1,2,4-Trichlorobenzene

ACID EXTRACTABLE ORGANICS

4-Chloro-3-methylphenol
2-Chlorophenol
2,4-Dichlorophenol
2,4-Dimethylphenol
2,4-Dinitrophenol
2-Methyl-4,6-dinitrophenol
2-Methylphenol
4-Methylphenol
2-Nitrophenol
4-Nitrophenol
Pentachlorophenol
Phenol
2,4,5-Tricholorophenol
2,4,6-Trichlorophenol

(Continued)

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PESTICIDES AND PCBs

Aldrin	Endrin
α-BHC	Endrin ketone
β-BHC	Heptachlor
γ-BHC (lindane)	Heptachlor epoxide
δ-BHC	Methoxychlor
α-Chlordane	PCB-(Aroclor)-1242
γ-Chlordane	PCB-(Aroclor)-1254
4,4'-DDT	PCB-(Aroclor)-1221
4,4'-DDE	PCB-(Aroclor)-1232
4,4'-DDD	PCB-(Aroclor)-1248
Dieldrin	PCB-(Aroclor)-1260
α-Endosulfan	PCB-(Aroclor)-1016
β-Endosulfan	Toxaphene
Endosulfan sulfate	

(Continued)

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METALS

Aluminum	Magnesium
Antimony	Manganese
Arsenic	Mercury
Barium	Nickel
Beryllium	Potassium
Cadmium	Selenium
Calcium	Silver
Chromium	Sodium
Cobalt	Thallium
Copper	Vanadium
Iron	Zinc
Lead	

CLASSICAL PARAMETERS

Cyanide

TARGET ANALYTE LIST

3 10 00801

INTERNATIONAL TECHNOLOGY CORPORATION

ANALYTICAL SERVICES

5815 Middlebrook Pike • Knoxville, Tennessee 37921 • 615-588-6401

CERTIFICATE OF ANALYSIS

TO IT Corporation
ATTN: D. Erikson
312 Directors Drive
Knoxville, TN 37923

DATE REPORTED: September 23, 1988
PROJECT CODE: ITEK 41880
ORDER NUMBER: 408619
PAGE 1 OF 7

Sample Description: T0825882000 (Sludge)

VOLATILE ORGANIC PRIORITY POLLUTANT ANALYSIS

Compound	Concentration (µg/kg)	Compound	Concentration (µg/kg)
...lein[1]	ND	1,1-dichloroethene	ND
...crylonitrile[1]	ND	trans-1,2-dichloroethene	ND
benzene	ND	1,2-dichloropropane	ND
bromodichloromethane	ND	cis-1,3-dichloropropene	ND
bromoform	ND	trans-1,3-dichloropropene	ND
bromomethane[1]	ND	ethyl benzene	170,000
carbon tetrachloride	ND	methylene chloride	<12,000
chlorobenzene	ND	1,1,2,2-tetrachloroethane	110,000
chloroethane[1]	ND	tetrachloroethene	<12,000
2-chloroethylvinyl ether[1]	ND	toluene	73,000
chloroform	120,000	1,1,1-trichloroethane	ND
chloromethane[1]	ND	1,1,2-trichloroethane	ND
dibromochloromethane	ND	trichloroethene	210,000
1,1-dichloroethane	ND	vinyl chloride[1]	ND
1,2-dichloroethane	ND		

Remarks: 12,000 = Quantitation Limit
ND = Not detected
< = Detected but at a level less than the quantitation limit.
1 = This component has a quantitation limit two (2) times that listed.

Alyce K. Moore
Approved by Laboratory Manager

Title

Accredited by the American Association for ...

3 10 00802

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Knoxville, TN 37923

DATE REPORTED: September 23, 1988
PROJECT CODE: ITEK 41880
ORDER NUMBER: 408619
PAGE 2 OF 7

Sample Description: T0825882000 (Sludge)

ADDITIONAL VOLATILE ORGANIC COMPOUNDS

Tentative Identification (1)	CAS Number	Concentration (2) (µg/kg)
pentanal	110-62-3	17,000
2-methyl butanal	96-17-3	96,000
m- (and p-?) xylene (3)		740,000
o-xylene (3)		370,000

Remarks: 12,000 = Quantitation Limit
ND = Not detected

(1) Identification based on a computer search of N.B.S. Library.

(2) Quantitation is based on a response factor of 1.0 with respect to the nearest non-interfered internal standard.

(3) These compounds identified and quantitated versus daily standards.

Alyce K. Moore
Approved by Laboratory Manager

Title

3 10 00603

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5815 Middlebrook Pike • Knoxville, Tennessee 37921 • 615-588-6401

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TO IT Corporation
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Knoxville, TN 37923

DATE REPORTED: September 23, 1988
PROJECT CODE: ITEK 41880
ORDER NUMBER: 408619
PAGE 3 OF 7

Sample Description: T0825882000 (Sludge)

BASE/NEUTRAL EXTRACTABLE ORGANIC PRIORITY POLLUTANT ANALYSIS

Compound	Concentration (ug/kg)	Compound	Concentration (ug/kg)
acenaphthene	ND	3,3'-dichlorobenzidine **	ND
acenaphthylene	ND	diethyl phthalate	ND
anthracene	ND	dimethyl phthalate	ND
benzidine *	ND	2,4-dinitrotoluene	ND
benzo(a)anthracene	ND	2,6-dinitrotoluene	ND
benzo(b)fluoranthene	ND	di-n-octylphthalate	ND
benzo(k)fluoranthene	ND	1,2-diphenylhydrazine[1]	ND
benzo(a)pyrene	ND	fluoranthene	ND
benzo(g,h,i)perylene	ND	fluorene	ND
benzyl butyl phthalate	ND	hexachlorobenzene	ND
bis(2-chloroethoxy)methane	ND	hexachlorobutadiene	ND
bis(2-chloroethyl)ether	ND	hexachlorocyclopentadiene	ND
bis(2-chloroisopropyl)ether	ND	hexachloroethane	ND
bis(2-ethylhexyl)phthalate	ND	indeno(1,2,3-cd)pyrene	ND
4-bromophenyl phenyl ether	ND	isophorone	3,000,000
2-chloronaphthalene	ND	naphthalene	ND
4-chlorophenyl phenyl ether	ND	nitrobenzene	ND
chrysene	ND	N-nitrosodimethylamine	ND
dibenzo(a,h)anthracene	ND	N-nitrosodi-n-propylamine	ND
di-n-butylphthalate	ND	N-nitrosodiphenylamine[2]	ND
1,2-dichlorobenzene	ND	phenanthrene	ND
1,3-dichlorobenzene	ND	pyrene	ND
1,4-dichlorobenzene	ND	1,2,4-trichlorobenzene	ND

Remarks: 500,000 = Quantitation limit.
ND = Not detected.
< = Detected but at a level less than the quantitation limit.
* = This compound has a quantitation limit five (5) times that listed.
** = This compound has a quantitation limit two (2) times that listed.
[1] Screened for as Azobenzene [2] Detected as Diphenylamine

Alyce K. Moore
Approved by Laboratory Manager

Title

3 10 00804

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312 Directors Drive
Knoxville, TN 37923

DATE REPORTED: September 23, 1988
PROJECT CODE: ITEK 41880
ORDER NUMBER: 408619
PAGE 4 OF 7

Sample Description: T0825882000 (Sludge)

ACID EXTRACTABLE ORGANIC PRIORITY POLLUTANT ANALYSIS

Compound	Concentration (µg/kg)	Compound	Concentration (µg/kg)
[redacted]oro-3-methylphenol	ND	2-nitrophenol	ND
2-chlorophenol	28,000,000	4-nitrophenol	ND
2,4-dichlorophenol	550,000	pentachlorophenol	ND
2,4-dimethylphenol	ND	phenol	11,000,000
2,4-dinitrophenol *	ND	2,4,6-trichlorophenol	<500,000
2-methyl-4,6-dinitrophenol *	ND		

Remarks: 500,000 = Quantitation limit.
ND = Not detected.
< = Detected but at a level less than the quantitation limit.
* = This compound has a quantitation limit of five (5) times that listed.

Approved by Alyce K. Moore
Laboratory Manager

Title

Accredited by the American Association for Laboratory Accreditation in the chemical

3 10 00805

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ANALYTICAL SERVICES

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CERTIFICATE OF ANALYSIS

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312 Directors Drive
Knoxville, TN 37923

DATE REPORTED: September 23, 1988
PROJECT CODE: ITEK 41880
ORDER NUMBER: 408619
PAGE 5 OF 7

Sample Description: T0825882000 (Sludge)

ADDITIONAL EXTRACTABLE ORGANIC POLLUTANTS

Compound (1)	CAS Number	Concentration (2) (µg/kg)
cyclohexene	110-83-8	9,200,000
phenol, 2-bromo-4-chloro-	695-96-5	680,000
phenol, 2-bromo-4-chloro-	695-96-5	790,000
phenol, 2-bromo-4-chloro-	695-96-5	550,000
1-butanamine, 3-methyl-n-n-bis(	645-41-0	8,800,000
1-pentamine, n,n,-dipentyl-	621-77-2	13,000,000
[illegible]tanamine, 3-methyl-n,n-bis(	645-41-0	720,000
[illegible]wn (phthalate?)		3,100,000
[illegible]own		420,000
unknown		890,000
unknown		1,400,000
metetilachlor	51218-45-2	1,200,000
unknown		3,200,000
unknown		1,200,000
chloropropylate (ACN)	5836-10-2	8,700,000
unknown		990,000
bromopropylate (ACN)	18181-80-1	9,100,000
unknown		6,000,000

Remarks: 500,000 = Quantitation Limit
ND = Not detected

(1) Identification based on a computer search of N.B.S. Library.

(2) Quantitation is based on a response factor of 1.0 with respect to the nearest non-interfered internal standard.

Approved by Alyce L. Moore / Laboratory Manager

Title

3 10 00806

INTERNATIONAL TECHNOLOGY CORPORATION

ANALYTICAL SERVICES

5815 Middlebrook Pike • Knoxville, Tennessee 37921 • 615-588-6401

CERTIFICATE OF ANALYSIS

TO IT Corporation
ATTN: D. Erikson
312 Directors Drive
Knoxville, TN 37923

DATE REPORTED: September 23, 1988
PROJECT CODE: ITEK 41880
ORDER NUMBER: 408619
PAGE 6 OF 7

Sample Description: One (1) sludge sample received August 27, 1988

Concentration units are mg/kg (ppm)

	Aroclor 1016, 1232 1242† and/or 1248	Aroclor 1254	Aroclor 1260	Total Aroclors
25882000	<0.3*	<0.4*	<0.5*	<0.5*

†Sample Aroclor pattern identified and/or calculated as Aroclor 1242.
*Higher detection limit due to interference.

Approved by Alyce L. Moore
Laboratory Manager
Title

Accredited by the American Association for Laboratory Accreditation in the chemical field of testing as listed in the current AALA Directory of Accredited Laboratories

93-9-85

3 10 00807

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CERTIFICATE OF ANALYSIS

TO IT Corporation
ATTN: D. Erikson
312 Directors Drive
Knoxville, TN 37923

DATE REPORTED: September 23, 1988
PROJECT CODE: ITEK 41880
ORDER NUMBER: 408619
PAGE 7 OF 7

Sample Description: One (1) sludge sample received August 27, 1988

Concentration units are mg/kg (ppm)

ICAP SCAN

	T0825882000
Silver	<1
Aluminum	1,730
Arsenic	24
Boron	<2
Barium	30.1
Beryllium	<0.2
Calcium	574
Cadmium	<1
Cerium	12
[illegible]alt	8
[illegible]omium	536
Copper	430
Iron	109,000
Potassium	<200
Lanthanum	3
Lithium	2
Magnesium	178
Manganese	422
Molybdenum	<2
Sodium	10,100
Niobium	<2
Nickel	37
Phosphorus	1,050
Lead	36
Antimony	439
Selenium	<12
Silicon	153
Tin	27
Strontium	2.5
Thorium	<2
Titanium	34.5
Thallium	<6
Uranium	<40
Vanadium	4
[illegible]ium	2
[illegible]	105
[illegible]irconium	<1
Mercury	1.6

Alyce L. Moore
Approved by Laboratory Manager

Title

Accredited by the American Association for Laboratory Accreditation in the chemical field of testing as listed in the current AALA Directory of Accredited Laboratories

93-9-85

3 10 00808

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

J0337 0

Lab Name: ITAS-KNOXVILLE Contract:

Lab Code: ITSTU Case No.: ITEC 41994 SAS No.: SDG No.: J0337

Matrix: (soil/water) SOIL Lab Sample ID: HH5424

Sample wt/vol: 4 (g/mL) G Lab File ID: HH5424R

Level: (low/med) MED Date Received: 09/23/88

% Moisture: not dec. 13 Date Analyzed: 10/01/88

Column: (pack/cap) PACK Dilution Factor: 10

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
74-87-3	Chloromethane	14000	U
74-83-9	Bromomethane	14000	U
75-01-4	Vinyl Chloride	14000	U
75-00-3	Chloroethane	14000	U
75-09-2	Methylene Chloride	7200	U
67-64-1	Acetone	45000	B
75-15-0	Carbon Disulfide	7200	U
75-35-4	1,1-Dichloroethene	7200	U
75-34-3	1,1-Dichloroethane	7200	U
540-59-0	1,2-Dichloroethene (total)	7200	U
67-66-3	Chloroform	2000	J
107-06-2	1,2-Dichloroethane	7200	U
78-93-3	2-Butanone	14000	U
71-55-6	1,1,1-Trichloroethane	7200	U
56-23-5	Carbon Tetrachloride	7200	U
108-05-4	Vinyl Acetate	14000	U
75-27-4	Bromodichloromethane	7200	U
78-87-5	1,2-Dichloropropane	7200	U
10061-01-5	cis-1,3-Dichloropropene	7200	U
79-01-6	Trichloroethene	23000	
124-48-1	Dibromochloromethane	7200	U
79-00-5	1,1,2-Trichloroethane	7200	U
71-43-2	Benzene	7200	U
10061-02-6	trans-1,3-Dichloropropene	7200	U
75-25-2	Bromoform	7200	U
108-10-1	4-Methyl-2-Pentanone	14000	U
591-78-6	2-Hexanone	14000	U
127-18-4	Tetrachloroethene	56000	
79-34-5	1,1,2,2-Tetrachloroethane	100000	
108-88-3	Toluene	29000	
108-90-7	Chlorobenzene	16000	
100-41-4	Ethylbenzene	7200	U
100-42-5	Styrene	7200	U
1330-20-7	Xylene (total)	5200	J

3 10 00809

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

J0337 C130

Lab Name: ITAS-KNOXVILLE Contract: _____

Lab Code: IT-STU Case No.: 41994 (TGR) SAS No.: _____ SDG No.: J0337

Matrix: (soil/water) SOIL Lab Sample ID: HH5428

Sample wt/vol: 30.2 (g/mL) G Lab File ID: HH5428

Level: (low/med) LOW Date Received: 09/23/88

% Moisture: not dec. 13 dec. ____ Date Extracted: 09/26/88

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 10/14/88

GPC Cleanup: (Y/N) N pH: 7.2 Dilution Factor: 2.00

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
108-95-2	Phenol	210000	E
111-44-4	bis(2-Chloroethyl)Ether	750	U
95-57-8	2-Chlorophenol	200000	E
541-73-1	1,3-Dichlorobenzene	750	U
106-46-7	1,4-Dichlorobenzene	750	U
100-51-6	Benzyl Alcohol	110000	E
95-50-1	1,2-Dichlorobenzene	750	U
95-48-7	2-Methylphenol	58000	E
108-60-1	bis(2-Chloroisopropyl)Ether	750	U
106-44-5	4-Methylphenol	14000	E
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	450	J
88-75-5	2-Nitrophenol	750	U
105-67-9	2,4-Dimethylphenol	750	U
65-85-0	Benzoic Acid	3700	U
111-91-1	bis(2-Chloroethoxy)Methane	750	U
120-83-2	2,4-Dichlorophenol	29000	E
120-82-1	1,2,4-Trichlorobenzene	750	U
91-20-3	Naphthalene	1200	
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	410	J
77-47-4	Hexachlorocyclopentadiene	750	U
88-06-2	2,4,6-Trichlorophenol	750	U
95-95-4	2,4,5-Trichlorophenol	810	J
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

3 10 00810 IC

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

J0337

Lab Name: ITAS-KNOXVILLE Contract: _____

Lab Code: IT-STU Case No.: 41994 ITGR SAS No.: _____ SDG No.: J0337

Matrix: (soil/water) SOIL Lab Sample ID: HH5428

Sample wt/vol: 30.2 (g/mL) G Lab File ID: HH5428

Level: (low/med) LOW Date Received: 09/23/88

% Moisture: not dec. 13 dec. ____ Date Extracted: 09/26/88

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 10/14/88

GPC Cleanup: (Y/N) N pH: 7.2 Dilution Factor: 2.00

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	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	1500	
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	2200	
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	750	U
117-84-0	Di-n-Octyl Phthalate	44000	E
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

3 10 00811

0246

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

J0337DL

Lab Name: ITAS-KNOXVILLE Contract: _____

Lab Code: IT-STU Case No.: 41994 SAS No.: _____ SDG No.: J0337

Matrix: (soil/water) SOIL Lab Sample ID: HH5428D2

Sample wt/vol: 30.2 (g/mL) G Lab File ID: HH5428D2

Level: (low/med) LOW Date Received: 09/23/88

% Moisture: not dec. 13 dec. ____ Date Extracted: 09/26/88

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 10/14/88

GPC Cleanup: (Y/N) N pH: 7.2 Dilution Factor: 100.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
108-95-2	Phenol	350000	D
111-44-4	bis(2-Chloroethyl)Ether	38000	U
95-57-8	2-Chlorophenol	450000	D
541-73-1	1,3-Dichlorobenzene	38000	U
106-46-7	1,4-Dichlorobenzene	38000	U
100-51-6	Benzyl Alcohol	64000	D
95-50-1	1,2-Dichlorobenzene	38000	U
95-48-7	2-Methylphenol	110000	D
108-60-1	bis(2-Chloroisopropyl)Ether	38000	U
106-44-5	4-Methylphenol	16000	DJ
621-64-7	N-Nitroso-Di-n-Propylamine	38000	U
67-72-1	Hexachloroethane	38000	U
98-95-3	Nitrobenzene	38000	U
78-59-1	Isophorone	38000	U
88-75-5	2-Nitrophenol	38000	U
105-67-9	2,4-Dimethylphenol	38000	U
65-85-0	Benzoic Acid	180000	U
111-91-1	bis(2-Chloroethoxy)Methane	38000	U
120-83-2	2,4-Dichlorophenol	29000	DJ
120-82-1	1,2,4-Trichlorobenzene	38000	U
91-20-3	Naphthalene	38000	U
106-47-8	4-Chloroaniline	38000	U
87-68-3	Hexachlorobutadiene	38000	U
59-50-7	4-Chloro-3-Methylphenol	38000	U
91-57-6	2-Methylnaphthalene	38000	U
77-47-4	Hexachlorocyclopentadiene	38000	U
88-06-2	2,4,6-Trichlorophenol	38000	U
95-95-4	2,4,5-Trichlorophenol	180000	U
91-58-7	2-Chloronaphthalene	38000	U
88-74-4	2-Nitroaniline	180000	U
131-11-3	Dimethyl Phthalate	38000	U
208-96-8	Acenaphthylene	38000	U
606-20-2	2,6-Dinitrotoluene	38000	U

3 10 00812

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

J0337DL

Lab Name: ITAS-KNOXVILLE Contract: _____

Lab Code: IT-STU Case No.: 41994 SAS No.: _____ SDG No.: J0337

Matrix: (soil/water) SOIL Lab Sample ID: HH5428D2

Sample wt/vol: 30.2 (g/mL) G Lab File ID: HH5428D2

Level: (low/med) LOW Date Received: 09/23/88

% Moisture: not dec. 13 dec. ____ Date Extracted: 09/26/88

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 10/14/88

GPC Cleanup: (Y/N) N pH: 7.2 Dilution Factor: 100.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
99-09-2	3-Nitroaniline	180000	U
83-32-9	Acenaphthene	38000	U
51-28-5	2,4-Dinitrophenol	180000	U
100-02-7	4-Nitrophenol	180000	U
132-64-9	Dibenzofuran	38000	U
121-14-2	2,4-Dinitrotoluene	38000	U
84-66-2	Diethylphthalate	38000	U
7005-72-3	4-Chlorophenyl-phenylether	38000	U
86-73-7	Fluorene	38000	U
100-01-6	4-Nitroaniline	180000	U
534-52-1	4,6-Dinitro-2-Methylphenol	180000	U
86-30-6	N-Nitrosodiphenylamine (1)	38000	U
101-55-3	4-Bromophenyl-phenylether	38000	U
118-74-1	Hexachlorobenzene	38000	U
87-86-5	Pentachlorophenol	180000	U
85-01-8	Phenanthrene	38000	U
120-12-7	Anthracene	38000	U
84-74-2	Di-n-Butylphthalate	38000	U
206-44-0	Fluoranthene	38000	U
129-00-0	Pyrene	38000	U
85-68-7	Butylbenzylphthalate	38000	U
91-94-1	3,3'-Dichlorobenzidine	75000	U
56-55-3	Benzo(a)Anthracene	38000	U
218-01-9	Chrysene	38000	U
117-81-7	bis(2-Ethylhexyl)Phthalate	38000	U
117-84-0	Di-n-Octyl Phthalate	60000	D
205-99-2	Benzo(b)Fluoranthene	38000	U
207-08-9	Benzo(k)Fluoranthene	38000	U
50-32-8	Benzo(a)Pyrene	38000	U
193-39-5	Indeno(1,2,3-cd)Pyrene	38000	U
53-70-3	Dibenz(a,h)Anthracene	38000	U
191-24-2	Benzo(g,h,i)Perylene	38000	U

(1) - Cannot be separated from Diphenylamine

3 10 00813

1D

PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO: J0337 040

Lab Name: ITAS-KNOXVILLE Contract:

Lab Code: IT-STU Case No.: ITEK 41994 SAS No.: SDG No.: J0337

Matrix: (soil/water) SOIL Lab Sample ID: HHS428055.T.

Sample wt/vol: 30.24 (g/mL) G Lab File ID:

Level: (low/med) LOW Date Received: 09/23/88

% Moisture: not dec. 13 dec. Date Extracted: 09/26/88

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 10/07/88

GPC Cleanup: (Y/N) N pH: 7.2 Dilution Factor: 10

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
319-84-6	alpha-BHC	92	U
319-85-7	beta-BHC	92	U
319-86-8	delta-BHC	92	U
58-89-9	gamma-BHC (Lindane)	92	U
76-44-8	Heptachlor	180	U
309-00-2	Aldrin	92	U
1024-57-3	Heptachlor epoxide	92	U
959-98-8	Endosulfan I	92	U
60-57-1	Dieldrin	180	U
72-55-9	4,4'-DDE	180	U
72-20-8	Endrin	180	U
33213-65-9	Endosulfan II	180	U
72-54-8	4,4'-DDD	180	U
1031-07-8	Endosulfan sulfate	180	U
50-29-3	4,4'-DDT	220	
72-43-5	Methoxychlor	2700	
53494-70-5	Endrin ketone	180	U
5103-71-9	alpha-Chlordane	920	U
5103-74-2	gamma-Chlordane	920	U
8001-35-2	Toxaphene	1800	U
12674-11-2	Aroclor-1016	920	U
11104-28-2	Aroclor-1221	1900	U
11141-16-5	Aroclor-1232	920	U
53469-21-9	Aroclor-1242	920	U
12672-29-6	Aroclor-1248	920	U
11097-69-1	Aroclor-1254	1800	U
11096-82-5	Aroclor-1260	1800	U

3 10 00814

0472

EPA SAMPLE N

J0337 DL

1D

PESTICIDE ORGANICS ANALYSIS DATA SHEET

Lab Name: ITAS-KNOXVILLE Contract: _____

Lab Code: IT-STU Case No.: ITEK 41994 SAS No.: _____ SDG No.: J0337

Matrix: (soil/water) SOIL Lab Sample ID: HHS428055.T

Sample wt/vol: 30.24 (g/mL) G Lab File ID: _____

Level: (low/med) LOW Date Received: 09/23/88

% Moisture: not dec. 13 dec. _____ Date Extracted: 09/26/88

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 10/06/88

GPC Cleanup: (Y/N) N pH: 7.2 Dilution Factor: 100

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
319-84-6	alpha-BHC	920	U
319-85-7	beta-BHC	920	U
319-86-8	delta-BHC	920	U
58-89-9	gamma-BHC (Lindane)	920	U
76-44-8	Heptachlor	920	U
309-00-2	Aldrin	920	U
1024-57-3	Heptachlor epoxide	920	U
959-98-8	Endosulfan I	920	U
60-57-1	Dieldrin	1800	U
72-55-9	4,4'-DDE	1800	U
72-20-8	Endrin	1800	U
33213-65-9	Endosulfan II	1800	U
72-54-8	4,4'-DDD	1800	U
1031-07-8	Endosulfan sulfate	1800	U
50-29-3	4,4'-DDT	180 ~~1800~~	U DJ
72-43-5	Methoxychlor	2300 ~~9200~~	U DJ
53494-70-5	Endrin ketone	1800	U
5103-71-9	alpha-Chlordane	9200	U
5103-74-2	gamma-Chlordane	9200	U
8001-35-2	Toxaphene	18000	U
12674-11-2	Aroclor-1016	9200	U
11104-28-2	Aroclor-1221	9200	U
11141-16-5	Aroclor-1232	9200	U
53469-21-9	Aroclor-1242	9200	U
12672-29-6	Aroclor-1248	9200	U
11097-69-1	Aroclor-1254	18000	U
11096-82-5	Aroclor-1260	18000	U

3 10 00815

U.S. EPA - CLP

003

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INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

J0337

Lab Name: ITAS-KNOXVILLE Contract: BLUFF ROAD SITE

Lab Code: [illegible] Case No.: ITEK 41994 SAS No.: _____ SDG No.: J0337

Matrix (soil/water): SOIL Lab Sample ID: HH5428 05

Level (low/med): _____ Date Received: 09/23/88

% Solids: 95.6

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

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	5880			P
7440-36-0	Antimony	6	U	N	P
7440-38-2	Arsenic	1.5			F
7440-39-3	Barium	54.2			P
7440-41-7	Beryllium	0.7	B		P
7440-43-9	Cadmium	1	U		P
7440-70-2	Calcium	1770			P
7440-47-3	Chromium	64		N	P
7440-48-4	Cobalt	5	B		P
7440-50-8	Copper	68		N	P
7439-89-6	Iron	13900		S	P
7439-92-1	Lead	18.1			F
7439-95-4	Magnesium	813	B		P
7439-96-5	Manganese	214		N	P
7439-97-6	Mercury	5.3			V
7440-02-0	Nickel	30			P
7440-09-7	Potassium	2690		S	P
7782-49-2	Selenium	0.4	U		F
7440-22-4	Silver	1	U		P
7440-23-5	Sodium	328	B		P
7440-28-0	Thallium	0.4	U		F
7440-62-2	Vanadium	11			P
7440-66-6	Zinc	67			P
	Cyanide	0.61	U		C
				11-2-88	

Color Before: BROWN Clarity Before: _____ Texture: MEDIUM

Color After: YELLOW Clarity After: CLEAR Artifacts: _____

Comments:

FORM I - IN

7/87

Rev. IFB Amendment One

3 10 00816

INTERNATIONAL TECHNOLOGY CORPORATION

ANALYTICAL SERVICES

5815 Middlebrook Pike • Knoxville, Tennessee 37921 • 615-588-6401

CERTIFICATE OF ANALYSIS

TO IT Corporation
ATTN: Dike Erikson
312 Directors Drive
Knoxville, TN 37923

DATE REPORTED: October 31, 1988
PROJECT CODE: ITEK 42009
ORDER NUMBER: 408619.01.02
PAGE 2 OF 13

Sample Description: J0338 (Soil) received September 23, 1988

VOLATILE ORGANIC TARGET COMPOUND LIST

Compound	Concentration (ug/kg)	Compound	Concentration (ug/kg)
chloromethane	11 U	1,2-dichloropropane	5 U
bromomethane	11 U	cis-1,3-dichloropropene	5 U
vinyl chloride	11 U	trichloroethene	5 J
chloroethane	11 U	dibromochloromethane	5 U
methylene chloride	8	1,1,2-trichloroethane	5 U
acetone	700 BD	benzene	5 U
carbon disulfide	5 U	trans-1,3-dichloropropene	5 U
1,1-dichloroethene	5 U	bromoform	5 U
1,1-dichloroethane	5 U	4-methyl-2-pentanone	3 J
1,2-dichloroethene (total)	45	2-hexanone	11 U
chloroform	3 J	tetrachloroethene	140
1,2-dichloroethane	5 U	1,1,2,2-tetrachloroethane	5 U
2-butanone	55	toluene	4 J
1,1,1-trichloroethane	3 J	chlorobenzene	5 U
carbon tetrachloride	5 U	ethylbenzene	5 U
vinyl acetate	11 U	styrene	5 U
bromodichloromethane	5 U	total xylenes	10

U - Compound was analyzed for but not detected. The number is the detection limit for the sample.
J - Indicates an estimated value less than the detection limit.
B - Analyte was found in the blank as well as the sample.
D - Value reported from 1:5 dilution.

Date Analyzed: 09/30/88
Dilution Factor: 1
% Moisture: 7

Alyce K. Moore
Approved by Laboratory Manager

Title

3 10 00017

INTERNATIONAL TECHNOLOGY CORPORATION

ANALYTICAL SERVICES

5815 Middlebrook Pike • Knoxville, Tennessee 37921 • 615-588-6401

CERTIFICATE OF ANALYSIS

TO IT Corporation
ATTN: Dike Erikson
312 Directors Drive
Knoxville, TN 37923

DATE REPORTED: October 31, 1988
PROJECT CODE: ITEK 42009
ORDER NUMBER: 408619.01.02

Sample Description: J0338 (Soil) received September 23, 1988

SEMIVOLATILE HAZARDOUS SUBSTANCE LIST COMPOUNDS

Compound	Concentration (µg/kg)	Compound	Concentration (µg/kg)
phenol	710 U	bis(2-chloroethoxy)methane	710 U
bis(2-chloroethyl)ether	710 U	2,4-dichlorophenol	710 U
2-chlorophenol	710 U	1,2,4-trichlorobenzene	710 U
1,3-dichlorobenzene	710 U	naphthalene	710 U
1,4-dichlorobenzene	710 U	4-chloroaniline	710 U
benzyl alcohol	710 U	hexachlorobutadiene	710 U
1,2-dichlorobenzene	710 U	4-chloro-3-methylphenol	710 U
2-methylphenol	710 U	2-methylnaphthalene	710 U
bis(2-chloroisopropyl)ether	710 U	hexachlorocyclopentadiene	710 U
4-methylphenol	710 U	2,4,6-trichlorophenol	710 U
n-nitroso-di-n-propylamine	710 U	2,4,5-trichlorophenol	3,400 U
hexachloroethane	710 U	2-chloronaphthalene	710 U
nitrobenzene	710 U	2-nitroaniline	3,400 U
isophorone	710 U	dimethyl phthalate	710 U
2-nitrophenol	710 U	acenaphthylene	710 U
2,4-dimethylphenol	710 U	2,6-dinitrotoluene	710 U
benzoic acid	3,400 U		

Date Extracted: 09/26/88
Date Analyzed: 10/06/88
Dilution Factor: 2
% Moisture: 7

U - Compound was analyzed for but not detected. The number is the detection limit for the sample.
J - Indicates an estimated value less than the detection limit.
B - Analyte was found in the blank as well as the sample.

Approved by Laboratory Manager

Title

3 10 00818

INTERNATIONAL TECHNOLOGY CORPORATION

ANALYTICAL SERVICES

5815 Middlebrook Pike • Knoxville, Tennessee 37921 • 615-588-6401

CERTIFICATE OF ANALYSIS

TO: IT Corporation
ATTN: Dike Erikson
312 Directors Drive
Knoxville, TN 37923

DATE REPORTED: October 31, 1988
PROJECT CODE: ITEK 42009
ORDER NUMBER: 408619.01.02

Sample Description: J0338 (Soil) received September 23, 1988

SEMIVOLATILE HAZARDOUS SUBSTANCE LIST COMPOUNDS (continued)

Compound	Concentration (µg/kg)	Compound	Concentration (µg/kg)
3-nitroaniline	3,400 U	anthracene	710 U
acenaphthene	710 U	di-n-butylphthalate	710 U
2,4-dinitrophenol	3,400 U	fluoranthene	710 U
4-nitrophenol	3,400 U	pyrene	710 U
dibenzofuran	710 U	butylbenzylphthalate	710 U
2,4-dinitrotoluene	710 U	3,3'-dichlorobenzidine	1,400 U
diethylphthalate	710 U	benzo(a)anthracene	710 U
4-chlorophenyl-phenylether	710 U	chrysene	710 U
fluorene	710 U	bis(2-ethylhexyl)phthalate	830 B
4-nitroaniline	3,400 U	di-n-octylphthalate	160 J
4,6-dinitro-2-methylphenol	3,400 U	benzo(b)fluoranthene	710 U
n-nitrosodiphenylamine[1]	710 U	benzo(k)fluoranthene	710 U
4-bromophenyl-phenylether	710 U	benzo(a)pyrene	710 U
hexachlorobenzene	710 U	indeno(1,2,3-cd)pyrene	710 U
pentachlorophenol	3,400 U	dibenzo(a,h)anthracene	710 U
phenanthrene	710 U	benzo(g,h,i)perylene	710 U

Date Extracted: 09/26/88
Date Analyzed: 10/06/88
Dilution Factor: 2
% Moisture: 7

U - Compound was analyzed for but not detected. The number is the detection limit for the sample.
J - Indicates an estimated value less than the detection limit.
B - Analyte was found in the blank as well as the sample.
[1] - Detected as diphenylamine.

Approved by: Laboratory Manager

Title

3 10 00819

INTERNATIONAL TECHNOLOGY CORPORATION

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ATTN: Dike Erikson
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Knoxville, TN 37923

DATE REPORTED: October 31, 1988
PROJECT CODE: ITEK 42009
ORDER NUMBER: 408619.01.02
PAGE 10 OF 13

Sample Description: J0338 (Soil) received September 23, 1988

PESTICIDE AND PCB TARGET COMPOUND LIST

Compound	Concentration (µg/kg)	Compound	Concentration (µg/kg)
α-BHC	8.6 U	endosulfan sulfate	17 U
β-BHC	8.6 U	4,4'-DDT	38
δ-BHC	8.6 U	methoxychlor	86 U
γ-BHC (lindane)	8.6 U	endrin ketone	17 U
heptachlor	8.6 U	α-chlordane	86 U
aldrin	8.6 U	γ-chlordane	86 U
heptachlor epoxide	8.6 U	toxaphene	170 U
endosulfan I	8.6 U	Aroclor 1016	86 U
dieldrin	17 U	Aroclor 1221	86 U
4,4'-DDE	17 U	Aroclor 1232	86 U
endrin	17 U	Aroclor 1242	86 U
endosulfan II	17 U	Aroclor 1248	86 U
4,4'-DDD	17 U	Aroclor 1254	170 U
		Aroclor 1260	170 U

Date Extracted: 09/26/88
Date Analyzed: 10/06/88
Dilution Factor: 5
% Moisture: 7

U - Compound was analyzed for but not detected. The number is the detection limit for the sample.

Approved by Laboratory Manager

Title

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DATE REPORTED: October 31, 1988
PROJECT CODE: ITEK 42009
ORDER NUMBER: 408619.01.02
PAGE 12 OF 13

Sample Description: J0338 (Soil) received September 23, 1988

Concentration units are mg/kg (ppm)

TARGET ANALYTE LIST - METALS

Aluminum	6,310	
Antimony	6	U
Arsenic	0.9	U
Barium	91.1	
Beryllium	0.7	B
Cadmium	1	U
Calcium	577	B
Chromium	6	
Cobalt	4	U
Copper	3	B
Iron	3,700	
Lead	7.0	
Magnesium	163	B
Manganese	421	
Mercury	0.07	
Nickel	4	U
Potassium	290	B
Selenium	0.5	U
Silver	1	U
Sodium	215	B
Thallium	0.7	B
Vanadium	9	B
Zinc	11	
Cyanide	0.54	U

% Solids: 93.2

U - Compound was analyzed for but not detected. The number is the detection limit for the sample.

B - Value greater than instrument detection limit, but less than contract required quantitation limit.

Alyce K. Mason
Approved by / Laboratory Manager

Title

3 10 00821

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DATE REPORTED: October 31, 1988
PROJECT CODE: ITEK 42005
ORDER NUMBER: 408619.05.02
PAGE 3 OF 35

Sample Description: J0339 (Soil) received September 24, 1988

VOLATILE ORGANIC TARGET COMPOUND LIST

Compound	Concentration (µg/kg)	Compound	Concentration (µg/kg)
chloromethane	1,500 U	1,2-dichloropropane	770 U
bromomethane	1,500 U	cis-1,3-dichloropropene	770 U
vinyl chloride	1,500 U	trichloroethene	770 U
chloroethane	1,500 U	dibromochloromethane	770 U
methylene chloride	1,800 B	1,1,2-trichloroethane	770 U
acetone	29,000 B	benzene	770 U
carbon disulfide	770 U	trans-1,3-dichloropropene	770 U
1,1-dichloroethene	770 U	bromoform	770 U
1,1-dichloroethane	770 U	4-methyl-2-pentanone	1,500 U
1,2-dichloroethene (total)	770 U	2-hexanone	1,500 U
chloroform	770 U	tetrachloroethene	770 U
1,2-dichloroethane	770 U	1,1,2,2-tetrachloroethane	770 U
2-butanone	1,500 U	toluene	770 U
1,1,1-trichloroethane	770 U	chlorobenzene	770 U
carbon tetrachloride	770 U	ethylbenzene	770 U
vinyl acetate	1,500 U	styrene	770 U
bromodichloromethane	770 U	total xylenes	770 U

U - Compound was analyzed for but not detected. The number is the detection limit for the sample.
J - Indicates an estimated value less than the detection limit.
B - Analyte was found in the blank as well as the sample.

Date Analyzed: 10/04/88
Dilution Factor: 1
Moisture: 19

Approved by Alyce L. Moore
Laboratory Manager

Title

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DATE REPORTED: October 31, 1988
PROJECT CODE: ITEK 42005
ORDER NUMBER: 408619.05.02
PAGE 12 OF 35

Sample Description: J0339 (Soil) received September 24, 1988

SEMIVOLATILE HAZARDOUS SUBSTANCE LIST COMPOUNDS

Compound	Concentration (µg/kg)	Compound	Concentration (µg/kg)
phenol	800 U	bis(2-chloroethoxy)methane	800 U
bis(2-chloroethyl)ether	800 U	2,4-dichlorophenol	800 U
2-chlorophenol	800 U	1,2,4-trichlorobenzene	800 U
1,3-dichlorobenzene	800 U	naphthalene	800 U
1,4-dichlorobenzene	800 U	4-chloroaniline	800 U
benzyl alcohol	800 U	hexachlorobutadiene	800 U
1,2-dichlorobenzene	800 U	4-chloro-3-methylphenol	800 U
2-methylphenol	800 U	2-methylnaphthalene	800 U
bis(2-chloroisopropyl)ether	800 U	hexachlorocyclopentadiene	800 U
4-methylphenol	800 U	2,4,6-trichlorophenol	800 U
n-nitroso-di-n-propylamine	800 U	2,4,5-trichlorophenol	3,900 U
hexachloroethane	800 U	2-chloronaphthalene	800 U
nitrobenzene	800 U	2-nitroaniline	3,900 U
isophorone	800 U	dimethyl phthalate	800 U
2-nitrophenol	800 U	acenaphthylene	800 U
2,4-dimethylphenol	800 U	2,6-dinitrotoluene	800 U
benzoic acid	390 J		

Date Extracted: 09/28/88
Date Analyzed: 10/06/88
Dilution Factor: 2
% Moisture: 19

U - Compound was analyzed for but not detected. The number is the detection limit for the sample.
J - Indicates an estimated value less than the detection limit.
B - Analyte was found in the blank as well as the sample.

Alyce L. Moore
Approved by Laboratory Manager

Title

3 10 00823

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DATE REPORTED: October 31, 1988
PROJECT CODE: ITEK 42005
ORDER NUMBER: 408619.05.02
PAGE 13 OF 35

Sample Description: J0339 (Soil) received September 24, 1988

SEMIVOLATILE HAZARDOUS SUBSTANCE LIST COMPOUNDS (continued)

Compound	Concentration (µg/kg)	Compound	Concentration (µg/kg)
3-nitroaniline	3,900 U	anthracene	800 U
acenaphthene	800 U	di-n-butylphthalate	800 U
,4-dinitrophenol	3,900 U	fluoranthene	800 U
4-nitrophenol	3,900 U	pyrene	800 U
dibenzofuran	800 U	butylbenzylphthalate	800 U
2,4-dinitrotoluene	800 U	3,3'-dichlorobenzidine	1,600 U
diethylphthalate	800 U	benzo(a)anthracene	800 U
4-chlorophenyl-phenylether	800 U	chrysene	800 U
fluorene	800 U	bis(2-ethylhexyl)phthalate	610 JB
4-nitroaniline	3,900 U	di-n-octylphthalate	800 U
4,6-dinitro-2-methylphenol	3,900 U	benzo(b)fluoranthene	800 U
n-nitrosodiphenylamine[1]	800 U	benzo(k)fluoranthene	800 U
4-bromophenyl-phenylether	800 U	benzo(a)pyrene	800 U
hexachlorobenzene	800 U	indeno(1,2,3-cd)pyrene	800 U
pentachlorophenol	3,900 U	dibenzo(a,h)anthracene	800 U
phenanthrene	800 U	benzo(g,h,i)perylene	800 U

Date Extracted: 09/28/88
Date Analyzed: 10/06/88
Dilution Factor: 2
% Moisture: 19

U - Compound was analyzed for but not detected. The number is the detection limit for the sample.
J - Indicates an estimated value less than the detection limit.
B - Analyte was found in the blank as well as the sample.
- Detected as diphenylamine.

Alyce R. Moore
Approved by Laboratory Manager
Title

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3 10 00324

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DATE REPORTED: October 31, 1988
PROJECT CODE: ITEK 42005
ORDER NUMBER: 408619.05.02
PAGE 24 OF 35

Sample Description: J0339 (Soil) received September 24, 1988

PESTICIDE AND PCB TARGET COMPOUND LIST

Compound	Concentration (µg/kg)	Compound	Concentration (µg/kg)
α-BHC	9.9 U	endosulfan sulfate	20 U
β-BHC	9.9 U	4,4'-DDT	20 U
δ-BHC	9.9 U	methoxychlor	99 U
γ-BHC (lindane)	9.9 U	endrin ketone	20 U
heptachlor	9.9 U	α-chlordane	99 U
aldrin	9.9 U	γ-chlordane	99 U
heptachlor epoxide	9.9 U	toxaphene	200 U
endosulfan I	9.9 U	Aroclor 1016	99 U
dieldrin	20 U	Aroclor 1221	99 U
4,4'-DDE	20 U	Aroclor 1232	99 U
endrin	20 U	Aroclor 1242	99 U
endosulfan II	20 U	Aroclor 1248	99 U
4,4'-DDD	20 U	Aroclor 1254	200 U
		Aroclor 1260	200 U

Date Extracted: 09/28/88
Date Analyzed: 10/06/88
Dilution Factor: 5
% Moisture: 19

U - Compound was analyzed for but not detected. The number is the detection limit for the sample.

Alyce L. Mosse
Approved by Laboratory Manager

Title

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3 10 00025

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DATE REPORTED: October 31, 1988
PROJECT CODE: ITEK 42005
ORDER NUMBER: 408619.05.02
PAGE 30 OF 35

Sample Description: J0339 (Soil) received September 24, 1988

Concentration units are mg/kg (ppm)

TARGET ANALYTE LIST - METALS

Aluminum	1,170	
Antimony	6	U
Arsenic	0.7	U
Barium	20.9	B
Beryllium	0.3	B
Cadmium	1	U
Calcium	119	B
Chromium	5	
Cobalt	4	U
Copper	2	U
Iron	4,830	
Lead	13.8	
Magnesium	88	B
Manganese	10.7	
Mercury	0.03	
Nickel	4	U
Potassium	200	U
Selenium	0.6	U
Silver	1	U
Sodium	186	B
Thallium	0.9	B
Vanadium	15	
Zinc	3	B
Cyanide	0.60	U

% Solids: 83.2

U - Compound was analyzed for but not detected. The number is the detection limit for the sample.

B - Value greater than instrument detection limit, but less than contract required quantitation limit.

Alyce K. Moore
Approved by Laboratory Manager

Title

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3 10 00826

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DATE REPORTED: October 31, 1988
PROJECT CODE: ITEK 42005
ORDER NUMBER: 408619.05.02
PAGE 6 OF ~~35~~

Sample Description: J0340 (Soil) received September 24, 1988

VOLATILE ORGANIC TARGET COMPOUND LIST

Compound	Concentration (µg/kg)	Compound	Concentration (µg/kg)
chloromethane	12 U	1,2-dichloropropane	6 U
bromomethane	12 U	cis-1,3-dichloropropene	6 U
vinyl chloride	12 U	trichloroethene	6 U
chloroethane	12 U	dibromochloromethane	6 U
methylene chloride	23 B	1,1,2-trichloroethane	6 U
acetone	17 B	benzene	6 U
carbon disulfide	6 U	trans-1,3-dichloropropene	6 U
1,1-dichloroethene	6 U	bromoform	6 U
1,1-dichloroethane	6 U	4-methyl-2-pentanone	12 U
1,2-dichloroethene (total)	6 U	2-hexanone	12 U
chloroform	6 U	tetrachloroethene	6 U
1,2-dichloroethane	6 U	1,1,2,2-tetrachloroethane	6 U
2-butanone	12 U	toluene	6 U
1,1,1-trichloroethane	6 U	chlorobenzene	6 U
carbon tetrachloride	6 U	ethylbenzene	6 U
vinyl acetate	12 U	styrene	6 U
bromodichloromethane	6 U	total xylenes	6 U

U - Compound was analyzed for but not detected. The number is the detection limit for the sample.
J - Indicates an estimated value less than the detection limit.
B - Analyte was found in the blank as well as the sample.

Date Analyzed: 10/04/88
Dilution Factor: 1
% Moisture: 17

Alyce K. Moore
Approved by Laboratory Manager

Title

3 10 00327

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DATE REPORTED: October 31, 1988
PROJECT CODE: ITEK 42005
ORDER NUMBER: 408619.05.02
PAGE 14 OF 35

Sample Description: J0340 (Soil) received September 24, 1988

SEMIVOLATILE HAZARDOUS SUBSTANCE LIST COMPOUNDS

Compound	Concentration (µg/kg)	Compound	Concentration (µg/kg)
phenol	800 U	bis(2-chloroethoxy)methane	800 U
bis(2-chloroethyl)ether	800 U	2,4-dichlorophenol	800 U
-chlorophenol	800 U	1,2,4-trichlorobenzene	800 U
.,3-dichlorobenzene	800 U	naphthalene	800 U
1,4-dichlorobenzene	800 U	4-chloroaniline	800 U
benzyl alcohol	800 U	hexachlorobutadiene	800 U
1,2-dichlorobenzene	800 U	4-chloro-3-methylphenol	800 U
2-methylphenol	800 U	2-methylnaphthalene	800 U
bis(2-chloroisopropyl)ether	800 U	hexachlorocyclopentadiene	800 U
4-methylphenol	800 U	2,4,6-trichlorophenol	800 U
n-nitroso-di-n-propylamine	800 U	2,4,5-trichlorophenol	3,900 U
hexachloroethane	800 U	2-chloronaphthalene	800 U
nitrobenzene	800 U	2-nitroaniline	3,900 U
isophorone	800 U	dimethyl phthalate	800 U
2-nitrophenol	800 U	acenaphthylene	800 U
2,4-dimethylphenol	800 U	2,6-dinitrotoluene	800 U
benzoic acid	3,900 U		

Date Extracted: 09/28/88
Date Analyzed: 10/06/88
Dilution Factor: 2
% Moisture: 17

U - Compound was analyzed for but not detected. The number is the detection limit for the sample.
J - Indicates an estimated value less than the detection limit.
B - Analyte was found in the blank as well as the sample.

Alyce K. Moore
Approved by Laboratory Manager

Title

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DATE REPORTED: October 31, 1988
PROJECT CODE: ITEK 42005
ORDER NUMBER: 408619.05.02

Sample Description: J0340 (Soil) received September 24, 1988

SEMIVOLATILE HAZARDOUS SUBSTANCE LIST COMPOUNDS (continued)

Compound	Concentration (µg/kg)	Compound	Concentration (µg/kg)
3-nitroaniline	3,900 U	anthracene	800 U
acenaphthene	800 U	di-n-butylphthalate	800 U
,4-dinitrophenol	3,900 U	fluoranthene	800 U
+-nitrophenol	3,900 U	pyrene	800 U
dibenzofuran	800 U	butylbenzylphthalate	800 U
2,4-dinitrotoluene	800 U	3,3'-dichlorobenzidine	1,600 U
diethylphthalate	800 U	benzo(a)anthracene	800 U
4-chlorophenyl-phenylether	800 U	chrysene	800 U
fluorene	800 U	bis(2-ethylhexyl)phthalate	560 JB
4-nitroaniline	3,900 U	di-n-octylphthalate	800 U
4,6-dinitro-2-methylphenol	3,900 U	benzo(b)fluoranthene	800 U
n-nitrosodiphenylamine[1]	800 U	benzo(k)fluoranthene	800 U
4-bromophenyl-phenylether	800 U	benzo(a)pyrene	800 U
hexachlorobenzene	800 U	indeno(1,2,3-cd)pyrene	800 U
pentachlorophenol	3,900 U	dibenzo(a,h)anthracene	800 U
phenanthrene	800 U	benzo(g,h,i)perylene	800 U

Date Extracted: 09/28/88
Date Analyzed: 10/06/88
Dilution Factor: 2
% Moisture: 17

U - Compound was analyzed for but not detected. The number is the detection limit for the sample.
J - Indicates an estimated value less than the detection limit.
B - Analyte was found in the blank as well as the sample.
[1] - Detected as diphenylamine.

Alyce L. Moore
Approved by Laboratory Manager

Title

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DATE REPORTED: October 31, 1988
PROJECT CODE: ITEK 42005
ORDER NUMBER: 408619.05.02
PAGE 25 OF 35

Sample Description: J0340 (Soil) received September 24, 1988

PESTICIDE AND PCB TARGET COMPOUND LIST

Compound	Concentration (µg/kg)	Compound	Concentration (µg/kg)
α-BHC	9.6 U	endosulfan sulfate	19 U
β-BHC	9.6 U	4,4'-DDT	19 U
δ-BHC	9.6 U	methoxychlor	96 U
γ-BHC (lindane)	9.6 U	endrin ketone	19 U
heptachlor	9.6 U	α-chlordane	96 U
aldrin	9.6 U	γ-chlordane	96 U
heptachlor epoxide	9.6 U	toxaphene	190 U
endosulfan I	9.6 U	Aroclor 1016	96 U
dieldrin	19 U	Aroclor 1221	96 U
4,4'-DDE	19 U	Aroclor 1232	96 U
endrin	19 U	Aroclor 1242	96 U
endosulfan II	19 U	Aroclor 1248	96 U
4,4'-DDD	19 U	Aroclor 1254	190 U
		Aroclor 1260	190 U

Date Extracted: 09/28/88
Date Analyzed: 10/06/88
Dilution Factor: 5
% Moisture: 17

U - Compound was analyzed for but not detected. The number is the detection limit for the sample.

Alyce K. Moore
Approved by: Laboratory Manager

Title

3 10 00630

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DATE REPORTED: October 31, 1988
PROJECT CODE: ITEK 42005
ORDER NUMBER: 408619.05.02
PAGE 31 OF 35

Sample Description: J0340 (Soil) received September 24, 1988

Concentration units are mg/kg (ppm)

TARGET ANALYTE LIST - METALS

Aluminum	2,970	
Antimony	6	U
Arsenic	1.7	
Barium	30.3	B
Beryllium	0.5	B
Cadmium	1	U
Calcium	86	B
Chromium	4	
Cobalt	4	U
Copper	2	B
Iron	4,760	
Lead	10.1	
Magnesium	90	B
Manganese	7.8	
Mercury	0.03	U
Nickel	4	U
Potassium	200	U
Selenium	0.6	U
Silver	1	U
Sodium	127	B
Thallium	0.6	B
Vanadium	13	
Zinc	3	B
Cyanide	0.60	U

% Solids: 83.5

U - Compound was analyzed for but not detected. The number is the detection limit for the sample.

B - Value greater than instrument detection limit, but less than contract required quantitation limit.

Alyce K. Moore
Approved by Laboratory Manager

Title

3 10 00631

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DATE REPORTED: October 31, 1988
PROJECT CODE: ITEK 42005
ORDER NUMBER: 408619.05.02
PAGE 7 OF 35

Sample Description: J0341 (Soil) received September 24, 1988

VOLATILE ORGANIC TARGET COMPOUND LIST

Compound	Concentration (µg/kg)	Compound	Concentration (µg/kg)
chloromethane	11 U	1,2-dichloropropane	6 U
bromomethane	11 U	cis-1,3-dichloropropene	6 U
vinyl chloride	11 U	trichloroethene	6 U
chloroethane	11 U	dibromochloromethane	6 U
methylene chloride	12 B	1,1,2-trichloroethane	6 U
acetone	280 BE	benzene	6 U
carbon disulfide	2 J	trans-1,3-dichloropropene	6 U
1,1-dichloroethene	6 U	bromoform	6 U
1,1-dichloroethane	6 U	4-methyl-2-pentanone	11 U
1,2-dichloroethene (total)	6 U	2-hexanone	11 U
chloroform	6 U	tetrachloroethene	6 U
1,2-dichloroethane	6 U	1,1,2,2-tetrachloroethane	6 U
2-butanone	11 U	toluene	2 J
1,1,1-trichloroethane	6 U	chlorobenzene	6 U
carbon tetrachloride	6 U	ethylbenzene	6 U
vinyl acetate	11 U	styrene	6 U
bromodichloromethane	6 U	total xylenes	6 U

U - Compound was analyzed for but not detected. The number is the detection limit for the sample.
J - Indicates an estimated value less than the detection limit.
B - Analyte was found in the blank as well as the sample.
E - Compound exceeded CLP calibration range, but was within instrument linear range.

Date Analyzed: 10/04/88
Dilution Factor: 1
% Moisture: 12

Alyce K. Moore
Approved by Laboratory Manager

Title

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3 10 00832

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ORDER NUMBER: 408619.05.02
PAGE 16 OF 35

Sample Description: J0341 (Soil) received September 24, 1988

SEMIVOLATILE HAZARDOUS SUBSTANCE LIST COMPOUNDS

Compound	Concentration (µg/kg)	Compound	Concentration (µg/kg)
phenol	1,500 U	bis(2-chloroethoxy)methane	1,500 U
bis(2-chloroethyl)ether	1,500 U	2,4-dichlorophenol	1,500 U
-chlorophenol	1,300 J	1,2,4-trichlorobenzene	1,500 U
,3-dichlorobenzene	1,500 U	naphthalene	1,500 U
1,4-dichlorobenzene	1,500 U	4-chloroaniline	1,500 U
benzyl alcohol	1,500 U	hexachlorobutadiene	1,500 U
1,2-dichlorobenzene	1,500 U	4-chloro-3-methylphenol	1,500 U
2-methylphenol	1,500 U	2-methylnaphthalene	1,500 U
bis(2-chloroisopropyl)ether	1,500 U	hexachlorocyclopentadiene	1,500 U
4-methylphenol	1,500 U	2,4,6-trichlorophenol	1,500 U
n-nitroso-di-n-propylamine	1,500 U	2,4,5-trichlorophenol	7,200 U
hexachloroethane	1,500 U	2-chloronaphthalene	1,500 U
nitrobenzene	1,500 U	2-nitroaniline	7,200 U
isophorone	1,500 U	dimethyl phthalate	1,500 U
2-nitrophenol	1,500 U	acenaphthylene	1,500 U
2,4-dimethylphenol	1,500 U	2,6-dinitrotoluene	1,500 U
benzoic acid	7,200 U		

Date Extracted: 09/28/88
Date Analyzed: 10/07/88
Dilution Factor: 4
% Moisture: 12

U - Compound was analyzed for but not detected. The number is the detection limit for the sample.
J - Indicates an estimated value less than the detection limit.
B - Analyte was found in the blank as well as the sample.

Alyce L. Moore
Approved by Laboratory Manager

Title

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ORDER NUMBER: 408619.05.02
PAGE 17 OF 35

Sample Description: J0341 (Soil) received September 24, 1988

SEMIVOLATILE HAZARDOUS SUBSTANCE LIST COMPOUNDS (continued)

Compound	Concentration (µg/kg)	Compound	Concentration (µg/kg)
3-nitroaniline	7,200 U	anthracene	1,500 U
acenaphthene	1,500 U	di-n-butylphthalate	1,500 U
,4-dinitrophenol	7,200 U	fluoranthene	1,500 U
-nitrophenol	7,200 U	pyrene	1,500 U
dibenzofuran	1,500 U	butylbenzylphthalate	1,500 U
2,4-dinitrotoluene	1,500 U	3,3'-dichlorobenzidine	3,000 U
diethylphthalate	1,500 U	benzo(a)anthracene	1,500 U
4-chlorophenyl-phenylether	1,500 U	chrysene	1,500 U
fluorene	1,500 U	bis(2-ethylhexyl)phthalate	2,000 B
4-nitroaniline	7,200 U	di-n-octylphthalate	1,500 U
4,6-dinitro-2-methylphenol	7,200 U	benzo(b)fluoranthene	1,500 U
n-nitrosodiphenylamine[1]	1,500 U	benzo(k)fluoranthene	1,500 U
4-bromophenyl-phenylether	1,500 U	benzo(a)pyrene	1,500 U
hexachlorobenzene	1,500 U	indeno(1,2,3-cd)pyrene	1,500 U
pentachlorophenol	7,200 U	dibenzo(a,h)anthracene	1,500 U
phenanthrene	1,500 U	benzo(g,h,i)perylene	1,500 U

Date Extracted: 09/28/88
Date Analyzed: 10/07/88
Dilution Factor: 4
% Moisture: 12

U - Compound was analyzed for but not detected. The number is the detection limit for the sample.
J - Indicates an estimated value less than the detection limit.
B - Analyte was found in the blank as well as the sample.
- Detected as diphenylamine.

Alyce K. Moore
Approved by Laboratory Manager

Title

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ORDER NUMBER: 408619.05.02
PAGE 26 OF 35

Sample Description: J0341 (Soil) received September 24, 1988

PESTICIDE AND PCB TARGET COMPOUND LIST

Compound	Concentration (µg/kg)	Compound	Concentration (µg/kg)
α-BHC	9.1 U	endosulfan sulfate	18 U
β-BHC	9.1 U	4,4'-DDT	100
δ-BHC	9.1 U	methoxychlor	140
γ-BHC (lindane)	9.1 U	endrin ketone	35 U
heptachlor	9.1 U	α-chlordane	91 U
aldrin	13 U	γ-chlordane	91 U
heptachlor epoxide	9.1 U	toxaphene	180 U
endosulfan I	36 U	Aroclor 1016	140 U
dieldrin	18 U	Aroclor 1221	91 U
4,4'-DDE	18 U	Aroclor 1232	320 U
endrin	18 U	Aroclor 1242	240
endosulfan II	18 U	Aroclor 1248	220 U
4,4'-DDD	19 U	Aroclor 1254	180 U
		Aroclor 1260	180 U

Date Extracted: 09/28/88
Date Analyzed: 10/07/88
Dilution Factor: 2
% Moisture: 12

U - Compound was analyzed for but not detected. The number is the detection limit for the sample.

Alyce K. Moore
Approved by Laboratory Manager

Title

3 10 00635

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ORDER NUMBER: 408619.05.02
PAGE 32 OF 35

Sample Description: J0341 (Soil) received September 24, 1988

Concentration units are mg/kg (ppm)

TARGET ANALYTE LIST - METALS

Aluminum	1,970	
Antimony	6	U
Arsenic	1.1	
Barium	46.5	
Beryllium	0.5	B
Cadmium	1	U
Calcium	763	B
Chromium	23	
Cobalt	4	B
Copper	46	
Iron	2,790	
Lead	66	
Magnesium	469	B
Manganese	122	
Mercury	0.70	
Nickel	4	B
Potassium	200	U
Selenium	0.6	U
Silver	1	U
Sodium	170	B
Thallium	0.9	B
Vanadium	5	B
Zinc	259	
Cyanide	0.56	U

% Solids: 88.8

U - Compound was analyzed for but not detected. The number is the detection limit for the sample.

B - Value greater than instrument detection limit, but less than contract required quantitation limit.

Approved by: Alyce K. Mason
Laboratory Manager

Title

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DATE REPORTED: October 31, 1988
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PAGE 4 OF 35

Sample Description: J0342 (Soil) received September 24, 1988

VOLATILE ORGANIC TARGET COMPOUND LIST

Compound	Concentration (µg/kg)	Compound	Concentration (µg/kg)
chloromethane	11 U	1,2-dichloropropane	5 U
bromomethane	11 U	cis-1,3-dichloropropene	5 U
vinyl chloride	11 U	trichloroethene	5 U
chloroethane	11 U	dibromochloromethane	5 U
methylene chloride	7 B	1,1,2-trichloroethane	5 U
acetone	1,200 BED	benzene	5 U
carbon disulfide	5 U	trans-1,3-dichloropropene	5 U
1,1-dichloroethene	5 U	bromoform	5 U
1,1-dichloroethane	5 U	4-methyl-2-pentanone	11 U
1,2-dichloroethene (total)	5 U	2-hexanone	11 U
chloroform	5 U	tetrachloroethene	5 U
1,2-dichloroethane	5 U	1,1,2,2-tetrachloroethane	5 U
2-butanone	11 U	toluene	5 U
1,1,1-trichloroethane	5 U	chlorobenzene	5 U
carbon tetrachloride	5 U	ethylbenzene	5 U
vinyl acetate	11 U	styrene	5 U
bromodichloromethane	5 U	total xylenes	5 U

U - Compound was analyzed for but not detected. The number is the detection limit for the sample.
J - Indicates an estimated value less than the detection limit.
B - Analyte was found in the blank as well as the sample.
E - Compound exceeded CLP calibration range, but was within instrument linear range.
D - Value reported from 1:5 dilution.

Date Analyzed: 10/04/88
Dilution Factor: 1
Moisture: 8

Approved by Alyce K. Moore
Laboratory Manager

Title

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PROJECT CODE: ITEK 42005
ORDER NUMBER: 408619.05.02
PAGE 18 OF 35

Sample Description: J0342 (Soil) received September 24, 1988

SEMIVOLATILE HAZARDOUS SUBSTANCE LIST COMPOUNDS

Compound	Concentration (µg/kg)	Compound	Concentration (µg/kg)
phenol	360 U	bis(2-chloroethoxy)methane	360 U
bis(2-chloroethyl)ether	360 U	2,4-dichlorophenol	360 U
-chlorophenol	360 U	1,2,4-trichlorobenzene	360 U
,3-dichlorobenzene	360 U	naphthalene	360 U
1,4-dichlorobenzene	360 U	4-chloroaniline	360 U
benzyl alcohol	360 U	hexachlorobutadiene	360 U
1,2-dichlorobenzene	360 U	4-chloro-3-methylphenol	360 U
2-methylphenol	360 U	2-methylnaphthalene	360 U
bis(2-chloroisopropyl)ether	360 U	hexachlorocyclopentadiene	360 U
4-methylphenol	360 U	2,4,6-trichlorophenol	360 U
n-nitroso-di-n-propylamine	360 U	2,4,5-trichlorophenol	1,700 U
hexachloroethane	360 U	2-chloronaphthalene	360 U
nitrobenzene	360 U	2-nitroaniline	1,700 U
isophorone	360 U	dimethyl phthalate	360 U
2-nitrophenol	360 U	acenaphthylene	360 U
2,4-dimethylphenol	360 U	2,6-dinitrotoluene	360 U
benzoic acid	1,700 U		

Date Extracted: 09/28/88
Date Analyzed: 10/07/88
Dilution Factor: 1
% Moisture: 8

U - Compound was analyzed for but not detected. The number is the detection limit for the sample.
J - Indicates an estimated value less than the detection limit.
B - Analyte was found in the blank as well as the sample.

Alyce L. Moore
Approved by Laboratory Manager
Title

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Sample Description: J0342 (Soil) received September 24, 1988

SEMIVOLATILE HAZARDOUS SUBSTANCE LIST COMPOUNDS (continued)

Compound	Concentration (µg/kg)	Compound	Concentration (µg/kg)
3-nitroaniline	1,700 U	anthracene	360 U
acenaphthene	360 U	di-n-butylphthalate	360 U
,4-dinitrophenol	1,700 U	fluoranthene	360 U
,-nitrophenol	1,700 U	pyrene	360 U
dibenzofuran	360 U	butylbenzylphthalate	360 U
2,4-dinitrotoluene	360 U	3,3'-dichlorobenzidine	720 U
diethylphthalate	360 U	benzo(a)anthracene	360 U
4-chlorophenyl-phenylether	360 U	chrysene	360 U
fluorene	360 U	bis(2-ethylhexyl)phthalate	540 B
4-nitroaniline	1,700 U	di-n-octylphthalate	360 U
4,6-dinitro-2-methylphenol	1,700 U	benzo(b)fluoranthene	360 U
n-nitrosodiphenylamine[1]	360 U	benzo(k)fluoranthene	360 U
4-bromophenyl-phenylether	360 U	benzo(a)pyrene	360 U
hexachlorobenzene	360 U	indeno(1,2,3-cd)pyrene	360 U
pentachlorophenol	1,700 U	dibenzo(a,h)anthracene	360 U
phenanthrene	360 U	benzo(g,h,i)perylene	360 U

Date Extracted: 09/28/88
Date Analyzed: 10/07/88
Dilution Factor: 1
% Moisture: 8

U - Compound was analyzed for but not detected. The number is the detection limit for the sample.
J - Indicates an estimated value less than the detection limit.
B - Analyte was found in the blank as well as the sample.
- Detected as diphenylamine.

Alyce K. Moore
Approved by Laboratory Manager

Title

3 10 00639

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ORDER NUMBER: 408619.05.02
PAGE 27 OF 35

Sample Description: J0342 (Soil) received September 24, 1988

PESTICIDE AND PCB TARGET COMPOUND LIST

Compound	Concentration (µg/kg)	Compound	Concentration (µg/kg)
α-BHC	8.7 U	endosulfan sulfate	17 U
β-BHC	8.7 U	4,4'-DDT	17 U
δ-BHC	8.7 U	methoxychlor	87 U
γ-BHC (lindane)	8.7 U	endrin ketone	17 U
heptachlor	8.7 U	α-chlordane	87 U
aldrin	8.7 U	γ-chlordane	87 U
heptachlor epoxide	8.7 U	toxaphene	170 U
endosulfan I	8.7 U	Aroclor 1016	87 U
dieldrin	17 U	Aroclor 1221	87 U
4,4'-DDE	17 U	Aroclor 1232	87 U
endrin	17 U	Aroclor 1242	87 U
endosulfan II	17 U	Aroclor 1248	87 U
4,4'-DDD	17 U	Aroclor 1254	170 U
		Aroclor 1260	170 U

Date Extracted: 09/28/88
Date Analyzed: 10/06/88
Dilution Factor: 5
% Moisture: 8

U - Compound was analyzed for but not detected. The number is the detection limit for the sample.

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3 10 00040

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PAGE 33 OF 35

Sample Description: J0342 (Soil) received September 24, 1988

Concentration units are mg/kg (ppm)

TARGET ANALYTE LIST - METALS

Aluminum	1,570	
Antimony	6	U
Arsenic	1.0	
Barium	19.8	B
Beryllium	0.3	B
Cadmium	1	U
Calcium	152	B
Chromium	5	
Cobalt	4	U
Copper	7	B
Iron	1,310	
Lead	16.2	
Magnesium	54	B
Manganese	187	
Mercury	0.03	
Nickel	4	U
Potassium	200	U
Selenium	0.4	U
Silver	1	U
Sodium	125	B
Thallium	0.8	B
Vanadium	4	B
Zinc	24	
Cyanide	0.54	U

% Solids: 92.2

U - Compound was analyzed for but not detected. The number is the detection limit for the sample.

B - Value greater than instrument detection limit, but less than contract required quantitation limit.

Alyce L. Moore
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DATE REPORTED: October 31, 1988
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Sample Description: J0343 (Soil) received September 24, 1988

VOLATILE ORGANIC TARGET COMPOUND LIST

Compound	Concentration (ug/kg)	Compound	Concentration (ug/kg)
chloromethane	11 U	1,2-dichloropropane	5 U
bromomethane	11 U	cis-1,3-dichloropropene	5 U
vinyl chloride	11 U	trichloroethene	5 U
chloroethane	11 U	dibromochloromethane	5 U
methylene chloride	7 B	1,1,2-trichloroethane	5 U
acetone	540 BE	benzene	5 U
carbon disulfide	1 J	trans-1,3-dichloropropene	5 U
1,1-dichloroethene	5 U	bromoform	5 U
1,1-dichloroethane	5 U	4-methyl-2-pentanone	11 U
1,2-dichloroethene (total)	5 U	2-hexanone	11 U
chloroform	5 U	tetrachloroethene	5 U
1,2-dichloroethane	5 U	1,1,2,2-tetrachloroethane	5 U
2-butanone	11 U	toluene	1 J
1,1,1-trichloroethane	5 U	chlorobenzene	5 U
carbon tetrachloride	5 U	ethylbenzene	5 U
vinyl acetate	11 U	styrene	5 U
bromodichloromethane	5 U	total xylenes	5 U

U - Compound was analyzed for but not detected. The number is the detection limit for the sample.
J - Indicates an estimated value less than the detection limit.
B - Analyte was found in the blank as well as the sample.
E - Compound exceeded CLP calibration range, but was within instrument linear range.

Date Analyzed: 10/04/88
Dilution Factor: 1
% Moisture: 8

Approved by Alyce K. Moore
Laboratory Manager

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Sample Description: J0343 (Soil) received September 24, 1988

SEMIVOLATILE HAZARDOUS SUBSTANCE LIST COMPOUNDS

Compound	Concentration (µg/kg)	Compound	Concentration (µg/kg)
phenol	710 U	bis(2-chloroethoxy)methane	710 U
bis(2-chloroethyl)ether	710 U	2,4-dichlorophenol	710 U
2-chlorophenol	710 U	1,2,4-trichlorobenzene	710 U
1,3-dichlorobenzene	710 U	naphthalene	710 U
1,4-dichlorobenzene	710 U	4-chloroaniline	710 U
benzyl alcohol	710 U	hexachlorobutadiene	710 U
1,2-dichlorobenzene	710 U	4-chloro-3-methylphenol	710 U
2-methylphenol	710 U	2-methylnaphthalene	710 U
bis(2-chloroisopropyl)ether	710 U	hexachlorocyclopentadiene	710 U
4-methylphenol	710 U	2,4,6-trichlorophenol	710 U
n-nitroso-di-n-propylamine	710 U	2,4,5-trichlorophenol	3,500 U
hexachloroethane	710 U	2-chloronaphthalene	710 U
nitrobenzene	710 U	2-nitroaniline	3,500 U
isophorone	710 U	dimethyl phthalate	710 U
2-nitrophenol	710 U	acenaphthylene	710 U
2,4-dimethylphenol	710 U	2,6-dinitrotoluene	710 U
benzoic acid	3,500 U		

Date Extracted: 09/28/88
Date Analyzed: 10/07/88
Dilution Factor: 2
% Moisture: 8

U - Compound was analyzed for but not detected. The number is the detection limit for the sample.
J - Indicates an estimated value less than the detection limit.
B - Analyte was found in the blank as well as the sample.

Alyce L. Moore
Approved by Laboratory Manager

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PAGE 21 OF 35

Sample Description: J0343 (Soil) received September 24, 1988

SEMIVOLATILE HAZARDOUS SUBSTANCE LIST COMPOUNDS (continued)

Compound	Concentration (µg/kg)	Compound	Concentration (µg/kg)
3-nitroaniline	3,500 U	anthracene	710 U
acenaphthene	710 U	di-n-butylphthalate	710 U
,4-dinitrophenol	3,500 U	fluoranthene	710 U
-nitrophenol	3,500 U	pyrene	710 U
dibenzofuran	710 U	butylbenzylphthalate	710 U
2,4-dinitrotoluene	710 U	3,3'-dichlorobenzidine	1,400 U
diethylphthalate	710 U	benzo(a)anthracene	710 U
4-chlorophenyl-phenylether	710 U	chrysene	710 U
fluorene	710 U	bis(2-ethylhexyl)phthalate	970 B
4-nitroaniline	3,500 U	di-n-octylphthalate	710 U
4,6-dinitro-2-methylphenol	3,500 U	benzo(b)fluoranthene	710 U
n-nitrosodiphenylamine[1]	710 U	benzo(k)fluoranthene	710 U
4-bromophenyl-phenylether	710 U	benzo(a)pyrene	710 U
hexachlorobenzene	710 U	indeno(1,2,3-cd)pyrene	710 U
pentachlorophenol	3,500 U	dibenzo(a,h)anthracene	710 U
phenanthrene	710 U	benzo(g,h,i)perylene	710 U

Date Extracted: 09/28/88
Date Analyzed: 10/07/88
Dilution Factor: 2
% Moisture: 8

U - Compound was analyzed for but not detected. The number is the detection limit for the sample.
J - Indicates an estimated value less than the detection limit.
B - Analyte was found in the blank as well as the sample.
- Detected as diphenylamine.

Alyce L. Moore
Approved by Laboratory Manager

Date

3 10 00844

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PROJECT CODE: ITEK 42005
ORDER NUMBER: 408619.05.02
PAGE 28 OF 35

Sample Description: J0343 (Soil) received September 24, 1988

PESTICIDE AND PCB TARGET COMPOUND LIST

Compound	Concentration (µg/kg)	Compound	Concentration (µg/kg)
α-BHC	8.7 U	endosulfan sulfate	17 U
β-BHC	8.7 U	4,4'-DDT	34
δ-BHC	8.7 U	methoxychlor	87 U
γ-BHC (lindane)	8.7 U	endrin ketone	17 U
heptachlor	8.7 U	α-chlordane	87 U
aldrin	8.7 U	γ-chlordane	87 U
heptachlor epoxide	8.7 U	toxaphene	170 U
endosulfan I	8.7 U	Aroclor 1016	87 U
dieldrin	17 U	Aroclor 1221	87 U
4,4'-DDE	17 U	Aroclor 1232	87 U
endrin	17 U	Aroclor 1242	87 U
endosulfan II	17 U	Aroclor 1248	87 U
4,4'-DDD	17 U	Aroclor 1254	170 U
		Aroclor 1260	170 U

Date Extracted: 09/28/88
Date Analyzed: 10/07/88
Dilution Factor: 1
% Moisture: 8

U - Compound was analyzed for but not detected. The number is the detection limit for the sample.

Alyce L. Moore
Approved by Laboratory Manager

Title

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3 10 00845

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TO: IT Corporation
ATTN: Dike Erikson
312 Directors Drive
Knoxville, TN 37923

DATE REPORTED: October 31, 1988
PROJECT CODE: ITEK 42005
ORDER NUMBER: 408619.05.02
PAGE 34 OF 35

Sample Description: J0343 (Soil) received September 24, 1988

Concentration units are mg/kg (ppm)

TARGET ANALYTE LIST - METALS

Aluminum	3,150	
Antimony	6	U
Arsenic	2.1	
Barium	55.9	
Beryllium	0.5	B
Cadmium	1	
Calcium	361	B
Chromium	16	
Cobalt	4	U
Copper	26	
Iron	5,320	
Lead	104	
Magnesium	144	B
Manganese	178	
Mercury	0.99	
Nickel	4	U
Potassium	200	U
Selenium	0.7	U
Silver	1	U
Sodium	252	B
Thallium	0.8	B
Vanadium	8	B
Zinc	99	
Cyanide	0.75	U

% Solids: 66.7

U - Compound was analyzed for but not detected. The number is the detection limit for the sample.

B - Value greater than instrument detection limit, but less than contract required quantitation limit.

Alyce L. Moore
Approved by Laboratory Manager

Title

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Knoxville, TN 37923

DATE REPORTED: October 31, 1988
PROJECT CODE: ITEK 42013
ORDER NUMBER: 408619.01.02
PAGE 2 OF 54

Sample Description: J0345 (Soil) received September 27, 1988

VOLATILE ORGANIC TARGET COMPOUND LIST

Compound	Concentration (µg/kg)	Compound	Concentration (µg/kg)
chloromethane	1,400 U	1,2-dichloropropane	680 U
bromomethane	1,400 U	cis-1,3-dichloropropene	680 U
vinyl chloride	1,400 U	trichloroethene	44,000 E
chloroethane	1,400 U	dibromochloromethane	680 U
methylene chloride	250 J	1,1,2-trichloroethane	680 U
acetone	290 JB	benzene	680 U
carbon disulfide	680 U	trans-1,3-dichloropropene	680 U
1,1-dichloroethene	680 U	bromoform	680 U
1,1-dichloroethane	390 J	4-methyl-2-pentanone	1,400 U
1,2-dichloroethene (total)	680 U	2-hexanone	1,400 U
chloroform	10,000	tetrachloroethene	1,700
1,2-dichloroethane	680 U	1,1,2,2-tetrachloroethane	680 U
2-butanone	1,400 U	toluene	1,400
1,1,1-trichloroethane	14,000	chlorobenzene	680 U
carbon tetrachloride	680 U	ethylbenzene	710
vinyl acetate	1,400 U	styrene	680 U
bromodichloromethane	680 U	total xylenes	680 U

U - Compound was analyzed for but not detected. The number is the detection limit for the sample.
J - Indicates an estimated value less than the detection limit.
B - Analyte was found in the blank as well as the sample.
E - Value exceeded CLP calibration range, but was within the instrument linear range.

Date Analyzed: 10/05/88
Dilution Factor: 1
Moisture: 8

Approved by Alyce K. Moore Laboratory Manager

Title

3 10 00847

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DATE REPORTED: October 31, 1988
PROJECT CODE: ITEK 42013
ORDER NUMBER: 408619.01.02
PAGE 15 OF 54

Sample Description: J0345 (Soil) received September 27, 1988

SEMIVOLATILE HAZARDOUS SUBSTANCE LIST COMPOUNDS

Compound	Concentration (µg/kg)	Compound	Concentration (µg/kg)
phenol	1,400 U	bis(2-chloroethoxy)methane	1,400 U
bis(2-chloroethyl)ether	1,400 U	2,4-dichlorophenol	1,400 U
2-chlorophenol	1,400 U	1,2,4-trichlorobenzene	1,400 U
1,3-dichlorobenzene	1,400 U	naphthalene	1,400 U
1,4-dichlorobenzene	1,400 U	4-chloroaniline	1,400 U
benzyl alcohol	1,400 U	hexachlorobutadiene	1,400 U
1,2-dichlorobenzene	1,400 U	4-chloro-3-methylphenol	1,400 U
2-methylphenol	1,400 U	2-methylnaphthalene	1,400 U
bis(2-chloroisopropyl)ether	1,400 U	hexachlorocyclopentadiene	1,400 U
4-methylphenol	1,400 U	2,4,6-trichlorophenol	1,400 U
n-nitroso-di-n-propylamine	1,400 U	2,4,5-trichlorophenol	6,900 U
hexachloroethane	1,400 U	2-chloronaphthalene	1,400 U
nitrobenzene	1,400 U	2-nitroaniline	6,900 U
isophorone	1,400 U	dimethyl phthalate	1,400 U
2-nitrophenol	1,400 U	acenaphthylene	1,400 U
2,4-dimethylphenol	1,400 U	2,6-dinitrotoluene	1,400 U
benzoic acid	6,900 U		

Date Extracted: 09/28/88
Date Analyzed: 10/17/88
Dilution Factor: 4
% Moisture: 8

U - Compound was analyzed for but not detected. The number is the detection limit for the sample.
J - Indicates an estimated value less than the detection limit.
- Analyte was found in the blank as well as the sample.

Alyce L. Moore
Approved by Laboratory Manager

Title

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DATE REPORTED: October 31, 1988
PROJECT CODE: ITEK 42013
ORDER NUMBER: 408619.01.02
PAGE 16 OF 54

Sample Description: J0345 (Soil) received September 27, 1988

SEMIVOLATILE HAZARDOUS SUBSTANCE LIST COMPOUNDS (continued)

Compound	Concentration (µg/kg)	Compound	Concentration (µg/kg)
3-nitroaniline	6,900 U	anthracene	1,400 U
acenaphthene	1,400 U	di-n-butylphthalate	1,100 J
2,4-dinitrophenol	6,900 U	fluoranthene	1,400 U
4-nitrophenol	6,900 U	pyrene	1,400 U
dibenzofuran	1,400 U	butylbenzylphthalate	1,400 U
2,4-dinitrotoluene	1,400 U	3,3'-dichlorobenzidine	2,800 U
diethylphthalate	1,400 U	benzo(a)anthracene	1,400 U
4-chlorophenyl-phenylether	1,400 U	chrysene	1,400 U
fluorene	1,400 U	bis(2-ethylhexyl)phthalate	7,600 B
4-nitroaniline	6,900 U	di-n-octylphthalate	9,300
4,6-dinitro-2-methylphenol	6,900 U	benzo(b)fluoranthene	1,400 U
n-nitrosodiphenylamine[1]	1,400 U	benzo(k)fluoranthene	1,400 U
4-bromophenyl-phenylether	1,400 U	benzo(a)pyrene	1,400 U
hexachlorobenzene	72,000 D	indeno(1,2,3-cd)pyrene	1,400 U
pentachlorophenol	6,900 U	dibenzo(a,h)anthracene	1,400 U
phenanthrene	1,400 U	benzo(g,h,i)perylene	1,400 U

Date Extracted: 09/28/88
Date Analyzed: 10/17/88
Dilution Factor: 4
% Moisture: 8

U - Compound was analyzed for but not detected. The number is the detection limit for the sample.
J - Indicates an estimated value less than the detection limit.
B - Analyte was found in the blank as well as the sample.
- Value reported from 1:20 dilution.
- Detected as diphenylamine.

Approved by Alyce K. Moore
Laboratory Manager
Title

3 10 00849

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DATE REPORTED: October 31, 1988
PROJECT CODE: ITEK 42013
ORDER NUMBER: 408619.01.02
PAGE 35 OF 54

Sample Description: J0345 (Soil) received September 27, 1988

PESTICIDE AND PCB TARGET COMPOUND LIST

Compound	Concentration (µg/kg)	Compound	Concentration (µg/kg)
α-BHC	35 U	endosulfan sulfate	130 U
β-BHC	35 U	4,4'-DDT	74 U
δ-BHC	56 U	methoxychlor	350 U
γ-BHC (lindane)	47 U	endrin ketone	70 U
heptachlor	35 U	α-chlordane	350 U
aldrin	50 U	γ-chlordane	350 U
heptachlor epoxide	43 U	toxaphene	700 U
endosulfan I	35 U	Aroclor 1016	1,400 U
dieldrin	70 U	Aroclor 1221	350 U
4,4'-DDE	85	Aroclor 1232	3,200 U
endrin	70 U	Aroclor 1242	1,900
endosulfan II	70 U	Aroclor 1248	2,100 U
4,4'-DDD	140 U	Aroclor 1254	1,200 U
		Aroclor 1260	700 U

Date Extracted: 09/28/88
Date Analyzed: 10/07/88
Dilution Factor: 20
% Moisture: 8

U - Compound was analyzed for but not detected. The number is the detection limit for the sample.

Alyce K. Moore
Approved by / Laboratory Manager

Title

3 10 00850

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TO: IT Corporation
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312 Directors Drive
Knoxville, TN 37923

DATE REPORTED: October 31, 1988
PROJECT CODE: ITEK 42013
ORDER NUMBER: 408619.01.02

Sample Description: J0345 (Soil) received September 27, 1988

Concentration units are mg/kg (ppm)

TARGET ANALYTE LIST - METALS

Aluminum	3,950	
Antimony	6	U
Arsenic	8.2	
Barium	66.8	
Beryllium	0.4	B
Cadmium	4	
Calcium	1,720	
Chromium	34	
Cobalt	9	
Copper	205	
Iron	8,410	
Lead	158	
Magnesium	625	B
Manganese	253	
Mercury	6.56	
Nickel	34	
Potassium	200	U
Selenium	0.4	U
Silver	1	U
Sodium	346	
Thallium	0.7	
Vanadium	10	
Zinc	738	
Cyanide	0.54	U

% Solids: 92.0

U - Compound was analyzed for but not detected. The number is the detection limit for the sample.

B - Value greater than instrument detection limit, but less than contract required quantitation limit.

Alyce L. Moore
Approved by Laboratory Manager

Title

3 10 00851

!!!

Lab Sample: HH5600 Blank Number: QM10B81006EB
Client Sample: J0346 Prep Date:
Product Code: MV 705 Analysis Date: 10/06/88
Project Code: ITEK42016 Nonconformances: N

!!!

Parameter	Compound	Result	Qualifier	Units	TIC
74873	Chloromethane	11.0000	U	UG/KG	N
74839	Bromomethane	11.0000	U	UG/KG	N
75014	Vinyl chloride	11.0000	U	UG/KG	N
75003	Chloroethane	11.0000	U	UG/KG	N
75092	Methylene chloride	32.0000	B	UG/KG	N
67641	Acetone	16.0000	B	UG/KG	N
75150	Carbon disulfide	5.0000	U	UG/KG	N
[illegible]554	1,1-Dichloroethene	5.0000	U	UG/KG	N
[illegible]343	1,1-Dichloroethane	5.0000	U	UG/KG	N
540590	1,2-Dichloroethylene	5.0000	U	UG/KG	N
67663	Chloroform	5.0000	U	UG/KG	N
107062	1,2-Dichloroethane	5.0000	U	UG/KG	N
78933	2-Butanone	11.0000	U	UG/KG	N
71556	1,1,1-Trichloroethane	5.0000	U	UG/KG	N
56235	Carbon Tetrachloride	5.0000	U	UG/KG	N
108054	Vinyl Acetate	11.0000	U	UG/KG	N
75274	Bromodichloroethane	5.0000	U	UG/KG	N
78875	1,2-Dichloropropane	5.0000	U	UG/KG	N
10061015	cis-1,3-Dichloropropene	5.0000	U	UG/KG	N
79016	Trichloroethene	5.0000	U	UG/KG	N
124481	Dibromochloromethane	5.0000	U	UG/KG	N
79005	1,1,2-Trichloroethane	5.0000	U	UG/KG	N
71432	Benzene	5.0000	U	UG/KG	N
10061026	trans-1,3-Dichloropropene	5.0000	U	UG/KG	N
75252	Bromoform	5.0000	U	UG/KG	N
108101	4-Methyl-2-pentanone	11.0000	U	UG/KG	N
591786	2-Hexanone	11.0000	U	UG/KG	N
127184	Tetrachloroethene	1.0000	J	UG/KG	N
79345	1,1,2,2-Tetrachloroethane	5.0000	U	UG/KG	N
108883	Toluene	5.0000	U	UG/KG	N
108907	Chlorobenzene	5.0000	U	UG/KG	N
100414	Ethylbenzene	5.0000	U	UG/KG	N
[illegible]425	Styrene	5.0000	U	UG/KG	N
[illegible]907	Total xylenes	5.0000	U	UG/KG	N
[illegible]001	% Moisture	8.0000		% MOISTURE	N

3 10 00852

Lab Sample: [illegible]
Client Sample: [illegible]46
Product Code: ME 705
Project Code: [illegible]K42016

Blank Number: GM1338092302
Prep Date: 09/28/88
Analysis Date: 10/06/88
Nonconformances: N

Parameter	Compound	Result	Qualifier	Units	TIC
108952	Phenol	360.0000	U	UG/KG	N
111444	bis(2-Chloroethyl) ether	360.0000	U	UG/KG	N
95578	2-Chlorophenol	360.0000	U	UG/KG	N
541731	1,3-Dichlorobenzene	360.0000	U	UG/KG	N
106467	1,4-Dichlorobenzene	360.0000	U	UG/KG	N
100516	Benzyl alcohol	360.0000	U	UG/KG	N
95501	1,2-Dichlorobenzene	360.0000	U	UG/KG	N
	2-Methylphenol	360.0000	U	UG/KG	N
1	bis(2-Chloroisopropyl)ether	360.0000	U	UG/KG	N
106445	4-Methylphenol	360.0000	U	UG/KG	N
621647	N-Nitroso-di-n-propylamine	360.0000	U	UG/KG	N
67721	Hexachloroethane	360.0000	U	UG/KG	N
98953	Nitrobenzene	360.0000	U	UG/KG	N
78591	Isophorone	360.0000	U	UG/KG	N
88755	2-Nitrophenol	360.0000	U	UG/KG	N
105679	2,4-Dimethylphenol	360.0000	U	UG/KG	N
65850	Benzoic acid	1700.0000	U	UG/KG	N
111911	bis(2-Chloroethoxy)methane	360.0000	U	UG/KG	N
120832	2,4-Dichlorophenol	360.0000	U	UG/KG	N
120821	1,2,4-Trichlorobenzene	360.0000	U	UG/KG	N
91203	Naphthalene	360.0000	U	UG/KG	N
106478	4-Chloroaniline	360.0000	U	UG/KG	N
87683	Hexachlorobutadiene	360.0000	U	UG/KG	N
59507	4-Chloro-3-methylphenol	360.0000	U	UG/KG	N
91576	2-Methylnaphthalene	360.0000	U	UG/KG	N
77474	Hexachlorocyclopentadiene	360.0000	U	UG/KG	N
88062	2,4,6-Trichlorophenol	360.0000	U	UG/KG	N
95954	2,4,5-Trichlorophenol	1700.0000	U	UG/KG	N
91587	2-Chloronaphthalene	360.0000	U	UG/KG	N
88744	2-Nitroaniline	1700.0000	U	UG/KG	N
131113	Dimethyl phthalate	360.0000	U	UG/KG	N
208968	Acenaphthylene	360.0000	U	UG/KG	N
	2,6-Dinitrotoluene	360.0000	U	UG/KG	N
	3-Nitroaniline	1700.0000	U	UG/KG	N
329	Acenaphthene	360.0000	U	UG/KG	N
51285	2,4-Dinitrophenol	1700.0000	U	UG/KG	N
100027	4-Nitrophenol	1700.0000	U	UG/KG	N
132649	Dibenzofuran	360.0000	U	UG/KG	N
121142	2,4-Dinitrotoluene	360.0000	U	UG/KG	N
84662	Diethyl phthalate	360.0000	U	UG/KG	N

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534521	4,6-Dinitro-2-methylphenol	1700.0000	U	UG/KG	N
86306	N-Nitrosodiphenylamine	360.0000	U	UG/KG	N
101553	4-Bromophenyl phenyl ether	360.0000	U	UG/KG	N
118741	Hexachlorobenzene	360.0000	U	UG/KG	N
87865	Pentachlorophenol	1700.0000	U	UG/KG	N
85018	Phenanthrene	360.0000	U	UG/KG	N
120127	Anthracene	360.0000	U	UG/KG	N
84742	Di-n-butyl phthalate	360.0000	U	UG/KG	N
206440	Fluoranthene	360.0000	U	UG/KG	N
129000	Pyrene	360.0000	U	UG/KG	N
85687	Butyl benzyl phthalate	360.0000	U	UG/KG	N
91941	3,3'-Dichlorobenzidine	710.0000	U	UG/KG	N
56553	Benzo(a)anthracene	360.0000	U	UG/KG	N
218019	Chrysene	360.0000	U	UG/KG	N
117817	bis(2-Ethylhexyl) phthalate	490.0000	B	UG/KG	N
117840	Di-n-octyl phthalate	360.0000	U	UG/KG	N
205992	Benzo(b)fluoranthene	360.0000	U	UG/KG	N
207089	Benzo(k)fluoranthene	360.0000	U	UG/KG	N
50328	Benzo(a)pyrene	360.0000	U	UG/KG	N
193395	Indeno(1,2,3-cd)pyrene	360.0000	U	UG/KG	N
53703	Dibenz(a,h)anthracene	360.0000	U	UG/KG	N
191242	Benzo(g,h,i)perylene	360.0000	U	UG/KG	N
	% Moisture	8.0000		% MOISTURE	N

##########

Lab Sample: HH5603 Blank Number: 0617B80928S1
Client Sample: J0346 Prep Date: 09/28/88
Product Code: GC 723 Analysis Date: 10/10/88
Project Code: ITEK42016 Nonconformances: N

##########

Parameter	Compound	Result	Qualifier	Units	TIC
319846	alpha-BHC	8.7000	U	UG/KG	N
319857	beta-BHC	8.7000	U	UG/KG	N
319868	delta-BHC	8.7000	U	UG/KG	N
58899	gamma-BHC (Lindane)	8.7000	U	UG/KG	N
76448	Heptachlor	8.7000	U	UG/KG	N
309002	Aldrin	8.7000	U	UG/KG	N
1024573	Heptachlor epoxide	8.7000	U	UG/KG	N
959988	Endosulfan-I	8.7000	U	UG/KG	N
60571	Dieldrin	17.0000	U	UG/KG	N
72559	4,4'-DDE	17.0000	U	UG/KG	N
72208	Endrin	17.0000	U	UG/KG	N
33213659	Endosulfan II	17.0000	U	UG/KG	N
72548	4,4'-DDD	17.0000	U	UG/KG	N
1031078	Endosulfan sulfate	17.0000	U	UG/KG	N
50293	4,4'-DDT	17.0000	U	UG/KG	N
72435	Methoxychlor	87.0000	U	UG/KG	N
53494705	Endrin ketone	17.0000	U	UG/KG	N
5103719	alpha-Chlordane	87.0000	U	UG/KG	N
5103742	gamma-Chlordane	87.0000	U	UG/KG	N
8001352	Toxaphene	170.0000	U	UG/KG	N
12674112	Aroclor-1016	87.0000	U	UG/KG	N
11104282	Aroclor-1221	87.0000	U	UG/KG	N
11141165	Aroclor-1232	87.0000	U	UG/KG	N
53469219	Aroclor-1242	87.0000	U	UG/KG	N
12672296	Aroclor-1248	87.0000	U	UG/KG	N
11097691	Aroclor-1254	170.0000	U	UG/KG	N
11096825	Aroclor-1260	170.0000	U	UG/KG	N
0-001	% Moisture	8.0000		% MOISTURE	N

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Lab Sample: HH5603 — Blank Number: GP15881014L1
Client Sample: 00046 — Prep Date: 10/14/88
Product Code: AP 706 — Analysis Date: 10/18/88
Project Code: ITEK42016 — Nonconformances: N

IIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIII

Parameter	Compound	Result	Qualifier	Units	TIC
7429905	Aluminum	11600.0000		MG/KG	N
7440360	Antimony	6.0000	U	MG/KG	N
7440393	Barium	141.0000		MG/KG	N
7440417	Beryllium	1.1000		MG/KG	N
7440439	Cadmium	1.0000	U	MG/KG	N
7440702	Calcium	596.0000	B	MG/KG	N
7440473	Chromium	16.2000		MG/KG	N
7440484	Cobalt	6.0000	B	MG/KG	N
[illegible]40508	Copper	6.0000		MG/KG	N
[illegible]896	Iron	7240.0000		MG/KG	N
[illegible]9954	Magnesium	723.0000	B	MG/KG	N
7439965	Manganese	236.0000		MG/KG	N
7440020	Nickel	4.0000	U	MG/KG	N
7440097	Potassium	200.0000	U	MG/KG	N
7440224	Silver	1.0000	U	MG/KG	N
7440235	Sodium	262.0000	B	MG/KG	N
7440622	Vanadium	19.0000		MG/KG	N
7440666	Zinc	10.0000		MG/KG	N
0-003	% Solids	67.9000		% SOLIDS	N

****

Lab Sample: HH5603
Client Sample: J0346
Product Code: AG 704
Project Code: ITEK42016

Blank Number: QF13B81014L1
Prep Date: 10/14/88
Analysis Date: 11/01/88
Nonconformances: N

****

Parameter	Compound	Result	Qualifier	Units	TIC
7440382	Arsenic	2.0000	UW	MG/KG	N
7439921	Lead	18.3000		MG/KG	N
7782492	Selenium	9.0000	UW	MG/KG	N
7440280	Thallium	0.6000	UW	MG/KG	N

****

Lab Sample: MM5804 Blank Number: SV843G1813K1
Client Sample: 00352 Prep Date: 12/18/88
Project Code: AV 204 Analysis Date: 12/18/88
Project Code: ITSY42016 Nonconformances: N

****

Parameter	Compound	Result	Qualifier	Units	TIC
7439976	Mercury	0.2700		MG/KG	N

****

Lab Sample: MH5602
Client Sample: 02345
Project Code: WW 037
Project Code: 1789410016

Blank Number: SW3788122371
Prep Date: 10/03/88
Analysis Date: 10/03/88
Nonconformances: N

****

Parameter	Compound	Result	Qualifier	Units	TIC
57125	Dvenase	0.7400	U	MG/KG	N

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INTERNATIONAL TECHNOLOGY CORPORATION

ANALYTICAL SERVICES

5815 Middlebrook Pike • Knoxville, Tennessee 37921 • 615-588-6401

CERTIFICATE OF ANALYSIS

TO: IT Corporation
ATTN: Dike Erikson
312 Directors Drive
Knoxville, TN 37923

DATE REPORTED: October 31, 1988
PROJECT CODE: ITEK 42013
ORDER NUMBER: 408619.01.02

Sample Description: J0347 (Soil) received September 27, 1988

VOLATILE ORGANIC TARGET COMPOUND LIST

Compound	Concentration (ug/kg)	Compound	Concentration (ug/kg)
chloromethane	11 U	1,2-dichloropropane	5 U
bromomethane	11 U	cis-1,3-dichloropropene	5 U
vinyl chloride	11 U	trichloroethene	5 U
chloroethane	11 U	dibromochloromethane	5 U
methylene chloride	7	1,1,2-trichloroethane	5 U
acetone	6 JB	benzene	5 U
carbon disulfide	5 U	trans-1,3-dichloropropene	5 U
1,1-dichloroethene	5 U	bromoform	5 U
1,1-dichloroethane	5 U	4-methyl-2-pentanone	11 U
1,2-dichloroethene (total)	5 U	2-hexanone	11 U
chloroform	5 U	tetrachloroethene	5 U
1,2-dichloroethane	5 U	1,1,2,2-tetrachloroethane	5 U
2-butanone	11 U	toluene	5 U
1,1,1-trichloroethane	5 U	chlorobenzene	5 U
carbon tetrachloride	5 U	ethylbenzene	5 U
vinyl acetate	11 U	styrene	5 U
bromodichloromethane	5 U	total xylenes	5 U

U - Compound was analyzed for but not detected. The number is the detection limit for the sample.
J - Indicates an estimated value less than the detection limit.
B - Analyte was found in the blank as well as the sample.

Date Analyzed: 10/05/88
Dilution Factor: 1
% Moisture: 8

Approved by Laboratory Manager

Title

INTERNATIONAL TECHNOLOGY CORPORATION

ANALYTICAL SERVICES

5815 Middlebrook Pike • Knoxville, Tennessee 37921 • 615-588-6401

CERTIFICATE OF ANALYSIS

TO: IT Corporation
ATTN: Dike Erikson
312 Directors Drive
Knoxville, TN 37923

DATE REPORTED: October 31, 1988
PROJECT CODE: ITEK 42013
ORDER NUMBER: 408619.01.02

Sample Description: J0347 (Soil) received September 27, 1988

SEMIVOLATILE HAZARDOUS SUBSTANCE LIST COMPOUNDS

Compound	Concentration (µg/kg)	Compound	Concentration (µg/kg)
phenol	710 U	bis(2-chloroethoxy)methane	710 U
bis(2-chloroethyl)ether	710 U	2,4-dichlorophenol	710 U
-chlorophenol	710 U	1,2,4-trichlorobenzene	710 U
,3-dichlorobenzene	710 U	naphthalene	710 U
1,4-dichlorobenzene	710 U	4-chloroaniline	710 U
benzyl alcohol	710 U	hexachlorobutadiene	710 U
1,2-dichlorobenzene	710 U	4-chloro-3-methylphenol	710 U
2-methylphenol	710 U	2-methylnaphthalene	710 U
bis(2-chloroisopropyl)ether	710 U	hexachlorocyclopentadiene	710 U
4-methylphenol	710 U	2,4,6-trichlorophenol	710 U
n-nitroso-di-n-propylamine	710 U	2,4,5-trichlorophenol	3,400 U
hexachloroethane	710 U	2-chloronaphthalene	710 U
nitrobenzene	710 U	2-nitroaniline	3,400 U
isophorone	710 U	dimethyl phthalate	710 U
2-nitrophenol	710 U	acenaphthylene	710 U
2,4-dimethylphenol	710 U	2,6-dinitrotoluene	710 U
benzoic acid	3,400 U		

Date Extracted: 09/28/88
Date Analyzed: 10/14/88
Dilution Factor: 2
% Moisture: 8

U - Compound was analyzed for but not detected. The number is the detection limit for the sample.
J - Indicates an estimated value less than the detection limit.
B - Analyte was found in the blank as well as the sample.

Alyce L. Meare
Approved by Laboratory Manager

Title

3 10 00661

INTERNATIONAL TECHNOLOGY CORPORATION

ANALYTICAL SERVICES

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TO: IT Corporation
ATTN: Dike Erikson
312 Directors Drive
Knoxville, TN 37923

DATE REPORTED: October 31, 1988
PROJECT CODE: ITEK 42013
ORDER NUMBER: 408619.01.02
PAGE 18 OF 54

Sample Description: J0347 (Soil) received September 27, 1988

SEMIVOLATILE HAZARDOUS SUBSTANCE LIST COMPOUNDS (continued)

Compound	Concentration (µg/kg)	Compound	Concentration (µg/kg)
3-nitroaniline	3,400 U	anthracene	710 U
enaphthene	710 U	di-n-butylphthalate	710 U
4-dinitrophenol	3,400 U	fluoranthene	710 U
4-nitrophenol	3,400 U	pyrene	710 U
dibenzofuran	710 U	butylbenzylphthalate	710 U
2,4-dinitrotoluene	710 U	3,3'-dichlorobenzidine	1,400 U
diethylphthalate	710 U	benzo(a)anthracene	710 U
4-chlorophenyl-phenylether	710 U	chrysene	710 U
fluorene	710 U	bis(2-ethylhexyl)phthalate	560 JB
4-nitroaniline	3,400 U	di-n-octylphthalate	710 U
4,6-dinitro-2-methylphenol	3,400 U	benzo(b)fluoranthene	710 U
n-nitrosodiphenylamine[1]	710 U	benzo(k)fluoranthene	710 U
4-bromophenyl-phenylether	710 U	benzo(a)pyrene	710 U
hexachlorobenzene	710 U	indeno(1,2,3-cd)pyrene	710 U
pentachlorophenol	3,400 U	dibenzo(a,h)anthracene	710 U
phenanthrene	710 U	benzo(g,h,i)perylene	710 U

Date Extracted: 09/28/88
Date Analyzed: 10/14/88
Dilution Factor: 2
% Moisture: 8

U - Compound was analyzed for but not detected. The number is the detection limit for the sample.
J - Indicates an estimated value less than the detection limit.
B - Analyte was found in the blank as well as the sample.
[1] Detected as diphenylamine.

Approved by Laboratory Manager

Title

3 10 00862

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ANALYTICAL SERVICES

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CERTIFICATE OF ANALYSIS

TO IT Corporation
ATTN: Dike Erikson
312 Directors Drive
Knoxville, TN 37923

DATE REPORTED: October 31, 1988
PROJECT CODE: ITEK 42013
ORDER NUMBER: 408619.01.02
PAGE 36 OF 54

Sample Description: J0347 (Soil) received September 27, 1988

PESTICIDE AND PCB TARGET COMPOUND LIST

Compound	Concentration (µg/kg)	Compound	Concentration (µg/kg)
α-BHC	8.7 U	endosulfan sulfate	17 U
β-BHC	8.7 U	4,4'-DDT	17 U
δ-BHC	8.7 U	methoxychlor	87 U
γ-BHC (lindane)	8.7 U	endrin ketone	17 U
heptachlor	8.7 U	α-chlordane	87 U
aldrin	8.7 U	γ-chlordane	87 U
heptachlor epoxide	8.7 U	toxaphene	170 U
endosulfan I	8.7 U	Aroclor 1016	87 U
dieldrin	17 U	Aroclor 1221	87 U
4,4'-DDE	17 U	Aroclor 1232	87 U
endrin	17 U	Aroclor 1242	87 U
endosulfan II	17 U	Aroclor 1248	87 U
4,4'-DDD	17 U	Aroclor 1254	170 U
		Aroclor 1260	170 U

Date Extracted: 09/28/88
Date Analyzed: 10/10/88
Dilution Factor: 5
% Moisture: 8

U - Compound was analyzed for but not detected. The number is the detection limit for the sample.

Approved by Alyce K. Moore
Laboratory Manager

Title

INTERNATIONAL TECHNOLOGY CORPORATION

ANALYTICAL SERVICES

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CERTIFICATE OF ANALYSIS

TO: IT Corporation
ATTN: Dike Erikson
312 Directors Drive
Knoxville, TN 37923

DATE REPORTED: October 31, 1988
PROJECT CODE: ITEK 42013
ORDER NUMBER: 408619.01.02
PAGE 46 OF 54

Sample Description: J0347 (Soil) received September 27, 1988

Concentration units are mg/kg (ppm)

TARGET ANALYTE LIST - METALS

Aluminum	2,890	
Antimony	6	U
Arsenic	3	U
Barium	66.7	
Beryllium	0.6	B
Cadmium	1	U
Calcium	530	B
Chromium	6	
Cobalt	4	U
Copper	18	
Iron	3,280	
Lead	14.0	
Magnesium	106	B
Manganese	288	
Mercury	1.19	
Nickel	4	U
Potassium	200	U
Selenium	0.6	U
Silver	1	U
Sodium	201	B
Thallium	0.5	U
Vanadium	7	B
Zinc	378	
Cyanide	0.62	U

% Solids: 80.8

U - Compound was analyzed for but not detected. The number is the detection limit for the sample.

B - Value greater than instrument detection limit, but less than contract required quantitation limit.

Approved by Laboratory Manager

Title

3 10 00864

0015

EPA SAMPLE NO.

J0348

VOLATILE ORGANICS ANALYSIS DATA SHEET

Name: ITAS-KNOXVILLE Contract: ~~42028~~ PA 10120198

Lab Code: IT-STU Case No.: 42028 ITEM SAS No.: _____ SDG No.: J0348

Matrix: (soil/water) SOIL Lab Sample ID: HH5676

Sample wt/vol: 5.0 (g/mL) G Lab File ID: HH5676

Level: (low/med) LOW Date Received: 09/29/88

% Moisture: not dec. 8 Date Analyzed: 10/07/88

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	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	9	
67-64-1	Acetone	120	B
75-15-0	Carbon Disulfide	5	U
75-35-4	1,1-Dichloroethene	5	U
75-35-3	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	3	J
124-48-1	Dibromochloromethane	5	U
79-00-5	1,1,2-Trichloroethane	5	U
71-43-2	Benzene	5	U
10061-02-6	Trans-1,3-Dichloropropene	5	U
75-25-2	Bromoform	5	U
108-10-1	4-Methyl-2-Pentanone	11	U
591-78-6	2-Hexanone	11	U
127-18-4	Tetrachloroethene	160	
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	Xylenes(total)	5	U

3 10 00865 1C

EPA SAMPLE NO.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

JO348 0510

Lab Name: ITAS-KNOXVILLE Contract: _____

Lab Code: IT-STU Case No.: 42028 (ITEK) SAS No.: _____ SDG No.: JO348

Matrix: (soil/water) SOIL Lab Sample ID: HH3691

Sample wt/vol: 30.4 (g/mL) G Lab File ID: 1227101

Level: (low/med) LOW Date Received: 09/27/88

% Moisture: not dec. 6 dec. _____ Date Extracted: 10/04/88

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 11/27/88

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
99-09-2	3-Nitroaniline	1700	U
83-32-9	Acenaphthene	350	U
51-28-5	2,4-Dinitrophenol	1700	U
100-02-7	4-Nitrophenol	1700	U
132-64-9	Dibenzofuran	350	U
121-14-2	2,4-Dinitrotoluene	350	U
84-66-2	Diethylphthalate	350	U
7005-72-3	4-Chlorophenyl-phenylether	350	U
86-73-7	Fluorene	350	U
100-10-6	4-Nitroaniline	1700	U
534-52-1	4,6-Dinitro-2-Methylphenol	1700	U
86-30-6	N-Nitrosodiphenylamine (1)	350	U
101-55-3	4-Bromophenyl-phenylether	350	U
118-74-1	Hexachlorobenzene	350	U
87-86-5	Pentachlorophenol	1700	U
85-01-8	Phenanthrene	350	U
120-12-7	Anthracene	350	U
84-74-2	Di-n-Butylphthalate	350	U
206-44-0	Fluoranthene	350	U
129-00-0	Pyrene	350	U
85-68-7	Butylbenzylphthalate	350	U
91-94-1	3,3'-Dichlorobenzidine	710	U
56-55-3	Benzo(a)Anthracene	350	U
218-01-9	Chrysene	350	U
117-81-7	bis(2-Ethylhexyl)Phthalate	450	B
117-84-0	Di-n-Octyl Phthalate	350	U
205-99-2	Benzo(b)Fluoranthene	350	U
207-08-9	Benzo(k)Fluoranthene	350	U
50-32-8	Benzo(a)Pyrene	350	U
193-39-5	Indeno(1,2,3-cd)Pyrene	350	U
53-70-3	Dibenz(a,h)Anthracene	350	U
191-24-2	Benzo(g,h,i)Perylene	350	U

(1) - Cannot be separated from Diphenylamine

3 10 00866

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

J0348 0515

Name: ITAS-KNOXVILLE Contract: _____

Lab Code: IT-STU Case No.: 42010 ITEK SAS No.: _____ SDG No.: J0348

Matrix: (soil water) [illegible] Lab Sample ID: [illegible]

Sample wt/vol: [illegible] (g/ml) G Lab File ID: 1027101

Level: (low/med) [illegible] Date Received: 09/29/88

% Moisture: not dec. [illegible] dec. ____ Date Extracted: 10/04/88

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 10/27/88

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
108-95-2	Phenol	350	U
111-44-4	bis(2-Chloroethyl)Ether	350	U
95-57-8	2-Chlorophenol	350	U
541-73-1	1,3-Dichlorobenzene	350	U
106-46-7	1,4-Dichlorobenzene	350	U
100-51-6	Benzyl Alcohol	350	U
95-50-1	1,2-Dichlorobenzene	350	U
95-48-7	2-Methylphenol	350	U
39638-32-9	bis(2-Chloroisopropyl)Ether	350	U
106-44-5	4-Methylphenol	350	U
621-64-7	N-Nitroso-Di-n-Propylamine	350	U
67-72-1	Hexachloroethane	350	U
98-95-3	Nitrobenzene	350	U
78-59-1	Isophorone	350	U
88-75-5	2-Nitrophenol	350	U
105-67-9	2,4-Dimethylphenol	350	U
65-85-0	Benzoic Acid	1700	U
111-91-1	bis(2-Chloroethoxy)Methane	350	U
120-83-2	2,4-Dichlorophenol	350	U
120-82-1	1,2,4-Trichlorobenzene	350	U
91-20-3	Naphthalene	350	U
106-47-8	4-Chloroaniline	350	U
87-68-3	Hexachlorobutadiene	350	U
59-50-7	4-Chloro-3-Methylphenol	350	U
91-57-6	2-Methylnaphthalene	350	U
77-47-4	Hexachlorocyclopentadiene	350	U
88-06-2	2,4,6-Trichlorophenol	350	U
95-95-4	2,4,5-Trichlorophenol	1700	U
91-58-7	2-Chloronaphthalene	350	U
88-74-4	2-Nitroaniline	1700	U
131-11-3	Dimethyl Phthalate	350	U
208-96-8	Acenaphthylene	350	U
606-20-2	2,6-Dinitrotoluene	350	U

3 10 00867

1232

1D
PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

J0348

Lab Name: ITAS-KNOXVILLE Contract: _____

Lab Code: IT-STU Case No.: ITEK 42028 SAS No.: _____ SDG No.: J0348

Matrix: (soil/water) SOIL Lab Sample ID: HH5691-5

Sample wt/vol: 30.37 (g/mL) G Lab File ID: _____

Level: (low/med) LOW Date Received: 09/29/88

% Moisture: not dec. 3 dec. _____ Date Extracted: 10/04/88

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 10/18/88

GPC Cleanup: (Y/N) N pH: 6.2 Dilution Factor: 5

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
319-84-6	alpha-BHC	8.7	U
319-85-7	beta-BHC	8.7	U
319-86-8	delta-BHC	8.7	U
58-89-9	gamma-BHC (Lindane)	8.7	U
76-44-8	Heptachlor	8.7	U
309-00-2	Aldrin	8.7	U
1024-57-3	Heptachlor epoxide	8.7	U
959-98-8	Endosulfan I	8.7	U
60-57-1	Dieldrin	17	U
72-55-9	4,4'-DDE	17	U
72-20-8	Endrin	17	U
33213-65-9	Endosulfan II	17	U
72-54-8	4,4'-DDD	17	U
1031-07-8	Endosulfan sulfate	17	U
50-29-3	4,4'-DDT	17	U
72-43-5	Methoxychlor	87	U
53494-70-5	Endrin ketone	17	U
5103-71-9	alpha-Chlordane	87	U
5103-74-2	gamma-Chlordane	87	U
8001-35-2	Toxaphene	170	U
12674-11-2	Aroclor-1016	87	U
11104-28-2	Aroclor-1221	87	U
11141-16-5	Aroclor-1232	87	U
53469-21-9	Aroclor-1242	87	U
12672-29-6	Aroclor-1248	87	U
11097-69-1	Aroclor-1254	170	U
11096-82-5	Aroclor-1260	170	U

3 10 00868

U.S. EPA - CLP

003

INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO. J0348

Lab Name: ITAS-KNOXVILLE Contract: BLUFFAMO SITE

Lab Code: ITASTN Case No.: ITEK 42028 SAS No.: _____ SDG No.: J0348

Matrix (soil/water): SOIL Lab Sample ID: HH5691

Level (low/med): _____ Date Received: 09/29/88

% Solids: 92.8

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

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	8700		*	P
7440-36-0	Antimony	6	U	N	P
7440-38-2	Arsenic	0.4	U		F
7440-39-3	Barium	109			P
7440-41-7	Beryllium	1.0			P
7440-43-9	Cadmium	1			P
7440-70-2	Calcium	328	B	*	P
7440-47-3	Chromium	8		*	P
7440-48-4	Cobalt	4	B		P
7440-50-8	Copper	7			P
7439-89-6	Iron	4950		*	P
7439-92-1	Lead	26.1			F
7439-95-4	Magnesium	230	B		P
7439-96-5	Manganese	499		*	P
7439-97-6	Mercury	0.09			V
7440-02-0	Nickel	4	U		P
7440-09-7	Potassium	407	B		P
7782-49-2	Selenium	0.6	U	WN	F
7440-22-4	Silver	1	U		P
7440-23-5	Sodium	234	B		P
7440-28-0	Thallium	0.4	U		F
7440-62-2	Vanadium	12			P
7440-66-6	Zinc	24		N *	P
	Cyanide	0.53	U		C

Color Before: BROWN Clarity Before: _____ Texture: MEDIUM

Color After: COLORLESS Clarity After: CLEAR Artifacts: _____

Comments:

3 10 00869

INTERNATIONAL TECHNOLOGY CORPORATION

ANALYTICAL SERVICES

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CERTIFICATE OF ANALYSIS

TO IT Corporation
ATTN: Dike Erikson
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Knoxville, TN 37923

DATE REPORTED: October 31, 1988
PROJECT CODE: ITEK 42013
ORDER NUMBER: 408619.01.02
PAGE 4 OF 54

Sample Description: J0349 (Soil) received September 27, 1988

VOLATILE ORGANIC TARGET COMPOUND LIST

Compound	Concentration (µg/kg)	Compound	Concentration (µg/kg)
chloromethane	12 U	1,2-dichloropropane	6 U
bromomethane	12 U	cis-1,3-dichloropropene	6 U
vinyl chloride	12 U	trichloroethene	6 U
chloroethane	12 U	dibromochloromethane	6 U
methylene chloride	7	1,1,2-trichloroethane	6 U
acetone	6 JB	benzene	6 U
carbon disulfide	6 U	trans-1,3-dichloropropene	6 U
1,1-dichloroethene	6 U	bromoform	6 U
1,1-dichloroethane	6 U	4-methyl-2-pentanone	12 U
1,2-dichloroethene (total)	6 U	2-hexanone	12 U
chloroform	6 U	tetrachloroethene	6 U
1,2-dichloroethane	6 U	1,1,2,2-tetrachloroethane	6 U
2-butanone	12 U	toluene	6 U
1,1,1-trichloroethane	6 U	chlorobenzene	6 U
carbon tetrachloride	6 U	ethylbenzene	6 U
vinyl acetate	12 U	styrene	6 U
bromodichloromethane	6 U	total xylenes	6 U

U - Compound was analyzed for but not detected. The number is the detection limit for the sample.
J - Indicates an estimated value less than the detection limit.
B - Analyte was found in the blank as well as the sample.

Date Analyzed: 10/05/88
Dilution Factor: 1
Moisture: 14

Approved by Alyce K. Moore Laboratory Manager

Title

Accredited by the American Association for Laboratory Accreditation for the chemical

INTERNATIONAL TECHNOLOGY CORPORATION

ANALYTICAL SERVICES

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CERTIFICATE OF ANALYSIS

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312 Directors Drive
Knoxville, TN 37923

DATE REPORTED: October 31, 1988
PROJECT CODE: ITEK 42013
ORDER NUMBER: 408619.01.02
PAGE 19 OF 54

Sample Description: J0349 (Soil) received September 27, 1988

SEMIVOLATILE HAZARDOUS SUBSTANCE LIST COMPOUNDS

Compound	Concentration (µg/kg)	Compound	Concentration (µg/kg)
phenol	380 U	bis(2-chloroethoxy)methane	380 U
bis(2-chloroethyl)ether	380 U	2,4-dichlorophenol	380 U
2-chlorophenol	380 U	1,2,4-trichlorobenzene	380 U
1,3-dichlorobenzene	380 U	naphthalene	380 U
1,4-dichlorobenzene	380 U	4-chloroaniline	380 U
benzyl alcohol	380 U	hexachlorobutadiene	380 U
1,2-dichlorobenzene	380 U	4-chloro-3-methylphenol	380 U
2-methylphenol	380 U	2-methylnaphthalene	380 U
bis(2-chloroisopropyl)ether	380 U	hexachlorocyclopentadiene	380 U
4-methylphenol	380 U	2,4,6-trichlorophenol	380 U
n-nitroso-di-n-propylamine	380 U	2,4,5-trichlorophenol	1,800 U
hexachloroethane	380 U	2-chloronaphthalene	380 U
nitrobenzene	380 U	2-nitroaniline	1,800 U
isophorone	380 U	dimethyl phthalate	380 U
2-nitrophenol	380 U	acenaphthylene	380 U
2,4-dimethylphenol	380 U	2,6-dinitrotoluene	380 U
benzoic acid	1,800 U		

Date Extracted: 09/28/88
Date Analyzed: 10/14/88
Dilution Factor: 1
% Moisture: 14

U - Compound was analyzed for but not detected. The number is the detection limit for the sample.
J - Indicates an estimated value less than the detection limit.
B - Analyte was found in the blank as well as the sample.

Alyce L. Moore
Approved by Laboratory Manager

Title

INTERNATIONAL TECHNOLOGY CORPORATION

ANALYTICAL SERVICES

5815 Middlebrook Pike • Knoxville, Tennessee 37921 • 615-588-6401

CERTIFICATE OF ANALYSIS

TO: IT Corporation
ATTN: Dike Erikson
312 Directors Drive
Knoxville, TN 37923

DATE REPORTED: October 31, 1988
PROJECT CODE: ITEK 42013
ORDER NUMBER: 408619.01.02

Sample Description: J0349 (Soil) received September 27, 1988

SEMIVOLATILE HAZARDOUS SUBSTANCE LIST COMPOUNDS (continued)

Compound	Concentration (µg/kg)	Compound	Concentration (µg/kg)
3-nitroaniline	1,800 U	anthracene	380 U
acenaphthene	380 U	di-n-butylphthalate	42 J
2,4-dinitrophenol	1,800 U	fluoranthene	380 U
4-nitrophenol	1,800 U	pyrene	380 U
dibenzofuran	380 U	butylbenzylphthalate	380 U
2,4-dinitrotoluene	380 U	3,3'-dichlorobenzidine	760 U
diethylphthalate	380 U	benzo(a)anthracene	380 U
4-chlorophenyl-phenylether	380 U	chrysene	380 U
fluorene	380 U	bis(2-ethylhexyl)phthalate	1,100 B
4-nitroaniline	1,800 U	di-n-octylphthalate	380 U
4,6-dinitro-2-methylphenol	1,800 U	benzo(b)fluoranthene	380 U
n-nitrosodiphenylamine[1]	380 U	benzo(k)fluoranthene	380 U
4-bromophenyl-phenylether	380 U	benzo(a)pyrene	380 U
hexachlorobenzene	380 U	indeno(1,2,3-cd)pyrene	380 U
pentachlorophenol	1,800 U	dibenzo(a,h)anthracene	380 U
phenanthrene	380 U	benzo(g,h,i)perylene	380 U

Date Extracted: 09/28/88
Date Analyzed: 10/14/88
Dilution Factor: 1
% Moisture: 14

U - Compound was analyzed for but not detected. The number is the detection limit for the sample.
J - Indicates an estimated value less than the detection limit.
B - Analyte was found in the blank as well as the sample.
1 - Detected as diphenylamine.

Approved by Laboratory Manager

Title

3 10 00872

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Knoxville, TN 37923

DATE REPORTED: October 31, 1988
PROJECT CODE: ITEK 42013
ORDER NUMBER: 408619.01.02
PAGE 37 OF 54

Sample Description: J0349 (Soil) received September 27, 1988

PESTICIDE AND PCB TARGET COMPOUND LIST

Compound	Concentration (µg/kg)	Compound	Concentration (µg/kg)
α-BHC	9.3 U	endosulfan sulfate	19 U
β-BHC	9.3 U	4,4'-DDT	19 U
δ-BHC	9.3 U	methoxychlor	93 U
γ-BHC (lindane)	9.3 U	endrin ketone	19 U
heptachlor	9.3 U	α-chlordane	93 U
aldrin	9.3 U	γ-chlordane	93 U
heptachlor epoxide	9.3 U	toxaphene	190 U
endosulfan I	9.3 U	Aroclor 1016	93 U
dieldrin	19 U	Aroclor 1221	93 U
4,4'-DDE	19 U	Aroclor 1232	93 U
endrin	19 U	Aroclor 1242	93 U
endosulfan II	19 U	Aroclor 1248	93 U
4,4'-DDD	19 U	Aroclor 1254	190 U
		Aroclor 1260	190 U

Date Extracted: 09/28/88
Date Analyzed: 10/07/88
Dilution Factor: 5
% Moisture: 14

U - Compound was analyzed for but not detected. The number is the detection limit for the sample.

Approved by Laboratory Manager

Title

3 10 00873

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DATE REPORTED: October 31, 1988
PROJECT CODE: ITEK 42013
ORDER NUMBER: 408619.01.02
PAGE 47 OF 54

Sample Description: J0349 (Soil) received September 27, 1988

Concentration units are mg/kg (ppm)

TARGET ANALYTE LIST - METALS

Aluminum	2,070	
Antimony	6	U
Arsenic	0.9	U
Barium	20.0	B
Beryllium	0.3	B
Cadmium	1	U
Calcium	92	B
Chromium	5	
Cobalt	4	U
Copper	2	U
Iron	5,930	
Lead	10.7	
Magnesium	59	B
Manganese	14.7	
Mercury	0.07	
Nickel	4	U
Potassium	200	U
Selenium	0.4	U
Silver	1	U
Sodium	116	B
Thallium	0.4	U
Vanadium	19	
Zinc	3	B
Cyanide	0.54	U

% Solids: 91.6

U - Compound was analyzed for but not detected. The number is the detection limit for the sample.

B - Value greater than instrument detection limit, but less than contract required quantitation limit.

Alyce K. Moore
Approved by Laboratory Manager
Title

3 10 00874

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DATE REPORTED: October 31, 1988
PROJECT CODE: ITEK 42013
ORDER NUMBER: 408619.01.02

Sample Description: J0350 (Soil) received September 27, 1988

VOLATILE ORGANIC TARGET COMPOUND LIST

Compound	Concentration (µg/kg)	Compound	Concentration (µg/kg)
chloromethane	11 U	1,2-dichloropropane	6 U
bromomethane	11 U	cis-1,3-dichloropropene	6 U
vinyl chloride	11 U	trichloroethene	6 U
[illegible]loroethane	11 U	dibromochloromethane	6 U
[illegible]ethylene chloride	5 J	1,1,2-trichloroethane	6 U
acetone	18 B	benzene	6 U
carbon disulfide	6 U	trans-1,3-dichloropropene	6 U
1,1-dichloroethene	6 U	bromoform	6 U
1,1-dichloroethane	6 U	4-methyl-2-pentanone	11 U
1,2-dichloroethene (total)	6 U	2-hexanone	11 U
chloroform	6 U	tetrachloroethene	6 U
1,2-dichloroethane	6 U	1,1,2,2-tetrachloroethane	6 U
2-butanone	11 U	toluene	1 J
1,1,1-trichloroethane	6 U	chlorobenzene	6 U
carbon tetrachloride	6 U	ethylbenzene	6 U
vinyl acetate	11 U	styrene	6 U
bromodichloromethane	6 U	total xylenes	6 U

U - Compound was analyzed for but not detected. The number is the detection limit for the sample.
J - Indicates an estimated value less than the detection limit.
B - Analyte was found in the blank as well as the sample.

Date Analyzed: 10/05/88
Dilution Factor: 1
[illegible]Moisture: 13

Alyce K. Moore
Approved by Laboratory Manager

Title

3 10 00875

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DATE REPORTED: October 31, 1988
PROJECT CODE: ITEK 42013
ORDER NUMBER: 408619.01.02
PAGE 21 OF 54

Sample Description: J0350 (Soil) received September 27, 1988

SEMIVOLATILE HAZARDOUS SUBSTANCE LIST COMPOUNDS

Compound	Concentration (µg/kg)	Compound	Concentration (µg/kg)
phenol	370 U	bis(2-chloroethoxy)methane	370 U
bis(2-chloroethyl)ether	370 U	2,4-dichlorophenol	370 U
2-chlorophenol	370 U	1,2,4-trichlorobenzene	370 U
1,3-dichlorobenzene	370 U	naphthalene	370 U
1,4-dichlorobenzene	370 U	4-chloroaniline	370 U
benzyl alcohol	370 U	hexachlorobutadiene	370 U
1,2-dichlorobenzene	370 U	4-chloro-3-methylphenol	370 U
2-methylphenol	370 U	2-methylnaphthalene	370 U
bis(2-chloroisopropyl)ether	370 U	hexachlorocyclopentadiene	370 U
4-methylphenol	370 U	2,4,6-trichlorophenol	370 U
n-nitroso-di-n-propylamine	370 U	2,4,5-trichlorophenol	1,800 U
hexachloroethane	370 U	2-chloronaphthalene	370 U
nitrobenzene	370 U	2-nitroaniline	1,800 U
isophorone	370 U	dimethyl phthalate	370 U
2-nitrophenol	370 U	acenaphthylene	370 U
2,4-dimethylphenol	370 U	2,6-dinitrotoluene	370 U
benzoic acid	1,800 U		

Date Extracted: 09/28/88
Date Analyzed: 10/14/88
Dilution Factor: 1
% Moisture: 13

U - Compound was analyzed for but not detected. The number is the detection limit for the sample.
J - Indicates an estimated value less than the detection limit.
B - Analyte was found in the blank as well as the sample.

Alyce L. Moore
Approved by Laboratory Manager

Title

Accredited by the American Association for Laboratory Accreditation

3 10 00876

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DATE REPORTED: October 31, 1988
PROJECT CODE: ITEK 42013
ORDER NUMBER: 408619.01.02
PAGE 22 OF 54

Sample Description: J0350 (Soil) received September 27, 1988

SEMIVOLATILE HAZARDOUS SUBSTANCE LIST COMPOUNDS (continued)

Compound	Concentration (µg/kg)	Compound	Concentration (µg/kg)
3-nitroaniline	1,800 U	anthracene	370 U
acenaphthene	370 U	di-n-butylphthalate	370 U
2,4-dinitrophenol	1,800 U	fluoranthene	370 U
4-nitrophenol	1,800 U	pyrene	370 U
dibenzofuran	370 U	butylbenzylphthalate	370 U
2,4-dinitrotoluene	370 U	3,3'-dichlorobenzidine	750 U
diethylphthalate	370 U	benzo(a)anthracene	370 U
4-chlorophenyl-phenylether	370 U	chrysene	370 U
fluorene	370 U	bis(2-ethylhexyl)phthalate	550 B
4-nitroaniline	1,800 U	di-n-octylphthalate	370 U
4,6-dinitro-2-methylphenol	1,800 U	benzo(b)fluoranthene	370 U
n-nitrosodiphenylamine[1]	370 U	benzo(k)fluoranthene	370 U
4-bromophenyl-phenylether	370 U	benzo(a)pyrene	370 U
hexachlorobenzene	370 U	indeno(1,2,3-cd)pyrene	370 U
pentachlorophenol	1,800 U	dibenzo(a,h)anthracene	370 U
phenanthrene	370 U	benzo(g,h,i)perylene	370 U

Date Extracted: 09/28/88
Date Analyzed: 10/14/88
Dilution Factor: 1
% Moisture: 13

U - Compound was analyzed for but not detected. The number is the detection limit for the sample.
J - Indicates an estimated value less than the detection limit.
B - Analyte was found in the blank as well as the sample.
[1] - Detected as diphenylamine.

Approved by Alyce K. Moore
Laboratory Manager

Title

3 10 00877

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DATE REPORTED: October 31, 1988
PROJECT CODE: ITEK 42013
ORDER NUMBER: 408619.01.02

Sample Description: J0350 (Soil) received September 27, 1988

PESTICIDE AND PCB TARGET COMPOUND LIST

Compound	Concentration (µg/kg)	Compound	Concentration (µg/kg)
α-BHC	9.2 U	endosulfan sulfate	18 U
β-BHC	9.2 U	4,4'-DDT	18 U
δ-BHC	9.2 U	methoxychlor	92 U
γ-BHC (lindane)	9.2 U	endrin ketone	18 U
heptachlor	9.2 U	α-chlordane	92 U
aldrin	9.2 U	γ-chlordane	92 U
heptachlor epoxide	9.2 U	toxaphene	180 U
endosulfan I	9.2 U	Aroclor 1016	92 U
dieldrin	18 U	Aroclor 1221	92 U
4,4'-DDE	18 U	Aroclor 1232	92 U
endrin	18 U	Aroclor 1242	92 U
endosulfan II	18 U	Aroclor 1248	92 U
4,4'-DDD	18 U	Aroclor 1254	180 U
		Aroclor 1260	180 U

Date Extracted: 09/28/88
Date Analyzed: 10/07/88
Dilution Factor: 5
% Moisture: 13

U - Compound was analyzed for but not detected. The number is the detection limit for the sample.

Alyce L. Moore
Approved by Laboratory Manager

Title

3 10 00878

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DATE REPORTED: October 31, 1988
PROJECT CODE: ITEK 42013
ORDER NUMBER: 408619.01.02
PAGE 48 OF 54

Sample Description: J0350 (Soil) received September 27, 1988

Concentration units are mg/kg (ppm)

TARGET ANALYTE LIST - METALS

Aluminum	3,560	
Antimony	6	U
Arsenic	1	U
Barium	42.2	
Beryllium	0.5	B
Cadmium	1	U
Calcium	139	B
Chromium	5	
Cobalt	4	U
Copper	5	
Iron	4,460	
Lead	11.7	
Magnesium	101	B
Manganese	77.9	
Mercury	0.04	
Nickel	4	U
Potassium	200	U
Selenium	0.6	U
Silver	1	U
Sodium	186	B
Thallium	0.5	U
Vanadium	13	
Zinc	4	
Cyanide	0.58	U

% Solids: 86.9

U - Compound was analyzed for but not detected. The number is the detection limit for the sample.

B - Value greater than instrument detection limit, but less than contract required quantitation limit.

Approved by Laboratory Manager

Title

3 10 00879

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DATE REPORTED: October 31, 1988
PROJECT CODE: ITEK 42013
ORDER NUMBER: 408619.01.02

Sample Description: J0351 (Soil) received September 27, 1988

VOLATILE ORGANIC TARGET COMPOUND LIST

Compound	Concentration (µg/kg)	Compound	Concentration (µg/kg)
chloromethane	13 U	1,2-dichloropropane	6 U
bromomethane	13 U	cis-1,3-dichloropropene	6 U
vinyl chloride	13 U	trichloroethene	6 U
chloroethane	13 U	dibromochloromethane	6 U
methylene chloride	10	1,1,2-trichloroethane	6 U
acetone	14 B	benzene	6 U
carbon disulfide	6 U	trans-1,3-dichloropropene	6 U
1,1-dichloroethene	6 U	bromoform	6 U
1,1-dichloroethane	6 U	4-methyl-2-pentanone	13 U
1,2-dichloroethene (total)	6 U	2-hexanone	13 U
chloroform	6 U	tetrachloroethene	6 U
1,2-dichloroethane	6 U	1,1,2,2-tetrachloroethane	6 U
2-butanone	13 U	toluene	6 U
1,1,1-trichloroethane	6 U	chlorobenzene	6 U
carbon tetrachloride	6 U	ethylbenzene	6 U
vinyl acetate	13 U	styrene	6 U
bromodichloromethane	6 U	total xylenes	6 U

U - Compound was analyzed for but not detected. The number is the detection limit for the sample.
J - Indicates an estimated value less than the detection limit.
B - Analyte was found in the blank as well as the sample.

Date Analyzed: 10/06/88
Dilution Factor: 1
Moisture: 21

Approved by Alyce K. Moore
Laboratory Manager

Title

3 10 00880

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Knoxville, TN 37923

DATE REPORTED: October 31, 1988
PROJECT CODE: ITEK 42013
ORDER NUMBER: 408619.01.02

Sample Description: J0351 (Soil) received September 27, 1988

SEMIVOLATILE HAZARDOUS SUBSTANCE LIST COMPOUNDS

Compound	Concentration (µg/kg)	Compound	Concentration (µg/kg)
phenol	410 U	bis(2-chloroethoxy)methane	410 U
bis(2-chloroethyl)ether	410 U	2,4-dichlorophenol	410 U
2-chlorophenol	410 U	1,2,4-trichlorobenzene	410 U
1,3-dichlorobenzene	410 U	naphthalene	410 U
1,4-dichlorobenzene	410 U	4-chloroaniline	410 U
benzyl alcohol	410 U	hexachlorobutadiene	410 U
1,2-dichlorobenzene	410 U	4-chloro-3-methylphenol	410 U
2-methylphenol	410 U	2-methylnaphthalene	410 U
bis(2-chloroisopropyl)ether	410 U	hexachlorocyclopentadiene	410 U
4-methylphenol	410 U	2,4,6-trichlorophenol	410 U
n-nitroso-di-n-propylamine	410 U	2,4,5-trichlorophenol	2,000 U
hexachloroethane	410 U	2-chloronaphthalene	410 U
nitrobenzene	410 U	2-nitroaniline	2,000 U
isophorone	410 U	dimethyl phthalate	410 U
2-nitrophenol	410 U	acenaphthylene	410 U
2,4-dimethylphenol	410 U	2,6-dinitrotoluene	410 U
benzoic acid	2,000 U		

Date Extracted: 09/28/88
Date Analyzed: 10/14/88
Dilution Factor: 1
% Moisture: 21

U - Compound was analyzed for but not detected. The number is the detection limit for the sample.
J - Indicates an estimated value less than the detection limit.
B - Analyte was found in the blank as well as the sample.

Alyce L. Moore
Approved by Laboratory Manager

Title

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DATE REPORTED: October 31, 1988
PROJECT CODE: ITEK 42013
ORDER NUMBER: 408619.01.02
PAGE 24 OF 54

Sample Description: J0351 (Soil) received September 27, 1988

SEMIVOLATILE HAZARDOUS SUBSTANCE LIST COMPOUNDS (continued)

Compound	Concentration (µg/kg)	Compound	Concentration (µg/kg)
3-nitroaniline	2,000 U	anthracene	410 U
acenaphthene	410 U	di-n-butylphthalate	45 J
2,4-dinitrophenol	2,000 U	fluoranthene	410 U
4-nitrophenol	2,000 U	pyrene	410 U
dibenzofuran	410 U	butylbenzylphthalate	410 U
2,4-dinitrotoluene	410 U	3,3'-dichlorobenzidine	820 U
diethylphthalate	410 U	benzo(a)anthracene	410 U
4-chlorophenyl-phenylether	410 U	chrysene	410 U
fluorene	410 U	bis(2-ethylhexyl)phthalate	1,800 B
4-nitroaniline	2,000 U	di-n-octylphthalate	410 U
4,6-dinitro-2-methylphenol	2,000 U	benzo(b)fluoranthene	410 U
n-nitrosodiphenylamine[1]	410 U	benzo(k)fluoranthene	410 U
4-bromophenyl-phenylether	410 U	benzo(a)pyrene	410 U
hexachlorobenzene	410 U	indeno(1,2,3-cd)pyrene	410 U
pentachlorophenol	2,000 U	dibenzo(a,h)anthracene	410 U
phenanthrene	410 U	benzo(g,h,i)perylene	410 U

Date Extracted: 09/28/88
Date Analyzed: 10/14/88
Dilution Factor: 1
% Moisture: 21

U - Compound was analyzed for but not detected. The number is the detection limit for the sample.
J - Indicates an estimated value less than the detection limit.
B - Analyte was found in the blank as well as the sample.
[1] - Detected as diphenylamine.

Approved by Alyce L. Mason Laboratory Manager

Title

3 10 00882

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DATE REPORTED: October 31, 1988
PROJECT CODE: ITEK 42013
ORDER NUMBER: 408619.01.02
PAGE 39 OF 54

Sample Description: J0351 (Soil) received September 27, 1988

PESTICIDE AND PCB TARGET COMPOUND LIST

Compound	Concentration (µg/kg)	Compound	Concentration (µg/kg)
α-BHC	10 U	endosulfan sulfate	20 U
β-BHC	10 U	4,4'-DDT	20 U
δ-BHC	10 U	methoxychlor	100 U
γ-BHC (lindane)	10 U	endrin ketone	20 U
heptachlor	10 U	α-chlordane	100 U
aldrin	10 U	γ-chlordane	100 U
heptachlor epoxide	10 U	toxaphene	200 U
endosulfan I	10 U	Aroclor 1016	100 U
dieldrin	20 U	Aroclor 1221	100 U
4,4'-DDE	20 U	Aroclor 1232	100 U
endrin	20 U	Aroclor 1242	100 U
endosulfan II	20 U	Aroclor 1248	100 U
4,4'-DDD	20 U	Aroclor 1254	200 U
		Aroclor 1260	200 U

Date Extracted: 09/28/88
Date Analyzed: 10/07/88
Dilution Factor: 5
% Moisture: 21

U - Compound was analyzed for but not detected. The number is the detection limit for the sample.

Alyce L. Moore
Approved by Laboratory Manager

Title

3 10 00863

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DATE REPORTED: October 31, 1988
PROJECT CODE: ITEK 42013
ORDER NUMBER: 408619.01.02
PAGE 49 OF 54

Sample Description: J0351 (Soil) received September 27, 1988

Concentration units are mg/kg (ppm)

TARGET ANALYTE LIST - METALS

Aluminum	8,720	
Antimony	6	U
Arsenic	1	U
Barium	74.5	
Beryllium	0.9	B
Cadmium	1	U
Calcium	493	
Chromium	17	
Cobalt	8	B
Copper	9	
Iron	39,000	
Lead	13.3	
Magnesium	371	B
Manganese	66.1	
Mercury	0.08	
Nickel	4	U
Potassium	516	B
Selenium	0.8	U
Silver	1	U
Sodium	281	B
Thallium	0.7	U
Vanadium	64	
Zinc	9	
Cyanide	0.85	U

% Solids: 59.0

U - Compound was analyzed for but not detected. The number is the detection limit for the sample.

B - Value greater than instrument detection limit, but less than contract required quantitation limit.

Alyce L. Moore
Approved by Laboratory Manager

Title

Accredited by

3 10 00884

****

Lab Sample: HH5601
Client Sample: J0352
Product Code: MV 705
Project Code: ITEK42016

Blank Number: OM10881006EB
Prep Date:
Analysis Date: 10/06/88
Nonconformances: N

****

Parameter	Compound	Result	Qualifier	Units	TIC
74873	Chloromethane	12.0000	U	UG/KG	N
74839	Bromomethane	12.0000	U	UG/KG	N
75014	Vinyl chloride	12.0000	U	UG/KG	N
75003	Chloroethane	12.0000	U	UG/KG	N
75092	Methylene chloride	21.0000	B	UG/KG	N
67641	Acetone	11.0000	B	UG/KG	N
75150	Carbon disulfide	6.0000	U	UG/KG	N
75354	1,1-Dichloroethene	6.0000	U	UG/KG	N
75343	1,1-Dichloroethane	6.0000	U	UG/KG	N
540590	1,2-Dichloroethylene	6.0000	U	UG/KG	N
67663	Chloroform	1.0000	J	UG/KG	N
7062	1,2-Dichloroethane	6.0000	U	UG/KG	N
3933	2-Butanone	12.0000	U	UG/KG	N
71556	1,1,1-Trichloroethane	6.0000	U	UG/KG	N
56235	Carbon Tetrachloride	6.0000	U	UG/KG	N
108054	Vinyl Acetate	12.0000	U	UG/KG	N
75274	Bromodichloromethane	6.0000	U	UG/KG	N
78875	1,2-Dichloropropane	6.0000	U	UG/KG	N
10061015	cis-1,3-Dichloropropene	6.0000	U	UG/KG	N
79016	Trichloroethene	6.0000	U	UG/KG	N
124481	Dibromochloromethane	6.0000	U	UG/KG	N
79005	1,1,2-Trichloroethane	6.0000	U	UG/KG	N
71432	Benzene	6.0000	U	UG/KG	N
10061026	trans-1,3-Dichloropropene	6.0000	U	UG/KG	N
75252	Bromoform	6.0000	U	UG/KG	N
108101	4-Methyl-2-pentanone	12.0000	U	UG/KG	N
591786	2-Hexanone	12.0000	U	UG/KG	N
127184	Tetrachlorethene	6.0000	U	UG/KG	N
79345	1,1,2,2-Tetrachloroethane	6.0000	U	UG/KG	N
108883	Toluene	1.0000	J	UG/KG	N
108907	Chlorobenzene	6.0000	U	UG/KG	N
100414	Ethylbenzene	6.0000	U	UG/KG	N
100425	Styrene	6.0000	U	UG/KG	N
1330207	Total xylenes	6.0000	U	UG/KG	N
0-001	% Moisture	14.0000		% MOISTURE	N

3 10 00865

[redacted]

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Lab Sample ID: [illegible]04 Blank Number: GM1388092302
Client Sample: 10302 Prep Date: 09/26/88
Product Code: ME 705 Analysis Date: 10/05/88
Project Code: ITEM42215 Nonconformances: N

::

Parameter	Compound	Result	Qualifier	Units	TIC
108952	Phenol	390.0000	U	UG/KG	N
111444	bis(2-Chloroethyl)ether	380.0000	U	UG/KG	N
95578	2-Chlorophenol	380.0000	U	UG/KG	N
541731	1,3-Dichlorobenzene	380.0000	U	UG/KG	N
106467	1,4-Dichlorobenzene	390.0000	U	UG/KG	N
100516	Benzyl alcohol	380.0000	U	UG/KG	N
95501	1,2-Dichlorobenzene	390.0000	U	UG/KG	N
[redacted]	2-Methylphenol	380.0000	U	UG/KG	N
[illegible]01	bis(2-Chloroisopropyl)ether	380.0000	U	UG/KG	N
106445	4-Methylphenol	380.0000	U	UG/KG	N
621647	N-Nitroso-di-n-propylamine	390.0000	U	UG/KG	N
67721	Hexachloroethane	380.0000	U	UG/KG	N
98953	Nitrobenzene	360.0000	U	UG/KG	N
78591	Isophorone	380.0000	U	UG/KG	N
88755	2-Nitrophenol	380.0000	U	UG/KG	N
105679	2,4-Dimethylphenol	380.0000	U	UG/KG	N
65850	Benzoic acid	1500.0000	U	UG/KG	N
111911	bis(2-Chloroethoxy)methane	380.0000	U	UG/KG	N
120832	2,4-Dichlorophenol	380.0000	U	UG/KG	N
120821	1,2,4-Trichlorobenzene	380.0000	U	UG/KG	N
91203	Naphthalene	380.0000	U	UG/KG	N
106478	4-Chloroaniline	380.0000	U	UG/KG	N
87683	Hexachlorobutadiene	380.0000	U	UG/KG	N
59507	4-Chloro-3-methylphenol	380.0000	U	UG/KG	N
91576	2-Methylnaphthalene	380.0000	U	UG/KG	N
77474	Hexachlorocyclopentadiene	380.0000	U	UG/KG	N
88062	2,4,6-Trichlorophenol	380.0000	U	UG/KG	N
95954	2,4,5-Trichlorophenol	1800.0000	U	UG/KG	N
91587	2-Chloronaphthalene	360.0000	U	UG/KG	N
88744	2-Nitroaniline	1800.0000	U	UG/KG	N
131113	Dimethyl phthalate	380.0000	U	UG/KG	N
208968	Acenaphthylene	380.0000	U	UG/KG	N
[redacted]	2,6-Dinitrotoluene	390.0000	U	UG/KG	N
[redacted]	3-Nitroaniline	1800.0000	U	UG/KG	N
329	Acenaphthene	390.0000	U	UG/KG	N
51285	2,4-Dinitrophenol	1800.0000	U	UG/KG	N
100027	4-Nitrophenol	1800.0000	U	UG/KG	N
132649	Dibenzofuran	380.0000	U	UG/KG	N
121142	2,4-Dinitrotoluene	380.0000	U	UG/KG	N
84662	Diethyl phthalate	380.0000	U	UG/KG	N

100016	4-Nitroaniline	1300.0000	U	UG/KG	N

3 10 00886

534521	4,6-Dinitro-2-methylphenol	1300.0000	U	UG/KG	N
86306	N-Nitrosodiphenylamine	330.0000	U	UG/KG	N
101553	4-Bromophenyl phenyl ether	360.0000	U	UG/KG	N
118741	Hexachlorobenzene	290.0000	U	UG/KG	N
87865	Pentachlorophenol	1300.0000	U	UG/KG	N
85018	Phenanthrene	330.0000	U	UG/KG	N
120127	Anthracene	330.0000	U	UG/KG	N
84742	Di-n-butyl phthalate	330.0000	U	UG/KG	N
206440	Fluoranthene	330.0000	U	UG/KG	N
129000	Pyrene	330.0000	U	UG/KG	N
85687	Butyl benzyl phthalate	330.0000	U	UG/KG	N
91941	3,3'-Dichlorobenzidine	760.0000	U	UG/KG	N
56553	Benzo(a)anthracene	330.0000	U	UG/KG	N
218019	Chrysene	330.0000	U	UG/KG	N
117817	bis(2-Ethylhexyl) phthalate	550.0000	J	UG/KG	N
117840	Di-n-octyl phthalate	330.0000	U	UG/KG	N
205992	Benzo(b)fluoranthene	330.0000	U	UG/KG	N
207089	Benzo(k)fluoranthene	330.0000	U	UG/KG	N
50328	Benzo(a)pyrene	330.0000	U	UG/KG	N
193395	Indeno(1,2,3-cd)pyrene	330.0000	U	UG/KG	N
53703	Dibenzo(a,h)anthracene	360.0000	U	UG/KG	N
[illegible]242	Benzo(g,h,i)perylene	330.0000	U	UG/KG	N
[illegible]1	% Moisture	14.0000		% MOISTURE	N

Lab Sample: HH5604 Blank Number: 0617880928S1
Client Sample: J0352 Prep Date: 09/28/88
Product Code: GC 723 Analysis Date: 10/10/88
Project Code: ITEK42016 Nonconformances: N

Parameter	Compound	Result	Qualifier	Units	TIC
319846	alpha-BHC	9.3000	U	UG/KG	N
319857	beta-BHC	9.3000	U	UG/KG	N
319868	delta-BHC	9.3000	U	UG/KG	N
58899	gamma-BHC (Lindane)	9.3000	U	UG/KG	N
76448	Heptachlor	9.3000	U	UG/KG	N
309002	Aldrin	9.3000	U	UG/KG	N
1024573	Heptachlor epoxide	9.3000	U	UG/KG	N
959988	Endosulfan-I	9.3000	U	UG/KG	N
60571	Dieldrin	19.0000	U	UG/KG	N
72559	4,4'-DDE	19.0000	U	UG/KG	N
72208	Endrin	19.0000	U	UG/KG	N
33213659	Endosulfan II	19.0000	U	UG/KG	N
72548	4,4'-DDD	19.0000	U	UG/KG	N
1031078	Endosulfan sulfate	19.0000	U	UG/KG	N
50293	4,4'-DDT	19.0000	U	UG/KG	N
72435	Methoxychlor	93.0000	U	UG/KG	N
53494705	Endrin ketone	19.0000	U	UG/KG	N
5103719	alpha-Chlordane	93.0000	U	UG/KG	N
5103742	gamma-Chlordane	93.0000	U	UG/KG	N
8001352	Toxaphene	190.0000	U	UG/KG	N
12674112	Aroclor-1016	93.0000	U	UG/KG	N
11104282	Aroclor-1221	93.0000	U	UG/KG	N
11141165	Aroclor-1232	93.0000	U	UG/KG	N
53469219	Aroclor-1242	93.0000	U	UG/KG	N
12672296	Aroclor-1248	93.0000	U	UG/KG	N
11097691	Aroclor-1254	190.0000	U	UG/KG	N
11096825	Aroclor-1260	190.0000	U	UG/KG	N
0-001	% Moisture	14.0000		% MOISTURE	N

3 10 00868

Lab Sample: AH5604 | Blank Number: 3P1588101411
Client Sample: 10752 | Prep Date: 10/14/88
Product Code: AP 706 | Analysis Date: 10/18/88
Project Code: ITEK42016 | Nonconformances: N

Parameter	Compound	Result	Qualifier	Units	TIC
7429905	Aluminum	5080.0000		MG/KG	N
7440360	Antimony	6.0000	U	MG/KG	N
7440393	Barium	41.2000		MG/KG	N
7440417	Beryllium	0.5000	B	MG/KG	N
7440439	Cadmium	1.0000	U	MG/KG	N
7440702	Calcium	251.0000	B	MG/KG	N
7440473	Chromium	9.0000		MG/KG	N
7440484	Cobalt	4.0000	U	MG/KG	N
7440508	Copper	10.0000		MG/KG	N
[illegible]9896	Iron	16800.0000		MG/KG	N
[illegible]9954	Magnesium	185.0000	B	MG/KG	N
7439965	Manganese	53.9000		MG/KG	N
7440020	Nickel	4.0000	U	MG/KG	N
7440097	Potassium	200.0000	U	MG/KG	N
7440224	Silver	1.0000	U	MG/KG	N
7440235	Sodium	307.0000	B	MG/KG	N
7440622	Vanadium	34.0000		MG/KG	N
7440666	Zinc	18.0000		MG/KG	N
0-003	% Solids	62.1000		% SOLIDS	N

****

Lab Sample: HH5604
Client Sample: J0352
Product Code: AG 704
Project Code: ITEK42016

Blank Number: QF13B81014L1
Prep Date: 10/14/88
Analysis Date: 11/01/88
Nonconformances: N

****

Parameter	Compound	Result	Qualifier	Units	TIC
7440382	Arsenic	1.0000	UW	MG/KG	N
7439921	Lead	11.0000		MG/KG	N
7782492	Selenium	1.0000	UW	MG/KG	N
7440280	Thallium	0.6000	U	MG/KG	N

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****

Lab Sample: HH5603
Client Sample: J2346
Product Code: AV 004
Project Code: ITEK42016

Blank Number: BV048S1018K1
Prep Date: 10/18/88
Analysis Date: 10/18/88
Nonconformances: N

****

Parameter	Compound	Result	Qualifier	Units	TIC
7439976	Mercury	0.0600		MG/KG	N

****

Lab Sample: HH5604
Client Sample: 00352
Project Code: WA 217
Project Code: 1TEK42016

Blank Number: BW3759100ST1
Prep Date: 10/03/88
Analysis Date: 10/03/88
Nonconformances: N

****

Parameter	Compound	Result	Qualifier	Units	TIC
57125	Cyanide	2.5000	U	MG/KG	N

3 10 00892

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ANALYTICAL SERVICES

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312 Directors Drive
Knoxville, TN 37923

DATE REPORTED: October 31, 1988
PROJECT CODE: ITEK 42013
ORDER NUMBER: 408619.01.02
PAGE 8 OF 54

Sample Description: J0353 (Soil) received September 27, 1988

VOLATILE ORGANIC TARGET COMPOUND LIST

Compound	Concentration (µg/kg)	Compound	Concentration (µg/kg)
chloromethane	11 U	1,2-dichloropropane	5 U
bromomethane	11 U	cis-1,3-dichloropropene	5 U
vinyl chloride	11 U	trichloroethene	5 U
chloroethane	11 U	dibromochloromethane	5 U
methylene chloride	18	1,1,2-trichloroethane	5 U
acetone	28 B	benzene	5 U
carbon disulfide	5 U	trans-1,3-dichloropropene	5 U
1,1-dichloroethene	5 U	bromoform	5 U
1,1-dichloroethane	5 U	4-methyl-2-pentanone	11 U
1,2-dichloroethene (total)	5 U	2-hexanone	11 U
chloroform	5 U	tetrachloroethene	5 U
1,2-dichloroethane	5 U	1,1,2,2-tetrachloroethane	5 U
2-butanone	11 U	toluene	5 U
1,1,1-trichloroethane	5 U	chlorobenzene	5 U
carbon tetrachloride	5 U	ethylbenzene	5 U
vinyl acetate	11 U	styrene	5 U
bromodichloromethane	5 U	total xylenes	5 U

U - Compound was analyzed for but not detected. The number is the detection limit for the sample.
J - Indicates an estimated value less than the detection limit.
B - Analyte was found in the blank as well as the sample.

Date Analyzed: 10/06/88
Dilution Factor: 1
% Moisture: 8

Approved by: Alyce L. Moore
Laboratory Manager

Title

3 10 00993

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DATE REPORTED: October 31, 1988
PROJECT CODE: ITEK 42013
ORDER NUMBER: 408619.01.02
PAGE 25 OF 54

Sample Description: J0353 (Soil) received September 27, 1988

SEMIVOLATILE HAZARDOUS SUBSTANCE LIST COMPOUNDS

Compound	Concentration (µg/kg)	Compound	Concentration (µg/kg)
phenol	360 U	bis(2-chloroethoxy)methane	360 U
bis(2-chloroethyl)ether	360 U	2,4-dichlorophenol	360 U
2-chlorophenol	360 U	1,2,4-trichlorobenzene	360 U
1,3-dichlorobenzene	360 U	naphthalene	360 U
1,4-dichlorobenzene	360 U	4-chloroaniline	360 U
benzyl alcohol	360 U	hexachlorobutadiene	360 U
1,2-dichlorobenzene	360 U	4-chloro-3-methylphenol	360 U
2-methylphenol	360 U	2-methylnaphthalene	360 U
bis(2-chloroisopropyl)ether	360 U	hexachlorocyclopentadiene	360 U
4-methylphenol	360 U	2,4,6-trichlorophenol	360 U
n-nitroso-di-n-propylamine	360 U	2,4,5-trichlorophenol	1,700 U
hexachloroethane	360 U	2-chloronaphthalene	360 U
nitrobenzene	360 U	2-nitroaniline	1,700 U
isophorone	360 U	dimethyl phthalate	360 U
2-nitrophenol	360 U	acenaphthylene	360 U
2,4-dimethylphenol	360 U	2,6-dinitrotoluene	360 U
benzoic acid	1,700 U		

Date Extracted: 09/28/88
Date Analyzed: 10/17/88
Dilution Factor: 1
% Moisture: 8

U - Compound was analyzed for but not detected. The number is the detection limit for the sample.
J - Indicates an estimated value less than the detection limit.
^ - Analyte was found in the blank as well as the sample.

Approved by Alyce K. Moore
Laboratory Manager

Title

Accredited by the American Association for Laboratory Accreditation

3 10 00894

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DATE REPORTED: October 31, 1988
PROJECT CODE: ITEK 42013
ORDER NUMBER: 408619.01.02
PAGE 26 OF 54

Sample Description: J0353 (Soil) received September 27, 1988

SEMIVOLATILE HAZARDOUS SUBSTANCE LIST COMPOUNDS (continued)

Compound	Concentration (µg/kg)	Compound	Concentration (µg/kg)
3-nitroaniline	1,700 U	anthracene	360 U
acenaphthene	360 U	di-n-butylphthalate	360 U
2,4-dinitrophenol	1,700 U	fluoranthene	360 U
4-nitrophenol	1,700 U	pyrene	360 U
dibenzofuran	360 U	butylbenzylphthalate	360 U
2,4-dinitrotoluene	360 U	3,3'-dichlorobenzidine	710 U
diethylphthalate	360 U	benzo(a)anthracene	360 U
4-chlorophenyl-phenylether	360 U	chrysene	360 U
fluorene	360 U	bis(2-ethylhexyl)phthalate	360 B
4-nitroaniline	1,700 U	di-n-octylphthalate	360 U
4,6-dinitro-2-methylphenol	1,700 U	benzo(b)fluoranthene	360 U
n-nitrosodiphenylamine[1]	360 U	benzo(k)fluoranthene	360 U
4-bromophenyl-phenylether	360 U	benzo(a)pyrene	360 U
hexachlorobenzene	360 U	indeno(1,2,3-cd)pyrene	360 U
pentachlorophenol	1,700 U	dibenzo(a,h)anthracene	360 U
phenanthrene	360 U	benzo(g,h,i)perylene	360 U

Date Extracted: 09/28/88
Date Analyzed: 10/17/88
Dilution Factor: 1
% Moisture: 8

U - Compound was analyzed for but not detected. The number is the detection limit for the sample.
J - Indicates an estimated value less than the detection limit.
B - Analyte was found in the blank as well as the sample.
[1] Detected as diphenylamine.

Alyce L. Moore
Approved by Laboratory Manager

Title

Accredited by the American Association for Laboratory Accreditation in the chemical

3 10 00895

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DATE REPORTED: October 31, 1988
PROJECT CODE: ITEK 42013
ORDER NUMBER: 408619.01.02
PAGE 40 OF 54

Sample Description: J0353 (Soil) received September 27, 1988

PESTICIDE AND PCB TARGET COMPOUND LIST

Compound	Concentration (µg/kg)	Compound	Concentration (µg/kg)
α-BHC	8.7 U	endosulfan sulfate	17 U
β-BHC	8.7 U	4,4'-DDT	17 U
δ-BHC	8.7 U	methoxychlor	87 U
γ-BHC (lindane)	8.7 U	endrin ketone	17 U
heptachlor	8.7 U	α-chlordane	87 U
aldrin	8.7 U	γ-chlordane	87 U
heptachlor epoxide	8.7 U	toxaphene	170 U
endosulfan I	8.7 U	Aroclor 1016	87 U
dieldrin	17 U	Aroclor 1221	87 U
4,4'-DDE	17 U	Aroclor 1232	87 U
endrin	17 U	Aroclor 1242	87 U
endosulfan II	17 U	Aroclor 1248	87 U
4,4'-DDD	17 U	Aroclor 1254	170 U
		Aroclor 1260	170 U

Date Extracted: 09/28/88
Date Analyzed: 10/07/88
Dilution Factor: 5
% Moisture: 8

U - Compound was analyzed for but not detected. The number is the detection limit for the sample.

Alyce K. Moore
Approved by / Laboratory Manager

Title

Accredited by U.S. Army Corps of Engineers

5 10 00696

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312 Directors Drive
Knoxville, TN 37923

DATE REPORTED: October 31, 1988
PROJECT CODE: ITEK 42013
ORDER NUMBER: 408619.01.02
PAGE 50 OF 54

Sample Description: J0353 (Soil) received September 27, 1988

Concentration units are mg/kg (ppm)

TARGET ANALYTE LIST - METALS

Aluminum	7,800	
Antimony	6	U
Arsenic	1.3	B
Barium	103	
Beryllium	0.8	B
Cadmium	1	U
Calcium	333	
Chromium	6	
Cobalt	5	B
Copper	4	B
Iron	5,650	
Lead	10.9	
Magnesium	205	B
Manganese	259	
Mercury	0.03	
Nickel	4	U
Potassium	200	U
Selenium	0.6	U
Silver	1	U
Sodium	173	B
Thallium	0.4	U
Vanadium	15	
Zinc	6	
Cyanide	0.55	U

% Solids: 91.4

U - Compound was analyzed for but not detected. The number is the detection limit for the sample.

B - Value greater than instrument detection limit, but less than contract required quantitation limit.

Alyce L. Moore
Approved by Laboratory Manager

Title

3 10 00897

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DATE REPORTED: October 31, 1988
PROJECT CODE: ITEK 42013
ORDER NUMBER: 408619.01.02
PAGE 9 OF 54

Sample Description: J0354 (Soil) received September 27, 1988

VOLATILE ORGANIC TARGET COMPOUND LIST

Compound	Concentration (µg/kg)	Compound	Concentration (µg/kg)
chloromethane	12 U	1,2-dichloropropane	6 U
bromomethane	12 U	cis-1,3-dichloropropene	6 U
vinyl chloride	12 U	trichloroethene	6 U
chloroethane	12 U	dibromochloromethane	6 U
methylene chloride	20	1,1,2-trichloroethane	6 U
acetone	14 B	benzene	6 U
carbon disulfide	6 U	trans-1,3-dichloropropene	6 U
1,1-dichloroethene	6 U	bromoform	6 U
1,1-dichloroethane	6 U	4-methyl-2-pentanone	12 U
1,2-dichloroethene (total)	6 U	2-hexanone	12 U
chloroform	6 U	tetrachloroethene	6 U
1,2-dichloroethane	6 U	1,1,2,2-tetrachloroethane	6 U
2-butanone	12 U	toluene	6 U
1,1,1-trichloroethane	6 U	chlorobenzene	6 U
carbon tetrachloride	6 U	ethylbenzene	6 U
vinyl acetate	12 U	styrene	6 U
bromodichloromethane	6 U	total xylenes	6 U

U - Compound was analyzed for but not detected. The number is the detection limit for the sample.
J - Indicates an estimated value less than the detection limit.
B - Analyte was found in the blank as well as the sample.

Date Analyzed: 10/06/88
Dilution Factor: 1
Moisture: 14

Alyce L. Moore
Approved by Laboratory Manager
Title

Accredited by the American

3 10 00898

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ATTN: Dike Erikson
312 Directors Drive
Knoxville, TN 37923

DATE REPORTED: October 31, 1988
PROJECT CODE: ITEK 42013
ORDER NUMBER: 408619.01.02
PAGE 27 OF 54

Sample Description: J0354 (Soil) received September 27, 1988

SEMIVOLATILE HAZARDOUS SUBSTANCE LIST COMPOUNDS

Compound	Concentration (µg/kg)	Compound	Concentration (µg/kg)
phenol	380 U	bis(2-chloroethoxy)methane	380 U
bis(2-chloroethyl)ether	380 U	2,4-dichlorophenol	380 U
2-chlorophenol	380 U	1,2,4-trichlorobenzene	380 U
1,3-dichlorobenzene	380 U	naphthalene	380 U
1,4-dichlorobenzene	380 U	4-chloroaniline	380 U
benzyl alcohol	380 U	hexachlorobutadiene	380 U
1,2-dichlorobenzene	380 U	4-chloro-3-methylphenol	380 U
2-methylphenol	380 U	2-methylnaphthalene	380 U
bis(2-chloroisopropyl)ether	380 U	hexachlorocyclopentadiene	380 U
4-methylphenol	380 U	2,4,6-trichlorophenol	380 U
n-nitroso-di-n-propylamine	380 U	2,4,5-trichlorophenol	1,800 U
hexachloroethane	380 U	2-chloronaphthalene	380 U
nitrobenzene	380 U	2-nitroaniline	1,800 U
isophorone	380 U	dimethyl phthalate	380 U
2-nitrophenol	380 U	acenaphthylene	380 U
2,4-dimethylphenol	380 U	2,6-dinitrotoluene	380 U
benzoic acid	1,800 U		

Date Extracted: 09/28/88
Date Analyzed: 10/17/88
Dilution Factor: 1
% Moisture: 14

U - Compound was analyzed for but not detected. The number is the detection limit for the sample.
J - Indicates an estimated value less than the detection limit.
B - Analyte was found in the blank as well as the sample.

Approved by Laboratory Manager

Title

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INTERNATIONAL TECHNOLOGY CORPORATION

ANALYTICAL SERVICES

5815 Middlebrook Pike • Knoxville, Tennessee 37921 • 615-588-6401

CERTIFICATE OF ANALYSIS

TO: IT Corporation
ATTN: Dike Erikson
312 Directors Drive
Knoxville, TN 37923

DATE REPORTED: October 31, 1988
PROJECT CODE: ITEK 42013
ORDER NUMBER: 408619.01.02
PAGE 28 OF 54

Sample Description: J0354 (Soil) received September 27, 1988

SEMIVOLATILE HAZARDOUS SUBSTANCE LIST COMPOUNDS (continued)

Compound	Concentration (µg/kg)	Compound	Concentration (µg/kg)
3-nitroaniline	1,800 U	anthracene	380 U
acenaphthene	380 U	di-n-butylphthalate	380 U
2,4-dinitrophenol	1,800 U	fluoranthene	380 U
4-nitrophenol	1,800 U	pyrene	380 U
dibenzofuran	380 U	butylbenzylphthalate	380 U
2,4-dinitrotoluene	380 U	3,3'-dichlorobenzidine	760 U
diethylphthalate	380 U	benzo(a)anthracene	380 U
4-chlorophenyl-phenylether	380 U	chrysene	380 U
fluorene	380 U	bis(2-ethylhexyl)phthalate	790 B
4-nitroaniline	1,800 U	di-n-octylphthalate	380 U
4,6-dinitro-2-methylphenol	1,800 U	benzo(b)fluoranthene	380 U
n-nitrosodiphenylamine[1]	380 U	benzo(k)fluoranthene	380 U
4-bromophenyl-phenylether	380 U	benzo(a)pyrene	380 U
hexachlorobenzene	270 J	indeno(1,2,3-cd)pyrene	380 U
pentachlorophenol	1,800 U	dibenzo(a,h)anthracene	380 U
phenanthrene	380 U	benzo(g,h,i)perylene	380 U

Date Extracted: 09/28/88
Date Analyzed: 10/17/88
Dilution Factor: 1
% Moisture: 14

U - Compound was analyzed for but not detected. The number is the detection limit for the sample.
J - Indicates an estimated value less than the detection limit.
B - Analyte was found in the blank as well as the sample.
[1] Detected as diphenylamine.

Alyce K. Moore
Approved by Laboratory Manager

Title

3 10 00900

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DATE REPORTED: October 31, 1988
PROJECT CODE: ITEK 42013
ORDER NUMBER: 408619.01.02
PAGE 41 OF 54

Sample Description: J0354 (Soil) received September 27, 1988

PESTICIDE AND PCB TARGET COMPOUND LIST

Compound	Concentration (µg/kg)	Compound	Concentration (µg/kg)
α-BHC	9.3 U	endosulfan sulfate	19 U
β-BHC	9.3 U	4,4'-DDT	19 U
δ-BHC	9.3 U	methoxychlor	93 U
γ-BHC (lindane)	9.3 U	endrin ketone	19 U
heptachlor	9.3 U	α-chlordane	93 U
aldrin	9.3 U	γ-chlordane	93 U
heptachlor epoxide	9.3 U	toxaphene	190 U
endosulfan I	9.3 U	Aroclor 1016	93 U
dieldrin	19 U	Aroclor 1221	93 U
4,4'-DDE	19 U	Aroclor 1232	93 U
endrin	19 U	Aroclor 1242	93 U
endosulfan II	19 U	Aroclor 1248	93 U
4,4'-DDD	19 U	Aroclor 1254	190 U
		Aroclor 1260	190 U

Date Extracted: 09/28/88
Date Analyzed: 10/07/88
Dilution Factor: 5
% Moisture: 14

U - Compound was analyzed for but not detected. The number is the detection limit for the sample.

Approved by Laboratory Manager

Title

3 10 00901

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DATE REPORTED: October 31, 1988
PROJECT CODE: ITEK 42013
ORDER NUMBER: 408619.01.02
PAGE 51 OF 54

Sample Description: J0354 (Soil) received September 27, 1988

Concentration units are mg/kg (ppm)

TARGET ANALYTE LIST - METALS

Aluminum	4,360	
Antimony	6	U
Arsenic	1	U
Barium	30.4	B
Beryllium	0.4	B
Cadmium	1	U
Calcium	190	B
Chromium	7	
Cobalt	4	U
Copper	3	B
Iron	9,400	
Lead	10.8	
Magnesium	144	B
Manganese	16.5	
Mercury	0.20	
Nickel	4	U
Potassium	200	U
Selenium	0.6	U
Silver	1	U
Sodium	237	B
Thallium	0.5	U
Vanadium	26	
Zinc	4	
Cyanide	0.60	U

% Solids: 82.6

U - Compound was analyzed for but not detected. The number is the detection limit for the sample.

B - Value greater than instrument detection limit, but less than contract required quantitation limit.

Alyce L. Moore
Approved by Laboratory Manager

Title

5 10 00902

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Knoxville, TN 37923

DATE REPORTED: October 31, 1988
PROJECT CODE: ITEK 42013
ORDER NUMBER: 408619.01.02

Sample Description: J0356 (Soil) received September 27, 1988

VOLATILE ORGANIC TARGET COMPOUND LIST

Compound	Concentration (µg/kg)	Compound	Concentration (µg/kg)
chloromethane	79 U	1,2-dichloropropane	40 U
bromomethane	79 U	cis-1,3-dichloropropene	40 U
vinyl chloride	24 J	trichloroethene	180
hloroethane	79 U	dibromochloromethane	40 U
,ethylene chloride	79	1,1,2-trichloroethane	40 U
acetone	430 B	benzene	40 U
carbon disulfide	40 U	trans-1,3-dichloropropene	40 U
1,1-dichloroethene	13 J	bromoform	40 U
1,1-dichloroethane	40 U	4-methyl-2-pentanone	79 U
1,2-dichloroethene (total)	48	2-hexanone	79 U
chloroform	40 U	tetrachloroethene	17,000 D
1,2-dichloroethane	120	1,1,2,2-tetrachloroethane	40 U
2-butanone	79 U	toluene	350
1,1,1-trichloroethane	48	chlorobenzene	40 U
carbon tetrachloride	40 U	ethylbenzene	22 J
vinyl acetate	79 U	styrene	40 U
bromodichloromethane	40 U	total xylenes	150

U - Compound was analyzed for but not detected. The number is the detection limit for the sample.
J - Indicates an estimated value less than the detection limit.
B - Analyte was found in the blank as well as the sample.
D - Value reported from 1:125 dilution.

Date Analyzed: 10/06/88
Dilution Factor: 1
Moisture: 37

Approved by Allyce K. Moore Laboratory Manager

Title

5 10 000903

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DATE REPORTED: October 31, 1988
PROJECT CODE: ITEK 42013
ORDER NUMBER: 408619.01.02
PAGE 29 OF 54

Sample Description: J0356 (Soil) received September 27, 1988

SEMIVOLATILE HAZARDOUS SUBSTANCE LIST COMPOUNDS

Compound	Concentration (µg/kg)	Compound	Concentration (µg/kg)
phenol	940 U	bis(2-chloroethoxy)methane	940 U
bis(2-chloroethyl)ether	940 U	2,4-dichlorophenol	940 U
`-chlorophenol	940 U	1,2,4-trichlorobenzene	940 U
.,3-dichlorobenzene	940 U	naphthalene	940 U
1,4-dichlorobenzene	680 U	4-chloroaniline	940 U
benzyl alcohol	940 U	hexachlorobutadiene	940 U
1,2-dichlorobenzene	940 U	4-chloro-3-methylphenol	940 U
2-methylphenol	940 U	2-methylnaphthalene	940 U
bis(2-chloroisopropyl)ether	940 U	hexachlorocyclopentadiene	940 U
4-methylphenol	940 U	2,4,6-trichlorophenol	940 U
n-nitroso-di-n-propylamine	940 U	2,4,5-trichlorophenol	4,600 U
hexachloroethane	940 U	2-chloronaphthalene	940 U
nitrobenzene	940 U	2-nitroaniline	4,600 U
isophorone	940 U	dimethyl phthalate	940 U
2-nitrophenol	940 U	acenaphthylene	940 U
2,4-dimethylphenol	940 U	2,6-dinitrotoluene	940 U
benzoic acid	4,600 U		

Date Extracted: 09/28/88
Date Analyzed: 10/17/88
Dilution Factor: 2
% Moisture: 31

U - Compound was analyzed for but not detected. The number is the detection limit for the sample.
J - Indicates an estimated value less than the detection limit.
B - Analyte was found in the blank as well as the sample.

Approved by Laboratory Manager

Title

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5 10 00904

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DATE REPORTED: October 31, 1988
PROJECT CODE: ITEK 42013
ORDER NUMBER: 408619.01.02
PAGE 30 OF 54

Sample Description: J0356 (Soil) received September 27, 1988

SEMIVOLATILE HAZARDOUS SUBSTANCE LIST COMPOUNDS (continued)

Compound	Concentration (µg/kg)	Compound	Concentration (µg/kg)
3-nitroaniline	4,600 U	anthracene	940 U
acenaphthene	940 U	di-n-butylphthalate	110 J
2,4-dinitrophenol	4,600 U	fluoranthene	940 U
4-nitrophenol	4,600 U	pyrene	940 U
dibenzofuran	940 U	butylbenzylphthalate	940 U
2,4-dinitrotoluene	940 U	3,3'-dichlorobenzidine	1,900 U
diethylphthalate	940 U	benzo(a)anthracene	940 U
4-chlorophenyl-phenylether	940 U	chrysene	940 U
fluorene	940 U	bis(2-ethylhexyl)phthalate	1,300 B
4-nitroaniline	4,600 U	di-n-octylphthalate	940 U
4,6-dinitro-2-methylphenol	4,600 U	benzo(b)fluoranthene	940 U
n-nitrosodiphenylamine[1]	940 U	benzo(k)fluoranthene	940 U
4-bromophenyl-phenylether	940 U	benzo(a)pyrene	940 U
hexachlorobenzene	940 U	indeno(1,2,3-cd)pyrene	940 U
pentachlorophenol	4,600 U	dibenzo(a,h)anthracene	940 U
phenanthrene	940 U	benzo(g,h,i)perylene	940 U

Date Extracted: 09/28/88
Date Analyzed: 10/17/88
Dilution Factor: 2
% Moisture: 31

U - Compound was analyzed for but not detected. The number is the detection limit for the sample.
J - Indicates an estimated value less than the detection limit.
B - Analyte was found in the blank as well as the sample.
[1] - Detected as diphenylamine.

Alyce K. Moore
Approved by / Laboratory Manager

Title

3 10 00905

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Knoxville, TN 37923

DATE REPORTED: October 31, 1988
PROJECT CODE: ITEK 42013
ORDER NUMBER: 408618.01.02
PAGE 42 OF 54

Sample Description: J0356 (Soil) received September 27, 1988

PESTICIDE AND PCB TARGET COMPOUND LIST

Compound	Concentration (µg/kg)	Compound	Concentration (µg/kg)
-BHC	12 U	endosulfan sulfate	23 U
-BHC	12 U	4,4'-DDT	86 U
δ-BHC	12 U	methoxychlor	120 U
γ-BHC (lindane)	12 U	endrin ketone	23 U
heptachlor	12 U	α-chlordane	120 U
aldrin	12 U	γ-chlordane	120 U
heptachlor epoxide	12 U	toxaphene	230 U
endosulfan I	12 U	Aroclor 1016	120 U
dieldrin	23 U	Aroclor 1221	120 U
4,4'-DDE	23 U	Aroclor 1232	120 U
endrin	23 U	Aroclor 1242	120 U
endosulfan II	23 U	Aroclor 1248	120 U
4,4'-DDD	30	Aroclor 1254	230 U
		Aroclor 1260	230 U

Date Extracted: 09/28/88
Date Analyzed: 10/10/88
Dilution Factor: 5
% Moisture: 31

U - Compound was analyzed for but not detected. The number is the detection limit for the sample.

Alyce L. Moore
Approved by Laboratory Manager

Title

3 10 000806

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312 Directors Drive
Knoxville, TN 37923

DATE REPORTED: October 31, 1988
PROJECT CODE: ITEK 42013
ORDER NUMBER: 408619.01.02

Sample Description: J0356 (Soil) received September 27, 1988

Concentration units are mg/kg (ppm)

TARGET ANALYTE LIST - METALS

Aluminum	3,820	
Antimony	6	U
Arsenic	0.7	U
Barium	33.9	B
Beryllium	0.6	B
Cadmium	2	
Calcium	29,500	
Chromium	1,610	
Cobalt	7	B
Copper	9	
Iron	5,980	
Lead	11.1	
Magnesium	184	B
Manganese	145	
Mercury	1.10	
Nickel	9	
Potassium	475	B
Selenium	0.9	U
Silver	1	U
Sodium	396	B
Thallium	0.6	U
Vanadium	17	
Zinc	44	
Cyanide	0.84	

% Solids: 62.0

" - Compound was analyzed for but not detected. The number is the detection limit for the sample.

B - Value greater than instrument detection limit, but less than contract required quantitation limit.

Approved by Alyce K. Moore
Laboratory Manager

Title

Accredited by the American Association for Laboratory Accredit...

3 19 90907

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

J0357

Lab Name: ITAS-KNOXVILLE Contract: ~~42028~~

Lab Code: IT-STU Case No.: ITEK 42028 SAS No.: Tentative SDG No.: J0348

Matrix: (soil/water) SOIL Lab Sample ID: HH5677

Sample wt/vol: 5.0 (g/mL) G Lab File ID: HH5677

Level: (low/med) LOW Date Received: 09/29/88

% Moisture: not dec. 8 Date Analyzed: 10/07/88

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	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	9	
67-64-1	Acetone	4900	BE
75-15-0	Carbon Disulfide	5	U
75-35-4	1,1-Dichloroethene	5	U
75-35-3	1,1-Dichloroethane	5	U
540-59-0	1,2-Dichloroethene (total)	5	U
67-66-3	Chloroform	5	U
107-06-2	1,2-Dichloroethane	5	U
78-93-3	2-Butanone	11	U
71-55-6	1,1,1-Trichloroethane	5	U
56-23-5	Carbon Tetrachloride	5	U
108-05-4	Vinyl Acetate	11	U
75-27-4	Bromodichloromethane	5	U
78-87-5	1,2-Dichloropropane	5	U
10061-01-5	cis-1,3-Dichloropropene	5	U
79-01-6	Trichloroethene	5	U
124-48-1	Dibromochloromethane	5	U
79-00-5	1,1,2-Trichloroethane	5	U
71-43-2	Benzene	5	U
10061-02-6	Trans-1,3-Dichloropropene	5	U
75-25-2	Bromoform	5	U
108-10-1	4-Methyl-2-Pentanone	11	U
591-78-6	2-Hexanone	11	U
127-18-4	Tetrachloroethene	5	U
79-34-5	1,1,2,2-Tetrachloroethane	5	U
108-88-3	Toluene	5	U
108-90-7	Chlorobenzene	5	U
100-41-4	Ethylbenzene	5	U
100-42-5	Styrene	5	U
1330-20-7	Xylenes(total)	5	U

3 10 88908 1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

J0357R DL

Name: ITAS-KNOXVILLE Contract: ~~42028~~

Lab Code: IT-STU Case No.: ITEK 42028 SAS No.: _____ SDG No.: J0348

Matrix: (soil/water) SOIL Lab Sample ID: HH5677

Sample wt/vol: 4.0 (g/mL) G Lab File ID: HH5677R

Level: (low/med) MED Date Received: 09/29/88

% Moisture: not dec. 8 Date Analyzed: 10/10/88

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	1400	U
74-83-9	Bromomethane	1400	U
75-01-4	Vinyl Chloride	1400	U
75-00-3	Chloroethane	1400	U
75-09-2	Methylene Chloride	260	BJ
67-64-1	Acetone	3700	B
75-15-0	Carbon Disulfide	680	U
75-35-4	1,1-Dichloroethene	680	U
75-35-3	1,1-Dichloroethane	680	U
540-59-0	1,2-Dichloroethene (total)	680	U
67-66-3	Chloroform	680	U
107-06-2	1,2-Dichloroethane	680	U
78-93-3	2-Butanone	1400	U
71-55-6	1,1,1-Trichloroethane	680	U
56-23-5	Carbon Tetrachloride	680	U
108-05-4	Vinyl Acetate	1400	U
75-27-4	Bromodichloromethane	680	U
78-87-5	1,2-Dichloropropane	680	U
10061-01-5	cis-1,3-Dichloropropene	680	U
79-01-6	Trichloroethene	680	U
124-48-1	Dibromochloromethane	680	U
79-00-5	1,1,2-Trichloroethane	680	U
71-43-2	Benzene	680	U
10061-02-6	Trans-1,3-Dichloropropene	680	U
75-25-2	Bromoform	680	U
108-10-1	4-Methyl-2-Pentanone	1400	U
591-78-6	2-Hexanone	1400	U
127-18-4	Tetrachloroethene	680	U
79-34-5	1,1,2,2-Tetrachloroethane	680	U
108-88-3	Toluene	680	U
108-90-7	Chlorobenzene	680	U
100-41-4	Ethylbenzene	680	U
100-42-5	Styrene	680	U
1330-20-7	Xylenes(total)	680	U

3 10 00909

1251

1D

PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO

J0359

Lab Name: ITAS-KNOXVILLE Contract:

Lab Code: IT-STL Case No.: ITEIC 42028 SAS No.: SDG No.: J0348

Matrix: (soil/water) SOIL Lab Sample ID: HH2096-5

Sample wt/vol: 30.25 (g/mL) G Lab File ID:

Level: (low/med) LOW Date Received: 09/29/88

% Moisture: not dec. 15 dec. 13 Date Extracted: 10/04/88

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 10/18/88

GPC Cleanup: (Y/N) N pH: 12.4 Dilution Factor: 5

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
319-84-6	alpha-BHC	33	U
319-85-7	beta-BHC	140	EJZ
319-86-8	delta-BHC	33	U
58-89-9	gamma-BHC (Lindane)	33	U
76-44-8	Heptachlor	33	U
309-00-2	Aldrin	33	U
1024-57-3	Heptachlor epoxide	33	U
959-98-8	Endosulfan I	33	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	330	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

33 10 00910

U.S. EPA - CLP

INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO. C J0359

Lab Name: ITAS-KNOXVILLE Contract: BLUFF ROAD SITE

Lab Code: ITASK Case No.: ITEK 42028 SAS No.: _____ SDG No.: J0348

Matrix (soil/water): SOIL Lab Sample ID: HH5696

Level (low/med): _____ Date Received: 09/29/88

% Solids: 37.0

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

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	3390		*	P
7440-36-0	Antimony	6	B	N	P
7440-38-2	Arsenic	1.6			F
7440-39-3	Barium	22.9	B		P
7440-41-7	Beryllium	0.3	B		P
7440-43-9	Cadmium	1	U		P
7440-70-2	Calcium	443008888		*	P
7440-47-3	Chromium	42		*	P
7440-48-4	Cobalt	4	U		P
7440-50-8	Copper	13			P
7439-89-6	Iron	1620		*	P
7439-92-1	Lead	12.8		S	F
7439-95-4	Magnesium	494	B		P
7439-96-5	Manganese	108		*	P
7439-97-6	Mercury	0.62			V
7440-02-0	Nickel	13			P
7440-09-7	Potassium	200	U		P
7782-49-2	Selenium	10	U	WN	F
7440-22-4	Silver	1	U		P
7440-23-5	Sodium	350	B		P
7440-28-0	Thallium	1	U		F
7440-62-2	Vanadium	29			P
7440-66-6	Zinc	32		N*	P
	Cyanide	13.2			C

Color Before: WHITE/GREY Clarity Before: _____ Texture: MEDIUM

Color After: COLORLESS Clarity After: CLEAR Artifacts: _____

Comments:

SLUDGE - VERY WET

5 10 00911

INTERNATIONAL TECHNOLOGY CORPORATION

ANALYTICAL SERVICES

5815 Middlebrook Pike • Knoxville, Tennessee 37921 • 615-588-6401

CERTIFICATE OF ANALYSIS

TO: IT Corporation
ATTN: Dike Erikson
312 Directors Drive
Knoxville, TN 37923

DATE REPORTED: October 31, 1988
PROJECT CODE: ITEK 42013
ORDER NUMBER: 408619.01.02
PAGE 11 OF 54

Sample Description: J0360 (Soil) received September 27, 1988

VOLATILE ORGANIC TARGET COMPOUND LIST

Compound	Concentration (µg/kg)	Compound	Concentration (µg/kg)
chloromethane	4,000 U	1,2-dichloropropane	2,000 U
bromomethane	4,000 U	cis-1,3-dichloropropene	2,000 U
vinyl chloride	4,000 U	trichloroethene	23,000
chloroethane	4,000 U	dibromochloromethane	2,000 U
methylene chloride	4,700	1,1,2-trichloroethane	2,000 U
acetone	4,500 B	benzene	590 J
carbon disulfide	2,000 U	trans-1,3-dichloropropene	2,000 U
1,1-dichloroethene	2,000 U	bromoform	2,000 U
1,1-dichloroethane	2,000 U	4-methyl-2-pentanone	4,000 U
1,2-dichloroethene (total)	2,000 U	2-hexanone	4,000 U
chloroform	2,000 U	tetrachloroethene	14,000
1,2-dichloroethane	2,000 U	1,1,2,2-tetrachloroethane	2,000 U
2-butanone	4,000 U	toluene	1,000 J
1,1,1-trichloroethane	2,000 U	chlorobenzene	2,000 U
carbon tetrachloride	2,000 U	ethylbenzene	2,000 U
vinyl acetate	4,000 U	styrene	2,000 U
bromodichloromethane	2,000 U	total xylenes	2,000 U

U - Compound was analyzed for but not detected. The number is the detection limit for the sample.
J - Indicates an estimated value less than the detection limit.
B - Analyte was found in the blank as well as the sample.

Date Analyzed: 10/06/88
Dilution Factor: 1
% Moisture: 69

Alyce L. Moore
Approved by Laboratory Manager

Title

3 10 00912

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

J0357DLMS

Lab Name: ITAS - KNOXVILLE Contract:

Lab Code: ITSTU Case No.: ITEK 42628 SAS No.: SDG No.: J0348

Matrix: (soil/water) SOIL Lab Sample ID: HH5677

Sample wt/vol: 4.0 (g/mL) G Lab File ID: HH5677 S

Level: (low/med) MED Date Received: 09/29/88

% Moisture: not dec. 8 Date Analyzed: 10/10/88

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	1400	U
74-83-9	Bromomethane	1400	U
75-01-4	Vinyl Chloride	1400	U
75-00-3	Chloroethane	1400	U
75-09-2	Methylene Chloride	240	BJ
67-64-1	Acetone	3800	B
75-15-0	Carbon Disulfide	680	U
75-35-4	1,1-Dichloroethene	7400	S
75-34-3	1,1-Dichloroethane	680	U
540-59-0	1,2-Dichloroethene (total)	680	U
67-66-3	Chloroform	680	U
107-06-2	1,2-Dichloroethane	680	U
78-93-3	2-Butanone	1400	U
71-55-6	1,1,1-Trichloroethane	680	U
56-23-5	Carbon Tetrachloride	680	U
108-05-4	Vinyl Acetate	1400	U
75-27-4	Bromodichloromethane	680	U
78-87-5	1,2-Dichloropropane	680	U
10061-01-5	cis-1,3-Dichloropropene	680	U
79-01-6	Trichloroethene	7600	S
124-48-1	Dibromochloromethane	680	U
79-00-5	1,1,2-Trichloroethane	680	U
71-43-2	Benzene	7500	S
10061-02-6	trans-1,3-Dichloropropene	680	U
75-25-2	Bromoform	680	U
108-10-1	4-Methyl-2-Pentanone	1400	U
591-78-6	2-Hexanone	1400	U
127-18-4	Tetrachloroethene	680	U
79-34-5	1,1,2,2-Tetrachloroethane	680	U
108-88-3	Toluene	7000	S
108-90-7	Chlorobenzene	7600	S
100-41-4	Ethylbenzene	680	U
100-42-5	Styrene	680	U
1330-20-7	Xylene (total)	680	U

3 10 00913

0476

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

J0357DMSD

Lab Name: ITAS - KNOXVILLE Contract:

Lab Code: ITSTU Case No.: ITEK 42628 SAS No.: SDG No.: J0348

Matrix: (soil/water) SOIL Lab Sample ID: HH5677

Sample wt/vol: 4.0 (g/mL) G Lab File ID: HH5677SD

Level: (low/med) MED Date Received: 09/29/88

% Moisture: not dec. 8 Date Analyzed: 10/10/88

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		1400	U
74-83-9	Bromomethane		1400	U
75-01-4	Vinyl Chloride		1400	U
75-00-3	Chloroethane		1400	U
75-09-2	Methylene Chloride	270		BJ
67-64-1	Acetone	2300		B
75-15-0	Carbon Disulfide		680	U
75-35-4	1,1-Dichloroethene	7200		S
75-34-3	1,1-Dichloroethane		680	U
540-59-0	1,2-Dichloroethene (total)		680	U
67-66-3	Chloroform		680	U
107-06-2	1,2-Dichloroethane		680	U
78-93-3	2-Butanone		1400	U
71-55-6	1,1,1-Trichloroethane		680	U
56-23-5	Carbon Tetrachloride		680	U
108-05-4	Vinyl Acetate		1400	U
75-27-4	Bromodichloromethane		680	U
78-87-5	1,2-Dichloropropane		680	U
10061-01-5	cis-1,3-Dichloropropene		680	U
79-01-6	Trichloroethene	7500		S
124-48-1	Dibromochloromethane		680	U
79-00-5	1,1,2-Trichloroethane		680	U
71-43-2	Benzene	7300		S
10061-02-6	trans-1,3-Dichloropropene		680	U
75-25-2	Bromoform		680	U
108-10-1	4-Methyl-2-Pentanone		1400	U
591-78-6	2-Hexanone		1400	U
127-18-4	Tetrachloroethene		680	U
79-34-5	1,1,2,2-Tetrachloroethane		680	U
108-88-3	Toluene	6800		S
108-90-7	Chlorobenzene	7400		S
100-41-4	Ethylbenzene		680	U
100-42-5	Styrene		680	U
1330-20-7	Xylene (total)		680	U

3 10 00914

18

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

J0357

0549

Name: ITAS-KNOXVILLE Contract: _____

Lab Code: IT-STU Case No.: 42028 (ITEK) SAS No.: _____ SDG No.: J0348

Matrix: (soil/water) SOIL Lab Sample ID: [illegible]

Sample wt/vol: [illegible] (g/mL) G Lab File ID: 1027111

Level: (low/med) LOW Date Received: 09/29/88

% Moisture: not dec. [illegible] dec. _____ Date Extracted: 10/04/88

Extraction: (SepF/Cont Sonc) SONC Date Analyzed: 10/27/88

GPC Cleanup: (Y/N) N pH: _____ Dilution Factor: 1.000

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
108-95-2	Phenol	360	U
111-44-4	bis(2-Chloroethyl)Ether	360	U
95-57-8	2-Chlorophenol	360	U
541-73-1	1,3-Dichlorobenzene	360	U
106-46-7	1,4-Dichlorobenzene	360	U
100-51-6	Benzyl Alcohol	360	U
95-50-1	1,2-Dichlorobenzene	360	U
95-48-7	2-Methylphenol	360	U
39638-32-9	bis(2-Chloroisopropyl)Ether	360	U
106-44-5	4-Methylphenol	360	U
621-64-7	N-Nitroso-Di-n-Propylamine	360	U
67-72-1	Hexachloroethane	360	U
98-95-3	Nitrobenzene	360	U
78-59-1	Isophorone	360	U
88-75-5	2-Nitrophenol	360	U
105-67-9	2,4-Dimethylphenol	360	U
65-85-0	Benzoic Acid	1700	U
111-91-1	bis(2-Chloroethoxy)Methane	360	U
120-83-2	2,4-Dichlorophenol	360	U
120-82-1	1,2,4-Trichlorobenzene	360	U
91-20-3	Naphthalene	360	U
106-47-8	4-Chloroaniline	360	U
87-68-3	Hexachlorobutadiene	360	U
59-50-7	4-Chloro-3-Methylphenol	360	U
91-57-6	2-Methylnaphthalene	360	U
77-47-4	Hexachlorocyclopentadiene	360	U
88-06-2	2,4,6-Trichlorophenol	360	U
95-95-4	2,4,5-Trichlorophenol	1700	U
91-58-7	2-Chloronaphthalene	360	U
88-74-4	2-Nitroaniline	1700	U
131-11-3	Dimethyl Phthalate	360	U
208-96-8	Acenaphthylene	360	U
606-20-2	2,6-Dinitrotoluene	360	U

3 10 00915

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

J0357 0550

Lab Name: ITAS-KNOXVILLE Contract: _____

Lab Code: JT-STU Case No.: 42005 ITEK SAS No.: _____ SDG No.: J0348

Matrix: (soil/water) SOIL Lab Sample ID: HB5697

Sample wt/vol: 30.1 (g/mL) G Lab File ID: 1007111

Level: (low/med) LOW Date Received: 09/29/88

% Moisture: not dec. 4 dec. _____ Date Extracted: 10/04/88

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 10/27/88

GPC Cleanup: (Y/N) N pH: _____ Dilution Factor: 1.000

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
88-74-4	2-Nitroaniline	1700	U
208-96-8	Acenaphthylene	360	U
51-28-5	2,4-Dinitrophenol	1700	U
100-02-7	4-Nitrophenol	1700	U
132-64-9	Dibenzofuran	360	U
121-14-2	2,4-Dinitrotoluene	360	U
84-66-2	Diethylphthalate	360	U
7005-72-3	4-Chlorophenyl-phenylether	360	U
86-73-7	Fluorene	360	U
100-10-6	4-Nitroaniline	1700	U
534-52-1	4,6-Dinitro-2-Methylphenol	1700	U
86-30-6	N-Nitrosodiphenylamine (1)	360	U
101-55-3	4-Bromophenyl-phenylether	360	U
118-74-1	Hexachlorobenzene	360	U
87-86-5	Pentachlorophenol	1700	U
85-01-8	Phenanthrene	360	U
120-12-7	Anthracene	360	U
84-74-2	Di-n-Butylphthalate	360	U
206-44-0	Fluoranthene	360	U
129-00-0	Pyrene	360	U
85-68-7	Butylbenzylphthalate	360	U
91-94-1	3,3'-Dichlorobenzidine	720	U
56-55-3	Benzo(a)Anthracene	360	U
218-01-9	Chrysene	360	U
117-81-7	bis(2-Ethylhexyl)Phthalate	390	B
117-84-0	Di-n-Octyl Phthalate	360	U
205-99-2	Benzo(b)Fluoranthene	360	U
207-08-9	Benzo(k)Fluoranthene	360	U
50-32-8	Benzo(a)Pyrene	360	U
193-39-5	Indeno(1,2,3-cd)Pyrene	360	U
53-70-3	Dibenz(a,h)Anthracene	360	U
191-24-2	Benzo(g,h,i)Perylene	360	U

(1) - Cannot be separated from Diphenylamine

3 10 00916

1D

PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO

J0357

Lab Name: ITAS-KNOXVILLE Contract: _____

Lab Code: IT-STL Case No.: ITEIC 42028 SAS No.: _____ SDG No.: J0348

Matrix: (soil/water) SOIL Lab Sample ID: HH5692-5

Sample wt/vol: 30.02 (g/mL) G Lab File ID: _____

Level: (low/med) LOW Date Received: 09/29/88

% Moisture: not dec. 8 dec. _____ Date Extracted: 10/04/88

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 10/18/88

GPC Cleanup: (Y/N) N pH: 6.4 Dilution Factor: 5

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

CAS NO.	COMPOUND		Q
319-84-6	alpha-BHC	2.7	U
319-85-7	beta-BHC	2.7	U
319-86-8	delta-BHC	2.7	U
58-89-9	gamma-BHC (Lindane)	2.7	U
76-44-8	Heptachlor	2.7	U
309-00-2	Aldrin	2.7	U
1024-57-3	Heptachlor epoxide	2.7	U
959-98-8	Endosulfan I	2.7	U
60-57-1	Dieldrin	17	U
72-55-9	4,4'-DDE	17	U
72-20-8	Endrin	17	U
33213-65-9	Endosulfan II	17	U
72-54-8	4,4'-DDD	17	U
1031-07-8	Endosulfan sulfate	17	U
50-29-3	4,4'-DDT	17	U
72-43-5	Methoxychlor	27	U
53494-70-5	Endrin ketone	17	U
5103-71-9	alpha-Chlordane	27	U
5103-74-2	gamma-Chlordane	27	U
8001-35-2	Toxaphene	170	U
12674-11-2	Aroclor-1016	87	U
11104-28-2	Aroclor-1221	87	U
11141-16-5	Aroclor-1232	87	U
53469-21-9	Aroclor-1242	87	U
12672-29-6	Aroclor-1248	87	U
11097-69-1	Aroclor-1254	170	U
11096-82-5	Aroclor-1260	170	U

3 10 00917

U.S. EPA - CLP

004

INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO. J0357

Lab Name: TAS-KNOXVILLE Contract: BLUFF ROAD SITE

Lab Code: TAS Case No.: ITEK42028 SAS No.: _____ SDG No.: J0948

Matrix (soil/water): SOIL Lab Sample ID: H#5692

Level (low/med): _____ Date Received: 09/29/88

% Solids: 91.8

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

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	11900		*	P
7440-36-0	Antimony	6	U	N	P
7440-38-2	Arsenic	0.7	U	W	F
7440-39-3	Barium	113			P
7440-41-7	Beryllium	0.8	B		P
7440-43-9	Cadmium	1	U		P
7440-70-2	Calcium	600	B	*	P
7440-47-3	Chromium	9		*	P
7440-48-4	Cobalt	4	B		P
7440-50-8	Copper	6			P
7439-89-6	Iron	8130		*	P
7439-92-1	Lead	139			F
7439-95-4	Magnesium	338	B		P
7439-96-5	Manganese	298		*	P
7439-97-6	Mercury	0.06			V
7440-02-0	Nickel	4	U		P
7440-09-7	Potassium	362	B		P
7782-49-2	Selenium	0.7	U	WN	F
7440-22-4	Silver	1	U		P
7440-23-5	Sodium	201	B		P
7440-28-0	Thallium	0.4	U		F
7440-62-2	Vanadium	20			P
7440-66-6	Zinc	14		N*	P
	Cyanide	0.54	U		C

Color Before: BROWN Clarity Before: _____ Texture: MEDIUM

Color After: COLORLESS Clarity After: CLEAR Artifacts: _____

Comments:

3 10 00918

1A

0075

EPA SAMPLE NO.

VOLATILE ORGANICS ANALYSIS DATA SHEET

J0358

Name: ITAS-KNOXVILLE Contract: ~~42028~~ EM 10/29/88

Lab Code: IT-STU Case No.: 42028 ITGK SAS No.: _____ SDG No.: J0348

Matrix: (soil/water) SOIL Lab Sample ID: HH5678

Sample wt/vol: 5.0 (g/mL) G Lab File ID: HH5678

Level: (low/med) LOW Date Received: 09/29/88

% Moisture: not dec. 23 Date Analyzed: 10/07/88

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	9	
67-64-1	Acetone	24	B
75-15-0	Carbon Disulfide	10	
75-35-4	1,1-Dichloroethene	6	U
75-35-3	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
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	Xylenes(total)	6	U

3 10 00919

0469

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

JO 358 MS

Lab Name: ITAS - KNOXVILLE Contract:

Lab Code: IT STV Case No.: ITER 42028 SAS No.: SDG No.: JO348

Matrix: (soil/water) SOIL Lab Sample ID: HH5679

Sample wt/vol: 5.0 (g/mL) G Lab File ID: HH5679

Level: (low/med) LOW Date Received: 09/29/88

% Moisture: not dec. 23 Date Analyzed: 10/07/88

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	14		
67-64-1	Acetone	29		B
75-15-0	Carbon Disulfide	9		
75-35-4	1,1-Dichloroethene	66		S
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	68		S
124-48-1	Dibromochloromethane		6	U
79-00-5	1,1,2-Trichloroethane		6	U
71-43-2	Benzene	66		S
10061-02-6	trans-1,3-Dichloropropene		6	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	62		S
108-90-7	Chlorobenzene	67		S
100-41-4	Ethylbenzene		6	U
100-42-5	Styrene		6	U
1330-20-7	Xylene (total)		6	U

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

JO 358 MSD

Lab Name: ITAS - KNOXVILLE Contract:

Lab Code: IT STU Case No.: ITEK 42028 SAS No.: SDG No.: JO348

Matrix: (soil/water) SOIL Lab Sample ID: HH5680

Sample wt/vol: 5.0 (g/mL) G Lab File ID: HH5680

Level: (low/med) LOW Date Received: 09/29/88

% Moisture: not dec. 23 Date Analyzed: 10/07/88

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	
67-64-1	Acetone	50	B
75-15-0	Carbon Disulfide	6	
75-35-4	1,1-Dichloroethene	67	S
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	66	S
124-48-1	Dibromochloromethane	6	U
79-00-5	1,1,2-Trichloroethane	6	U
71-43-2	Benzene	65	S
10061-02-6	trans-1,3-Dichloropropene	6	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	66	S
108-90-7	Chlorobenzene	70	S
100-41-4	Ethylbenzene	6	U
100-42-5	Styrene	6	U
1330-20-7	Xylene (total)	6	U

3 10 00921 1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

J0358 0584

Name: ITAS-KNOXVILLE Contract: _____

Lab Code: IT-STU Case No.: 42028 ITEK SAS No.: _____ SDG No.: J0342

Matrix: (soil/water) SOIL Lab Sample ID: [illegible]

Sample wt/vol: [illegible] (g/mL) G Lab File ID: 1027121

Level: (low/med) LOW Date Received: 09/29/88

% Moisture: not dec. 23 dec. ____ Date Extracted: 10/04/88

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 10/27/88

GPC Cleanup: (Y/N) N pH: _____ Dilution Factor: 1.000

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
108-95-2	Phenol	420	U
111-44-4	bis(2-Chloroethyl)Ether	420	U
95-57-8	2-Chlorophenol	420	U
541-73-1	1,3-Dichlorobenzene	420	U
106-46-7	1,4-Dichlorobenzene	420	U
100-51-6	Benzyl Alcohol	420	U
95-50-1	1,2-Dichlorobenzene	420	U
95-48-7	2-Methylphenol	420	U
39638-32-9	bis(2-Chloroisopropyl)Ether	420	U
106-44-5	4-Methylphenol	420	U
621-64-7	N-Nitroso-Di-n-Propylamine	420	U
67-72-1	Hexachloroethane	420	U
98-95-3	Nitrobenzene	420	U
78-59-1	Isophorone	420	U
88-75-5	2-Nitrophenol	420	U
105-67-9	2,4-Dimethylphenol	420	U
65-85-0	Benzoic Acid	2000	U
111-91-1	bis(2-Chloroethoxy)Methane	420	U
120-83-2	2,4-Dichlorophenol	420	U
120-82-1	1,2,4-Trichlorobenzene	420	U
91-20-3	Naphthalene	420	U
106-47-8	4-Chloroaniline	420	U
87-68-3	Hexachlorobutadiene	420	U
59-50-7	4-Chloro-3-Methylphenol	420	U
91-57-6	2-Methylnaphthalene	420	U
77-47-4	Hexachlorocyclopentadiene	420	U
88-06-2	2,4,6-Trichlorophenol	420	U
95-95-4	2,4,5-Trichlorophenol	2000	U
91-58-7	2-Chloronaphthalene	420	U
88-74-4	2-Nitroaniline	2000	U
131-11-3	Dimethyl Phthalate	420	U
208-96-8	Acenaphthylene	420	U
606-20-2	2,6-Dinitrotoluene	420	U

3 10 00922 1C

EPA SAMPLE NO.

0585

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

J0358

Lab Name: ITAS-KNOXVILLE Contract:

Lab Code: IT-STU Case No.: 42028 ITSK SAS No.: SDG No.: J0348

Matrix: (soil/water) SOIL Lab Sample ID: J0358

Sample wt/vol: 30.0 (g/mL) G Lab File ID: 1027121

Level: (low/med) LOW Date Received: 06/27/88

% Moisture: not dec. 7 dec. Date Extracted: 07/04/88

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 07/07/88

GPC Cleanup: (Y/N) N pH: Dilution Factor: 1.000

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
88-74-4	2-Nitroaniline	2000	U
83-32-9	Acenaphthene	420	U
51-28-5	2,4-Dinitrophenol	2000	U
100-02-7	4-Nitrophenol	2000	U
132-64-9	Dibenzofuran	420	U
121-14-2	2,4-Dinitrotoluene	420	U
84-66-2	Diethylphthalate	420	U
7005-72-3	4-Chlorophenyl-phenylether	420	U
86-73-7	Fluorene	420	U
100-10-6	4-Nitroaniline	2000	U
534-52-1	4,6-Dinitro-2-Methylphenol	2000	U
86-30-6	N-Nitrosodiphenylamine (1)	420	U
101-55-3	4-Bromophenyl-phenylether	420	U
118-74-1	Hexachlorobenzene	420	U
87-86-5	Pentachlorophenol	2000	U
85-01-8	Phenanthrene	420	U
120-12-7	Anthracene	420	U
84-74-2	Di-n-Butylphthalate	420	U
206-44-0	Fluoranthene	420	U
129-00-0	Pyrene	420	U
85-68-7	Butylbenzylphthalate	420	U
91-94-1	3,3'-Dichlorobenzidine	840	U
56-55-3	Benzo(a)Anthracene	420	U
218-01-9	Chrysene	420	U
117-81-7	bis(2-Ethylhexyl)Phthalate	900	B
117-84-0	Di-n-Octyl Phthalate	420	U
205-99-2	Benzo(b)Fluoranthene	420	U
207-08-9	Benzo(k)Fluoranthene	420	U
50-32-8	Benzo(a)Pyrene	420	U
193-39-5	Indeno(1,2,3-cd)Pyrene	420	U
53-70-3	Dibenz(a,h)Anthracene	420	U
191-24-2	Benzo(g,h,i)Perylene	420	U

(1) - Cannot be separated from Diphenylamine

3 10 00923

13

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

J0358MS

Name: ITAS-KNOXVILLE Contract: _____

Lab Code: IT-STU Case No.: 42028 (ITEK) SAS No.: _____ SDG No.: J0348 1178

Matrix: (soil/water) [illegible] Lab Sample ID: [illegible]

Sample wt/vol: [illegible] (g/mL) G Lab File ID: [illegible]

Level: (low/med) [illegible] Date Received: 09/29/88

% Moisture: not dec [illegible] dec. ____ Date Extracted: 10/04/88

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 10/29/88

GPC Cleanup: (Y/N) [illegible] pH: ____ Dilution Factor: 1.00

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
108-95-2	Phenol	5200	S
111-44-4	bis(2-Chloroethyl)Ether	420	U
95-57-8	2-Chlorophenol	5000	S
541-73-1	1,3-Dichlorobenzene	420	U
106-46-7	1,4-Dichlorobenzene	2000	S
100-51-6	Benzyl Alcohol	420	U
95-50-1	1,2-Dichlorobenzene	420	U
95-48-7	2-Methylphenol	420	U
39638-32-9	bis(2-Chloroisopropyl)Ether	420	U
106-44-5	4-Methylphenol	420	U
621-64-7	N-Nitroso-Di-n-Propylamine	2300	S
67-72-1	Hexachloroethane	420	U
98-95-3	Nitrobenzene	420	U
78-59-1	Isophorone	420	U
88-75-5	2-Nitrophenol	420	U
105-67-9	2,4-Dimethylphenol	420	U
65-85-0	Benzoic Acid	2100	U
111-91-1	bis(2-Chloroethoxy)Methane	420	U
120-83-2	2,4-Dichlorophenol	420	U
120-82-1	1,2,4-Trichlorobenzene	2100	S
91-20-3	Naphthalene	420	U
106-47-8	4-Chloroaniline	420	U
87-68-3	Hexachlorobutadiene	420	U
59-50-7	4-Chloro-3-Methylphenol	5600	S
91-57-6	2-Methylnaphthalene	420	U
77-47-4	Hexachlorocyclopentadiene	420	U
88-06-2	2,4,6-Trichlorophenol	420	U
95-95-4	2,4,5-Trichlorophenol	2100	U
91-58-7	2-Chloronaphthalene	420	U
88-74-4	2-Nitroaniline	2100	U
131-11-3	Dimethyl Phthalate	420	U
208-96-8	Acenaphthylene	420	U
606-20-2	2,6-Dinitrotoluene	420	U

FORM I SV-1 1/87 Rev.

S = spiked compd

3 10 00924

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

J0358MS

11

Name: ITAS-KNOXVILLE Contract: _____

Lab Code: IT-STL Case No.: ITEK SAS No.: _____ SDG No.: [illegible]

Matrix: (soil/water) _____ Lab Sample ID: [illegible]

Sample wt/vol: [illegible] (g/mL) G Lab File ID: [illegible]

Level: (low/med) [illegible] Date Received: [illegible]

% Moisture: not dec. [illegible] dec. _____ Date Extracted: [illegible]

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: [illegible]

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) UG/KG	Q
[illegible]-2	[illegible]-Nitroaniline	[illegible]	U
[illegible]-32-9	Acenaphthene	2500	S
51-28-5	2,4-Dinitrophenol	2100	U
100-02-7	4-Nitrophenol	5700	S
132-64-9	Dibenzofuran	420	U
121-14-2	2,4-Dinitrotoluene	1600	S
84-66-2	Diethylphthalate	420	U
7005-72-3	4-Chlorophenyl-phenylether	420	U
86-73-7	Fluorene	420	U
100-10-6	4-Nitroaniline	2100	U
534-52-1	4,6-Dinitro-2-Methylphenol	2100	U
86-30-6	N-Nitrosodiphenylamine (1)	420	U
101-55-3	4-Bromophenyl-phenylether	420	U
118-74-1	Hexachlorobenzene	420	U
87-86-5	Pentachlorophenol	5600	S
85-01-8	Phenanthrene	420	U
120-12-7	Anthracene	420	U
84-74-2	Di-n-Butylphthalate	420	U
206-44-0	Fluoranthene	420	U
129-00-0	Pyrene	3200	S
85-68-7	Butylbenzylphthalate	420	U
91-94-1	3,3'-Dichlorobenzidine	850	U
56-55-3	Benzo(a)Anthracene	420	U
218-01-9	Chrysene	420	U
117-81-7	bis(2-Ethylhexyl)Phthalate	640	B
117-84-0	Di-n-Octyl Phthalate	420	U
[illegible]-99-2	Benzo(b)Fluoranthene	420	U
[illegible]-08-9	Benzo(k)Fluoranthene	420	U
[illegible]-32-8	Benzo(a)Pyrene	420	U
[illegible]-39-5	Indeno(1,2,3-cd)Pyrene	420	U
[illegible]-70-3	Dibenz(a,h)Anthracene	420	U
[illegible]-24-2	Benzo(g,h,i)Perylene	420	U

(1) - Cannot be separated from Diphenylamine

S = spiked compd

FORM I SV-2 1/87 Rev.

C.M.
11/2/87

3 10 000925

1B

EPA SAMPLE 1200

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

J0348MSD

Lab Name: ITAS-KNOXVILLE Contract: _____

Lab Code: IT-STU Case No.: 42028 SAS No.: _____ SDG No.: J0348

Matrix: (soil/water) SOIL Lab Sample ID: HH5695

Sample wt/vol: 30.2 (g/mL) G Lab File ID: HH5695R2

Level: (low/med) LOW Date Received: 09/29/88

% Moisture: not dec. 23 dec. ____ Date Extracted: 10/04/88

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 11/02/88

GPC Cleanup: (Y/N) N pH: _____ Dilution Factor: 1.000

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
108-95-2	Phenol	4300	S
62-53-3	Aniline	430	U
111-44-4	bis(2-Chloroethyl)Ether	430	U
95-57-8	2-Chlorophenol	4200	S
541-73-1	1,3-Dichlorobenzene	430	U
106-46-7	1,4-Dichlorobenzene	1800	S
100-51-6	Benzyl Alcohol	430	U
95-50-1	1,2-Dichlorobenzene	430	U
95-48-7	2-Methylphenol	430	U
108-60-1	bis(2-Chloroisopropyl)Ether	430	U
106-44-5	4-Methylphenol	430	U
621-64-7	N-Nitroso-Di-n-Propylamine	2200	S
67-72-1	Hexachloroethane	430	U
98-95-3	Nitrobenzene	430	U
78-59-1	Isophorone	430	U
88-75-5	2-Nitrophenol	430	U
105-67-9	2,4-Dimethylphenol	430	U
65-85-0	Benzoic Acid	2100	U
111-91-1	bis(2-Chloroethoxy)Methane	430	U
120-83-2	2,4-Dichlorophenol	430	U
120-82-1	1,2,4-Trichlorobenzene	1900	S
91-20-3	Naphthalene	430	U
106-47-8	4-Chloroaniline	430	U
87-68-3	Hexachlorobutadiene	430	U
59-50-7	4-Chloro-3-Methylphenol	4500	S
91-57-6	2-Methylnaphthalene	430	U
77-47-4	Hexachlorocyclopentadiene	430	U
88-06-2	2,4,6-Trichlorophenol	430	U
95-95-4	2,4,5-Trichlorophenol	2100	U
91-58-7	2-Chloronaphthalene	430	U
88-74-4	2-Nitroaniline	2100	U
131-11-3	Dimethyl Phthalate	430	U
208-96-8	Acenaphthylene	430	U
606-20-2	2,6-Dinitrotoluene	430	U

3 10 00926

1C

1201

EPA SAMPLE NO.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

J03~~4~~5MSD

Name: ITAS-KNOXVILLE Contract: _____

Lab Code: IT-STU Case No.: 42028 SAS No.: _____ SDG No.: J0348

Matrix: (soil/water) SOIL Lab Sample ID: HH5695

Sample wt/vol: 30.2 (g/mL) G Lab File ID: HH5695R2 Pm

Level: (low/med) LOW Date Received: 09/29/88

% Moisture: not dec. 23 dec. ____ Date Extracted: 10/04/88

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 11/02/88

GPC Cleanup: (Y/N) N pH: _____ Dilution Factor: 1.000

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
99-09-2	3-Nitroaniline	2100	U
83-32-9	Acenaphthene	2400	S
51-28-5	2,4-Dinitrophenol	2100	U
100-02-7	4-Nitrophenol	3700	S
132-64-9	Dibenzofuran	430	U
121-14-2	2,4-Dinitrotoluene	1900	S
84-66-2	Diethylphthalate	430	U
7005-72-3	4-Chlorophenyl-phenylether	430	U
86-73-7	Fluorene	430	U
100-01-6	4-Nitroaniline	2100	U
534-52-1	4,6-Dinitro-2-Methylphenol	2100	U
86-30-6	N-Nitrosodiphenylamine (1)	430	U
101-55-3	4-Bromophenyl-phenylether	430	U
118-74-1	Hexachlorobenzene	430	U
87-86-5	Pentachlorophenol	3900	S
85-01-8	Phenanthrene	430	U
120-12-7	Anthracene	430	U
84-74-2	Di-n-Butylphthalate	430	U
206-44-0	Fluoranthene	430	U
129-00-0	Pyrene	2100	S
85-68-7	Butylbenzylphthalate	430	U
91-94-1	3,3'-Dichlorobenzidine	850	U
56-55-3	Benzo(a)Anthracene	430	U
218-01-9	Chrysene	430	U
117-81-7	bis(2-Ethylhexyl)Phthalate	600	B
117-84-0	Di-n-Octyl Phthalate	430	U
205-99-2	Benzo(b)Fluoranthene	430	U
207-08-9	Benzo(k)Fluoranthene	430	U
50-32-8	Benzo(a)Pyrene	430	U
193-39-5	Indeno(1,2,3-cd)Pyrene	430	U
53-70-3	Dibenz(a,h)Anthracene	430	U
191-24-2	Benzo(g,h,i)Perylene	430	U

(1) - Cannot be separated from Diphenylamine

3 10 00927

1D

PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO. 129

J0353

Lab Name: ITAS-KNOXVILLE Contract: _____

Lab Code: IT-STL Case No.: IRIC 42028 SAS No.: _____ SDG No.: J0348

Matrix: (soil/water) SOIL Lab Sample ID: HH5693 05ST-5

Sample wt/vol: 30.64 (g/mL) G Lab File ID: _____

Level: (low/med) LOW Date Received: 09/29/88

% Moisture: not dec. 23 dec. _____ Date Extracted: 10/04/88

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 10/19/88

GPC Cleanup: (Y/N) N pH: 7.9 Dilution Factor: 5

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
319-84-6	alpha-BHC	10	U
319-85-7	beta-BHC	14	UJ
319-86-8	delta-BHC	10	U
58-89-9	gamma-BHC (Lindane)	10	U
76-44-8	Heptachlor	10	U
309-00-2	Aldrin	10	U
1024-57-3	Heptachlor epoxide	10	U
959-98-8	Endosulfan I	10	U
60-57-1	Dieldrin	21	U
72-55-9	4,4'-DDE	21	U
72-20-8	Endrin	21	U
33213-65-9	Endosulfan II	21	U
72-54-8	4,4'-DDD	21	U
1031-07-8	Endosulfan sulfate	21	U
50-29-3	4,4'-DDT	21	U
72-43-5	Methoxychlor	100	U
53494-70-5	Endrin ketone	21	UJ
5103-71-9	alpha-Chlordane	100	U
5103-74-2	gamma-Chlordane	100	U
8001-35-2	Toxaphene	210	U
12674-11-2	Aroclor-1016	100	U
11104-28-2	Aroclor-1221	100	U
11141-16-5	Aroclor-1232	100	U
53469-21-9	Aroclor-1242	100	U
12672-29-6	Aroclor-1248	100	U
11097-69-1	Aroclor-1254	210	U
11096-82-5	Aroclor-1260	210	U

3 10 00928

1D

PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO
1543
50353 MS

Lab Name: ITAS-KNOXVILLE Contract:

Lab Code: IT-STL Case No.: ITEK 42028 SAS No.: SDG No.: J0348

Matrix: (soil/water) SOIL Lab Sample ID: HH5614MSST-

Sample wt/vol: 30.45 (g/mL) G Lab File ID:

Level: (low/med) LOW Date Received: 09/29/88

% Moisture: not dec. 23 dec. Date Extracted: 10/04/88

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 10/19/88

GPC Cleanup: (Y/N) N pH: 8.1 Dilution Factor: 5

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

CAS NO.	COMPOUND		Q
319-84-6	alpha-BHC	10	U
319-85-7	beta-BHC	14	U
319-86-8	delta-BHC	10	U
58-89-9	gamma-BHC (Lindane)	39	S
76-44-8	Heptachlor	31	S
309-00-2	Aldrin	26	S
1024-57-3	Heptachlor epoxide	10	U
959-98-8	Endosulfan I	10	U
60-57-1	Dieldrin	61	S
72-55-9	4,4'-DDE	21	U
72-20-8	Endrin	73	S
33213-65-9	Endosulfan II	21	U
72-54-8	4,4'-DDD	21	U
1031-07-8	Endosulfan sulfate	21	U
50-29-3	4,4'-DDT	61	S
72-43-5	Methoxychlor	100	U
53494-70-5	Endrin ketone	21	U
5103-71-9	alpha-Chlordane	100	U
5103-74-2	gamma-Chlordane	100	U
8001-35-2	Toxaphene	210	U
12674-11-2	Aroclor-1016	100	U
11104-28-2	Aroclor-1221	100	U
11141-16-5	Aroclor-1232	100	U
53469-21-9	Aroclor-1242	100	U
12672-29-6	Aroclor-1248	100	U
11097-69-1	Aroclor-1254	210	U
11096-82-5	Aroclor-1260	210	U

3 10 00929

1D

PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO. 156

JO358MSD

Lab Name: ITAS-KNOXVILLE Contract: _____

Lab Code: IT-STL Case No.: IREIC 42028 SAS No.: _____ SDG No.: JO348

Matrix: (soil/water) SOIL Lab Sample ID: HH5695MSDST-S

Sample wt/vol: 30.20 (g/mL) G Lab File ID: _____

Level: (low/med) LOW Date Received: 09/29/88

% Moisture: not dec. 23 dec. _____ Date Extracted: 10/04/88

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 10/19/88

GPC Cleanup: (Y/N) N pH: 8.0 Dilution Factor: 5

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
319-84-6	alpha-BHC	10	U
319-85-7	beta-BHC	14	U
319-86-8	delta-BHC	10	U
58-89-9	gamma-BHC (Lindane)	34	S
76-44-8	Heptachlor	36	S
309-00-2	Aldrin	32	S
1024-57-3	Heptachlor epoxide	10	U
959-98-8	Endosulfan I	10	U
60-57-1	Dieldrin	68	S
72-55-9	4,4'-DDE	21	U
72-20-8	Endrin	80	S
33213-65-9	Endosulfan II	21	U
72-54-8	4,4'-DDD	21	U
1031-07-8	Endosulfan sulfate	21	U
50-29-3	4,4'-DDT	79	S
72-43-5	Methoxychlor	100	U
53494-70-5	Endrin ketone	21	U
5103-71-9	alpha-Chlordane	100	U
5103-74-2	gamma-Chlordane	100	U
8001-35-2	Toxaphene	210	U
12674-11-2	Aroclor-1016	100	U
11104-28-2	Aroclor-1221	100	U
11141-16-5	Aroclor-1232	100	U
53469-21-9	Aroclor-1242	100	U
12672-29-6	Aroclor-1248	100	U
11097-69-1	Aroclor-1254	210	U
11096-82-5	Aroclor-1260	210	U

3 10 00930

1 INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO. J0358

Lab Name: [illegible]-KNOXVILLE Contract: BLUFF ROAD SITE

Lab Code: [illegible] Case No.: ITEK42028 SAS No.: _____ SDG No.: J0348

Matrix (soil/water): SOIL Lab Sample ID: H456930G

Level (low/med): _____ Date Received: 09/29/88

% Solids: 78.4

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

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	9700		*	P
7440-36-0	Antimony	6	U	N	P
7440-38-2	Arsenic	0.8	U	W	F
7440-39-3	Barium	75.4			P
7440-41-7	Beryllium	0.6	B		P
7440-43-9	Cadmium	1	U		P
7440-70-2	Calcium	3820		*	P
7440-47-3	Chromium	9		*	P
7440-48-4	Cobalt	4	U		P
7440-50-8	Copper	4	B		P
7439-89-6	Iron	6640		*	P
7439-92-1	Lead	19.0			F
7439-95-4	Magnesium	151	B		P
7439-96-5	Manganese	21.7		*	P
7439-97-6	Mercury	0.03	U		CV
7440-02-0	Nickel	4	U		P
7440-09-7	Potassium	~~99~~ 154 200	U		P
7782-49-2	Selenium	0.8	U	WN	F
7440-22-4	Silver	1	U		P
7440-23-5	Sodium	247	B		P
7440-28-0	Thallium	0.5	U		F
7440-62-2	Vanadium	23			P
7440-66-6	Zinc	20		N*	P
	Cyanide	0.64	U		C

Color Before: GREY Clarity Before: _____ Texture: MEDIUM

Color After: COLORLESS Clarity After: CLEAR Artifacts: _____

Comments:

3 10 00951

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE 0951

J0359

Lab Name: ITAS-KNOXVILLE Contract: ~~42028~~

Lab Code: IT-STU Case No.: 42028 (ITGK) SAS No.: Pa wlzalgs SDG No.: J0348

Matrix: (soil/water) SOIL Lab Sample ID: HH5681

Sample wt/vol: 5.0 (g/mL) G Lab File ID: HH5681

Level: (low/med) LOW Date Received: 09/29/88

% Moisture: not dec. 65 Date Analyzed: 10/07/88

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	29	U
74-83-9	Bromomethane	29	U
75-01-4	Vinyl Chloride	29	U
75-00-3	Chloroethane	29	U
75-09-2	Methylene Chloride	35	
67-64-1	Acetone	340	B
75-15-0	Carbon Disulfide	14	U
75-35-4	1,1-Dichloroethene	14	U
75-35-3	1,1-Dichloroethane	14	U
540-59-0	1,2-Dichloroethene (total)	14	U
67-66-3	Chloroform	14	U
107-06-2	1,2-Dichloroethane	14	U
78-93-3	2-Butanone	29	U
71-55-6	1,1,1-Trichloroethane	14	U
56-23-5	Carbon Tetrachloride	14	U
108-05-4	Vinyl Acetate	29	U
75-27-4	Bromodichloromethane	14	U
78-87-5	1,2-Dichloropropane	14	U
10061-01-5	cis-1,3-Dichloropropene	14	U
79-01-6	Trichloroethene	14	U
124-48-1	Dibromochloromethane	14	U
79-00-5	1,1,2-Trichloroethane	14	U
71-43-2	Benzene	14	U
10061-02-6	Trans-1,3-Dichloropropene	14	U
75-25-2	Bromoform	14	U
108-10-1	4-Methyl-2-Pentanone	29	U
591-78-6	2-Hexanone	29	U
127-18-4	Tetrachloroethene	14	U
79-34-5	1,1,2,2-Tetrachloroethane	14	U
108-88-3	Toluene	5	J
108-90-7	Chlorobenzene	14	U
100-41-4	Ethylbenzene	14	U
100-42-5	Styrene	14	U
1330-20-7	Xylene (total)	14	U

3 10 00932 1B

EPA SAMPLE NO.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

J0359

C62

Lab Name: ITAS-KNOXVILLE Contract:

Lab Code: IT-STU Case No.: 42028 (ITEK) SAS No.: SDG No.: J0348

Matrix: (soil/water) SOIL Lab Sample ID: HH5896

Sample wt/vol: 20.2 (g/mL) G Lab File ID: HH5896

Level: (low/med) LOW Date Received: 09/29/88

% Moisture: not dec. 65 dec. 63 Date Extracted: 10/04/88

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 11/01/88

GPC Cleanup: (Y/N) N pH: Dilution Factor: 1.000

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

CAS NO.	COMPOUND		Q
108-95-2	Phenol	890	U
62-53-3	Aniline	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	4300	U
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

3 10 00933 1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

0628A

EPA SAMPLE NO.

J0359

Lab Name: ITAS-KNOXVILLE Contract: _____

Lab Code: IT-STU Case No.: 42028 (TCIC) SAS No.: _____ SDG No.: J0348

Matrix: (soil/water) SOIL Lab Sample ID: HH5696

Sample wt/vol: 30.2 (g/mL) G Lab File ID: HH5696

Level: (low/med) LOW Date Received: 09/29/88

% Moisture: not dec. 65 dec. 63 Date Extracted: 10/04/88

Extraction: (SepF, Cont, Sonc) SONC Date Analyzed: 11/01/88

GPC Cleanup: (Y/N) N pH: _____ Dilution Factor: 1.000

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

CAS NO.	COMPOUND		
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	180	J
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	1700	B
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

INTERNATIONAL TECHNOLOGY CORPORATION

ANALYTICAL SERVICES

5815 Middlebrook Pike • Knoxville, Tennessee 37921 • 615-588-6401

CERTIFICATE OF ANALYSIS

TO: IT Corporation
ATTN: Dike Erikson
312 Directors Drive
Knoxville, TN 37923

DATE REPORTED: October 31, 1988
PROJECT CODE: ITEK 42013
ORDER NUMBER: 408619.01.02
PAGE 31 OF 54

Sample Description: J0360 (Soil) received September 27, 1988

SEMIVOLATILE HAZARDOUS SUBSTANCE LIST COMPOUNDS

Compound	Concentration (µg/kg)	Compound	Concentration (µg/kg)
phenol	9,400	bis(2-chloroethoxy)methane	800 U
bis(2-chloroethyl)ether	800 U	2,4-dichlorophenol	800 U
2-chlorophenol	800 U	1,2,4-trichlorobenzene	800 U
1,3-dichlorobenzene	800 U	naphthalene	800 U
1,4-dichlorobenzene	800 U	4-chloroaniline	800 U
benzyl alcohol	800 U	hexachlorobutadiene	800 U
1,2-dichlorobenzene	800 U	4-chloro-3-methylphenol	800 U
2-methylphenol	800 U	2-methylnaphthalene	800 U
bis(2-chloroisopropyl)ether	800 U	hexachlorocyclopentadiene	800 U
4-methylphenol	800 U	2,4,6-trichlorophenol	800 U
n-nitroso-di-n-propylamine	800 U	2,4,5-trichlorophenol	3,900 U
hexachloroethane	800 U	2-chloronaphthalene	800 U
nitrobenzene	800 U	2-nitroaniline	3,900 U
isophorone	800 U	dimethyl phthalate	800 U
2-nitrophenol	800 U	acenaphthylene	800 U
2,4-dimethylphenol	800 U	2,6-dinitrotoluene	800 U
benzoic acid	3,900 U		

Date Extracted: 09/28/88
Date Analyzed: 10/17/88
Dilution Factor: 1
% Moisture: 59

U - Compound was analyzed for but not detected. The number is the detection limit for the sample.
J - Indicates an estimated value less than the detection limit.
B - Analyte was found in the blank as well as the sample.

Alyce L. Moore
Approved by Laboratory Manager

Title

3 10 00935

INTERNATIONAL TECHNOLOGY CORPORATION

ANALYTICAL SERVICES

5815 Middlebrook Pike • Knoxville, Tennessee 37921 • 615-588-6401

CERTIFICATE OF ANALYSIS

TO: IT Corporation
ATTN: Dike Erikson
312 Directors Drive
Knoxville, TN 37923

DATE REPORTED: October 31, 1988
PROJECT CODE: ITEK 42013
ORDER NUMBER: 408619.01.02
PAGE 32 OF 54

Sample Description: J0360 (Soil) received September 27, 1988

SEMIVOLATILE HAZARDOUS SUBSTANCE LIST COMPOUNDS (continued)

Compound	Concentration (µg/kg)	Compound	Concentration (µg/kg)
3-nitroaniline	3,900 U	anthracene	800 U
acenaphthene	800 U	di-n-butylphthalate	82 J
2,4-dinitrophenol	3,900 U	fluoranthene	800 U
4-nitrophenol	3,900 U	pyrene	800 U
dibenzofuran	800 U	butylbenzylphthalate	800 U
2,4-dinitrotoluene	800 U	3,3'-dichlorobenzidine	1,600 U
diethylphthalate	800 U	benzo(a)anthracene	800 U
4-chlorophenyl-phenylether	800 U	chrysene	800 U
fluorene	800 U	bis(2-ethylhexyl)phthalate	1,500 B
4-nitroaniline	3,900 U	di-n-octylphthalate	800 U
4,6-dinitro-2-methylphenol	3,900 U	benzo(b)fluoranthene	800 U
n-nitrosodiphenylamine[1]	800 U	benzo(k)fluoranthene	800 U
4-bromophenyl-phenylether	800 U	benzo(a)pyrene	800 U
hexachlorobenzene	800 U	indeno(1,2,3-cd)pyrene	800 U
pentachlorophenol	3,900 U	dibenzo(a,h)anthracene	800 U
phenanthrene	800 U	benzo(g,h,i)perylene	800 U

Date Extracted: 09/28/88
Date Analyzed: 10/17/88
Dilution Factor: 1
% Moisture: 59

U - Compound was analyzed for but not detected. The number is the detection limit for the sample.
J - Indicates an estimated value less than the detection limit.
B - Analyte was found in the blank as well as the sample.
[1] - Detected as diphenylamine.

Approved by Alyce L. Moore
Laboratory Manager

Title

3 10 00936

INTERNATIONAL TECHNOLOGY CORPORATION

ANALYTICAL SERVICES

5815 Middlebrook Pike • Knoxville, Tennessee 37921 • 615-588-6401

CERTIFICATE OF ANALYSIS

TO: IT Corporation
ATTN: Dike Erikson
312 Directors Drive
Knoxville, TN 37923

DATE REPORTED: October 31, 1988
PROJECT CODE: ITEK 42013
ORDER NUMBER: 408619.01.02
PAGE 43 OF 54

Sample Description: J0360 (Soil) received September 27, 1988

PESTICIDE AND PCB TARGET COMPOUND LIST

Compound	Concentration (µg/kg)	Compound	Concentration (µg/kg)
α-BHC	20 U	endosulfan sulfate	39 U
β-BHC	240 U	4,4'-DDT	39 U
δ-BHC	20 U	methoxychlor	200 U
γ-BHC (lindane)	20 U	endrin ketone	39 U
heptachlor	20 U	α-chlordane	200 U
aldrin	20 U	γ-chlordane	200 U
heptachlor epoxide	20 U	toxaphene	390 U
endosulfan I	20 U	Aroclor 1016	200 U
dieldrin	39 U	Aroclor 1221	200 U
4,4'-DDE	39 U	Aroclor 1232	200 U
endrin	39 U	Aroclor 1242	200 U
endosulfan II	39 U	Aroclor 1248	200 U
4,4'-DDD	39 U	Aroclor 1254	390 U
		Aroclor 1260	390 U

Date Extracted: 09/28/88
Date Analyzed: 10/10/88
Dilution Factor: 5
% Moisture: 59

U - Compound was analyzed for but not detected. The number is the detection limit for the sample.

Alyce L. Moore
Approved by Laboratory Manager

Title

3 10 00937

INTERNATIONAL TECHNOLOGY CORPORATION

ANALYTICAL SERVICES

5815 Middlebrook Pike • Knoxville, Tennessee 37921 • 615-588-6401

CERTIFICATE OF ANALYSIS

TO: IT Corporation
ATTN: Dike Erikson
312 Directors Drive
Knoxville, TN 37923

DATE REPORTED: October 31, 1988
PROJECT CODE: ITEK 42013
ORDER NUMBER: 408619.01.02
PAGE 53 OF 54

Sample Description: J0360 (Soil) received September 27, 1988

Concentration units are mg/kg (ppm)

TARGET ANALYTE LIST - METALS

Aluminum	8,070	
Antimony	6	U
Arsenic	1.8	B
Barium	24.2	
Beryllium	0.2	U
Cadmium	1	U
Calcium	230,000	
Chromium	2	
Cobalt	34	
Copper	18	
Iron	19,200	
Lead	23.4	
Magnesium	6	U
Manganese	110	
Mercury	3.74	
Nickel	229	
Potassium	200	U
Selenium	2	U
Silver	164	
Sodium	455	B
Thallium	1	U
Vanadium	56	
Zinc	24	
Cyanide	2.9	

% Solids: 36.6

U - Compound was analyzed for but not detected. The number is the detection limit for the sample.

B - Value greater than instrument detection limit, but less than contract required quantitation limit.

Alice K. Moore
Approved by Laboratory Manager

Title

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

J0361

Lab Name: ITAS-KNOXVILLE Contract: ~~42028~~

Lab Code: IT-STU Case No.: ITG 42028 SAS No.: Pa.012988 SDG No.: J0348

Matrix: (soil/water) SOIL Lab Sample ID: HH5682

Sample wt/vol: 5.0 (g/mL) G Lab File ID: HH5682

Level: (low/med) LOW Date Received: 09/29/88

% Moisture: not dec. 65 Date Analyzed: 10/07/88

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	29	U
74-83-9	Bromomethane	29	U
75-01-4	Vinyl Chloride	29	U
75-00-3	Chloroethane	29	U
75-09-2	Methylene Chloride	120	
67-64-1	Acetone	960	BE
75-15-0	Carbon Disulfide	14	U
75-35-4	1,1-Dichloroethene	240	
75-35-3	1,1-Dichloroethane	360	
540-59-0	1,2-Dichloroethene (total)	14	U
67-66-3	Chloroform	14	U
107-06-2	1,2-Dichloroethane	14	U
78-93-3	2-Butanone	27	J
71-55-6	1,1,1-Trichloroethane	820	E
56-23-5	Carbon Tetrachloride	14	U
108-05-4	Vinyl Acetate	29	U
75-27-4	Bromodichloromethane	14	U
78-87-5	1,2-Dichloropropane	14	U
10061-01-5	cis-1,3-Dichloropropene	14	U
79-01-6	Trichloroethene	220	
124-48-1	Dibromochloromethane	14	U
79-00-5	1,1,2-Trichloroethane	14	U
71-43-2	Benzene	6	J
10061-02-6	Trans-1,3-Dichloropropene	14	U
75-25-2	Bromoform	14	U
108-10-1	4-Methyl-2-Pentanone	~~6~~ 29	U
591-78-6	2-Hexanone	29	U
127-18-4	Tetrachloroethene	100	
79-34-5	1,1,2,2-Tetrachloroethane	14	U
108-88-3	Toluene	200	
108-90-7	Chlorobenzene	14	U
100-41-4	Ethylbenzene	93	
100-42-5	Styrene	14	U
1330-20-7	Xylenes (total)	~~240~~	E

Pa.012988

3 10 00939

0154

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

J0361DL

Lab Name: ITAS-KNOXVILLE Contract: ~~42028~~ 1766 Pm 10/29/88

Lab Code: IT-STU Case No.: 42028 SAS No.: _____ SDG No.: J0348

Matrix: (soil/water) SOIL Lab Sample ID: HH5682

Sample wt/vol: 2.5 (g/mL) G Lab File ID: HH5682D

Level: (low/med) LOW Date Received: 09/29/88

% Moisture: not dec. 65 Date Analyzed: 10/10/88

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	57	U
74-83-9	Bromomethane	57	U
75-01-4	Vinyl Chloride	57	U
75-00-3	Chloroethane	57	U
75-09-2	Methylene Chloride	190	B D
67-64-1	Acetone	1100	B D
75-15-0	Carbon Disulfide	29	U
75-35-4	1,1-Dichloroethene	230	D
75-35-3	1,1-Dichloroethane	390	D
540-59-0	1,2-Dichloroethene (total)	29	U
67-66-3	Chloroform	29	U
107-06-2	1,2-Dichloroethane	29	U
78-93-3	2-Butanone	30	J D
71-55-6	1,1,1-Trichloroethane	820	D
56-23-5	Carbon Tetrachloride	29	U
108-05-4	Vinyl Acetate	57	U
75-27-4	Bromodichloromethane	29	U
78-87-5	1,2-Dichloropropane	29	U
10061-01-5	cis-1,3-Dichloropropene	29	U
79-01-6	Trichloroethene	240	D
124-48-1	Dibromochloromethane	29	U
79-00-5	1,1,2-Trichloroethane	29	U
71-43-2	Benzene	6	J D
10061-02-6	Trans-1,3-Dichloropropene	29	U
75-25-2	Bromoform	29	U
108-10-1	4-Methyl-2-Pentanone	≤ 57	U
591-78-6	2-Hexanone	57	U
127-18-4	Tetrachloroethene	150	D
79-34-5	1,1,2,2-Tetrachloroethane	29	U
108-88-3	Toluene	240	D
108-90-7	Chlorobenzene	29	U
100-41-4	Ethylbenzene	110	D
100-42-5	Styrene	29	U
1330-20-7	Xylenes (total)	750 ~~300~~	D

Pm 10/29/88

3 10 00940

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

J0361

Lab Name: ITAS-KNOXVILLE Contract:

Lab Code: IT-STU Case No.: 42028 (ITGK) SAS No.: SDG No.: J0348

Matrix: (soil/water) SOIL Lab Sample ID: HH5697

Sample wt/vol: 30.4 (g/mL) G Lab File ID: HH5697

Level: (low/med) LOW Date Received: 09/29/88

% Moisture: not dec. 65 64 dec. 64 Date Extracted: 10/04/88

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 11/01/88

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

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
108-95-2	Phenol	13000	E
62-53-3	Aniline	900	U
111-44-4	bis(2-Chloroethyl)Ether	900	U
95-57-8	2-Chlorophenol	900	U
541-73-1	1,3-Dichlorobenzene	900	U
106-46-7	1,4-Dichlorobenzene	900	U
100-51-6	Benzyl Alcohol	900	U
95-50-1	1,2-Dichlorobenzene	900	U
95-48-7	2-Methylphenol	900	U
108-60-1	bis(2-Chloroisopropyl)Ether	900	U
106-44-5	4-Methylphenol	900	U
621-64-7	N-Nitroso-Di-n-Propylamine	900	U
67-72-1	Hexachloroethane	900	U
98-95-3	Nitrobenzene	900	U
78-59-1	Isophorone	900	U
88-75-5	2-Nitrophenol	900	U
105-67-9	2,4-Dimethylphenol	900	U
65-85-0	Benzoic Acid	140	BJ
111-91-1	bis(2-Chloroethoxy)Methane	900	U
120-83-2	2,4-Dichlorophenol	900	U
120-82-1	1,2,4-Trichlorobenzene	900	U
91-20-3	Naphthalene	900	U
106-47-8	4-Chloroaniline	900	U
87-68-3	Hexachlorobutadiene	900	U
59-50-7	4-Chloro-3-Methylphenol	900	U
91-57-6	2-Methylnaphthalene	900	U
77-47-4	Hexachlorocyclopentadiene	900	U
88-06-2	2,4,6-Trichlorophenol	900	U
95-95-4	2,4,5-Trichlorophenol	4400	U
91-58-7	2-Chloronaphthalene	900	U
88-74-4	2-Nitroaniline	4400	U
131-11-3	Dimethyl Phthalate	900	U
208-96-8	Acenaphthylene	900	U
606-20-2	2,6-Dinitrotoluene	900	U

3 10 00941

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

J0361

Name: ITAS-KNOXVILLE Contract: _____

Lab Code: IT-STU Case No.: 42028 (ITEK) SAS No.: _____ SDG No.: J0348

C68

Matrix: (soil/water) SOIL Lab Sample ID: HH5697

Sample wt/vol: 30.4 (g/mL) G Lab File ID: HH5697

Level: (low/med) LOW Date Received: 09/29/88

% Moisture: not dec. 65 dec. 64 Date Extracted: 10/04/88

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 11/01/88

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

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

CAS NO.	COMPOUND	Q
99-09-2	3-Nitroaniline	4400 U
83-32-9	Acenaphthene	900 U
51-28-5	2,4-Dinitrophenol	4400 U
100-02-7	4-Nitrophenol	4400 U
132-64-9	Dibenzofuran	900 U
121-14-2	2,4-Dinitrotoluene	900 U
84-66-2	Diethylphthalate	900 U
7005-72-3	4-Chlorophenyl-phenylether	900 U
86-73-7	Fluorene	900 U
100-01-6	4-Nitroaniline	4400 U
534-52-1	4,6-Dinitro-2-Methylphenol	4400 U
86-30-6	N-Nitrosodiphenylamine (1)	900 U
101-55-3	4-Bromophenyl-phenylether	900 U
118-74-1	Hexachlorobenzene	900 U
87-86-5	Pentachlorophenol	4400 U
85-01-8	Phenanthrene	900 U
120-12-7	Anthracene	900 U
84-74-2	Di-n-Butylphthalate	210 J
206-44-0	Fluoranthene	900 U
129-00-0	Pyrene	900 U
85-68-7	Butylbenzylphthalate	900 U
91-94-1	3,3'-Dichlorobenzidine	1800 U
56-55-3	Benzo(a)Anthracene	900 U
218-01-9	Chrysene	900 U
117-81-7	bis(2-Ethylhexyl)Phthalate	4100 B
117-84-0	Di-n-Octyl Phthalate	900 U
205-99-2	Benzo(b)Fluoranthene	900 U
207-08-9	Benzo(k)Fluoranthene	900 U
50-32-8	Benzo(a)Pyrene	900 U
193-39-5	Indeno(1,2,3-cd)Pyrene	900 U
53-70-3	Dibenz(a,h)Anthracene	900 U
191-24-2	Benzo(g,h,i)Perylene	900 U

(1) - Cannot be separated from Diphenylamine

3 10 00942
1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

J0361DL

Name: ITAS-KNOXVILLE Contract: _____

Lab Code: IT-STU Case No.: 42028 (TCK) SAS No.: _____ SDG No.: J0348 0744

Matrix: (soil/water) SOIL Lab Sample ID: HH5697DL

Sample wt/vol: 30.4 (g/mL) G Lab File ID: HH5697DL

Level: (low/med) LOW Date Received: 09/29/88

% Moisture: not dec. 65 dec. 64 Date Extracted: 10/04/88

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 11/01/88

GPC Cleanup: (Y/N) N pH: _____ Dilution Factor: 2.00

CONCENTRATION UNITS:

CAS NO. COMPOUND Pu 11/3/88 (ug/L or ug/Kg) UG/KG Q

CAS NO.	COMPOUND		Q
108-95-2	Phenol	18000	D
62-53-3	Aniline	1800	U
111-44-4	bis(2-Chloroethyl)Ether	1800	U
95-57-8	2-Chlorophenol	1800	U
541-73-1	1,3-Dichlorobenzene	1800	U
106-46-7	1,4-Dichlorobenzene	1800	U
100-51-6	Benzyl Alcohol	1800	U
95-50-1	1,2-Dichlorobenzene	1800	U
95-48-7	2-Methylphenol	1800	U
108-60-1	bis(2-Chloroisopropyl)Ether	1800	U
106-44-5	4-Methylphenol	1800	U
621-64-7	N-Nitroso-Di-n-Propylamine	1800	U
67-72-1	Hexachloroethane	1800	U
98-95-3	Nitrobenzene	1800	U
78-59-1	Isophorone	1800	U
88-75-5	2-Nitrophenol	1800	U
105-67-9	2,4-Dimethylphenol	1800	U
65-85-0	Benzoic Acid	8800	U
111-91-1	bis(2-Chloroethoxy)Methane	1800	U
120-83-2	2,4-Dichlorophenol	1800	U
120-82-1	1,2,4-Trichlorobenzene	1800	U
91-20-3	Naphthalene	1800	U
106-47-8	4-Chloroaniline	1800	U
87-68-3	Hexachlorobutadiene	1800	U
59-50-7	4-Chloro-3-Methylphenol	1800	U
91-57-6	2-Methylnaphthalene	1800	U
77-47-4	Hexachlorocyclopentadiene	1800	U
88-06-2	2,4,6-Trichlorophenol	1800	U
95-95-4	2,4,5-Trichlorophenol	8800	U
91-58-7	2-Chloronaphthalene	1800	U
88-74-4	2-Nitroaniline	8800	U
131-11-3	Dimethyl Phthalate	1800	U
208-96-8	Acenaphthylene	1800	U
606-20-2	2,6-Dinitrotoluene	1800	U

3 10 00943

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

J0361DL

Name: ITAS-KNOXVILLE Contract:

Lab Code: IT-STU Case No.: 42028 SAS No.: SDG No.: J0348 0745

Matrix: (soil/water) WATER Lab Sample ID: HH5697DL

Sample wt/vol: 1.0 (g/mL) G Lab File ID: HH5697DL

Level: (low/med) LOW Date Received: 09/29/88

% Moisture: not dec. 65 dec. 64 Date Extracted: 10/04/88

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 11/01/88

GPC Cleanup: (Y/N) N pH: Dilution Factor: 2.00

PA 11/3/89

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
99-09-2	3-Nitroaniline	8800	U
83-32-9	Acenaphthene	1800	U
51-28-5	2,4-Dinitrophenol	8800	U
100-02-7	4-Nitrophenol	8800	U
132-64-9	Dibenzofuran	1800	U
121-14-2	2,4-Dinitrotoluene	1800	U
84-66-2	Diethylphthalate	1800	U
7005-72-3	4-Chlorophenyl-phenylether	1800	U
86-73-7	Fluorene	1800	U
100-01-6	4-Nitroaniline	8800	U
534-52-1	4,6-Dinitro-2-Methylphenol	8800	U
86-30-6	N-Nitrosodiphenylamine (1)	1800	U
101-55-3	4-Bromophenyl-phenylether	1800	U
118-74-1	Hexachlorobenzene	1800	U
87-86-5	Pentachlorophenol	8800	U
85-01-8	Phenanthrene	1800	U
120-12-7	Anthracene	1800	U
84-74-2	Di-n-Butylphthalate	330	DJ
206-44-0	Fluoranthene	1800	U
129-00-0	Pyrene	1800	U
85-68-7	Butylbenzylphthalate	1800	U
91-94-1	3,3'-Dichlorobenzidine	3600	U
56-55-3	Benzo(a)Anthracene	1800	U
218-01-9	Chrysene	1800	U
117-81-7	bis(2-Ethylhexyl)Phthalate	1800	U
117-84-0	Di-n-Octyl Phthalate	1800	U
205-99-2	Benzo(b)Fluoranthene	1800	U
207-08-9	Benzo(k)Fluoranthene	1800	U
50-32-8	Benzo(a)Pyrene	1800	U
193-39-5	Indeno(1,2,3-cd)Pyrene	1800	U
53-70-3	Dibenz(a,h)Anthracene	1800	U
191-24-2	Benzo(g,h,i)Perylene	1800	U

(1) - Cannot be separated from Diphenylamine

3 10 00944

1D

PESTICIDE ORGANICS ANALYSIS DATA SHEET

1209
EPA SAMPLE NO.

J0361

Lab Name: ITAS-KNOXVILLE Contract: _____

Lab Code: IT-STL Case No.: ITEK 42028 SAS No.: _____ SDG No.: J0348

Matrix: (soil/water) SOIL Lab Sample ID: HH5697-5

Sample wt/vol: 30.35 (g/mL) G Lab File ID: _____

Level: (low/med) LOW Date Received: 09/29/88

% Moisture: not dec. 15 dec. 64 Date Extracted: 10/04/88

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 10/18/88

GPC Cleanup: (Y/N) N pH: 12.4 Dilution Factor: 5

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
319-84-6	alpha-BHC	33	U
319-85-7	beta-BHC	33	U
319-86-8	delta-BHC	33	U
58-89-9	gamma-BHC (Lindane)	30	UZ
76-44-8	Heptachlor	33	U
309-00-2	Aldrin	33	U
1024-57-3	Heptachlor epoxide	33	U
959-98-8	Endosulfan I	33	U
60-57-1	Dieldrin	66	U
72-55-9	4,4'-DDE	66	U
72-20-8	Endrin	66	U
33213-65-9	Endosulfan II	66	U
72-54-8	4,4'-DDD	66	U
1031-07-8	Endosulfan sulfate	660	
50-29-3	4,4'-DDT	500	UZ
72-43-5	Methoxychlor	330	U
53494-70-5	Endrin ketone	66	U
5103-71-9	alpha-Chlordane	330	U
5103-74-2	gamma-Chlordane	330	U
8001-35-2	Toxaphene	660	U
12674-11-2	Aroclor-1016	330	U
11104-28-2	Aroclor-1221	330	U
11141-16-5	Aroclor-1232	330	U
53469-21-9	Aroclor-1242	330	U
12672-29-6	Aroclor-1248	330	U
11097-69-1	Aroclor-1254	660	U
11096-82-5	Aroclor-1260	660	U

3 10 00945

1D

PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO

J0361DL

Lab Name: ITAS-KNOXVILLE Contract:

Lab Code: IT-STL Case No.: ITEIC 42028 SAS No.: SDG No.: J0348

Matrix: (soil/water) SOIL Lab Sample ID: 4H5C17-SC

Sample wt/vol: 30.35 (g/mL) G Lab File ID:

Level: (low/med) LOW Date Received: 09/29/88

% Moisture: not dec. 65 dec. 64 Date Extracted: 10/04/88

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 10/19/88

GPC Cleanup: (Y/N) N pH: 12.4 Dilution Factor: 50

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
319-84-6	alpha-BHC	220	U
319-85-7	beta-BHC	220	U
319-86-8	delta-BHC	220	U
58-89-9	gamma-BHC (Lindane)	22	U
76-44-8	Heptachlor	220	U
309-00-2	Aldrin	220	U
1024-57-3	Heptachlor epoxide	220	U
959-98-8	Endosulfan I	220	U
60-57-1	Dieldrin	440	U
72-55-9	4,4'-DDE	440	U
72-20-8	Endrin	440	U
33213-65-9	Endosulfan II	440	U
72-54-8	4,4'-DDD	440	U
1031-07-8	Endosulfan sulfate	610	D
50-29-3	4,4'-DDT	700	JZ
72-43-5	Methoxychlor	2200	U
53494-70-5	Endrin ketone	440	U
5103-71-9	alpha-Chlordane	2200	U
5103-74-2	gamma-Chlordane	2200	U
8001-35-2	Toxaphene	4400	U
12674-11-2	Aroclor-1016	2200	U
11104-28-2	Aroclor-1221	2200	U
11141-16-5	Aroclor-1232	2200	U
53469-21-9	Aroclor-1242	2200	U
12672-29-6	Aroclor-1248	2200	U
11097-69-1	Aroclor-1254	4400	U
11096-82-5	Aroclor-1260	4400	U

1

INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO. J0361

Lab Name: ITAS-KNOXVILLE Contract: BLUFF ROAD SITE

Lab Code: ITAS Case No.: ITEK42028 SAS No.: _____ SDG No.: J0348

Matrix (soil/water): SOIL Lab Sample ID: HH5697

Level (low/med): _____ Date Received: 09/29/88

% Solids: 36.1

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

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	4060		*	P
7440-36-0	Antimony	6	U	N	P
7440-38-2	Arsenic	1	U		F
7440-39-3	Barium	5.0	B		P
7440-41-7	Beryllium	0.2	U		P
7440-43-9	Cadmium	1	U		P
7440-70-2	Calcium	~~440000~~ 491000		*	P
7440-47-3	Chromium	17		*	P
7440-48-4	Cobalt	4	U		P
7440-50-8	Copper	8			P
7439-89-6	Iron	2260		*	P
7439-92-1	Lead	2.7			F
7439-95-4	Magnesium	281	B		P
7439-96-5	Manganese	13.8		*	P
7439-97-6	Mercury	0.16			V
7440-02-0	Nickel	8			P
7440-09-7	Potassium	200	U		P
7782-49-2	Selenium	1.7		WN	F
7440-22-4	Silver	22			P
7440-23-5	Sodium	1020			P
7440-28-0	Thallium	1	U		F
7440-62-2	Vanadium	35			P
7440-66-6	Zinc	16		N*	P
	Cyanide	9.1			C

Color Before: WHITE/GREY Clarity Before: _____ Texture: MEDIUM

Color After: COLORLESS Clarity After: CLEAR Artifacts: _____

Comments:

SLUDGE - VERY WET

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

J0362R

Lab Name: ITAS-KNOXVILLE Contract: ~~42028~~ Pm 10/29/88

Lab Code: IT-STU Case No.: 42028 ITEC SAS No.: _____ SDG No.: J0348

Matrix: (soil/water) SOIL Lab Sample ID: HH5683

Sample wt/vol: 5.0 (g/mL) G Lab File ID: HH56832

Level: (low/med) LOW Date Received: 09/29/88

% Moisture: not dec. 41 Date Analyzed: 10/10/88

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	17	U
74-83-9	Bromomethane	17	U
75-01-4	Vinyl Chloride	17	U
75-00-3	Chloroethane	17	U
75-09-2	Methylene Chloride	28	B
67-64-1	Acetone	92	B
75-15-0	Carbon Disulfide	3	J
75-35-4	1,1-Dichloroethene	8	U
75-35-3	1,1-Dichloroethane	8	U
540-59-0	1,2-Dichloroethene (total)	8	U
67-66-3	Chloroform	8	U
107-06-2	1,2-Dichloroethane	8	U
78-93-3	2-Butanone	17	U
71-55-6	1,1,1-Trichloroethane	8	U
56-23-5	Carbon Tetrachloride	8	U
108-05-4	Vinyl Acetate	17	U
75-27-4	Bromodichloromethane	8	U
78-87-5	1,2-Dichloropropane	8	U
10061-01-5	cis-1,3-Dichloropropene	8	U
79-01-6	Trichloroethene	8	U
124-48-1	Dibromochloromethane	8	U
79-00-5	1,1,2-Trichloroethane	8	U
71-43-2	Benzene	8	U
10061-02-6	Trans-1,3-Dichloropropene	8	U
75-25-2	Bromoform	8	U
108-10-1	4-Methyl-2-Pentanone	≤ 17	U
591-78-6	2-Hexanone	17	U
127-18-4	Tetrachloroethene	8	U
79-34-5	1,1,2,2-Tetrachloroethane	8	U
108-88-3	Toluene	2	J
108-90-7	Chlorobenzene	8	U
100-41-4	Ethylbenzene	8	U
100-42-5	Styrene	8	U
1330-20-7	Xylenes(total)	8	U

3 10 00948

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

J0362 0771

Name: ITAS-KNOXVILLE Contract: _____

Lab Code: IT-STU Case No.: 42028 (ITEK) SAS No.: _____ SDG No.: J0348

Matrix: (soil/water) SOIL Lab Sample ID: HH5696

Sample wt/vol: 30.0 (g/mL) G Lab File ID: HH5698

Level: (low/med) LOW Date Received: 09/29/88

% Moisture: not dec. 41 dec. 46 Date Extracted: 10/04/88

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 11/01/88

GPC Cleanup: (Y/N) N pH: _____ Dilution Factor: 1.000

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

CAS NO.	COMPOUND	Pm 11/3/88	Q
108-95-2	Phenol	800	
62-53-3	Aniline	610	U
111-44-4	bis(2-Chloroethyl)Ether	610	U
95-57-8	2-Chlorophenol	610	U
541-73-1	1,3-Dichlorobenzene	610	U
106-46-7	1,4-Dichlorobenzene	610	U
100-51-6	Benzyl Alcohol	610	U
95-50-1	1,2-Dichlorobenzene	610	U
95-48-7	2-Methylphenol	610	U
108-60-1	bis(2-Chloroisopropyl)Ether	610	U
106-44-5	4-Methylphenol	610	U
621-64-7	N-Nitroso-Di-n-Propylamine	610	U
67-72-1	Hexachloroethane	610	U
98-95-3	Nitrobenzene	610	U
78-59-1	Isophorone	610	U
88-75-5	2-Nitrophenol	610	U
105-67-9	2,4-Dimethylphenol	610	U
65-85-0	Benzoic Acid	3000	U
111-91-1	bis(2-Chloroethoxy)Methane	610	U
120-83-2	2,4-Dichlorophenol	610	U
120-82-1	1,2,4-Trichlorobenzene	610	U
91-20-3	Naphthalene	610	U
106-47-8	4-Chloroaniline	610	U
87-68-3	Hexachlorobutadiene	610	U
59-50-7	4-Chloro-3-Methylphenol	610	U
91-57-6	2-Methylnaphthalene	610	U
77-47-4	Hexachlorocyclopentadiene	610	U
88-06-2	2,4,6-Trichlorophenol	610	U
95-95-4	2,4,5-Trichlorophenol	3000	U
91-58-7	2-Chloronaphthalene	610	U
88-74-4	2-Nitroaniline	3000	U
131-11-3	Dimethyl Phthalate	610	U
208-96-8	Acenaphthylene	610	U
606-20-2	2,6-Dinitrotoluene	610	U

3 10 00949
10

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

J0362 0772

Name: ITAS-KNOXVILLE Contract:

Lab Code: IT-STU Case No.: 42028 (ITEE) SAS No.: SDG No.: J0348

Matrix: (soil/water) SOIL Lab Sample ID: HH5696

Sample wt/vol: 30.0 (g/mL) G Lab File ID: HH5698

Level: (low/med) LOW Date Received: 09/29/88

% Moisture: not dec. 4 dec. 46 Date Extracted: 10/04/88

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 11/01/88

GPC Cleanup: (Y/N) N pH: Dilution Factor: 1.000

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
99-09-2	3-Nitroaniline	3000	U
83-32-9	Acenaphthene	610	U
51-28-5	2,4-Dinitrophenol	3000	U
100-02-7	4-Nitrophenol	3000	U
132-64-9	Dibenzofuran	610	U
121-14-2	2,4-Dinitrotoluene	610	U
84-66-2	Diethylphthalate	610	U
7005-72-3	4-Chlorophenyl-phenylether	610	U
86-73-7	Fluorene	610	U
100-01-6	4-Nitroaniline	3000	U
534-52-1	4,6-Dinitro-2-Methylphenol	3000	U
86-30-6	N-Nitrosodiphenylamine (1)	610	U
101-55-3	4-Bromophenyl-phenylether	610	U
118-74-1	Hexachlorobenzene	610	U
87-86-5	Pentachlorophenol	3000	U
85-01-8	Phenanthrene	610	U
120-12-7	Anthracene	610	U
84-74-2	Di-n-Butylphthalate	130	J
206-44-0	Fluoranthene	610	U
129-00-0	Pyrene	610	U
85-68-7	Butylbenzylphthalate	610	U
91-94-1	3,3'-Dichlorobenzidine	1200	U
56-55-3	Benzo(a)Anthracene	610	U
218-01-9	Chrysene	610	U
117-81-7	bis(2-Ethylhexyl)Phthalate	1200	B
117-84-0	Di-n-Octyl Phthalate	610	U
205-99-2	Benzo(b)Fluoranthene	610	U
207-08-9	Benzo(k)Fluoranthene	610	U
50-32-8	Benzo(a)Pyrene	610	U
193-39-5	Indeno(1,2,3-cd)Pyrene	610	U
53-70-3	Dibenz(a,h)Anthracene	610	U
191-24-2	Benzo(g,h,i)Perylene	610	U

(1) - Cannot be separated from Diphenylamine

3 10 00950

1D

PESTICIDE ORGANICS ANALYSIS DATA SHEET

1273

EPA SAMPLE NO.

J0362

Lab Name: ITAS-KNOXVILLE Contract: _____

Lab Code: IT-STU Case No.: ITEK 42028 SAS No.: _____ SDG No.: J0348

Matrix: (soil/water) SOIL Lab Sample ID: HH56935T-S

Sample wt/vol: 30.02 (g/mL) G Lab File ID: _____

Level: (low/med) LOW Date Received: 09/29/88

% Moisture: not dec. 41 dec. 46 Date Extracted: 10/04/88

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 10/19/88

GPC Cleanup: (Y/N) N pH: 12.4 Dilution Factor: 5

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
319-84-6	alpha-BHC	15	U
319-85-7	beta-BHC	30	UZ
319-86-8	delta-BHC	15	U
58-89-9	gamma-BHC (Lindane)	15	U
76-44-8	Heptachlor	15	U
309-00-2	Aldrin	15	U
1024-57-3	Heptachlor epoxide	15	U
959-98-8	Endosulfan I	15	U
60-57-1	Dieldrin	30	U
72-55-9	4,4'-DDE	30	U
72-20-8	Endrin	30	U
33213-65-9	Endosulfan II	30	U
72-54-8	4,4'-DDD	30	U
1031-07-8	Endosulfan sulfate	30	U
50-29-3	4,4'-DDT	30	U
72-43-5	Methoxychlor	150	U
53494-70-5	Endrin ketone	30	U
5103-71-9	alpha-Chlordane	150	U
5103-74-2	gamma-Chlordane	150	U
8001-35-2	Toxaphene	300	U
12674-11-2	Aroclor-1016	150	U
11104-28-2	Aroclor-1221	150	U
11141-16-5	Aroclor-1232	150	U
53469-21-9	Aroclor-1242	150	U
12672-29-6	Aroclor-1248	150	U
11097-69-1	Aroclor-1254	300	U
11096-82-5	Aroclor-1260	300	U

U.S. EPA - CLP

INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO. J0362

Lab Name: TAS-KNOXVILLE Contract: BLUFF ROAD SITE

Lab Code: TAS Case No.: ITEK42028 SAS No.: _____ SDG No.: J0948

Matrix (soil/water): SOIL Lab Sample ID: HH5698

Level (low/med): _____ Date Received: 09/29/88

% Solids: 58.6

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

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	14500		*	P
7440-36-0	Antimony	6	U	N	P
7440-38-2	Arsenic	1	U		F
7440-39-3	Barium	164			P
7440-41-7	Beryllium	0.8	B		P
7440-43-9	Cadmium	1	U		P
7440-70-2	Calcium	166000		*	P
7440-47-3	Chromium	11		*	P
7440-48-4	Cobalt	4	U		P
7440-50-8	Copper	5			P
7439-89-6	Iron	7210		*	P
7439-92-1	Lead	9.6		S	F
7439-95-4	Magnesium	312	B		P
7439-96-5	Manganese	27.0		*	P
7439-97-6	Mercury	0.05			V
7440-02-0	Nickel	4	U		P
7440-09-7	Potassium	200	U		P
7782-49-2	Selenium	5	U	WN	F
7440-22-4	Silver	1	U		P
7440-23-5	Sodium	428	B		P
7440-28-0	Thallium	0.7	U		F
7440-62-2	Vanadium	24			P
7440-66-6	Zinc	7		N*	P
	Cyanide	0.85	E		C

Color Before: GREY Clarity Before: _____ Texture: MEDIUM

Color After: COLORLESS Clarity After: CLEAR Artifacts: _____

Comments:

3 10 00952

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

J0363

Lab Name: ITAS KNOXVILLE Contract: _____

Lab Code: IT-STU Case No.: ITEK 42028 SAS No.: _____ SDG No.: J0348

Matrix: (soil/water) WATER Lab Sample ID: HH5684

Sample wt/vol: 5 (g/mL) ML Lab File ID: HH5684

Level: (low/med) LOW Date Received: 09/29/88

% Moisture: not dec. _____ Date Analyzed: 10/07/88

Column: (pack/cap) PACK Dilution Factor: 1

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

3 10 00953

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

00363

Name: ITAS-KNOXVILLE Contract: _____

Lab Code: IT-STU Case No.: 42028 ITEK SAS No.: _____ SDG No.: J0348 0823

Matrix: (soil/water) WATER Lab Sample ID: BH3714

Sample wt/vol: 1000 (g/mL) ML Lab File ID: 10270021

Level: (low/med) LOW Date Received: 09/19/88

% Moisture: not dec. _____ dec. _____ Date Extracted: 10/03/88

Extraction: (SepF/Cont/Sonc) SEPF Date Analyzed: 10/27/88

GPC Cleanup: (Y/N) N pH: 7.0 Dilution Factor: 1.00

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

CAS NO.	COMPOUND		Q
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
39638-32-9	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

3 10 00954

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

J0363 0824

Lab Name: ITAS-KNOXVILLE Contract:

Lab Code: IT-STU Case No.: 4202S (ITEK) SAS No.: SDG No.: J0348

Matrix: (soil/water) WATER Lab Sample ID: 4537-2

Sample wt/vol: 1000 (g/mL) ML Lab File ID: 1027D1

Level: (low/med) LOW Date Received: 09/27/88

% Moisture: not dec. dec. Date Extracted: 10/03/88

Extraction: SepF/Cont/Sonc: SEPF Date Analyzed: 10/27/88

GPC Cleanup: (Y/N) N pH: 7.0 Dilution Factor: 1.00

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
88-74-4	2-Nitroaniline	50	U
83-32-9	Acenaphthene	10	U
51-28-5	2,4-Dinitrophenol	50	U
100-02-7	4-Nitrophenol	50	U
132-64-9	Dibenzofuran	10	U
121-14-2	2,4-Dinitrotoluene	10	U
84-66-2	Diethylphthalate	10	U
7005-72-3	4-Chlorophenyl-phenylether	10	U
86-73-7	Fluorene	10	U
100-10-6	4-Nitroaniline	50	U
534-52-1	4,6-Dinitro-2-Methylphenol	50	U
86-30-6	N-Nitrosodiphenylamine (1)	10	U
101-55-3	4-Bromophenyl-phenylether	10	U
118-74-1	Hexachlorobenzene	10	U
87-86-5	Pentachlorophenol	50	U
85-01-8	Phenanthrene	10	U
120-12-7	Anthracene	10	U
84-74-2	Di-n-Butylphthalate	10	U
206-44-0	Fluoranthene	10	U
129-00-0	Pyrene	10	U
85-68-7	Butylbenzylphthalate	10	U
91-94-1	3,3'-Dichlorobenzidine	20	U
56-55-3	Benzo(a)Anthracene	10	U
218-01-9	Chrysene	10	U
117-81-7	Bis(2-Ethylhexyl)Phthalate	10	U
117-84-0	Di-n-Octyl Phthalate	10	U
205-99-2	Benzo(b)Fluoranthene	10	U
207-08-9	Benzo(k)Fluoranthene	10	U
50-32-8	Benzo(a)Pyrene	10	U
193-39-5	Indeno(1,2,3-cd)Pyrene	10	U
53-70-3	Dibenz(a,h)Anthracene	10	U
191-24-2	Benzo(g,h,i)Perylene	10	U

(1) - Cannot be separated from Diphenylamine

3 10 00955 ID

PESTICIDE ORGANICS ANALYSIS DATA SHEET

1287
EPA SAMPLE NO.

JO343

Lab Name: IT4S-KNOXVILLE Contract:

Lab Code: IT-STU Case No.: ITEK 42028 SAS No.: SDG No.: JO343

Matrix: (soil/water) WATER Lab Sample ID: HU5713-1

Sample wt/vol: 1000 (g/mL) ML Lab File ID:

Level: (low/med) LOW Date Received: 09/29/88

% Moisture: not dec. dec. Date Extracted: 09/30/88

Extraction: (SepF/Cont/Sonc) SEPF Date Analyzed: 10/11/88

GPC Cleanup: (Y/N) N pH: 7.0 Dilution Factor: 1

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
319-84-6	alpha-BHC	0.050	U
319-85-7	beta-BHC	0.050	U
319-86-8	delta-BHC	0.050	U
58-89-9	gamma-BHC (Lindane)	0.050	U
76-44-8	Heptachlor	0.050	U
309-00-2	Aldrin	0.050	U
1024-57-3	Heptachlor epoxide	0.050	U
959-98-8	Endosulfan I	0.050	U
60-57-1	Dieldrin	0.10	U
72-55-9	4,4'-DDE	0.10	U
72-20-8	Endrin	0.10	U
33213-65-9	Endosulfan II	0.10	U
72-54-8	4,4'-DDD	0.10	U
1031-07-8	Endosulfan sulfate	0.10	U
50-29-3	4,4'-DDT	0.10	U
72-43-5	Methoxychlor	0.50	U
53494-70-5	Endrin ketone	0.10	U
5103-71-9	alpha-Chlordane	0.50	U
5103-74-2	gamma-Chlordane	0.50	U
8001-35-2	Toxaphene	1.0	U
12674-11-2	Aroclor-1016	0.50	U
11104-28-2	Aroclor-1221	0.50	U
11141-16-5	Aroclor-1232	0.50	U
53469-21-9	Aroclor-1242	0.50	U
12672-29-6	Aroclor-1248	0.50	U
11097-69-1	Aroclor-1254	1.0	U
11096-82-5	Aroclor-1260	1.0	U

1

INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO. J0343

Lab Name: ITAS-KNOXVILLE Contract: BLUFF ROAD SITE

Lab Code: IT-STU Case No.: ITEK42028 SAS No.: _____ SDG No.: J0342

Matrix (soil/water): WATER Lab Sample ID: HH57016/HH5

Level (low/med): _____ Date Received: 09/29/88

% Solids: 0

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

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	160	B		P
7440-36-0	Antimony	30	U	N	P
7440-38-2	Arsenic	4	B		F
7440-39-3	Barium	30	B		P
7440-41-7	Beryllium	1	U		P
7440-43-9	Cadmium	5	U		P
7440-70-2	Calcium	72500			P
7440-47-3	Chromium	10	U		P
7440-48-4	Cobalt	20	U		P
7440-50-8	Copper	10	U		P
7439-89-6	Iron	212			P
7439-92-1	Lead	2	U		F
7439-95-4	Magnesium	1340	B		P
7439-96-5	Manganese	13	B		P
7439-97-6	Mercury	0.6			V
7440-02-0	Nickel	20	U		P
7440-09-7	Potassium	7980			P
7782-49-2	Selenium	2	U		F
7440-22-4	Silver	5	U	N	P
7440-23-5	Sodium	13900			P
7440-28-0	Thallium	14	U	W	F
7440-62-2	Vanadium	10	U		P
7440-66-6	Zinc	11	B		P
	Cyanide	10	U		C

Color Before: COLORLESS Clarity Before: CLEAR Texture: _____

Color After: COLORLESS Clarity After: CLEAR Artifacts: _____

Comments:

3 10 00957

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

J0364 024

Lab Name: ITAS KNOXVILLE Contract: _____

Lab Code: IT-STU Case No.: ITEK 42028 SAS No.: _____ SDG No.: J0340

Matrix: (soil/water) WATER Lab Sample ID: HH5685

Sample wt/vol: 5 (g/mL) ML Lab File ID: HH5685

Level: (low/med) LOW Date Received: 09/29/88

% Moisture: not dec. _____ Date Analyzed: 10/07/88

Column: (pack/cap) PACK Dilution Factor: 1

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

3 10 00958

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

SMO SAMPLE NO.

JOI64

Lab Name: ITAS-KNOXVILLE Contract: 0850

ITEK

Lab Code: IT-STU Case No.: 42029 SAS No.: SDG No.: JOI42

Matrix: (soil/water) WATER Lab Sample ID: JOI64

Sample wt/vol: 1000 (g/mL) ML Lab File ID:

Level: (low/med) LOW Date Received: 05/09/89

% Moisture: not dec. dec. Date Extracted: 05/23/89

Extraction: SepF/Cont/Sonc) SEPF Date Analyzed: 06/27/89

GPC Cleanup: (Y/N) N pH: 7.0 Dilution Factor: 1.00

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
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
39638-32-9	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

3 10 00959

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

00364 0851

Lab Name: ITAS-KNOXVILLE Contract:

Lab Code: IT-ETU Case No.: 42008 ITEK SAS No.: SDG No.: 00366

Matrix: (soil/water) WATER Lab Sample ID:

Sample wt/vol: 1000 (g/mL) ML Lab File ID:

Level: (low/med) LOW Date Received:

% Moisture: not dec. dec. Date Extracted:

Extraction: (SepF/Cont/Sonc) SEPF Date Analyzed:

GPC Cleanup: (Y/N) N pH: 7.0 Dilution Factor: 1.00

CONCENTRATION UNITS:
(ug/L or ug/kg) UG/L

CAS NO.	COMPOUND		
88-74-4	2-Nitroaniline	50	U
83-32-9	Acenaphthene	10	U
51-28-5	2,4-Dinitrophenol	50	U
100-02-7	4-Nitrophenol	50	U
132-64-9	Dibenzofuran	10	U
121-14-2	2,4-Dinitrotoluene	10	U
84-66-2	Diethylphthalate	10	U
7005-72-3	4-Chlorophenyl-phenylether	10	U
86-73-7	Fluorene	10	U
100-10-6	4-Nitroaniline	50	U
534-52-1	4,6-Dinitro-2-Methylphenol	50	U
86-30-6	N-Nitrosodiphenylamine (1)	10	U
101-55-3	4-Bromophenyl-phenylether	10	U
118-74-1	Hexachlorobenzene	10	U
87-86-5	Pentachlorophenol	50	U
85-01-8	Phenanthrene	10	U
120-12-7	Anthracene	10	U
84-74-2	Di-n-Butylphthalate	10	U
206-44-0	Fluoranthene	10	U
129-00-0	Pyrene	10	U
85-68-7	Butylbenzylphthalate	10	U
91-94-1	3,3'-Dichlorobenzidine	20	U
56-55-3	Benzo(a)Anthracene	10	U
218-01-9	Chrysene	10	U
117-81-7	bis(2-Ethylhexyl)Phthalate	10	U
117-84-0	Di-n-Octyl Phthalate	10	U
205-99-2	Benzo(b)Fluoranthene	10	U
207-08-9	Benzo(k)Fluoranthene	10	U
50-32-8	Benzo(a)Pyrene	10	U
193-39-5	Indeno(1,2,3-cd)Pyrene	10	U
53-70-3	Dibenz(a,h)Anthracene	10	U
191-24-2	Benzo(g,h,i)Perylene	10	U

(1) - Cannot be separated from Diphenylamine

3 10 00960

1D

PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

JO3G4 1292

Lab Name: ITAS-KNOXVILLE Contract: _____

Lab Code: IT-STU Case No.: ITEK 42028 SAS No.: _____ SDG No.: JO348

Matrix: (soil/water) WATER Lab Sample ID: HH5714-1

Sample wt/vol: 1000 (g/mL) ML Lab File ID: _____

Level: (low/med) LOW Date Received: 09/29/88

% Moisture: not dec. _____ dec. _____ Date Extracted: 09/30/88

Extraction: (SepF/Cont/Sonc) SEPF Date Analyzed: 10/11/88

GPC Cleanup: (Y/N) N pH: 7.0 Dilution Factor: 1

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
319-84-6	alpha-BHC	0.050	U
319-85-7	beta-BHC	0.050	U
319-86-8	delta-BHC	0.050	U
58-89-9	gamma-BHC (Lindane)	0.050	U
76-44-8	Heptachlor	0.050	U
309-00-2	Aldrin	0.050	U
1024-57-3	Heptachlor epoxide	0.050	U
959-98-8	Endosulfan I	0.050	U
60-57-1	Dieldrin	0.10	U
72-55-9	4,4'-DDE	0.10	U
72-20-8	Endrin	0.10	U
33213-65-9	Endosulfan II	0.10	U
72-54-8	4,4'-DDD	0.10	U
1031-07-8	Endosulfan sulfate	0.10	U
50-29-3	4,4'-DDT	0.10	U
72-43-5	Methoxychlor	0.50	U
53494-70-5	Endrin ketone	0.10	U
5103-71-9	alpha-Chlordane	0.50	U
5103-74-2	gamma-Chlordane	0.50	U
8001-35-2	Toxaphene	1.0	U
12674-11-2	Aroclor-1016	0.50	U
11104-28-2	Aroclor-1221	0.50	U
11141-16-5	Aroclor-1232	0.50	U
53469-21-9	Aroclor-1242	0.50	U
12672-29-6	Aroclor-1248	0.50	U
11097-69-1	Aroclor-1254	1.0	U
11096-82-5	Aroclor-1260	1.0	U

3 10 00961

U.S. EPA - CLP

01C

INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO. J0364

Lab Name: ITAS-KNOXVILLE Contract: Bluff Road Site

Lab Code: ITAS Case No.: ITEK42028 SAS No.: _____ SDG No.: J0348

Matrix (soil/water): WATER Lab Sample ID: #45707/HH5

Level (low/med): _____ Date Received: 09/29/88

% Solids: 0

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

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	71	B		P
7440-36-0	Antimony	30	U	N	P
7440-38-2	Arsenic	2	U		F
7440-39-3	Barium	87	B		P
7440-41-7	Beryllium	1	U		P
7440-43-9	Cadmium	5	U		P
7440-70-2	Calcium	67700			P
7440-47-3	Chromium	10	U		P
7440-48-4	Cobalt	20	U		P
7440-50-8	Copper	10	U		P
7439-89-6	Iron	170			P
7439-92-1	Lead	3	U	W	F
7439-95-4	Magnesium	842	B		P
7439-96-5	Manganese	26			P
7439-97-6	Mercury	0.2	U		V
7440-02-0	Nickel	20	U		P
7440-09-7	Potassium	5090			P
7782-49-2	Selenium	3	B		F
7440-22-4	Silver	5	U	N	P
7440-23-5	Sodium	11600			P
7440-28-0	Thallium	18	U	W	F
7440-62-2	Vanadium	11	B		P
7440-66-6	Zinc	12	B		P
	Cyanide	10	U		C

Color Before: COLORLESS Clarity Before: CLEAR Texture: _____

Color After: COLORLESS Clarity After: CLEAR Artifacts: _____

Comments:

7 10 00962

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO. 825

J0365

Lab Name: ITAS KNOXVILLE Contract: _____

Lab Code: IT-STU Case No.: ITEK 42028 SAS No.: _____ SDG No.: J0348

Matrix: (soil/water) WATER Lab Sample ID: HH5686

Sample wt/vol: 5 (g/mL) ML Lab File ID: HH5686

Level: (low/med) LOW Date Received: 09/29/88

% Moisture: not dec. _____ Date Analyzed: 10/07/88

Column: (pack/cap) PACK Dilution Factor: 1

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

3 10 00963

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

J0365 MS 04

Lab Name: ITAS KNOXVILLE Contract: _____

Lab Code: IT-STU Case No.: ITEK 42028 SAS No.: _____ SDG No.: J0348

Matrix: (soil/water) WATER Lab Sample ID: HH5687

Sample wt/vol: 5 (g/mL) ML Lab File ID: HH5687

Level: (low/med) LOW Date Received: 09/29/88

% Moisture: not dec. _____ Date Analyzed: 10/07/88

Column: (pack/cap) PACK Dilution Factor: 1

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L		Q
74-87-3	Chloromethane	10		U
74-83-9	Bromomethane	10		U
75-01-4	Vinyl Chloride	10		U
75-00-3	Chloroethane	10		U
75-09-2	Methylene Chloride		1	JB
67-64-1	Acetone		5	J
75-15-0	Carbon Disulfide	5		U
75-35-4	1,1-Dichloroethene		55	E
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	58	E
124-48-1	Dibromochloromethane	5		U
79-00-5	1,1,2-Trichloroethane	5		U
71-43-2	Benzene		55	E
10061-02-6	trans-1,3-Dichloropropene	5		U
75-25-2	Bromoform	5		U
108-10-1	4-Methyl-2-Pentanone	10		U
591-78-6	2-Hexanone	10		U
127-18-4	Tetrachloroethene	5		U
79-34-5	1,1,2,2-Tetrachloroethane	5		U
108-88-3	Toluene		55	E
108-90-7	Chlorobenzene		58	E
100-41-4	Ethylbenzene	5		U
100-42-5	Styrene	5		U
1330-20-7	Xylene (total)	5		U

3 10 00964

0492

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

J036S MSD

Lab Name: ITAS KNOXVILLE Contract:

Lab Code: IT-STU Case No.: ITEK 42028 SAS No.: SDG No.: J0348

Matrix: (soil/water) WATER Lab Sample ID: HH5688

Sample wt/vol: 5 (g/mL) ML Lab File ID: HH5688

Level: (low/med) LOW Date Received: 09/29/88

% Moisture: not dec. Date Analyzed: 10/07/88

Column: (pack/cap) PACK Dilution Factor: 1

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L		Q
74-87-3	Chloromethane		10	U
74-83-9	Bromomethane		10	U
75-01-4	Vinyl Chloride		10	U
75-00-3	Chloroethane		10	U
75-09-2	Methylene Chloride		1	JB
67-64-1	Acetone		10	U
75-15-0	Carbon Disulfide		5	U
75-35-4	1,1-Dichloroethene		54	5
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		58	5
124-48-1	Dibromochloromethane		5	U
79-00-5	1,1,2-Trichloroethane		5	U
71-43-2	Benzene		55	5
10061-02-6	trans-1,3-Dichloropropene		5	U
75-25-2	Bromoform		5	U
108-10-1	4-Methyl-2-Pentanone		10	U
591-78-6	2-Hexanone		10	U
127-18-4	Tetrachloroethene		5	U
79-34-5	1,1,2,2-Tetrachloroethane		5	U
108-88-3	Toluene		55	5
108-90-7	Chlorobenzene		58	5
100-41-4	Ethylbenzene		5	U
100-42-5	Styrene		5	U
1330-20-7	Xylene (total)		5	U

3 10 00965

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

J0365

Name: ITAS-KNOXVILLE Contract: _____

Lab Code: IT-STU Case No.: 42028 ITEK SAS No.: _____ SDG No.: J0348 0872

Matrix: (soil/water) [illegible] Lab Sample ID: [illegible]

Sample wt/vol: [illegible] (g/mL) ML Lab File ID: 1027041

Level: (low/med) LOW Date Received: [illegible]

% Moisture: not dec. ____ dec. ____ Date Extracted: 10/03/88

Extraction: (SepF/Cont/Sonc) SEPF Date Analyzed: [illegible]

GPC Cleanup: (Y/N) [illegible] pH: 7.0 Dilution Factor: 1.00

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
[illegible]-5-2	[illegible]nol	[illegible]	[illegible]
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
39638-32-9	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

3 10 00966

10

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

J0365 0873

Name: ITAS-KNOXVILLE Contract: _____

Lab Code: IT-STU Case No.: 42028 ITEK SAS No.: _____ SDG No.: J0348

Matrix: (soil/water) WATER Lab Sample ID: [illegible]

Sample wt/vol: [illegible] (g/mL) ML Lab File ID: [illegible]

Level: (low/med) LOW Date Received: 09/29/88

% Moisture: not dec. ____ dec. ____ Date Extracted: 10/03/88

Extraction: (SepF/Cont/Sonc) SEPF Date Analyzed: 10/27/88

GPC Cleanup: (Y/N) N pH: 7.0 Dilution Factor: 1.00

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
99-09-2	3-Nitroaniline	50	U
83-32-9	Acenaphthene	10	U
51-28-5	2,4-Dinitrophenol	50	U
100-02-7	4-Nitrophenol	50	U
132-64-9	Dibenzofuran	10	U
121-14-2	2,4-Dinitrotoluene	10	U
84-66-2	Diethylphthalate	10	U
7005-72-3	4-Chlorophenyl-phenylether	10	U
86-73-7	Fluorene	10	U
100-10-6	4-Nitroaniline	50	U
534-52-1	4,6-Dinitro-2-Methylphenol	50	U
86-30-6	N-Nitrosodiphenylamine (1)	10	U
101-55-3	4-Bromophenyl-phenylether	10	U
118-74-1	Hexachlorobenzene	10	U
87-86-5	Pentachlorophenol	50	U
85-01-8	Phenanthrene	10	U
120-12-7	Anthracene	10	U
84-74-2	Di-n-Butylphthalate	10	U
206-44-0	Fluoranthene	10	U
129-00-0	Pyrene	10	U
85-68-7	Butylbenzylphthalate	10	U
91-94-1	3,3'-Dichlorobenzidine	20	U
56-55-3	Benzo(a)Anthracene	10	U
218-01-9	Chrysene	10	U
117-81-7	bis(2-Ethylhexyl)Phthalate	14	
117-84-0	Di-n-Octyl Phthalate	10	U
205-99-2	Benzo(b)Fluoranthene	10	U
207-08-9	Benzo(k)Fluoranthene	10	U
50-32-8	Benzo(a)Pyrene	10	U
193-39-5	Indeno(1,2,3-cd)Pyrene	10	U
53-70-3	Dibenz(a,h)Anthracene	10	U
191-24-2	Benzo(g,h,i)Perylene	10	U

(1) [illegible] not be separated from Diphenylamine

3 10 00967

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

J0365MS 1189

Name: ITAS-KNOXVILLE Contract: _____

Lab Code: IT-STL Case No.: 42022 (ITEK) SAS No.: _____ SDG No.: J0348

Matrix: soil/water WATER Lab Sample ID: [illegible]

Sample wt/vol: [illegible] (g/mL) ML Lab File ID: 1027051

Level: (low/med) LOW Date Received: [illegible]

% Moisture: not dec. ____ dec. ____ Date Extracted: [illegible]

Extraction: (Sepf/Cont/Sonc) SEPF Date Analyzed: [illegible]

GPC Cleanup: (Y/N) N pH: 7.0 Dilution Factor: 1.00

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
[illegible]	Phenol	[illegible]	S
111-44-4	bis(2-Chloroethyl)Ether	20	U
95-57-8	2-Chlorophenol	280	S
541-73-1	1,3-Dichlorobenzene	20	U
[illegible]-46-7	1,4-Dichlorobenzene	140	S
100-51-6	Benzyl Alcohol	20	U
95-50-1	1,2-Dichlorobenzene	20	U
95-48-7	2-Methylphenol	20	U
39638-32-9	bis(2-Chloroisopropyl)Ether	20	U
106-44-5	4-Methylphenol	20	U
621-64-7	N-Nitroso-Di-n-Propylamine	110	S
67-72-1	Hexachloroethane	20	U
98-95-3	Nitrobenzene	20	U
78-59-1	Isophorone	20	U
88-75-5	2-Nitrophenol	20	U
105-67-9	2,4-Dimethylphenol	20	U
65-85-0	Benzoic Acid	100	U
111-91-1	bis(2-Chloroethoxy)Methane	20	U
120-83-2	2,4-Dichlorophenol	20	U
120-82-1	1,2,4-Trichlorobenzene	160	S
91-20-3	Naphthalene	20	U
106-47-8	4-Chloroaniline	20	U
87-68-3	Hexachlorobutadiene	20	U
59-50-7	4-Chloro-3-Methylphenol	310	S
91-57-6	2-Methylnaphthalene	20	U
77-47-4	Hexachlorocyclopentadiene	20	U
88-06-2	2,4,6-Trichlorophenol	20	U
95-95-4	2,4,5-Trichlorophenol	100	U
91-58-7	2-Chloronaphthalene	20	U
88-74-4	2-Nitroaniline	100	U
131-11-3	Dimethyl Phthalate	20	U
208-96-8	Acenaphthylene	20	U
606-20-2	2,6-Dinitrotoluene	20	U

FORM I SV-1 1/87 Rev.

S = spiked Compd

C.M.

3 10 00968

IC

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO. 1199

J0365MS

Lab Name: ITAS-KNOXVILLE Contract: _____

Lab Code: IT-STU Case No.: ITEK 42025 SAS No.: _____ SDG No.: J0348

Matrix: (soil/water) WATER Lab Sample ID: HHF716

Sample wt/vol: 1.0 (g/mL) ML Lab File ID: 1027051

Level: (low/med) LOW Date Received: 09/29/88

% Moisture: not dec. _____ dec. _____ Date Extracted: 10/03/88

Extraction: (SepF/Cont/Sonc) SEPF Date Analyzed: 10/27/88

GPC Cleanup: (Y/N) N pH: 7.0 Dilution Factor: 1.00

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
88-05-2	2-Nitroaniline	100	U
83-32-9	Acenaphthene	180	S
51-28-5	2,4-Dinitrophenol	100	U
100-02-7	4-Nitrophenol	170	S
132-64-9	Dibenzofuran	20	U
121-14-2	2,4-Dinitrotoluene	93	S
84-66-2	Diethylphthalate	20	U
7005-72-3	4-Chlorophenyl-phenylether	20	U
86-73-7	Fluorene	20	U
100-10-6	4-Nitroaniline	100	U
534-52-1	4,6-Dinitro-2-Methylphenol	100	U
86-30-6	N-Nitrosodiphenylamine (1)	20	U
101-55-3	4-Bromophenyl-phenylether	20	U
118-74-1	Hexachlorobenzene	20	U
87-86-5	Pentachlorophenol	330	S
85-01-8	Phenanthrene	20	U
120-12-7	Anthracene	20	U
84-74-2	Di-n-Butylphthalate	20	U
206-44-0	Fluoranthene	20	U
129-00-0	Pyrene	240	S
85-68-7	Butylbenzylphthalate	20	U
91-94-1	3,3'-Dichlorobenzidine	40	U
56-55-3	Benzo(a)Anthracene	20	U
218-01-9	Chrysene	20	U
117-81-7	bis(2-Ethylhexyl)Phthalate	20	U
117-84-0	Di-n-Octyl Phthalate	20	U
205-99-2	Benzo(b)Fluoranthene	20	U
207-08-9	Benzo(k)Fluoranthene	20	U
50-32-8	Benzo(a)Pyrene	20	U
193-39-5	Indeno(1,2,3-cd)Pyrene	20	U
53-70-3	Dibenz(a,h)Anthracene	20	U
191-24-2	Benzo(g,h,i)Perylene	20	U

(1) - Cannot be separated from Diphenylamine

S = spiked compd

C.M. 11/4/88

3 10 00969
1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

J0365MSD

Name: ITAS-KNOXVILLE Contract: _____

Lab Code: IT-STL Case No.: 42092 ITEK SAS No.: _____ SDG No.: J0343

Matrix: (soil/water) WATER Lab Sample ID: 1257 1213

Sample wt/vol: 1000 (g/mL) ML Lab File ID: 1027061

Level: (low/med) LOW Date Received: 09/22/88

% Moisture: not dec. _____ dec. _____ Date Extracted: 10/03/88

Extraction: (Sep/Cont/Sonc) SEPF Date Analyzed: 10/27/88

GPC Cleanup: (Y/N) N pH: 7.0 Dilution Factor: 1.00

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
108-95-2	Phenol	150	S
111-44-4	bis(2-Chloroethyl)Ether	20	U
95-57-8	2-Chlorophenol	320	S
541-73-1	1,3-Dichlorobenzene	20	U
106-46-7	1,4-Dichlorobenzene	140	S
100-51-6	Benzyl Alcohol	20	U
95-50-1	1,2-Dichlorobenzene	20	U
95-48-7	2-Methylphenol	20	U
39638-32-9	bis(2-Chloroisopropyl) Ether	20	U
106-44-5	4-Methylphenol	20	U
621-64-7	N-Nitroso-Di-n-Propylamine	100	S
67-72-1	Hexachloroethane	20	U
98-95-3	Nitrobenzene	20	U
78-59-1	Isophorone	20	U
88-75-5	2-Nitrophenol	20	U
105-67-9	2,4-Dimethylphenol	20	U
65-85-0	Benzoic Acid	100	U
111-91-1	bis(2-Chloroethoxy)Methane	20	U
120-83-2	2,4-Dichlorophenol	20	U
120-82-1	1,2,4-Trichlorobenzene	170	S
91-20-3	Naphthalene	20	U
106-47-8	4-Chloroaniline	20	U
87-68-3	Hexachlorobutadiene	20	U
59-50-7	4-Chloro-3-Methylphenol	330	S
91-57-6	2-Methylnaphthalene	20	U
77-47-4	Hexachlorocyclopentadiene	20	U
88-06-2	2,4,6-Trichlorophenol	20	U
95-95-4	2,4,5-Trichlorophenol	100	U
91-58-7	2-Chloronaphthalene	20	U
88-74-4	2-Nitroaniline	100	U
131-11-3	Dimethyl Phthalate	20	U
208-96-8	Acenaphthylene	20	U
606-20-2	2,6-Dinitrotoluene	20	U

FORM I SV-1 1/87 Rev.

5a spiked compd

C.M.

3 10 00970

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

J0365MSD

1214

Name: ITAS-KNOXVILLE Contract: _____

Lab Code: IT-STU Case No.: 42028 (ITEK) SAS No.: _____ SDG No.: J0349

Matrix: (soil/water) WATER Lab Sample ID: [illegible]

Sample wt/vol.: 200 (g/mL) ML Lab File ID: 1027061

Level: (low/med) LOW Date Received: 09/29/88

% Moisture: not dec. ____ dec. ____ Date Extracted: 10/03/88

Extraction: Sep. (Cont/Sonc) SEPF Date Analyzed: 10/27/88

GPC Cleanup: (Y/N) N pH: 7.0 Dilution Factor: 1.00

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
99-09-2	3-Nitroaniline	[illegible]	U
83-32-9	Acenaphthene	190	S
51-28-5	2,4-Dinitrophenol	100	U
100-02-7	4-Nitrophenol	160	S
132-64-9	Dibenzofuran	20	U
121-14-2	2,4-Dinitrotoluene	95	S
84-66-2	Diethylphthalate	20	U
7005-72-3	4-Chlorophenyl-phenylether	20	U
86-73-7	Fluorene	20	U
100-10-6	4-Nitroaniline	100	U
534-52-1	4,6-Dinitro-2-Methylphenol	100	U
86-30-6	N-Nitrosodiphenylamine (1)	20	U
101-55-3	4-Bromophenyl-phenylether	20	U
118-74-1	Hexachlorobenzene	20	U
87-86-5	Pentachlorophenol	390	S
85-01-8	Phenanthrene	20	U
120-12-7	Anthracene	20	U
84-74-2	Di-n-Butylphthalate	20	U
206-44-0	Fluoranthene	20	U
129-00-0	Pyrene	260	S
85-68-7	Butylbenzylphthalate	20	U
91-94-1	3,3'-Dichlorobenzidine	40	U
56-55-3	Benzo(a)Anthracene	20	U
218-01-9	Chrysene	20	U
117-81-7	bis(2-Ethylhexyl)Phthalate	20	U
117-84-0	Di-n-Octyl Phthalate	20	U
205-99-2	Benzo(b)Fluoranthene	20	U
207-08-9	Benzo(k)Fluoranthene	20	U
50-32-8	Benzo(a)Pyrene	20	U
193-39-5	Indeno(1,2,3-cd)Pyrene	20	U
53-70-3	Dibenz(a,h)Anthracene	20	U
191-24-2	Benzo(g,h,i)Perylene	20	U

(1) - Cannot be separated from Diphenylamine

sa spiked compd

FORM I SV-2 CM 11/2/88 1/87 Rev.

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1D

PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO 1297

JC365

Lab Name: ITAS-KNOXVILLE Contract: _____

Lab Code: IT-STL Case No.: ITEK 42038 SAS No.: _____ SDG No.: JC348

Matrix: (soil/water) WATER Lab Sample ID: HH5715C-1

Sample wt/vol: 1000 (g/mL) mL Lab File ID: _____

Level: (low/med) LOW Date Received: 09/29/88

% Moisture: not dec. _____ dec. _____ Date Extracted: 09/30/88

Extraction: (SepF/Cont/Sonc) SEPF Date Analyzed: 10/11/88

GPC Cleanup: (Y/N) N pH: 7.0 Dilution Factor: 1

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
319-84-6	alpha-BHC	0.050	U
319-85-7	beta-BHC	0.050	U
319-86-8	delta-BHC	0.050	U
58-89-9	gamma-BHC (Lindane)	0.050	U
76-44-8	Heptachlor	0.050	U
309-00-2	Aldrin	0.050	U
1024-57-3	Heptachlor epoxide	0.050	U
959-98-8	Endosulfan I	0.050	U
60-57-1	Dieldrin	0.10	U
72-55-9	4,4'-DDE	0.10	U
72-20-8	Endrin	0.10	U
33213-65-9	Endosulfan II	0.10	U
72-54-8	4,4'-DDD	0.10	U
1031-07-8	Endosulfan sulfate	0.10	U
50-29-3	4,4'-DDT	0.10	U
72-43-5	Methoxychlor	0.50	U
53494-70-5	Endrin ketone	0.10	U
5103-71-9	alpha-Chlordane	0.50	U
5103-74-2	gamma-Chlordane	0.50	U
8001-35-2	Toxaphene	1.0	U
12674-11-2	Aroclor-1016	0.50	U
11104-28-2	Aroclor-1221	0.50	U
11141-16-5	Aroclor-1232	0.50	U
53469-21-9	Aroclor-1242	0.50	U
12672-29-6	Aroclor-1248	0.50	U
11097-69-1	Aroclor-1254	1.0	U
11096-82-5	Aroclor-1260	1.0	U

3 10 00972

1D

PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO

JC365 DL

Lab Name: IT4S-KNOXVILLE Contract:

Lab Code: IT-STU Case No.: ITEIC 42028 SAS No.: SDG No.: JC343 131

Matrix: (soil/water) WATER Lab Sample ID: #H571SCC-5

Sample wt/vol: 1000 (g/mL) mL Lab File ID:

Level: (low/med) LOW Date Received: 09/29/88

% Moisture: not dec. dec. Date Extracted: 09/30/88

Extraction: (SepF/Cont/Sonc) SEPF Date Analyzed: 10/11/88

GPC Cleanup: (Y/N) N pH: 7.0 Dilution Factor: 5

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
319-84-6	alpha-BHC	0.25	U
319-85-7	beta-BHC	0.25	U
319-86-8	delta-BHC	0.25	U
58-89-9	gamma-BHC (Lindane)	0.25	U
76-44-8	Heptachlor	0.25	U
309-00-2	Aldrin	0.25	U
1024-57-3	Heptachlor epoxide	0.25	U
959-98-8	Endosulfan I	0.25	U
60-57-1	Dieldrin	0.50	U
72-55-9	4,4'-DDE	0.50	U
72-20-8	Endrin	0.50	U
33213-65-9	Endosulfan II	0.50	U
72-54-8	4,4'-DDD	0.50	U
1031-07-8	Endosulfan sulfate	0.50	U
50-29-3	4,4'-DDT	0.50	U
72-43-5	Methoxychlor	2.5	U
53494-70-5	Endrin ketone	0.50	U
5103-71-9	alpha-Chlordane	2.5	U
5103-74-2	gamma-Chlordane	2.5	U
8001-35-2	Toxaphene	5.0	U
12674-11-2	Aroclor-1016	2.5	U
11104-28-2	Aroclor-1221	2.5	U
11141-16-5	Aroclor-1232	2.5	U
53469-21-9	Aroclor-1242	2.5	U
12672-29-6	Aroclor-1248	2.5	U
11097-69-1	Aroclor-1254	5.0	U
11096-82-5	Aroclor-1260	5.0	U

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ID

PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO: J0365 MS

Lab Name: ITAS-KNOXVILLE Contract:

Lab Code: IT-STU Case No.: ITEK 42038 SAS No.: SDG No.: J0348

Matrix: (soil/water) WATER Lab Sample ID: HH5716MS-1

Sample wt/vol: 500 (g/mL) mL Lab File ID:

Level: (low/med) LOW Date Received: 09/29/88

% Moisture: not dec. dec. Date Extracted: 09/30/88

Extraction: (SepF/Cont/Sonc) SEPF Date Analyzed: 10/11/88

GPC Cleanup: (Y/N) N pH: 7.0 Dilution Factor: 1

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
319-84-6	alpha-BHC	0.10	U
319-85-7	beta-BHC	0.10	U
319-86-8	delta-BHC	0.10	U
58-89-9	gamma-BHC (Lindane)	0.35	SX
76-44-8	Heptachlor	0.34	S
309-00-2	Aldrin	0.35	S
1024-57-3	Heptachlor epoxide	0.10	U
959-98-8	Endosulfan I	0.10	U
60-57-1	Dieldrin	0.93	S
72-55-9	4,4'-DDE	0.20	U
72-20-8	Endrin	1.1	S
33213-65-9	Endosulfan II	0.20	U
72-54-8	4,4'-DDD	0.20	U
1031-07-8	Endosulfan sulfate	0.20	U
50-29-3	4,4'-DDT	0.94	S
72-43-5	Methoxychlor	1.0	U
53494-70-5	Endrin ketone	0.20	U
5103-71-9	alpha-Chlordane	1.0	U
5103-74-2	gamma-Chlordane	1.0	U
8001-35-2	Toxaphene	2.0	U
12674-11-2	Aroclor-1016	1.0	U
11104-28-2	Aroclor-1221	1.0	U
11141-16-5	Aroclor-1232	1.0	U
53469-21-9	Aroclor-1242	1.0	U
12672-29-6	Aroclor-1248	1.0	U
11097-69-1	Aroclor-1254	2.0	U
11096-82-5	Aroclor-1260	2.0	U

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1D
PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO

J0365MSD

Lab Name: ITAS-KNOXVILLE Contract: _____

Lab Code: IT-STU Case No.: ITEK 420.28 SAS No.: _____ SDG No.: J0348

Matrix: (soil/water) WATER Lab Sample ID: HH5717MSD-1

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: _____

Level: (low/med) LOW Date Received: 09/29/88

% Moisture: not dec. _____ dec. _____ Date Extracted: 09/30/88

Extraction: (SepF/Cont/Sonc) SEPF Date Analyzed: 10/11/88

GPC Cleanup: (Y/N) n pH: 7.0 Dilution Factor: 1

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
319-84-6	alpha-BHC	0.10	U
319-85-7	beta-BHC	0.10	U
319-86-8	delta-BHC	0.10	U
58-89-9	gamma-BHC (Lindane)	0.37	SX
76-44-8	Heptachlor	0.35	S
309-00-2	Aldrin	0.43	S
1024-57-3	Heptachlor epoxide	0.10	U
959-98-8	Endosulfan I	0.10	U
60-57-1	Dieldrin	0.94	S
72-55-9	4,4'-DDE	0.20	U
72-20-8	Endrin	1.1	S
33213-65-9	Endosulfan II	0.20	U
72-54-8	4,4'-DDD	0.20	U
1031-07-8	Endosulfan sulfate	0.20	U
50-29-3	4,4'-DDT	0.97	S
72-43-5	Methoxychlor	1.0	U
53494-70-5	Endrin ketone	0.20	U
5103-71-9	alpha-Chlordane	1.0	U
5103-74-2	gamma-Chlordane	1.0	U
8001-35-2	Toxaphene	2.0	U
12674-11-2	Aroclor-1016	1.0	U
11104-28-2	Aroclor-1221	1.0	U
11141-16-5	Aroclor-1232	1.0	U
53469-21-9	Aroclor-1242	1.0	U
12672-29-6	Aroclor-1248	1.0	U
11097-69-1	Aroclor-1254	2.0	U
11096-82-5	Aroclor-1260	2.0	U

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1D

PESTICIDE ORGANICS ANALYSIS DATA SHEET

155

EPA SAMPLE N

JO365MSDL

Lab Name: ITAS - KNOXVILLE Contract:

Lab Code: IT-STL Case No.: ITEK 420.28 SAS No.: SDG No.: JO343

Matrix: (soil/water) WATER Lab Sample ID: HH5716MS

Sample wt/vol: 500 (g/mL) ML Lab File ID:

Level: (low/med) LOW Date Received: 09/29/88

% Moisture: not dec. dec. Date Extracted: 09/30/88

Extraction: (SepF/Cont/Sonc) SEPF Date Analyzed: 10/11/88

GPC Cleanup: (Y/N) N pH: 7.0 Dilution Factor: 5

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
319-84-6	alpha-BHC	0.50	U
319-85-7	beta-BHC	0.50	U
319-86-8	delta-BHC	0.50	U
58-89-9	gamma-BHC (Lindane)	0.42	SDJ
76-44-8	Heptachlor	0.44	SDJ
309-00-2	Aldrin	0.44	SDJ
1024-57-3	Heptachlor epoxide	0.50	U
959-98-8	Endosulfan I	0.50	U
60-57-1	Dieldrin	0.93	SDJ
72-55-9	4,4'-DDE	1.0	U
72-20-8	Endrin	1.0	SD
33213-65-9	Endosulfan II	1.0	U
72-54-8	4,4'-DDD	1.0	U
1031-07-8	Endosulfan sulfate	1.0	U
50-29-3	4,4'-DDT	0.90	SDJ
72-43-5	Methoxychlor	5.0	U
53494-70-5	Endrin ketone	1.0	U
5103-71-9	alpha-Chlordane	5.0	U
5103-74-2	gamma-Chlordane	5.0	U
8001-35-2	Toxaphene	10	U
12674-11-2	Aroclor-1016	50	U
11104-28-2	Aroclor-1221	50	U
11141-16-5	Aroclor-1232	50	U
53469-21-9	Aroclor-1242	50	U
12672-29-6	Aroclor-1248	50	U
11097-69-1	Aroclor-1254	10	U
11096-82-5	Aroclor-1260	10	U

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1D
PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO

J0365MSDDL

Lab Name: ITAS-KNOXVILLE Contract: _____

Lab Code: IT-STU Case No.: ITEK 420.28 SAS No.: _____ SDG No.: JC348

Matrix: (soil/water) WATER Lab Sample ID: HH5717MSD-5

Sample wt/vol: 500 (g/mL) mL Lab File ID: _____

Level: (low/med) LOW Date Received: 09/29/88

% Moisture: not dec. _____ dec. _____ Date Extracted: 09/30/88

Extraction: (SepF/Cont/Sonc) SEPF Date Analyzed: 10/11/88

GPC Cleanup: (Y/N) n pH: 7.0 Dilution Factor: 5

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
319-84-6	alpha-BHC	0.50	U
319-85-7	beta-BHC	0.50	U
319-86-8	delta-BHC	0.50	U
58-89-9	gamma-BHC (Lindane)	0.36	SDJ
76-44-8	Heptachlor	0.41	SDJ
309-00-2	Aldrin	0.43	SDJ
1024-57-3	Heptachlor epoxide	0.50	U
959-98-8	Endosulfan I	0.50	U
60-57-1	Dieldrin	0.92	SDJ
72-55-9	4,4'-DDE	1.0	U
72-20-8	Endrin	1.0	SD
33213-65-9	Endosulfan II	1.0	U
72-54-8	4,4'-DDD	1.0	U
1031-07-8	Endosulfan sulfate	1.0	U
50-29-3	4,4'-DDT	0.90	SDJ
72-43-5	Methoxychlor	5.0	U
53494-70-5	Endrin ketone	1.0	U
5103-71-9	alpha-Chlordane	5.0	U
5103-74-2	gamma-Chlordane	5.0	U
8001-35-2	Toxaphene	10	U
12674-11-2	Aroclor-1016	5.0	U
11104-28-2	Aroclor-1221	5.0	U
11141-16-5	Aroclor-1232	5.0	U
53469-21-9	Aroclor-1242	5.0	U
12672-29-6	Aroclor-1248	5.0	U
11097-69-1	Aroclor-1254	10	U
11096-82-5	Aroclor-1260	10	U

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U.S. EPA - CLP

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INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO. J0365

Lab Name: I-AS-KNOXVILLE Contract: BLUFF ROAD SITE

Lab Code: I-STU Case No.: ITEK42028 SAS No.: _____ SDG No.: J0348

Matrix (soil/water): WATER Lab Sample ID: HH5708 05/HH

Level (low/med): _____ Date Received: 09/29/88

% Solids: 0

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

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	40	U		P
7440-36-0	Antimony	30	U	N	P
7440-38-2	Arsenic	2	U		F
7440-39-3	Barium	38	B		P
7440-41-7	Beryllium	1	U		P
7440-43-9	Cadmium	5	U		P
7440-70-2	Calcium	68300			P
7440-47-3	Chromium	10	U		P
7440-48-4	Cobalt	20	U		P
7440-50-8	Copper	10	U		P
7439-89-6	Iron	158			P
7439-92-1	Lead	3	U	W	F
7439-95-4	Magnesium	859	B		P
7439-96-5	Manganese	27			P
7439-97-6	Mercury	0.2	U		V
7440-02-0	Nickel	80	U		P
7440-09-7	Potassium	5000			P
7782-49-2	Selenium	2	U		F
7440-22-4	Silver	3	U	N	P
7440-23-5	Sodium	116000			P
7440-28-0	Thallium	20	U		F
7440-62-2	Vanadium	11	B		P
7440-66-6	Zinc	12	B		P
	Cyanide	10	U		C

Color Before: COLORLESS Clarity Before: CLEAR Texture: _____

Color After: COLORLESS Clarity After: CLEAR Artifacts: _____

Comments:

3 10 00978

APPENDIX A

CERTIFICATES OF ANALYSIS

APPENDIX A
ANALYTICAL RESULTS

SAMPLE NUMBER	PARAMETER CODE	COMPOUND/ANALYTE	RESULTS	QUALIFIER	UNITS	PRODUCT CODE	SAMPLE LOCATION	FLAG
	85-68-7	Butyl benzyl phthalate	720	U	UG/KG	ME 705	SS18	TRG
	86-30-6	N-Nitrosodiphenylamine	720	U	UG/KG		SS18	
	86-73-7	Fluorene	720	U	UG/KG		SS18	
	87-68-3	Hexachlorobutadiene	720	U	UG/KG		SS18	
	87-86-5	Pentachlorophenol	3500	U	UG/KG		SS18	
	59-50-7	4-Chloro-3-methylphenol	720	U	UG/KG		SS18	
	65-85-0	Benzoic acid	3500	U	UG/KG		SS18	
	78-59-1	Isophorone	720	U	UG/KG		SS18	
	77-47-4	Hexachlorocyclopentadiene	720	U	UG/KG		SS18	
	67-72-1	Hexachloroethane	720	U	UG/KG		SS18	
	53-70-3	Dibenzo(a,h)anthracene	720	U	UG/KG		SS18	
	51-28-5	2,4-Dinitrophenol	3500	U	UG/KG		SS18	
	56-23-5	Carbon Tetrachloride	5	U	UG/KG	MV 705	SS18	
	71-43-2	Benzene	5	U	UG/KG		SS18	
	71-55-6	1,1,1-Trichloroethane	5	U	UG/KG		SS18	
	79-34-5	1,1,2,2-Tetrachloroethane	5	U	UG/KG		SS18	
	IT0-001	% Moisture	8		% MOISTURE		SS18	
	100-41-4	Ethylbenzene	5	U	UG/KG		SS18	
	108-05-4	Vinyl Acetate	11	U	UG/KG		SS18	
	108-10-1	4-Methyl-2-pentanone	11	U	UG/KG		SS18	
	108-88-3	Toluene	5	U	UG/KG		SS18	
	108-90-7	Chlorobenzene	5	U	UG/KG		SS18	
	127-18-4	Tetrachloroethene	5	U	UG/KG		SS18	
	124-48-1	Dibromochloromethane	5	U	UG/KG		SS18	
	540-59-0	1,2-Dichloroethylene	5	U	UG/KG		SS18	
	107-06-2	1,2-Dichloroethane	5	U	UG/KG		SS18	
	100-42-5	Styrene	5	U	UG/KG		SS18	
	74-83-9	Bromomethane	11	U	UG/KG		SS18	
	591-78-6	2-Hexanone	11	U	UG/KG		SS18	
	1330-20-7	Total xylenes	5	U	UG/KG		SS18	
	10061-01-5	cis-1,3-Dichloropropene	5	U	UG/KG		SS18	
	10061-02-6	trans-1,3-Dichloropropene	5	U	UG/KG		SS18	
	75-34-3	1,1-Dichloroethane	5	U	UG/KG		SS18	
	75-35-4	1,1-Dichloroethene	5	U	UG/KG		SS18	
	78-87-5	1,2-Dichloropropane	5	U	UG/KG		SS18	
	78-93-3	2-Butanone	11	U	UG/KG		SS18	
	79-00-5	1,1,2-Trichloroethane	5	U	UG/KG		SS18	
	79-01-6	Trichloroethene	5	U	UG/KG		SS18	
	75-27-4	Bromodichloromethane	5	U	UG/KG		SS18	
	75-25-2	Bromoform	5	U	UG/KG		SS18	
	74-87-3	Chloromethane	11	U	UG/KG		SS18	
	75-15-0	Carbon disulfide	5	U	UG/KG		SS18	
	75-09-2	Methylene chloride	25	B	UG/KG		SS18	
	75-01-4	Vinyl chloride	11	U	UG/KG		SS18	
	75-00-3	Chloroethane	11	U	UG/KG		SS18	
	67-66-3	Chloroform	5	U	UG/KG		SS18	
	67-64-1	Acetone	47	B	UG/KG		SS18	
	57-12-5	Cyanide	.55	U	MG/KG	WW 037	SS18	

APPENDIX A
ANALYTICAL RESULTS

SAMPLE NUMBER	PARAMETER CODE	COMPOUND/ANALYTE	RESULTS	QUALIFIER	UNITS	PRODUCT CODE	SAMPLE LOCATION	FLAG
J.	58-89-9	gamma-BHC (Lindane)	8.8	U	UG/KG	GC 725	SS18	TRG
	50-32-8	Benzo(a)pyrene	720	U	UG/KG	ME 705	SS18	
	56-55-3	Benzo(a)anthracene	720	U	UG/KG		SS18	
	108-95-2	Phenol	720	U	UG/KG		SS18	
	111-44-4	bis(2-Chloroethyl)ether	720	U	UG/KG		SS18	
	111-91-1	bis(2-Chloroethoxy)methane	720	U	UG/KG		SS18	
	117-84-0	Di-n-octyl phthalate	720	U	UG/KG		SS18	
	118-74-1	Hexachlorobenzene	720	U	UG/KG		SS18	
	120-12-7	Anthracene	720	U	UG/KG		SS18	
	120-83-2	2,4-Dichlorophenol	720	U	UG/KG		SS18	
	121-14-2	2,4-Dinitrotoluene	720	U	UG/KG		SS18	
	120-82-1	1,2,4-Trichlorobenzene	720	U	UG/KG		SS18	
	117-81-7	bis(2-Ethylhexyl) phthalate	470	BJ	UG/KG		SS18	
	129-00-0	Pyrene	720	U	UG/KG		SS18	
	131-11-3	Dimethyl phthalate	720	U	UG/KG		SS18	
	83-32-9	Acenaphthene	720	U	UG/KG		SS18	
	88-06-2	2,4,6-Trichlorophenol	720	U	UG/KG		SS18	
	88-74-4	2-Nitroaniline	3500	U	UG/KG		SS18	
	88-75-5	2-Nitrophenol	720	U	UG/KG		SS18	
	91-57-6	2-Methylnaphthalene	720	U	UG/KG		SS18	
	91-58-7	2-Chloronaphthalene	720	U	UG/KG		SS18	
	132-64-9	Dibenzofuran	720	U	UG/KG		SS18	
	191-24-2	Benzo(g,h,i)perylene	720	U	UG/KG		SS18	
	91-94-1	3,3'-Dichlorobenzidine	1400	U	UG/KG		SS18	
	95-48-7	2-Methylphenol	720	U	UG/KG		SS18	
	95-50-1	1,2-Dichlorobenzene	720	U	UG/KG		SS18	
	193-39-5	Indeno(1,2,3-cd)pyrene	720	U	UG/KG		SS18	
	205-99-2	Benzo(b)fluoranthene	720	U	UG/KG		SS18	
	206-44-0	Fluoranthene	720	U	UG/KG		SS18	
	218-01-9	Chrysene	720	U	UG/KG		SS18	
	534-52-1	4,6-Dinitro-2-methylphenol	3500	U	UG/KG		SS18	
	541-73-1	1,3-Dichlorobenzene	720	U	UG/KG		SS18	
	606-20-2	2,6-Dinitrotoluene	720	U	UG/KG		SS18	
	621-64-7	N-Nitroso-di-n-propylamine	720	U	UG/KG		SS18	
	7005-72-3	4-Chlorophenylphenyl ether	720	U	UG/KG		SS18	
	208-96-8	Acenaphthylene	720	U	UG/KG		SS18	
	207-08-9	Benzo(k)fluoranthene	720	U	UG/KG		SS18	
	95-57-8	2-Chlorophenol	720	U	UG/KG		SS18	
	95-95-4	2,4,5-Trichlorophenol	3500	U	UG/KG		SS18	
	99-09-2	3-Nitroaniline	3500	U	UG/KG		SS18	
	IT0-001	% Moisture	9		% MOISTURE		SS18	
	100-01-6	4-Nitroaniline	3500	U	UG/KG		SS18	
	100-02-7	4-Nitrophenol	3500	U	UG/KG		SS18	
	100-51-6	Benzyl alcohol	720	U	UG/KG		SS18	
	101-55-3	4-Bromophenyl phenyl ether	720	U	UG/KG		SS18	
	105-67-9	2,4-Dimethylphenol	720	U	UG/KG		SS18	
	106-44-5	4-Methylphenol	720	U	UG/KG		SS18	
	106-46-7	1,4-Dichlorobenzene	720	U	UG/KG		SS18	
	108-60-1	bis(2-Chloroisopropyl)ether	720	U	UG/KG		SS18	
	106-47-8	4-Chloroaniline	720	U	UG/KG		SS18	
	98-95-3	Nitrobenzene	720	U	UG/KG		SS18	
	91-20-3	Naphthalene	720	U	UG/KG		SS18	
	84-66-2	Diethyl phthalate	720	U	UG/KG		SS18	
	84-74-2	Di-n-butyl phthalate	720	U	UG/KG		SS18	
	85-01-8	Phenanthrene	720	U	UG/KG		SS18	

3 10 00981

APPENDIX A
ANALYTICAL RESULTS

SAMPLE NUMB	PARAMETER CODE	COMPOUND/ANALYTE	RESULTS	QUALIFIER	UNITS	PRODUCT CODE	SAMPLE LOCATION	FLAG
	IT0-003	% Solids	90.5		% SOLIDS	AG 704	SS18	TRG
	7440-28-0	Thallium	.2	U	MG/KG		SS18	
	7782-49-2	Selenium	2	UW	MG/KG		SS18	
	7440-38-2	Arsenic	2	UW	MG/KG		SS18	
	7439-92-1	Lead	10.5		MG/KG		SS18	
	IT0-003	% Solids	90.5		% SOLIDS	AP 706	SS18	
	7440-09-7	Potassium	100	U	MG/KG		SS18	
	7440-22-4	Silver	5		MG/KG		SS18	
	7440-47-3	Chromium	7		MG/KG		SS18	
	7440-48-4	Cobalt	5	B	MG/KG		SS18	
	7440-62-2	Vanadium	16		MG/KG		SS18	
	7440-66-6	Zinc	14		MG/KG		SS18	
	7440-70-2	Calcium	671	B	MG/KG		SS18	
	7440-50-8	Copper	9		MG/KG		SS18	
	7440-23-5	Sodium	39	B	MG/KG		SS18	
	7440-36-0	Antimony	3	U	MG/KG		SS18	
	7440-39-3	Barium	190		MG/KG		SS18	
	7440-41-7	Beryllium	1.3		MG/KG		SS18	
	7440-43-9	Cadmium	.5	U	MG/KG		SS18	
	7440-02-0	Nickel	5	B	MG/KG		SS18	
	7439-96-5	Manganese	1190		MG/KG		SS18	
	7439-89-6	Iron	7370		MG/KG		SS18	
	7439-95-4	Magnesium	365	B	MG/KG		SS18	
	7429-90-5	Aluminum	13500		MG/KG		SS18	
	IT0-003	% Solids	90.5		% SOLIDS	AV 006	SS18	
	7439-97-6	Mercury	.03		MG/KG		SS18	
	50-29-3	4,4'-DDT	18	U	UG/KG	GC 723	SS18	
	72-55-9	4,4'-DDE	18	U	UG/KG		SS18	
	76-44-8	Heptachlor	8.8	U	UG/KG		SS18	
	5103-71-9	alpha-Chlordane	88	U	UG/KG		SS18	
	5103-74-2	gamma-Chlordane	88	U	UG/KG		SS18	
	8001-35-2	Toxaphene	180	U	UG/KG		SS18	
	11096-82-5	Aroclor-1260	180	U	UG/KG		SS18	
	11097-69-1	Aroclor-1254	180	U	UG/KG		SS18	
	11141-16-5	Aroclor-1232	88	U	UG/KG		SS18	
	12672-29-6	Aroclor-1248	88	U	UG/KG		SS18	
	12674-11-2	Aroclor-1016	88	U	UG/KG		SS18	
	33213-65-9	Endosulfan II	18	U	UG/KG		SS18	
	53469-21-9	Aroclor-1242	88	U	UG/KG		SS18	
	53494-70-5	Endrin ketone	18	U	UG/KG		SS18	
	11104-28-2	Aroclor-1221	88	U	UG/KG		SS18	
	309-00-2	Aldrin	8.8	U	UG/KG		SS18	
	319-84-6	alpha-BHC	8.8	U	UG/KG		SS18	
	319-85-7	beta-BHC	8.8	U	UG/KG		SS18	
	319-86-8	delta-BHC	8.8	U	UG/KG		SS18	
	959-98-8	Endosulfan-I	8.8	U	UG/KG		SS18	
	1024-57-3	Heptachlor epoxide	8.8	U	UG/KG		SS18	
	1031-07-8	Endosulfan sulfate	18	U	UG/KG		SS18	
	IT0-001	% Moisture	9		% MOISTURE		SS18	
	60-57-1	Dieldrin	18	U	UG/KG		SS18	
	72-54-8	4,4'-DDD	18	U	UG/KG		SS18	
	72-43-5	Methoxychlor	88	U	UG/KG		SS18	
	72-20-8	Endrin	18	U	UG/KG		SS18	

Mo Jul 2

3 10 00982

APPENDIX A
ANALYTICAL RESULTS

SAMPLE NUMBE	PARAMETER CODE	COMPOUND/ANALYTE	RESULTS	QUALIFIER	UNITS	PRODUCT CODE	SAMPLE LOCATION	FLAG
36	7439-96-5	Manganese	0		% RECOVERY	AP 706	SS18	S
	7440-41-7	Beryllium	96.4		% RECOVERY		SS18	
	7440-62-2	Vanadium	83.6		% RECOVERY		SS18	
	7440-66-6	Zinc	85.5		% RECOVERY		SS18	
	7440-43-9	Cadmium	89.1		% RECOVERY		SS18	
	7440-47-3	Chromium	90.9		% RECOVERY		SS18	
	7440-48-4	Cobalt	81.8		% RECOVERY		SS18	
	7440-50-8	Copper	89.3		% RECOVERY		SS18	
	7440-22-4	Silver	0	N	% RECOVERY		SS18	
	7440-39-3	Barium	90.5		% RECOVERY		SS18	
	7440-36-0	Antimony	40	N	% RECOVERY		SS18	
	7440-02-0	Nickel	94.5		% RECOVERY		SS18	
	7439-97-6	Mercury	100		% RECOVERY	AV 006	SS18	
	57-12-5	Cyanide	85.4		% RECOVERY	WW 037	SS18	

Thu Jul 20

3 10 00983

APPENDIX A
ANALYTICAL RESULTS

SAMPLE NUMBER	PARAMETER CODE	COMPOUND/ANALYTE	RESULTS	QUALIFIER	UNITS	PRODUCT CODE	SAMPLE LOCATION	FLAG
J-	50-29-3	4,4'-DDT	63		% RECOVERY	GC 723	SS18	MSD
	76-44-8	Heptachlor	84		% RECOVERY		SS18	
	309-00-2	Aldrin	73		% RECOVERY		SS18	
	60-57-1	Dieldrin	58		% RECOVERY		SS18	
	72-20-8	Endrin	71		% RECOVERY		SS18	
	58-89-9	gamma-BHC (Lindane)	116		% RECOVERY		SS18	
	59-50-7	4-Chloro-3-methylphenol	60		% RECOVERY	ME 705	SS18	
	129-00-0	Pyrene	76		% RECOVERY		SS18	
	621-64-7	N-Nitroso-di-n-propylamine	58		% RECOVERY		SS18	
	106-46-7	1,4-Dichlorobenzene	52		% RECOVERY		SS18	
	108-95-2	Phenol	59		% RECOVERY		SS18	
	120-82-1	1,2,4-Trichlorobenzene	61		% RECOVERY		SS18	
	121-14-2	2,4-Dinitrotoluene	53		% RECOVERY		SS18	
	87-86-5	Pentachlorophenol	53		% RECOVERY		SS18	
	100-02-7	4-Nitrophenol	41		% RECOVERY		SS18	
	95-57-8	2-Chlorophenol	60		% RECOVERY		SS18	
	83-32-9	Acenaphthene	67		% RECOVERY		SS18	
	71-43-2	Benzene	107		% RECOVERY	MV 705	SS18	
	79-01-6	Trichloroethene	106		% RECOVERY		SS18	
	108-90-7	Chlorobenzene	107		% RECOVERY		SS18	
	108-88-3	Toluene	106		% RECOVERY		SS18	
	75-35-4	1,1-Dichloroethene	124		% RECOVERY		SS18	

3 10 00984

APPENDIX A
ANALYTICAL RESULTS

AMPLE NBR	PARAMETER CODE	COMPOUND/ANALYTE	RESULTS	QUALIFIER	UNITS	PRODUCT CODE	SAMPLE LOCATION	FLAG
	50-29-3	4,4'-DDT	62		% RECOVERY	GC 723	SS18	MS
	309-00-2	Aldrin	79		% RECOVERY		SS18	
	72-20-8	Endrin	72		% RECOVERY		SS18	
	76-44-8	Heptachlor	90		% RECOVERY		SS18	
	60-57-1	Dieldrin	58		% RECOVERY		SS18	
	58-89-9	gamma-BHC (Lindane)	116		% RECOVERY		SS18	
	59-50-7	4-Chloro-3-methylphenol	72		% RECOVERY	ME 705	SS18	
	108-95-2	Phenol	72		% RECOVERY		SS18	
	120-82-1	1,2,4-Trichlorobenzene	70		% RECOVERY		SS18	
	121-14-2	2,4-Dinitrotoluene	65		% RECOVERY		SS18	
	621-64-7	N-Nitroso-di-n-propylamine	66		% RECOVERY		SS18	
	129-00-0	Pyrene	92		% RECOVERY		SS18	
	95-57-8	2-Chlorophenol	69		% RECOVERY		SS18	
	100-02-7	4-Nitrophenol	33		% RECOVERY		SS18	
	106-46-7	1,4-Dichlorobenzene	61		% RECOVERY		SS18	
	87-86-5	Pentachlorophenol	66		% RECOVERY		SS18	
	83-32-9	Acenaphthene	79		% RECOVERY		SS18	
	71-43-2	Benzene	106		% RECOVERY	MV 705	SS18	
	108-90-7	Chlorobenzene	107		% RECOVERY		SS18	
	79-01-6	Trichloroethene	102		% RECOVERY		SS18	
	108-88-3	Toluene	107		% RECOVERY		SS18	
	75-35-4	1,1-Dichloroethene	133		% RECOVERY		SS18	

APPENDIX A
ANALYTICAL RESULTS

SAMPLE NUMBER	PARAMETER CODE	COMPOUND/ANALYTE	RESULTS	QUALIFIER	UNITS	PRODUCT CODE	SAMPLE LOCATION	FLAG
[redacted]	ITO-003	% Solids	90.5		% SOLIDS	AG 704	SS18	D2
	7782-49-2	Selenium	2	U	MG/KG		SS18	
	7440-28-0	Thallium	2	U	MG/KG		SS18	
	7440-38-2	Arsenic	2	U	MG/KG		SS18	
	7439-92-1	Lead	10.5		MG/KG		SS18	

3 10 00986

APPENDIX A
ANALYTICAL RESULTS

SAMPLE NUME	PARAMETER CODE	COMPOUND/ANALYTE	RESULTS	QUALIFIER	UNITS	PRODUCT CODE	SAMPLE LOCATION	FLAG
	IT0-003	% Solids	90.5		% SOLIDS	AG 704	SS18	D1
	7782-49-2	Selenium	2	U	MG/KG		SS18	
	7440-28-0	Thallium	.5	U	MG/KG		SS18	
	7440-38-2	Arsenic	2	U	MG/KG		SS18	
	7439-92-1	Lead	11.8		MG/KG		SS18	
	IT0-003	% Solids	90.5		% SOLIDS	AG 704	SS18	
	7440-39-3	Barium	170		MG/KG		SS18	
	7440-43-9	Cadmium	.5	U	MG/KG		SS18	
	7440-48-4	Cobalt	5	B	MG/KG		SS18	
	7440-62-2	Vanadium	16		MG/KG		SS18	
	7440-70-2	Calcium	914	B	MG/KG		SS18	
	7440-66-6	Zinc	9		MG/KG		SS18	
	7440-50-8	Copper	5		MG/KG		SS18	
	7440-47-3	Chromium	7		MG/KG		SS18	
	7440-41-7	Beryllium	1.2		MG/KG		SS18	
	7440-36-0	Antimony	3	U	MG/KG		SS18	
	7439-96-5	Manganese	1280		MG/KG		SS18	
	7440-02-0	Nickel	5	B	MG/KG		SS18	
	7440-09-7	Potassium	230	B	MG/KG		SS18	
	7440-23-5	Sodium	48	B	MG/KG		SS18	
	7440-22-4	Silver	.5	U	MG/KG		SS18	
	7439-95-4	Magnesium	238	B	MG/KG		SS18	
	7439-89-6	Iron	7130		MG/KG		SS18	
	7429-90-5	Aluminum	9660		MG/KG		SS18	

3 10 00987

APPENDIX A
ANALYTICAL RESULTS

SAMPLE NUM	PARAMETER CODE	COMPOUND/ANALYTE	RESULTS	QUALIFIER	UNITS	PRODUCT CODE	SAMPLE LOCATION	FLAG
	ITO-003	% Solids	91.8		% SOLIDS	AV 006	SS18	D
	7439-97-6	Mercury	.03		MG/KG		SS18	
	57-12-5	Cyanide	.55	U	MG/KG	WW 077	SS18	

3 10 00988

APPENDIX A
ANALYTICAL RESULTS

SAMPLE NUMBER	PARAMETER CODE	COMPOUND/ANALYTE	RESULTS	QUALIFIER	UNITS	PRODUCT CODE	SAMPLE LOCATION	FLAG
J	56-23-5	Carbon Tetrachloride	680	U	UG/KG	MV 705	SS19	DL
	75-15-0	Carbon disulfide	680	U	UG/KG		SS19	
	75-25-2	Bromoform	680	U	UG/KG		SS19	
	100-41-4	Ethylbenzene	680	U	UG/KG		SS19	
	100-42-5	Styrene	680	U	UG/KG		SS19	
	107-06-2	1,2-Dichloroethane	680	U	UG/KG		SS19	
	108-05-4	Vinyl Acetate	1400	U	UG/KG		SS19	
	108-10-1	4-Methyl-2-pentanone	1400	U	UG/KG		SS19	
	108-88-3	Toluene	680	U	UG/KG		SS19	
	108-90-7	Chlorobenzene	680	U	UG/KG		SS19	
	124-48-1	Dibromochloromethane	680	U	UG/KG		SS19	
	127-18-4	Tetrachloroethene	680	U	UG/KG		SS19	
	540-59-0	1,2-Dichloroethylene	680	U	UG/KG		SS19	
	591-78-6	2-Hexanone	1400	U	UG/KG		SS19	
	1330-20-7	Total xylenes	680	U	UG/KG		SS19	
	10061-01-5	cis-1,3-Dichloropropene	680	U	UG/KG		SS19	
	10061-02-6	trans-1,3-Dichloropropene	680	U	UG/KG		SS19	
	75-27-4	Bromodichloromethane	680	U	UG/KG		SS19	
	75-34-3	1,1-Dichloroethane	680	U	UG/KG		SS19	
	78-87-5	1,2-Dichloropropane	680	U	UG/KG		SS19	
	78-93-3	2-Butanone	1400	U	UG/KG		SS19	
	79-00-5	1,1,2-Trichloroethane	680	U	UG/KG		SS19	
	79-01-6	Trichloroethene	680	U	UG/KG		SS19	
	79-34-5	1,1,2,2-Tetrachloroethane	680	U	UG/KG		SS19	
	ITO-001	% Moisture	8		% MOISTURE		SS19	
	75-35-4	1,1-Dichloroethene	680	U	UG/KG		SS19	
	75-09-2	Methylene chloride	360	DBJ	UG/KG		SS19	
	75-01-4	Vinyl chloride	1400	U	UG/KG		SS19	
	75-00-3	Chloroethane	1400	U	UG/KG		SS19	
	74-87-3	Chloromethane	1400	U	UG/KG		SS19	
	71-43-2	Benzene	680	U	UG/KG		SS19	
	71-55-6	1,1,1-Trichloroethane	680	U	UG/KG		SS19	
	74-83-9	Bromomethane	1400	U	UG/KG		SS19	
	67-66-3	Chloroform	680	U	UG/KG		SS19	
	67-64-1	Acetone	8000	DB	UG/KG		SS19	

3 10 00989

APPENDIX A
ANALYTICAL RESULTS

SAMPLE NUMBER	PARAMETER CODE	COMPOUND/ANALYTE	RESULTS	QUALIFIER	UNITS	PRODUCT CODE	SAMPLE LOCATION	FLAG
	58-89-9	gamma-BHC (Lindane)	8.8	U	UG/KG	GC 723	SS19	TRG
	50-32-8	Benzo(a)pyrene	1400	U	UG/KG	ME 705	SS19	
	59-50-7	4-Chloro-3-methylphenol	1400	U	UG/KG		SS19	
	108-60-1	bis(2-Chloroisopropyl)ether	1400	U	UG/KG		SS19	
	108-95-2	Phenol	1400	U	UG/KG		SS19	
	111-44-4	bis(2-Chloroethyl)ether	1400	U	UG/KG		SS19	
	111-91-1	bis(2-Chloroethoxy)methane	1400	U	UG/KG		SS19	
	117-81-7	bis(2-Ethylhexyl) phthalate	880	BJ	UG/KG		SS19	
	117-84-0	Di-n-octyl phthalate	240	J	UG/KG		SS19	
	120-82-1	1,2,4-Trichlorobenzene	1400	U	UG/KG		SS19	
	120-83-2	2,4-Dichlorophenol	1400	U	UG/KG		SS19	
	121-14-2	2,4-Dinitrotoluene	1400	U	UG/KG		SS19	
	131-11-3	Dimethyl phthalate	1400	U	UG/KG		SS19	
	132-64-9	Dibenzofuran	1400	U	UG/KG		SS19	
	191-24-2	Benzo(g,h,i)perylene	1400	U	UG/KG		SS19	
	205-99-2	Benzo(b)fluoranthene	1400	U	UG/KG		SS19	
	206-44-0	Fluoranthene	1400	U	UG/KG		SS19	
	207-08-9	Benzo(k)fluoranthene	1400	U	UG/KG		SS19	
	218-01-9	Chrysene	1400	U	UG/KG		SS19	
	534-52-1	4,6-Dinitro-2-methylphenol	7000	U	UG/KG		SS19	
	541-73-1	1,3-Dichlorobenzene	1400	U	UG/KG		SS19	
	621-64-7	N-Nitroso-di-n-propylamine	1400	U	UG/KG		SS19	
	7005-72-3	4-Chlorophenylphenyl ether	1400	U	UG/KG		SS19	
	606-20-2	2,6-Dinitrotoluene	1400	U	UG/KG		SS19	
	208-96-8	Acenaphthylene	1400	U	UG/KG		SS19	
	193-39-5	Indeno(1,2,3-cd)pyrene	1400	U	UG/KG		SS19	
	129-00-0	Pyrene	1400	U	UG/KG		SS19	
	120-12-7	Anthracene	1400	U	UG/KG		SS19	
	118-74-1	Hexachlorobenzene	1400	U	UG/KG		SS19	
	88-74-4	2-Nitroaniline	7000	U	UG/KG		SS19	
	88-75-5	2-Nitrophenol	1400	U	UG/KG		SS19	
	91-20-3	Naphthalene	1400	U	UG/KG		SS19	
	91-58-7	2-Chloronaphthalene	1400	U	UG/KG		SS19	
	91-57-6	2-Methylnaphthalene	1400	U	UG/KG		SS19	
	91-94-1	3,3'-Dichlorobenzidine	2900	U	UG/KG		SS19	
	95-48-7	2-Methylphenol	1400	U	UG/KG		SS19	
	95-50-1	1,2-Dichlorobenzene	1400	U	UG/KG		SS19	
	95-57-8	2-Chlorophenol	1400	U	UG/KG		SS19	
	95-95-4	2,4,5-Trichlorophenol	7000	U	UG/KG		SS19	
	98-95-3	Nitrobenzene	1400	U	UG/KG		SS19	
	99-09-2	3-Nitroaniline	7000	U	UG/KG		SS19	
	IT0-001	% Moisture	9		% RECOVERY		SS19	
	100-01-6	4-Nitroaniline	7000	U	UG/KG		SS19	
	100-02-7	4-Nitrophenol	7000	U	UG/KG		SS19	
	101-55-3	4-Bromophenyl phenyl ether	1400	U	UG/KG		SS19	
	105-67-9	2,4-Dimethylphenol	1400	U	UG/KG		SS19	
	106-44-5	4-Methylphenol	1400	U	UG/KG		SS19	
	106-46-7	1,4-Dichlorobenzene	1400	U	UG/KG		SS19	
	106-47-8	4-Chloroaniline	1400	U	UG/KG		SS19	
	100-51-6	Benzyl alcohol	1400	U	UG/KG		SS19	
	65-85-0	Benzoic acid	620	J	UG/KG		SS19	
	67-72-1	Hexachloroethane	1400	U	UG/KG		SS19	
	77-47-4	Hexachlorocyclopentadiene	1400	U	UG/KG		SS19	
	86-30-6	N-Nitrosodiphenylamine	1400	U	UG/KG		SS19	
	86-73-7	Fluorene	1400	U	UG/KG		SS19	

APPENDIX A
ANALYTICAL RESULTS

3 10 00990

SAMPLE NUMBER	PARAMETER CODE	COMPOUND/ANALYTE	RESULTS	QUALIFIER	UNITS	PRODUCT CODE	SAMPLE LOCATION	FLAG
[redacted]	85-68-7	Butyl benzyl phthalate	1400	U	UG/KG	ME 705	SS19	TRG
	88-06-2	2,4,6-Trichlorophenol	1400	U	UG/KG		SS19	
	87-86-5	Pentachlorophenol	7000	U	UG/KG		SS19	
	87-68-3	Hexachlorobutadiene	1400	U	UG/KG		SS19	
	78-59-1	Isophorone	1400	U	UG/KG		SS19	
	85-01-8	Phenanthrene	1400	U	UG/KG		SS19	
	84-74-2	Di-n-butyl phthalate	1400	U	UG/KG		SS19	
	84-66-2	Diethyl phthalate	1400	U	UG/KG		SS19	
	83-32-9	Acenaphthene	1400	U	UG/KG		SS19	
	53-70-3	Dibenzo[a,h]anthracene	1400	U	UG/KG		SS19	
	56-55-3	Benzo[a]anthracene	1400	U	UG/KG		SS19	
	51-28-5	2,4-Dinitrophenol	7000	U	UG/KG		SS19	
	56-23-5	Carbon Tetrachloride	5	U	UG/KG	MV 705	SS19	
	67-66-3	Chloroform	5	U	UG/KG		SS19	
	71-43-2	Benzene	5	U	UG/KG		SS19	
	100-41-4	Ethylbenzene	5	U	UG/KG		SS19	
	100-42-5	Styrene	5	U	UG/KG		SS19	
	107-06-2	1,2-Dichloroethane	5	U	UG/KG		SS19	
	108-10-1	4-Methyl-2-pentanone	11	U	UG/KG		SS19	
	108-88-3	Toluene	2	J	UG/KG		SS19	
	108-90-7	Chlorobenzene	5	U	UG/KG		SS19	
	124-48-1	Dibromochloromethane	5	U	UG/KG		SS19	
	127-18-4	Tetrachloroethene	5	U	UG/KG		SS19	
	108-05-4	Vinyl Acetate	11	U	UG/KG		SS19	
	540-59-0	1,2-Dichloroethylene	5	U	UG/KG		SS19	
	591-78-6	2-Hexanone	11	U	UG/KG		SS19	
	1330-20-7	Total xylenes	5	U	UG/KG		SS19	
	10061-01-5	cis-1,3-Dichloropropene	5	U	UG/KG		SS19	
	10061-02-6	trans-1,3-Dichloropropene	5	U	UG/KG		SS19	
	75-27-4	Bromodichloromethane	5	U	UG/KG		SS19	
	75-34-3	1,1-Dichloroethane	5	U	UG/KG		SS19	
	75-35-4	1,1-Dichloroethene	5	U	UG/KG		SS19	
	78-87-5	1,2-Dichloropropane	5	U	UG/KG		SS19	
	79-00-5	1,1,2-Trichloroethane	5	U	UG/KG		SS19	
	79-01-6	Trichloroethene	5	U	UG/KG		SS19	
	79-34-5	1,1,2,2-Tetrachloroethane	5	U	UG/KG		SS19	
	IT0-001	% Moisture	8		% MOISTURE		SS19	
	78-93-3	2-Butanone	11	U	UG/KG		SS19	
	75-25-2	Bromoform	5	U	UG/KG		SS19	
	75-15-0	Carbon disulfide	5	U	UG/KG		SS19	
	75-09-2	Methylene chloride	20	B	UG/KG		SS19	
	75-01-4	Vinyl chloride	11	U	UG/KG		SS19	
	75-00-3	Chloroethane	11	U	UG/KG		SS19	
	74-87-3	Chloromethane	11	U	UG/KG		SS19	
	74-83-9	Bromomethane	11	U	UG/KG		SS19	
	71-55-6	1,1,1-Trichloroethane	5	U	UG/KG		SS19	
	67-64-1	Acetone	2600	EB	UG/KG		SS19	
[redacted]	57-12-5	Cyanide	.54	U	MG/KG	WW 037	SS19	

3 10 00991

APPENDIX A
ANALYTICAL RESULTS

SAMPLE NUMB	PARAMETER CODE	COMPOUND/ANALYTE	RESULTS	QUALIFIER	UNITS	PRODUCT CODE	SAMPLE LOCATION	FLAG
	IT0-003	% Solids	91.7		% SOLIDS	AG 704	SS19	TRG
	7440-38-2	Arsenic	2	UW	MG/KG		SS19	
	7782-49-2	Selenium	2	U	MG/KG		SS19	
	7440-28-0	Thallium	.2	U	MG/KG		SS19	
	7439-92-1	Lead	16.8		MG/KG		SS19	
	IT0-003	% Solids	91.7		% SOLIDS	AP 706	SS19	
	7439-95-4	Magnesium	170	B	MG/KG		SS19	
	7440-39-3	Barium	69.3		MG/KG		SS19	
	7440-41-7	Beryllium	.8	B	MG/KG		SS19	
	7440-43-9	Cadmium	.7	B	MG/KG		SS19	
	7440-47-3	Chromium	19		MG/KG		SS19	
	7440-48-4	Cobalt	2	U	MG/KG		SS19	
	7440-50-8	Copper	20		MG/KG		SS19	
	7440-62-2	Vanadium	7	B	MG/KG		SS19	
	7440-66-6	Zinc	19		MG/KG		SS19	
	7440-70-2	Calcium	93	B	MG/KG		SS19	
	7440-36-0	Antimony	3	U	MG/KG		SS19	
	7439-96-5	Manganese	229		MG/KG		SS19	
	7440-23-5	Sodium	20	U	MG/KG		SS19	
	7440-22-4	Silver	.5	U	MG/KG		SS19	
	7440-09-7	Potassium	100	U	MG/KG		SS19	
	7440-02-0	Nickel	3	B	MG/KG		SS19	
	7439-89-6	Iron	4310		MG/KG		SS19	
	7429-90-5	Aluminum	4560		MG/KG		SS19	
	IT0-003	% Solids	91.7		% SOLIDS	AV 006	SS19	
	7439-97-6	Mercury	3.6		MG/KG		SS19	
	50-29-3	4,4'-DDT	18	U	UG/KG	GC 723	SS19	
	72-20-8	Endrin	18	U	UG/KG		SS19	
	11096-82-5	Aroclor-1260	180	U	UG/KG		SS19	
	11097-69-1	Aroclor-1254	180	U	UG/KG		SS19	
	11104-28-2	Aroclor-1221	99	U	UG/KG		SS19	
	11141-16-5	Aroclor-1232	88	U	UG/KG		SS19	
	12674-11-2	Aroclor-1016	88	U	UG/KG		SS19	
	33213-65-9	Endosulfan II	18	U	UG/KG		SS19	
	53469-21-9	Aroclor-1242	88	U	UG/KG		SS19	
	53494-70-5	Endrin ketone	18	U	UG/KG		SS19	
	12672-29-6	Aroclor-1248	88	U	UG/KG		SS19	
	72-43-5	Methoxychlor	88	U	UG/KG		SS19	
	72-54-8	4,4'-DDD	37		UG/KG		SS19	
	959-98-8	Endosulfan-I	8.8	U	UG/KG		SS19	
	1024-57-3	Heptachlor epoxide	8.8	U	UG/KG		SS19	
	1031-07-8	Endosulfan sulfate	18	U	UG/KG		SS19	
	5103-71-9	alpha-Chlordane	88	U	UG/KG		SS19	
	5103-74-2	gamma-Chlordane	88	U	UG/KG		SS19	
	8001-35-2	Toxaphene	180	U	UG/KG		SS19	
	319-86-8	delta-BHC	8.8	U	UG/KG		SS19	
	319-85-7	beta-BHC	8.8	U	UG/KG		SS19	
	72-55-9	4,4'-DDE	18	U	UG/KG		SS19	
	319-84-6	alpha-BHC	8.8	U	UG/KG		SS19	
	309-00-2	Aldrin	8.8	U	UG/KG		SS19	
	IT0-001	% Moisture	9		% MOISTURE		SS19	
	76-44-8	Heptachlor	8.8	U	UG/KG		SS19	
	60-57-1	Dieldrin	18	U	UG/KG		SS19	

APPENDIX A
ANALYTICAL RESULTS

3 10 00992

SAMPLE NUM	PARAMETER CODE	COMPOUND/ANALYTE	RESULTS	QUALIFIER	UNITS	PRODUCT CODE	SAMPLE LOCATION	FLAG
	ITO-003	% Solids	90.6		MG/KG	AG 704	SS20	TRG
	7440-38-2	Arsenic	2.3		MG/KG		SS20	
	7782-49-2	Selenium	3		MG/KG		SS20	
	7440-28-0	Thallium	.2	U	MG/KG		SS20	
	7439-92-1	Lead	36		MG/KG		SS20	
	ITO-003	% Solids	90.6		% SOLIDS	AP 706	SS20	
	7440-62-2	Vanadium	9	B	MG/KG		SS20	
	7440-66-6	Zinc	35		MG/KG		SS20	
	7440-70-2	Calcium	107	B	MG/KG		SS20	
	7440-02-0	Nickel	4	B	MG/KG		SS20	
	7440-09-7	Potassium	100	U	MG/KG		SS20	
	7440-41-7	Beryllium	.7	B	MG/KG		SS20	
	7440-43-9	Cadmium	.7	B	MG/KG		SS20	
	7440-47-3	Chromium	23		MG/KG		SS20	
	7440-48-4	Cobalt	3	B	MG/KG		SS20	
	7440-50-8	Copper	30		MG/KG		SS20	
	7440-39-3	Barium	108		MG/KG		SS20	
	7440-22-4	Silver	.5	U	MG/KG		SS20	
	7440-36-0	Antimony	3	U	MG/KG		SS20	
	7440-23-5	Sodium	20	U	MG/KG		SS20	
	7439-95-4	Magnesium	203		MG/KG		SS20	
	7439-96-5	Manganese	807		MG/KG		SS20	
	7439-89-6	Iron	9810		MG/KG		SS20	
	7429-90-5	Aluminum	5670		MG/KG		SS20	
	ITO-003	% Solids	90.6		% SOLIDS	AV 006	SS20	
	7439-97-6	Mercury	.43		MG/KG		SS20	
	50-29-3	4,4'-DDT	180		UG/KG	GC 723	SS20	
	72-20-8	Endrin	17	U	UG/KG		SS20	
	72-43-5	Methoxychlor	87	U	UG/KG		SS20	
	319-86-8	delta-BHC	8.7	U	UG/KG		SS20	
	959-98-8	Endosulfan-I	8.7	U	UG/KG		SS20	
	12672-29-6	Aroclor-1248	87	U	UG/KG		SS20	
	12674-11-2	Aroclor-1016	87	U	UG/KG		SS20	
	33213-65-9	Endosulfan II	51		UG/KG		SS20	
	53469-21-9	Aroclor-1242	87	U	UG/KG		SS20	
	53494-70-5	Endrin ketone	17	U	UG/KG		SS20	
	1024-57-3	Heptachlor epoxide	8.7	U	UG/KG		SS20	
	1031-07-8	Endosulfan sulfate	17	U	UG/KG		SS20	
	5103-71-9	alpha-Chlordane	87	U	UG/KG		SS20	
	5103-74-2	gamma-Chlordane	87	U	UG/KG		SS20	
	8001-35-2	Toxaphene	170	U	UG/KG		SS20	
	11096-82-5	Aroclor-1260	170	U	UG/KG		SS20	
	11097-69-1	Aroclor-1254	170	U	UG/KG		SS20	
	11104-28-2	Aroclor-1221	99	U	UG/KG		SS20	
	11141-16-5	Aroclor-1232	87	U	UG/KG		SS20	
	319-85-7	beta-BHC	19	U	UG/KG		SS20	
	72-54-8	4,4'-DDD	17	U	UG/KG		SS20	
	72-55-9	4,4'-DDE	42		UG/KG		SS20	
	319-84-6	alpha-BHC	8.7	U	UG/KG		SS20	
	309-00-2	Aldrin	8.7	U	UG/KG		SS20	
	ITO-001	% Moisture	8		% MOISTURE		SS20	
	76-44-8	Heptachlor	8.7	U	UG/KG		SS20	
	60-57-1	Dieldrin	52		UG/KG		SS20	

APPENDIX A
ANALYTICAL RESULTS

3 10 00993

SAMPLE NUM	PARAMETER CODE	COMPOUND/ANALYTE	RESULTS	QUALIFIER	UNITS	PRODUCT CODE	SAMPLE LOCATION	FLAG
-	58-89-9	gamma-BHC (Lindane)	8.7	U	UG/KG	GC 723	SS20	TRG
	50-32-8	Benzo(a)pyrene	1400	U	UG/KG	ME 705	SS20	
	111-91-1	bis(2-Chloroethoxy)methane	1400	U	UG/KG		SS20	
	117-81-7	bis(2-Ethylhexyl) phthalate	1100	BJ	UG/KG		SS20	
	117-84-0	Di-n-octyl phthalate	1400	U	UG/KG		SS20	
	87-86-5	Pentachlorophenol	7000	U	UG/KG		SS20	
	88-06-2	2,4,6-Trichlorophenol	1400	U	UG/KG		SS20	
	118-74-1	Hexachlorobenzene	1400	U	UG/KG		SS20	
	120-12-7	Anthracene	1400	U	UG/KG		SS20	
	88-74-4	2-Nitroaniline	7000	U	UG/KG		SS20	
	88-75-5	2-Nitrophenol	1400	U	UG/KG		SS20	
	120-82-1	1,2,4-Trichlorobenzene	1400	U	UG/KG		SS20	
	120-83-2	2,4-Dichlorophenol	1400	U	UG/KG		SS20	
	121-14-2	2,4-Dinitrotoluene	1400	U	UG/KG		SS20	
	131-11-3	Dimethyl phthalate	1400	U	UG/KG		SS20	
	129-00-0	Pyrene	1400	U	UG/KG		SS20	
	91-57-6	2-Methylnaphthalene	1400	U	UG/KG		SS20	
	132-64-9	Dibenzofuran	1400	U	UG/KG		SS20	
	191-24-2	Benzo(g,h,i)perylene	1400	U	UG/KG		SS20	
	193-39-5	Indeno(1,2,3-cd)pyrene	1400	U	UG/KG		SS20	
	205-99-2	Benzo(b)fluoranthene	1400	U	UG/KG		SS20	
	206-44-0	Fluoranthene	1400	U	UG/KG		SS20	
	207-08-9	Benzo(k)fluoranthene	1400	U	UG/KG		SS20	
	91-58-7	2-Chloronaphthalene	1400	U	UG/KG		SS20	
	91-94-1	3,3'-Dichlorobenzidine	2900	U	UG/KG		SS20	
	95-48-7	2-Methylphenol	1400	U	UG/KG		SS20	
	208-96-8	Acenaphthylene	1400	U	UG/KG		SS20	
	218-01-9	Chrysene	1400	U	UG/KG		SS20	
	534-52-1	4,6-Dinitro-2-methylphenol	7000	U	UG/KG		SS20	
	541-73-1	1,3-Dichlorobenzene	1400	U	UG/KG		SS20	
	606-20-2	2,6-Dinitrotoluene	1400	U	UG/KG		SS20	
	95-57-8	2-Chlorophenol	1400	U	UG/KG		SS20	
	95-50-1	1,2-Dichlorobenzene	1400	U	UG/KG		SS20	
	95-95-4	2,4,5-Trichlorophenol	7000	U	UG/KG		SS20	
	621-64-7	N-Nitroso-di-n-propylamine	1400	U	UG/KG		SS20	
	7005-72-3	4-Chlorophenylphenyl ether	1400	U	UG/KG		SS20	
	98-95-3	Nitrobenzene	1400	U	UG/KG		SS20	
	99-09-2	3-Nitroaniline	7000	U	UG/KG		SS20	
	IT0-001	% Moisture	8		% MOISTURE		SS20	
	100-01-6	4-Nitroaniline	7000	U	UG/KG		SS20	
	100-02-7	4-Nitrophenol	7000	U	UG/KG		SS20	
	100-51-6	Benzyl alcohol	1400	U	UG/KG		SS20	
	106-44-5	4-Methylphenol	1400	U	UG/KG		SS20	
	106-46-7	1,4-Dichlorobenzene	1400	U	UG/KG		SS20	
	106-47-8	4-Chloroaniline	1400	U	UG/KG		SS20	
	108-60-1	bis(2-Chloroisopropyl)ether	1400	U	UG/KG		SS20	
	111-44-4	bis(2-Chloroethyl)ether	1400	U	UG/KG		SS20	
	108-95-2	Phenol	1400	U	UG/KG		SS20	
	105-67-9	2,4-Dimethylphenol	1400	U	UG/KG		SS20	
	101-55-3	4-Bromophenyl phenyl ether	1400	U	UG/KG		SS20	
	91-20-3	Naphthalene	1400	U	UG/KG		SS20	
	56-55-3	Benzo(a)anthracene	1400	U	UG/KG		SS20	
	59-50-7	4-Chloro-3-methylphenol	1400	U	UG/KG		SS20	
	84-74-2	Di-n-butyl phthalate	1400	U	UG/KG		SS20	
	85-01-8	Phenanthrene	1400	U	UG/KG		SS20	

APPENDIX A
ANALYTICAL RESULTS

3 10 00994

SAMPLE NUM	PARAMETER CODE	COMPOUND/ANALYTE	RESULTS	QUALIFIER	UNITS	PRODUCT CODE	SAMPLE LOCATION	FLAG
J	85-68-7	Butyl benzyl phthalate	1400	U	UG/KG	ME 705	SS20	TRG
	86-30-6	N-Nitrosodiphenylamine	1400	U	UG/KG		SS20	
	87-68-3	Hexachlorobutadiene	1400	U	UG/KG		SS20	
	86-73-7	Fluorene	1400	U	UG/KG		SS20	
	84-66-2	Diethyl phthalate	1400	U	UG/KG		SS20	
	83-32-9	Acenaphthene	1400	U	UG/KG		SS20	
	65-85-0	Benzoic acid	730	J	UG/KG		SS20	
	78-59-1	Isophorone	1400	U	UG/KG		SS20	
	77-47-4	Hexachlorocyclopentadiene	1400	U	UG/KG		SS20	
	67-72-1	Hexachloroethane	1400	U	UG/KG		SS20	
	53-70-3	Dibenzo(a,h)anthracene	1400	U	UG/KG		SS20	
	51-28-5	2,4-Dinitrophenol	7000	U	UG/KG		SS20	
	56-23-5	Carbon Tetrachloride	5	U	UG/KG	MV 705	SS20	
	67-66-3	Chloroform	5	U	UG/KG		SS20	
	75-25-2	Bromoform	5	U	UG/KG		SS20	
	75-27-4	Bromodichloromethane	5	U	UG/KG		SS20	
	100-42-5	Styrene	5	U	UG/KG		SS20	
	107-06-2	1,2-Dichloroethane	5	U	UG/KG		SS20	
	108-05-4	Vinyl Acetate	11	U	UG/KG		SS20	
	108-10-1	4-Methyl-2-pentanone	11	U	UG/KG		SS20	
	108-90-7	Chlorobenzene	5	U	UG/KG		SS20	
	108-88-3	Toluene	1	J	UG/KG		SS20	
	124-48-1	Dibromochloromethane	5	U	UG/KG		SS20	
	127-18-4	Tetrachloroethene	5	U	UG/KG		SS20	
	540-59-0	1,2-Dichloroethylene	5	U	UG/KG		SS20	
	591-78-6	2-Hexanone	11	U	UG/KG		SS20	
	1330-20-7	Total xylenes	5	U	UG/KG		SS20	
	10061-01-5	cis-1,3-Dichloropropene	5	U	UG/KG		SS20	
	10061-02-6	trans-1,3-Dichloropropene	5	U	UG/KG		SS20	
	75-34-3	1,1-Dichloroethane	5	U	UG/KG		SS20	
	75-35-4	1,1-Dichloroethene	5	U	UG/KG		SS20	
	78-87-5	1,2-Dichloropropane	5	U	UG/KG		SS20	
	78-93-3	2-Butanone	11	U	UG/KG		SS20	
	79-00-5	1,1,2-Trichloroethane	5	U	UG/KG		SS20	
	79-01-6	Trichloroethene	5	U	UG/KG		SS20	
	79-34-5	1,1,2,2-Tetrachloroethane	5	U	UG/KG		SS20	
	100-41-4	Ethylbenzene	5	U	UG/KG		SS20	
	IT0-001	% Moisture	8		% MOISTURE		SS20	
	75-15-0	Carbon disulfide	5	U	UG/KG		SS20	
	75-09-2	Methylene chloride	18	B	UG/KG		SS20	
	75-01-4	Vinyl chloride	11	U	UG/KG		SS20	
	75-00-3	Chloroethane	11	U	UG/KG		SS20	
	74-87-3	Chloromethane	11	U	UG/KG		SS20	
	74-83-9	Bromomethane	11	U	UG/KG		SS20	
	71-55-6	1,1,1-Trichloroethane	5	U	UG/KG		SS20	
	71-43-2	Benzene	5	U	UG/KG		SS20	
	67-64-1	Acetone	59	B	UG/KG		SS20	
	57-12-5	Cyanide	.85		MG/KG	WW 037	SS20	

APPENDIX A
ANALYTICAL RESULTS

3 10 00995

AMPLE UMBE	PARAMETER CODE	COMPOUND/ANALYTE	RESULTS	QUALIFIER	UNITS	PRODUCT CODE	SAMPLE LOCATION	FLAG
0	IT0-003	% Solids	92.1		% SOLIDS	AG 704	SS19	TRG
	7782-49-2	Selenium	2	UW	MG/KG		SS19	
	7440-28-0	Thallium	.2	U	MG/KG		SS19	
	7440-38-2	Arsenic	.9	B	MG/KG		SS19	
	7439-92-1	Lead	8		MG/KG		SS19	
	IT0-003	% Solids	92.1		% SOLIDS	AP 706	SS19	
	7440-39-3	Barium	71.9		MG/KG		SS19	
	7440-43-9	Cadmium	.5	U	MG/KG		SS19	
	7440-47-3	Chromium	19		MG/KG		SS19	
	7440-48-4	Cobalt	2	B	MG/KG		SS19	
	7440-41-7	Beryllium	.5	B	MG/KG		SS19	
	7440-62-2	Vanadium	7	B	MG/KG		SS19	
	7440-66-6	Zinc	20		MG/KG		SS19	
	7440-70-2	Calcium	100	B	MG/KG		SS19	
	7440-50-8	Copper	19		MG/KG		SS19	
	7440-36-0	Antimony	3	U	MG/KG		SS19	
	7439-89-6	Iron	4450		MG/KG		SS19	
	7440-23-5	Sodium	20	U	MG/KG		SS19	
	7440-22-4	Silver	.5	U	MG/KG		SS19	
	7440-09-7	Potassium	100	U	MG/KG		SS19	
	7440-02-0	Nickel	3	B	MG/KG		SS19	
	7439-96-5	Manganese	249		MG/KG		SS19	
	7439-95-4	Magnesium	166	B	MG/KG		SS19	
	7429-90-5	Aluminum	4970		MG/KG		SS19	
	IT0-003	% Solids	92.1		% SOLIDS	AV 006	SS19	
	7439-97-6	Mercury	3.4		MG/KG		SS19	
	50-29-3	4,4'-DDT	17	U	UG/KG	GC 723	SS19	
	8001-35-2	Toxaphene	170	U	UG/KG		SS19	
	11096-82-5	Aroclor-1260	170	U	UG/KG		SS19	
	11097-69-1	Aroclor-1254	170	U	UG/KG		SS19	
	11104-28-2	Aroclor-1221	98	U	UG/KG		SS19	
	12672-29-6	Aroclor-1248	87	U	UG/KG		SS19	
	11141-16-5	Aroclor-1232	87	U	UG/KG		SS19	
	12674-11-2	Aroclor-1016	87	U	UG/KG		SS19	
	33213-65-9	Endosulfan II	17	U	UG/KG		SS19	
	53469-21-9	Aroclor-1242	87	U	UG/KG		SS19	
	53494-70-5	Endrin ketone	17	U	UG/KG		SS19	
	72-20-8	Endrin	17	U	UG/KG		SS19	
	72-43-5	Methoxychlor	87	U	UG/KG		SS19	
	319-86-8	delta-BHC	8.7	U	UG/KG		SS19	
	959-98-8	Endosulfan-I	8.7	U	UG/KG		SS19	
	1024-57-3	Heptachlor epoxide	8.7	U	UG/KG		SS19	
	1031-07-8	Endosulfan sulfate	17	U	UG/KG		SS19	
	5103-71-9	alpha-Chlordane	87	U	UG/KG		SS19	
	5103-74-2	gamma-Chlordane	87	U	UG/KG		SS19	
	319-85-7	beta-BHC	8.7	U	UG/KG		SS19	
	319-84-6	alpha-BHC	8.7	U	UG/KG		SS19	
	72-54-8	4,4'-DDD	46		UG/KG		SS19	
	309-00-2	Aldrin	8.7	U	UG/KG		SS19	
	IT0-001	% Moisture	8		% MOISTURE		SS19	
	76-44-8	Heptachlor	8.7	U	UG/KG		SS19	
	72-55-9	4,4'-DDE	17	U	UG/KG		SS19	
	60-57-1	Dieldrin	17	U	UG/KG		SS19	

3 10 00996

APPENDIX A
ANALYTICAL RESULTS

SAMPLE NUMBER	PARAMETER CODE	COMPOUND/ANALYTE	RESULTS	QUALIFIER	UNITS	PRODUCT CODE	SAMPLE LOCATION	FLAG
J	58-89-9	gamma-BHC (Lindane)	8.7	U	UG/KG	GC 723	SS19	TRG
	50-32-8	Benzo(a)pyrene	1400	U	UG/KG	ME 705	SS19	
	56-55-3	Benzo(a)anthracene	1400	U	UG/KG		SS19	
	59-50-7	4-Chloro-3-methylphenol	1400	U	UG/KG		SS19	
	106-46-7	1,4-Dichlorobenzene	1400	U	UG/KG		SS19	
	106-47-8	4-Chloroaniline	1400	U	UG/KG		SS19	
	108-60-1	bis(2-Chloroisopropyl)ether	1400	U	UG/KG		SS19	
	111-44-4	bis(2-Chloroethyl)ether	1400	U	UG/KG		SS19	
	108-95-2	Phenol	1400	U	UG/KG		SS19	
	65-85-0	Benzoic acid	6900	U	UG/KG		SS19	
	86-73-7	Fluorene	1400	U	UG/KG		SS19	
	111-91-1	bis(2-Chloroethoxy)methane	1400	U	UG/KG		SS19	
	117-81-7	bis(2-Ethylhexyl) phthalate	960	BJ	UG/KG		SS19	
	117-84-0	Di-n-octyl phthalate	340	J	UG/KG		SS19	
	118-74-1	Hexachlorobenzene	1400	U	UG/KG		SS19	
	120-12-7	Anthracene	1400	U	UG/KG		SS19	
	120-83-2	2,4-Dichlorophenol	1400	U	UG/KG		SS19	
	121-14-2	2,4-Dinitrotoluene	1400	U	UG/KG		SS19	
	129-00-0	Pyrene	1400	U	UG/KG		SS19	
	132-64-9	Dibenzofuran	1400	U	UG/KG		SS19	
	191-24-2	Benzo(g,h,i)perylene	1400	U	UG/KG		SS19	
	193-39-5	Indeno(1,2,3-cd)pyrene	1400	U	UG/KG		SS19	
	206-44-0	Fluoranthene	1400	U	UG/KG		SS19	
	207-08-9	Benzo(k)fluoranthene	1400	U	UG/KG		SS19	
	208-96-8	Acenaphthylene	1400	U	UG/KG		SS19	
	534-52-1	4,6-Dinitro-2-methylphenol	6900	U	UG/KG		SS19	
	541-73-1	1,3-Dichlorobenzene	1400	U	UG/KG		SS19	
	606-20-2	2,6-Dinitrotoluene	1400	U	UG/KG		SS19	
	7005-72-3	4-Chlorophenylphenyl ether	1400	U	UG/KG		SS19	
	621-64-7	N-Nitroso-di-n-propylamine	1400	U	UG/KG		SS19	
	218-01-9	Chrysene	1400	U	UG/KG		SS19	
	205-99-2	Benzo(b)fluoranthene	1400	U	UG/KG		SS19	
	131-11-3	Dimethyl phthalate	1400	U	UG/KG		SS19	
	120-82-1	1,2,4-Trichlorobenzene	1400	U	UG/KG		SS19	
	91-57-6	2-Methylnaphthalene	1400	U	UG/KG		SS19	
	91-58-7	2-Chloronaphthalene	1400	U	UG/KG		SS19	
	87-68-3	Hexachlorobutadiene	1400	U	UG/KG		SS19	
	91-94-1	3,3'-Dichlorobenzidine	2800	U	UG/KG		SS19	
	95-48-7	2-Methylphenol	1400	U	UG/KG		SS19	
	95-50-1	1,2-Dichlorobenzene	1400	U	UG/KG		SS19	
	87-86-5	Pentachlorophenol	6900	U	UG/KG		SS19	
	88-06-2	2,4,6-Trichlorophenol	1400	U	UG/KG		SS19	
	95-57-8	2-Chlorophenol	1400	U	UG/KG		SS19	
	95-95-4	2,4,5-Trichlorophenol	6900	U	UG/KG		SS19	
	98-95-3	Nitrobenzene	1400	U	UG/KG		SS19	
	IT0-001	% Moisture	8		% MOISTURE		SS19	
	100-01-6	4-Nitroaniline	6900	U	UG/KG		SS19	
	100-02-7	4-Nitrophenol	6900	U	UG/KG		SS19	
	101-55-3	4-Bromophenyl phenyl ether	1400	U	UG/KG		SS19	
	105-67-9	2,4-Dimethylphenol	1400	U	UG/KG		SS19	
	106-44-5	4-Methylphenol	1400	U	UG/KG		SS19	
	100-51-6	Benzyl alcohol	1400	U	UG/KG		SS19	
	99-09-2	3-Nitroaniline	6900	U	UG/KG		SS19	
	88-74-4	2-Nitroaniline	6900	U	UG/KG		SS19	
	88-75-5	2-Nitrophenol	1400	U	UG/KG		SS19	

APPENDIX A
ANALYTICAL RESULTS

3 10 00997

SAMPLE NUMBE	PARAMETER CODE	COMPOUND/ANALYTE	RESULTS	QUALIFIER	UNITS	PRODUCT CODE	SAMPLE LOCATION	FLAG
JL	91-20-3	Naphthalene	1400	U	UG/KG	ME 705	SS19	TRG
	86-30-6	N-Nitrosodiphenylamine	1400	U	UG/KG		SS19	
	85-68-7	Butyl benzyl phthalate	1400	U	UG/KG		SS19	
	85-01-8	Phenanthrene	1400	U	UG/KG		SS19	
	67-72-1	Hexachloroethane	1400	U	UG/KG		SS19	
	84-74-2	Di-n-butyl phthalate	1400	U	UG/KG		SS19	
	84-66-2	Diethyl phthalate	1400	U	UG/KG		SS19	
	83-32-9	Acenaphthene	1400	U	UG/KG		SS19	
	78-59-1	Isophorone	1400	U	UG/KG		SS19	
	77-47-4	Hexachlorocyclopentadiene	1400	U	UG/KG		SS19	
	53-70-3	Dibenzo(a,h)anthracene	1400	U	UG/KG		SS19	
	51-28-5	2,4-Dinitrophenol	6900	U	UG/KG		SS19	
	56-23-5	Carbon Tetrachloride	5	U	UG/KG	MV 705	SS19	
	75-15-0	Carbon disulfide	5	U	UG/KG		SS19	
	100-42-5	Styrene	5	U	UG/KG		SS19	
	107-06-2	1,2-Dichloroethane	5	U	UG/KG		SS19	
	75-25-2	Bromoform	5	U	UG/KG		SS19	
	108-05-4	Vinyl Acetate	11	U	UG/KG		SS19	
	108-10-1	4-Methyl-2-pentanone	11	U	UG/KG		SS19	
	108-88-3	Toluene	3	J	UG/KG		SS19	
	75-27-4	Bromodichloromethane	5	U	UG/KG		SS19	
	75-34-3	1,1-Dichloroethane	5	U	UG/KG		SS19	
	78-87-5	1,2-Dichloropropane	5	U	UG/KG		SS19	
	108-90-7	Chlorobenzene	5	U	UG/KG		SS19	
	124-48-1	Dibromochloromethane	5	U	UG/KG		SS19	
	127-18-4	Tetrachloroethene	5	U	UG/KG		SS19	
	540-59-0	1,2-Dichloroethylene	5	U	UG/KG		SS19	
	10061-01-5	cis-1,3-Dichloropropene	5	U	UG/KG		SS19	
	1330-20-7	Total xylenes	5	U	UG/KG		SS19	
	591-78-6	2-Hexanone	11	U	UG/KG		SS19	
	10061-02-6	trans-1,3-Dichloropropene	5	U	UG/KG		SS19	
	78-93-3	2-Butanone	11	U	UG/KG		SS19	
	79-00-5	1,1,2-Trichloroethane	5	U	UG/KG		SS19	
	79-01-6	Trichloroethene	5	U	UG/KG		SS19	
	79-34-5	1,1,2,2-Tetrachloroethane	5	U	UG/KG		SS19	
	100-41-4	Ethylbenzene	5	U	UG/KG		SS19	
	IT0-001	% Moisture	8		% MOISTURE		SS19	
	75-35-4	1,1-Dichloroethene	5	U	UG/KG		SS19	
	75-09-2	Methylene chloride	26	B	UG/KG		SS19	
	75-01-4	Vinyl chloride	11	U	UG/KG		SS19	
	75-00-3	Chloroethane	11	U	UG/KG		SS19	
	74-87-3	Chloromethane	11	U	UG/KG		SS19	
	74-83-9	Bromomethane	11	U	UG/KG		SS19	
	71-55-6	1,1,1-Trichloroethane	5	U	UG/KG		SS19	
	71-43-2	Benzene	5	U	UG/KG		SS19	
	67-66-3	Chloroform	5	U	UG/KG		SS19	
	67-64-1	Acetone	6500	DB	UG/KG		SS19	
	57-12-5	Cyanide	.54	U	MG/KG	WW 037	SS19	

APPENDIX A
ANALYTICAL RESULTS

3 10 00998

SAMPLE NUMB	PARAMETER CODE	COMPOUND/ANALYTE	RESULTS	QUALIFIER	UNITS	PRODUCT CODE	SAMPLE LOCATION	FLAG
J	ITO-003	% Solids	92.4		% SOLIDS	AG 704	SS20	TRG
	7440-28-0	Thallium	.3	UW	MG/KG		SS20	
	7782-49-2	Selenium	3.6		MG/KG		SS20	
	7440-38-2	Arsenic	3.2	W	MG/KG		SS20	
	7439-92-1	Lead	22		MG/KG		SS20	
	ITO-003	% Solids	92.4		% SOLIDS	AP 706	SS20	
	7439-89-6	Iron	12400		MG/KG		SS20	
	7440-41-7	Beryllium	.7	B	MG/KG		SS20	
	7440-43-9	Cadmium	.8	B	MG/KG		SS20	
	7440-47-3	Chromium	22		MG/KG		SS20	
	7440-48-4	Cobalt	4	B	MG/KG		SS20	
	7440-62-2	Vanadium	11		MG/KG		SS20	
	7440-66-6	Zinc	38		MG/KG		SS20	
	7440-70-2	Calcium	155	B	MG/KG		SS20	
	7440-50-8	Copper	26		MG/KG		SS20	
	7440-39-3	Barium	123		MG/KG		SS20	
	7440-36-0	Antimony	3	U	MG/KG		SS20	
	7440-23-5	Sodium	20	U	MG/KG		SS20	
	7440-22-4	Silver	.9	B	MG/KG		SS20	
	7440-09-7	Potassium	100	U	MG/KG		SS20	
	7440-02-0	Nickel	6	B	MG/KG		SS20	
	7439-96-5	Manganese	800		MG/KG		SS20	
	7439-95-4	Magnesium	330	B	MG/KG		SS20	
	7429-90-5	Aluminum	7940		MG/KG		SS20	
	ITO-003	% Solids	92.4		% SOLIDS	AV 006	SS20	
	7439-97-6	Mercury	.61		MG/KG		SS20	
	50-29-3	4,4'-DDT	150		UG/KG	GC 723	SS20	
	72-55-9	4,4'-DDE	21	U	UG/KG		SS20	
	76-44-8	Heptachlor	8.7	U	UG/KG		SS20	
	12674-11-2	Aroclor-1016	87	U	UG/KG		SS20	
	ITO-001	% Moisture	8		% MOISTURE		SS20	
	309-00-2	Aldrin	8.7	U	UG/KG		SS20	
	319-84-6	alpha-BHC	8.7	U	UG/KG		SS20	
	33213-65-9	Endosulfan II	26		UG/KG		SS20	
	53469-21-9	Aroclor-1242	87	U	UG/KG		SS20	
	53494-70-5	Endrin ketone	17	U	UG/KG		SS20	
	5103-74-2	gamma-Chlordane	87	U	UG/KG		SS20	
	8001-35-2	Toxaphene	170	U	UG/KG		SS20	
	11096-82-5	Aroclor-1260	170	U	UG/KG		SS20	
	11097-69-1	Aroclor-1254	170	U	UG/KG		SS20	
	11104-28-2	Aroclor-1221	97	U	UG/KG		SS20	
	12672-29-6	Aroclor-1248	87	U	UG/KG		SS20	
	11141-16-5	Aroclor-1232	87	U	UG/KG		SS20	
	5103-71-9	alpha-Chlordane	87	U	UG/KG		SS20	
	1031-07-8	Endosulfan sulfate	17	U	UG/KG		SS20	
	1024-57-3	Heptachlor epoxide	8.7	U	UG/KG		SS20	
	959-98-8	Endosulfan-I	8.7	U	UG/KG		SS20	
	319-86-8	delta-BHC	8.7	U	UG/KG		SS20	
	319-85-7	beta-BHC	16	U	UG/KG		SS20	
	72-20-8	Endrin	17	U	UG/KG		SS20	
	72-43-5	Methoxychlor	87	U	UG/KG		SS20	
	72-54-8	4,4'-DDD	17	U	UG/KG		SS20	
	60-57-1	Dieldrin	20	U	UG/KG		SS20	

3 10 00999

APPENDIX A
ANALYTICAL RESULTS

SAMPLE NUM	PARAMETER CODE	COMPOUND/ANALYTE	RESULTS	QUALIFIER	UNITS	PRODUCT CODE	SAMPLE LOCATION	FLAG
	58-89-9	gamma-BHC (Lindane)	8.7	U	UG/KG	GC 723	SS20	TRG
	50-32-8	Benzo(a)pyrene	1400	U	UG/KG	ME 705	SS20	
	88-74-4	2-Nitroaniline	6800	U	UG/KG		SS20	
	111-91-1	bis(2-Chloroethoxy)methane	1400	U	UG/KG		SS20	
	117-81-7	bis(2-Ethylhexyl) phthalate	1500	B	UG/KG		SS20	
	88-75-5	2-Nitrophenol	1400	U	UG/KG		SS20	
	91-20-3	Naphthalene	1400	U	UG/KG		SS20	
	91-57-6	2-Methylnaphthalene	1400	U	UG/KG		SS20	
	91-94-1	3,3'-Dichlorobenzidine	2800	U	UG/KG		SS20	
	91-58-7	2-Chloronaphthalene	1400	U	UG/KG		SS20	
	65-85-0	Benzoic acid	6800	U	UG/KG		SS20	
	95-48-7	2-Methylphenol	1400	U	UG/KG		SS20	
	117-84-0	Di-n-octyl phthalate	1400	U	UG/KG		SS20	
	118-74-1	Hexachlorobenzene	1400	U	UG/KG		SS20	
	120-12-7	Anthracene	1400	U	UG/KG		SS20	
	121-14-2	2,4-Dinitrotoluene	1400	U	UG/KG		SS20	
	129-00-0	Pyrene	1400	U	UG/KG		SS20	
	131-11-3	Dimethyl phthalate	1400	U	UG/KG		SS20	
	191-24-2	Benzo(g,h,i)perylene	1400	U	UG/KG		SS20	
	193-39-5	Indeno(1,2,3-cd)pyrene	1400	U	UG/KG		SS20	
	205-99-2	Benzo(b)fluoranthene	1400	U	UG/KG		SS20	
	207-08-9	Benzo(k)fluoranthene	1400	U	UG/KG		SS20	
	208-96-8	Acenaphthylene	1400	U	UG/KG		SS20	
	218-01-9	Chrysene	1400	U	UG/KG		SS20	
	541-73-1	1,3-Dichlorobenzene	1400	U	UG/KG		SS20	
	606-20-2	2,6-Dinitrotoluene	1400	U	UG/KG		SS20	
	621-64-7	N-Nitroso-di-n-propylamine	1400	U	UG/KG		SS20	
	7005-72-3	4-Chlorophenylphenyl ether	1400	U	UG/KG		SS20	
	534-52-1	4,6-Dinitro-2-methylphenol	6800	U	UG/KG		SS20	
	206-44-0	Fluoranthene	1400	U	UG/KG		SS20	
	132-64-9	Dibenzofuran	1400	U	UG/KG		SS20	
	120-83-2	2,4-Dichlorophenol	1400	U	UG/KG		SS20	
	120-82-1	1,2,4-Trichlorobenzene	1400	U	UG/KG		SS20	
	95-50-1	1,2-Dichlorobenzene	1400	U	UG/KG		SS20	
	95-57-8	2-Chlorophenol	1400	U	UG/KG		SS20	
	95-95-4	2,4,5-Trichlorophenol	6800	U	UG/KG		SS20	
	98-95-3	Nitrobenzene	1400	U	UG/KG		SS20	
	99-09-2	3-Nitroaniline	6800	U	UG/KG		SS20	
	100-51-6	Benzyl alcohol	1400	U	UG/KG		SS20	
	101-55-3	4-Bromophenyl phenyl ether	1400	U	UG/KG		SS20	
	105-67-9	2,4-Dimethylphenol	1400	U	UG/KG		SS20	
	106-44-5	4-Methylphenol	1400	U	UG/KG		SS20	
	106-47-8	4-Chloroaniline	1400	U	UG/KG		SS20	
	108-60-1	bis(2-Chloroisopropyl)ether	1400	U	UG/KG		SS20	
	108-95-2	Phenol	1400	U	UG/KG		SS20	
	111-44-4	bis(2-Chloroethyl)ether	1400	U	UG/KG		SS20	
	106-46-7	1,4-Dichlorobenzene	1400	U	UG/KG		SS20	
	100-02-7	4-Nitrophenol	6800	U	UG/KG		SS20	
	100-01-6	4-Nitroaniline	6800	U	UG/KG		SS20	
	IT0-001	% Moisture	8		% MOISTURE		SS20	
	67-72-1	Hexachloroethane	1400	U	UG/KG		SS20	
	77-47-4	Hexachlorocyclopentadiene	1400	U	UG/KG		SS20	
	85-68-7	Butyl benzyl phthalate	1400	U	UG/KG		SS20	
	86-30-6	N-Nitrosodiphenylamine	1400	U	UG/KG		SS20	
	86-73-7	Fluorene	1400	U	UG/KG		SS20	

3 10 01000

APPENDIX A
ANALYTICAL RESULTS

SAMPLE NUMB	PARAMETER CODE	COMPOUND/ANALYTE	RESULTS	QUALIFIER	UNITS	PRODUCT CODE	SAMPLE LOCATION	FLAG
J	87-68-3	Hexachlorobutadiene	1400	U	UG/KG	ME 705	SS20	TRG
	87-86-5	Pentachlorophenol	6800	U	UG/KG		SS20	
	88-06-2	2,4,6-Trichlorophenol	1400	U	UG/KG		SS20	
	85-01-8	Phenanthrene	1400	U	UG/KG		SS20	
	84-74-2	Di-n-butyl phthalate	180	J	UG/KG		SS20	
	78-59-1	Isophorone	1400	U	UG/KG		SS20	
	84-66-2	Diethyl phthalate	1400	U	UG/KG		SS20	
	83-32-9	Acenaphthene	1400	U	UG/KG		SS20	
	56-55-3	Benzo(a)anthracene	1400	U	UG/KG		SS20	
	59-50-7	4-Chloro-3-methylphenol	1400	U	UG/KG		SS20	
	53-70-3	Dibenzo(a,h)anthracene	1400	U	UG/KG		SS20	
	51-28-5	2,4-Dinitrophenol	6800	U	UG/KG		SS20	
	56-23-5	Carbon Tetrachloride	5	U	UG/KG	MV 705	SS20	
	71-55-6	1,1,1-Trichloroethane	5	U	UG/KG		SS20	
	75-25-2	Bromoform	5	U	UG/KG		SS20	
	108-05-4	Vinyl Acetate	11	U	UG/KG		SS20	
	108-10-1	4-Methyl-2-pentanone	11	U	UG/KG		SS20	
	108-88-3	Toluene	2	J	UG/KG		SS20	
	108-90-7	Chlorobenzene	5	U	UG/KG		SS20	
	127-18-4	Tetrachloroethene	5	U	UG/KG		SS20	
	540-59-0	1,2-Dichloroethylene	5	U	UG/KG		SS20	
	591-78-6	2-Hexanone	11	U	UG/KG		SS20	
	1330-20-7	Total xylenes	5	U	UG/KG		SS20	
	124-48-1	Dibromochloromethane	5	U	UG/KG		SS20	
	10061-01-5	cis-1,3-Dichloropropene	5	U	UG/KG		SS20	
	10061-02-6	trans-1,3-Dichloropropene	5	U	UG/KG		SS20	
	75-27-4	Bromodichloromethane	5	U	UG/KG		SS20	
	75-34-3	1,1-Dichloroethane	5	U	UG/KG		SS20	
	75-35-4	1,1-Dichloroethene	5	U	UG/KG		SS20	
	78-87-5	1,2-Dichloropropane	5	U	UG/KG		SS20	
	78-93-3	2-Butanone	6	J	UG/KG		SS20	
	79-01-6	Trichloroethene	5	U	UG/KG		SS20	
	79-34-5	1,1,2,2-Tetrachloroethane	5	U	UG/KG		SS20	
	IT0-001	% Moisture	8		% MOISTURE		SS20	
	100-41-4	Ethylbenzene	5	U	UG/KG		SS20	
	100-42-5	Styrene	5	U	UG/KG		SS20	
	107-06-2	1,2-Dichloroethane	5	U	UG/KG		SS20	
	79-00-5	1,1,2-Trichloroethane	5	U	UG/KG		SS20	
	75-15-0	Carbon disulfide	5	U	UG/KG		SS20	
	75-09-2	Methylene chloride	16	B	UG/KG		SS20	
	75-01-4	Vinyl chloride	11	U	UG/KG		SS20	
	75-00-3	Chloroethane	11	U	UG/KG		SS20	
	74-83-9	Bromomethane	11	U	UG/KG		SS20	
	74-87-3	Chloromethane	11	U	UG/KG		SS20	
	67-66-3	Chloroform	5	U	UG/KG		SS20	
	71-43-2	Benzene	5	U	UG/KG		SS20	
	67-64-1	Acetone	66	B	UG/KG		SS20	
	57-12-5	Cyanide	.57		MG/KG	WW 037	SS20	

APPENDIX A
ANALYTICAL RESULTS

SAMPLE NUMB	PARAMETER CODE	COMPOUND/ANALYTE	RESULTS	QUALIFIER	UNITS	PRODUCT CODE	SAMPLE LOCATION	FLAG
	7439-92-1	Lead	7.9		MG/KG	AG 706	SS21	TRG
	7782-49-2	Selenium	2	UW	MG/KG		SS21	
	7440-38-2	Arsenic	.4	UW	MG/KG		SS21	
	7440-28-0	Thallium	.3	UW	MG/KG		SS21	
	IT0-003	% Solids	91.5		% SOLIDS	AP 706	SS21	
	7440-39-3	Barium	189		MG/KG		SS21	
	7440-41-7	Beryllium	1.1		MG/KG		SS21	
	7440-43-9	Cadmium	.5	U	MG/KG		SS21	
	7440-47-3	Chromium	5		MG/KG		SS21	
	7440-48-4	Cobalt	3	B	MG/KG		SS21	
	7440-50-8	Copper	7		MG/KG		SS21	
	7440-62-2	Vanadium	13		MG/KG		SS21	
	7440-66-6	Zinc	8.4		MG/KG		SS21	
	7440-70-2	Calcium	587	B	MG/KG		SS21	
	7440-36-0	Antimony	4	B	MG/KG		SS21	
	7440-23-5	Sodium	20	U	MG/KG		SS21	
	7440-22-4	Silver	.5	U	MG/KG		SS21	
	7440-09-7	Potassium	252	B	MG/KG		SS21	
	7439-95-4	Magnesium	230	B	MG/KG		SS21	
	7439-96-5	Manganese	1240		MG/KG		SS21	
	7440-02-0	Nickel	3	B	MG/KG		SS21	
	7439-89-6	Iron	5630		MG/KG		SS21	
	7429-90-5	Aluminum	7860		MG/KG		SS21	
	IT0-003	% Solids	91.5		% SOLIDS	AV 006	SS21	
	7439-97-6	Mercury	.03		MG/KG		SS21	
	50-29-3	4,4'-DDT	17	U	UG/KG	GC 723	SS21	
	72-20-8	Endrin	17	U	UG/KG		SS21	
	319-86-8	delta-BHC	8.7	U	UG/KG		SS21	
	959-98-8	Endosulfan-I	8.7	U	UG/KG		SS21	
	12672-29-6	Aroclor-1248	87	U	UG/KG		SS21	
	1024-57-3	Heptachlor epoxide	8.7	U	UG/KG		SS21	
	12674-11-2	Aroclor-1016	87	U	UG/KG		SS21	
	1031-07-8	Endosulfan sulfate	17	U	UG/KG		SS21	
	5103-71-9	alpha-Chlordane	87	U	UG/KG		SS21	
	33213-65-9	Endosulfan II	17	U	UG/KG		SS21	
	53469-21-9	Aroclor-1242	87	U	UG/KG		SS21	
	53494-70-5	Endrin ketone	17	U	UG/KG		SS21	
	5103-74-2	gamma-Chlordane	87	U	UG/KG		SS21	
	8001-35-2	Toxaphene	170	U	UG/KG		SS21	
	11096-82-5	Aroclor-1260	170	U	UG/KG		SS21	
	11097-69-1	Aroclor-1254	170	U	UG/KG		SS21	
	11141-16-5	Aroclor-1232	87	U	UG/KG		SS21	
	11104-28-2	Aroclor-1221	87	U	UG/KG		SS21	
	319-85-7	beta-BHC	8.7	U	UG/KG		SS21	
	319-84-6	alpha-BHC	8.7	U	UG/KG		SS21	
	72-43-5	Methoxychlor	87	U	UG/KG		SS21	
	309-00-2	Aldrin	8.7	U	UG/KG		SS21	
	IT0-001	% Moisture	8		% MOISTURE		SS21	
	76-44-8	Heptachlor	8.7	U	UG/KG		SS21	
	72-55-9	4,4'-DDE	17	U	UG/KG		SS21	
	72-54-8	4,4'-DDD	17	U	UG/KG		SS21	
	60-57-1	Dieldrin	17	U	UG/KG		SS21	
	58-89-9	gamma-BHC (Lindane)	8.7	U	UG/KG		SS21	

3 10 01002

APPENDIX A
ANALYTICAL RESULTS

SAMPLE NUMBER	PARAMETER CODE	COMPOUND/ANALYTE	RESULTS	QUALIFIER	UNITS	PRODUCT CODE	SAMPLE LOCATION	FLAG
J0577	50-32-8	Benzo(a)pyrene	360	U	UG/KG	ME 705	SS21	TRG
	111-91-1	bis(2-Chloroethoxy)methane	360	U	UG/KG		SS21	
	78-59-1	Isophorone	360	U	UG/KG		SS21	
	83-32-9	Acenaphthene	360	U	UG/KG		SS21	
	88-74-4	2-Nitroaniline	1700	U	UG/KG		SS21	
	88-75-5	2-Nitrophenol	360	U	UG/KG		SS21	
	91-20-3	Naphthalene	360	U	UG/KG		SS21	
	91-57-6	2-Methylnaphthalene	360	U	UG/KG		SS21	
	91-94-1	3,3'-Dichlorobenzidine	720	U	UG/KG		SS21	
	95-48-7	2-Methylphenol	360	U	UG/KG		SS21	
	117-81-7	bis(2-Ethylhexyl) phthalate	260	BJ	UG/KG		SS21	
	117-84-0	Di-n-octyl phthalate	360	U	UG/KG		SS21	
	120-12-7	Anthracene	360	U	UG/KG		SS21	
	120-82-1	1,2,4-Trichlorobenzene	360	U	UG/KG		SS21	
	121-14-2	2,4-Dinitrotoluene	360	U	UG/KG		SS21	
	129-00-0	Pyrene	360	U	UG/KG		SS21	
	131-11-3	Dimethyl phthalate	360	U	UG/KG		SS21	
	191-24-2	Benzo(g,h,i)perylene	360	U	UG/KG		SS21	
	193-39-5	Indeno(1,2,3-cd)pyrene	360	U	UG/KG		SS21	
	205-99-2	Benzo(b)fluoranthene	360	U	UG/KG		SS21	
	207-08-9	Benzo(k)fluoranthene	360	U	UG/KG		SS21	
	208-96-8	Acenaphthylene	360	U	UG/KG		SS21	
	218-01-9	Chrysene	360	U	UG/KG		SS21	
	541-73-1	1,3-Dichlorobenzene	360	U	UG/KG		SS21	
	606-20-2	2,6-Dinitrotoluene	360	U	UG/KG		SS21	
	621-64-7	N-Nitroso-di-n-propylamine	360	U	UG/KG		SS21	
	7005-72-3	4-Chlorophenylphenyl ether	360	U	UG/KG		SS21	
	534-52-1	4,6-Dinitro-2-methylphenol	1700	U	UG/KG		SS21	
	206-44-0	Fluoranthene	360	U	UG/KG		SS21	
	132-64-9	Dibenzofuran	360	U	UG/KG		SS21	
	120-83-2	2,4-Dichlorophenol	360	U	UG/KG		SS21	
	118-74-1	Hexachlorobenzene	360	U	UG/KG		SS21	
	95-50-1	1,2-Dichlorobenzene	360	U	UG/KG		SS21	
	95-57-8	2-Chlorophenol	360	U	UG/KG		SS21	
	95-95-4	2,4,5-Trichlorophenol	1700	U	UG/KG		SS21	
	98-95-3	Nitrobenzene	360	U	UG/KG		SS21	
	99-09-2	3-Nitroaniline	1700	U	UG/KG		SS21	
	ITO-001	% Moisture	8		% MOISTURE		SS21	
	100-01-6	4-Nitroaniline	1700	U	UG/KG		SS21	
	100-51-6	Benzyl alcohol	360	U	UG/KG		SS21	
	101-55-3	4-Bromophenyl phenyl ether	360	U	UG/KG		SS21	
	105-67-9	2,4-Dimethylphenol	360	U	UG/KG		SS21	
	106-44-5	4-Methylphenol	360	U	UG/KG		SS21	
	106-47-8	4-Chloroaniline	360	U	UG/KG		SS21	
	108-60-1	bis(2-Chloroisopropyl)ether	360	U	UG/KG		SS21	
	108-95-2	Phenol	360	U	UG/KG		SS21	
	111-44-4	bis(2-Chloroethyl)ether	360	U	UG/KG		SS21	
	106-46-7	1,4-Dichlorobenzene	360	U	UG/KG		SS21	
	100-02-7	4-Nitrophenol	1700	U	UG/KG		SS21	
	91-58-7	2-Chloronaphthalene	360	U	UG/KG		SS21	
	84-66-2	Diethyl phthalate	360	U	UG/KG		SS21	
	84-74-2	Di-n-butyl phthalate	360	U	UG/KG		SS21	
	85-68-7	Butyl benzyl phthalate	360	U	UG/KG		SS21	
	86-30-6	N-Nitrosodiphenylamine	50	BJ	UG/KG		SS21	
	86-73-7	Fluorene	360	U	UG/KG		SS21	

APPENDIX A
ANALYTICAL RESULTS

10 01003

SAMPLE NUM	PARAMETER CODE	COMPOUND/ANALYTE	RESULTS	QUALIFIER	UNITS	PRODUCT CODE	SAMPLE LOCATION	FLAG
	87-68-3	Hexachlorobutadiene	360	U	UG/KG	ME 705	SS21	TRG
	88-06-2	2,4,6-Trichlorophenol	360	U	UG/KG		SS21	
	87-86-5	Pentachlorophenol	1700	U	UG/KG		SS21	
	85-01-8	Phenanthrene	360	U	UG/KG		SS21	
	77-47-4	Hexachlorocyclopentadiene	360	U	UG/KG		SS21	
	53-70-3	Dibenzo(a,h)anthracene	360	U	UG/KG		SS21	
	67-72-1	Hexachloroethane	360	U	UG/KG		SS21	
	65-85-0	Benzoic acid	1700	U	UG/KG		SS21	
	59-50-7	4-Chloro-3-methylphenol	360	U	UG/KG		SS21	
	56-55-3	Benzo(a)anthracene	360	U	UG/KG		SS21	
	51-28-5	2,4-Dinitrophenol	1700	U	UG/KG		SS21	
	56-23-5	Carbon Tetrachloride	5	U	UG/KG	MV 705	SS21	
	67-66-3	Chloroform	5	U	UG/KG		SS21	
	75-25-2	Bromoform	5	U	UG/KG		SS21	
	100-42-5	Styrene	5	U	UG/KG		SS21	
	75-27-4	Bromodichloromethane	5	U	UG/KG		SS21	
	107-06-2	1,2-Dichloroethane	5	U	UG/KG		SS21	
	108-05-4	Vinyl Acetate	11	U	UG/KG		SS21	
	108-10-1	4-Methyl-2-pentanone	11	U	UG/KG		SS21	
	108-88-3	Toluene	24		UG/KG		SS21	
	108-90-7	Chlorobenzene	5	U	UG/KG		SS21	
	75-34-3	1,1-Dichloroethane	5	U	UG/KG		SS21	
	124-48-1	Dibromochloromethane	5	U	UG/KG		SS21	
	127-18-4	Tetrachloroethene	5	U	UG/KG		SS21	
	540-59-0	1,2-Dichloroethylene	5	U	UG/KG		SS21	
	591-78-6	2-Hexanone	11	U	UG/KG		SS21	
	1330-20-7	Total xylenes	5	U	UG/KG		SS21	
	10061-01-5	cis-1,3-Dichloropropene	5	U	UG/KG		SS21	
	10061-02-6	trans-1,3-Dichloropropene	5	U	UG/KG		SS21	
	78-93-3	2-Butanone	11	U	UG/KG		SS21	
	79-00-5	1,1,2-Trichloroethane	5	U	UG/KG		SS21	
	79-01-6	Trichloroethene	5	U	UG/KG		SS21	
	79-34-5	1,1,2,2-Tetrachloroethane	5	U	UG/KG		SS21	
	100-41-4	Ethylbenzene	5	U	UG/KG		SS21	
	ITO-001	% Moisture	8		% MOISTURE		SS21	
	78-87-5	1,2-Dichloropropane	5	U	UG/KG		SS21	
	75-35-4	1,1-Dichloroethene	5	U	UG/KG		SS21	
	75-15-0	Carbon disulfide	5	U	UG/KG		SS21	
	75-09-2	Methylene chloride	13	B	UG/KG		SS21	
	75-01-4	Vinyl chloride	11	U	UG/KG		SS21	
	75-00-3	Chloroethane	11	U	UG/KG		SS21	
	74-87-3	Chloromethane	11	U	UG/KG		SS21	
	74-83-9	Bromomethane	11	U	UG/KG		SS21	
	71-55-6	1,1,1-Trichloroethane	5	U	UG/KG		SS21	
	71-43-2	Benzene	5	U	UG/KG		SS21	
	67-64-1	Acetone	100	B	UG/KG		SS21	
	57-12-5	Cyanide	.55	U	MG/KG	WW 037	SS21	

APPENDIX A
ANALYTICAL RESULTS

3 10 01004

SAMPLE NUMB'	PARAMETER CODE	COMPOUND/ANALYTE	RESULTS	QUALIFIER	UNITS	PRODUCT CODE	SAMPLE LOCATION	FLAG
J.	7439-92-1	Lead	9.6		MG/KG	AG 706	SS22	TRG
	7782-49-2	Selenium	2	UW	MG/KG		SS22	
	7440-38-2	Arsenic	.4	BW	MG/KG		SS22	
	7440-28-0	Thallium	.2	UW	MG/KG		SS22	
	ITO-003	% Solids	91.8		% SOLIDS	AP 706	SS22	
	7440-36-0	Antimony	3	U	MG/KG		SS22	
	7440-70-2	Calcium	345	B	MG/KG		SS22	
	7440-39-3	Barium	107		MG/KG		SS22	
	7440-41-7	Beryllium	.5	B	MG/KG		SS22	
	7440-43-9	Cadmium	.5	U	MG/KG		SS22	
	7440-48-4	Cobalt	2	U	MG/KG		SS22	
	7440-50-8	Copper	4	B	MG/KG		SS22	
	7440-62-2	Vanadium	9	B	MG/KG		SS22	
	7440-66-6	Zinc	8		MG/KG		SS22	
	7440-47-3	Chromium	6		MG/KG		SS22	
	7440-23-5	Sodium	20	U	MG/KG		SS22	
	7440-22-4	Silver	.5	U	MG/KG		SS22	
	7440-09-7	Potassium	100	U	MG/KG		SS22	
	7439-95-4	Magnesium	179	B	MG/KG		SS22	
	7439-96-5	Manganese	420		MG/KG		SS22	
	7440-02-0	Nickel	2	B	MG/KG		SS22	
	7439-89-6	Iron	3640		MG/KG		SS22	
	7429-90-5	Aluminum	6120		MG/KG		SS22	
	ITO-003	% Solids	91.8		% SOLIDS	AV 006	SS22	
	7439-97-6	Mercury	.09		MG/KG		SS22	
	50-29-3	4,4'-DDT	17	U	UG/KG	GC 723	SS22	
	72-20-8	Endrin	17	U	UG/KG		SS22	
	72-43-5	Methoxychlor	87	U	UG/KG		SS22	
	319-86-8	delta-BHC	8.7	U	UG/KG		SS22	
	959-98-8	Endosulfan-I	8.7	U	UG/KG		SS22	
	12672-29-6	Aroclor-1248	87	U	UG/KG		SS22	
	12674-11-2	Aroclor-1016	87	U	UG/KG		SS22	
	33213-65-9	Endosulfan II	17	U	UG/KG		SS22	
	53469-21-9	Aroclor-1242	87	U	UG/KG		SS22	
	53494-70-5	Endrin ketone	17	U	UG/KG		SS22	
	1024-57-3	Heptachlor epoxide	8.7	U	UG/KG		SS22	
	1031-07-8	Endosulfan sulfate	17	U	UG/KG		SS22	
	5103-71-9	alpha-Chlordane	87	U	UG/KG		SS22	
	5103-74-2	gamma-Chlordane	87	U	UG/KG		SS22	
	8001-35-2	Toxaphene	170	U	UG/KG		SS22	
	11096-82-5	Aroclor-1260	170	U	UG/KG		SS22	
	11097-69-1	Aroclor-1254	170	U	UG/KG		SS22	
	11141-16-5	Aroclor-1232	87	U	UG/KG		SS22	
	11104-28-2	Aroclor-1221	87	U	UG/KG		SS22	
	319-85-7	beta-BHC	8.7	U	UG/KG		SS22	
	319-84-6	alpha-BHC	8.7	U	UG/KG		SS22	
	72-54-8	4,4'-DDD	17	U	UG/KG		SS22	
	309-00-2	Aldrin	8.7	U	UG/KG		SS22	
	ITO-001	% Moisture	8		% MOISTURE		SS22	
	76-44-8	Heptachlor	8.7	U	UG/KG		SS22	
	72-55-9	4,4'-DDE	17	U	UG/KG		SS22	
	60-57-1	Dieldrin	17	U	UG/KG		SS22	
	58-89-9	gamma-BHC (Lindane)	8.7	U	UG/KG		SS22	

3 10 01005

APPENDIX A
ANALYTICAL RESULTS

SAMPLE NUM	PARAMETER CODE	COMPOUND/ANALYTE	RESULTS	QUALIFIER	UNITS	PRODUCT CODE	SAMPLE LOCATION	FLAG
J0374	50-32-8	Benzo(a)pyrene	360	U	UG/KG	ME 705	SS22	TRG
	53-70-3	Dibenzo(a,h)anthracene	360	U	UG/KG		SS22	
	106-46-7	1,4-Dichlorobenzene	360	U	UG/KG		SS22	
	56-55-3	Benzo(a)anthracene	360	U	UG/KG		SS22	
	86-30-6	N-Nitrosodiphenylamine	39	BJ	UG/KG		SS22	
	106-47-8	4-Chloroaniline	360	U	UG/KG		SS22	
	108-60-1	bis(2-Chloroisopropyl)ether	360	U	UG/KG		SS22	
	108-95-2	Phenol	360	U	UG/KG		SS22	
	111-44-4	bis(2-Chloroethyl)ether	360	U	UG/KG		SS22	
	111-91-1	bis(2-Chloroethoxy)methane	360	U	UG/KG		SS22	
	117-81-7	bis(2-Ethylhexyl) phthalate	430	B	UG/KG		SS22	
	118-74-1	Hexachlorobenzene	360	U	UG/KG		SS22	
	120-12-7	Anthracene	360	U	UG/KG		SS22	
	120-82-1	1,2,4-Trichlorobenzene	360	U	UG/KG		SS22	
	121-14-2	2,4-Dinitrotoluene	360	U	UG/KG		SS22	
	129-00-0	Pyrene	360	U	UG/KG		SS22	
	131-11-3	Dimethyl phthalate	360	U	UG/KG		SS22	
	191-24-2	Benzo(g,h,i)perylene	360	U	UG/KG		SS22	
	193-39-5	Indeno(1,2,3-cd)pyrene	360	U	UG/KG		SS22	
	205-99-2	Benzo(b)fluoranthene	360	U	UG/KG		SS22	
	207-08-9	Benzo(k)fluoranthene	360	U	UG/KG		SS22	
	208-96-8	Acenaphthylene	360	U	UG/KG		SS22	
	218-01-9	Chrysene	360	U	UG/KG		SS22	
	541-73-1	1,3-Dichlorobenzene	360	U	UG/KG		SS22	
	606-20-2	2,6-Dinitrotoluene	360	U	UG/KG		SS22	
	621-64-7	N-Nitroso-di-n-propylamine	360	U	UG/KG		SS22	
	7005-72-3	4-Chlorophenylphenyl ether	360	U	UG/KG		SS22	
	534-52-1	4,6-Dinitro-2-methylphenol	1700	U	UG/KG		SS22	
	206-44-0	Fluoranthene	360	U	UG/KG		SS22	
	132-64-9	Dibenzofuran	360	U	UG/KG		SS22	
	120-83-2	2,4-Dichlorophenol	360	U	UG/KG		SS22	
	117-84-0	Di-n-octyl phthalate	360	U	UG/KG		SS22	
	86-73-7	Fluorene	360	U	UG/KG		SS22	
	91-20-3	Naphthalene	360	U	UG/KG		SS22	
	87-68-3	Hexachlorobutadiene	360	U	UG/KG		SS22	
	91-57-6	2-Methylnaphthalene	360	U	UG/KG		SS22	
	91-58-7	2-Chloronaphthalene	360	U	UG/KG		SS22	
	91-94-1	3,3'-Dichlorobenzidine	720	U	UG/KG		SS22	
	95-48-7	2-Methylphenol	360	U	UG/KG		SS22	
	95-50-1	1,2-Dichlorobenzene	360	U	UG/KG		SS22	
	98-95-3	Nitrobenzene	360	U	UG/KG		SS22	
	95-95-4	2,4,5-Trichlorophenol	1700	U	UG/KG		SS22	
	99-09-2	3-Nitroaniline	1700	U	UG/KG		SS22	
	IT0-001	% Moisture	8		% MOISTURE		SS22	
	100-01-6	4-Nitroaniline	1700	U	UG/KG		SS22	
	100-02-7	4-Nitrophenol	1700	U	UG/KG		SS22	
	100-51-6	Benzyl alcohol	360	U	UG/KG		SS22	
	101-55-3	4-Bromophenyl phenyl ether	360	U	UG/KG		SS22	
	105-67-9	2,4-Dimethylphenol	360	U	UG/KG		SS22	
	106-44-5	4-Methylphenol	360	U	UG/KG		SS22	
	95-57-8	2-Chlorophenol	360	U	UG/KG		SS22	
	87-86-5	Pentachlorophenol	1700	U	UG/KG		SS22	
	85-68-7	Butyl benzyl phthalate	360	U	UG/KG		SS22	
	88-06-2	2,4,6-Trichlorophenol	360	U	UG/KG		SS22	
	88-74-4	2-Nitroaniline	1700	U	UG/KG		SS22	

APPENDIX A
ANALYTICAL RESULTS

3 10 01006

SAMPLE NUM	PARAMETER CODE	COMPOUND/ANALYTE	RESULTS	QUALIFIER	UNITS	PRODUCT CODE	SAMPLE LOCATION	FLAG
	88-75-5	2-Nitrophenol	360	U	UG/KG	ME 705	SS22	TRG
	85-01-8	Phenanthrene	360	U	UG/KG		SS22	
	84-74-2	Di-n-butyl phthalate	360	U	UG/KG		SS22	
	84-66-2	Diethyl phthalate	360	U	UG/KG		SS22	
	83-32-9	Acenaphthene	360	U	UG/KG		SS22	
	78-59-1	Isophorone	360	U	UG/KG		SS22	
	77-47-4	Hexachlorocyclopentadiene	360	U	UG/KG		SS22	
	67-72-1	Hexachloroethane	360	U	UG/KG		SS22	
	65-85-0	Benzoic acid	590	J	UG/KG		SS22	
	59-50-7	4-Chloro-3-methylphenol	360	U	UG/KG		SS22	
	51-28-5	2,4-Dinitrophenol	1700	U	UG/KG		SS22	
	56-23-5	Carbon Tetrachloride	5	U	UG/KG	MV 705	SS22	
	100-41-4	Ethylbenzene	5	U	UG/KG		SS22	
	100-42-5	Styrene	5	U	UG/KG		SS22	
	107-06-2	1,2-Dichloroethane	5	U	UG/KG		SS22	
	108-05-4	Vinyl Acetate	11	U	UG/KG		SS22	
	108-10-1	4-Methyl-2-pentanone	11	U	UG/KG		SS22	
	108-88-3	Toluene	2	J	UG/KG		SS22	
	71-43-2	Benzene	5	U	UG/KG		SS22	
	108-90-7	Chlorobenzene	5	U	UG/KG		SS22	
	124-48-1	Dibromochloromethane	5	U	UG/KG		SS22	
	127-18-4	Tetrachloroethene	5	U	UG/KG		SS22	
	540-59-0	1,2-Dichloroethylene	5	U	UG/KG		SS22	
	591-78-6	2-Hexanone	11	U	UG/KG		SS22	
	1330-20-7	Total xylenes	5	U	UG/KG		SS22	
	10061-01-5	cis-1,3-Dichloropropene	5	U	UG/KG		SS22	
	10061-02-6	trans-1,3-Dichloropropene	5	U	UG/KG		SS22	
	71-55-6	1,1,1-Trichloroethane	5	U	UG/KG		SS22	
	74-83-9	Bromomethane	11	U	UG/KG		SS22	
	78-87-5	1,2-Dichloropropane	5	U	UG/KG		SS22	
	78-93-3	2-Butanone	11	U	UG/KG		SS22	
	79-00-5	1,1,2-Trichloroethane	5	U	UG/KG		SS22	
	79-01-6	Trichloroethene	2	J	UG/KG		SS22	
	79-34-5	1,1,2,2-Tetrachloroethane	5	U	UG/KG		SS22	
	IT0-001	% Moisture	8		% MOISTURE		SS22	
	75-35-4	1,1-Dichloroethene	5	U	UG/KG		SS22	
	75-34-3	1,1-Dichloroethane	5	U	UG/KG		SS22	
	75-27-4	Bromodichloromethane	5	U	UG/KG		SS22	
	75-25-2	Bromoform	5	U	UG/KG		SS22	
	75-15-0	Carbon disulfide	5	U	UG/KG		SS22	
	75-09-2	Methylene chloride	11	B	UG/KG		SS22	
	75-01-4	Vinyl chloride	11	U	UG/KG		SS22	
	75-00-3	Chloroethane	11	U	UG/KG		SS22	
	74-87-3	Chloromethane	11	U	UG/KG		SS22	
	67-66-3	Chloroform	5	U	UG/KG		SS22	
	67-64-1	Acetone	33	B	UG/KG		SS22	
	57-12-5	Cyanide	.54	U	MG/KG	WW 037	SS22	

3 10 01007

APPENDIX A
ANALYTICAL RESULTS

SAMPLE NUMB	PARAMETER CODE	COMPOUND/ANALYTE	RESULTS	QUALIFIER	UNITS	PRODUCT CODE	SAMPLE LOCATION	FLAG
J	7439-92-1	Lead	8.1		MG/KG	AG 706	SS23	TRG
	7782-49-2	Selenium	.5	UW	MG/KG		SS23	
	7440-38-2	Arsenic	.7	BW	MG/KG		SS23	
	7440-28-0	Thallium	.3	U	MG/KG		SS23	
	ITO-003	% Solids	78.3		% SOLIDS	AP 706	SS23	
	7440-09-7	Potassium	100	U	MG/KG		SS23	
	7440-22-4	Silver	.5	U	MG/KG		SS23	
	7440-23-5	Sodium	20	U	MG/KG		SS23	
	7440-36-0	Antimony	3	U	MG/KG		SS23	
	7440-48-4	Cobalt	2	U	MG/KG		SS23	
	7440-50-8	Copper	9		MG/KG		SS23	
	7440-62-2	Vanadium	7	B	MG/KG		SS23	
	7440-66-6	Zinc	14.8		MG/KG		SS23	
	7440-70-2	Calcium	405	B	MG/KG		SS23	
	7440-47-3	Chromium	5		MG/KG		SS23	
	7440-43-9	Cadmium	.5	U	MG/KG		SS23	
	7440-39-3	Barium	74.1		MG/KG		SS23	
	7440-41-7	Beryllium	.4	B	MG/KG		SS23	
	7439-95-4	Magnesium	136	B	MG/KG		SS23	
	7439-96-5	Manganese	411		MG/KG		SS23	
	7440-02-0	Nickel	2	U	MG/KG		SS23	
	7439-89-6	Iron	3290		MG/KG		SS23	
	7429-90-5	Aluminum	3910		MG/KG		SS23	
	ITO-003	% Solids	78.3		% SOLIDS	AV 006	SS23	
	7439-97-6	Mercury	.66		MG/KG		SS23	
	50-29-3	4,4'-DDT	17	U	UG/KG	GC 723	SS23	
	72-43-5	Methoxychlor	87	U	UG/KG		SS23	
	8001-35-2	Toxaphene	170	U	UG/KG		SS23	
	11096-82-5	Aroclor-1260	170	U	UG/KG		SS23	
	11097-69-1	Aroclor-1254	170	U	UG/KG		SS23	
	11141-16-5	Aroclor-1232	87	U	UG/KG		SS23	
	12672-29-6	Aroclor-1248	87	U	UG/KG		SS23	
	12674-11-2	Aroclor-1016	87	U	UG/KG		SS23	
	33213-65-9	Endosulfan II	17	U	UG/KG		SS23	
	53469-21-9	Aroclor-1242	87	U	UG/KG		SS23	
	53494-70-5	Endrin ketone	17	U	UG/KG		SS23	
	11104-28-2	Aroclor-1221	110	U	UG/KG		SS23	
	72-54-8	4,4'-DDD	17	U	UG/KG		SS23	
	72-55-9	4,4'-DDE	17	U	UG/KG		SS23	
	76-44-8	Heptachlor	8.7	U	UG/KG		SS23	
	ITO-001	% Moisture	9		% MOISTURE		SS23	
	1024-57-3	Heptachlor epoxide	8.7	U	UG/KG		SS23	
	959-98-8	Endosulfan-I	8.7	U	UG/KG		SS23	
	5103-74-2	gamma-Chlordane	87	U	UG/KG		SS23	
	5103-71-9	alpha-Chlordane	87	U	UG/KG		SS23	
	1031-07-8	Endosulfan sulfate	17	U	UG/KG		SS23	
	319-86-8	delta-BHC	8.7	U	UG/KG		SS23	
	319-85-7	beta-BHC	8.7	U	UG/KG		SS23	
	319-84-6	alpha-BHC	8.7	U	UG/KG		SS23	
	309-00-2	Aldrin	8.7	U	UG/KG		SS23	
	60-57-1	Dieldrin	17	U	UG/KG		SS23	
	72-20-8	Endrin	17	U	UG/KG		SS23	
	58-89-9	gamma-BHC (Lindane)	8.7	U	UG/KG		SS23	

APPENDIX A
ANALYTICAL RESULTS

3 10 01008

SAMPLE NUMB	PARAMETER CODE	COMPOUND/ANALYTE	RESULTS	QUALIFIER	UNITS	PRODUCT CODE	SAMPLE LOCATION	FLAG
J0[illegible]	50-32-8	Benzo(a)pyrene	360	U	UG/KG	ME 705	SS23	TRG
	67-72-1	Hexachloroethane	360	U	UG/KG		SS23	
	77-47-4	Hexachlorocyclopentadiene	360	U	UG/KG		SS23	
	87-68-3	Hexachlorobutadiene	360	U	UG/KG		SS23	
	111-44-4	bis(2-Chloroethyl)ether	360	U	UG/KG		SS23	
	111-91-1	bis(2-Chloroethoxy)methane	360	U	UG/KG		SS23	
	117-81-7	bis(2-Ethylhexyl) phthalate	680	B	UG/KG		SS23	
	117-84-0	Di-n-octyl phthalate	360	U	UG/KG		SS23	
	87-86-5	Pentachlorophenol	1800	U	UG/KG		SS23	
	88-06-2	2,4,6-Trichlorophenol	360	U	UG/KG		SS23	
	118-74-1	Hexachlorobenzene	53	J	UG/KG		SS23	
	120-12-7	Anthracene	360	U	UG/KG		SS23	
	120-82-1	1,2,4-Trichlorobenzene	360	U	UG/KG		SS23	
	121-14-2	2,4-Dinitrotoluene	360	U	UG/KG		SS23	
	120-83-2	2,4-Dichlorophenol	360	U	UG/KG		SS23	
	91-20-3	Naphthalene	360	U	UG/KG		SS23	
	129-00-0	Pyrene	360	U	UG/KG		SS23	
	131-11-3	Dimethyl phthalate	360	U	UG/KG		SS23	
	132-64-9	Dibenzofuran	360	U	UG/KG		SS23	
	191-24-2	Benzo(g,h,i)perylene	360	U	UG/KG		SS23	
	193-39-5	Indeno(1,2,3-cd)pyrene	360	U	UG/KG		SS23	
	205-99-2	Benzo(b)fluoranthene	360	U	UG/KG		SS23	
	207-08-9	Benzo(k)fluoranthene	360	U	UG/KG		SS23	
	208-96-8	Acenaphthylene	360	U	UG/KG		SS23	
	218-01-9	Chrysene	360	U	UG/KG		SS23	
	541-73-1	1,3-Dichlorobenzene	360	U	UG/KG		SS23	
	534-52-1	4,6-Dinitro-2-methylphenol	1800	U	UG/KG		SS23	
	206-44-0	Fluoranthene	360	U	UG/KG		SS23	
	606-20-2	2,6-Dinitrotoluene	360	U	UG/KG		SS23	
	621-64-7	N-Nitroso-di-n-propylamine	360	U	UG/KG		SS23	
	7005-72-3	4-Chlorophenylphenyl ether	360	U	UG/KG		SS23	
	91-57-6	2-Methylnaphthalene	360	U	UG/KG		SS23	
	91-58-7	2-Chloronaphthalene	360	U	UG/KG		SS23	
	91-94-1	3,3'-Dichlorobenzidine	720	U	UG/KG		SS23	
	95-50-1	1,2-Dichlorobenzene	360	U	UG/KG		SS23	
	95-57-8	2-Chlorophenol	360	U	UG/KG		SS23	
	95-95-4	2,4,5-Trichlorophenol	1800	U	UG/KG		SS23	
	98-95-3	Nitrobenzene	360	U	UG/KG		SS23	
	99-09-2	3-Nitroaniline	1800	U	UG/KG		SS23	
	ITO-001	% Moisture	10		% MOISTURE		SS23	
	100-01-6	4-Nitroaniline	1800	U	UG/KG		SS23	
	100-02-7	4-Nitrophenol	1800	U	UG/KG		SS23	
	100-51-6	Benzyl alcohol	360	U	UG/KG		SS23	
	105-67-9	2,4-Dimethylphenol	360	U	UG/KG		SS23	
	106-44-5	4-Methylphenol	360	U	UG/KG		SS23	
	106-46-7	1,4-Dichlorobenzene	360	U	UG/KG		SS23	
	106-47-8	4-Chloroaniline	360	U	UG/KG		SS23	
	108-60-1	bis(2-Chloroisopropyl)ether	360	U	UG/KG		SS23	
	101-55-3	4-Bromophenyl phenyl ether	360	U	UG/KG		SS23	
	108-95-2	Phenol	360	U	UG/KG		SS23	
	95-48-7	2-Methylphenol	360	U	UG/KG		SS23	
	88-75-5	2-Nitrophenol	360	U	UG/KG		SS23	
	88-74-4	2-Nitroaniline	1800	U	UG/KG		SS23	
	78-59-1	Isophorone	360	U	UG/KG		SS23	
	84-66-2	Diethyl phthalate	360	U	UG/KG		SS23	

3 10 01009

APPENDIX A
ANALYTICAL RESULTS

SAMP NUM	PARAMETER CODE	COMPOUND/ANALYTE	RESULTS	QUALIFIER	UNITS	PRODUCT CODE	SAMPLE LOCATION	FLAG
	84-74-2	Di-n-butyl phthalate	360	U	UG/KG	ME 705	SS23	TRG
	85-01-8	Phenanthrene	360	U	UG/KG		SS23	
	85-68-7	Butyl benzyl phthalate	360	U	UG/KG		SS23	
	86-73-7	Fluorene	360	U	UG/KG		SS23	
	86-30-6	N-Nitrosodiphenylamine	360	U	UG/KG		SS23	
	83-32-9	Acenaphthene	360	U	UG/KG		SS23	
	56-55-3	Benzo(a)anthracene	360	U	UG/KG		SS23	
	59-50-7	4-Chloro-3-methylphenol	360	U	UG/KG		SS23	
	65-85-0	Benzoic acid	100	J	UG/KG		SS23	
	53-70-3	Dibenzo(a,h)anthracene	360	U	UG/KG		SS23	
	51-28-5	2,4-Dinitrophenol	1800	U	UG/KG		SS23	
	56-23-5	Carbon Tetrachloride	5	U	UG/KG	MV 705	SS23	
	71-43-2	Benzene	5	U	UG/KG		SS23	
	71-55-6	1,1,1-Trichloroethane	5	U	UG/KG		SS23	
	IT0-001	% Moisture	9		% MOISTURE		SS23	
	100-41-4	Ethylbenzene	5	U	UG/KG		SS23	
	100-42-5	Styrene	5	U	UG/KG		SS23	
	107-06-2	1,2-Dichloroethane	5	U	UG/KG		SS23	
	108-10-1	4-Methyl-2-pentanone	11	U	UG/KG		SS23	
	108-88-3	Toluene	5	U	UG/KG		SS23	
	108-90-7	Chlorobenzene	5	U	UG/KG		SS23	
	124-48-1	Dibromochloromethane	5	U	UG/KG		SS23	
	540-59-0	1,2-Dichloroethylene	5	U	UG/KG		SS23	
	127-18-4	Tetrachlorethene	5	U	UG/KG		SS23	
	591-78-6	2-Hexanone	11	U	UG/KG		SS23	
	1330-20-7	Total xylenes	5	U	UG/KG		SS23	
	10061-01-5	cis-1,3-Dichloropropene	5	U	UG/KG		SS23	
	10061-02-6	trans-1,3-Dichloropropene	5	U	UG/KG		SS23	
	108-05-4	Vinyl Acetate	11	U	UG/KG		SS23	
	74-83-9	Bromomethane	11	U	UG/KG		SS23	
	74-87-3	Chloromethane	11	U	UG/KG		SS23	
	75-35-4	1,1-Dichloroethene	5	U	UG/KG		SS23	
	78-87-5	1,2-Dichloropropane	5	U	UG/KG		SS23	
	78-93-3	2-Butanone	11	U	UG/KG		SS23	
	79-00-5	1,1,2-Trichloroethane	5	U	UG/KG		SS23	
	79-34-5	1,1,2,2-Tetrachloroethane	5	U	UG/KG		SS23	
	79-01-6	Trichloroethene	5	U	UG/KG		SS23	
	75-34-3	1,1-Dichloroethane	5	U	UG/KG		SS23	
	75-27-4	Bromodichloromethane	5	U	UG/KG		SS23	
	75-25-2	Bromoform	5	U	UG/KG		SS23	
	75-15-0	Carbon disulfide	5	U	UG/KG		SS23	
	75-09-2	Methylene chloride	8	B	UG/KG		SS23	
	75-01-4	Vinyl chloride	11	U	UG/KG		SS23	
	75-00-3	Chloroethane	11	U	UG/KG		SS23	
	67-66-3	Chloroform	5	U	UG/KG		SS23	
	67-64-1	Acetone	1100	DB	UG/KG		SS23	
	57-12-5	Cyanide	.64	U	MG/KG	WW 037	SS23	

APPENDIX A
ANALYTICAL RESULTS

SAMPLE NUM	PARAMETER CODE	COMPOUND/ANALYTE	RESULTS	QUALIFIER	UNITS	PRODUCT CODE	SAMPLE LOCATION	FLAG
	7439-92-1	Lead	8.8		MG/KG	AG 706	SS24	TRG
	7440-38-2	Arsenic	1.3	BW	MG/KG		SS24	
	7782-49-2	Selenium	3	UW	MG/KG		SS24	
	7440-28-0	Thallium	.3	U	MG/KG		SS24	
	ITO-003	% Solids	69.4		% SOLIDS	AP 706	SS24	
	7440-66-6	Zinc	6.4		MG/KG		SS24	
	7439-89-6	Iron	4190		MG/KG		SS24	
	7440-70-2	Calcium	94800		MG/KG		SS24	
	7439-95-4	Magnesium	298	B	MG/KG		SS24	
	7440-02-0	Nickel	3	B	MG/KG		SS24	
	7440-43-9	Cadmium	.5	U	MG/KG		SS24	
	7440-47-3	Chromium	13		MG/KG		SS24	
	7440-48-4	Cobalt	8	B	MG/KG		SS24	
	7440-50-8	Copper	6		MG/KG		SS24	
	7440-62-2	Vanadium	17		MG/KG		SS24	
	7440-41-7	Beryllium	.4	B	MG/KG		SS24	
	7440-39-3	Barium	81.2		MG/KG		SS24	
	7440-36-0	Antimony	6	B	MG/KG		SS24	
	7440-23-5	Sodium	20	U	MG/KG		SS24	
	7440-22-4	Silver	3		MG/KG		SS24	
	7440-09-7	Potassium	100	U	MG/KG		SS24	
	7439-96-5	Manganese	445		MG/KG		SS24	
	7429-90-5	Aluminum	3090		MG/KG		SS24	
	ITO-003	% Solids	69.4		% SOLIDS	AV 006	SS24	
	7439-97-6	Mercury	.03	U	MG/KG		SS24	
	50-29-3	4,4'-DDT	23	U	UG/KG	GC 723	SS24	
	72-20-8	Endrin	23	U	UG/KG		SS24	
	11096-82-5	Aroclor-1260	230	U	UG/KG		SS24	
	11097-69-1	Aroclor-1254	230	U	UG/KG		SS24	
	11104-28-2	Aroclor-1221	120	U	UG/KG		SS24	
	11141-16-5	Aroclor-1232	120	U	UG/KG		SS24	
	12672-29-6	Aroclor-1248	120	U	UG/KG		SS24	
	12674-11-2	Aroclor-1016	120	U	UG/KG		SS24	
	33213-65-9	Endosulfan II	23	U	UG/KG		SS24	
	53469-21-9	Aroclor-1242	120	U	UG/KG		SS24	
	53494-70-5	Endrin ketone	23	U	UG/KG		SS24	
	72-43-5	Methoxychlor	120	U	UG/KG		SS24	
	72-54-8	4,4'-DDD	23	U	UG/KG		SS24	
	959-98-8	Endosulfan-I	12	U	UG/KG		SS24	
	1024-57-3	Heptachlor epoxide	12	U	UG/KG		SS24	
	1031-07-8	Endosulfan sulfate	23	U	UG/KG		SS24	
	5103-71-9	alpha-Chlordane	120	U	UG/KG		SS24	
	5103-74-2	gamma-Chlordane	120	U	UG/KG		SS24	
	8001-35-2	Toxaphene	230	U	UG/KG		SS24	
	319-86-8	delta-BHC	12	U	UG/KG		SS24	
	319-85-7	beta-BHC	12	U	UG/KG		SS24	
	72-55-9	4,4'-DDE	23	U	UG/KG		SS24	
	319-84-6	alpha-BHC	12	U	UG/KG		SS24	
	309-00-2	Aldrin	12	U	UG/KG		SS24	
	ITO-001	% Moisture	32		% MOISTURE		SS24	
	76-44-8	Heptachlor	12	U	UG/KG		SS24	
	60-57-1	Dieldrin	23	U	UG/KG		SS24	
	58-89-9	gamma-BHC (Lindane)	12	U	UG/KG		SS24	

APPENDIX A
ANALYTICAL RESULTS

3 10 01011

SAMP' NUM.	PARAMETER CODE	COMPOUND/ANALYTE	RESULTS	QUALI FIER	UNITS	PRODUCT CODE	SAMPLE LOCATION	FLAG
J0376	50-32-8	Benzo(a)pyrene	480	U	UG/KG	ME 705	SS24	TRG
	91-20-3	Naphthalene	480	U	UG/KG		SS24	
	56-55-3	Benzo(a)anthracene	480	U	UG/KG		SS24	
	91-57-6	2-Methylnaphthalene	480	U	UG/KG		SS24	
	111-44-4	bis(2-Chloroethyl)ether	480	U	UG/KG		SS24	
	111-91-1	bis(2-Chloroethoxy)methane	480	U	UG/KG		SS24	
	118-74-1	Hexachlorobenzene	480	U	UG/KG		SS24	
	120-12-7	Anthracene	480	U	UG/KG		SS24	
	120-82-1	1,2,4-Trichlorobenzene	480	U	UG/KG		SS24	
	121-14-2	2,4-Dinitrotoluene	480	U	UG/KG		SS24	
	129-00-0	Pyrene	480	U	UG/KG		SS24	
	131-11-3	Dimethyl phthalate	480	U	UG/KG		SS24	
	191-24-2	Benzo(g,h,i)perylene	480	U	UG/KG		SS24	
	193-39-5	Indeno(1,2,3-cd)pyrene	480	U	UG/KG		SS24	
	205-99-2	Benzo(b)fluoranthene	480	U	UG/KG		SS24	
	207-08-9	Benzo(k)fluoranthene	480	U	UG/KG		SS24	
	208-96-8	Acenaphthylene	480	U	UG/KG		SS24	
	218-01-9	Chrysene	480	U	UG/KG		SS24	
	541-73-1	1,3-Dichlorobenzene	480	U	UG/KG		SS24	
	606-20-2	2,6-Dinitrotoluene	480	U	UG/KG		SS24	
	621-64-7	N-Nitroso-di-n-propylamine	480	U	UG/KG		SS24	
	7005-72-3	4-Chlorophenylphenyl ether	480	U	UG/KG		SS24	
	534-52-1	4,6-Dinitro-2-methylphenol	2300	U	UG/KG		SS24	
	206-44-0	Fluoranthene	480	U	UG/KG		SS24	
	132-64-9	Dibenzofuran	480	U	UG/KG		SS24	
	120-83-2	2,4-Dichlorophenol	480	U	UG/KG		SS24	
	117-84-0	Di-n-octyl phthalate	480	U	UG/KG		SS24	
	117-81-7	bis(2-Ethylhexyl) phthalate	730	B	UG/KG		SS24	
	91-58-7	2-Chloronaphthalene	480	U	UG/KG		SS24	
	91-94-1	3,3'-Dichlorobenzidine	960	U	UG/KG		SS24	
	95-48-7	2-Methylphenol	480	U	UG/KG		SS24	
	95-50-1	1,2-Dichlorobenzene	480	U	UG/KG		SS24	
	95-57-8	2-Chlorophenol	480	U	UG/KG		SS24	
	95-95-4	2,4,5-Trichlorophenol	2300	U	UG/KG		SS24	
	98-95-3	Nitrobenzene	480	U	UG/KG		SS24	
	99-09-2	3-Nitroaniline	2300	U	UG/KG		SS24	
	59-50-7	4-Chloro-3-methylphenol	480	U	UG/KG		SS24	
	IT0-001	% Moisture	32		% MOISTURE		SS24	
	100-01-6	4-Nitroaniline	2300	U	UG/KG		SS24	
	100-02-7	4-Nitrophenol	2300	U	UG/KG		SS24	
	100-51-6	Benzyl alcohol	480	U	UG/KG		SS24	
	101-55-3	4-Bromophenyl phenyl ether	480	U	UG/KG		SS24	
	106-44-5	4-Methylphenol	480	U	UG/KG		SS24	
	106-46-7	1,4-Dichlorobenzene	480	U	UG/KG		SS24	
	106-47-8	4-Chloroaniline	480	U	UG/KG		SS24	
	108-60-1	bis(2-Chloroisopropyl)ether	480	U	UG/KG		SS24	
	108-95-2	Phenol	480	U	UG/KG		SS24	
	105-67-9	2,4-Dimethylphenol	480	U	UG/KG		SS24	
	65-85-0	Benzoic acid	260	J	UG/KG		SS24	
	86-73-7	Fluorene	480	U	UG/KG		SS24	
	87-68-3	Hexachlorobutadiene	480	U	UG/KG		SS24	
	87-86-5	Pentachlorophenol	2300	U	UG/KG		SS24	
	86-30-6	N-Nitrosodiphenylamine	480	U	UG/KG		SS24	
	85-68-7	Butyl benzyl phthalate	480	U	UG/KG		SS24	
	88-74-4	2-Nitroaniline	2300	U	UG/KG		SS24	

3 10 01012

APPENDIX A
ANALYTICAL RESULTS

SAMP[redacted] NUMB	PARAMETER CODE	COMPOUND/ANALYTE	RESULTS	QUALIFIER	UNITS	PRODUCT CODE	SAMPLE LOCATION	FLAG
J	88-75-5	2-Nitrophenol	480	U	UG/KG	ME 705	SS24	TRG
	88-06-2	2,4,6-Trichlorophenol	480	U	UG/KG		SS24	
	85-01-8	Phenanthrene	480	U	UG/KG		SS24	
	67-72-1	Hexachloroethane	480	U	UG/KG		SS24	
	84-74-2	Di-n-butyl phthalate	480	U	UG/KG		SS24	
	84-66-2	Diethyl phthalate	480	U	UG/KG		SS24	
	83-32-9	Acenaphthene	480	U	UG/KG		SS24	
	78-59-1	Isophorone	480	U	UG/KG		SS24	
	77-47-4	Hexachlorocyclopentadiene	480	U	UG/KG		SS24	
	53-70-3	Dibenzo(a,h)anthracene	480	U	UG/KG		SS24	
	51-28-5	2,4-Dinitrophenol	2300	U	UG/KG		SS24	
	56-23-5	Carbon Tetrachloride	7	U	UG/KG	MV 705	SS24	
	75-25-2	Bromoform	7	U	UG/KG		SS24	
	79-01-6	Trichloroethene	7	U	UG/KG		SS24	
	79-34-5	1,1,2,2-Tetrachloroethane	7	U	UG/KG		SS24	
	ITO-001	% Moisture	27		% MOISTURE		SS24	
	100-41-4	Ethylbenzene	7	U	UG/KG		SS24	
	107-06-2	1,2-Dichloroethane	7	U	UG/KG		SS24	
	100-42-5	Styrene	7	U	UG/KG		SS24	
	75-15-0	Carbon disulfide	7	U	UG/KG		SS24	
	108-05-4	Vinyl Acetate	14	U	UG/KG		SS24	
	108-10-1	4-Methyl-2-pentanone	14	U	UG/KG		SS24	
	108-88-3	Toluene	7	U	UG/KG		SS24	
	108-90-7	Chlorobenzene	7	U	UG/KG		SS24	
	124-48-1	Dibromochloromethane	7	U	UG/KG		SS24	
	127-18-4	Tetrachlorethene	7	U	UG/KG		SS24	
	591-78-6	2-Hexanone	14	U	UG/KG		SS24	
	1330-20-7	Total xylenes	7	U	UG/KG		SS24	
	10061-01-5	cis-1,3-Dichloropropene	7	U	UG/KG		SS24	
	10061-02-6	trans-1,3-Dichloropropene	7	U	UG/KG		SS24	
	540-59-0	1,2-Dichloroethylene	7	U	UG/KG		SS24	
	75-34-3	1,1-Dichloroethane	7	U	UG/KG		SS24	
	75-35-4	1,1-Dichloroethene	7	U	UG/KG		SS24	
	78-87-5	1,2-Dichloropropane	7	U	UG/KG		SS24	
	78-93-3	2-Butanone	14	U	UG/KG		SS24	
	79-00-5	1,1,2-Trichloroethane	7	U	UG/KG		SS24	
	75-27-4	Bromodichloromethane	7	U	UG/KG		SS24	
	75-09-2	Methylene chloride	5	BJ	UG/KG		SS24	
	75-01-4	Vinyl chloride	14	U	UG/KG		SS24	
	75-00-3	Chloroethane	14	U	UG/KG		SS24	
	71-55-6	1,1,1-Trichloroethane	7	U	UG/KG		SS24	
	74-83-9	Bromomethane	14	U	UG/KG		SS24	
	74-87-3	Chloromethane	14	U	UG/KG		SS24	
	71-43-2	Benzene	7	U	UG/KG		SS24	
	67-66-3	Chloroform	7	U	UG/KG		SS24	
	67-64-1	Acetone	580	DB	UG/KG		SS24	
	57-12-5	Cyanide	.72	U	MG/KG	WW 037	SS24	

3 10 01013

APPENDIX A
ANALYTICAL RESULTS

SAMPLE NUMBER	PARAMETER CODE	COMPOUND/ANALYTE	RESULTS	QUALIFIER	UNITS	PRODUCT CODE	SAMPLE LOCATION	FLAG
J	7439-92-1	Lead	29		UG/LITER	AG 702	P7	TRG
	7440-38-2	Arsenic	3	U	UG/LITER		P7	
	7782-49-2	Selenium	25	UW	UG/LITER		P7	
	7440-28-0	Thallium	2	U	UG/LITER		P7	
	7429-90-5	Aluminum	4860		UG/LITER	AP 703	P7	
	7440-22-4	Silver	12		UG/LITER		P7	
	7440-36-0	Antimony	30	U	UG/LITER		P7	
	7440-41-7	Beryllium	19		UG/LITER		P7	
	7440-47-3	Chromium	10	U	UG/LITER		P7	
	7440-50-8	Copper	62		UG/LITER		P7	
	7440-66-6	Zinc	152		UG/LITER		P7	
	7440-70-2	Calcium	18800		UG/LITER		P7	
	7440-62-2	Vanadium	69		UG/LITER		P7	
	7440-48-4	Cobalt	60		UG/LITER		P7	
	7440-43-9	Cadmium	5	U	UG/LITER		P7	
	7440-39-3	Barium	3040		UG/LITER		P7	
	7440-23-5	Sodium	7990		UG/LITER		P7	
	7440-09-7	Potassium	4000	B	UG/LITER		P7	
	7439-95-4	Magnesium	9220		UG/LITER		P7	
	7440-02-0	Nickel	31	B	UG/LITER		P7	
	7439-96-5	Manganese	508		UG/LITER		P7	
	7439-89-6	Iron	1680		UG/LITER		P7	
	7439-97-6	Mercury	.2	U	UG/LITER	AV 002	P7	
	56-23-5	Carbon Tetrachloride	5	U	UG/LITER	MV 702	P7	
	108-88-3	Toluene	5	U	UG/LITER		P7	
	124-48-1	Dibromochloromethane	5	U	UG/LITER		P7	
	540-59-0	1,2-Dichloroethylene	5	U	UG/LITER		P7	
	1330-20-7	Total xylenes	5	U	UG/LITER		P7	
	10061-02-6	trans-1,3-Dichloropropene	5	U	UG/LITER		P7	
	10061-01-5	cis-1,3-Dichloropropene	5	U	UG/LITER		P7	
	591-78-6	2-Hexanone	10	U	UG/LITER		P7	
	127-18-4	Tetrachloroethene	8		UG/LITER		P7	
	108-90-7	Chlorobenzene	5	U	UG/LITER		P7	
	108-10-1	4-Methyl-2-pentanone	10	U	UG/LITER		P7	
	75-09-2	Methylene chloride	1	BJ	UG/LITER		P7	
	75-15-0	Carbon disulfide	5	U	UG/LITER		P7	
	75-25-2	Bromoform	5	U	UG/LITER		P7	
	75-34-3	1,1-Dichloroethane	5	U	UG/LITER		P7	
	75-35-4	1,1-Dichloroethene	7		UG/LITER		P7	
	78-87-5	1,2-Dichloropropane	5	U	UG/LITER		P7	
	79-00-5	1,1,2-Trichloroethane	6		UG/LITER		P7	
	79-01-6	Trichloroethene	100		UG/LITER		P7	
	79-34-5	1,1,2,2-Tetrachloroethane	5	U	UG/LITER		P7	
	100-42-5	Styrene	5	U	UG/LITER		P7	
	107-06-2	1,2-Dichloroethane	5	U	UG/LITER		P7	
	108-05-4	Vinyl Acetate	10	U	UG/LITER		P7	
	100-41-4	Ethylbenzene	5	U	UG/LITER		P7	
	78-93-3	2-Butanone	10	U	UG/LITER		P7	
	75-27-4	Bromodichloromethane	5	U	UG/LITER		P7	
	75-01-4	Vinyl chloride	10	U	UG/LITER		P7	
	71-55-6	1,1,1-Trichloroethane	18		UG/LITER		P7	
	74-83-9	Bromomethane	10	U	UG/LITER		P7	
	74-87-3	Chloromethane	10	U	UG/LITER		P7	

3 10 01014

APPENDIX A
ANALYTICAL RESULTS

SAMPLE NUMB	PARAMETER CODE	COMPOUND/ANALYTE	RESULTS	QUALIFIER	UNITS	PRODUCT CODE	SAMPLE LOCATION	FLAG
J.	75-00-3	Chloroethane	10	U	UG/LITER	MV 702	P7	TRG
	67-66-3	Chloroform	110		UG/LITER		P7	
	71-43-2	Benzene	5	U	UG/LITER		P7	
	67-64-1	Acetone	10	U	UG/LITER		P7	
	57-12-5	Cyanide	10	U	UG/LITER	WW 034	P7	

3 10 01015

APPENDIX A
ANALYTICAL RESULTS

SAMPLE NUMBER	PARAMETER CODE	COMPOUND/ANALYTE	RESULTS	QUALIFIER	UNITS	PRODUCT CODE	SAMPLE LOCATION	FLAG
[redacted]	7439-92-1	Lead	51		UG/LITER	AG 702	P22	TRG
	7440-38-2	Arsenic	3	U	UG/LITER		P22	
	7782-49-2	Selenium	36	UW	UG/LITER		P22	
	7440-28-0	Thallium	2	U	UG/LITER		P22	
	7429-90-5	Aluminum	1310		UG/LITER	AP 703	P22	
	7440-39-3	Barium	822		UG/LITER		P22	
	7440-41-7	Beryllium	1	B	UG/LITER		P22	
	7440-43-9	Cadmium	5	U	UG/LITER		P22	
	7440-47-3	Chromium	10	U	UG/LITER		P22	
	7440-48-4	Cobalt	20	U	UG/LITER		P22	
	7440-50-8	Copper	31		UG/LITER		P22	
	7440-62-2	Vanadium	22	B	UG/LITER		P22	
	7440-70-2	Calcium	7960		UG/LITER		P22	
	7440-66-6	Zinc	19	B	UG/LITER		P22	
	7440-36-0	Antimony	30	U	UG/LITER		P22	
	7440-09-7	Potassium	3140	B	UG/LITER		P22	
	7440-22-4	Silver	16		UG/LITER		P22	
	7440-23-5	Sodium	2600	B	UG/LITER		P22	
	7439-96-5	Manganese	63		UG/LITER		P22	
	7440-02-0	Nickel	20	U	UG/LITER		P22	
	7439-95-4	Magnesium	3510	B	UG/LITER		P22	
	7439-89-6	Iron	269		UG/LITER		P22	
[redacted]	7439-97-6	Mercury	.2	U	UG/LITER	HV 002	P22	
	56-23-5	Carbon Tetrachloride	59		UG/LITER	MV 702	P22	
	108-88-3	Toluene	5	U	UG/LITER		P22	
	124-48-1	Dibromochloromethane	5	U	UG/LITER		P22	
	127-18-4	Tetrachloroethene	33		UG/LITER		P22	
	540-59-0	1,2-Dichloroethylene	5	U	UG/LITER		P22	
	1330-20-7	Total xylenes	5	U	UG/LITER		P22	
	10061-01-5	cis-1,3-Dichloropropene	5	U	UG/LITER		P22	
	10061-02-6	trans-1,3-Dichloropropene	5	U	UG/LITER		P22	
	591-78-6	2-Hexanone	10	U	UG/LITER		P22	
	108-90-7	Chlorobenzene	5	U	UG/LITER		P22	
	75-15-0	Carbon disulfide	5	U	UG/LITER		P22	
	75-27-4	Bromodichloromethane	5	U	UG/LITER		P22	
	75-34-3	1,1-Dichloroethane	5	U	UG/LITER		P22	
	75-35-4	1,1-Dichloroethene	11		UG/LITER		P22	
	78-87-5	1,2-Dichloropropane	5	U	UG/LITER		P22	
	78-93-3	2-Butanone	10	U	UG/LITER		P22	
	79-00-5	1,1,2-Trichloroethane	2	J	UG/LITER		P22	
	79-01-6	Trichloroethene	8		UG/LITER		P22	
	100-41-4	Ethylbenzene	5	U	UG/LITER		P22	
	100-42-5	Styrene	5	U	UG/LITER		P22	
	107-06-2	1,2-Dichloroethane	5	U	UG/LITER		P22	
	108-05-4	Vinyl Acetate	10	U	UG/LITER		P22	
[redacted]	108-10-1	4-Methyl-2-pentanone	10	U	UG/LITER		P22	
	79-34-5	1,1,2,2-Tetrachloroethane	24		UG/LITER		P22	
	75-25-2	Bromoform	5	U	UG/LITER		P22	
	74-83-9	Bromomethane	10	U	UG/LITER		P22	
	74-87-3	Chloromethane	10	U	UG/LITER		P22	
	75-00-3	Chloroethane	10	U	UG/LITER		P22	
	75-01-4	Vinyl chloride	10	U	UG/LITER		P22	
	75-09-2	Methylene chloride	1	BJ	UG/LITER		P22	

APPENDIX A
ANALYTICAL RESULTS

3 10 01016

SAMPLE NUMBER	PARAMETER CODE	COMPOUND/ANALYTE	RESULTS	QUALIFIER	UNITS	PRODUCT CODE	SAMPLE LOCATION	FLAG
3	67-66-3	Chloroform	49		UG/LITER	MW 702	P22	TRG
	71-55-6	1,1,1-Trichloroethane	14		UG/LITER		P22	
	71-43-2	Benzene	5	U	UG/LITER		P22	
	67-64-1	Acetone	7	J	UG/LITER		P22	
	57-12-5	Cyanide	10	U	UG/LITER	MW 034	P22	

3 10 01017

APPENDIX A
ANALYTICAL RESULTS

SAMP NUM	PARAMETER CODE	COMPOUND/ANALYTE	RESULTS	QUALIFIER	UNITS	PRODUCT CODE	SAMPLE LOCATION	FLAG
	7439-92-1	Lead	36		UG/LITER	AG 702	P17	TRG
	7440-38-2	Arsenic	5	UW	UG/LITER		P17	
	7782-49-2	Selenium	4	UW	UG/LITER		P17	
	7440-28-0	Thallium	2	U	UG/LITER		P17	
	7429-90-5	Aluminum	152000		UG/LITER	AP 703	P17	
	7440-23-5	Sodium	6760		UG/LITER		P17	
	7440-62-2	Vanadium	166		UG/LITER		P17	
	7440-66-6	Zinc	84		UG/LITER		P17	
	7440-70-2	Calcium	8230		UG/LITER		P17	
	7440-36-0	Antimony	30	U	UG/LITER		P17	
	7440-39-3	Barium	1000		UG/LITER		P17	
	7440-41-7	Beryllium	10		UG/LITER		P17	
	7440-43-9	Cadmium	5	U	UG/LITER		P17	
	7440-47-3	Chromium	115		UG/LITER		P17	
	7440-48-4	Cobalt	22	B	UG/LITER		P17	
	7440-50-8	Copper	70		UG/LITER		P17	
	7439-96-5	Manganese	102		UG/LITER		P17	
	7440-02-0	Nickel	50		UG/LITER		P17	
	7440-22-4	Silver	5	B	UG/LITER		P17	
	7440-09-7	Potassium	1440	B	UG/LITER		P17	
	7439-95-4	Magnesium	2940	B	UG/LITER		P17	
	7439-89-6	Iron	23400		UG/LITER		P17	
	7439-97-6	Mercury	.2	U	UG/LITER	AV 002	P17	
	56-23-5	Carbon Tetrachloride	5	U	UG/LITER	MV 702	P17	
	75-01-4	Vinyl chloride	10	U	UG/LITER		P17	
	75-09-2	Methylene chloride	5	U	UG/LITER		P17	
	75-27-4	Bromodichloromethane	5	U	UG/LITER		P17	
	100-42-5	Styrene	5	U	UG/LITER		P17	
	107-06-2	1,2-Dichloroethane	5	U	UG/LITER		P17	
	108-05-4	Vinyl Acetate	10	U	UG/LITER		P17	
	108-88-3	Toluene	5	U	UG/LITER		P17	
	108-90-7	Chlorobenzene	5	U	UG/LITER		P17	
	124-48-1	Dibromochloromethane	5	U	UG/LITER		P17	
	127-18-4	Tetrachloroethene	5	U	UG/LITER		P17	
	540-59-0	1,2-Dichloroethylene	5	U	UG/LITER		P17	
	591-78-6	2-Hexanone	10	U	UG/LITER		P17	
	1330-20-7	Total xylenes	5	U	UG/LITER		P17	
	10061-01-5	cis-1,3-Dichloropropene	5	U	UG/LITER		P17	
	10061-02-6	trans-1,3-Dichloropropene	5	U	UG/LITER		P17	
	108-10-1	4-Methyl-2-pentanone	10	U	UG/LITER		P17	
	75-34-3	1,1-Dichloroethane	5	U	UG/LITER		P17	
	75-35-4	1,1-Dichloroethene	5	U	UG/LITER		P17	
	78-87-5	1,2-Dichloropropane	5	U	UG/LITER		P17	
	78-93-3	2-Butanone	10	U	UG/LITER		P17	
	79-00-5	1,1,2-Trichloroethane	5	U	UG/LITER		P17	
	79-01-6	Trichloroethene	5	U	UG/LITER		P17	
	79-34-5	1,1,2,2-Tetrachloroethane	5	U	UG/LITER		P17	
	100-41-4	Ethylbenzene	5	U	UG/LITER		P17	
	75-25-2	Bromoform	5	U	UG/LITER		P17	
	75-15-0	Carbon disulfide	5	U	UG/LITER		P17	
	75-00-3	Chloroethane	10	U	UG/LITER		P17	
	74-87-3	Chloromethane	10	U	UG/LITER		P17	
	74-83-9	Bromomethane	10	U	UG/LITER		P17	

3 10 01018

APPENDIX A
ANALYTICAL RESULTS

SAMPLE NUMB		PARAMETER CODE	COMPOUND/ANALYTE	RESULTS	QUALIFIER	UNITS	PRODUCT CODE	SAMPLE LOCATION	FLAG
[illegible]		71-43-2	Benzene	5	U	UG/LITER	MV 702	P17	TRG
		71-55-6	1,1,1-Trichloroethane	5	U	UG/LITER		P17	
		67-66-3	Chloroform	5	U	UG/LITER		P17	
		67-64-1	Acetone	6	J	UG/LITER		P17	
		57-12-5	Cyanide	10	U	UG/LITER	WW 034	P17	

3 10 01019

APPENDIX A
ANALYTICAL RESULTS

SAMPLE NUMBER	PARAMETER CODE	COMPOUND/ANALYTE	RESULTS	QUALIFIER	UNITS	PRODUCT CODE	SAMPLE LOCATION	FLAG
J	7439-92-1	Lead	2	U	UG/LITER	AG 702	P18	TRG
	7782-49-2	Selenium	3	UW	UG/LITER		P18	
	7440-38-2	Arsenic	2	U	UG/LITER		P18	
	7440-28-0	Thallium	3	UW	UG/LITER		P18	
	7429-90-5	Aluminum	2590		UG/LITER	AP 703	P18	
	7440-47-3	Chromium	10	U	UG/LITER		P18	
	7440-48-4	Cobalt	20	U	UG/LITER		P18	
	7440-50-8	Copper	20	B	UG/LITER		P18	
	7440-62-2	Vanadium	10	U	UG/LITER		P18	
	7440-66-6	Zinc	17	B	UG/LITER		P18	
	7440-43-9	Cadmium	5	U	UG/LITER		P18	
	7440-70-2	Calcium	3940		UG/LITER		P18	
	7440-41-7	Beryllium	1	U	UG/LITER		P18	
	7440-39-3	Barium	148	B	UG/LITER		P18	
	7440-36-0	Antimony	30	U	UG/LITER		P18	
	7440-23-5	Sodium	9340		UG/LITER		P18	
	7440-02-0	Nickel	20	U	UG/LITER		P18	
	7440-09-7	Potassium	2060	B	UG/LITER		P18	
	7440-22-4	Silver	5	U	UG/LITER		P18	
	7439-95-4	Magnesium	3350	B	UG/LITER		P18	
	7439-96-5	Manganese	52		UG/LITER		P18	
	7439-89-6	Iron	860		UG/LITER		P18	
	7439-97-6	Mercury	12.8		UG/LITER	AV 002	P18	
	56-23-5	Carbon Tetrachloride	120		UG/LITER	MV 702	P18	
	75-09-2	Methylene chloride	5	B	UG/LITER		P18	
	75-15-0	Carbon disulfide	5	U	UG/LITER		P18	
	79-34-5	1,1,2,2-Tetrachloroethane	140		UG/LITER		P18	
	100-41-4	Ethylbenzene	5	U	UG/LITER		P18	
	100-42-5	Styrene	5	U	UG/LITER		P18	
	108-05-4	Vinyl Acetate	10	U	UG/LITER		P18	
	108-10-1	4-Methyl-2-pentanone	10	U	UG/LITER		P18	
	108-88-3	Toluene	5	U	UG/LITER		P18	
	108-90-7	Chlorobenzene	5	U	UG/LITER		P18	
	124-48-1	Dibromochloromethane	5	U	UG/LITER		P18	
	127-18-4	Tetrachloroethene	180		UG/LITER		P18	
	540-59-0	1,2-Dichloroethylene	250	E	UG/LITER		P18	
	591-78-6	2-Hexanone	10	U	UG/LITER		P18	
	10061-01-5	cis-1,3-Dichloropropene	5	U	UG/LITER		P18	
	10061-02-6	trans-1,3-Dichloropropene	5	U	UG/LITER		P18	
	1330-20-7	Total xylenes	3	J	UG/LITER		P18	
	107-06-2	1,2-Dichloroethane	57		UG/LITER		P18	
	75-25-2	Bromoform	5	U	UG/LITER		P18	
	75-27-4	Bromodichloromethane	5	U	UG/LITER		P18	
	75-34-3	1,1-Dichloroethane	160		UG/LITER		P18	
	75-35-4	1,1-Dichloroethene	260	E	UG/LITER		P18	
	78-87-5	1,2-Dichloropropane	3	J	UG/LITER		P18	
	78-93-3	2-Butanone	10	U	UG/LITER		P18	
	79-01-6	Trichloroethene	77		UG/LITER		P18	
	79-00-5	1,1,2-Trichloroethane	89		UG/LITER		P18	
	75-01-4	Vinyl chloride	13		UG/LITER		P18	
	75-00-3	Chloroethane	10	U	UG/LITER		P18	
	74-87-3	Chloromethane	10	U	UG/LITER		P18	
	71-43-2	Benzene	9		UG/LITER		P18	

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APPENDIX A
ANALYTICAL RESULTS

SAMPLE NUMBER	PARAMETER CODE	COMPOUND/ANALYTE	RESULTS	QUALIFIER	UNITS	PRODUCT CODE	SAMPLE LOCATION	FLAG
J	71-55-6	1,1,1-Trichloroethane	240	E	UG/LITER	MW 702	P18	TRG
	74-83-9	Bromomethane	10	U	UG/LITER		P18	
	67-66-3	Chloroform	170		UG/LITER		P18	
	67-64-1	Acetone	20		UG/LITER		P18	
	57-12-5	Cyanide	10	U	UG/LITER	WW 034	P18	

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APPENDIX A
ANALYTICAL RESULTS

SAMP NUM	PARAMETER CODE	COMPOUND/ANALYTE	RESULTS	QUALIFIER	UNITS	PRODUCT CODE	SAMPLE LOCATION	FLAG
	7439-92-1	Lead	10		UG/LITER	AG 702	P19	TRG
	7782-49-2	Selenium	4	UW	UG/LITER		P19	
	7440-38-2	Arsenic	3	UW	UG/LITER		P19	
	7440-28-0	Thallium	2	U	UG/LITER		P19	
	7429-90-5	Aluminum	14600		UG/LITER	AP 703	P19	
	7440-02-0	Nickel	20	U	UG/LITER		P19	
	7440-09-7	Potassium	1390	B	UG/LITER		P19	
	7440-50-8	Copper	34		UG/LITER		P19	
	7440-62-2	Vanadium	27	B	UG/LITER		P19	
	7440-66-6	Zinc	63		UG/LITER		P19	
	7440-70-2	Calcium	1940	B	UG/LITER		P19	
	7440-48-4	Cobalt	48	B	UG/LITER		P19	
	7440-47-3	Chromium	18		UG/LITER		P19	
	7440-43-9	Cadmium	5	U	UG/LITER		P19	
	7440-22-4	Silver	5	U	UG/LITER		P19	
	7440-41-7	Beryllium	1	B	UG/LITER		P19	
	7440-39-3	Barium	145	B	UG/LITER		P19	
	7440-36-0	Antimony	30	U	UG/LITER		P19	
	7440-23-5	Sodium	16500		UG/LITER		P19	
	7439-96-5	Manganese	212		UG/LITER		P19	
	7439-95-4	Magnesium	1730	B	UG/LITER		P19	
	7439-89-6	Iron	7100		UG/LITER		P19	
	7439-97-6	Mercury	.2	U	UG/LITER	AV 002	P19	
	50-29-3	4,4'-DDT	.1	U	UG/LITER	GC 720	P19	
	76-44-8	Heptachlor	.05	U	UG/LITER		P19	
	11096-82-5	Aroclor-1260	1	U	UG/LITER		P19	
	11097-69-1	Aroclor-1254	1	U	UG/LITER		P19	
	11104-28-2	Aroclor-1221	.5	U	UG/LITER		P19	
	309-00-2	Aldrin	.05	U	UG/LITER		P19	
	319-84-6	alpha-BHC	.05	U	UG/LITER		P19	
	11141-16-5	Aroclor-1232	.5	U	UG/LITER		P19	
	12672-29-6	Aroclor-1248	.5	U	UG/LITER		P19	
	12674-11-2	Aroclor-1016	.5	U	UG/LITER		P19	
	33213-65-9	Endosulfan II	.1	U	UG/LITER		P19	
	53494-70-5	Endrin ketone	.1	U	UG/LITER		P19	
	53469-21-9	Aroclor-1242	.5	U	UG/LITER		P19	
	319-85-7	beta-BHC	.05	U	UG/LITER		P19	
	319-86-8	delta-BHC	.05	U	UG/LITER		P19	
	959-98-8	Endosulfan-I	.05	U	UG/LITER		P19	
	8001-35-2	Toxaphene	1	U	UG/LITER		P19	
	5103-74-2	gamma-Chlordane	.5	U	UG/LITER		P19	
	5103-71-9	alpha-Chlordane	.5	U	UG/LITER		P19	
	1031-07-8	Endosulfan sulfate	.1	U	UG/LITER		P19	
	1024-57-3	Heptachlor epoxide	.05	U	UG/LITER		P19	
	72-43-5	Methoxychlor	.5	U	UG/LITER		P19	
	72-54-8	4,4'-DDD	.1	U	UG/LITER		P19	
	72-55-9	4,4'-DDE	.1	U	UG/LITER		P19	
	72-20-8	Endrin	.1	U	UG/LITER		P19	
	60-57-1	Dieldrin	.1	U	UG/LITER		P19	
	58-89-9	gamma-BHC (Lindane)	.05	U	UG/LITER		P19	
	50-32-8	Benzo(a)pyrene	10	U	UG/LITER	ME 702	P19	
	84-66-2	Diethyl phthalate	10	U	UG/LITER		P19	

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APPENDIX A
ANALYTICAL RESULTS

SAMPLE NUMBER	PARAMETER CODE	COMPOUND/ANALYTE	RESULTS	QUALIFIER	UNITS	PRODUCT CODE	SAMPLE LOCATION	FLAG
[redacted]	84-74-2	Di-n-butyl phthalate	10	U	UG/LITER	ME 702	P19	TRG
	111-91-1	bis(2-Chloroethoxy)methane	10	U	UG/LITER		P19	
	117-81-7	bis(2-Ethylhexyl) phthalate	10	U	UG/LITER		P19	
	85-01-8	Phenanthrene	10	U	UG/LITER		P19	
	91-20-3	Naphthalene	10	U	UG/LITER		P19	
	91-57-6	2-Methylnaphthalene	10	U	UG/LITER		P19	
	91-58-7	2-Chloronaphthalene	10	U	UG/LITER		P19	
	95-50-1	1,2-Dichlorobenzene	10	U	UG/LITER		P19	
	95-57-8	2-Chlorophenol	10	U	UG/LITER		P19	
	117-84-0	Di-n-octyl phthalate	10	U	UG/LITER		P19	
	118-74-1	Hexachlorobenzene	10	U	UG/LITER		P19	
	120-12-7	Anthracene	10	U	UG/LITER		P19	
	120-82-1	1,2,4-Trichlorobenzene	10	U	UG/LITER		P19	
	120-83-2	2,4-Dichlorophenol	10	U	UG/LITER		P19	
	129-00-0	Pyrene	10	U	UG/LITER		P19	
	131-11-3	Dimethyl phthalate	10	U	UG/LITER		P19	
	132-64-9	Dibenzofuran	10	U	UG/LITER		P19	
	193-39-5	Indeno(1,2,3-cd)pyrene	10	U	UG/LITER		P19	
	205-99-2	Benzo(b)fluoranthene	10	U	UG/LITER		P19	
	206-44-0	Fluoranthene	10	U	UG/LITER		P19	
	208-96-8	Acenaphthylene	10	U	UG/LITER		P19	
	218-01-9	Chrysene	10	U	UG/LITER		P19	
	534-52-1	4,6-Dinitro-2-methylphenol	50	U	UG/LITER		P19	
	541-73-1	1,3-Dichlorobenzene	10	U	UG/LITER		P19	
	606-20-2	2,6-Dinitrotoluene	10	U	UG/LITER		P19	
	621-64-7	N-Nitroso-di-n-propylamine	10	U	UG/LITER		P19	
	7005-72-3	4-Chlorophenylphenyl ether	10	U	UG/LITER		P19	
	207-08-9	Benzo(k)fluoranthene	10	U	UG/LITER		P19	
	191-24-2	Benzo(g,h,i)perylene	10	U	UG/LITER		P19	
	121-14-2	2,4-Dinitrotoluene	10	U	UG/LITER		P19	
	95-95-4	2,4,5-Trichlorophenol	50	U	UG/LITER		P19	
	98-95-3	Nitrobenzene	10	U	UG/LITER		P19	
	100-01-6	4-Nitroaniline	50	U	UG/LITER		P19	
	100-02-7	4-Nitrophenol	50	U	UG/LITER		P19	
	100-51-6	Benzyl alcohol	10	U	UG/LITER		P19	
	101-55-3	4-Bromophenyl phenyl ether	10	U	UG/LITER		P19	
	105-67-9	2,4-Dimethylphenol	10	U	UG/LITER		P19	
	106-44-5	4-Methylphenol	10	U	UG/LITER		P19	
	106-46-7	1,4-Dichlorobenzene	10	U	UG/LITER		P19	
	106-47-8	4-Chloroaniline	10	U	UG/LITER		P19	
	108-60-1	bis(2-Chloroisopropyl)ether	10	U	UG/LITER		P19	
	111-44-4	bis(2-Chloroethyl)ether	10	U	UG/LITER		P19	
	108-95-2	Phenol	10	U	UG/LITER		P19	
	99-09-2	3-Nitroaniline	50	U	UG/LITER		P19	
	95-48-7	2-Methylphenol	10	U	UG/LITER		P19	
	91-94-1	3,3'-Dichlorobenzidine	20	U	UG/LITER		P19	
	85-68-7	Butyl benzyl phthalate	10	U	UG/LITER		P19	
	86-73-7	Fluorene	10	U	UG/LITER		P19	
	87-68-3	Hexachlorobutadiene	10	U	UG/LITER		P19	
	87-86-5	Pentachlorophenol	50	U	UG/LITER		P19	
	88-06-2	2,4,6-Trichlorophenol	10	U	UG/LITER		P19	
	88-74-4	2-Nitroaniline	50	U	UG/LITER		P19	
	88-75-5	2-Nitrophenol	10	U	UG/LITER		P19	
	86-30-6	N-Nitrosodiphenylamine	10	U	UG/LITER		P19	
	83-32-9	Acenaphthene	10	U	UG/LITER		P19	
	78-59-1	Isophorone	10	U	UG/LITER		P19	

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APPENDIX A
ANALYTICAL RESULTS

SAMPLE NUMBER	PARAMETER CODE	COMPOUND/ANALYTE	RESULTS	QUALIFIER	UNITS	PRODUCT CODE	SAMPLE LOCATION	FLAG
	77-47-4	Hexachlorocyclopentadiene	10	U	UG/LITER	ME 702	P19	TRG
	67-72-1	Hexachloroethane	10	U	UG/LITER		P19	
	56-55-3	Benzo(a)anthracene	10	U	UG/LITER		P19	
	59-50-7	4-Chloro-3-methylphenol	10	U	UG/LITER		P19	
	65-85-0	Benzoic acid	50	U	UG/LITER		P19	
	53-70-3	Dibenzo(a,h)anthracene	10	U	UG/LITER		P19	
	51-28-5	2,4-Dinitrophenol	50	U	UG/LITER		P19	
	56-23-5	Carbon Tetrachloride	5	U	UG/LITER	MV 702	P19	
	75-01-4	Vinyl chloride	10	U	UG/LITER		P19	
	100-41-4	Ethylbenzene	5	U	UG/LITER		P19	
	75-09-2	Methylene chloride	5	U	UG/LITER		P19	
	75-15-0	Carbon disulfide	5	U	UG/LITER		P19	
	75-25-2	Bromoform	5	U	UG/LITER		P19	
	100-42-5	Styrene	5	U	UG/LITER		P19	
	107-06-2	1,2-Dichloroethane	5	U	UG/LITER		P19	
	108-05-4	Vinyl Acetate	10	U	UG/LITER		P19	
	108-10-1	4-Methyl-2-pentanone	10	U	UG/LITER		P19	
	108-88-3	Toluene	5	U	UG/LITER		P19	
	108-90-7	Chlorobenzene	5	U	UG/LITER		P19	
	124-48-1	Dibromochloromethane	5	U	UG/LITER		P19	
	75-34-3	1,1-Dichloroethane	5	U	UG/LITER		P19	
	127-18-4	Tetrachloroethene	5	U	UG/LITER		P19	
	540-59-0	1,2-Dichloroethylene	5	U	UG/LITER		P19	
	591-78-6	2-Hexanone	10	U	UG/LITER		P19	
	1330-20-7	Total xylenes	5	U	UG/LITER		P19	
	10061-01-5	cis-1,3-Dichloropropene	5	U	UG/LITER		P19	
	10061-02-6	trans-1,3-Dichloropropene	5	U	UG/LITER		P19	
	75-35-4	1,1-Dichloroethene	5	U	UG/LITER		P19	
	78-87-5	1,2-Dichloropropane	5	U	UG/LITER		P19	
	78-93-3	2-Butanone	10	U	UG/LITER		P19	
	79-00-5	1,1,2-Trichloroethane	5	U	UG/LITER		P19	
	79-34-5	1,1,2,2-Tetrachloroethane	5	U	UG/LITER		P19	
	79-01-6	Trichloroethene	5	U	UG/LITER		P19	
	75-27-4	Bromodichloromethane	5	U	UG/LITER		P19	
	75-00-3	Chloroethane	10	U	UG/LITER		P19	
	71-55-6	1,1,1-Trichloroethane	5	U	UG/LITER		P19	
	74-83-9	Bromomethane	10	U	UG/LITER		P19	
	74-87-3	Chloromethane	10	U	UG/LITER		P19	
	71-43-2	Benzene	5	U	UG/LITER		P19	
	67-66-3	Chloroform	5	U	UG/LITER		P19	
	67-64-1	Acetone	9	J	UG/LITER		P19	
	57-12-5	Cyanide	10	U	UG/LITER	WW 034	P19	

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APPENDIX A
ANALYTICAL RESULTS

SAMP[redacted] NUMB	PARAMETER CODE	COMPOUND/ANALYTE	RESULTS	QUALIFIER	UNITS	PRODUCT CODE	SAMPLE LOCATION	FLAG
	7439-92-1	Lead	2	U	UG/LITER	AG 702	P21	TRG
	7782-49-2	Selenium	2	U	UG/LITER		P21	
	7440-38-2	Arsenic	3	UW	UG/LITER		P21	
	7440-28-0	Thallium	2	U	UG/LITER		P21	
	7429-90-5	Aluminum	752		UG/LITER	AP 703	P21	
	7440-70-2	Calcium	3910	B	UG/LITER		P21	
	7440-39-3	Barium	80	B	UG/LITER		P21	
	7440-41-7	Beryllium	1	U	UG/LITER		P21	
	7440-43-9	Cadmium	5	U	UG/LITER		P21	
	7440-47-3	Chromium	10	U	UG/LITER		P21	
	7440-48-4	Cobalt	20	U	UG/LITER		P21	
	7440-50-8	Copper	15	B	UG/LITER		P21	
	7440-62-2	Vanadium	10	U	UG/LITER		P21	
	7440-66-6	Zinc	10	B	UG/LITER		P21	
	7440-02-0	Nickel	20	U	UG/LITER		P21	
	7440-09-7	Potassium	1970	B	UG/LITER		P21	
	7440-22-4	Silver	5	U	UG/LITER		P21	
	7440-23-5	Sodium	4710	B	UG/LITER		P21	
	7440-36-0	Antimony	30	U	UG/LITER		P21	
	7439-95-4	Magnesium	1540	B	UG/LITER		P21	
	7439-96-5	Manganese	11	B	UG/LITER		P21	
	7439-89-6	Iron	332		UG/LITER		P21	
	7439-97-6	Mercury	.2	U	UG/LITER	AV 002	P21	
	56-23-5	Carbon Tetrachloride	9		UG/LITER	MV 702	P21	
	79-00-5	1,1,2-Trichloroethane	5	U	UG/LITER		P21	
	79-01-6	Trichloroethene	5	U	UG/LITER		P21	
	79-34-5	1,1,2,2-Tetrachloroethane	5	U	UG/LITER		P21	
	100-42-5	Styrene	5	U	UG/LITER		P21	
	107-06-2	1,2-Dichloroethane	5	U	UG/LITER		P21	
	108-05-4	Vinyl Acetate	10	U	UG/LITER		P21	
	108-10-1	4-Methyl-2-pentanone	10	U	UG/LITER		P21	
	108-88-3	Toluene	5	U	UG/LITER		P21	
	108-90-7	Chlorobenzene	5	U	UG/LITER		P21	
	124-48-1	Dibromochloromethane	5	U	UG/LITER		P21	
	127-18-4	Tetrachlorethene	5	U	UG/LITER		P21	
	540-59-0	1,2-Dichloroethylene	5	U	UG/LITER		P21	
	591-78-6	2-Hexanone	10	U	UG/LITER		P21	
	1330-20-7	Total xylenes	5	U	UG/LITER		P21	
	10061-02-6	trans-1,3-Dichloropropene	5	U	UG/LITER		P21	
	10061-01-5	cis-1,3-Dichloropropene	5	U	UG/LITER		P21	
	100-41-4	Ethylbenzene	5	U	UG/LITER		P21	
	67-66-3	Chloroform	4	J	UG/LITER		P21	
	75-25-2	Bromoform	5	U	UG/LITER		P21	
	75-27-4	Bromodichloromethane	5	U	UG/LITER		P21	
	75-34-3	1,1-Dichloroethane	5	U	UG/LITER		P21	
	75-35-4	1,1-Dichloroethene	5	U	UG/LITER		P21	
	78-87-5	1,2-Dichloropropane	5	U	UG/LITER		P21	
	78-93-3	2-Butanone	10	U	UG/LITER		P21	
	75-15-0	Carbon disulfide	5	U	UG/LITER		P21	
	75-09-2	Methylene chloride	5	U	UG/LITER		P21	
	75-01-4	Vinyl chloride	10	U	UG/LITER		P21	
	75-00-3	Chloroethane	10	U	UG/LITER		P21	
	74-87-3	Chloromethane	10	U	UG/LITER		P21	

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APPENDIX A
ANALYTICAL RESULTS

SAMP NUMB	PARAMETER CODE	COMPOUND/ANALYTE	RESULTS	QUALI FIER	UNITS	PRODUCT CODE	SAMPLE LOCATION	FLAG
	74-83-9	Bromomethane	10	U	UG/LITER	MV 702	P21	TRG
	71-55-6	1,1,1-Trichloroethane	5	U	UG/LITER		P21	
	71-43-2	Benzene	5	U	UG/LITER		P21	
	67-64-1	Acetone	15		UG/LITER		P21	
	57-12-5	Cyanide	10	U	UG/LITER	WW 034	P21	

3 10 01026

APPENDIX A
ANALYTICAL RESULTS

SAMPLE NUMBER	PARAMETER CODE	COMPOUND/ANALYTE	RESULTS	QUALIFIER	UNITS	PRODUCT CODE	SAMPLE LOCATION	FLAG
J	7439-92-1	Lead	2	U	UG/LITER	AG 702	P12	TRG
	7440-38-2	Arsenic	2	UN	UG/LITER		P12	
	7782-49-2	Selenium	13	UWN	UG/LITER		P12	
	7440-28-0	Thallium	2	U	UG/LITER		P12	
	7429-90-5	Aluminum	2960	*	UG/LITER	AP 703	P12	
	7440-22-4	Silver	5	U	UG/LITER		P12	
	7440-36-0	Antimony	30	U	UG/LITER		P12	
	7440-41-7	Beryllium	1	U	UG/LITER		P12	
	7440-47-3	Chromium	10	U	UG/LITER		P12	
	7440-50-8	Copper	10	U	UG/LITER		P12	
	7440-66-6	Zinc	13	B	UG/LITER		P12	
	7440-70-2	Calcium	2220	B	UG/LITER		P12	
	7440-62-2	Vanadium	10	U	UG/LITER		P12	
	7440-48-4	Cobalt	20	U	UG/LITER		P12	
	7440-43-9	Cadmium	5	U	UG/LITER		P12	
	7440-39-3	Barium	112	B	UG/LITER		P12	
	7440-23-5	Sodium	5820		UG/LITER		P12	
	7440-09-7	Potassium	2000	B	UG/LITER		P12	
	7439-95-4	Magnesium	1140	B	UG/LITER		P12	
	7440-02-0	Nickel	20	U	UG/LITER		P12	
	7439-96-5	Manganese	12	B	UG/LITER		P12	
	7439-89-6	Iron	1620		UG/LITER		P12	
	7439-97-6	Mercury	.3	U	UG/LITER	AV 001	P12	
	56-23-5	Carbon Tetrachloride	3	J	UG/LITER	MV 702	P12	
	108-88-3	Toluene	5	U	UG/LITER		P12	
	124-48-1	Dibromochloromethane	5	U	UG/LITER		P12	
	540-59-0	1,2-Dichloroethylene	5	U	UG/LITER		P12	
	1330-20-7	Total xylenes	5	U	UG/LITER		P12	
	10061-02-6	trans-1,3-Dichloropropene	5	U	UG/LITER		P12	
	10061-01-5	cis-1,3-Dichloropropene	5	U	UG/LITER		P12	
	591-78-6	2-Hexanone	10	U	UG/LITER		P12	
	127-18-4	Tetrachloroethene	20		UG/LITER		P12	
	108-90-7	Chlorobenzene	5	U	UG/LITER		P12	
	108-10-1	4-Methyl-2-pentanone	10	U	UG/LITER		P12	
	75-09-2	Methylene chloride	5	U	UG/LITER		P12	
	75-15-0	Carbon disulfide	5	U	UG/LITER		P12	
	75-25-2	Bromoform	5	U	UG/LITER		P12	
	75-34-3	1,1-Dichloroethane	5	U	UG/LITER		P12	
	75-35-4	1,1-Dichloroethene	5	U	UG/LITER		P12	
	78-87-5	1,2-Dichloropropane	5	U	UG/LITER		P12	
	79-00-5	1,1,2-Trichloroethane	5	U	UG/LITER		P12	
	79-01-6	Trichloroethene	5	U	UG/LITER		P12	
	79-34-5	1,1,2,2-Tetrachloroethane	5	U	UG/LITER		P12	
	100-42-5	Styrene	5	U	UG/LITER		P12	
	107-06-2	1,2-Dichloroethane	5	U	UG/LITER		P12	
	108-05-4	Vinyl Acetate	10	U	UG/LITER		P12	
	100-41-4	Ethylbenzene	5	U	UG/LITER		P12	
	78-93-3	2-Butanone	10	U	UG/LITER		P12	
	75-27-4	Bromodichloromethane	5	U	UG/LITER		P12	
	75-01-4	Vinyl chloride	10	U	UG/LITER		P12	
	71-55-6	1,1,1-Trichloroethane	5	U	UG/LITER		P12	
	74-83-9	Bromomethane	10	U	UG/LITER		P12	
	74-87-3	Chloromethane	10	U	UG/LITER		P12	

Thu Jul 20

3 10 01027

APPENDIX A
ANALYTICAL RESULTS

SAMP NUM.	PARAMETER CODE	COMPOUND/ANALYTE	RESULTS	QUALIFIER	UNITS	PRODUCT CODE	SAMPLE LOCATION	FLAG
	75-00-3	Chloroethane	10	U	UG/LITER	MV 702	P12	TRG
	67-66-3	Chloroform	5	U	UG/LITER		P12	
	71-43-2	Benzene	5	U	UG/LITER		P12	
	67-64-1	Acetone	12		UG/LITER		P12	
	57-12-5	Cyanide	11		UG/LITER	WW 034	P12	

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APPENDIX A
ANALYTICAL RESULTS

SAMP NUML	PARAMETER CODE	COMPOUND/ANALYTE	RESULTS	QUALIFIER	UNITS	PRODUCT CODE	SAMPLE LOCATION	FLAG
	7439-92-1	Lead	57		UG/LITER	AG 702	P13	TRG
	7440-38-2	Arsenic	29	UWN	UG/LITER		P13	
	7782-49-2	Selenium	41	UWN	UG/LITER		P13	
	7440-28-0	Thallium	2	U	UG/LITER		P13	
	7429-90-5	Aluminum	621	*	UG/LITER	AP 703	P13	
	7440-02-0	Nickel	20	U	UG/LITER		P13	
	7440-36-0	Antimony	30	U	UG/LITER		P13	
	7440-66-6	Zinc	10	B	UG/LITER		P13	
	7440-70-2	Calcium	5540		UG/LITER		P13	
	7440-39-3	Barium	96	B	UG/LITER		P13	
	7440-41-7	Beryllium	1	U	UG/LITER		P13	
	7440-43-9	Cadmium	5	U	UG/LITER		P13	
	7440-47-3	Chromium	10	U	UG/LITER		P13	
	7440-48-4	Cobalt	20	U	UG/LITER		P13	
	7440-62-2	Vanadium	10	U	UG/LITER		P13	
	7440-50-8	Copper	10	U	UG/LITER		P13	
	7440-09-7	Potassium	2500	B	UG/LITER		P13	
	7440-23-5	Sodium	3130	B	UG/LITER		P13	
	7440-22-4	Silver	5	U	UG/LITER		P13	
	7439-95-4	Magnesium	2380	B	UG/LITER		P13	
	7439-96-5	Manganese	406		UG/LITER		P13	
	7439-89-6	Iron	232		UG/LITER		P13	
	7439-97-6	Mercury	.3		UG/LITER	AV 001	P13	
	56-23-5	Carbon Tetrachloride	5		UG/LITER	MV 702	P13	
	71-43-2	Benzene	5	U	UG/LITER		P13	
	71-55-6	1,1,1-Trichloroethane	31		UG/LITER		P13	
	75-15-0	Carbon disulfide	5	U	UG/LITER		P13	
	79-34-5	1,1,2,2-Tetrachloroethane	5	U	UG/LITER		P13	
	100-41-4	Ethylbenzene	5	U	UG/LITER		P13	
	100-42-5	Styrene	5	U	UG/LITER		P13	
	108-05-4	Vinyl Acetate	10	U	UG/LITER		P13	
	108-10-1	4-Methyl-2-pentanone	10	U	UG/LITER		P13	
	108-88-3	Toluene	5	U	UG/LITER		P13	
	124-48-1	Dibromochloromethane	5	U	UG/LITER		P13	
	127-18-4	Tetrachloroethene	18		UG/LITER		P13	
	540-59-0	1,2-Dichloroethylene	39		UG/LITER		P13	
	591-78-6	2-Hexanone	10	U	UG/LITER		P13	
	1330-20-7	Total xylenes	5	U	UG/LITER		P13	
	10061-01-5	cis-1,3-Dichloropropene	5	U	UG/LITER		P13	
	10061-02-6	trans-1,3-Dichloropropene	5	U	UG/LITER		P13	
	108-90-7	Chlorobenzene	5	U	UG/LITER		P13	
	107-06-2	1,2-Dichloroethane	5	U	UG/LITER		P13	
	75-25-2	Bromoform	5	U	UG/LITER		P13	
	75-27-4	Bromodichloromethane	5	U	UG/LITER		P13	
	75-35-4	1,1-Dichloroethene	36		UG/LITER		P13	
	78-87-5	1,2-Dichloropropane	5	U	UG/LITER		P13	
	78-93-3	2-Butanone	10	U	UG/LITER		P13	
	79-00-5	1,1,2-Trichloroethane	5	U	UG/LITER		P13	
	79-01-6	Trichloroethene	16		UG/LITER		P13	
	75-34-3	1,1-Dichloroethane	75		UG/LITER		P13	
	75-09-2	Methylene chloride	5	U	UG/LITER		P13	
	74-83-9	Bromomethane	10	U	UG/LITER		P13	
	75-01-4	Vinyl chloride	10	U	UG/LITER		P13	

APPENDIX A
ANALYTICAL RESULTS

3 10 01029

SAM NUMBE	PARAMETER CODE	COMPOUND/ANALYTE	RESULTS	QUALI FIER	UNITS	PRODUCT CODE	SAMPLE LOCATION	FLAG
4	75-00-3	Chloroethane	10	U	UG/LITER	MV 702	P13	TRG
	74-87-3	Chloromethane	10	U	UG/LITER		P13	
	67-66-3	Chloroform	140		UG/LITER		P13	
	67-64-1	Acetone	11	B	UG/LITER		P13	
	57-12-5	Cyanide	20	U	UG/LITER	WW 034	P13	

APPENDIX A
ANALYTICAL RESULTS

3 10 01030

SAMP NUMB	PARAMETER CODE	COMPOUND/ANALYTE	RESULTS	QUALIFIER	UNITS	PRODUCT CODE	SAMPLE LOCATION	FLAG
	7439-92-1	Lead	18		UG/LITER	AG 702	DW3	TRG
	7782-49-2	Selenium	12	U	UG/LITER		DW3	
	7440-38-2	Arsenic	2	U	UG/LITER		DW3	
	7440-28-0	Thallium	2	UW	UG/LITER		DW3	
	7429-90-5	Aluminum	1980		UG/LITER	AP 703	DW3	
	7440-22-4	Silver	5	U	UG/LITER		DW3	
	7440-23-5	Sodium	1600	B	UG/LITER		DW3	
	7440-36-0	Antimony	30	U	UG/LITER		DW3	
	7440-39-3	Barium	25	B	UG/LITER		DW3	
	7440-41-7	Beryllium	1	U	UG/LITER		DW3	
	7440-70-2	Calcium	23600		UG/LITER		DW3	
	7440-66-6	Zinc	30		UG/LITER		DW3	
	7440-62-2	Vanadium	26	B	UG/LITER		DW3	
	7440-50-8	Copper	17	B	UG/LITER		DW3	
	7440-48-4	Cobalt	20	U	UG/LITER		DW3	
	7440-47-3	Chromium	15		UG/LITER		DW3	
	7440-43-9	Cadmium	5	U	UG/LITER		DW3	
	7440-09-7	Potassium	1340	B	UG/LITER		DW3	
	7440-02-0	Nickel	20	U	UG/LITER		DW3	
	7439-96-5	Manganese	10	B	UG/LITER		DW3	
	7439-95-4	Magnesium	696	B	UG/LITER		DW3	
	7439-89-6	Iron	521		UG/LITER		DW3	
	7439-97-6	Mercury	.2	U	UG/LITER	AV 001	DW3	
	56-23-5	Carbon Tetrachloride	5	U	UG/LITER	MV 702	DW3	
	75-09-2	Methylene chloride	2	BJ	UG/LITER		DW3	
	75-15-0	Carbon disulfide	5	U	UG/LITER		DW3	
	100-41-4	Ethylbenzene	5	U	UG/LITER		DW3	
	75-25-2	Bromoform	5	U	UG/LITER		DW3	
	75-27-4	Bromodichloromethane	5	U	UG/LITER		DW3	
	100-42-5	Styrene	5	U	UG/LITER		DW3	
	107-06-2	1,2-Dichloroethane	5	U	UG/LITER		DW3	
	108-05-4	Vinyl Acetate	10	U	UG/LITER		DW3	
	108-10-1	4-Methyl-2-pentanone	10	U	UG/LITER		DW3	
	108-88-3	Toluene	5	U	UG/LITER		DW3	
	108-90-7	Chlorobenzene	5	U	UG/LITER		DW3	
	591-78-6	2-Hexanone	10	U	UG/LITER		DW3	
	1330-20-7	Total xylenes	5	U	UG/LITER		DW3	
	10061-01-5	cis-1,3-Dichloropropene	5	U	UG/LITER		DW3	
	10061-02-6	trans-1,3-Dichloropropene	5	U	UG/LITER		DW3	
	540-59-0	1,2-Dichloroethylene	5	U	UG/LITER		DW3	
	127-18-4	Tetrachloroethene	5	U	UG/LITER		DW3	
	124-48-1	Dibromochloromethane	5	U	UG/LITER		DW3	
	75-35-4	1,1-Dichloroethene	5	U	UG/LITER		DW3	
	78-87-5	1,2-Dichloropropane	5	U	UG/LITER		DW3	
	78-93-3	2-Butanone	10	U	UG/LITER		DW3	
	79-00-5	1,1,2-Trichloroethane	5	U	UG/LITER		DW3	
	79-01-6	Trichloroethene	5	U	UG/LITER		DW3	
	79-34-5	1,1,2,2-Tetrachloroethane	5	U	UG/LITER		DW3	
	75-34-3	1,1-Dichloroethane	5	U	UG/LITER		DW3	
	75-01-4	Vinyl chloride	10	U	UG/LITER		DW3	
	75-00-3	Chloroethane	10	U	UG/LITER		DW3	
	67-66-3	Chloroform	5	U	UG/LITER		DW3	
	74-87-3	Chloromethane	10	U	UG/LITER		DW3	

APPENDIX A
ANALYTICAL RESULTS

3 10 01031

SAMPLE NUMB.	PARAMETER CODE	COMPOUND/ANALYTE	RESULTS	QUALIFIER	UNITS	PRODUCT CODE	SAMPLE LOCATION	FLAG
	71-55-6	1,1,1-Trichloroethane	5	U	UG/LITER	MV 702	DW3	TRG
	74-83-9	Bromomethane	10	U	UG/LITER		DW3	
	71-43-2	Benzene	5	U	UG/LITER		DW3	
	67-64-1	Acetone	20	B	UG/LITER		DW3	
	57-12-5	Cyanide	10	U	UG/LITER	WW 034	DW3	

APPENDIX A
ANALYTICAL RESULTS

3 10 01032

SAMPLE NUMBER	PARAMETER CODE	COMPOUND/ANALYTE	RESULTS	QUALIFIER	UNITS	PRODUCT CODE	SAMPLE LOCATION	FLAG
[redacted]	7439-92-1	Lead	2	U	UG/LITER	AG 702	DW1	TRG
	7440-38-2	Arsenic	2	U	UG/LITER		DW1	
	7782-49-2	Selenium	16	UW	UG/LITER		DW1	
	7440-28-0	Thallium	3	UW	UG/LITER		DW1	
	7429-90-5	Aluminum	83	B	UG/LITER	AP 703	DW1	
	7439-96-5	Manganese	25		UG/LITER		DW1	
	7440-09-7	Potassium	1000	U	UG/LITER		DW1	
	7440-22-4	Silver	5	U	UG/LITER		DW1	
	7440-23-5	Sodium	5390		UG/LITER		DW1	
	7440-50-8	Copper	10	U	UG/LITER		DW1	
	7440-62-2	Vanadium	10	U	UG/LITER		DW1	
	7440-66-6	Zinc	29		UG/LITER		DW1	
	7440-48-4	Cobalt	20	U	UG/LITER		DW1	
	7440-70-2	Calcium	433	B	UG/LITER		DW1	
	7440-47-3	Chromium	10	U	UG/LITER		DW1	
	7440-41-7	Beryllium	1	U	UG/LITER		DW1	
	7440-43-9	Cadmium	5	U	UG/LITER		DW1	
	7440-39-3	Barium	4	B	UG/LITER		DW1	
	7440-36-0	Antimony	30	U	UG/LITER		DW1	
	7440-02-0	Nickel	20	U	UG/LITER		DW1	
	7439-95-4	Magnesium	36	B	UG/LITER		DW1	
	7439-89-6	Iron	166		UG/LITER		DW1	
	7439-97-6	Mercury	.3		UG/LITER	AV 001	DW1	
	50-29-3	4,4'-DDT	.1	U	UG/LITER	GC 720	DW1	
	72-20-8	Endrin	.1	U	UG/LITER		DW1	
	72-43-5	Methoxychlor	.5	U	UG/LITER		DW1	
	72-54-8	4,4'-DDD	.1	U	UG/LITER		DW1	
	1024-57-3	Heptachlor epoxide	.05	U	UG/LITER		DW1	
	33213-65-9	Endosulfan II	.1	U	UG/LITER		DW1	
	53469-21-9	Aroclor-1242	.5	U	UG/LITER		DW1	
	53494-70-5	Endrin ketone	.1	U	UG/LITER		DW1	
	1031-07-8	Endosulfan sulfate	.1	U	UG/LITER		DW1	
	5103-71-9	alpha-Chlordane	.5	U	UG/LITER		DW1	
	5103-74-2	gamma-Chlordane	.5	U	UG/LITER		DW1	
	8001-35-2	Toxaphene	1	U	UG/LITER		DW1	
	11096-82-5	Aroclor-1260	1	U	UG/LITER		DW1	
	11097-69-1	Aroclor-1254	1	U	UG/LITER		DW1	
	11104-28-2	Aroclor-1221	.5	U	UG/LITER		DW1	
	11141-16-5	Aroclor-1232	.5	U	UG/LITER		DW1	
	12674-11-2	Aroclor-1016	.5	U	UG/LITER		DW1	
	12672-29-6	Aroclor-1248	.5	U	UG/LITER		DW1	
	959-98-8	Endosulfan-I	.05	U	UG/LITER		DW1	
	319-86-8	delta-BHC	.05	U	UG/LITER		DW1	
	72-55-9	4,4'-DDE	.1	U	UG/LITER		DW1	
	319-85-7	beta-BHC	.05	U	UG/LITER		DW1	
	319-84-6	alpha-BHC	.05	U	UG/LITER		DW1	
	309-00-2	Aldrin	.05	U	UG/LITER		DW1	
	76-44-8	Heptachlor	.05	U	UG/LITER		DW1	
	60-57-1	Dieldrin	.1	U	UG/LITER		DW1	
	58-89-9	gamma-BHC (Lindane)	.05	U	UG/LITER		DW1	
	50-32-8	Benzo(a)pyrene	10	U	UG/LITER	ME 702	DW1	
	53-70-3	Dibenzo(a,h)anthracene	10	U	UG/LITER		DW1	

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APPENDIX A
ANALYTICAL RESULTS

SAMPLE NUMBER	PARAMETER CODE	COMPOUND/ANALYTE	RESULTS	QUALIFIER	UNITS	PRODUCT CODE	SAMPLE LOCATION	FLAG
	88-74-4	2-Nitroaniline	50	U	UG/LITER	ME 702	DW1	TRG
	88-75-5	2-Nitrophenol	10	U	UG/LITER		DW1	
	120-82-1	1,2,4-Trichlorobenzene	10	U	UG/LITER		DW1	
	120-83-2	2,4-Dichlorophenol	10	U	UG/LITER		DW1	
	121-14-2	2,4-Dinitrotoluene	10	U	UG/LITER		DW1	
	129-00-0	Pyrene	10	U	UG/LITER		DW1	
	131-11-3	Dimethyl phthalate	10	U	UG/LITER		DW1	
	132-64-9	Dibenzofuran	10	U	UG/LITER		DW1	
	205-99-2	Benzo(b)fluoranthene	10	U	UG/LITER		DW1	
	206-44-0	Fluoranthene	10	U	UG/LITER		DW1	
	207-08-9	Benzo(k)fluoranthene	10	U	UG/LITER		DW1	
	193-39-5	Indeno(1,2,3-cd)pyrene	10	U	UG/LITER		DW1	
	191-24-2	Benzo(g,h,i)perylene	10	U	UG/LITER		DW1	
	208-96-8	Acenaphthylene	10	U	UG/LITER		DW1	
	91-20-3	Naphthalene	10	U	UG/LITER		DW1	
	91-58-7	2-Chloronaphthalene	10	U	UG/LITER		DW1	
	91-94-1	3,3'-Dichlorobenzidine	20	U	UG/LITER		DW1	
	95-48-7	2-Methylphenol	10	U	UG/LITER		DW1	
	218-01-9	Chrysene	10	U	UG/LITER		DW1	
	534-52-1	4,6-Dinitro-2-methylphenol	50	U	UG/LITER		DW1	
	95-50-1	1,2-Dichlorobenzene	10	U	UG/LITER		DW1	
	95-57-8	2-Chlorophenol	10	U	UG/LITER		DW1	
	95-95-4	2,4,5-Trichlorophenol	50	U	UG/LITER		DW1	
	541-73-1	1,3-Dichlorobenzene	10	U	UG/LITER		DW1	
	606-20-2	2,6-Dinitrotoluene	10	U	UG/LITER		DW1	
	621-64-7	N-Nitroso-di-n-propylamine	10	U	UG/LITER		DW1	
	98-95-3	Nitrobenzene	10	U	UG/LITER		DW1	
	99-09-2	3-Nitroaniline	50	U	UG/LITER		DW1	
	100-01-6	4-Nitroaniline	50	U	UG/LITER		DW1	
	7005-72-3	4-Chlorophenylphenyl ether	10	U	UG/LITER		DW1	
	100-02-7	4-Nitrophenol	50	U	UG/LITER		DW1	
	100-51-6	Benzyl alcohol	10	U	UG/LITER		DW1	
	101-55-3	4-Bromophenyl phenyl ether	10	U	UG/LITER		DW1	
	106-44-5	4-Methylphenol	10	U	UG/LITER		DW1	
	106-46-7	1,4-Dichlorobenzene	10	U	UG/LITER		DW1	
	106-47-8	4-Chloroaniline	10	U	UG/LITER		DW1	
	108-60-1	bis(2-Chloroisopropyl)ether	10	U	UG/LITER		DW1	
	111-44-4	bis(2-Chloroethyl)ether	10	U	UG/LITER		DW1	
	111-91-1	bis(2-Chloroethoxy)methane	10	U	UG/LITER		DW1	
	117-81-7	bis(2-Ethylhexyl) phthalate	10	U	UG/LITER		DW1	
	117-84-0	Di-n-octyl phthalate	10	U	UG/LITER		DW1	
	120-12-7	Anthracene	10	U	UG/LITER		DW1	
	118-74-1	Hexachlorobenzene	10	U	UG/LITER		DW1	
	108-95-2	Phenol	10	U	UG/LITER		DW1	
	105-67-9	2,4-Dimethylphenol	10	U	UG/LITER		DW1	
	91-57-6	2-Methylnaphthalene	10	U	UG/LITER		DW1	
	56-55-3	Benzo(a)anthracene	10	U	UG/LITER		DW1	
	85-01-8	Phenanthrene	10	U	UG/LITER		DW1	
	85-68-7	Butyl benzyl phthalate	10	U	UG/LITER		DW1	
	86-30-6	N-Nitrosodiphenylamine	10	U	UG/LITER		DW1	
	86-73-7	Fluorene	10	U	UG/LITER		DW1	
	87-68-3	Hexachlorobutadiene	10	U	UG/LITER		DW1	
	87-86-5	Pentachlorophenol	50	U	UG/LITER		DW1	
	88-06-2	2,4,6-Trichlorophenol	10	U	UG/LITER		DW1	
	84-74-2	Di-n-butyl phthalate	10	U	UG/LITER		DW1	
	84-66-2	Diethyl phthalate	10	U	UG/LITER		DW1	

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APPENDIX A
ANALYTICAL RESULTS

SAMPLE NUM	PARAMETER CODE	COMPOUND/ANALYTE	RESULTS	QUALIFIER	UNITS	PRODUCT CODE	SAMPLE LOCATION	FLAG
J.	83-32-9	Acenaphthene	10	U	UG/LITER	ME 702	DW1	TRG
	78-59-1	Isophorone	10	U	UG/LITER		DW1	
	77-47-4	Hexachlorocyclopentadiene	10	U	UG/LITER		DW1	
	67-72-1	Hexachloroethane	10	U	UG/LITER		DW1	
	65-85-0	Benzoic acid	50	U	UG/LITER		DW1	
	59-50-7	4-Chloro-3-methylphenol	10	U	UG/LITER		DW1	
	51-28-5	2,4-Dinitrophenol	50	U	UG/LITER		DW1	
	56-23-5	Carbon Tetrachloride	5	U	UG/LITER	MV 702	DW1	
	75-15-0	Carbon disulfide	5	U	UG/LITER		DW1	
	100-42-5	Styrene	5	U	UG/LITER		DW1	
	107-06-2	1,2-Dichloroethane	5	U	UG/LITER		DW1	
	108-05-4	Vinyl Acetate	10	U	UG/LITER		DW1	
	108-10-1	4-Methyl-2-pentanone	10	U	UG/LITER		DW1	
	108-88-3	Toluene	5	U	UG/LITER		DW1	
	108-90-7	Chlorobenzene	5	U	UG/LITER		DW1	
	124-48-1	Dibromochloromethane	5	U	UG/LITER		DW1	
	127-18-4	Tetrachloroethene	5	U	UG/LITER		DW1	
	540-59-0	1,2-Dichloroethylene	5	U	UG/LITER		DW1	
	1330-20-7	Total xylenes	5	U	UG/LITER		DW1	
	10061-01-5	cis-1,3-Dichloropropene	5	U	UG/LITER		DW1	
	10061-02-6	trans-1,3-Dichloropropene	5	U	UG/LITER		DW1	
	591-78-6	2-Hexanone	10	U	UG/LITER		DW1	
	75-25-2	Bromoform	5	U	UG/LITER		DW1	
	75-27-4	Bromodichloromethane	5	U	UG/LITER		DW1	
	75-34-3	1,1-Dichloroethane	5	U	UG/LITER		DW1	
	78-87-5	1,2-Dichloropropane	5	U	UG/LITER		DW1	
	78-93-3	2-Butanone	10	U	UG/LITER		DW1	
	79-00-5	1,1,2-Trichloroethane	5	U	UG/LITER		DW1	
	79-01-6	Trichloroethene	5	U	UG/LITER		DW1	
	79-34-5	1,1,2,2-Tetrachloroethane	5	U	UG/LITER		DW1	
	100-41-4	Ethylbenzene	5	U	UG/LITER		DW1	
	75-35-4	1,1-Dichloroethene	5	U	UG/LITER		DW1	
	75-09-2	Methylene chloride	5	U	UG/LITER		DW1	
	75-01-4	Vinyl chloride	10	U	UG/LITER		DW1	
	75-00-3	Chloroethane	10	U	UG/LITER		DW1	
	74-87-3	Chloromethane	10	U	UG/LITER		DW1	
	71-43-2	Benzene	5	U	UG/LITER		DW1	
	71-55-6	1,1,1-Trichloroethane	5	U	UG/LITER		DW1	
	74-83-9	Bromomethane	10	U	UG/LITER		DW1	
	67-66-3	Chloroform	5	U	UG/LITER		DW1	
	67-64-1	Acetone	5	J	UG/LITER		DW1	
	57-12-5	Cyanide	10	U	UG/LITER	WW 034	DW1	

3 10 01035

APPENDIX A
ANALYTICAL RESULTS

SAMP NUMBE	PARAMETER CODE	COMPOUND/ANALYTE	RESULTS	QUALI FIER	UNITS	PRODUCT CODE	SAMPLE LOCATION	FLAG
Jc	7439-92-1	Lead	2	U	UG/LITER	AG 702	P16	TRG
	7440-38-2	Arsenic	2	U	UG/LITER		P16	
	7782-49-2	Selenium	5	UW	UG/LITER		P16	
	7440-28-0	Thallium	3	UW	UG/LITER		P16	
	7429-90-5	Aluminum	285		UG/LITER	AP 703	P16	
	7440-70-2	Calcium	19300		UG/LITER		P16	
	7439-96-5	Manganese	6440		UG/LITER		P16	
	7440-02-0	Nickel	20	U	UG/LITER		P16	
	7440-43-9	Cadmium	5		UG/LITER		P16	
	7440-47-3	Chromium	10	U	UG/LITER		P16	
	7440-48-4	Cobalt	63		UG/LITER		P16	
	7440-50-8	Copper	10	U	UG/LITER		P16	
	7440-66-6	Zinc	8	B	UG/LITER		P16	
	7440-62-2	Vanadium	10	U	UG/LITER		P16	
	7440-41-7	Beryllium	1	U	UG/LITER		P16	
	7440-39-3	Barium	206		UG/LITER		P16	
	7440-36-0	Antimony	30	U	UG/LITER		P16	
	7440-23-5	Sodium	10200		UG/LITER		P16	
	7440-22-4	Silver	5	U	UG/LITER		P16	
	7440-09-7	Potassium	1630		UG/LITER		P16	
	7439-95-4	Magnesium	8910		UG/LITER		P16	
	7439-89-6	Iron	6090		UG/LITER		P16	
	7439-97-6	Mercury	.2	U	UG/LITER	AV 001	P16	
	50-29-3	4,4'-DDT	.1	U	UG/LITER	GC 720	P16	
	72-20-8	Endrin	.1	U	UG/LITER		P16	
	72-43-5	Methoxychlor	.5	U	UG/LITER		P16	
	11097-69-1	Aroclor-1254	1	U	UG/LITER		P16	
	11104-28-2	Aroclor-1221	.5	U	UG/LITER		P16	
	33213-65-9	Endosulfan II	.1	U	UG/LITER		P16	
	53469-21-9	Aroclor-1242	.5	U	UG/LITER		P16	
	53494-70-5	Endrin ketone	.1	U	UG/LITER		P16	
	12674-11-2	Aroclor-1016	.5	U	UG/LITER		P16	
	12672-29-6	Aroclor-1248	.5	U	UG/LITER		P16	
	11141-16-5	Aroclor-1232	.5	U	UG/LITER		P16	
	72-54-8	4,4'-DDD	.1	U	UG/LITER		P16	
	1024-57-3	Heptachlor epoxide	.05	U	UG/LITER		P16	
	1031-07-8	Endosulfan sulfate	.1	U	UG/LITER		P16	
	5103-71-9	alpha-Chlordane	.5	U	UG/LITER		P16	
	5103-74-2	gamma-Chlordane	.5	U	UG/LITER		P16	
	8001-35-2	Toxaphene	1	U	UG/LITER		P16	
	11096-82-5	Aroclor-1260	1	U	UG/LITER		P16	
	959-98-8	Endosulfan-I	.05	U	UG/LITER		P16	
	319-86-8	delta-BHC	.05	U	UG/LITER		P16	
	72-55-9	4,4'-DDE	.1	U	UG/LITER		P16	
	319-85-7	beta-BHC	.05	U	UG/LITER		P16	
	319-84-6	alpha-BHC	.05	U	UG/LITER		P16	
	309-00-2	Aldrin	.05	U	UG/LITER		P16	
	76-44-8	Heptachlor	.05	U	UG/LITER		P16	
	60-57-1	Dieldrin	.1	U	UG/LITER		P16	
	58-89-9	gamma-BHC (Lindane)	.05	U	UG/LITER		P16	
	50-32-8	Benzo(a)pyrene	10	U	UG/LITER	ME 702	P16	
	111-44-4	bis(2-Chloroethyl)ether	5	J	UG/LITER		P16	

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APPENDIX A
ANALYTICAL RESULTS

SAMPLE NUMBER	PARAMETER CODE	COMPOUND/ANALYTE	RESULTS	QUALIFIER	UNITS	PRODUCT CODE	SAMPLE LOCATION	FLAG
J	111-91-1	bis(2-Chloroethoxy)methane	10	U	UG/LITER	ME 702	P16	TRG
	117-81-7	bis(2-Ethylhexyl) phthalate	10	U	UG/LITER		P16	
	118-74-1	Hexachlorobenzene	10	U	UG/LITER		P16	
	120-12-7	Anthracene	10	U	UG/LITER		P16	
	120-82-1	1,2,4-Trichlorobenzene	10	U	UG/LITER		P16	
	121-14-2	2,4-Dinitrotoluene	10	U	UG/LITER		P16	
	129-00-0	Pyrene	10	U	UG/LITER		P16	
	131-11-3	Dimethyl phthalate	10	U	UG/LITER		P16	
	191-24-2	Benzo(g,h,i)perylene	10	U	UG/LITER		P16	
	193-39-5	Indeno(1,2,3-cd)pyrene	10	U	UG/LITER		P16	
	205-99-2	Benzo(b)fluoranthene	10	U	UG/LITER		P16	
	206-44-0	Fluoranthene	10	U	UG/LITER		P16	
	207-08-9	Benzo(k)fluoranthene	10	U	UG/LITER		P16	
	208-96-8	Acenaphthylene	10	U	UG/LITER		P16	
	132-64-9	Dibenzofuran	10	U	UG/LITER		P16	
	218-01-9	Chrysene	10	U	UG/LITER		P16	
	534-52-1	4,6-Dinitro-2-methylphenol	50	U	UG/LITER		P16	
	541-73-1	1,3-Dichlorobenzene	10	U	UG/LITER		P16	
	606-20-2	2,6-Dinitrotoluene	10	U	UG/LITER		P16	
	120-83-2	2,4-Dichlorophenol	10	U	UG/LITER		P16	
	117-84-0	Di-n-octyl phthalate	10	U	UG/LITER		P16	
	59-50-7	4-Chloro-3-methylphenol	10	U	UG/LITER		P16	
	621-64-7	N-Nitroso-di-n-propylamine	10	U	UG/LITER		P16	
	7005-72-3	4-Chlorophenylphenyl ether	10	U	UG/LITER		P16	
	88-06-2	2,4,6-Trichlorophenol	10	U	UG/LITER		P16	
	88-74-4	2-Nitroaniline	50	U	UG/LITER		P16	
	88-75-5	2-Nitrophenol	10	U	UG/LITER		P16	
	91-20-3	Naphthalene	3	J	UG/LITER		P16	
	91-57-6	2-Methylnaphthalene	10	U	UG/LITER		P16	
	91-58-7	2-Chloronaphthalene	10	U	UG/LITER		P16	
	91-94-1	3,3'-Dichlorobenzidine	20	U	UG/LITER		P16	
	95-50-1	1,2-Dichlorobenzene	190		UG/LITER		P16	
	95-57-8	2-Chlorophenol	340	D	UG/LITER		P16	
	95-95-4	2,4,5-Trichlorophenol	50	U	UG/LITER		P16	
	98-95-3	Nitrobenzene	10	U	UG/LITER		P16	
	99-09-2	3-Nitroaniline	50	U	UG/LITER		P16	
	100-01-6	4-Nitroaniline	50	U	UG/LITER		P16	
	100-02-7	4-Nitrophenol	50	U	UG/LITER		P16	
	100-51-6	Benzyl alcohol	10	U	UG/LITER		P16	
	105-67-9	2,4-Dimethylphenol	10	U	UG/LITER		P16	
	106-44-5	4-Methylphenol	10	U	UG/LITER		P16	
	106-46-7	1,4-Dichlorobenzene	6	J	UG/LITER		P16	
	106-47-8	4-Chloroaniline	10	U	UG/LITER		P16	
	108-60-1	bis(2-Chloroisopropyl)ether	10	U	UG/LITER		P16	
	108-95-2	Phenol	130		UG/LITER		P16	
	101-55-3	4-Bromophenyl phenyl ether	10	U	UG/LITER		P16	
	95-48-7	2-Methylphenol	10	U	UG/LITER		P16	
	65-85-0	Benzoic acid	50	U	UG/LITER		P16	
	67-72-1	Hexachloroethane	10	U	UG/LITER		P16	
	77-47-4	Hexachlorocyclopentadiene	10	U	UG/LITER		P16	
	86-30-6	N-Nitrosodiphenylamine	10	U	UG/LITER		P16	
	85-68-7	Butyl benzyl phthalate	10	U	UG/LITER		P16	
	87-86-5	Pentachlorophenol	50	U	UG/LITER		P16	
	87-68-3	Hexachlorobutadiene	10	U	UG/LITER		P16	
	86-73-7	Fluorene	10	U	UG/LITER		P16	
	78-59-1	Isophorone	10	U	UG/LITER		P16	

APPENDIX A
ANALYTICAL RESULTS

3 10 01037

SAMPLE NUMBER	PARAMETER CODE	COMPOUND/ANALYTE	RESULTS	QUALIFIER	UNITS	PRODUCT CODE	SAMPLE LOCATION	FLAG
	85-01-8	Phenanthrene	10	U	UG/LITER	ME 702	P16	TRG
	84-74-2	Di-n-butyl phthalate	10	U	UG/LITER		P16	
	84-66-2	Diethyl phthalate	10	U	UG/LITER		P16	
	83-32-9	Acenaphthene	10	U	UG/LITER		P16	
	53-70-3	Dibenzo(a,h)anthracene	10	U	UG/LITER		P16	
	56-55-3	Benzo(a)anthracene	10	U	UG/LITER		P16	
	51-28-5	2,4-Dinitrophenol	50	U	UG/LITER		P16	
	56-23-5	Carbon Tetrachloride	100	U	UG/LITER	MV 702	P16	
	79-00-5	1,1,2-Trichloroethane	100	U	UG/LITER		P16	
	79-01-6	Trichloroethene	190		UG/LITER		P16	
	79-34-5	1,1,2,2-Tetrachloroethane	120		UG/LITER		P16	
	100-42-5	Styrene	100	U	UG/LITER		P16	
	107-06-2	1,2-Dichloroethane	100	U	UG/LITER		P16	
	108-05-4	Vinyl Acetate	200	U	UG/LITER		P16	
	108-10-1	4-Methyl-2-pentanone	67	J	UG/LITER		P16	
	108-90-7	Chlorobenzene	100	U	UG/LITER		P16	
	124-48-1	Dibromochloromethane	100	U	UG/LITER		P16	
	127-18-4	Tetrachloroethene	110		UG/LITER		P16	
	540-59-0	1,2-Dichloroethylene	1200		UG/LITER		P16	
	591-78-6	2-Hexanone	200	U	UG/LITER		P16	
	1330-20-7	Total xylenes	150		UG/LITER		P16	
	10061-01-5	cis-1,3-Dichloropropene	100	U	UG/LITER		P16	
	10061-02-6	trans-1,3-Dichloropropene	100	U	UG/LITER		P16	
	108-88-3	Toluene	580		UG/LITER		P16	
	100-41-4	Ethylbenzene	67	J	UG/LITER		P16	
	75-15-0	Carbon disulfide	100	U	UG/LITER		P16	
	75-25-2	Bromoform	100	U	UG/LITER		P16	
	75-09-2	Methylene chloride	180		UG/LITER		P16	
	75-34-3	1,1-Dichloroethane	1800		UG/LITER		P16	
	75-35-4	1,1-Dichloroethene	590		UG/LITER		P16	
	78-87-5	1,2-Dichloropropane	100	U	UG/LITER		P16	
	78-93-3	2-Butanone	230		UG/LITER		P16	
	75-27-4	Bromodichloromethane	100	U	UG/LITER		P16	
	75-01-4	Vinyl chloride	200	U	UG/LITER		P16	
	67-66-3	Chloroform	670		UG/LITER		P16	
	75-00-3	Chloroethane	200	U	UG/LITER		P16	
	74-87-3	Chloromethane	200	U	UG/LITER		P16	
	74-83-9	Bromomethane	200	U	UG/LITER		P16	
	71-55-6	1,1,1-Trichloroethane	560		UG/LITER		P16	
	71-43-2	Benzene	64	J	UG/LITER		P16	
	67-64-1	Acetone	2200		UG/LITER		P16	
	57-12-5	Cyanide	10	U	UG/LITER	WW 034	P16	

Thu Jul 20

3 10 01038

APPENDIX A
ANALYTICAL RESULTS

SAMP NUMB	PARAMETER CODE	COMPOUND/ANALYTE	RESULTS	QUALIFIER	UNITS	PRODUCT CODE	SAMPLE LOCATION	FLAG
3	7439-92-1	Lead	2	U	UG/LITER	AG 702	P16	TRG
	7782-49-2	Selenium	4	UW	UG/LITER		P16	
	7440-38-2	Arsenic	2	U	UG/LITER		P16	
	7440-28-0	Thallium	3	UW	UG/LITER		P16	
	7429-90-5	Aluminum	237		UG/LITER	AP 703	P16	
	7440-41-7	Beryllium	1	U	UG/LITER		P16	
	7440-43-9	Cadmium	5		UG/LITER		P16	
	7440-47-3	Chromium	10	U	UG/LITER		P16	
	7440-48-4	Cobalt	49	B	UG/LITER		P16	
	7440-50-8	Copper	10	U	UG/LITER		P16	
	7440-62-2	Vanadium	10	U	UG/LITER		P16	
	7440-66-6	Zinc	6	B	UG/LITER		P16	
	7440-70-2	Calcium	18200		UG/LITER		P16	
	7440-39-3	Barium	187		UG/LITER		P16	
	7440-36-0	Antimony	30	U	UG/LITER		P16	
	7440-23-5	Sodium	9590		UG/LITER		P16	
	7440-22-4	Silver	5	U	UG/LITER		P16	
	7439-96-5	Manganese	6060		UG/LITER		P16	
	7440-02-0	Nickel	20	U	UG/LITER		P16	
	7440-09-7	Potassium	1840	B	UG/LITER		P16	
	7439-95-4	Magnesium	8390		UG/LITER		P16	
	7439-89-6	Iron	5850		UG/LITER		P16	
	7439-97-6	Mercury	.4		UG/LITER	AV 001	P16	
	50-29-3	4,4'-DDT	.1	U	UG/LITER	GC 720	P16	
	72-20-8	Endrin	.1	U	UG/LITER		P16	
	72-43-5	Methoxychlor	.5	U	UG/LITER		P16	
	12674-11-2	Aroclor-1016	.5	U	UG/LITER		P16	
	33213-65-9	Endosulfan II	.1	U	UG/LITER		P16	
	53469-21-9	Aroclor-1242	.5	U	UG/LITER		P16	
	1024-57-3	Heptachlor epoxide	.05	U	UG/LITER		P16	
	53494-70-5	Endrin ketone	.1	U	UG/LITER		P16	
	1031-07-8	Endosulfan sulfate	.1	U	UG/LITER		P16	
	5103-71-9	alpha-Chlordane	.5	U	UG/LITER		P16	
	5103-74-2	gamma-Chlordane	.5	U	UG/LITER		P16	
	8001-35-2	Toxaphene	1	U	UG/LITER		P16	
	11096-82-5	Aroclor-1260	1	U	UG/LITER		P16	
	11097-69-1	Aroclor-1254	1	U	UG/LITER		P16	
	11104-28-2	Aroclor-1221	.5	U	UG/LITER		P16	
	11141-16-5	Aroclor-1232	.5	U	UG/LITER		P16	
	12672-29-6	Aroclor-1248	.5	U	UG/LITER		P16	
	959-98-8	Endosulfan-I	05	U	UG/LITER		P16	
	319-86-8	delta-BHC	.05	U	UG/LITER		P16	
	72-54-8	4,4'-DDD	.1	U	UG/LITER		P16	
	319-85-7	beta-BHC	.05	U	UG/LITER		P16	
	319-84-6	alpha-BHC	.05	U	UG/LITER		P16	
	309-00-2	Aldrin	.05	U	UG/LITER		P16	
	76-44-8	Heptachlor	.05	U	UG/LITER		P16	
	72-55-9	4,4'-DDE	.1	U	UG/LITER		P16	
	60-57-1	Dieldrin	.1	U	UG/LITER		P16	
	58-89-9	gamma-BHC (Lindane)	.05	U	UG/LITER		P16	
	50-32-8	Benzo(a)pyrene	10	U	UG/LITER	ME 702	P16	
	53-70-3	Dibenzo(a,h)anthracene	10	U	UG/LITER		P16	

3 10 01039

APPENDIX A
ANALYTICAL RESULTS

SAMPLE NUMBER	PARAMETER CODE	COMPOUND/ANALYTE	RESULTS	QUALIFIER	UNITS	PRODUCT CODE	SAMPLE LOCATION	FLAG
	117-84-0	Di-n-octyl phthalate	10	U	UG/LITER	ME 702	P16	TRG
	118-74-1	Hexachlorobenzene	10	U	UG/LITER		P16	
	120-12-7	Anthracene	10	U	UG/LITER		P16	
	120-83-2	2,4-Dichlorophenol	10	U	UG/LITER		P16	
	121-14-2	2,4-Dinitrotoluene	10	U	UG/LITER		P16	
	129-00-0	Pyrene	10	U	UG/LITER		P16	
	120-82-1	1,2,4-Trichlorobenzene	10	U	UG/LITER		P16	
	84-74-2	Di-n-butyl phthalate	10	U	UG/LITER		P16	
	85-01-8	Phenanthrene	10	U	UG/LITER		P16	
	131-11-3	Dimethyl phthalate	10	U	UG/LITER		P16	
	132-64-9	Dibenzofuran	10	U	UG/LITER		P16	
	91-20-3	Naphthalene	3	J	UG/LITER		P16	
	91-57-6	2-Methylnaphthalene	10	U	UG/LITER		P16	
	191-24-2	Benzo(g,h,i)perylene	10	U	UG/LITER		P16	
	193-39-5	Indeno(1,2,3-cd)pyrene	10	U	UG/LITER		P16	
	91-58-7	2-Chloronaphthalene	10	U	UG/LITER		P16	
	95-48-7	2-Methylphenol	10	U	UG/LITER		P16	
	95-50-1	1,2-Dichlorobenzene	180		UG/LITER		P16	
	205-99-2	Benzo(b)fluoranthene	10	U	UG/LITER		P16	
	206-44-0	Fluoranthene	10	U	UG/LITER		P16	
	95-57-8	2-Chlorophenol	290	D	UG/LITER		P16	
	95-95-4	2,4,5-Trichlorophenol	50	U	UG/LITER		P16	
	207-08-9	Benzo(k)fluoranthene	10	U	UG/LITER		P16	
	208-96-8	Acenaphthylene	10	U	UG/LITER		P16	
	218-01-9	Chrysene	10	U	UG/LITER		P16	
	534-52-1	4,6-Dinitro-2-methylphenol	50	U	UG/LITER		P16	
	98-95-3	Nitrobenzene	10	U	UG/LITER		P16	
	99-09-2	3-Nitroaniline	50	U	UG/LITER		P16	
	541-73-1	1,3-Dichlorobenzene	10	U	UG/LITER		P16	
	606-20-2	2,6-Dinitrotoluene	10	U	UG/LITER		P16	
	621-64-7	N-Nitroso-di-n-propylamine	10	U	UG/LITER		P16	
	7005-72-3	4-Chlorophenylphenyl ether	10	U	UG/LITER		P16	
	100-01-6	4-Nitroaniline	50	U	UG/LITER		P16	
	100-51-6	Benzyl alcohol	10	U	UG/LITER		P16	
	101-55-3	4-Bromophenyl phenyl ether	10	U	UG/LITER		P16	
	105-67-9	2,4-Dimethylphenol	10	U	UG/LITER		P16	
	106-44-5	4-Methylphenol	10	U	UG/LITER		P16	
	106-46-7	1,4-Dichlorobenzene	6	J	UG/LITER		P16	
	106-47-8	4-Chloroaniline	10	U	UG/LITER		P16	
	108-60-1	bis(2-Chloroisopropyl)ether	10	U	UG/LITER		P16	
	108-95-2	Phenol	43		UG/LITER		P16	
	111-44-4	bis(2-Chloroethyl)ether	5	J	UG/LITER		P16	
	117-81-7	bis(2-Ethylhexyl) phthalate	10	U	UG/LITER		P16	
	111-91-1	bis(2-Chloroethoxy)methane	10	U	UG/LITER		P16	
	100-02-7	4-Nitrophenol	50	U	UG/LITER		P16	
	91-94-1	3,3'-Dichlorobenzidine	20	U	UG/LITER		P16	
	85-68-7	Butyl benzyl phthalate	10	U	UG/LITER		P16	
	86-30-6	N-Nitrosodiphenylamine	10	U	UG/LITER		P16	
	86-73-7	Fluorene	10	U	UG/LITER		P16	
	87-68-3	Hexachlorobutadiene	10	U	UG/LITER		P16	
	87-86-5	Pentachlorophenol	50	U	UG/LITER		P16	
	88-06-2	2,4,6-Trichlorophenol	10	U	UG/LITER		P16	
	88-74-4	2-Nitroaniline	50	U	UG/LITER		P16	
	88-75-5	2-Nitrophenol	10	U	UG/LITER		P16	
	84-66-2	Diethyl phthalate	10	U	UG/LITER		P16	
	83-32-9	Acenaphthene	10	U	UG/LITER		P16	

3 10 01040

APPENDIX A
ANALYTICAL RESULTS

SAMPLE NUMBER	PARAMETER CODE	COMPOUND/ANALYTE	RESULTS	QUALIFIER	UNITS	PRODUCT CODE	SAMPLE LOCATION	FLAG
	78-59-1	Isophorone	10	U	UG/LITER	ME 702	P16	TRG
	77-47-4	Hexachlorocyclopentadiene	10	U	UG/LITER		P16	
	67-72-1	Hexachloroethane	10	U	UG/LITER		P16	
	65-85-0	Benzoic acid	50	U	UG/LITER		P16	
	59-50-7	4-Chloro-3-methylphenol	10	U	UG/LITER		P16	
	56-55-3	Benzo(a)anthracene	10	U	UG/LITER		P16	
	51-28-5	2,4-Dinitrophenol	50	U	UG/LITER		P16	
	56-23-5	Carbon Tetrachloride	50	U	UG/LITER	MV 702	P16	
	75-15-0	Carbon disulfide	50	U	UG/LITER		P16	
	75-25-2	Bromoform	50	U	UG/LITER		P16	
	100-42-5	Styrene	50	U	UG/LITER		P16	
	107-06-2	1,2-Dichloroethane	120		UG/LITER		P16	
	108-05-4	Vinyl Acetate	100	U	UG/LITER		P16	
	108-10-1	4-Methyl-2-pentanone	77		UG/LITER		P16	
	108-88-3	Toluene	620		UG/LITER		P16	
	108-90-7	Chlorobenzene	50	U	UG/LITER		P16	
	124-48-1	Dibromochloromethane	50	U	UG/LITER		P16	
	127-18-4	Tetrachloroethene	120		UG/LITER		P16	
	540-59-0	1,2-Dichloroethylene	1300		UG/LITER		P16	
	1330-20-7	Total xylenes	170		UG/LITER		P16	
	10061-01-5	cis-1,3-Dichloropropene	50	U	UG/LITER		P16	
	10061-02-6	trans-1,3-Dichloropropene	50	U	UG/LITER		P16	
	591-78-6	2-Hexanone	100	U	UG/LITER		P16	
	75-27-4	Bromodichloromethane	50	U	UG/LITER		P16	
	75-34-3	1,1-Dichloroethane	1900		UG/LITER		P16	
	78-87-5	1,2-Dichloropropane	17	J	UG/LITER		P16	
	78-93-3	2-Butanone	260		UG/LITER		P16	
	79-00-5	1,1,2-Trichloroethane	50	U	UG/LITER		P16	
	79-01-6	Trichloroethene	210		UG/LITER		P16	
	79-34-5	1,1,2,2-Tetrachloroethane	140		UG/LITER		P16	
	100-41-4	Ethylbenzene	77		UG/LITER		P16	
	75-35-4	1,1-Dichloroethene	640		UG/LITER		P16	
	75-09-2	Methylene chloride	170		UG/LITER		P16	
	75-01-4	Vinyl chloride	100	U	UG/LITER		P16	
	75-00-3	Chloroethane	100	U	UG/LITER		P16	
	74-87-3	Chloromethane	100	U	UG/LITER		P16	
	71-43-2	Benzene	70		UG/LITER		P16	
	71-55-6	1,1,1-Trichloroethane	640		UG/LITER		P16	
	74-83-9	Bromomethane	100	U	UG/LITER		P16	
	67-66-3	Chloroform	710		UG/LITER		P16	
	67-64-1	Acetone	2200	E	UG/LITER		P16	
	57-12-5	Cyanide	10	U	UG/LITER	WW 034	P16	

APPENDIX A
ANALYTICAL RESULTS

3 10 01041

SAMPLE NUMB	PARAMETER CODE	COMPOUND/ANALYTE	RESULTS	QUALIFIER	UNITS	PRODUCT CODE	SAMPLE LOCATION	FLAG
[redacted]	50-32-8	Benzo(a)pyrene	25	U	UG/LITER	ME 702	P16	R
	108-95-2	Phenol	51		UG/LITER		P16	
	111-44-4	bis(2-Chloroethyl)ether	8	J	UG/LITER		P16	
	111-91-1	bis(2-Chloroethoxy)methane	25	U	UG/LITER		P16	
	117-84-0	Di-n-octyl phthalate	25	U	UG/LITER		P16	
	118-74-1	Hexachlorobenzene	25	U	UG/LITER		P16	
	120-12-7	Anthracene	25	U	UG/LITER		P16	
	120-83-2	2,4-Dichlorophenol	25	U	UG/LITER		P16	
	121-14-2	2,4-Dinitrotoluene	25	U	UG/LITER		P16	
	129-00-0	Pyrene	25	U	UG/LITER		P16	
	132-64-9	Dibenzofuran	25	U	UG/LITER		P16	
	191-24-2	Benzo(g,h,i)perylene	25	U	UG/LITER		P16	
	193-39-5	Indeno(1,2,3-cd)pyrene	25	U	UG/LITER		P16	
	206-44-0	Fluoranthene	25	U	UG/LITER		P16	
	207-08-9	Benzo(k)fluoranthene	25	U	UG/LITER		P16	
	208-96-8	Acenaphthylene	25	U	UG/LITER		P16	
	534-52-1	4,6-Dinitro-2-methylphenol	130	U	UG/LITER		P16	
	541-73-1	1,3-Dichlorobenzene	10	J	UG/LITER		P16	
	218-01-9	Chrysene	25	U	UG/LITER		P16	
	205-99-2	Benzo(b)fluoranthene	25	U	UG/LITER		P16	
	131-11-3	Dimethyl phthalate	25	U	UG/LITER		P16	
	606-20-2	2,6-Dinitrotoluene	25	U	UG/LITER		P16	
	120-82-1	1,2,4-Trichlorobenzene	25	U	UG/LITER		P16	
	117-81-7	bis(2-Ethylhexyl) phthalate	25	U	UG/LITER		P16	
	56-55-3	Benzo(a)anthracene	25	U	UG/LITER		P16	
	88-74-4	2-Nitroaniline	130	U	UG/LITER		P16	
	88-75-5	2-Nitrophenol	25	U	UG/LITER		P16	
	91-20-3	Naphthalene	6	J	UG/LITER		P16	
	621-64-7	N-Nitroso-di-n-propylamine	25	U	UG/LITER		P16	
	91-57-6	2-Methylnaphthalene	25	U	UG/LITER		P16	
	91-58-7	2-Chloronaphthalene	25	U	UG/LITER		P16	
	7005-72-3	4-Chlorophenylphenyl ether	25	U	UG/LITER		P16	
	91-94-1	3,3'-Dichlorobenzidine	50	U	UG/LITER		P16	
	95-48-7	2-Methylphenol	25	U	UG/LITER		P16	
	95-50-1	1,2-Dichlorobenzene	220		UG/LITER		P16	
	95-57-8	2-Chlorophenol	450		UG/LITER		P16	
	95-95-4	2,4,5-Trichlorophenol	130	U	UG/LITER		P16	
	98-95-3	Nitrobenzene	25	U	UG/LITER		P16	
	99-09-2	3-Nitroaniline	130	U	UG/LITER		P16	
	100-01-6	4-Nitroaniline	130	U	UG/LITER		P16	
	100-02-7	4-Nitrophenol	130	U	UG/LITER		P16	
	100-51-6	Benzyl alcohol	25	U	UG/LITER		P16	
	105-67-9	2,4-Dimethylphenol	25	U	UG/LITER		P16	
	106-44-5	4-Methylphenol	25	U	UG/LITER		P16	
	106-46-7	1,4-Dichlorobenzene	25	U	UG/LITER		P16	
	108-60-1	bis(2-Chloroisopropyl)ether	25	U	UG/LITER		P16	
	106-47-8	4-Chloroaniline	25	U	UG/LITER		P16	
	101-55-3	4-Bromophenyl phenyl ether	25	U	UG/LITER		P16	
	88-06-2	2,4,6-Trichlorophenol	25	U	UG/LITER		P16	
	59-50-7	4-Chloro-3-methylphenol	25	U	UG/LITER		P16	
	86-30-6	N-Nitrosodiphenylamine	25	U	UG/LITER		P16	
	85-68-7	Butyl benzyl phthalate	25	U	UG/LITER		P16	
	86-73-7	Fluorene	25	U	UG/LITER		P16	
	87-68-3	Hexachlorobutadiene	25	U	UG/LITER		P16	
	85-01-8	Phenanthrene	25	U	UG/LITER		P16	
	87-86-5	Pentachlorophenol	130	U	UG/LITER		P16	

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APPENDIX A
ANALYTICAL RESULTS

SAMPLE NUMBER	PARAMETER CODE	COMPOUND/ANALYTE	RESULTS	QUALIFIER	UNITS	PRODUCT CODE	SAMPLE LOCATION	FLAG
[redacted]	84-74-2	Di-n-butyl phthalate	25	U	UG/LITER	ME 702	P16	R
	65-85-0	Benzoic acid	130	U	UG/LITER		P16	
	84-66-2	Diethyl phthalate	25	U	UG/LITER		P16	
	83-32-9	Acenaphthene	25	U	UG/LITER		P16	
	78-59-1	Isophorone	25	U	UG/LITER		P16	
	77-47-4	Hexachlorocyclopentadiene	25	U	UG/LITER		P16	
	67-72-1	Hexachloroethane	25	U	UG/LITER		P16	
	53-70-3	Dibenzo(a,h)anthracene	25	U	UG/LITER		P16	
	51-28-5	2,4-Dinitrophenol	130	U	UG/LITER		P16	

3 10 01043

APPENDIX A
ANALYTICAL RESULTS

SAMPLE NUMB	PARAMETER CODE	COMPOUND/ANALYTE	RESULTS	QUALIFIER	UNITS	PRODUCT CODE	SAMPLE LOCATION	FLAG
J	7439-92-1	Lead	2	U	UG/LITER	AG 702	P15	TRG
	7440-38-2	Arsenic	2	U	UG/LITER		P15	
	7782-49-2	Selenium	4	UW	UG/LITER		P15	
	7440-28-0	Thallium	2	U	UG/LITER		P15	
	7429-90-5	Aluminum	585		UG/LITER	AP 703	P15	
	7440-70-2	Calcium	2040	B	UG/LITER		P15	
	7439-95-4	Magnesium	1050	B	UG/LITER		P15	
	7439-96-5	Manganese	9	B	UG/LITER		P15	
	7440-02-0	Nickel	20	U	UG/LITER		P15	
	7440-47-3	Chromium	10	U	UG/LITER		P15	
	7440-48-4	Cobalt	20	U	UG/LITER		P15	
	7440-50-8	Copper	10	U	UG/LITER		P15	
	7440-62-2	Vanadium	10	U	UG/LITER		P15	
	7440-66-6	Zinc	13	B	UG/LITER		P15	
	7440-43-9	Cadmium	5	U	UG/LITER		P15	
	7440-41-7	Beryllium	1	U	UG/LITER		P15	
	7440-39-3	Barium	71	B	UG/LITER		P15	
	7440-36-0	Antimony	30	U	UG/LITER		P15	
	7440-23-5	Sodium	2230	B	UG/LITER		P15	
	7440-22-4	Silver	5	U	UG/LITER		P15	
	7440-09-7	Potassium	1000	U	UG/LITER		P15	
	7439-89-6	Iron	183		UG/LITER		P15	
	7439-97-6	Mercury	.3		UG/LITER	AV 001	P15	
	56-23-5	Carbon Tetrachloride	5	U	UG/LITER	MV 702	P15	
	75-15-0	Carbon disulfide	5	U	UG/LITER		P15	
	75-25-2	Bromoform	5	U	UG/LITER		P15	
	100-42-5	Styrene	5	U	UG/LITER		P15	
	107-06-2	1,2-Dichloroethane	5	U	UG/LITER		P15	
	108-05-4	Vinyl Acetate	10	U	UG/LITER		P15	
	108-10-1	4-Methyl-2-pentanone	10	U	UG/LITER		P15	
	108-90-7	Chlorobenzene	5	U	UG/LITER		P15	
	124-48-1	Dibromochloromethane	5	U	UG/LITER		P15	
	127-18-4	Tetrachloroethene	5	U	UG/LITER		P15	
	540-59-0	1,2-Dichloroethylene	42		UG/LITER		P15	
	591-78-6	2-Hexanone	10	U	UG/LITER		P15	
	1330-20-7	Total xylenes	5	U	UG/LITER		P15	
	10061-01-5	cis-1,3-Dichloropropene	5	U	UG/LITER		P15	
	10061-02-6	trans-1,3-Dichloropropene	5	U	UG/LITER		P15	
	108-88-3	Toluene	4	J	UG/LITER		P15	
	75-27-4	Bromodichloromethane	5	U	UG/LITER		P15	
	75-34-3	1,1-Dichloroethane	20		UG/LITER		P15	
	78-87-5	1,2-Dichloropropane	5	U	UG/LITER		P15	
	78-93-3	2-Butanone	10	U	UG/LITER		P15	
	79-00-5	1,1,2-Trichloroethane	5	U	UG/LITER		P15	
	79-01-6	Trichloroethene	2	J	UG/LITER		P15	
	79-34-5	1,1,2,2-Tetrachloroethane	6		UG/LITER		P15	
	100-41-4	Ethylbenzene	5	U	UG/LITER		P15	
	75-35-4	1,1-Dichloroethene	12		UG/LITER		P15	
	75-09-2	Methylene chloride	5	U	UG/LITER		P15	
	75-01-4	Vinyl chloride	10	U	UG/LITER		P15	
	75-00-3	Chloroethane	10	U	UG/LITER		P15	
	74-87-3	Chloromethane	10	U	UG/LITER		P15	
	71-43-2	Benzene	5	U	UG/LITER		P15	

3 10 01044

APPENDIX A
ANALYTICAL RESULTS

SAMPLE NUMBER	PARAMETER CODE	COMPOUND/ANALYTE	RESULTS	QUALIFIER	UNITS	PRODUCT CODE	SAMPLE LOCATION	FLAG
	71-55-6	1,1,1-Trichloroethane	37		UG/LITER	MV 702	P15	TRG
	74-83-9	Bromomethane	10	U	UG/LITER		P15	
	67-66-3	Chloroform	4	J	UG/LITER		P15	
	67-64-1	Acetone	50	B	UG/LITER		P15	
	57-12-5	Cyanide	10	U	UG/LITER	WW 034	P15	

APPENDIX A
ANALYTICAL RESULTS

3 10 01045

SAMPLE NUMBER	PARAMETER CODE	COMPOUND/ANALYTE	RESULTS	QUALIFIER	UNITS	PRODUCT CODE	SAMPLE LOCATION	FLAG
	7439-92-1	Lead	5		UG/LITER	AG 702	11B	TRG
	7440-38-2	Arsenic	2	U	UG/LITER		11B	
	7782-49-2	Selenium	2	U	UG/LITER		11B	
	7440-28-0	Thallium	2	U	UG/LITER		11B	
	7429-90-5	Aluminum	3420		UG/LITER	AP 703	11B	
	7440-22-4	Silver	5	U	UG/LITER		11B	
	7440-36-0	Antimony	30	U	UG/LITER		11B	
	7440-41-7	Beryllium	1	U	UG/LITER		11B	
	7440-47-3	Chromium	10	U	UG/LITER		11B	
	7440-50-8	Copper	10	U	UG/LITER		11B	
	7440-66-6	Zinc	28		UG/LITER		11B	
	7440-70-2	Calcium	6050		UG/LITER		11B	
	7440-62-2	Vanadium	10	U	UG/LITER		11B	
	7440-48-4	Cobalt	21	B	UG/LITER		11B	
	7440-43-9	Cadmium	5	U	UG/LITER		11B	
	7440-39-3	Barium	50	B	UG/LITER		11B	
	7440-23-5	Sodium	5900		UG/LITER		11B	
	7440-09-7	Potassium	1000	U	UG/LITER		11B	
	7439-95-4	Magnesium	718	B	UG/LITER		11B	
	7440-02-0	Nickel	20	U	UG/LITER		11B	
	7439-96-5	Manganese	76		UG/LITER		11B	
	7439-89-6	Iron	705		UG/LITER		11B	
	7439-97-6	Mercury	.2	U	UG/LITER	AV 002	11B	
	56-23-5	Carbon Tetrachloride	5	U	UG/LITER	MV 702	11B	
	108-88-3	Toluene	5	U	UG/LITER		11B	
	124-48-1	Dibromochloromethane	5	U	UG/LITER		11B	
	540-59-0	1,2-Dichloroethylene	5	U	UG/LITER		11B	
	1330-20-7	Total xylenes	5	U	UG/LITER		11B	
	10061-02-6	trans-1,3-Dichloropropene	5	U	UG/LITER		11B	
	10061-01-5	cis-1,3-Dichloropropene	5	U	UG/LITER		11B	
	591-78-6	2-Hexanone	10	U	UG/LITER		11B	
	127-18-4	Tetrachloroethene	5	U	UG/LITER		11B	
	108-90-7	Chlorobenzene	5	U	UG/LITER		11B	
	108-10-1	4-Methyl-2-pentanone	10	U	UG/LITER		11B	
	75-09-2	Methylene chloride	5	U	UG/LITER		11B	
	75-15-0	Carbon disulfide	5	U	UG/LITER		11B	
	75-25-2	Bromoform	5	U	UG/LITER		11B	
	75-34-3	1,1-Dichloroethane	5	U	UG/LITER		11B	
	75-35-4	1,1-Dichloroethene	5	U	UG/LITER		11B	
	78-87-5	1,2-Dichloropropane	5	U	UG/LITER		11B	
	79-00-5	1,1,2-Trichloroethane	5	U	UG/LITER		11B	
	79-01-6	Trichloroethene	5	U	UG/LITER		11B	
	79-34-5	1,1,2,2-Tetrachloroethane	5	U	UG/LITER		11B	
	100-42-5	Styrene	5	U	UG/LITER		11B	
	107-06-2	1,2-Dichloroethane	5	U	UG/LITER		11B	
	108-05-4	Vinyl Acetate	10	U	UG/LITER		11B	
	100-41-4	Ethylbenzene	5	U	UG/LITER		11B	
	78-93-3	2-Butanone	10	U	UG/LITER		11B	
	75-27-4	Bromodichloromethane	5	U	UG/LITER		11B	
	75-01-4	Vinyl chloride	10	U	UG/LITER		11B	
	71-55-6	1,1,1-Trichloroethane	5	U	UG/LITER		11B	
	74-83-9	Bromomethane	10	U	UG/LITER		11B	
	74-87-3	Chloromethane	10	U	UG/LITER		11B	

3 10 01046

APPENDIX A
ANALYTICAL RESULTS

SAMP' NUMBL	PARAMETER CODE	COMPOUND/ANALYTE	RESULTS	QUALI FIER	UNITS	PRODUCT CODE	SAMPLE LOCATION	FLAG
	75-00-3	Chloroethane	10	U	UG/LITER	MV 702	11B	TRG
	67-66-3	Chloroform	5	U	UG/LITER		11B	
	71-43-2	Benzene	5	U	UG/LITER		11B	
	67-64-1	Acetone	25	B	UG/LITER		11B	
	57-12-5	Cyanide	10	U	UG/LITER	WW 034	11B	

3 10 01047

APPENDIX A
ANALYTICAL RESULTS

SAMP' NUM	PARAMETER CODE	COMPOUND/ANALYTE	RESULTS	QUALIFIER	UNITS	PRODUCT CODE	SAMPLE LOCATION	FLAG
	7439-92-1	Lead	2	U	UG/LITER	AG 702	7A	TRG
	7440-38-2	Arsenic	2	UW	UG/LITER		7A	
	7782-49-2	Selenium	2	U	UG/LITER		7A	
	7440-28-0	Thallium	3	UW	UG/LITER		7A	
	7429-90-5	Aluminum	3700		UG/LITER	AP 703	7A	
	7440-39-3	Barium	111	B	UG/LITER		7A	
	7440-41-7	Beryllium	1	U	UG/LITER		7A	
	7440-43-9	Cadmium	6		UG/LITER		7A	
	7440-47-3	Chromium	10	U	UG/LITER		7A	
	7440-48-4	Cobalt	20	U	UG/LITER		7A	
	7440-50-8	Copper	10	U	UG/LITER		7A	
	7440-62-2	Vanadium	10	U	UG/LITER		7A	
	7440-70-2	Calcium	3780	B	UG/LITER		7A	
	7440-66-6	Zinc	57		UG/LITER		7A	
	7440-36-0	Antimony	30	U	UG/LITER		7A	
	7440-09-7	Potassium	1370	B	UG/LITER		7A	
	7440-22-4	Silver	5	U	UG/LITER		7A	
	7440-23-5	Sodium	14500		UG/LITER		7A	
	7439-96-5	Manganese	94		UG/LITER		7A	
	7440-02-0	Nickel	25	B	UG/LITER		7A	
	7439-95-4	Magnesium	2360	B	UG/LITER		7A	
	7439-89-6	Iron	1380		UG/LITER		7A	
	7439-97-6	Mercury	.2	U	UG/LITER	AV 002	7A	
	56-23-5	Carbon Tetrachloride	5	U	UG/LITER	MV 702	7A	
	108-88-3	Toluene	5	U	UG/LITER		7A	
	124-48-1	Dibromochloromethane	5	U	UG/LITER		7A	
	127-18-4	Tetrachloroethene	5	U	UG/LITER		7A	
	540-59-0	1,2-Dichloroethylene	5	U	UG/LITER		7A	
	1330-20-7	Total xylenes	5	U	UG/LITER		7A	
	10061-01-5	cis-1,3-Dichloropropene	5	U	UG/LITER		7A	
	10061-02-6	trans-1,3-Dichloropropene	5	U	UG/LITER		7A	
	591-78-6	2-Hexanone	10	U	UG/LITER		7A	
	108-90-7	Chlorobenzene	5	U	UG/LITER		7A	
	75-15-0	Carbon disulfide	5	U	UG/LITER		7A	
	75-27-4	Bromodichloromethane	5	U	UG/LITER		7A	
	75-34-3	1,1-Dichloroethane	5	U	UG/LITER		7A	
	75-35-4	1,1-Dichloroethene	5	U	UG/LITER		7A	
	78-87-5	1,2-Dichloropropane	5	U	UG/LITER		7A	
	78-93-3	2-Butanone	10	U	UG/LITER		7A	
	79-00-5	1,1,2-Trichloroethane	5	U	UG/LITER		7A	
	79-01-6	Trichloroethene	5	U	UG/LITER		7A	
	100-41-4	Ethylbenzene	5	U	UG/LITER		7A	
	100-42-5	Styrene	5	U	UG/LITER		7A	
	107-06-2	1,2-Dichloroethane	5	U	UG/LITER		7A	
	108-05-4	Vinyl Acetate	10	U	UG/LITER		7A	
	108-10-1	4-Methyl-2-pentanone	10	U	UG/LITER		7A	
	79-34-5	1,1,2,2-Tetrachloroethane	5	U	UG/LITER		7A	
	75-25-2	Bromoform	5	U	UG/LITER		7A	
	74-83-9	Bromomethane	10	U	UG/LITER		7A	
	74-87-3	Chloromethane	10	U	UG/LITER		7A	
	75-00-3	Chloroethane	10	U	UG/LITER		7A	
	75-01-4	Vinyl chloride	10	U	UG/LITER		7A	
	75-09-2	Methylene chloride	5	U	UG/LITER		7A	

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APPENDIX A
ANALYTICAL RESULTS

SAMPLE NUMBER	PARAMETER CODE	COMPOUND/ANALYTE	RESULTS	QUALIFIER	UNITS	PRODUCT CODE	SAMPLE LOCATION	FLAG
	67-66-3	Chloroform	3	J	UG/LITER	MV 702	7A	TRG
	71-55-6	1,1,1-Trichloroethane	5	U	UG/LITER		7A	
	71-43-2	Benzene	5	U	UG/LITER		7A	
	67-64-1	Acetone	2	BJ	UG/LITER		7A	
	57-12-5	Cyanide	10	U	UG/LITER	WW 034	7A	

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APPENDIX A
ANALYTICAL RESULTS

SAMPLE NUMBER	PARAMETER CODE	COMPOUND/ANALYTE	RESULTS	QUALIFIER	UNITS	PRODUCT CODE	SAMPLE LOCATION	FLAG
[illegible]	7439-92-1	Lead	5.6		MG/KG	AG 704	B17,3/7	TRG
	7440-38-2	Arsenic	2	UW	MG/KG		B17,3/7	
	7782-49-2	Selenium	3	UW	MG/KG		B17,3/7	
	7440-28-0	Thallium	.3	UW	MG/KG		B17,3/7	
	ITO-003	% Solids	88.4		% SOLIDS	AP 706	B17,3/7	
	7440-09-7	Potassium	113	U	MG/KG		B17,3/7	
	7440-23-5	Sodium	26	B	MG/KG		B17,3/7	
	7440-39-3	Barium	36.1	B	MG/KG		B17,3/7	
	7440-43-9	Cadmium	.6	U	MG/KG		B17,3/7	
	7440-48-4	Cobalt	2	U	MG/KG		B17,3/7	
	7440-62-2	Vanadium	8		MG/KG		B17,3/7	
	7440-70-2	Calcium	144	B	MG/KG		B17,3/7	
	7440-66-6	Zinc	3.7	B	MG/KG		B17,3/7	
	7440-50-8	Copper	1	U	MG/KG		B17,3/7	
	7440-47-3	Chromium	3		MG/KG		B17,3/7	
	7440-41-7	Beryllium	.1	U	MG/KG		B17,3/7	
	7440-36-0	Antimony	3	U	MG/KG		B17,3/7	
	7440-22-4	Silver	.6	U	MG/KG		B17,3/7	
	7440-02-0	Nickel	2	U	MG/KG		B17,3/7	
	7439-89-6	Iron	2360		MG/KG		B17,3/7	
	7439-96-5	Manganese	6.1		MG/KG		B17,3/7	
	7439-95-4	Magnesium	89	B	MG/KG		B17,3/7	
	7429-90-5	Aluminum	4400		MG/KG		B17,3/7	
	7439-97-6	Mercury	.02	U	MG/KG	AV 006	B17,3/7	
	50-29-3	4,4'-DDT	18	U	UG/KG	GC 723	B17,3/7	
	53469-21-9	Aroclor-1242	89	U	UG/KG		B17,3/7	
	53494-70-5	Endrin ketone	18	U	UG/KG		B17,3/7	
	33213-65-9	Endosulfan II	18	U	UG/KG		B17,3/7	
	309-00-2	Aldrin	8.9	U	UG/KG		B17,3/7	
	319-84-6	alpha-BHC	8.9	U	UG/KG		B17,3/7	
	319-86-8	delta-BHC	8.9	U	UG/KG		B17,3/7	
	959-98-8	Endosulfan-I	8.9	U	UG/KG		B17,3/7	
	1024-57-3	Heptachlor epoxide	8.9	U	UG/KG		B17,3/7	
	5103-71-9	alpha-Chlordane	89	U	UG/KG		B17,3/7	
	5103-74-2	gamma-Chlordane	89	U	UG/KG		B17,3/7	
	8001-35-2	Toxaphene	180	U	UG/KG		B17,3/7	
	11097-69-1	Aroclor-1254	180	U	UG/KG		B17,3/7	
	11104-28-2	Aroclor-1221	89	U	UG/KG		B17,3/7	
	11141-16-5	Aroclor-1232	89	U	UG/KG		B17,3/7	
	12674-11-2	Aroclor-1016	89	U	UG/KG		B17,3/7	
	12672-29-6	Aroclor-1248	89	U	UG/KG		B17,3/7	
	11096-82-5	Aroclor-1260	180	U	UG/KG		B17,3/7	
	1031-07-8	Endosulfan sulfate	18	U	UG/KG		B17,3/7	
	319-85-7	beta-BHC	8.9	U	UG/KG		B17,3/7	
	72-43-5	Methoxychlor	89	U	UG/KG		B17,3/7	
	72-54-8	4,4'-DDD	18	U	UG/KG		B17,3/7	
	72-55-9	4,4'-DDE	18	U	UG/KG		B17,3/7	
	ITO-001	% Moisture	11		% MOISTURE		B17,3/7	
	76-44-8	Heptachlor	8.9	U	UG/KG		B17,3/7	
	60-57-1	Dieldrin	18	U	UG/KG		B17,3/7	
	72-20-8	Endrin	18	U	UG/KG		B17,3/7	
	58-89-9	gamma-BHC (Lindane)	8.9	U	UG/KG		B17,3/7	

APPENDIX A
ANALYTICAL RESULTS

3 10 01050

SAMPLE NUM	PARAMETER CODE	COMPOUND/ANALYTE	RESULTS	QUALIFIER	UNITS	PRODUCT CODE	SAMPLE LOCATION	FLAG
	50-32-8	**Benzo(a)pyrene**	370	U	UG/KG	ME 705	B17,3/7	TRG
	132-64-9	Dibenzofuran	370	U	UG/KG		B17,3/7	
	193-39-5	Indeno(1,2,3-cd)pyrene	370	U	UG/KG		B17,3/7	
	206-44-0	Fluoranthene	370	U	UG/KG		B17,3/7	
	208-96-8	Acenaphthylene	370	U	UG/KG		B17,3/7	
	534-52-1	4,6-Dinitro-2-methylphenol	1800	U	UG/KG		B17,3/7	
	606-20-2	2,6-Dinitrotoluene	370	U	UG/KG		B17,3/7	
	7005-72-3	4-Chlorophenylphenyl ether	370	U	UG/KG		B17,3/7	
	621-64-7	N-Nitroso-di-n-propylamine	370	U	UG/KG		B17,3/7	
	541-73-1	1,3-Dichlorobenzene	370	U	UG/KG		B17,3/7	
	218-01-9	Chrysene	370	U	UG/KG		B17,3/7	
	207-08-9	Benzo(k)fluoranthene	370	U	UG/KG		B17,3/7	
	205-99-2	Benzo(b)fluoranthene	370	U	UG/KG		B17,3/7	
	191-24-2	Benzo(g,h,i)perylene	370	U	UG/KG		B17,3/7	
	88-06-2	2,4,6-Trichlorophenol	370	U	UG/KG		B17,3/7	
	88-75-5	2-Nitrophenol	370	U	UG/KG		B17,3/7	
	91-20-3	Naphthalene	370	U	UG/KG		B17,3/7	
	91-57-6	2-Methylnaphthalene	370	U	UG/KG		B17,3/7	
	91-94-1	3,3'-Dichlorobenzidine	730	U	UG/KG		B17,3/7	
	95-48-7	2-Methylphenol	370	U	UG/KG		B17,3/7	
	95-50-1	1,2-Dichlorobenzene	370	U	UG/KG		B17,3/7	
	95-95-4	2,4,5-Trichlorophenol	1800	U	UG/KG		B17,3/7	
	98-95-3	Nitrobenzene	370	U	UG/KG		B17,3/7	
	99-09-2	3-Nitroaniline	1800	U	UG/KG		B17,3/7	
	100-01-6	4-Nitroaniline	1800	U	UG/KG		B17,3/7	
	100-02-7	4-Nitrophenol	1800	U	UG/KG		B17,3/7	
	100-51-6	Benzyl alcohol	370	U	UG/KG		B17,3/7	
	105-67-9	2,4-Dimethylphenol	370	U	UG/KG		B17,3/7	
	106-44-5	4-Methylphenol	370	U	UG/KG		B17,3/7	
	106-46-7	1,4-Dichlorobenzene	370	U	UG/KG		B17,3/7	
	108-60-1	bis(2-Chloroisopropyl)ether	370	U	UG/KG		B17,3/7	
	108-95-2	Phenol	370	U	UG/KG		B17,3/7	
	111-44-4	bis(2-Chloroethyl)ether	370	U	UG/KG		B17,3/7	
	117-81-7	bis(2-Ethylhexyl) phthalate	1300	B	UG/KG		B17,3/7	
	117-84-0	Di-n-octyl phthalate	370	U	UG/KG		B17,3/7	
	118-74-1	Hexachlorobenzene	370	U	UG/KG		B17,3/7	
	120-82-1	1,2,4-Trichlorobenzene	370	U	UG/KG		B17,3/7	
	120-83-2	2,4-Dichlorophenol	370	U	UG/KG		B17,3/7	
	121-14-2	**2,4-Dinitrotoluene**	370	U	UG/KG		B17,3/7	
	131-11-3	**Dimethyl phthalate**	370	U	UG/KG		B17,3/7	
	129-00-0	**Pyrene**	370	U	UG/KG		B17,3/7	
	120-12-7	**Anthracene**	370	U	UG/KG		B17,3/7	
	111-91-1	bis(2-Chloroethoxy)methane	370	U	UG/KG		B17,3/7	
	106-47-8	4-Chloroaniline	370	U	UG/KG		B17,3/7	
	101-55-3	4-Bromophenyl phenyl ether	370	U	UG/KG		B17,3/7	
	IT0-001	% Moisture	11		% MOISTURE		B17,3/7	
	95-57-8	2-Chlorophenol	370	U	UG/KG		B17,3/7	
	91-58-7	2-Chloronaphthalene	370	U	UG/KG		B17,3/7	
	88-74-4	2-Nitroaniline	1800	U	UG/KG		B17,3/7	
	78-59-1	Isophorone	370	U	UG/KG		B17,3/7	
	83-32-9	Acenaphthene	370	U	UG/KG		B17,3/7	
	84-66-2	Diethyl phthalate	370	U	UG/KG		B17,3/7	
	85-01-8	Phenanthrene	370	U	UG/KG		B17,3/7	
	85-68-7	Butyl benzyl phthalate	370	U	UG/KG		B17,3/7	
	86-30-6	N-Nitrosodiphenylamine	370	U	UG/KG		B17,3/7	
	86-73-7	Fluorene	370	U	UG/KG		B17,3/7	

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APPENDIX A
ANALYTICAL RESULTS

SAMPLE NUMB	PARAMETER CODE	COMPOUND/ANALYTE	RESULTS	QUALIFIER	UNITS	PRODUCT CODE	SAMPLE LOCATION	FLAG
Ju...	87-68-3	Hexachlorobutadiene	370	U	UG/KG	ME 705	B17,3/7	TRG
	87-86-5	Pentachlorophenol	1800	U	UG/KG		B17,3/7	
	84-74-2	Di-n-butyl phthalate	370	U	UG/KG		B17,3/7	
	59-50-7	4-Chloro-3-methylphenol	370	U	UG/KG		B17,3/7	
	65-85-0	Benzoic acid	1800	U	UG/KG		B17,3/7	
	67-72-1	Hexachloroethane	370	U	UG/KG		B17,3/7	
	77-47-4	Hexachlorocyclopentadiene	370	U	UG/KG		B17,3/7	
	53-70-3	Dibenzo(a,h)anthracene	370	U	UG/KG		B17,3/7	
	56-55-3	Benzo(a)anthracene	370	U	UG/KG		B17,3/7	
	51-28-5	2,4-Dinitrophenol	1800	U	UG/KG		B17,3/7	
	56-23-5	Carbon Tetrachloride	6	U	UG/KG	MV 705	B17,3/7	
	75-35-4	1,1-Dichloroethene	6	U	UG/KG		B17,3/7	
	78-87-5	1,2-Dichloropropane	6	U	UG/KG		B17,3/7	
	78-93-3	2-Butanone	11	U	UG/KG		B17,3/7	
	79-00-5	1,1,2-Trichloroethane	6	U	UG/KG		B17,3/7	
	79-01-6	Trichloroethene	6	U	UG/KG		B17,3/7	
	79-34-5	1,1,2,2-Tetrachloroethane	6	U	UG/KG		B17,3/7	
	IT0-001	% Moisture	11		% MOISTURE		B17,3/7	
	100-41-4	Ethylbenzene	6	U	UG/KG		B17,3/7	
	107-06-2	1,2-Dichloroethane	6	U	UG/KG		B17,3/7	
	108-05-4	Vinyl Acetate	11	U	UG/KG		B17,3/7	
	108-10-1	4-Methyl-2-pentanone	11	U	UG/KG		B17,3/7	
	108-88-3	Toluene	2	J	UG/KG		B17,3/7	
	108-90-7	Chlorobenzene	6	U	UG/KG		B17,3/7	
	124-48-1	Dibromochloromethane	6	U	UG/KG		B17,3/7	
	540-59-0	1,2-Dichloroethylene	6	U	UG/KG		B17,3/7	
	591-78-6	2-Hexanone	11	U	UG/KG		B17,3/7	
	1330-20-7	Total xylenes	6	U	UG/KG		B17,3/7	
	10061-01-5	cis-1,3-Dichloropropene	6	U	UG/KG		B17,3/7	
	10061-02-6	trans-1,3-Dichloropropene	6	U	UG/KG		B17,3/7	
	127-18-4	Tetrachlorethene	6	U	UG/KG		B17,3/7	
	100-42-5	Styrene	6	U	UG/KG		B17,3/7	
	75-00-3	Chloroethane	11	U	UG/KG		B17,3/7	
	75-01-4	Vinyl chloride	11	U	UG/KG		B17,3/7	
	75-09-2	Methylene chloride	10	B	UG/KG		B17,3/7	
	75-15-0	Carbon disulfide	6	U	UG/KG		B17,3/7	
	75-25-2	Bromoform	6	U	UG/KG		B17,3/7	
	75-27-4	Bromodichloromethane	6	U	UG/KG		B17,3/7	
	75-34-3	1,1-Dichloroethane	6	U	UG/KG		B17,3/7	
	67-66-3	Chloroform	6	U	UG/KG		B17,3/7	
	71-43-2	Benzene	6	U	UG/KG		B17,3/7	
	74-87-3	Chloromethane	11	U	UG/KG		B17,3/7	
	74-83-9	Bromomethane	11	U	UG/KG		B17,3/7	
	71-55-6	1,1,1-Trichloroethane	6	U	UG/KG		B17,3/7	
	67-64-1	Acetone	39	B	UG/KG		B17,3/7	
	57-12-5	Cyanide	.6	U	MG/KG	WW 037	B17,3/7	

APPENDIX A
ANALYTICAL RESULTS

3 10 01052

SAMPLE NUMBER	PARAMETER CODE	COMPOUND/ANALYTE	RESULTS	QUALIFIER	UNITS	PRODUCT CODE	SAMPLE LOCATION	FLAG
J6..	7439-92-1	Lead	6.1		MG/KG	AG 704	B17,7/11	TRG
	7782-49-2	Selenium	4	UW	MG/KG		B17,7/11	
	7440-38-2	Arsenic	1	U	MG/KG		B17,7/11	
	7440-28-0	Thallium	.4	UW	MG/KG		B17,7/11	
	ITO-003	% Solids	84.5		% SOLIDS	AP 706	B17,7/11	
	7440-66-6	Zinc	5.9		MG/KG		B17,7/11	
	7440-70-2	Calcium	194	B	MG/KG		B17,7/11	
	7439-89-6	Iron	2500		MG/KG		B17,7/11	
	7440-41-7	Beryllium	.1	U	MG/KG		B17,7/11	
	7440-43-9	Cadmium	.6	U	MG/KG		B17,7/11	
	7440-47-3	Chromium	8		MG/KG		B17,7/11	
	7440-48-4	Cobalt	2	U	MG/KG		B17,7/11	
	7440-62-2	Vanadium	10		MG/KG		B17,7/11	
	7440-50-8	Copper	2	B	MG/KG		B17,7/11	
	7440-39-3	Barium	45.3		MG/KG		B17,7/11	
	7440-36-0	Antimony	4	U	MG/KG		B17,7/11	
	7440-23-5	Sodium	24	U	MG/KG		B17,7/11	
	7440-22-4	Silver	.6	U	MG/KG		B17,7/11	
	7440-09-7	Potassium	118	U	MG/KG		B17,7/11	
	7440-02-0	Nickel	2	U	MG/KG		B17,7/11	
	7439-96-5	Manganese	12.4		MG/KG		B17,7/11	
	7439-95-4	Magnesium	178	B	MG/KG		B17,7/11	
	7429-90-5	Aluminum	7470		MG/KG		B17,7/11	
	7439-97-6	Mercury	.02	U	MG/KG	AV 006	B17,7/11	
	50-29-3	4,4'-DDT	19	U	UG/KG	GC 723	B17,7/11	
	72-43-5	Methoxychlor	93	U	UG/KG		B17,7/11	
	72-54-8	4,4'-DDD	19	U	UG/KG		B17,7/11	
	11096-82-5	Aroclor-1260	190	U	UG/KG		B17,7/11	
	72-55-9	4,4'-DDE	19	U	UG/KG		B17,7/11	
	11097-69-1	Aroclor-1254	190	U	UG/KG		B17,7/11	
	11104-28-2	Aroclor-1221	93	U	UG/KG		B17,7/11	
	11141-16-5	Aroclor-1232	93	U	UG/KG		B17,7/11	
	12672-29-6	Aroclor-1248	93	U	UG/KG		B17,7/11	
	12674-11-2	Aroclor-1016	93	U	UG/KG		B17,7/11	
	53494-70-5	Endrin ketone	19	U	UG/KG		B17,7/11	
	53469-21-9	Aroclor-1242	93	U	UG/KG		B17,7/11	
	33213-65-9	Endosulfan II	19	U	UG/KG		B17,7/11	
	319-86-8	delta-BHC	9.3	U	UG/KG		B17,7/11	
	959-98-8	Endosulfan-I	9.3	U	UG/KG		B17,7/11	
	319-85-7	beta-BHC	9.3	U	UG/KG		B17,7/11	
	1031-07-8	Endosulfan sulfate	19	U	UG/KG		B17,7/11	
	5103-71-9	alpha-Chlordane	93	U	UG/KG		B17,7/11	
	5103-74-2	gamma-Chlordane	93	U	UG/KG		B17,7/11	
	8001-35-2	Toxaphene	190	U	UG/KG		B17,7/11	
	1024-57-3	Heptachlor epoxide	9.3	U	UG/KG		B17,7/11	
	76-44-8	Heptachlor	9.3	U	UG/KG		B17,7/11	
	319-84-6	alpha-BHC	9.3	U	UG/KG		B17,7/11	
	309-00-2	Aldrin	9.3	U	UG/KG		B17,7/11	
	ITO-001	% Moisture	15		% MOISTURE		B17,7/11	
	72-20-8	Endrin	19	U	UG/KG		B17,7/11	
	60-57-1	Dieldrin	19	U	UG/KG		B17,7/11	
	58-89-9	gamma-BHC (Lindane)	9.3	U	UG/KG		B17,7/11	

APPENDIX A
ANALYTICAL RESULTS

3 10 01053

SAMPLE NUMB	PARAMETER CODE	COMPOUND/ANALYTE	RESULTS	QUALIFIER	UNITS	PRODUCT CODE	SAMPLE LOCATION	FLAG
J..Y	50-32-8	Benzo(a)pyrene	380	U	UG/KG	ME 705	B17,7/11	TRG
	100-51-6	Benzyl alcohol	380	U	UG/KG		B17,7/11	
	56-55-3	Benzo(a)anthracene	380	U	UG/KG		B17,7/11	
	59-50-7	4-Chloro-3-methylphenol	380	U	UG/KG		B17,7/11	
	85-01-8	Phenanthrene	380	U	UG/KG		B17,7/11	
	101-55-3	4-Bromophenyl phenyl ether	380	U	UG/KG		B17,7/11	
	105-67-9	2,4-Dimethylphenol	380	U	UG/KG		B17,7/11	
	106-44-5	4-Methylphenol	380	U	UG/KG		B17,7/11	
	106-46-7	1,4-Dichlorobenzene	380	U	UG/KG		B17,7/11	
	106-47-8	4-Chloroaniline	380	U	UG/KG		B17,7/11	
	108-95-2	Phenol	380	U	UG/KG		B17,7/11	
	111-44-4	bis(2-Chloroethyl)ether	380	U	UG/KG		B17,7/11	
	117-81-7	bis(2-Ethylhexyl) phthalate	1300	B	UG/KG		B17,7/11	
	117-84-0	Di-n-octyl phthalate	380	U	UG/KG		B17,7/11	
	118-74-1	Hexachlorobenzene	380	U	UG/KG		B17,7/11	
	120-12-7	Anthracene	380	U	UG/KG		B17,7/11	
	120-82-1	1,2,4-Trichlorobenzene	380	U	UG/KG		B17,7/11	
	120-83-2	2,4-Dichlorophenol	380	U	UG/KG		B17,7/11	
	129-00-0	Pyrene	380	U	UG/KG		B17,7/11	
	131-11-3	Dimethyl phthalate	380	U	UG/KG		B17,7/11	
	132-64-9	Dibenzofuran	380	U	UG/KG		B17,7/11	
	193-39-5	Indeno(1,2,3-cd)pyrene	380	U	UG/KG		B17,7/11	
	205-99-2	Benzo(b)fluoranthene	380	U	UG/KG		B17,7/11	
	206-44-0	Fluoranthene	380	U	UG/KG		B17,7/11	
	208-96-8	Acenaphthylene	380	U	UG/KG		B17,7/11	
	218-01-9	Chrysene	380	U	UG/KG		B17,7/11	
	534-52-1	4,6-Dinitro-2-methylphenol	1900	U	UG/KG		B17,7/11	
	541-73-1	1,3-Dichlorobenzene	380	U	UG/KG		B17,7/11	
	606-20-2	2,6-Dinitrotoluene	380	U	UG/KG		B17,7/11	
	621-64-7	N-Nitroso-di-n-propylamine	380	U	UG/KG		B17,7/11	
	7005-72-3	4-Chlorophenylphenyl ether	380	U	UG/KG		B17,7/11	
	207-08-9	Benzo(k)fluoranthene	380	U	UG/KG		B17,7/11	
	191-24-2	Benzo(g,h,i)perylene	380	U	UG/KG		B17,7/11	
	121-14-2	2,4-Dinitrotoluene	380	U	UG/KG		B17,7/11	
	111-91-1	bis(2-Chloroethoxy)methane	380	U	UG/KG		B17,7/11	
	108-60-1	bis(2-Chloroisopropyl)ether	380	U	UG/KG		B17,7/11	
	85-68-7	Butyl benzyl phthalate	380	U	UG/KG		B17,7/11	
	86-30-6	N-Nitrosodiphenylamine	380	U	UG/KG		B17,7/11	
	91-58-7	2-Chloronaphthalene	380	U	UG/KG		B17,7/11	
	91-94-1	3,3'-Dichlorobenzidine	770	U	UG/KG		B17,7/11	
	95-48-7	2-Methylphenol	380	U	UG/KG		B17,7/11	
	95-50-1	1,2-Dichlorobenzene	380	U	UG/KG		B17,7/11	
	86-73-7	Fluorene	380	U	UG/KG		B17,7/11	
	95-57-8	2-Chlorophenol	380	U	UG/KG		B17,7/11	
	95-95-4	2,4,5-Trichlorophenol	1900	U	UG/KG		B17,7/11	
	98-95-3	Nitrobenzene	380	U	UG/KG		B17,7/11	
	99-09-2	3-Nitroaniline	1900	U	UG/KG		B17,7/11	
	IT0-001	% Moisture	15		% MOISTURE		B17,7/11	
	100-01-6	4-Nitroaniline	1900	U	UG/KG		B17,7/11	
	100-02-7	4-Nitrophenol	1900	U	UG/KG		B17,7/11	
	87-68-3	Hexachlorobutadiene	380	U	UG/KG		B17,7/11	
	87-86-5	Pentachlorophenol	1900	U	UG/KG		B17,7/11	
	88-06-2	2,4,6-Trichlorophenol	380	U	UG/KG		B17,7/11	
	88-74-4	2-Nitroaniline	1900	U	UG/KG		B17,7/11	
	88-75-5	2-Nitrophenol	380	U	UG/KG		B17,7/11	
	91-57-6	2-Methylnaphthalene	380	U	UG/KG		B17,7/11	

3 10 01054

APPENDIX A
ANALYTICAL RESULTS

SAMPLE NUMBER	PARAMETER CODE	COMPOUND/ANALYTE	RESULTS	QUALIFIER	UNITS	PRODUCT CODE	SAMPLE LOCATION	FLAG
J	91-20-3	Naphthalene	380	U	UG/KG	ME 705	B17,7/11	TRG
	84-74-2	Di-n-butyl phthalate	380	U	UG/KG		B17,7/11	
	84-66-2	Diethyl phthalate	380	U	UG/KG		B17,7/11	
	65-85-0	Benzoic acid	1900	U	UG/KG		B17,7/11	
	83-32-9	Acenaphthene	380	U	UG/KG		B17,7/11	
	78-59-1	Isophorone	380	U	UG/KG		B17,7/11	
	77-47-4	Hexachlorocyclopentadiene	380	U	UG/KG		B17,7/11	
	67-72-1	Hexachloroethane	380	U	UG/KG		B17,7/11	
	53-70-3	Dibenzo(a,h)anthracene	380	U	UG/KG		B17,7/11	
	51-28-5	2,4-Dinitrophenol	1900	U	UG/KG		B17,7/11	
	56-23-5	Carbon Tetrachloride	6	U	UG/KG	MV 705	B17,7/11	
	79-00-5	1,1,2-Trichloroethane	6	U	UG/KG		B17,7/11	
	75-15-0	Carbon disulfide	1	J	UG/KG		B17,7/11	
	79-01-6	Trichloroethene	6	U	UG/KG		B17,7/11	
	79-34-5	1,1,2,2-Tetrachloroethane	6	U	UG/KG		B17,7/11	
	IT0-001	% Moisture	15		% MOISTURE		B17,7/11	
	100-41-4	Ethylbenzene	6	U	UG/KG		B17,7/11	
	100-42-5	Styrene	6	U	UG/KG		B17,7/11	
	107-06-2	1,2-Dichloroethane	6	U	UG/KG		B17,7/11	
	108-05-4	Vinyl Acetate	12	U	UG/KG		B17,7/11	
	108-10-1	4-Methyl-2-pentanone	12	U	UG/KG		B17,7/11	
	108-88-3	Toluene	2	J	UG/KG		B17,7/11	
	108-90-7	Chlorobenzene	6	U	UG/KG		B17,7/11	
	127-18-4	Tetrachlorethene	6	U	UG/KG		B17,7/11	
	540-59-0	1,2-Dichloroethylene	6	U	UG/KG		B17,7/11	
	591-78-6	2-Hexanone	12	U	UG/KG		B17,7/11	
	10061-01-5	cis-1,3-Dichloropropene	6	U	UG/KG		B17,7/11	
	10061-02-6	trans-1,3-Dichloropropene	6	U	UG/KG		B17,7/11	
	1330-20-7	Total xylenes	6	U	UG/KG		B17,7/11	
	124-48-1	Dibromochloromethane	6	U	UG/KG		B17,7/11	
	75-25-2	Bromoform	6	U	UG/KG		B17,7/11	
	75-27-4	Bromodichloromethane	6	U	UG/KG		B17,7/11	
	75-34-3	1,1-Dichloroethane	6	U	UG/KG		B17,7/11	
	78-87-5	1,2-Dichloropropane	6	U	UG/KG		B17,7/11	
	78-93-3	2-Butanone	12	U	UG/KG		B17,7/11	
	75-35-4	1,1-Dichloroethene	6	U	UG/KG		B17,7/11	
	75-09-2	Methylene chloride	12	B	UG/KG		B17,7/11	
	75-01-4	Vinyl chloride	12	U	UG/KG		B17,7/11	
	75-00-3	Chloroethane	12	U	UG/KG		B17,7/11	
	74-87-3	Chloromethane	12	U	UG/KG		B17,7/11	
	74-83-9	Bromomethane	12	U	UG/KG		B17,7/11	
	71-55-6	1,1,1-Trichloroethane	6	U	UG/KG		B17,7/11	
	71-43-2	Benzene	6	U	UG/KG		B17,7/11	
	67-66-3	Chloroform	6	U	UG/KG		B17,7/11	
	67-64-1	Acetone	67	B	UG/KG		B17,7/11	
	57-12-5	Cyanide	.6	U	MG/KG	WW 037	B17,7/11	

3 10 01055

APPENDIX A
ANALYTICAL RESULTS

SAMPLE NUMBER	PARAMETER CODE	COMPOUND/ANALYTE	RESULTS	QUALIFIER	UNITS	PRODUCT CODE	SAMPLE LOCATION	FLAG
J	7439-92-1	Lead	8.2	W	MG/KG	AG 704	B12,3/7	TRG
	7782-49-2	Selenium	2	U	MG/KG		B12,3/7	
	7440-38-2	Arsenic	1	U	MG/KG		B12,3/7	
	7440-28-0	Thallium	.3	UW	MG/KG		B12,3/7	
	ITO-003	% Solids	86.4		% SOLIDS	AP 706	B12,3/7	
	7439-89-6	Iron	5660		MG/KG		B12,3/7	
	7440-22-4	Silver	.6	U	MG/KG		B12,3/7	
	7440-23-5	Sodium	23	U	MG/KG		B12,3/7	
	7440-36-0	Antimony	3	U	MG/KG		B12,3/7	
	7440-50-8	Copper	3	B	MG/KG		B12,3/7	
	7440-62-2	Vanadium	22		MG/KG		B12,3/7	
	7440-66-6	Zinc	19.5		MG/KG		B12,3/7	
	7440-70-2	Calcium	263	B	MG/KG		B12,3/7	
	7440-48-4	Cobalt	2	U	MG/KG		B12,3/7	
	7440-47-3	Chromium	6		MG/KG		B12,3/7	
	7440-39-3	Barium	36.8	B	MG/KG		B12,3/7	
	7440-43-9	Cadmium	.6	U	MG/KG		B12,3/7	
	7440-41-7	Beryllium	.1	U	MG/KG		B12,3/7	
	7440-09-7	Potassium	116	U	MG/KG		B12,3/7	
	7440-02-0	Nickel	2	U	MG/KG		B12,3/7	
	7439-96-5	Manganese	26.4		MG/KG		B12,3/7	
	7439-95-4	Magnesium	173	B	MG/KG		B12,3/7	
	7429-90-5	Aluminum	5820		MG/KG		B12,3/7	
	7439-97-6	Mercury	.03		MG/KG	AV 006	B12,3/7	
	50-29-3	4,4'-DDT	20	U	UG/KG	GC 723	B12,3/7	
	5103-74-2	gamma-Chlordane	98	U	UG/KG		B12,3/7	
	8001-35-2	Toxaphene	200	U	UG/KG		B12,3/7	
	11096-82-5	Aroclor-1260	200	U	UG/KG		B12,3/7	
	11104-28-2	Aroclor-1221	98	U	UG/KG		B12,3/7	
	11141-16-5	Aroclor-1232	98	U	UG/KG		B12,3/7	
	12672-29-6	Aroclor-1248	98	U	UG/KG		B12,3/7	
	12674-11-2	Aroclor-1016	98	U	UG/KG		B12,3/7	
	33213-65-9	Endosulfan II	20	U	UG/KG		B12,3/7	
	53469-21-9	Aroclor-1242	98	U	UG/KG		B12,3/7	
	53494-70-5	Endrin ketone	20	U	UG/KG		B12,3/7	
	11097-69-1	Aroclor-1254	200	U	UG/KG		B12,3/7	
	319-84-6	alpha-BHC	9.8	U	UG/KG		B12,3/7	
	319-85-7	beta-BHC	9.8	U	UG/KG		B12,3/7	
	319-86-8	delta-BHC	9.8	U	UG/KG		B12,3/7	
	959-98-8	Endosulfan-I	9.8	U	UG/KG		B12,3/7	
	1024-57-3	Heptachlor epoxide	9.8	U	UG/KG		B12,3/7	
	1031-07-8	Endosulfan sulfate	20	U	UG/KG		B12,3/7	
	5103-71-9	alpha-Chlordane	98	U	UG/KG		B12,3/7	
	309-00-2	Aldrin	9.8	U	UG/KG		B12,3/7	
	72-55-9	4,4'-DDE	20	U	UG/KG		B12,3/7	
	76-44-8	Heptachlor	9.8	U	UG/KG		B12,3/7	
	ITO-001	% Moisture	18		% MOISTURE		B12,3/7	
	60-57-1	Dieldrin	20	U	UG/KG		B12,3/7	
	72-43-5	Methoxychlor	98	U	UG/KG		B12,3/7	
	72-54-8	4,4'-DDD	20	U	UG/KG		B12,3/7	
	72-20-8	Endrin	20	U	UG/KG		B12,3/7	
	58-89-9	gamma-BHC (Lindane)	9.8	U	UG/KG		B12,3/7	

APPENDIX A
ANALYTICAL RESULTS

3 10 01056

SAMPLE NUMBER	PARAMETER CODE	COMPOUND/ANALYTE	RESULTS	QUALIFIER	UNITS	PRODUCT CODE	SAMPLE LOCATION	FLAG
J[redacted]	50-32-8	Benzo(a)pyrene	400	U	UG/KG	ME 705	B12,3/7	TRG
	105-67-9	2,4-Dimethylphenol	400	U	UG/KG		B12,3/7	
	106-44-5	4-Methylphenol	400	U	UG/KG		B12,3/7	
	106-47-8	4-Chloroaniline	400	U	UG/KG		B12,3/7	
	108-60-1	bis(2-Chloroisopropyl)ether	400	U	UG/KG		B12,3/7	
	111-44-4	bis(2-Chloroethyl)ether	400	U	UG/KG		B12,3/7	
	111-91-1	bis(2-Chloroethoxy)methane	400	U	UG/KG		B12,3/7	
	117-81-7	bis(2-Ethylhexyl) phthalate	670	B	UG/KG		B12,3/7	
	118-74-1	Hexachlorobenzene	400	U	UG/KG		B12,3/7	
	120-12-7	Anthracene	400	U	UG/KG		B12,3/7	
	120-82-1	1,2,4-Trichlorobenzene	400	U	UG/KG		B12,3/7	
	121-14-2	2,4-Dinitrotoluene	400	U	UG/KG		B12,3/7	
	129-00-0	Pyrene	400	U	UG/KG		B12,3/7	
	131-11-3	Dimethyl phthalate	400	U	UG/KG		B12,3/7	
	191-24-2	Benzo(g,h,i)perylene	400	U	UG/KG		B12,3/7	
	193-39-5	Indeno(1,2,3-cd)pyrene	400	U	UG/KG		B12,3/7	
	205-99-2	Benzo(b)fluoranthene	400	U	UG/KG		B12,3/7	
	207-08-9	Benzo(k)fluoranthene	400	U	UG/KG		B12,3/7	
	208-96-8	Acenaphthylene	400	U	UG/KG		B12,3/7	
	218-01-9	Chrysene	400	U	UG/KG		B12,3/7	
	541-73-1	1,3-Dichlorobenzene	400	U	UG/KG		B12,3/7	
	606-20-2	2,6-Dinitrotoluene	400	U	UG/KG		B12,3/7	
	621-64-7	N-Nitroso-di-n-propylamine	400	U	UG/KG		B12,3/7	
	7005-72-3	4-Chlorophenylphenyl ether	400	U	UG/KG		B12,3/7	
	534-52-1	4,6-Dinitro-2-methylphenol	2000	U	UG/KG		B12,3/7	
	206-44-0	Fluoranthene	400	U	UG/KG		B12,3/7	
	132-64-9	Dibenzofuran	400	U	UG/KG		B12,3/7	
	120-83-2	2,4-Dichlorophenol	400	U	UG/KG		B12,3/7	
	117-84-0	Di-n-octyl phthalate	400	U	UG/KG		B12,3/7	
	108-95-2	Phenol	140	J	UG/KG		B12,3/7	
	106-46-7	1,4-Dichlorobenzene	400	U	UG/KG		B12,3/7	
	53-70-3	Dibenzo(a,h)anthracene	400	U	UG/KG		B12,3/7	
	84-74-2	Di-n-butyl phthalate	400	U	UG/KG		B12,3/7	
	85-01-8	Phenanthrene	400	U	UG/KG		B12,3/7	
	91-57-6	2-Methylnaphthalene	400	U	UG/KG		B12,3/7	
	91-58-7	2-Chloronaphthalene	400	U	UG/KG		B12,3/7	
	91-94-1	3,3'-Dichlorobenzidine	810	U	UG/KG		B12,3/7	
	95-48-7	2-Methylphenol	400	U	UG/KG		B12,3/7	
	95-57-8	2-Chlorophenol	290	J	UG/KG		B12,3/7	
	95-95-4	2,4,5-Trichlorophenol	2000	U	UG/KG		B12,3/7	
	98-95-3	Nitrobenzene	400	U	UG/KG		B12,3/7	
	99-09-2	3-Nitroaniline	2000	U	UG/KG		B12,3/7	
	IT0-001	% Moisture	18		% MOISTURE		B12,3/7	
	95-50-1	1,2-Dichlorobenzene	400	U	UG/KG		B12,3/7	
	100-01-6	4-Nitroaniline	2000	U	UG/KG		B12,3/7	
	100-02-7	4-Nitrophenol	2000	U	UG/KG		B12,3/7	
	85-68-7	Butyl benzyl phthalate	400	U	UG/KG		B12,3/7	
	100-51-6	Benzyl alcohol	400	U	UG/KG		B12,3/7	
	101-55-3	4-Bromophenyl phenyl ether	400	U	UG/KG		B12,3/7	
	86-30-6	N-Nitrosodiphenylamine	400	U	UG/KG		B12,3/7	
	87-68-3	Hexachlorobutadiene	400	U	UG/KG		B12,3/7	
	87-86-5	Pentachlorophenol	2000	U	UG/KG		B12,3/7	
	88-06-2	2,4,6-Trichlorophenol	400	U	UG/KG		B12,3/7	
	88-74-4	2-Nitroaniline	2000	U	UG/KG		B12,3/7	
	88-75-5	2-Nitrophenol	400	U	UG/KG		B12,3/7	
	91-20-3	Naphthalene	400	U	UG/KG		B12,3/7	

3 10 01057

APPENDIX A
ANALYTICAL RESULTS

SAMPLE NUM	PARAMETER CODE	COMPOUND/ANALYTE	RESULTS	QUALIFIER	UNITS	PRODUCT CODE	SAMPLE LOCATION	FLAG
	86-73-7	Fluorene	400	U	UG/KG	ME 705	B12,3/7	TRG
	84-66-2	Diethyl phthalate	400	U	UG/KG		B12,3/7	
	83-32-9	Acenaphthene	400	U	UG/KG		B12,3/7	
	78-59-1	Isophorone	400	U	UG/KG		B12,3/7	
	77-47-4	Hexachlorocyclopentadiene	400	U	UG/KG		B12,3/7	
	67-72-1	Hexachloroethane	400	U	UG/KG		B12,3/7	
	65-85-0	Benzoic acid	2000	U	UG/KG		B12,3/7	
	59-50-7	4-Chloro-3-methylphenol	400	U	UG/KG		B12,3/7	
	56-55-3	Benzo(a)anthracene	400	U	UG/KG		B12,3/7	
	51-28-5	2,4-Dinitrophenol	2000	U	UG/KG		B12,3/7	
	56-23-5	Carbon Tetrachloride	6	U	UG/KG	MV 705	B12,3/7	
	67-66-3	Chloroform	29		UG/KG		B12,3/7	
	71-43-2	Benzene	6	U	UG/KG		B12,3/7	
	75-09-2	Methylene chloride	12	B	UG/KG		B12,3/7	
	75-27-4	Bromodichloromethane	6	U	UG/KG		B12,3/7	
	IT0-001	% Moisture	18		% MOISTURE		B12,3/7	
	100-41-4	Ethylbenzene	6	U	UG/KG		B12,3/7	
	100-42-5	Styrene	6	U	UG/KG		B12,3/7	
	107-06-2	1,2-Dichloroethane	6	U	UG/KG		B12,3/7	
	108-05-4	Vinyl Acetate	12	U	UG/KG		B12,3/7	
	108-10-1	4-Methyl-2-pentanone	12	U	UG/KG		B12,3/7	
	108-88-3	Toluene	3	JB	UG/KG		B12,3/7	
	124-48-1	Dibromochloromethane	6	U	UG/KG		B12,3/7	
	127-18-4	Tetrachloroethene	6	U	UG/KG		B12,3/7	
	540-59-0	1,2-Dichloroethylene	6	U	UG/KG		B12,3/7	
	591-78-6	2-Hexanone	12	U	UG/KG		B12,3/7	
	1330-20-7	Total xylenes	6	U	UG/KG		B12,3/7	
	10061-01-5	cis-1,3-Dichloropropene	6	U	UG/KG		B12,3/7	
	10061-02-6	trans-1,3-Dichloropropene	6	U	UG/KG		B12,3/7	
	108-90-7	Chlorobenzene	6	U	UG/KG		B12,3/7	
	75-25-2	Bromoform	6	U	UG/KG		B12,3/7	
	78-87-5	1,2-Dichloropropane	6	U	UG/KG		B12,3/7	
	78-93-3	2-Butanone	12	U	UG/KG		B12,3/7	
	79-00-5	1,1,2-Trichloroethane	6	U	UG/KG		B12,3/7	
	79-01-6	Trichloroethene	6	U	UG/KG		B12,3/7	
	79-34-5	1,1,2,2-Tetrachloroethane	4	J	UG/KG		B12,3/7	
	75-35-4	1,1-Dichloroethene	6	U	UG/KG		B12,3/7	
	75-34-3	1,1-Dichloroethane	6	U	UG/KG		B12,3/7	
	75-15-0	Carbon disulfide	6	U	UG/KG		B12,3/7	
	75-01-4	Vinyl chloride	12	U	UG/KG		B12,3/7	
	75-00-3	Chloroethane	12	U	UG/KG		B12,3/7	
	74-87-3	Chloromethane	12	U	UG/KG		B12,3/7	
	74-83-9	Bromomethane	12	U	UG/KG		B12,3/7	
	71-55-6	1,1,1-Trichloroethane	6	U	UG/KG		B12,3/7	
	67-64-1	Acetone	120	B	UG/KG		B12,3/7	
	57-12-5	Cyanide	.6	U	MG/KG	WW 037	B12,3/7	

Thu Jun 20

3 10 01058

APPENDIX A
ANALYTICAL RESULTS

SAMPLE NUMBER	PARAMETER CODE	COMPOUND/ANALYTE	RESULTS	QUALIFIER	UNITS	PRODUCT CODE	SAMPLE LOCATION	FLAG
J.	50-32-8	Benzo(a)pyrene	370	U	UG/KG	ME 705	B18,3/7	R
	56-55-3	Benzo(a)anthracene	370	U	UG/KG		B18,3/7	
	101-55-3	4-Bromophenyl phenyl ether	370	U	UG/KG		B18,3/7	
	88-74-4	2-Nitroaniline	1800	U	UG/KG		B18,3/7	
	88-75-5	2-Nitrophenol	370	U	UG/KG		B18,3/7	
	91-20-3	Naphthalene	370	U	UG/KG		B18,3/7	
	105-67-9	2,4-Dimethylphenol	370	U	UG/KG		B18,3/7	
	106-44-5	4-Methylphenol	370	U	UG/KG		B18,3/7	
	106-46-7	1,4-Dichlorobenzene	370	U	UG/KG		B18,3/7	
	106-47-8	4-Chloroaniline	370	U	UG/KG		B18,3/7	
	108-95-2	Phenol	370	U	UG/KG		B18,3/7	
	111-44-4	bis(2-Chloroethyl)ether	370	U	UG/KG		B18,3/7	
	111-91-1	bis(2-Chloroethoxy)methane	370	U	UG/KG		B18,3/7	
	117-81-7	bis(2-Ethylhexyl) phthalate	440	B	UG/KG		B18,3/7	
	117-84-0	Di-n-octyl phthalate	370	U	UG/KG		B18,3/7	
	120-12-7	Anthracene	370	U	UG/KG		B18,3/7	
	120-82-1	1,2,4-Trichlorobenzene	370	U	UG/KG		B18,3/7	
	121-14-2	2,4-Dinitrotoluene	370	U	UG/KG		B18,3/7	
	129-00-0	Pyrene	370	U	UG/KG		B18,3/7	
	132-64-9	Dibenzofuran	370	U	UG/KG		B18,3/7	
	191-24-2	Benzo(g,h,i)perylene	370	U	UG/KG		B18,3/7	
	193-39-5	Indeno(1,2,3-cd)pyrene	370	U	UG/KG		B18,3/7	
	206-44-0	Fluoranthene	370	U	UG/KG		B18,3/7	
	207-08-9	Benzo(k)fluoranthene	370	U	UG/KG		B18,3/7	
	208-96-8	Acenaphthylene	370	U	UG/KG		B18,3/7	
	218-01-9	Chrysene	370	U	UG/KG		B18,3/7	
	534-52-1	4,6-Dinitro-2-methylphenol	1800	U	UG/KG		B18,3/7	
	541-73-1	1,3-Dichlorobenzene	370	U	UG/KG		B18,3/7	
	7005-72-3	4-Chlorophenylphenyl ether	370	U	UG/KG		B18,3/7	
	621-64-7	N-Nitroso-di-n-propylamine	370	U	UG/KG		B18,3/7	
	606-20-2	2,6-Dinitrotoluene	370	U	UG/KG		B18,3/7	
	205-99-2	Benzo(b)fluoranthene	370	U	UG/KG		B18,3/7	
	131-11-3	Dimethyl phthalate	370	U	UG/KG		B18,3/7	
	120-83-2	2,4-Dichlorophenol	370	U	UG/KG		B18,3/7	
	118-74-1	Hexachlorobenzene	370	U	UG/KG		B18,3/7	
	108-60-1	bis(2-Chloroisopropyl)ether	370	U	UG/KG		B18,3/7	
	91-57-6	2-Methylnaphthalene	370	U	UG/KG		B18,3/7	
	91-94-1	3,3'-Dichlorobenzidine	740	U	UG/KG		B18,3/7	
	95-48-7	2-Methylphenol	370	U	UG/KG		B18,3/7	
	95-50-1	1,2-Dichlorobenzene	370	U	UG/KG		B18,3/7	
	95-57-8	2-Chlorophenol	370	U	UG/KG		B18,3/7	
	95-95-4	2,4,5-Trichlorophenol	1800	U	UG/KG		B18,3/7	
	98-95-3	Nitrobenzene	370	U	UG/KG		B18,3/7	
	99-09-2	3-Nitroaniline	1800	U	UG/KG		B18,3/7	
	91-58-7	2-Chloronaphthalene	370	U	UG/KG		B18,3/7	
	59-50-7	4-Chloro-3-methylphenol	370	U	UG/KG		B18,3/7	
	IT0-001	% Moisture	12		% MOISTURE		B18,3/7	
	65-85-0	Benzoic acid	1800	U	UG/KG		B18,3/7	
	85-68-7	Butyl benzyl phthalate	370	U	UG/KG		B18,3/7	
	100-01-6	4-Nitroaniline	1800	U	UG/KG		B18,3/7	
	100-02-7	4-Nitrophenol	1800	U	UG/KG		B18,3/7	
	100-51-6	Benzyl alcohol	370	U	UG/KG		B18,3/7	
	86-30-6	N-Nitrosodiphenylamine	100	BJ	UG/KG		B18,3/7	
	86-73-7	Fluorene	370	U	UG/KG		B18,3/7	
	87-68-3	Hexachlorobutadiene	370	U	UG/KG		B18,3/7	
	87-86-5	Pentachlorophenol	1800	U	UG/KG		B18,3/7	

3 10 01059

APPENDIX A
ANALYTICAL RESULTS

SAMPLE NUMBER	PARAMETER CODE	COMPOUND/ANALYTE	RESULTS	QUALIFIER	UNITS	PRODUCT CODE	SAMPLE LOCATION	FLAG
	88-06-2	2,4,6-Trichlorophenol	370	U	UG/KG	ME 705	B18.3/7	R
	85-01-8	Phenanthrene	370	U	UG/KG		B18.3/7	
	84-74-2	Di-n-butyl phthalate	370	U	UG/KG		B18.3/7	
	67-72-1	Hexachloroethane	370	U	UG/KG		B18.3/7	
	84-66-2	Diethyl phthalate	370	U	UG/KG		B18.3/7	
	83-32-9	Acenaphthene	370	U	UG/KG		B18.3/7	
	78-59-1	Isophorone	370	U	UG/KG		B18.3/7	
	77-47-4	Hexachlorocyclopentadiene	370	U	UG/KG		B18.3/7	
	53-70-3	Dibenzo(a,h)anthracene	370	U	UG/KG		B18.3/7	
	51-28-5	2,4-Dinitrophenol	1800	U	UG/KG		B18.3/7	

3 10 01060

APPENDIX A
ANALYTICAL RESULTS

SAMPLE NUMBER	PARAMETER CODE	COMPOUND/ANALYTE	RESULTS	QUALIFIER	UNITS	PRODUCT CODE	SAMPLE LOCATION	FLAG
J.	7439-92-1	Lead	5		MG/KG	AG 704	B18,3/7	TRG
	7782-49-2	Selenium	2	UWN	MG/KG		B18,3/7	
	7440-38-2	Arsenic	.3	UW	MG/KG		B18,3/7	
	7440-28-0	Thallium	.2	UW	MG/KG		B18,3/7	
	ITO-003	% Solids	88.7		% SOLIDS	AP 706	B18,3/7	
	7440-66-6	Zinc	1.6	B	MG/KG		B18,3/7	
	7439-89-6	Iron	1960	*	MG/KG		B18,3/7	
	7439-95-4	Magnesium	75	B	MG/KG		B18,3/7	
	7440-70-2	Calcium	30	B	MG/KG		B18,3/7	
	7439-96-5	Manganese	.7	B	MG/KG		B18,3/7	
	7440-43-9	Cadmium	.6	U	MG/KG		B18,3/7	
	7440-47-3	Chromium	2	N*	MG/KG		B18,3/7	
	7440-48-4	Cobalt	2	U	MG/KG		B18,3/7	
	7440-50-8	Copper	7	N*	MG/KG		B18,3/7	
	7440-62-2	Vanadium	14	N	MG/KG		B18,3/7	
	7440-41-7	Beryllium	.1	B	MG/KG		B18,3/7	
	7440-39-3	Barium	30.7	B	MG/KG		B18,3/7	
	7440-36-0	Antimony	3	U	MG/KG		B18,3/7	
	7440-23-5	Sodium	65	B	MG/KG		B18,3/7	
	7440-22-4	Silver	.6	UN	MG/KG		B18,3/7	
	7440-09-7	Potassium	113	U	MG/KG		B18,3/7	
	7440-02-0	Nickel	2	U	MG/KG		B18,3/7	
	7429-90-5	Aluminum	2440	*	MG/KG		B18,3/7	
	7439-97-6	Mercury	.03	U	MG/KG	AV 006	B18,3/7	
	50-29-3	4,4'-DDT	18	U	UG/KG	GC 723	B18,3/7	
	319-84-6	alpha-BHC	9	U	UG/KG		B18,3/7	
	319-85-7	beta-BHC	9	U	UG/KG		B18,3/7	
	11104-28-2	Aroclor-1221	90	U	UG/KG		B18,3/7	
	11141-16-5	Aroclor-1232	90	U	UG/KG		B18,3/7	
	12672-29-6	Aroclor-1248	90	U	UG/KG		B18,3/7	
	53469-21-9	Aroclor-1242	90	U	UG/KG		B18,3/7	
	53494-70-5	Endrin ketone	18	U	UG/KG		B18,3/7	
	33213-65-9	Endosulfan II	18	U	UG/KG		B18,3/7	
	12674-11-2	Aroclor-1016	90	U	UG/KG		B18,3/7	
	319-86-8	delta-BHC	9	U	UG/KG		B18,3/7	
	959-98-8	Endosulfan-I	9	U	UG/KG		B18,3/7	
	1031-07-8	Endosulfan sulfate	18	U	UG/KG		B18,3/7	
	5103-71-9	alpha-Chlordane	90	U	UG/KG		B18,3/7	
	5103-74-2	gamma-Chlordane	90	U	UG/KG		B18,3/7	
	8001-35-2	Toxaphene	180	U	UG/KG		B18,3/7	
	11096-82-5	Aroclor-1260	180	U	UG/KG		B18,3/7	
	11097-69-1	Aroclor-1254	180	U	UG/KG		B18,3/7	
	1024-57-3	Heptachlor epoxide	9	U	UG/KG		B18,3/7	
	309-00-2	Aldrin	9	U	UG/KG		B18,3/7	
	ITO-001	% Moisture	12		% MOISTURE		B18,3/7	
	76-44-8	Heptachlor	9	U	UG/KG		B18,3/7	
	72-55-9	4,4'-DDE	18	U	UG/KG		B18,3/7	
	72-20-8	Endrin	18	U	UG/KG		B18,3/7	
	72-43-5	Methoxychlor	90	U	UG/KG		B18,3/7	
	72-54-8	4,4'-DDD	18	U	UG/KG		B18,3/7	
	60-57-1	Dieldrin	18	U	UG/KG		B18,3/7	
	58-89-9	gamma-BHC (Lindane)	9	U	UG/KG		B18,3/7	

APPENDIX A
ANALYTICAL RESULTS

3 10 01061

SAMPLE NUMBER	PARAMETER CODE	COMPOUND/ANALYTE	RESULTS	QUALIFIER	UNITS	PRODUCT CODE	SAMPLE LOCATION	FLAG
JL	56-23-5	Carbon Tetrachloride	6	U	UG/KG	MV 705	B18,3/7	TRG
	67-66-3	Chloroform	6	U	UG/KG		B18,3/7	
	79-01-6	Trichloroethene	6	U	UG/KG		B18,3/7	
	71-43-2	Benzene	6	U	UG/KG		B18,3/7	
	79-34-5	1,1,2,2-Tetrachloroethane	6	U	UG/KG		B18,3/7	
	ITO-001	% Moisture	12		% MOISTURE		B18,3/7	
	100-41-4	Ethylbenzene	6	U	UG/KG		B18,3/7	
	100-42-5	Styrene	6	U	UG/KG		B18,3/7	
	107-06-2	1,2-Dichloroethane	6	U	UG/KG		B18,3/7	
	108-05-4	Vinyl Acetate	11	U	UG/KG		B18,3/7	
	108-10-1	4-Methyl-2-pentanone	11	U	UG/KG		B18,3/7	
	108-88-3	Toluene	6	B	UG/KG		B18,3/7	
	108-90-7	Chlorobenzene	6	U	UG/KG		B18,3/7	
	124-48-1	Dibromochloromethane	6	U	UG/KG		B18,3/7	
	540-59-0	1,2-Dichloroethylene	6	U	UG/KG		B18,3/7	
	591-78-6	2-Hexanone	11	U	UG/KG		B18,3/7	
	1330-20-7	Total xylenes	6	U	UG/KG		B18,3/7	
	10061-01-5	cis-1,3-Dichloropropene	6	U	UG/KG		B18,3/7	
	10061-02-6	trans-1,3-Dichloropropene	6	U	UG/KG		B18,3/7	
	127-18-4	Tetrachloroethene	6	U	UG/KG		B18,3/7	
	75-27-4	Bromodichloromethane	6	U	UG/KG		B18,3/7	
	75-34-3	1,1-Dichloroethane	6	U	UG/KG		B18,3/7	
	75-35-4	1,1-Dichloroethene	6	U	UG/KG		B18,3/7	
	78-87-5	1,2-Dichloropropane	6	U	UG/KG		B18,3/7	
	78-93-3	2-Butanone	11	U	UG/KG		B18,3/7	
	79-00-5	1,1,2-Trichloroethane	6	U	UG/KG		B18,3/7	
	75-25-2	Bromoform	6	U	UG/KG		B18,3/7	
	75-15-0	Carbon disulfide	6	U	UG/KG		B18,3/7	
	75-00-3	Chloroethane	11	U	UG/KG		B18,3/7	
	75-09-2	Methylene chloride	9	B	UG/KG		B18,3/7	
	75-01-4	Vinyl chloride	11	U	UG/KG		B18,3/7	
	74-87-3	Chloromethane	11	U	UG/KG		B18,3/7	
	74-83-9	Bromomethane	11	U	UG/KG		B18,3/7	
	71-55-6	1,1,1-Trichloroethane	6	U	UG/KG		B18,3/7	
	67-64-1	Acetone	57	B	UG/KG		B18,3/7	
	57-12-5	Cyanide	.6	U	MG/KG	WW 037	B18,3/7	

APPENDIX A
ANALYTICAL RESULTS

3 10 01062

SAMPLE NUMB	PARAMETER CODE	COMPOUND/ANALYTE	RESULTS	QUALIFIER	UNITS	PRODUCT CODE	SAMPLE LOCATION	FLAG
. 4	7439-92-1	Lead	5.7		MG/KG	AG 704	B18.7/11	TRG
	7782-49-2	Selenium	2	UWN	MG/KG		B18.7/11	
	7440-38-2	Arsenic	.3	UW	MG/KG		B18.7/11	
	7440-28-0	Thallium	.3	UW	MG/KG		B18.7/11	
	ITO-003	% Solids	89.6		% SOLIDS	AP 706	B18.7/11	
	7440-39-3	Barium	34.4	B	MG/KG		B18.7/11	
	7440-36-0	Antimony	3	U	MG/KG		B18.7/11	
	7440-43-9	Cadmium	.6	U	MG/KG		B18.7/11	
	7440-47-3	Chromium	6	N*	MG/KG		B18.7/11	
	7440-48-4	Cobalt	2	U	MG/KG		B18.7/11	
	7440-50-8	Copper	6	N*	MG/KG		B18.7/11	
	7440-62-2	Vanadium	16	N	MG/KG		B18.7/11	
	7440-66-6	Zinc	4.8		MG/KG		B18.7/11	
	7440-70-2	Calcium	66	B	MG/KG		B18.7/11	
	7440-41-7	Beryllium	.2	B	MG/KG		B18.7/11	
	7440-23-5	Sodium	56	B	MG/KG		B18.7/11	
	7439-89-6	Iron	5520	*	MG/KG		B18.7/11	
	7440-22-4	Silver	.6	UN	MG/KG		B18.7/11	
	7440-09-7	Potassium	112	U	MG/KG		B18.7/11	
	7440-02-0	Nickel	2	U	MG/KG		B18.7/11	
	7439-96-5	Manganese	2.9	B	MG/KG		B18.7/11	
	7439-95-4	Magnesium	143	B	MG/KG		B18.7/11	
	7429-90-5	Aluminum	6650	*	MG/KG		B18.7/11	
	7439-97-6	Mercury	.02	U	MG/KG	AV 006	B18.7/11	
	50-29-3	4,4'-DDT	21	U	UG/KG	GC 723	B18.7/11	
	11097-69-1	Aroclor-1254	210	U	UG/KG		B18.7/11	
	11104-28-2	Aroclor-1221	100	U	UG/KG		B18.7/11	
	11141-16-5	Aroclor-1232	100	U	UG/KG		B18.7/11	
	12672-29-6	Aroclor-1248	100	U	UG/KG		B18.7/11	
	12674-11-2	Aroclor-1016	100	U	UG/KG		B18.7/11	
	33213-65-9	Endosulfan II	21	U	UG/KG		B18.7/11	
	53469-21-9	Aroclor-1242	100	U	UG/KG		B18.7/11	
	ITO-001	% Moisture	24		% MOISTURE		B18.7/11	
	53494-70-5	Endrin ketone	21	U	UG/KG		B18.7/11	
	309-00-2	Aldrin	10	U	UG/KG		B18.7/11	
	319-84-6	alpha-BHC	10	U	UG/KG		B18.7/11	
	959-98-8	Endosulfan-I	10	U	UG/KG		B18.7/11	
	1024-57-3	Heptachlor epoxide	10	U	UG/KG		B18.7/11	
	1031-07-8	Endosulfan sulfate	21	U	UG/KG		B18.7/11	
	5103-71-9	alpha-Chlordane	100	U	UG/KG		B18.7/11	
	5103-74-2	gamma-Chlordane	100	U	UG/KG		B18.7/11	
	11096-82-5	Aroclor-1260	210	U	UG/KG		B18.7/11	
	8001-35-2	Toxaphene	210	U	UG/KG		B18.7/11	
	319-86-8	delta-BHC	10	U	UG/KG		B18.7/11	
	319-85-7	beta-BHC	10	U	UG/KG		B18.7/11	
	76-44-8	Heptachlor	10	U	UG/KG		B18.7/11	
	72-55-9	4,4'-DDE	21	U	UG/KG		B18.7/11	
	72-43-5	Methoxychlor	100	U	UG/KG		B18.7/11	
	72-54-8	4,4'-DDD	21	U	UG/KG		B18.7/11	
	72-20-8	Endrin	21	U	UG/KG		B18.7/11	
	60-57-1	Dieldrin	21	U	UG/KG		B18.7/11	
	58-89-9	gamma-BHC (Lindane)	10	U	UG/KG		B18.7/11	

APPENDIX A
ANALYTICAL RESULTS

3 10 01063

SAMPLE NUMBER	PARAMETER CODE	COMPOUND/ANALYTE	RESULTS	QUALIFIER	UNITS	PRODUCT CODE	SAMPLE LOCATION	FLAG
Ju	50-32-8	Benzo(a)pyrene	430	U	UG/KG	ME 705	B18,7/11	TRG
	117-81-7	bis(2-Ethylhexyl) phthalate	730	B	UG/KG		B18,7/11	
	117-84-0	Di-n-octyl phthalate	430	U	UG/KG		B18,7/11	
	118-74-1	Hexachlorobenzene	430	U	UG/KG		B18,7/11	
	120-82-1	1,2,4-Trichlorobenzene	430	U	UG/KG		B18,7/11	
	120-83-2	2,4-Dichlorophenol	430	U	UG/KG		B18,7/11	
	121-14-2	2,4-Dinitrotoluene	430	U	UG/KG		B18,7/11	
	129-00-0	Pyrene	430	U	UG/KG		B18,7/11	
	131-11-3	Dimethyl phthalate	430	U	UG/KG		B18,7/11	
	120-12-7	Anthracene	430	U	UG/KG		B18,7/11	
	53-70-3	Dibenzo(a,h)anthracene	430	U	UG/KG		B18,7/11	
	88-06-2	2,4,6-Trichlorophenol	430	U	UG/KG		B18,7/11	
	88-74-4	2-Nitroaniline	2100	U	UG/KG		B18,7/11	
	88-75-5	2-Nitrophenol	430	U	UG/KG		B18,7/11	
	91-20-3	Naphthalene	430	U	UG/KG		B18,7/11	
	91-58-7	2-Chloronaphthalene	430	U	UG/KG		B18,7/11	
	132-64-9	Dibenzofuran	430	U	UG/KG		B18,7/11	
	91-57-6	2-Methylnaphthalene	430	U	UG/KG		B18,7/11	
	91-94-1	3,3'-Dichlorobenzidine	860	U	UG/KG		B18,7/11	
	191-24-2	Benzo(g,h,i)perylene	430	U	UG/KG		B18,7/11	
	95-48-7	2-Methylphenol	430	U	UG/KG		B18,7/11	
	95-50-1	1,2-Dichlorobenzene	430	U	UG/KG		B18,7/11	
	95-57-8	2-Chlorophenol	430	U	UG/KG		B18,7/11	
	193-39-5	Indeno(1,2,3-cd)pyrene	430	U	UG/KG		B18,7/11	
	95-95-4	2,4,5-Trichlorophenol	2100	U	UG/KG		B18,7/11	
	98-95-3	Nitrobenzene	430	U	UG/KG		B18,7/11	
	205-99-2	Benzo(b)fluoranthene	430	U	UG/KG		B18,7/11	
	206-44-0	Fluoranthene	430	U	UG/KG		B18,7/11	
	207-08-9	Benzo(k)fluoranthene	430	U	UG/KG		B18,7/11	
	208-96-8	Acenaphthylene	430	U	UG/KG		B18,7/11	
	541-73-1	1,3-Dichlorobenzene	430	U	UG/KG		B18,7/11	
	606-20-2	2,6-Dinitrotoluene	430	U	UG/KG		B18,7/11	
	7005-72-3	4-Chlorophenylphenyl ether	430	U	UG/KG		B18,7/11	
	621-64-7	N-Nitroso-di-n-propylamine	430	U	UG/KG		B18,7/11	
	534-52-1	4,6-Dinitro-2-methylphenol	2100	U	UG/KG		B18,7/11	
	218-01-9	Chrysene	430	U	UG/KG		B18,7/11	
	99-09-2	3-Nitroaniline	2100	U	UG/KG		B18,7/11	
	100-02-7	4-Nitrophenol	2100	U	UG/KG		B18,7/11	
	100-51-6	Benzyl alcohol	430	U	UG/KG		B18,7/11	
	101-55-3	4-Bromophenyl phenyl ether	430	U	UG/KG		B18,7/11	
	105-67-9	2,4-Dimethylphenol	430	U	UG/KG		B18,7/11	
	106-46-7	1,4-Dichlorobenzene	430	U	UG/KG		B18,7/11	
	106-47-8	4-Chloroaniline	430	U	UG/KG		B18,7/11	
	108-60-1	bis(2-Chloroisopropyl)ether	430	U	UG/KG		B18,7/11	
	108-95-2	Phenol	430	U	UG/KG		B18,7/11	
	111-44-4	bis(2-Chloroethyl)ether	430	U	UG/KG		B18,7/11	
	111-91-1	bis(2-Chloroethoxy)methane	430	U	UG/KG		B18,7/11	
	106-44-5	4-Methylphenol	430	U	UG/KG		B18,7/11	
	100-01-6	4-Nitroaniline	2100	U	UG/KG		B18,7/11	
	ITO-001	% Moisture	24		% MOISTURE		B18,7/11	
	56-55-3	Benzo(a)anthracene	430	U	UG/KG		B18,7/11	
	59-50-7	4-Chloro-3-methylphenol	430	U	UG/KG		B18,7/11	
	85-01-8	Phenanthrene	430	U	UG/KG		B18,7/11	
	85-68-7	Butyl benzyl phthalate	430	U	UG/KG		B18,7/11	
	86-30-6	N-Nitrosodiphenylamine	130	BJ	UG/KG		B18,7/11	
	86-73-7	Fluorene	430	U	UG/KG		B18,7/11	

3 10 01064

APPENDIX A
ANALYTICAL RESULTS

SAMPLE NUMB	PARAMETER CODE	COMPOUND/ANALYTE	RESULTS	QUALIFIER	UNITS	PRODUCT CODE	SAMPLE LOCATION	FLAG
	87-86-5	Pentachlorophenol	2100	U	UG/KG	ME 705	B18,7/11	TRG
	87-68-3	Hexachlorobutadiene	430	U	UG/KG		B18,7/11	
	84-74-2	Di-n-butyl phthalate	430	U	UG/KG		B18,7/11	
	84-66-2	Diethyl phthalate	430	U	UG/KG		B18,7/11	
	65-85-0	Benzoic acid	2100	U	UG/KG		B18,7/11	
	83-32-9	Acenapnthene	430	U	UG/KG		B18,7/11	
	78-59-1	Isophorone	430	U	UG/KG		B18,7/11	
	77-47-4	Hexachlorocyclopentadiene	430	U	UG/KG		B18,7/11	
	67-72-1	Hexachloroethane	430	U	UG/KG		B18,7/11	
	51-28-5	2,4-Dinitrophenol	2100	U	UG/KG		B18,7/11	
	56-23-5	Carbon Tetrachloride	7	U	UG/KG	MV 705	B18,7/11	
	67-66-3	Chloroform	7	U	UG/KG		B18,7/11	
	100-42-5	Styrene	7	U	UG/KG		B18,7/11	
	107-06-2	1,2-Dichloroethane	7	U	UG/KG		B18,7/11	
	108-05-4	Vinyl Acetate	13	U	UG/KG		B18,7/11	
	108-10-1	4-Methyl-2-pentanone	13	U	UG/KG		B18,7/11	
	108-90-7	Chlorobenzene	7	U	UG/KG		B18,7/11	
	124-48-1	Dibromochloromethane	7	U	UG/KG		B18,7/11	
	127-18-4	Tetrachloroethene	7	U	UG/KG		B18,7/11	
	540-59-0	1,2-Dichloroethylene	7	U	UG/KG		B18,7/11	
	591-78-6	2-Hexanone	13	U	UG/KG		B18,7/11	
	108-88-3	Toluene	6	BJ	UG/KG		B18,7/11	
	75-25-2	Bromoform	7	U	UG/KG		B18,7/11	
	75-27-4	Bromodichloromethane	7	U	UG/KG		B18,7/11	
	1330-20-7	Total xylenes	7	U	UG/KG		B18,7/11	
	10061-01-5	cis-1,3-Dichloropropene	7	U	UG/KG		B13,7/11	
	75-34-3	1,1-Dichloroethane	7	U	UG/KG		B18,7/11	
	10061-02-6	trans-1,3-Dichloropropene	7	U	UG/KG		B18,7/11	
	78-93-3	2-Butanone	13	U	UG/KG		B18,7/11	
	78-87-5	1,2-Dichloropropane	7	U	UG/KG		B18,7/11	
	79-00-5	1,1,2-Trichloroethane	7	U	UG/KG		B18,7/11	
	79-01-6	Trichloroethene	7	U	UG/KG		B18,7/11	
	79-34-5	1,1,2,2-Tetrachloroethane	7	U	UG/KG		B18,7/11	
	IT0-001	% Moisture	24		% MOISTURE		B18,7/11	
	100-41-4	Ethylbenzene	7	U	UG/KG		B18,7/11	
	75-35-4	1,1-Dichloroethene	7	U	UG/KG		B18,7/11	
	75-15-0	Carbon disulfide	7	U	UG/KG		B18,7/11	
	75-09-2	Methylene chloride	11	B	UG/KG		B18,7/11	
	75-01-4	Vinyl chloride	13	U	UG/KG		B18,7/11	
	75-00-3	Chloroethane	13	U	UG/KG		B18,7/11	
	74-87-3	Chloromethane	13	U	UG/KG		B18,7/11	
	74-83-9	Bromomethane	13	U	UG/KG		B18,7/11	
	71-55-6	1,1,1-Trichloroethane	7	U	UG/KG		B18,7/11	
	71-43-2	Benzene	7	U	UG/KG		B18,7/11	
	67-64-1	Acetone	100	B	UG/KG		B18,7/11	
	57-12-5	Cyanide	.6	U	MG/KG	WW 037	B18,7/11	

Thu Jul 20

APPENDIX A
ANALYTICAL RESULTS

3 10 01065

SAMPLE NUMBER	PARAMETER CODE	COMPOUND/ANALYTE	RESULTS	QUALIFIER	UNITS	PRODUCT CODE	SAMPLE LOCATION	FLAG
[redacted]	7439-92-1	Lead	9.9	G	MG/KG	AG 704	B15,3/7	TRG
	7440-38-2	Arsenic	3	UWN	MG/KG		B15,3/7	
	7782-49-2	Selenium	.2	UWN	MG/KG		B15,3/7	
	7440-28-0	Thallium	.3	U	MG/KG		B15,3/7	
	ITO-003	% Solids	88		% SOLIDS	AP 706	B15,3/7	
	7440-09-7	Potassium	149	B	MG/KG		B15,3/7	
	7440-23-5	Sodium	83	B	MG/KG		B15,3/7	
	7440-39-3	Barium	52.3		MG/KG		B15,3/7	
	7440-43-9	Cadmium	.6	U	MG/KG		B15,3/7	
	7440-48-4	Cobalt	2	U	MG/KG		B15,3/7	
	7440-62-2	Vanadium	14		MG/KG		B15,3/7	
	7440-70-2	Calcium	3630		MG/KG		B15,3/7	
	7440-66-6	Zinc	5.5		MG/KG		B15,3/7	
	7440-50-8	Copper	3	B	MG/KG		B15,3/7	
	7440-47-3	Chromium	1	U	MG/KG		B15,3/7	
	7440-41-7	Beryllium	.3	B	MG/KG		B15,3/7	
	7440-36-0	Antimony	3	UN	MG/KG		B15,3/7	
	7440-22-4	Silver	.6	U	MG/KG		B15,3/7	
	7440-02-0	Nickel	2	U	MG/KG		B15,3/7	
	7439-89-6	Iron	3540		MG/KG		B15,3/7	
	7439-96-5	Manganese	19.4		MG/KG		B15,3/7	
	7439-95-4	Magnesium	43	B	MG/KG		B15,3/7	
	7429-90-5	Aluminum	2950	*	MG/KG		B15,3/7	
[redacted]	7439-97-6	Mercury	.02	U	MG/KG	AV 006	B15,3/7	
	50-29-3	4,4'-DDT	38	U	UG/KG	GC 723	B15,3/7	
	53469-21-9	Aroclor-1242	190	U	UG/KG		B15,3/7	
	53494-70-5	Endrin ketone	38	U	UG/KG		B15,3/7	
	33213-65-9	Endosulfan II	38	U	UG/KG		B15,3/7	
	309-00-2	Aldrin	19	U	UG/KG		B15,3/7	
	319-84-6	alpha-BHC	19	U	UG/KG		B15,3/7	
	319-86-8	delta-BHC	19	U	UG/KG		B15,3/7	
	959-98-8	Endosulfan-I	19	U	UG/KG		B15,3/7	
	1024-57-3	Heptachlor epoxide	19	U	UG/KG		B15,3/7	
	5103-71-9	alpha-Chlordane	190	U	UG/KG		B15,3/7	
	5103-74-2	gamma-Chlordane	190	U	UG/KG		B15,3/7	
	8001-35-2	Toxaphene	380	U	UG/KG		B15,3/7	
	11097-69-1	Aroclor-1254	380	U	UG/KG		B15,3/7	
	11104-28-2	Aroclor-1221	190	U	UG/KG		B15,3/7	
	11141-16-5	Aroclor-1232	190	U	UG/KG		B15,3/7	
	12674-11-2	Aroclor-1016	190	U	UG/KG		B15,3/7	
	12672-29-6	Aroclor-1248	190	U	UG/KG		B15,3/7	
	11096-82-5	Aroclor-1260	380	U	UG/KG		B15,3/7	
	1031-07-8	Endosulfan sulfate	38	U	UG/KG		B15,3/7	
	319-85-7	beta-BHC	19	U	UG/KG		B15,3/7	
	72-43-5	Methoxychlor	190	U	UG/KG		B15,3/7	
	72-54-8	4,4'-DDD	38	U	UG/KG		B15,3/7	
	72-55-9	4,4'-DDE	38	U	UG/KG		B15,3/7	
	ITO-001	% Moisture	16		% MOISTURE		B15,3/7	
	76-44-8	Heptachlor	19	U	UG/KG		B15,3/7	
	60-57-1	Dieldrin	38	U	UG/KG		B15,3/7	
	72-20-8	Endrin	38	U	UG/KG		B15,3/7	
	58-89-9	gamma-BHC (Lindane)	19	U	UG/KG		B15,3/7	

APPENDIX A
ANALYTICAL RESULTS

3 10 01066

SAMPLE NUMB	PARAMETER CODE	COMPOUND/ANALYTE	RESULTS	QUALIFIER	UNITS	PRODUCT CODE	SAMPLE LOCATION	FLAG
[redacted]	50-32-8	Benzo(a)pyrene	390	U	UG/KG	ME 705	B15,3/7	TRG
	132-64-9	Dibenzofuran	390	U	UG/KG		B15,3/7	
	193-39-5	Indeno(1,2,3-cd)pyrene	390	U	UG/KG		B15,3/7	
	206-44-0	Fluoranthene	390	U	UG/KG		B15,3/7	
	208-96-8	Acenaphthylene	390	U	UG/KG		B15,3/7	
	534-52-1	4,6-Dinitro-2-methylphenol	1900	U	UG/KG		B15,3/7	
	606-20-2	2,6-Dinitrotoluene	390	U	UG/KG		B15,3/7	
	7005-72-3	4-Chlorophenylphenyl ether	390	U	UG/KG		B15,3/7	
	621-64-7	N-Nitroso-di-n-propylamine	390	U	UG/KG		B15,3/7	
	541-73-1	1,3-Dichlorobenzene	390	U	UG/KG		B15,3/7	
	218-01-9	Chrysene	390	U	UG/KG		B15,3/7	
	207-08-9	Benzo(k)fluoranthene	390	U	UG/KG		B15,3/7	
	205-99-2	Benzo(b)fluoranthene	390	U	UG/KG		B15,3/7	
	191-24-2	Benzo(g,h,i)perylene	390	U	UG/KG		B15,3/7	
	88-06-2	2,4,6-Trichlorophenol	390	U	UG/KG		B15,3/7	
	88-75-5	2-Nitrophenol	390	U	UG/KG		B15,3/7	
	91-20-3	Naphthalene	390	U	UG/KG		B15,3/7	
	91-57-6	2-Methylnaphthalene	390	U	UG/KG		B15,3/7	
	91-94-1	3,3'-Dichlorobenzidine	780	U	UG/KG		B15,3/7	
	95-48-7	2-Methylphenol	390	U	UG/KG		B15,3/7	
	95-50-1	1,2-Dichlorobenzene	390	U	UG/KG		B15,3/7	
	95-95-4	2,4,5-Trichlorophenol	1900	U	UG/KG		B15,3/7	
	98-95-3	Nitrobenzene	390	U	UG/KG		B15,3/7	
	99-09-2	3-Nitroaniline	1900	U	UG/KG		B15,3/7	
[redacted]	100-01-6	4-Nitroaniline	1900	U	UG/KG		B15,3/7	
	100-02-7	4-Nitrophenol	1900	U	UG/KG		B15,3/7	
	100-51-6	Benzyl alcohol	390	U	UG/KG		B15,3/7	
	105-67-9	2,4-Dimethylphenol	390	U	UG/KG		B15,3/7	
	106-44-5	4-Methylphenol	390	U	UG/KG		B15,3/7	
	106-46-7	1,4-Dichlorobenzene	390	U	UG/KG		B15,3/7	
	108-60-1	bis(2-Chloroisopropyl)ether	390	U	UG/KG		B15,3/7	
	108-95-2	Phenol	390	U	UG/KG		B15,3/7	
	111-44-4	bis(2-Chloroethyl)ether	390	U	UG/KG		B15,3/7	
	117-81-7	bis(2-Ethylhexyl) phthalate	840	B	UG/KG		B15,3/7	
	117-84-0	Di-n-octyl phthalate	390	U	UG/KG		B15,3/7	
	118-74-1	Hexachlorobenzene	390	U	UG/KG		B15,3/7	
	120-82-1	1,2,4-Trichlorobenzene	390	U	UG/KG		B15,3/7	
	120-83-2	2,4-Dichlorophenol	390	U	UG/KG		B15,3/7	
	121-14-2	2,4-Dinitrotoluene	390	U	UG/KG		B15,3/7	
	131-11-3	Dimethyl phthalate	390	U	UG/KG		B15,3/7	
	129-00-0	Pyrene	390	U	UG/KG		B15,3/7	
	120-12-7	Anthracene	390	U	UG/KG		B15,3/7	
	111-91-1	bis(2-Chloroethoxy)methane	390	U	UG/KG		B15,3/7	
	106-47-8	4-Chloroaniline	390	U	UG/KG		B15,3/7	
	101-55-3	4-Bromophenyl phenyl ether	390	U	UG/KG		B15,3/7	
	IT0-001	% Moisture	16		% MOISTURE		B15,3/7	
	95-57-8	2-Chlorophenol	390	U	UG/KG		B15,3/7	
	91-58-7	2-Chloronaphthalene	390	U	UG/KG		B15,3/7	
	88-74-4	2-Nitroaniline	1900	U	UG/KG		B15,3/7	
	78-59-1	Isophorone	390	U	UG/KG		B15,3/7	
	83-32-9	Acenaphthene	390	U	UG/KG		B15,3/7	
	84-66-2	Diethyl phthalate	390	U	UG/KG		B15,3/7	
	85-01-8	Phenanthrene	390	U	UG/KG		B15,3/7	
	85-68-7	Butyl benzyl phthalate	390	U	UG/KG		B15,3/7	
	86-30-6	N-Nitrosodiphenylamine	390	U	UG/KG		B15,3/7	
	86-73-7	Fluorene	390	U	UG/KG		B15,3/7	

3 10 01067

APPENDIX A
ANALYTICAL RESULTS

SAMPLE NUMBER	PARAMETER CODE	COMPOUND/ANALYTE	RESULTS	QUALIFIER	UNITS	PRODUCT CODE	SAMPLE LOCATION	FLAG
J	87-68-3	Hexachlorobutadiene	390	U	UG/KG	ME 705	B15,3/7	TRG
	87-86-5	Pentachlorophenol	1900	U	UG/KG		B15,3/7	
	84-74-2	Di-n-butyl phthalate	390	U	UG/KG		B15,3/7	
	59-50-7	4-Chloro-3-methylphenol	390	U	UG/KG		B15,3/7	
	65-85-0	Benzoic acid	1900	U	UG/KG		B15,3/7	
	67-72-1	Hexachloroethane	390	U	UG/KG		B15,3/7	
	77-47-4	Hexachlorocyclopentadiene	390	U	UG/KG		B15,3/7	
	53-70-3	Dibenzo(a,h)anthracene	390	U	UG/KG		B15,3/7	
	56-55-3	Benzo(a)anthracene	390	U	UG/KG		B15,3/7	
	51-28-5	2,4-Dinitrophenol	1900	U	UG/KG		B15,3/7	
	56-23-5	Carbon Tetrachloride	6	U	UG/KG	MV 705	B15,3/7	
	75-35-4	1,1-Dichloroethene	6	U	UG/KG		B15,3/7	
	78-87-5	1,2-Dichloropropane	6	U	UG/KG		B15,3/7	
	78-93-3	2-Butanone	12	U	UG/KG		B15,3/7	
	79-00-5	1,1,2-Trichloroethane	6	U	UG/KG		B15,3/7	
	79-01-6	Trichloroethene	6	U	UG/KG		B15,3/7	
	79-34-5	1,1,2,2-Tetrachloroethane	6	U	UG/KG		B15,3/7	
	ITO-001	% Moisture	16		% MOISTURE		B15,3/7	
	100-41-4	Ethylbenzene	6	U	UG/KG		B15,3/7	
	107-06-2	1,2-Dichloroethane	6	U	UG/KG		B15,3/7	
	108-05-4	Vinyl Acetate	12	U	UG/KG		B15,3/7	
	108-10-1	4-Methyl-2-pentanone	12	U	UG/KG		B15,3/7	
	108-88-3	Toluene	2	J	UG/KG		B15,3/7	
	108-90-7	Chlorobenzene	6	U	UG/KG		B15,3/7	
	124-48-1	Dibromochloromethane	6	U	UG/KG		B15,3/7	
	540-59-0	1,2-Dichloroethylene	6	U	UG/KG		B15,3/7	
	591-78-6	2-Hexanone	12	U	UG/KG		B15,3/7	
	1330-20-7	Total xylenes	6	U	UG/KG		B15,3/7	
	10061-01-5	cis-1,3-Dichloropropene	6	U	UG/KG		B15,3/7	
	10061-02-6	trans-1,3-Dichloropropene	6	U	UG/KG		B15,3/7	
	127-18-4	Tetrachlorethene	6	U	UG/KG		B15,3/7	
	100-42-5	Styrene	6	U	UG/KG		B15,3/7	
	75-00-3	Chloroethane	12	U	UG/KG		B15,3/7	
	75-01-4	Vinyl chloride	12	U	UG/KG		B15,3/7	
	75-09-2	Methylene chloride	12	B	UG/KG		B15,3/7	
	75-15-0	Carbon disulfide	2	J	UG/KG		B15,3/7	
	75-25-2	Bromoform	6	U	UG/KG		B15,3/7	
	75-27-4	Bromodichloromethane	6	U	UG/KG		B15,3/7	
	75-34-3	1,1-Dichloroethane	6	U	UG/KG		B15,3/7	
	67-66-3	Chloroform	6	U	UG/KG		B15,3/7	
	71-43-2	Benzene	6	U	UG/KG		B15,3/7	
	74-87-3	Chloromethane	12	U	UG/KG		B15,3/7	
	74-83-9	Bromomethane	12	U	UG/KG		B15,3/7	
	71-55-6	1,1,1-Trichloroethane	6	U	UG/KG		B15,3/7	
	67-64-1	Acetone	90		UG/KG		B15,3/7	
	57-12-5	Cyanide	.6	U	MG/KG	WW 037	B15,3/7	

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APPENDIX A
ANALYTICAL RESULTS

SAMPLE NUMBER	PARAMETER CODE	COMPOUND/ANALYTE	RESULTS	QUALIFIER	UNITS	PRODUCT CODE	SAMPLE LOCATION	FLAG
J.	7439-92-1	Lead	8.4	G	MG/KG	AG 704	B15,7/11	TRG
	7782-49-2	Selenium	.3	UWN	MG/KG		B15,7/11	
	7440-38-2	Arsenic	3	UWN	MG/KG		B15,7/11	
	7440-28-0	Thallium	.3	U	MG/KG		B15,7/11	
	ITO-003	% Solids	90		% SOLIDS	AP 706	B15,7/11	
	7440-66-6	Zinc	2.4	B	MG/KG		B15,7/11	
	7440-70-2	Calcium	567	B	MG/KG		B15,7/11	
	7439-89-6	Iron	1980		MG/KG		B15,7/11	
	7440-41-7	Beryllium	.2	U	MG/KG		B15,7/11	
	7440-43-9	Cadmium	.6	U	MG/KG		B15,7/11	
	7440-47-3	Chromium	3		MG/KG		B15,7/11	
	7440-48-4	Cobalt	2	U	MG/KG		B15,7/11	
	7440-62-2	Vanadium	9	B	MG/KG		B15,7/11	
	7440-50-8	Copper	1	B	MG/KG		B15,7/11	
	7440-39-3	Barium	37.5	B	MG/KG		B15,7/11	
	7440-36-0	Antimony	3	UN	MG/KG		B15,7/11	
	7440-23-5	Sodium	82	B	MG/KG		B15,7/11	
	7440-22-4	Silver	.6	U	MG/KG		B15,7/11	
	7440-09-7	Potassium	180	B	MG/KG		B15,7/11	
	7440-02-0	Nickel	2	U	MG/KG		B15,7/11	
	7439-96-5	Manganese	16.2		MG/KG		B15,7/11	
	7439-95-4	Magnesium	82	B	MG/KG		B15,7/11	
	7429-90-5	Aluminum	2910	*	MG/KG		B15,7/11	
	7439-97-6	Mercury	.02	U	MG/KG	AV 006	B15,7/11	
	50-29-3	4,4'-DDT	19	U	UG/KG	GC 723	B15,7/11	
	72-43-5	Methoxychlor	94	U	UG/KG		B15,7/11	
	72-54-8	4,4'-DDD	19	U	UG/KG		B15,7/11	
	11096-82-5	Aroclor-1260	190	U	UG/KG		B15,7/11	
	72-55-9	4,4'-DDE	19	U	UG/KG		B15,7/11	
	11097-69-1	Aroclor-1254	190	U	UG/KG		B15,7/11	
	11104-28-2	Aroclor-1221	94	U	UG/KG		B15,7/11	
	11141-16-5	Aroclor-1232	94	U	UG/KG		B15,7/11	
	12672-29-6	Aroclor-1248	94	U	UG/KG		B15,7/11	
	12674-11-2	Aroclor-1016	94	U	UG/KG		B15,7/11	
	53494-70-5	Endrin ketone	19	U	UG/KG		B15,7/11	
	53469-21-9	Aroclor-1242	94	U	UG/KG		B15,7/11	
	33213-65-9	Endosulfan II	19	U	UG/KG		B15,7/11	
	76-44-8	Heptachlor	9.4	U	UG/KG		B15,7/11	
	319-86-8	delta-BHC	9.4	U	UG/KG		B15,7/11	
	1024-57-3	Heptachlor epoxide	9.4	U	UG/KG		B15,7/11	
	1031-07-8	Endosulfan sulfate	19	U	UG/KG		B15,7/11	
	5103-71-9	alpha-Chlordane	94	U	UG/KG		B15,7/11	
	5103-74-2	gamma-Chlordane	94	U	UG/KG		B15,7/11	
	8001-35-2	Toxaphene	190	U	UG/KG		B15,7/11	
	959-98-8	Endosulfan-I	9.4	U	UG/KG		B15,7/11	
	319-85-7	beta-BHC	9.4	U	UG/KG		B15,7/11	
	319-84-6	alpha-BHC	9.4	U	UG/KG		B15,7/11	
	309-00-2	Aldrin	9.4	U	UG/KG		B15,7/11	
	ITO-001	% Moisture	15		% MOISTURE		B15,7/11	
	72-20-8	Endrin	19	U	UG/KG		B15,7/11	
	60-57-1	Dieldrin	19	U	UG/KG		B15,7/11	
	58-89-9	gamma-BHC (Lindane)	9.4	U	UG/KG		B15,7/11	

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APPENDIX A
ANALYTICAL RESULTS

SAMPLE NUMBER	PARAMETER CODE	COMPOUND/ANALYTE	RESULTS	QUALIFIER	UNITS	PRODUCT CODE	SAMPLE LOCATION	FLAG
Jv.	50-32-8	Benzo(a)pyrene	390	U	UG/KG	ME 705	B15,7/11	TRG
	56-55-3	Benzo(a)anthracene	390	U	UG/KG		B15,7/11	
	59-50-7	4-Chloro-3-methylphenol	390	U	UG/KG		B15,7/11	
	106-44-5	4-Methylphenol	390	U	UG/KG		B15,7/11	
	106-46-7	1,4-Dichlorobenzene	390	U	UG/KG		B15,7/11	
	106-47-8	4-Chloroaniline	390	U	UG/KG		B15,7/11	
	108-95-2	Phenol	390	U	UG/KG		B15,7/11	
	111-44-4	bis(2-Chloroethyl)ether	390	U	UG/KG		B15,7/11	
	111-91-1	bis(2-Chloroethoxy)methane	390	U	UG/KG		B15,7/11	
	117-84-0	Di-n-octyl phthalate	390	U	UG/KG		B15,7/11	
	118-74-1	Hexachlorobenzene	390	U	UG/KG		B15,7/11	
	120-12-7	Anthracene	390	U	UG/KG		B15,7/11	
	120-83-2	2,4-Dichlorophenol	390	U	UG/KG		B15,7/11	
	121-14-2	2,4-Dinitrotoluene	390	U	UG/KG		B15,7/11	
	129-00-0	Pyrene	390	U	UG/KG		B15,7/11	
	132-64-9	Dibenzofuran	390	U	UG/KG		B15,7/11	
	191-24-2	Benzo(g,h,i)perylene	390	U	UG/KG		B15,7/11	
	193-39-5	Indeno(1,2,3-cd)pyrene	390	U	UG/KG		B15,7/11	
	206-44-0	Fluoranthene	390	U	UG/KG		B15,7/11	
	207-08-9	Benzo(k)fluoranthene	390	U	UG/KG		B15,7/11	
	208-96-8	Acenaphthylene	390	U	UG/KG		B15,7/11	
	534-52-1	4,6-Dinitro-2-methylphenol	1900	U	UG/KG		B15,7/11	
	541-73-1	1,3-Dichlorobenzene	390	U	UG/KG		B15,7/11	
	606-20-2	2,6-Dinitrotoluene	390	U	UG/KG		B15,7/11	
	7005-72-3	4-Chlorophenylphenyl ether	390	U	UG/KG		B15,7/11	
	621-64-7	N-Nitroso-di-n-propylamine	390	U	UG/KG		B15,7/11	
	218-01-9	Chrysene	390	U	UG/KG		B15,7/11	
	205-99-2	Benzo(b)fluoranthene	390	U	UG/KG		B15,7/11	
	131-11-3	Dimethyl phthalate	390	U	UG/KG		B15,7/11	
	120-82-1	1,2,4-Trichlorobenzene	390	U	UG/KG		B15,7/11	
	117-81-7	bis(2-Ethylhexyl) phthalate	770	B	UG/KG		B15,7/11	
	108-60-1	bis(2-Chloroisopropyl)ether	390	U	UG/KG		B15,7/11	
	85-01-8	Phenanthrene	390	U	UG/KG		B15,7/11	
	91-58-7	2-Chloronaphthalene	390	U	UG/KG		B15,7/11	
	91-94-1	3,3'-Dichlorobenzidine	770	U	UG/KG		B15,7/11	
	95-48-7	2-Methylphenol	390	U	UG/KG		B15,7/11	
	85-68-7	Butyl benzyl phthalate	390	U	UG/KG		B15,7/11	
	86-30-6	N-Nitrosodiphenylamine	390	U	UG/KG		B15,7/11	
	86-73-7	Fluorene	390	U	UG/KG		B15,7/11	
	95-50-1	1,2-Dichlorobenzene	390	U	UG/KG		B15,7/11	
	95-57-8	2-Chlorophenol	390	U	UG/KG		B15,7/11	
	87-68-3	Hexachlorobutadiene	390	U	UG/KG		B15,7/11	
	87-86-5	Pentachlorophenol	1900	U	UG/KG		B15,7/11	
	88-06-2	2,4,6-Trichlorophenol	390	U	UG/KG		B15,7/11	
	95-95-4	2,4,5-Trichlorophenol	1900	U	UG/KG		B15,7/11	
	98-95-3	Nitrobenzene	390	U	UG/KG		B15,7/11	
	99-09-2	3-Nitroaniline	1900	U	UG/KG		B15,7/11	
	100-01-6	4-Nitroaniline	1900	U	UG/KG		B15,7/11	
	100-02-7	4-Nitrophenol	1900	U	UG/KG		B15,7/11	
	100-51-6	Benzyl alcohol	390	U	UG/KG		B15,7/11	
	105-67-9	2,4-Dimethylphenol	390	U	UG/KG		B15,7/11	
	101-55-3	4-Bromophenyl phenyl ether	390	U	UG/KG		B15,7/11	
	IT0-001	% Moisture	15		% MOISTURE		B15,7/11	
	88-74-4	2-Nitroaniline	1900	U	UG/KG		B15,7/11	
	88-75-5	2-Nitrophenol	390	U	UG/KG		B15,7/11	
	91-57-6	2-Methylnaphthalene	390	U	UG/KG		B15,7/11	

APPENDIX A
ANALYTICAL RESULTS

SAMPLE NUMBER	PARAMETER CODE	COMPOUND/ANALYTE	RESULTS	QUALIFIER	UNITS	PRODUCT CODE	SAMPLE LOCATION	FLAG
J[redacted]	91-20-3	Naphthalene	390	U	UG/KG	ME 705	B15,7/11	TRG
	84-74-2	Di-n-butyl phthalate	390	U	UG/KG		B15,7/11	
	84-66-2	Diethyl phthalate	390	U	UG/KG		B15,7/11	
	65-85-0	Benzoic acid	1900	U	UG/KG		B15,7/11	
	83-32-9	Acenaphthene	390	U	UG/KG		B15,7/11	
	78-59-1	Isophorone	390	U	UG/KG		B15,7/11	
	77-47-4	Hexachlorocyclopentadiene	390	U	UG/KG		B15,7/11	
	67-72-1	Hexachloroethane	390	U	UG/KG		B15,7/11	
	53-70-3	Dibenzo(a,h)anthracene	390	U	UG/KG		B15,7/11	
	51-28-5	2,4-Dinitrophenol	1900	U	UG/KG		B15,7/11	
	56-23-5	Carbon Tetrachloride	6	U	UG/KG	MV 705	B15,7/11	
	71-43-2	Benzene	6	U	UG/KG		B15,7/11	
	71-55-6	1,1,1-Trichloroethane	6	U	UG/KG		B15,7/11	
	79-00-5	1,1,2-Trichloroethane	6	U	UG/KG		B15,7/11	
	79-01-6	Trichloroethene	6	U	UG/KG		B15,7/11	
	79-34-5	1,1,2,2-Tetrachloroethane	6	U	UG/KG		B15,7/11	
	100-42-5	Styrene	6	U	UG/KG		B15,7/11	
	100-41-4	Ethylbenzene	6	U	UG/KG		B15,7/11	
	107-06-2	1,2-Dichloroethane	6	U	UG/KG		B15,7/11	
	108-05-4	Vinyl Acetate	12	U	UG/KG		B15,7/11	
	108-10-1	4-Methyl-2-pentanone	12	U	UG/KG		B15,7/11	
	108-88-3	Toluene	2	J	UG/KG		B15,7/11	
	108-90-7	Chlorobenzene	6	U	UG/KG		B15,7/11	
	124-48-1	Dibromochloromethane	6	U	UG/KG		B15,7/11	
	1330-20-7	Total xylenes	6	U	UG/KG		B15,7/11	
	10061-01-5	cis-1,3-Dichloropropene	6	U	UG/KG		B15,7/11	
	10061-02-6	trans-1,3-Dichloropropene	6	U	UG/KG		B15,7/11	
	591-78-6	2-Hexanone	12	U	UG/KG		B15,7/11	
	540-59-0	1,2-Dichloroethylene	6	U	UG/KG		B15,7/11	
	127-18-4	Tetrachlorethene	6	U	UG/KG		B15,7/11	
	IT0-001	% Moisture	15		% MOISTURE		B15,7/11	
	75-25-2	Bromoform	6	U	UG/KG		B15,7/11	
	75-27-4	Bromodichloromethane	6	U	UG/KG		B15,7/11	
	75-34-3	1,1-Dichloroethane	6	U	UG/KG		B15,7/11	
	75-35-4	1,1-Dichloroethene	6	U	UG/KG		B15,7/11	
	78-87-5	1,2-Dichloropropane	6	U	UG/KG		B15,7/11	
	78-93-3	2-Butanone	12	U	UG/KG		B15,7/11	
	75-15-0	Carbon disulfide	6	U	UG/KG		B15,7/11	
	75-09-2	Methylene chloride	8	B	UG/KG		B15,7/11	
	74-83-9	Bromomethane	12	U	UG/KG		B15,7/11	
	75-01-4	Vinyl chloride	12	U	UG/KG		B15,7/11	
	75-00-3	Chloroethane	12	U	UG/KG		B15,7/11	
	74-87-3	Chloromethane	12	U	UG/KG		B15,7/11	
	67-66-3	Chloroform	6	U	UG/KG		B15,7/11	
	67-64-1	Acetone	12	U	UG/KG		B15,7/11	
	57-12-5	Cyanide	.6	U	MG/KG	WW 037	B15,7/11	

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APPENDIX A
ANALYTICAL RESULTS

SAMPLE NUMBER	PARAMETER CODE	COMPOUND/ANALYTE	RESULTS	QUALIFIER	UNITS	PRODUCT CODE	SAMPLE LOCATION	FLAG
[redacted]	7439-92-1	Lead	3.9		MG/KG	AG 704	B6,3/7	TRG
	7440-38-2	Arsenic	.5	UW	MG/KG		B6,3/7	
	7782-49-2	Selenium	1	UW	MG/KG		B6,3/7	
	7440-28-0	Thallium	.2	U	MG/KG		B6,3/7	
	ITO-003	% Solids	89.3		% SOLIDS	AP 706	B6,3/7	
	7440-36-0	Antimony	3	U	MG/KG		B6,3/7	
	7440-66-6	Zinc	3.2	B	MG/KG		B6,3/7	
	7440-70-2	Calcium	233	B	MG/KG		B6,3/7	
	7440-39-3	Barium	23.1	B	MG/KG		B6,3/7	
	7440-41-7	Beryllium	.1	U	MG/KG		B6,3/7	
	7439-96-5	Manganese	69.6		MG/KG		B6,3/7	
	7440-43-9	Cadmium	.6	U	MG/KG		B6,3/7	
	7440-47-3	Chromium	5		MG/KG		B6,3/7	
	7440-48-4	Cobalt	3	B	MG/KG		B6,3/7	
	7440-50-8	Copper	1	B	MG/KG		B6,3/7	
	7440-62-2	Vanadium	12		MG/KG		B6,3/7	
	7440-02-0	Nickel	2	J	MG/KG		B6,3/7	
	7440-09-7	Potassium	134	B	MG/KG		B6,3/7	
	7440-22-4	Silver	.6	U	MG/KG		B6,3/7	
	7440-23-5	Sodium	56	B	MG/KG		B6,3/7	
	7439-89-6	Iron	4190		MG/KG		B6,3/7	
	7439-95-4	Magnesium	117	B	MG/KG		B6,3/7	
	7429-90-5	Aluminum	2750		MG/KG		B6,3/7	
	7439-97-6	Mercury	.03		MG/KG	AV 006	B6,3/7	
	50-29-3	4,4'-DDT	19	U	UG/KG	GC 723	B6,3/7	
	8001-35-2	Toxaphene	190	U	UG/KG		B6,3/7	
	11096-82-5	Aroclor-1260	190	U	UG/KG		B6,3/7	
	11097-69-1	Aroclor-1254	190	U	UG/KG		B6,3/7	
	11104-28-2	Aroclor-1221	93	U	UG/KG		B6,3/7	
	12672-29-6	Aroclor-1248	93	U	UG/KG		B6,3/7	
	12674-11-2	Aroclor-1016	93	U	UG/KG		B6,3/7	
	33213-65-9	Endosulfan II	19	U	UG/KG		B6,3/7	
	53469-21-9	Aroclor-1242	93	U	UG/KG		B6,3/7	
	53494-70-5	Endrin ketone	19	U	UG/KG		B6,3/7	
	11141-16-5	Aroclor-1232	93	U	UG/KG		B6,3/7	
	72-20-8	Endrin	19	U	UG/KG		B6,3/7	
	72-43-5	Methoxychlor	93	U	UG/KG		B6,3/7	
	319-86-8	delta-BHC	9.3	U	UG/KG		B6,3/7	
	959-98-8	Endosulfan-I	9.3	U	UG/KG		B6,3/7	
	1024-57-3	Heptachlor epoxide	9.3	U	UG/KG		B6,3/7	
	1031-07-8	Endosulfan sulfate	19	U	UG/KG		B6,3/7	
	5103-71-9	alpha-Chlordane	93	U	UG/KG		B6,3/7	
	5103-74-2	gamma-Chlordane	93	U	UG/KG		B6,3/7	
	319-85-7	beta-BHC	9.3	U	UG/KG		B6,3/7	
	319-84-6	alpha-BHC	9.3	U	UG/KG		B6,3/7	
	72-54-8	4,4'-DDD	19	U	UG/KG		B6,3/7	
	309-00-2	Aldrin	9.3	U	UG/KG		B6,3/7	
	ITO-001	% Moisture	14		% MOISTURE		B6,3/7	
	76-44-8	Heptachlor	9.3	U	UG/KG		B6,3/7	
	72-55-9	4,4'-DDE	19	U	UG/KG		B6,3/7	
	60-57-1	Dieldrin	19	U	UG/KG		B6,3/7	
	58-89-9	gamma-BHC (Lindane)	9.3	U	UG/KG		B6,3/7	

3 10 01072

APPENDIX A
ANALYTICAL RESULTS

SAMPLE NUMBER	PARAMETER CODE	COMPOUND/ANALYTE	RESULTS	QUALIFIER	UNITS	PRODUCT CODE	SAMPLE LOCATION	FLAG
[redacted]	50-32-8	**Benzo(a)pyrene**	380	U	UG/KG	ME 705	B6,3/7	TRG
	78-59-1	Isophorone	380	U	UG/KG		B6,3/7	
	86-73-7	Fluorene	380	U	UG/KG		B6,3/7	
	87-68-3	Hexachlorobutadiene	380	U	UG/KG		B6,3/7	
	87-86-5	Pentachlorophenol	1900	U	UG/KG		B6,3/7	
	111-44-4	bis(2-Chloroethyl)ether	380	U	UG/KG		B6,3/7	
	111-91-1	bis(2-Chloroethoxy)methane	380	U	UG/KG		B6,3/7	
	118-74-1	Hexachlorobenzene	380	U	UG/KG		B6,3/7	
	120-12-7	Anthracene	380	U	UG/KG		B6,3/7	
	120-82-1	1,2,4-Trichlorobenzene	380	U	UG/KG		B6,3/7	
	121-14-2	2,4-Dinitrotoluene	380	U	UG/KG		B6,3/7	
	129-00-0	Pyrene	380	U	UG/KG		B6,3/7	
	131-11-3	Dimethyl phthalate	380	U	UG/KG		B6,3/7	
	120-83-2	2,4-Dichlorophenol	380	U	UG/KG		B6,3/7	
	117-84-0	Di-n-octyl phthalate	79	J	UG/KG		B6,3/7	
	117-81-7	bis(2-Ethylhexyl) phthalate	630	B	UG/KG		B6,3/7	
	88-74-4	2-Nitroaniline	1900	U	UG/KG		B6,3/7	
	88-75-5	2-Nitrophenol	380	U	UG/KG		B6,3/7	
	132-64-9	Dibenzofuran	380	U	UG/KG		B6,3/7	
	191-24-2	Benzo(g,h,i)perylene	380	U	UG/KG		B6,3/7	
	193-39-5	Indeno(1,2,3-cd)pyrene	380	U	UG/KG		B6,3/7	
	205-99-2	Benzo(b)fluoranthene	380	U	UG/KG		B6,3/7	
	206-44-0	Fluoranthene	380	U	UG/KG		B6,3/7	
	91-20-3	Naphthalene	380	U	UG/KG		B6,3/7	
	91-57-6	2-Methylnaphthalene	380	U	UG/KG		B6,3/7	
	91-58-7	2-Chloronaphthalene	380	U	UG/KG		B6,3/7	
	91-94-1	3,3'-Dichlorobenzidine	770	U	UG/KG		B6,3/7	
	95-48-7	2-Methylphenol	380	U	UG/KG		B6,3/7	
	95-57-8	2-Chlorophenol	380	U	UG/KG		B6,3/7	
	207-08-9	Benzo(k)fluoranthene	380	U	UG/KG		B6,3/7	
	208-96-8	Acenaphthylene	380	U	UG/KG		B6,3/7	
	534-52-1	4,6-Dinitro-2-methylphenol	1900	U	UG/KG		B6,3/7	
	218-01-9	Chrysene	380	U	UG/KG		B6,3/7	
	95-95-4	2,4,5-Trichlorophenol	1900	U	UG/KG		B6,3/7	
	541-73-1	1,3-Dichlorobenzene	380	U	UG/KG		B6,3/7	
	606-20-2	2,6-Dinitrotoluene	380	U	UG/KG		B6,3/7	
	621-64-7	N-Nitroso-di-n-propylamine	380	U	UG/KG		B6,3/7	
	7005-72-3	4-Chlorophenylphenyl ether	380	U	UG/KG		B6,3/7	
	98-95-3	**Nitrobenzene**	380	U	UG/KG		B6,3/7	
	99-09-2	**3-Nitroaniline**	1900	U	UG/KG		B6,3/7	
	IT0-001	**% Moisture**	14		% MOISTURE		B6,3/7	
	100-01-6	4-Nitroaniline	1900	U	UG/KG		B6,3/7	
	100-02-7	4-Nitrophenol	1900	U	UG/KG		B6,3/7	
	100-51-6	Benzyl alcohol	380	U	UG/KG		B6,3/7	
	105-67-9	2,4-Dimethylphenol	380	U	UG/KG		B6,3/7	
	106-44-5	4-Methylphenol	380	U	UG/KG		B6,3/7	
	106-46-7	1,4-Dichlorobenzene	380	U	UG/KG		B6,3/7	
	106-47-8	4-Chloroaniline	380	U	UG/KG		B6,3/7	
	108-95-2	Phenol	380	U	UG/KG		B6,3/7	
	108-60-1	bis(2-Chloroisopropyl)ether	380	U	UG/KG		B6,3/7	
	101-55-3	4-Bromophenyl phenyl ether	380	U	UG/KG		B6,3/7	
	95-50-1	1,2-Dichlorobenzene	380	U	UG/KG		B6,3/7	
	88-06-2	2,4,6-Trichlorophenol	380	U	UG/KG		B6,3/7	
	83-32-9	Acenaphthene	380	U	UG/KG		B6,3/7	
	84-66-2	Diethyl phthalate	380	U	UG/KG		B6,3/7	
	59-50-7	4-Chloro-3-methylphenol	380	U	UG/KG		B6,3/7	

APPENDIX A
ANALYTICAL RESULTS

3 10 01073

SAMPLE NUMBER	PARAMETER CODE	COMPOUND/ANALYTE	RESULTS	QUALIFIER	UNITS	PRODUCT CODE	SAMPLE LOCATION	FLAG
J.	85-01-8	Phenanthrene	380	U	UG/KG	ME 705	B6,3/7	TRG
	85-68-7	Butyl benzyl phthalate	380	U	UG/KG		B6,3/7	
	86-30-6	N-Nitrosodiphenylamine	160	BJ	UG/KG		B6,3/7	
	84-74-2	Di-n-butyl phthalate	380	U	UG/KG		B6,3/7	
	65-85-0	Benzoic acid	1900	U	UG/KG		B6,3/7	
	67-72-1	Hexachloroethane	380	U	UG/KG		B6,3/7	
	77-47-4	Hexachlorocyclopentadiene	380	U	UG/KG		B6,3/7	
	53-70-3	Dibenzo(a,h)anthracene	380	U	UG/KG		B6,3/7	
	56-55-3	Benzo(a)anthracene	380	U	UG/KG		B6,3/7	
	51-28-5	2,4-Dinitrophenol	1900	U	UG/KG		B6,3/7	
	56-23-5	Carbon Tetrachloride	6	U	UG/KG	MV 705	B6,3/7	
	71-43-2	Benzene	6	U	UG/KG		B6,3/7	
	75-15-0	Carbon disulfide	6	U	UG/KG		B6,3/7	
	IT0-001	% Moisture	14		% MOISTURE		B6,3/7	
	100-41-4	Ethylbenzene	6	U	UG/KG		B6,3/7	
	100-42-5	Styrene	6	U	UG/KG		B6,3/7	
	108-05-4	Vinyl Acetate	12	U	UG/KG		B6,3/7	
	108-10-1	4-Methyl-2-pentanone	12	U	UG/KG		B6,3/7	
	108-88-3	Toluene	2	J	UG/KG		B6,3/7	
	108-90-7	Chlorobenzene	6	U	UG/KG		B6,3/7	
	124-48-1	Dibromochloromethane	6	U	UG/KG		B6,3/7	
	127-18-4	Tetrachloroethene	6	U	UG/KG		B6,3/7	
	540-59-0	1,2-Dichloroethylene	6	U	UG/KG		B6,3/7	
	591-78-6	2-Hexanone	12	U	UG/KG		B6,3/7	
	1330-20-7	Total xylenes	6	U	UG/KG		B6,3/7	
	10061-01-5	cis-1,3-Dichloropropene	6	U	UG/KG		B6,3/7	
	10061-02-6	trans-1,3-Dichloropropene	6	U	UG/KG		B6,3/7	
	107-06-2	1,2-Dichloroethane	6	U	UG/KG		B6,3/7	
	75-25-2	Bromoform	6	U	UG/KG		B6,3/7	
	75-27-4	Bromodichloromethane	6	U	UG/KG		B6,3/7	
	75-35-4	1,1-Dichloroethene	6	U	UG/KG		B6,3/7	
	78-87-5	1,2-Dichloropropane	6	U	UG/KG		B6,3/7	
	78-93-3	2-Butanone	12	U	UG/KG		B6,3/7	
	79-00-5	1,1,2-Trichloroethane	6	U	UG/KG		B6,3/7	
	79-01-6	Trichloroethene	6	U	UG/KG		B6,3/7	
	79-34-5	1,1,2,2-Tetrachloroethane	1	J	UG/KG		B6,3/7	
	75-34-3	1,1-Dichloroethane	6	U	UG/KG		B6,3/7	
	75-09-2	Methylene chloride	11	B	UG/KG		B6,3/7	
	75-01-4	Vinyl chloride	12	U	UG/KG		B6,3/7	
	75-00-3	Chloroethane	12	U	UG/KG		B6,3/7	
	74-87-3	Chloromethane	12	U	UG/KG		B6,3/7	
	74-83-9	Bromomethane	12	U	UG/KG		B6,3/7	
	71-55-6	1,1,1-Trichloroethane	6	U	UG/KG		B6,3/7	
	67-66-3	Chloroform	6	U	UG/KG		B6,3/7	
	67-64-1	Acetone	38		UG/KG		B6,3/7	
	57-12-5	Cyanide	.6	U	MG/KG	WW 037	B6,3/7	

3 10 01074

APPENDIX A
ANALYTICAL RESULTS

SAMPLE NUMBER	PARAMETER CODE	COMPOUND/ANALYTE	RESULTS	QUALIFIER	UNITS	PRODUCT CODE	SAMPLE LOCATION	FLAG
Ju	7439-92-1	Lead	9.1		MG/KG	AG 704	B6,7/11	TRG
	7782-49-2	Selenium	1.4	+	MG/KG		B6,7/11	
	7440-38-2	Arsenic	1.5	UW	MG/KG		B6,7/11	
	7440-28-0	Thallium	.3	UW	MG/KG		B6,7/11	
	IT0-003	% Solids	79.6		% SOLIDS	AP 706	B6,7/11	
	7440-23-5	Sodium	30	B	MG/KG		B6,7/11	
	7440-22-4	Silver	.6	U	MG/KG		B6,7/11	
	7440-41-7	Beryllium	.1	U	MG/KG		B6,7/11	
	7440-43-9	Cadmium	.6	U	MG/KG		B6,7/11	
	7440-47-3	Chromium	3		MG/KG		B6,7/11	
	7440-50-8	Copper	2	B	MG/KG		B6,7/11	
	7440-62-2	Vanadium	14		MG/KG		B6,7/11	
	7440-66-6	Zinc	4.3		MG/KG		B6,7/11	
	7440-70-2	Calcium	329	B	MG/KG		B6,7/11	
	7440-48-4	Cobalt	2	B	MG/KG		B6,7/11	
	7440-39-3	Barium	34.6		MG/KG		B6,7/11	
	7440-36-0	Antimony	4	U	MG/KG		B6,7/11	
	7440-09-7	Potassium	331	B	MG/KG		B6,7/11	
	7439-89-6	Iron	3140		MG/KG		B6,7/11	
	7439-96-5	Manganese	4.1		MG/KG		B6,7/11	
	7440-02-0	Nickel	3	U	MG/KG		B6,7/11	
	7439-95-4	Magnesium	185	B	MG/KG		B6,7/11	
	7429-90-5	Aluminum	5110		MG/KG		B6,7/11	
	7439-97-6	Mercury	.04		MG/KG	AV 006	B6,7/11	
	50-29-3	4,4'-DDT	18	U	UG/KG	GC 723	B6,7/11	
	IT0-001	% Moisture	11		% MOISTURE		B6,7/11	
	309-00-2	Aldrin	8.9	U	UG/KG		B6,7/11	
	11096-82-5	Aroclor-1260	180	U	UG/KG		B6,7/11	
	11097-69-1	Aroclor-1254	180	U	UG/KG		B6,7/11	
	11104-28-2	Aroclor-1221	89	U	UG/KG		B6,7/11	
	12672-29-6	Aroclor-1248	89	U	UG/KG		B6,7/11	
	12674-11-2	Aroclor-1016	89	U	UG/KG		B6,7/11	
	33213-65-9	Endosulfan II	18	U	UG/KG		B6,7/11	
	53469-21-9	Aroclor-1242	89	U	UG/KG		B6,7/11	
	53494-70-5	Endrin ketone	18	U	UG/KG		B6,7/11	
	11141-16-5	Aroclor-1232	89	U	UG/KG		B6,7/11	
	319-84-6	alpha-BHC	8.9	U	UG/KG		B6,7/11	
	319-85-7	beta-BHC	8.9	U	UG/KG		B6,7/11	
	959-98-8	Endosulfan-I	8.9	U	UG/KG		B6,7/11	
	1024-57-3	Heptachlor epoxide	8.9	U	UG/KG		B6,7/11	
	1031-07-8	Endosulfan sulfate	18	U	UG/KG		B6,7/11	
	5103-71-9	alpha-Chlordane	89	U	UG/KG		B6,7/11	
	5103-74-2	gamma-Chlordane	89	U	UG/KG		B6,7/11	
	8001-35-2	Toxaphene	180	U	UG/KG		B6,7/11	
	319-86-8	delta-BHC	8.9	U	UG/KG		B6,7/11	
	72-20-8	Endrin	18	U	UG/KG		B6,7/11	
	72-43-5	Methoxychlor	89	U	UG/KG		B6,7/11	
	76-44-8	Heptachlor	8.9	U	UG/KG		B6,7/11	
	72-55-9	4,4'-DDE	18	U	UG/KG		B6,7/11	
	72-54-8	4,4'-DDD	18	U	UG/KG		B6,7/11	
	60-57-1	Dieldrin	18	U	UG/KG		B6,7/11	
	58-89-9	gamma-BHC (Lindane)	8.9	U	UG/KG		B6,7/11	

APPENDIX A
ANALYTICAL RESULTS

3 10 01075

SAMPLE NUMBER	PARAMETER CODE	COMPOUND/ANALYTE	RESULTS	QUALIFIER	UNITS	PRODUCT CODE	SAMPLE LOCATION	FLAG
J.	50-32-8	Benzo(a)pyrene	360	U	UG/KG	ME 705	B6,7/11	TRG
	106-44-5	4-Methylphenol	360	U	UG/KG		B6,7/11	
	106-46-7	1,4-Dichlorobenzene	360	U	UG/KG		B6,7/11	
	106-47-8	4-Chloroaniline	360	U	UG/KG		B6,7/11	
	108-95-2	Phenol	360	U	UG/KG		B6,7/11	
	111-44-4	bis(2-Chloroethyl)ether	360	U	UG/KG		B6,7/11	
	111-91-1	bis(2-Chloroethoxy)methane	360	U	UG/KG		B6,7/11	
	117-84-0	Di-n-octyl phthalate	360	U	UG/KG		B6,7/11	
	118-74-1	Hexachlorobenzene	360	U	UG/KG		B6,7/11	
	120-12-7	Anthracene	360	U	UG/KG		B6,7/11	
	120-83-2	2,4-Dichlorophenol	360	U	UG/KG		B6,7/11	
	121-14-2	2,4-Dinitrotoluene	360	U	UG/KG		B6,7/11	
	129-00-0	Pyrene	360	U	UG/KG		B6,7/11	
	132-64-9	Dibenzofuran	360	U	UG/KG		B6,7/11	
	191-24-2	Benzo(g,h,i)perylene	360	U	UG/KG		B6,7/11	
	193-39-5	Indeno(1,2,3-cd)pyrene	360	U	UG/KG		B6,7/11	
	206-44-0	Fluoranthene	360	U	UG/KG		B6,7/11	
	207-08-9	Benzo(k)fluoranthene	360	U	UG/KG		B6,7/11	
	208-96-8	Acenaphthylene	360	U	UG/KG		B6,7/11	
	534-52-1	4,6-Dinitro-2-methylphenol	1800	U	UG/KG		B6,7/11	
	541-73-1	1,3-Dichlorobenzene	360	U	UG/KG		B6,7/11	
	606-20-2	2,6-Dinitrotoluene	360	U	UG/KG		B6,7/11	
	7005-72-3	4-Chlorophenylphenyl ether	360	U	UG/KG		B6,7/11	
	621-64-7	N-Nitroso-di-n-propylamine	360	U	UG/KG		B6,7/11	
	218-01-9	Chrysene	360	U	UG/KG		B6,7/11	
	205-99-2	Benzo(b)fluoranthene	360	U	UG/KG		B6,7/11	
	131-11-3	Dimethyl phthalate	360	U	UG/KG		B6,7/11	
	120-82-1	1,2,4-Trichlorobenzene	360	U	UG/KG		B6,7/11	
	117-81-7	bis(2-Ethylhexyl) phthalate	370	B	UG/KG		B6,7/11	
	108-60-1	bis(2-Chloroisopropyl)ether	360	U	UG/KG		B6,7/11	
	56-55-3	Benzo(a)anthracene	360	U	UG/KG		B6,7/11	
	59-50-7	4-Chloro-3-methylphenol	360	U	UG/KG		B6,7/11	
	88-75-5	2-Nitrophenol	360	U	UG/KG		B6,7/11	
	91-20-3	Naphthalene	360	U	UG/KG		B6,7/11	
	91-57-6	2-Methylnaphthalene	360	U	UG/KG		B6,7/11	
	91-58-7	2-Chloronaphthalene	360	U	UG/KG		B6,7/11	
	91-94-1	3,3'-Dichlorobenzidine	730	U	UG/KG		B6,7/11	
	85-68-7	Butyl benzyl phthalate	360	U	UG/KG		B6,7/11	
	95-48-7	2-Methylphenol	360	U	UG/KG		B6,7/11	
	95-50-1	1,2-Dichlorobenzene	360	U	UG/KG		B6,7/11	
	95-57-8	2-Chlorophenol	360	U	UG/KG		B6,7/11	
	95-95-4	2,4,5-Trichlorophenol	1800	U	UG/KG		B6,7/11	
	98-95-3	Nitrobenzene	360	U	UG/KG		B6,7/11	
	99-09-2	3-Nitroaniline	1800	U	UG/KG		B6,7/11	
	100-01-6	4-Nitroaniline	1800	U	UG/KG		B6,7/11	
	100-02-7	4-Nitrophenol	1800	U	UG/KG		B6,7/11	
	100-51-6	Benzyl alcohol	360	U	UG/KG		B6,7/11	
	101-55-3	4-Bromophenyl phenyl ether	360	U	UG/KG		B6,7/11	
	105-67-9	2,4-Dimethylphenol	360	U	UG/KG		B6,7/11	
	IT0-001	% Moisture	10		% MOISTURE		B6,7/11	
	86-30-6	N-Nitrosodiphenylamine	130	BJ	UG/KG		B6,7/11	
	86-73-7	Fluorene	360	U	UG/KG		B6,7/11	
	87-68-3	Hexachlorobutadiene	360	U	UG/KG		B6,7/11	
	85-01-8	Phenanthrene	360	U	UG/KG		B6,7/11	
	84-74-2	Di-n-butyl phthalate	360	U	UG/KG		B6,7/11	
	88-06-2	2,4,6-Trichlorophenol	360	U	UG/KG		B6,7/11	

3 10 01076

APPENDIX A
ANALYTICAL RESULTS

SAMPLE NUMB	PARAMETER CODE	COMPOUND/ANALYTE	RESULTS	QUALIFIER	UNITS	PRODUCT CODE	SAMPLE LOCATION	FLAG
[redacted]	88-74-4	2-Nitroaniline	1800	U	UG/KG	ME 705	B6,7/11	TRG
	87-86-5	Pentachlorophenol	1800	U	UG/KG		B6,7/11	
	84-66-2	Diethyl phthalate	360	U	UG/KG		B6,7/11	
	83-32-9	Acenaphthene	360	U	UG/KG		B6,7/11	
	78-59-1	Isophorone	360	U	UG/KG		B6,7/11	
	77-47-4	Hexachlorocyclopentadiene	360	U	UG/KG		B6,7/11	
	67-72-1	Hexachloroethane	360	U	UG/KG		B6,7/11	
	65-85-0	Benzoic acid	1800	U	UG/KG		B6,7/11	
	53-70-3	Dibenzo(a,h)anthracene	360	U	UG/KG		B6,7/11	
	51-28-5	2,4-Dinitrophenol	1800	U	UG/KG		B6,7/11	
	56-23-5	Carbon Tetrachloride	6	U	UG/KG	MV 705	B6,7/11	
	71-43-2	Benzene	6	U	UG/KG		B6,7/11	
	79-00-5	1,1,2-Trichloroethane	6	U	UG/KG		B6,7/11	
	79-01-6	Trichloroethene	6	U	UG/KG		B6,7/11	
	79-34-5	1,1,2,2-Tetrachloroethane	6	U	UG/KG		B6,7/11	
	IT0-001	% Moisture	10		% MOISTURE		B6,7/11	
	100-41-4	Ethylbenzene	6	U	UG/KG		B6,7/11	
	100-42-5	Styrene	6	U	UG/KG		B6,7/11	
	107-06-2	1,2-Dichloroethane	6	U	UG/KG		B6,7/11	
	108-10-1	4-Methyl-2-pentanone	11	U	UG/KG		B6,7/11	
	108-88-3	Toluene	6	U	UG/KG		B6,7/11	
	108-90-7	Chlorobenzene	6	U	UG/KG		B6,7/11	
	124-48-1	Dibromochloromethane	6	U	UG/KG		B6,7/11	
	127-18-4	Tetrachlorethene	6	U	UG/KG		B6,7/11	
	540-59-0	1,2-Dichloroethylene	6	U	UG/KG		B6,7/11	
	591-78-6	2-Hexanone	11	U	UG/KG		B6,7/11	
	1330-20-7	Total xylenes	6	U	UG/KG		B6,7/11	
	10061-01-5	cis-1,3-Dichloropropene	6	U	UG/KG		B6,7/11	
	10061-02-6	trans-1,3-Dichloropropene	6	U	UG/KG		B6,7/11	
	108-05-4	Vinyl Acetate	11	U	UG/KG		B6,7/11	
	71-55-6	1,1,1-Trichloroethane	6	U	UG/KG		B6,7/11	
	75-25-2	Bromoform	6	U	UG/KG		B6,7/11	
	75-27-4	Bromodichloromethane	6	U	UG/KG		B6,7/11	
	75-34-3	1,1-Dichloroethane	6	U	UG/KG		B6,7/11	
	75-35-4	1,1-Dichloroethene	6	U	UG/KG		B6,7/11	
	78-93-3	2-Butanone	1	J	UG/KG		B6,7/11	
	78-87-5	1,2-Dichloropropane	6	U	UG/KG		B6,7/11	
	75-15-0	Carbon disulfide	6	U	UG/KG		B6,7/11	
	75-09-2	Methylene chloride	9	B	UG/KG		B6,7/11	
	75-01-4	Vinyl chloride	11	U	UG/KG		B6,7/11	
	75-00-3	Chloroethane	11	U	UG/KG		B6,7/11	
	74-87-3	Chloromethane	11	U	UG/KG		B6,7/11	
	74-83-9	Bromomethane	11	U	UG/KG		B6,7/11	
	67-66-3	Chloroform	6	U	UG/KG		B6,7/11	
	67-64-1	Acetone	62		UG/KG		B6,7/11	
	57-12-5	Cyanide	.6	U	MG/KG	WW 037	B6,7/11	

APPENDIX A
ANALYTICAL RESULTS

3 10 01077

SAMPLE NUMBER	PARAMETER CODE	COMPOUND/ANALYTE	RESULTS	QUALIFIER	UNITS	PRODUCT CODE	SAMPLE LOCATION	FLAG
J.	7439-92-1	Lead	6.7		MG/KG	AG 704	B23,3/7	TRG
	7782-49-2	Selenium	.4	UW	MG/KG		B23,3/7	
	7440-38-2	Arsenic	3	UW	MG/KG		B23,3/7	
	7440-28-0	Thallium	.2	U	MG/KG		B23,3/7	
	ITO-003	% Solids	85.5		% SOLIDS	AP 706	B23,3/7	
	7440-70-2	Calcium	55	B	MG/KG		B23,3/7	
	7440-02-0	Nickel	2	U	MG/KG		B23,3/7	
	7440-09-7	Potassium	117	U	MG/KG		B23,3/7	
	7440-43-9	Cadmium	.6	U	MG/KG		B23,3/7	
	7440-47-3	Chromium	12		MG/KG		B23,3/7	
	7440-48-4	Cobalt	3	B	MG/KG		B23,3/7	
	7440-50-8	Copper	6		MG/KG		B23,3/7	
	7440-62-2	Vanadium	35		MG/KG		B23,3/7	
	7440-66-6	Zinc	16		MG/KG		B23,3/7	
	7440-41-7	Beryllium	.5	B	MG/KG		B23,3/7	
	7440-22-4	Silver	.6	U	MG/KG		B23,3/7	
	7440-23-5	Sodium	183	B	MG/KG		B23,3/7	
	7440-39-3	Barium	70.1		MG/KG		B23,3/7	
	7440-36-0	Antimony	4	U	MG/KG		B23,3/7	
	7439-95-4	Magnesium	342	B	MG/KG		B23,3/7	
	7439-96-5	Manganese	12		MG/KG		B23,3/7	
	7439-89-6	Iron	14800		MG/KG		B23,3/7	
	7429-90-5	Aluminum	13600		MG/KG		B23,3/7	
	7439-97-6	Mercury	.02	U	MG/KG	AV 006	B23,3/7	
	50-29-3	4,4'-DDT	18	U	UG/KG	GC 723	B23,3/7	
	72-20-8	Endrin	18	U	UG/KG		B23,3/7	
	5103-74-2	gamma-Chlordane	90	U	UG/KG		B23,3/7	
	8001-35-2	Toxaphene	180	U	UG/KG		B23,3/7	
	11096-82-5	Aroclor-1260	180	U	UG/KG		B23,3/7	
	11104-28-2	Aroclor-1221	90	U	UG/KG		B23,3/7	
	11097-69-1	Aroclor-1254	180	U	UG/KG		B23,3/7	
	11141-16-5	Aroclor-1232	90	U	UG/KG		B23,3/7	
	12672-29-6	Aroclor-1248	90	U	UG/KG		B23,3/7	
	12674-11-2	Aroclor-1016	90	U	UG/KG		B23,3/7	
	33213-65-9	Endosulfan II	18	U	UG/KG		B23,3/7	
	53469-21-9	Aroclor-1242	90	U	UG/KG		B23,3/7	
	53494-70-5	Endrin ketone	18	U	UG/KG		B23,3/7	
	72-43-5	Methoxychlor	90	U	UG/KG		B23,3/7	
	319-85-7	beta-BHC	9	U	UG/KG		B23,3/7	
	319-86-8	delta-BHC	9	U	UG/KG		B23,3/7	
	959-98-8	Endosulfan-I	9	U	UG/KG		B23,3/7	
	1024-57-3	Heptachlor epoxide	9	U	UG/KG		B23,3/7	
	1031-07-8	Endosulfan sulfate	18	U	UG/KG		B23,3/7	
	5103-71-9	alpha-Chlordane	90	U	UG/KG		B23,3/7	
	319-84-6	alpha-BHC	9	U	UG/KG		B23,3/7	
	309-00-2	Aldrin	9	U	UG/KG		B23,3/7	
	72-54-8	4,4'-DDD	18	U	UG/KG		B23,3/7	
	ITO-001	% Moisture	12		% MOISTURE		B23,3/7	
	76-44-8	Heptachlor	9	U	UG/KG		B23,3/7	
	72-55-9	4,4'-DDE	18	U	UG/KG		B23,3/7	
	60-57-1	Dieldrin	18	U	UG/KG		B23,3/7	
	58-89-9	gamma-BHC (Lindane)	9	U	UG/KG		B23,3/7	

APPENDIX A
ANALYTICAL RESULTS

3 10 01078

SAMPLE NUMBER	PARAMETER CODE	COMPOUND/ANALYTE	RESULTS	QUALIFIER	UNITS	PRODUCT CODE	SAMPLE LOCATION	FLAG
3	50-32-8	Benzo(a)pyrene	370	U	UG/KG	ME 705	B23,3/7	TRG
	56-55-3	Benzo(a)anthracene	370	U	UG/KG		B23,3/7	
	100-51-6	Benzyl alcohol	370	U	UG/KG		B23,3/7	
	101-55-3	4-Bromophenyl phenyl ether	370	U	UG/KG		B23,3/7	
	106-46-7	1,4-Dichlorobenzene	370	U	UG/KG		B23,3/7	
	106-47-8	4-Chloroaniline	370	U	UG/KG		B23,3/7	
	108-60-1	bis(2-Chloroisopropyl)ether	370	U	UG/KG		B23,3/7	
	111-44-4	bis(2-Chloroethyl)ether	370	U	UG/KG		B23,3/7	
	111-91-1	bis(2-Chloroethoxy)methane	370	U	UG/KG		B23,3/7	
	117-81-7	bis(2-Ethylhexyl) phthalate	500	B	UG/KG		B23,3/7	
	118-74-1	Hexachlorobenzene	370	U	UG/KG		B23,3/7	
	120-12-7	Anthracene	370	U	UG/KG		B23,3/7	
	120-82-1	1,2,4-Trichlorobenzene	370	U	UG/KG		B23,3/7	
	121-14-2	2,4-Dinitrotoluene	370	U	UG/KG		B23,3/7	
	120-83-2	2,4-Dichlorophenol	370	U	UG/KG		B23,3/7	
	117-84-0	Di-n-octyl phthalate	370	U	UG/KG		B23,3/7	
	108-95-2	Phenol	370	U	UG/KG		B23,3/7	
	129-00-0	Pyrene	370	U	UG/KG		B23,3/7	
	131-11-3	Dimethyl phthalate	370	U	UG/KG		B23,3/7	
	132-64-9	Dibenzofuran	370	U	UG/KG		B23,3/7	
	191-24-2	Benzo(g,h,i)perylene	370	U	UG/KG		B23,3/7	
	193-39-5	Indeno(1,2,3-cd)pyrene	370	U	UG/KG		B23,3/7	
	205-99-2	Benzo(b)fluoranthene	370	U	UG/KG		B23,3/7	
	207-08-9	Benzo(k)fluoranthene	370	U	UG/KG		B23,3/7	
	208-96-8	Acenaphthylene	370	U	UG/KG		B23,3/7	
	218-01-9	Chrysene	370	U	UG/KG		B23,3/7	
	541-73-1	1,3-Dichlorobenzene	370	U	UG/KG		B23,3/7	
	606-20-2	2,6-Dinitrotoluene	370	U	UG/KG		B23,3/7	
	621-64-7	N-Nitroso-di-n-propylamine	370	U	UG/KG		B23,3/7	
	7005-72-3	4-Chlorophenylphenyl ether	370	U	UG/KG		B23,3/7	
	534-52-1	4,6-Dinitro-2-methylphenol	1800	U	UG/KG		B23,3/7	
	206-44-0	Fluoranthene	370	U	UG/KG		B23,3/7	
	106-44-5	4-Methylphenol	370	U	UG/KG		B23,3/7	
	105-67-9	2,4-Dimethylphenol	370	U	UG/KG		B23,3/7	
	59-50-7	4-Chloro-3-methylphenol	370	U	UG/KG		B23,3/7	
	85-01-8	Phenanthrene	370	U	UG/KG		B23,3/7	
	91-58-7	2-Chloronaphthalene	370	U	UG/KG		B23,3/7	
	91-94-1	3,3'-Dichlorobenzidine	740	U	UG/KG		B23,3/7	
	95-48-7	2-Methylphenol	370	U	UG/KG		B23,3/7	
	95-50-1	1,2-Dichlorobenzene	370	U	UG/KG		B23,3/7	
	95-57-8	2-Chlorophenol	370	U	UG/KG		B23,3/7	
	95-95-4	2,4,5-Trichlorophenol	1800	U	UG/KG		B23,3/7	
	98-95-3	Nitrobenzene	370	U	UG/KG		B23,3/7	
	99-09-2	3-Nitroaniline	1800	U	UG/KG		B23,3/7	
	85-68-7	Butyl benzyl phthalate	370	U	UG/KG		B23,3/7	
	86-30-6	N-Nitrosodiphenylamine	370	U	UG/KG		B23,3/7	
	86-73-7	Fluorene	370	U	UG/KG		B23,3/7	
	IT0-001	% Moisture	12		% MOISTURE		B23,3/7	
	100-01-6	4-Nitroaniline	1800	U	UG/KG		B23,3/7	
	87-86-5	Pentachlorophenol	1800	U	UG/KG		B23,3/7	
	88-06-2	2,4,6-Trichlorophenol	370	U	UG/KG		B23,3/7	
	88-74-4	2-Nitroaniline	1800	U	UG/KG		B23,3/7	
	100-02-7	4-Nitrophenol	1800	U	UG/KG		B23,3/7	
	88-75-5	2-Nitrophenol	370	U	UG/KG		B23,3/7	
	91-20-3	Naphthalene	370	U	UG/KG		B23,3/7	
	91-57-6	2-Methylnaphthalene	370	U	UG/KG		B23,3/7	

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APPENDIX A
ANALYTICAL RESULTS

SAMPLE NUMBER	PARAMETER CODE	COMPOUND/ANALYTE	RESULTS	QUALIFIER	UNITS	PRODUCT CODE	SAMPLE LOCATION	FLAG
J.	87-68-3	Hexachlorobutadiene	370	U	UG/KG	ME 705	B23,3/7	TRG
	84-74-2	Di-n-butyl phthalate	370	U	UG/KG		B23,3/7	
	84-66-2	Diethyl phthalate	370	U	UG/KG		B23,3/7	
	65-85-0	Benzoic acid	1800	U	UG/KG		B23,3/7	
	83-32-9	Acenaphthene	370	U	UG/KG		B23,3/7	
	78-59-1	Isophorone	370	U	UG/KG		B23,3/7	
	77-47-4	Hexachlorocyclopentadiene	370	U	UG/KG		B23,3/7	
	67-72-1	Hexachloroethane	370	U	UG/KG		B23,3/7	
	53-70-3	Dibenzo(a,h)anthracene	370	U	UG/KG		B23,3/7	
	51-28-5	2,4-Dinitrophenol	1800	U	UG/KG		B23,3/7	
	56-23-5	Carbon Tetrachloride	6	U	UG/KG	MV 705	B23,3/7	
	67-66-3	Chloroform	6	U	UG/KG		B23,3/7	
	75-15-0	Carbon disulfide	6	U	UG/KG		B23,3/7	
	75-25-2	Bromoform	6	U	UG/KG		B23,3/7	
	75-27-4	Bromodichloromethane	6	U	UG/KG		B23,3/7	
	100-41-4	Ethylbenzene	6	U	UG/KG		B23,3/7	
	100-42-5	Styrene	6	U	UG/KG		B23,3/7	
	107-06-2	1,2-Dichloroethane	6	U	UG/KG		B23,3/7	
	108-88-3	Toluene	2	J	UG/KG		B23,3/7	
	108-10-1	4-Methyl-2-pentanone	11	U	UG/KG		B23,3/7	
	108-90-7	Chlorobenzene	6	U	UG/KG		B23,3/7	
	124-48-1	Dibromochloromethane	6	U	UG/KG		B23,3/7	
	127-18-4	Tetrachloroethene	6	U	UG/KG		B23,3/7	
	540-59-0	1,2-Dichloroethylene	6	U	UG/KG		B23,3/7	
	591-78-6	2-Hexanone	11	U	UG/KG		B23,3/7	
	1330-20-7	Total xylenes	6	U	UG/KG		B23,3/7	
	10061-01-5	cis-1,3-Dichloropropene	6	U	UG/KG		B23,3/7	
	10061-02-6	trans-1,3-Dichloropropene	6	U	UG/KG		B23,3/7	
	108-05-4	Vinyl Acetate	11	U	UG/KG		B23,3/7	
	75-34-3	1,1-Dichloroethane	6	U	UG/KG		B23,3/7	
	78-87-5	1,2-Dichloropropane	6	U	UG/KG		B23,3/7	
	78-93-3	2-Butanone	11	U	UG/KG		B23,3/7	
	79-00-5	1,1,2-Trichloroethane	6	U	UG/KG		B23,3/7	
	79-01-6	Trichloroethene	6	U	UG/KG		B23,3/7	
	79-34-5	1,1,2,2-Tetrachloroethane	6	U	UG/KG		B23,3/7	
	ITO-001	% Moisture	12		% MOISTURE		B23,3/7	
	75-35-4	1,1-Dichloroethene	6	U	UG/KG		B23,3/7	
	75-09-2	Methylene chloride	5	BJ	UG/KG		B23,3/7	
	75-01-4	Vinyl chloride	11	U	UG/KG		B23,3/7	
	71-43-2	Benzene	6	U	UG/KG		B23,3/7	
	75-00-3	Chloroethane	11	U	UG/KG		B23,3/7	
	74-87-3	Chloromethane	11	U	UG/KG		B23,3/7	
	74-83-9	Bromomethane	11	U	UG/KG		B23,3/7	
	71-55-6	1,1,1-Trichloroethane	6	U	UG/KG		B23,3/7	
	67-64-1	Acetone	6	U	UG/KG		B23,3/7	
	57-12-5	Cyanide	.6	U	MG/KG	WW 037	B23,3/7	

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APPENDIX A
ANALYTICAL RESULTS

SAMPLE NUMBER	PARAMETER CODE	COMPOUND/ANALYTE	RESULTS	QUALIFIER	UNITS	PRODUCT CODE	SAMPLE LOCATION	FLAG
[redacted]	7439-92-1	Lead	2.3		MG/KG	AG 704	B23,7/11	TRG
	7440-38-2	Arsenic	4	UW	MG/KG		B23,7/11	
	7782-49-2	Selenium	.3	U	MG/KG		B23,7/11	
	7440-28-0	Thallium	.4	B	MG/KG		B23,7/11	
	ITO-003	% Solids	84.9		% SOLIDS	AP 706	B23,7/11	
	7440-02-0	Nickel	2	U	MG/KG		B23,7/11	
	7440-09-7	Potassium	118	U	MG/KG		B23,7/11	
	7440-22-4	Silver	.6	U	MG/KG		B23,7/11	
	7440-47-3	Chromium	4		MG/KG		B23,7/11	
	7440-43-9	Cadmium	.6	U	MG/KG		B23,7/11	
	7440-48-4	Cobalt	2	U	MG/KG		B23,7/11	
	7440-50-8	Copper	3	B	MG/KG		B23,7/11	
	7440-62-2	Vanadium	11		MG/KG		B23,7/11	
	7440-66-6	Zinc	7.2		MG/KG		B23,7/11	
	7440-70-2	Calcium	137	B	MG/KG		B23,7/11	
	7440-41-7	Beryllium	.2	B	MG/KG		B23,7/11	
	7440-23-5	Sodium	91	B	MG/KG		B23,7/11	
	7440-39-3	Barium	27.9	B	MG/KG		B23,7/11	
	7440-36-0	Antimony	4	U	MG/KG		B23,7/11	
	7439-95-4	Magnesium	168	B	MG/KG		B23,7/11	
	7439-96-5	Manganese	7.4		MG/KG		B23,7/11	
	7439-89-6	Iron	2620		MG/KG		B23,7/11	
	7429-90-5	Aluminum	6370		MG/KG		B23,7/11	
[redacted]	7439-97-6	Mercury	.02	U	MG/KG	AV 006	B23,7/11	
	50-29-3	4,4'-DDT	19	U	UG/KG	GC 723	B23,7/11	
	309-00-2	Aldrin	9.4	U	UG/KG		B23,7/11	
	11096-82-5	Aroclor-1260	190	U	UG/KG		B23,7/11	
	11097-69-1	Aroclor-1254	190	U	UG/KG		B23,7/11	
	11104-28-2	Aroclor-1221	94	U	UG/KG		B23,7/11	
	11141-16-5	Aroclor-1232	94	U	UG/KG		B23,7/11	
	12672-29-6	Aroclor-1248	94	U	UG/KG		B23,7/11	
	12674-11-2	Aroclor-1016	94	U	UG/KG		B23,7/11	
	33213-65-9	Endosulfan II	19	U	UG/KG		B23,7/11	
	53469-21-9	Aroclor-1242	94	U	UG/KG		B23,7/11	
	53494-70-5	Endrin ketone	19	U	UG/KG		B23,7/11	
	319-84-6	alpha-BHC	9.4	U	UG/KG		B23,7/11	
	319-85-7	beta-BHC	9.4	U	UG/KG		B23,7/11	
	959-98-8	Endosulfan-I	9.4	U	UG/KG		B23,7/11	
	1024-57-3	Heptachlor epoxide	9.4	U	UG/KG		B23,7/11	
	1031-07-8	Endosulfan sulfate	19	U	UG/KG		B23,7/11	
	5103-71-9	alpha-Chlordane	94	U	UG/KG		B23,7/11	
	5103-74-2	gamma-Chlordane	94	U	UG/KG		B23,7/11	
	8001-35-2	Toxaphene	190	U	UG/KG		B23,7/11	
	319-86-8	delta-BHC	9.4	U	UG/KG		B23,7/11	
	ITO-001	% Moisture	16		% MOISTURE		B23,7/11	
	76-44-8	Heptachlor	9.4	U	UG/KG		B23,7/11	
	72-55-9	4,4'-DDE	19	U	UG/KG		B23,7/11	
	72-20-8	Endrin	19	U	UG/KG		B23,7/11	
	72-43-5	Methoxychlor	94	U	UG/KG		B23,7/11	
	72-54-8	4,4'-DDD	19	U	UG/KG		B23,7/11	
	60-57-1	Dieldrin	19	U	UG/KG		B23,7/11	
	58-89-9	gamma-BHC (Lindane)	9.4	U	UG/KG		B23,7/11	

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APPENDIX A
ANALYTICAL RESULTS

SAMPLE NUMBER	PARAMETER CODE	COMPOUND/ANALYTE	RESULTS	QUALIFIER	UNITS	PRODUCT CODE	SAMPLE LOCATION	FLAG
J...o	50-32-8	Benzo(a)pyrene	390	U	UG/KG	ME 705	B23,7/11	TRG
	84-66-2	Diethyl phthalate	390	U	UG/KG		B23,7/11	
	106-44-5	4-Methylphenol	390	U	UG/KG		B23,7/11	
	106-46-7	1,4-Dichlorobenzene	390	U	UG/KG		B23,7/11	
	106-47-8	4-Chloroaniline	390	U	UG/KG		B23,7/11	
	108-95-2	Phenol	390	U	UG/KG		B23,7/11	
	111-44-4	bis(2-Chloroethyl)ether	390	U	UG/KG		B23,7/11	
	111-91-1	bis(2-Chloroethoxy)methane	390	U	UG/KG		B23,7/11	
	117-84-0	Di-n-octyl phthalate	390	U	UG/KG		B23,7/11	
	118-74-1	Hexachlorobenzene	390	U	UG/KG		B23,7/11	
	120-12-7	Anthracene	390	U	UG/KG		B23,7/11	
	120-83-2	2,4-Dichlorophenol	390	U	UG/KG		B23,7/11	
	121-14-2	2,4-Dinitrotoluene	390	U	UG/KG		B23,7/11	
	129-00-0	Pyrene	390	U	UG/KG		B23,7/11	
	132-64-9	Dibenzofuran	390	U	UG/KG		B23,7/11	
	191-24-2	Benzo(g,h,i)perylene	390	U	UG/KG		B23,7/11	
	193-39-5	Indeno(1,2,3-cd)pyrene	390	U	UG/KG		B23,7/11	
	206-44-0	Fluoranthene	390	U	UG/KG		B23,7/11	
	207-08-9	Benzo(k)fluoranthene	390	U	UG/KG		B23,7/11	
	208-96-8	Acenaphthylene	390	U	UG/KG		B23,7/11	
	534-52-1	4,6-Dinitro-2-methylphenol	1900	U	UG/KG		B23,7/11	
	541-73-1	1,3-Dichlorobenzene	390	U	UG/KG		B23,7/11	
	606-20-2	2,6-Dinitrotoluene	390	U	UG/KG		B23,7/11	
	7005-72-3	4-Chlorophenylphenyl ether	390	U	UG/KG		B23,7/11	
	621-64-7	N-Nitroso-di-n-propylamine	390	U	UG/KG		B23,7/11	
	218-01-9	Chrysene	390	U	UG/KG		B23,7/11	
	205-99-2	Benzo(b)fluoranthene	390	U	UG/KG		B23,7/11	
	131-11-3	Dimethyl phthalate	390	U	UG/KG		B23,7/11	
	120-82-1	1,2,4-Trichlorobenzene	390	U	UG/KG		B23,7/11	
	117-81-7	bis(2-Ethylhexyl) phthalate	910	B	UG/KG		B23,7/11	
	108-60-1	bis(2-Chloroisopropyl)ether	390	U	UG/KG		B23,7/11	
	84-74-2	Di-n-butyl phthalate	390	U	UG/KG		B23,7/11	
	88-75-5	2-Nitrophenol	390	U	UG/KG		B23,7/11	
	91-20-3	Naphthalene	390	U	UG/KG		B23,7/11	
	91-57-6	2-Methylnaphthalene	390	U	UG/KG		B23,7/11	
	85-01-8	Phenanthrene	390	U	UG/KG		B23,7/11	
	85-68-7	Butyl benzyl phthalate	390	U	UG/KG		B23,7/11	
	86-30-6	N-Nitrosodiphenylamine	390	U	UG/KG		B23,7/11	
	91-58-7	2-Chloronaphthalene	390	U	UG/KG		B23,7/11	
	91-94-1	3,3'-Dichlorobenzidine	780	U	UG/KG		B23,7/11	
	95-48-7	2-Methylphenol	390	U	UG/KG		B23,7/11	
	95-50-1	1,2-Dichlorobenzene	390	U	UG/KG		B23,7/11	
	95-95-4	2,4,5-Trichlorophenol	1900	U	UG/KG		B23,7/11	
	98-95-3	Nitrobenzene	390	U	UG/KG		B23,7/11	
	99-09-2	3-Nitroaniline	1900	U	UG/KG		B23,7/11	
	IT0-001	% Moisture	16		% MOISTURE		B23,7/11	
	100-01-6	4-Nitroaniline	1900	U	UG/KG		B23,7/11	
	100-02-7	4-Nitrophenol	1900	U	UG/KG		B23,7/11	
	100-51-6	Benzyl alcohol	390	U	UG/KG		B23,7/11	
	101-55-3	4-Bromophenyl phenyl ether	390	U	UG/KG		B23,7/11	
	105-67-9	2,4-Dimethylphenol	390	U	UG/KG		B23,7/11	
	95-57-8	2-Chlorophenol	390	U	UG/KG		B23,7/11	
	86-73-7	Fluorene	390	U	UG/KG		B23,7/11	
	87-68-3	Hexachlorobutadiene	390	U	UG/KG		B23,7/11	
	87-86-5	Pentachlorophenol	1900	U	UG/KG		B23,7/11	
	88-06-2	2,4,6-Trichlorophenol	390	U	UG/KG		B23,7/11	

APPENDIX A
ANALYTICAL RESULTS

3 10 01082

SAMPLE NUMBER	PARAMETER CODE	COMPOUND/ANALYTE	RESULTS	QUALIFIER	UNITS	PRODUCT CODE	SAMPLE LOCATION	FLAG
[redacted]	88-74-4	2-Nitroaniline	1900	U	UG/KG	ME 705	B23,7/11	TRG
	83-32-9	Acenaphthene	390	U	UG/KG		B23,7/11	
	78-59-1	Isophorone	390	U	UG/KG		B23,7/11	
	77-47-4	Hexachlorocyclopentadiene	390	U	UG/KG		B23,7/11	
	67-72-1	Hexachloroethane	390	U	UG/KG		B23,7/11	
	56-55-3	Benzo(a)anthracene	390	U	UG/KG		B23,7/11	
	59-50-7	4-Chloro-3-methylphenol	390	U	UG/KG		B23,7/11	
	65-85-0	Benzoic acid	1900	U	UG/KG		B23,7/11	
	53-70-3	Dibenzo(a,h)anthracene	390	U	UG/KG		B23,7/11	
	51-28-5	2,4-Dinitrophenol	1900	U	UG/KG		B23,7/11	
	56-23-5	Carbon Tetrachloride	6	U	UG/KG	MV 705	B23,7/11	
	71-43-2	Benzene	6	U	UG/KG		B23,7/11	
	79-00-5	1,1,2-Trichloroethane	6	U	UG/KG		B23,7/11	
	79-01-6	Trichloroethene	6	U	UG/KG		B23,7/11	
	79-34-5	1,1,2,2-Tetrachloroethane	6	U	UG/KG		B23,7/11	
	100-41-4	Ethylbenzene	6	U	UG/KG		B23,7/11	
	100-42-5	Styrene	6	U	UG/KG		B23,7/11	
	107-06-2	1,2-Dichloroethane	6	U	UG/KG		B23,7/11	
	108-10-1	4-Methyl-2-pentanone	12	U	UG/KG		B23,7/11	
	108-88-3	Toluene	2	J	UG/KG		B23,7/11	
	108-90-7	Chlorobenzene	6	U	UG/KG		B23,7/11	
	124-48-1	Dibromochloromethane	6	U	UG/KG		B23,7/11	
	127-18-4	Tetrachloroethene	6	U	UG/KG		B23,7/11	
	540-59-0	1,2-Dichloroethylene	6	U	UG/KG		B23,7/11	
	591-78-6	2-Hexanone	12	U	UG/KG		B23,7/11	
	10061-01-5	cis-1,3-Dichloropropene	6	U	UG/KG		B23,7/11	
	10061-02-6	trans-1,3-Dichloropropene	6	U	UG/KG		B23,7/11	
	1330-20-7	Total xylenes	6	U	UG/KG		B23,7/11	
	108-05-4	Vinyl Acetate	12	U	UG/KG		B23,7/11	
	IT0-001	% Moisture	16		% MOISTURE		B23,7/11	
	75-09-2	Methylene chloride	8	B	UG/KG		B23,7/11	
	75-25-2	Bromoform	6	U	UG/KG		B23,7/11	
	75-15-0	Carbon disulfide	6	U	UG/KG		B23,7/11	
	75-34-3	1,1-Dichloroethane	6	U	UG/KG		B23,7/11	
	75-35-4	1,1-Dichloroethene	6	U	UG/KG		B23,7/11	
	78-87-5	1,2-Dichloropropane	6	U	UG/KG		B23,7/11	
	78-93-3	2-Butanone	4	J	UG/KG		B23,7/11	
	75-27-4	Bromodichloromethane	6	U	UG/KG		B23,7/11	
	71-55-6	1,1,1-Trichloroethane	6	U	UG/KG		B23,7/11	
	75-01-4	Vinyl chloride	12	U	UG/KG		B23,7/11	
	75-00-3	Chloroethane	12	U	UG/KG		B23,7/11	
	74-87-3	Chloromethane	12	U	UG/KG		B23,7/11	
	74-83-9	Bromomethane	12	U	UG/KG		B23,7/11	
	67-66-3	Chloroform	6	U	UG/KG		B23,7/11	
	67-64-1	Acetone	32		UG/KG		B23,7/11	
	57-12-5	Cyanide	.6	U	MG/KG	WW 037	B23,7/11	

3 10 01083

APPENDIX A
ANALYTICAL RESULTS

SAMPLE NUMBER	PARAMETER CODE	COMPOUND/ANALYTE	RESULTS	QUALIFIER	UNITS	PRODUCT CODE	SAMPLE LOCATION	FLAG
[redacted]	7439-92-1	Lead	5.2		MG/KG	AG 704	B22,3/7	TRG
	7782-49-2	Selenium	.3	UW	MG/KG		B22,3/7	
	7440-38-2	Arsenic	.3	UW	MG/KG		B22,3/7	
	7440-28-0	Thallium	.2	U	MG/KG		B22,3/7	
	ITO-003	% Solids	83.4		% SOLIDS	AP 706	B22,3/7	
	7439-89-6	Iron	8650		MG/KG		B22,3/7	
	7440-22-4	Silver	.9	B	MG/KG		B22,3/7	
	7440-23-5	Sodium	107	B	MG/KG		B22,3/7	
	7440-36-0	Antimony	4	U	MG/KG		B22,3/7	
	7440-50-8	Copper	4	B	MG/KG		B22,3/7	
	7440-62-2	Vanadium	24		MG/KG		B22,3/7	
	7440-66-6	Zinc	7		MG/KG		B22,3/7	
	7440-70-2	Calcium	28		MG/KG		B22,3/7	
	7440-48-4	Cobalt	2	U	MG/KG		B22,3/7	
	7440-47-3	Chromium	7		MG/KG		B22,3/7	
	7440-39-3	Barium	56.4		MG/KG		B22,3/7	
	7440-43-9	Cadmium	.6	U	MG/KG		B22,3/7	
	7440-41-7	Beryllium	.3	B	MG/KG		B22,3/7	
	7440-09-7	Potassium	120	U	MG/KG		B22,3/7	
	7440-02-0	Nickel	2	U	MG/KG		B22,3/7	
	7439-96-5	Manganese	5.5		MG/KG		B22,3/7	
	7439-95-4	Magnesium	225	B	MG/KG		B22,3/7	
	7429-90-5	Aluminum	5880		MG/KG		B22,3/7	
[redacted]	7439-97-6	Mercury	.03	U	MG/KG	AV 006	B22,3/7	
	50-29-3	4,4'-DDT	18	U	UG/KG	GC 723	B22,3/7	
	5103-74-2	gamma-Chlordane	91	U	UG/KG		B22,3/7	
	8001-35-2	Toxaphene	180	U	UG/KG		B22,3/7	
	11096-82-5	Aroclor-1260	180	U	UG/KG		B22,3/7	
	11104-28-2	Aroclor-1221	91	U	UG/KG		B22,3/7	
	11141-16-5	Aroclor-1232	91	U	UG/KG		B22,3/7	
	12672-29-6	Aroclor-1248	91	U	UG/KG		B22,3/7	
	12674-11-2	Aroclor-1016	91	U	UG/KG		B22,3/7	
	33213-65-9	Endosulfan II	18	U	UG/KG		B22,3/7	
	53469-21-9	Aroclor-1242	91	U	UG/KG		B22,3/7	
	53494-70-5	Endrin ketone	18	U	UG/KG		B22,3/7	
	11097-69-1	Aroclor-1254	180	U	UG/KG		B22,3/7	
	72-54-8	4,4'-DDD	18	U	UG/KG		B22,3/7	
	72-55-9	4,4'-DDE	18	U	UG/KG		B22,3/7	
	319-85-7	beta-BHC	9.1	U	UG/KG		B22,3/7	
	319-86-8	delta-BHC	9.1	U	UG/KG		B22,3/7	
	959-98-8	Endosulfan-I	9.1	U	UG/KG		B22,3/7	
	1024-57-3	Heptachlor epoxide	9.1	U	UG/KG		B22,3/7	
	5103-71-9	alpha-Chlordane	91	U	UG/KG		B22,3/7	
	1031-07-8	Endosulfan sulfate	18	U	UG/KG		B22,3/7	
	319-84-6	alpha-BHC	9.1	U	UG/KG		B22,3/7	
	76-44-8	Heptachlor	9.1	U	UG/KG		B22,3/7	
[redacted]	309-00-2	Aldrin	9.1	U	UG/KG		B22,3/7	
	ITO-001	% Moisture	13		% MOISTURE		B22,3/7	
	72-20-8	Endrin	18	U	UG/KG		B22,3/7	
	72-43-5	Methoxychlor	91	U	UG/KG		B22,3/7	
	60-57-1	Dieldrin	18	U	UG/KG		B22,3/7	
	58-89-9	gamma-BHC (Lindane)	9.1	U	UG/KG		B22,3/7	

APPENDIX A
ANALYTICAL RESULTS

3 10 01084

SAMPLE NUMBER	PARAMETER CODE	COMPOUND/ANALYTE	RESULTS	QUALIFIER	UNITS	PRODUCT CODE	SAMPLE LOCATION	FLAG
[redacted]	50-32-8	Benzo(a)pyrene	380	U	UG/KG	ME 705	B22,3/7	TRG
	56-55-3	Benzo(a)anthracene	380	U	UG/KG		B22,3/7	
	88-06-2	2,4,6-Trichlorophenol	380	U	UG/KG		B22,3/7	
	108-60-1	bis(2-Chloroisopropyl)ether	380	U	UG/KG		B22,3/7	
	108-95-2	Phenol	380	U	UG/KG		B22,3/7	
	111-44-4	bis(2-Chloroethyl)ether	380	U	UG/KG		B22,3/7	
	117-81-7	bis(2-Ethylhexyl) phthalate	680	B	UG/KG		B22,3/7	
	117-84-0	Di-n-octyl phthalate	380	U	UG/KG		B22,3/7	
	118-74-1	Hexachlorobenzene	380	U	UG/KG		B22,3/7	
	120-82-1	1,2,4-Trichlorobenzene	380	U	UG/KG		B22,3/7	
	120-83-2	2,4-Dichlorophenol	380	U	UG/KG		B22,3/7	
	121-14-2	2,4-Dinitrotoluene	380	U	UG/KG		B22,3/7	
	131-11-3	Dimethyl phthalate	380	U	UG/KG		B22,3/7	
	132-64-9	Dibenzofuran	380	U	UG/KG		B22,3/7	
	191-24-2	Benzo(g,h,i)perylene	380	U	UG/KG		B22,3/7	
	205-99-2	Benzo(b)fluoranthene	380	U	UG/KG		B22,3/7	
	206-44-0	Fluoranthene	380	U	UG/KG		B22,3/7	
	207-08-9	Benzo(k)fluoranthene	380	U	UG/KG		B22,3/7	
	218-01-9	Chrysene	380	U	UG/KG		B22,3/7	
	534-52-1	4,6-Dinitro-2-methylphenol	1800	U	UG/KG		B22,3/7	
	208-96-8	Acenaphthylene	380	U	UG/KG		B22,3/7	
	193-39-5	Indeno(1,2,3-cd)pyrene	380	U	UG/KG		B22,3/7	
	129-00-0	Pyrene	380	U	UG/KG		B22,3/7	
	120-12-7	Anthracene	380	U	UG/KG		B22,3/7	
	111-91-1	bis(2-Chloroethoxy)methane	380	U	UG/KG		B22,3/7	
	541-73-1	1,3-Dichlorobenzene	380	U	UG/KG		B22,3/7	
	606-20-2	2,6-Dinitrotoluene	380	U	UG/KG		B22,3/7	
	88-74-4	2-Nitroaniline	1800	U	UG/KG		B22,3/7	
	88-75-5	2-Nitrophenol	380	U	UG/KG		B22,3/7	
	85-01-8	Phenanthrene	380	U	UG/KG		B22,3/7	
	91-20-3	Naphthalene	380	U	UG/KG		B22,3/7	
	91-57-6	2-Methylnaphthalene	380	U	UG/KG		B22,3/7	
	621-64-7	N-Nitroso-di-n-propylamine	380	U	UG/KG		B22,3/7	
	7005-72-3	4-Chlorophenylphenyl ether	380	U	UG/KG		B22,3/7	
	91-58-7	2-Chloronaphthalene	380	U	UG/KG		B22,3/7	
	91-94-1	3,3'-Dichlorobenzidine	750	U	UG/KG		B22,3/7	
	95-48-7	2-Methylphenol	380	U	UG/KG		B22,3/7	
	95-50-1	1,2-Dichlorobenzene	380	U	UG/KG		B22,3/7	
	95-57-8	2-Chlorophenol	380	U	UG/KG		B22,3/7	
	95-95-4	2,4,5-Trichlorophenol	1800	U	UG/KG		B22,3/7	
	98-95-3	Nitrobenzene	380	U	UG/KG		B22,3/7	
	99-09-2	3-Nitroaniline	1800	U	UG/KG		B22,3/7	
	IT0-001	% Moisture	13		% MOISTURE		B22,3/7	
	100-01-6	4-Nitroaniline	1800	U	UG/KG		B22,3/7	
	100-02-7	4-Nitrophenol	1800	U	UG/KG		B22,3/7	
	101-55-3	4-Bromophenyl phenyl ether	380	U	UG/KG		B22,3/7	
	105-67-9	2,4-Dimethylphenol	380	U	UG/KG		B22,3/7	
	106-44-5	4-Methylphenol	380	U	UG/KG		B22,3/7	
	106-46-7	1,4-Dichlorobenzene	380	U	UG/KG		B22,3/7	
	106-47-8	4-Chloroaniline	380	U	UG/KG		B22,3/7	
	100-51-6	Benzyl alcohol	380	U	UG/KG		B22,3/7	
	85-68-7	Butyl benzyl phthalate	380	U	UG/KG		B22,3/7	
	86-30-6	N-Nitrosodiphenylamine	120	BJ	UG/KG		B22,3/7	
	86-73-7	Fluorene	380	U	UG/KG		B22,3/7	
	87-86-5	Pentachlorophenol	1800	U	UG/KG		B22,3/7	
	87-68-3	Hexachlorobutadiene	380	U	UG/KG		B22,3/7	

APPENDIX A
ANALYTICAL RESULTS

3 10 01085

SAMPLE NUMBER	PARAMETER CODE	COMPOUND/ANALYTE	RESULTS	QUALIFIER	UNITS	PRODUCT CODE	SAMPLE LOCATION	FLAG
	84-74-2	Di-n-butyl phthalate	380	U	UG/KG	ME 705	B22,3/7	TRG
	84-66-2	Diethyl phthalate	380	U	UG/KG		B22,3/7	
	83-32-9	Acenaphthene	380	U	UG/KG		B22,3/7	
	78-59-1	Isophorone	380	U	UG/KG		B22,3/7	
	77-47-4	Hexachlorocyclopentadiene	380	U	UG/KG		B22,3/7	
	67-72-1	Hexachloroethane	380	U	UG/KG		B22,3/7	
	65-85-0	Benzoic acid	61	JB	UG/KG		B22,3/7	
	59-50-7	4-Chloro-3-methylphenol	380	U	UG/KG		B22,3/7	
	53-70-3	Dibenzo(a,h)anthracene	380	U	UG/KG		B22,3/7	
	51-28-5	2,4-Dinitrophenol	1800	U	UG/KG		B22,3/7	
	56-23-5	Carbon Tetrachloride	6	U	UG/KG	MV 705	B22,3/7	
	74-83-9	Bromomethane	11	U	UG/KG		B22,3/7	
	79-34-5	1,1,2,2-Tetrachloroethane	6	U	UG/KG		B22,3/7	
	ITO-001	% Moisture	13		% MOISTURE		B22,3/7	
	100-41-4	Ethylbenzene	6	U	UG/KG		B22,3/7	
	100-42-5	Styrene	6	U	UG/KG		B22,3/7	
	108-05-4	Vinyl Acetate	11	U	UG/KG		B22,3/7	
	107-06-2	1,2-Dichloroethane	6	U	UG/KG		B22,3/7	
	108-10-1	4-Methyl-2-pentanone	11	U	UG/KG		B22,3/7	
	108-88-3	Toluene	2	J	UG/KG		B22,3/7	
	108-90-7	Chlorobenzene	6	U	UG/KG		B22,3/7	
	124-48-1	Dibromochloromethane	6	U	UG/KG		B22,3/7	
	127-18-4	Tetrachloroethene	6	U	UG/KG		B22,3/7	
	540-59-0	1,2-Dichloroethylene	6	U	UG/KG		B22,3/7	
	591-78-6	2-Hexanone	11	U	UG/KG		B22,3/7	
	10061-02-6	trans-1,3-Dichloropropene	6	U	UG/KG		B22,3/7	
	10061-01-5	cis-1,3-Dichloropropene	6	U	UG/KG		B22,3/7	
	1330-20-7	Total xylenes	6	U	UG/KG		B22,3/7	
	74-87-3	Chloromethane	11	U	UG/KG		B22,3/7	
	75-00-3	Chloroethane	11	U	UG/KG		B22,3/7	
	75-34-3	1,1-Dichloroethane	6	U	UG/KG		B22,3/7	
	75-35-4	1,1-Dichloroethene	6	U	UG/KG		B22,3/7	
	78-87-5	1,2-Dichloropropane	6	U	UG/KG		B22,3/7	
	78-93-3	2-Butanone	6	J	UG/KG		B22,3/7	
	79-00-5	1,1,2-Trichloroethane	6	U	UG/KG		B22,3/7	
	79-01-6	Trichloroethene	6	U	UG/KG		B22,3/7	
	75-27-4	Bromodichloromethane	6	U	UG/KG		B22,3/7	
	75-25-2	Bromoform	6	U	UG/KG		B22,3/7	
	75-01-4	Vinyl chloride	11	U	UG/KG		B22,3/7	
	75-15-0	Carbon disulfide	6	U	UG/KG		B22,3/7	
	75-09-2	Methylene chloride	7	B	UG/KG		B22,3/7	
	71-55-6	1,1,1-Trichloroethane	6	U	UG/KG		B22,3/7	
	71-43-2	Benzene	6	U	UG/KG		B22,3/7	
	67-66-3	Chloroform	6	U	UG/KG		B22,3/7	
	67-64-1	Acetone	11	U	UG/KG		B22,3/7	
	57-12-5	Cyanide	.6	U	MG/KG	WW 037	B22,3/7	

3 10 01086

APPENDIX A
ANALYTICAL RESULTS

SAMPLE NUMBER	PARAMETER CODE	COMPOUND/ANALYTE	RESULTS	QUALIFIER	UNITS	PRODUCT CODE	SAMPLE LOCATION	FLAG
[redacted]	7439-92-1	Lead	3.9		MG/KG	AG 704	B22,7/11	TRG
	7440-38-2	Arsenic	.3	UW	MG/KG		B22,7/11	
	7782-49-2	Selenium	.3	BS	MG/KG		B22,7/11	
	7440-28-0	Thallium	.2	U	MG/KG		B22,7/11	
	ITO-003	% Solids	85.3		% SOLIDS	AP 706	B22,7/11	
	7440-36-0	Antimony	4	U	MG/KG		B22,7/11	
	7440-39-3	Barium	26.3	B	MG/KG		B22,7/11	
	7440-41-7	Beryllium	.2	B	MG/KG		B22,7/11	
	7440-47-3	Chromium	6		MG/KG		B22,7/11	
	7440-48-4	Cobalt	2	U	MG/KG		B22,7/11	
	7440-50-8	Copper	3	B	MG/KG		B22,7/11	
	7440-62-2	Vanadium	11		MG/KG		B22,7/11	
	7440-66-6	Zinc	7.1		MG/KG		B22,7/11	
	7440-43-9	Cadmium	.6	U	MG/KG		B22,7/11	
	7440-70-2	Calcium	140	B	MG/KG		B22,7/11	
	7440-02-0	Nickel	2	U	MG/KG		B22,7/11	
	7440-09-7	Potassium	117	U	MG/KG		B22,7/11	
	7440-22-4	Silver	.6	U	MG/KG		B22,7/11	
	7440-23-5	Sodium	61	B	MG/KG		B22,7/11	
	7439-95-4	Magnesium	141	B	MG/KG		B22,7/11	
	7439-96-5	Manganese	5.6		MG/KG		B22,7/11	
	7439-89-6	Iron	3470		MG/KG		B22,7/11	
	7429-90-5	Aluminum	4950		MG/KG		B22,7/11	
[redacted]	7439-97-6	Mercury	.03	U	MG/KG	AV 006	B22,7/11	
	50-29-3	4,4'-DDT	19	U	UG/KG	GC 723	B22,7/11	
	319-84-6	alpha-BHC	9.3	U	UG/KG		B22,7/11	
	319-85-7	beta-BHC	9.3	U	UG/KG		B22,7/11	
	11104-28-2	Aroclor-1221	93	U	UG/KG		B22,7/11	
	11141-16-5	Aroclor-1232	93	U	UG/KG		B22,7/11	
	12672-29-6	Aroclor-1248	93	U	UG/KG		B22,7/11	
	12674-11-2	Aroclor-1016	93	U	UG/KG		B22,7/11	
	53469-21-9	Aroclor-1242	93	U	UG/KG		B22,7/11	
	53494-70-5	Endrin ketone	19	U	UG/KG		B22,7/11	
	33213-65-9	Endosulfan II	19	U	UG/KG		B22,7/11	
	319-86-8	delta-BHC	9.3	U	UG/KG		B22,7/11	
	959-98-8	Endosulfan-I	9.3	U	UG/KG		B22,7/11	
	1031-07-8	Endosulfan sulfate	19	U	UG/KG		B22,7/11	
	5103-71-9	alpha-Chlordane	93	U	UG/KG		B22,7/11	
	5103-74-2	gamma-Chlordane	93	U	UG/KG		B22,7/11	
	8001-35-2	Toxaphene	190	U	UG/KG		B22,7/11	
	11096-82-5	Aroclor-1260	190	U	UG/KG		B22,7/11	
	11097-69-1	Aroclor-1254	190	U	UG/KG		B22,7/11	
	1024-57-3	Heptachlor epoxide	9.3	U	UG/KG		B22,7/11	
	309-00-2	Aldrin	9.3	U	UG/KG		B22,7/11	
	ITO-001	% Moisture	15		% MOISTURE		B22,7/11	
	76-44-8	Heptachlor	9.3	U	UG/KG		B22,7/11	
	72-55-9	4,4'-DDE	19	U	UG/KG		B22,7/11	
	72-20-8	Endrin	19	U	UG/KG		B22,7/11	
	72-43-5	Methoxychlor	93	U	UG/KG		B22,7/11	
	72-54-8	4,4'-DDD	19	U	UG/KG		B22,7/11	
	60-57-1	Dieldrin	19	U	UG/KG		B22,7/11	
	58-89-9	gamma-BHC (Lindane)	9.3	U	UG/KG		B22,7/11	

3 10 01087

APPENDIX A
ANALYTICAL RESULTS

SAMPLE NUMB	PARAMETER CODE	COMPOUND/ANALYTE	RESULTS	QUALIFIER	UNITS	PRODUCT CODE	SAMPLE LOCATION	FLAG
J.	50-32-8	Benzo(a)pyrene	390	U	UG/KG	ME 705	B22,7/11	TRG
	106-47-8	4-Chloroaniline	390	U	UG/KG		B22,7/11	
	108-60-1	bis(2-Chloroisopropyl)ether	390	U	UG/KG		B22,7/11	
	108-95-2	Phenol	390	U	UG/KG		B22,7/11	
	111-91-1	bis(2-Chloroethoxy)methane	390	U	UG/KG		B22,7/11	
	117-81-7	bis(2-Ethylhexyl) phthalate	900	B	UG/KG		B22,7/11	
	117-84-0	Di-n-octyl phthalate	390	U	UG/KG		B22,7/11	
	120-12-7	Anthracene	390	U	UG/KG		B22,7/11	
	120-82-1	1,2,4-Trichlorobenzene	390	U	UG/KG		B22,7/11	
	120-83-2	2,4-Dichlorophenol	390	U	UG/KG		B22,7/11	
	129-00-0	Pyrene	390	U	UG/KG		B22,7/11	
	131-11-3	Dimethyl phthalate	390	U	UG/KG		B22,7/11	
	132-64-9	Dibenzofuran	390	U	UG/KG		B22,7/11	
	193-39-5	Indeno(1,2,3-cd)pyrene	390	U	UG/KG		B22,7/11	
	205-99-2	Benzo(b)fluoranthene	390	U	UG/KG		B22,7/11	
	206-44-0	Fluoranthene	390	U	UG/KG		B22,7/11	
	208-96-8	Acenaphthylene	390	U	UG/KG		B22,7/11	
	218-01-9	Chrysene	390	U	UG/KG		B22,7/11	
	534-52-1	4,6-Dinitro-2-methylphenol	1900	U	UG/KG		B22,7/11	
	606-20-2	2,6-Dinitrotoluene	390	U	UG/KG		B22,7/11	
	621-64-7	N-Nitroso-di-n-propylamine	390	U	UG/KG		B22,7/11	
	7005-72-3	4-Chlorophenylphenyl ether	390	U	UG/KG		B22,7/11	
	541-73-1	1,3-Dichlorobenzene	390	U	UG/KG		B22,7/11	
	207-08-9	Benzo(k)fluoranthene	390	U	UG/KG		B22,7/11	
	191-24-2	Benzo(g,h,i)perylene	390	U	UG/KG		B22,7/11	
	121-14-2	2,4-Dinitrotoluene	390	U	UG/KG		B22,7/11	
	118-74-1	Hexachlorobenzene	390	U	UG/KG		B22,7/11	
	111-44-4	bis(2-Chloroethyl)ether	390	U	UG/KG		B22,7/11	
	53-70-3	Dibenzo(a,h)anthracene	390	U	UG/KG		B22,7/11	
	91-20-3	Naphthalene	390	U	UG/KG		B22,7/11	
	91-57-6	2-Methylnaphthalene	390	U	UG/KG		B22,7/11	
	91-58-7	2-Chloronaphthalene	390	U	UG/KG		B22,7/11	
	91-94-1	3,3'-Dichlorobenzidine	770	U	UG/KG		B22,7/11	
	56-55-3	Benzo(a)anthracene	390	U	UG/KG		B22,7/11	
	85-01-8	Phenanthrene	390	U	UG/KG		B22,7/11	
	86-30-6	N-Nitrosodiphenylamine	70	BJ	UG/KG		B22,7/11	
	95-48-7	2-Methylphenol	390	U	UG/KG		B22,7/11	
	95-50-1	1,2-Dichlorobenzene	390	U	UG/KG		B22,7/11	
	95-57-8	2-Chlorophenol	390	U	UG/KG		B22,7/11	
	95-95-4	2,4,5-Trichlorophenol	1900	U	UG/KG		B22,7/11	
	99-09-2	3-Nitroaniline	1900	U	UG/KG		B22,7/11	
	IT0-001	% Moisture	15		% MOISTURE		B22,7/11	
	100-01-6	4-Nitroaniline	1900	U	UG/KG		B22,7/11	
	100-02-7	4-Nitrophenol	1900	U	UG/KG		B22,7/11	
	100-51-6	Benzyl alcohol	390	U	UG/KG		B22,7/11	
	101-55-3	4-Bromophenyl phenyl ether	390	U	UG/KG		B22,7/11	
	105-67-9	2,4-Dimethylphenol	390	U	UG/KG		B22,7/11	
	106-46-7	1,4-Dichlorobenzene	390	U	UG/KG		B22,7/11	
	106-44-5	4-Methylphenol	390	U	UG/KG		B22,7/11	
	98-95-3	Nitrobenzene	390	U	UG/KG		B22,7/11	
	86-73-7	Fluorene	390	U	UG/KG		B22,7/11	
	87-68-3	Hexachlorobutadiene	390	U	UG/KG		B22,7/11	
	85-68-7	Butyl benzyl phthalate	390	U	UG/KG		B22,7/11	
	88-06-2	2,4,6-Trichlorophenol	390	U	UG/KG		B22,7/11	
	88-74-4	2-Nitroaniline	1900	U	UG/KG		B22,7/11	
	88-75-5	2-Nitrophenol	390	U	UG/KG		B22,7/11	

APPENDIX A
ANALYTICAL RESULTS

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SAMPLE NUMBER	PARAMETER CODE	COMPOUND/ANALYTE	RESULTS	QUALIFIER	UNITS	PRODUCT CODE	SAMPLE LOCATION	FLAG
	87-86-5	Pentachlorophenol	1900	U	UG/KG	ME 705	B22,7/11	TRG
	84-74-2	Di-n-butyl phthalate	390	U	UG/KG		B22,7/11	
	84-66-2	Diethyl phthalate	390	U	UG/KG		B22,7/11	
	83-32-9	Acenaphthene	390	U	UG/KG		B22,7/11	
	78-59-1	Isophorone	390	U	UG/KG		B22,7/11	
	77-47-4	Hexachlorocyclopentadiene	390	U	UG/KG		B22,7/11	
	67-72-1	Hexachloroethane	390	U	UG/KG		B22,7/11	
	65-85-0	Benzoic acid	77	JB	UG/KG		B22,7/11	
	59-50-7	4-Chloro-3-methylphenol	390	U	UG/KG		B22,7/11	
	51-28-5	2,4-Dinitrophenol	1900	U	UG/KG		B22,7/11	
	56-23-5	Carbon Tetrachloride	6	U	UG/KG	MV 705	B22,7/11	
	75-35-4	1,1-Dichloroethene	6	U	UG/KG		B22,7/11	
	78-87-5	1,2-Dichloropropane	6	U	UG/KG		B22,7/11	
	79-01-6	Trichloroethene	6	U	UG/KG		B22,7/11	
	79-34-5	1,1,2,2-Tetrachloroethane	6	U	UG/KG		B22,7/11	
	IT0-001	% Moisture	15		% MOISTURE		B22,7/11	
	100-42-5	Styrene	6	U	UG/KG		B22,7/11	
	107-06-2	1,2-Dichloroethane	6	U	UG/KG		B22,7/11	
	108-05-4	Vinyl Acetate	12	U	UG/KG		B22,7/11	
	108-10-1	4-Methyl-2-pentanone	12	U	UG/KG		B22,7/11	
	108-88-3	Toluene	6		UG/KG		B22,7/11	
	108-90-7	Chlorobenzene	6	U	UG/KG		B22,7/11	
	124-48-1	Dibromochloromethane	6	U	UG/KG		B22,7/11	
	127-18-4	Tetrachloroethene	6	U	UG/KG		B22,7/11	
	591-78-6	2-Hexanone	12	U	UG/KG		B22,7/11	
	1330-20-7	Total xylenes	3	J	UG/KG		B22,7/11	
	10061-01-5	cis-1,3-Dichloropropene	6	U	UG/KG		B22,7/11	
	10061-02-6	trans-1,3-Dichloropropene	6	U	UG/KG		B22,7/11	
	540-59-0	1,2-Dichloroethylene	6	U	UG/KG		B22,7/11	
	100-41-4	Ethylbenzene	6	U	UG/KG		B22,7/11	
	79-00-5	1,1,2-Trichloroethane	6	U	UG/KG		B22,7/11	
	78-93-3	2-Butanone	31		UG/KG		B22,7/11	
	71-43-2	Benzene	6	U	UG/KG		B22,7/11	
	75-09-2	Methylene chloride	5	BJ	UG/KG		B22,7/11	
	75-15-0	Carbon disulfide	6	U	UG/KG		B22,7/11	
	75-25-2	Bromoform	6	U	UG/KG		B22,7/11	
	75-27-4	Bromodichloromethane	6	U	UG/KG		B22,7/11	
	75-34-3	1,1-Dichloroethane	6	U	UG/KG		B22,7/11	
	71-55-6	1,1,1-Trichloroethane	6	U	UG/KG		B22,7/11	
	74-83-9	Bromomethane	12	U	UG/KG		B22,7/11	
	75-01-4	Vinyl chloride	12	U	UG/KG		B22,7/11	
	75-00-3	Chloroethane	12	U	UG/KG		B22,7/11	
	74-87-3	Chloromethane	12	U	UG/KG		B22,7/11	
	67-66-3	Chloroform	6	U	UG/KG		B22,7/11	
	67-64-1	Acetone	380	D	UG/KG		B22,7/11	
	57-12-5	Cyanide	.6	U	MG/KG	WW 037	B22,7/11	

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APPENDIX A
ANALYTICAL RESULTS

SAMPLE NUMBER	PARAMETER CODE	COMPOUND/ANALYTE	RESULTS	QUALIFIER	UNITS	PRODUCT CODE	SAMPLE LOCATION	FLAG
[redacted]	7439-92-1	Lead	3.9		MG/KG	AG 704	B20,3/7	TRG
	7782-49-2	Selenium	.4	BS	MG/KG		B20,3/7	
	7440-38-2	Arsenic	.3	U	MG/KG		B20,3/7	
	7440-28-0	Thallium	.2	U	MG/KG		B20,3/7	
	ITO-003	% Solids	93.3		% SOLIDS	AP 706	B20,3/7	
	7440-23-5	Sodium	74	B	MG/KG		B20,3/7	
	7440-50-8	Copper	2	B	MG/KG		B20,3/7	
	7440-62-2	Vanadium	11		MG/KG		B20,3/7	
	7440-66-6	Zinc	5.5		MG/KG		B20,3/7	
	7440-70-2	Calcium	335	B	MG/KG		B20,3/7	
	7440-22-4	Silver	.5	U	MG/KG		B20,3/7	
	7440-39-3	Barium	35.4	B	MG/KG		B20,3/7	
	7440-41-7	Beryllium	.3	B	MG/KG		B20,3/7	
	7440-43-9	Cadmium	.5	U	MG/KG		B20,3/7	
	7440-47-3	Chromium	7		MG/KG		B20,3/7	
	7440-48-4	Cobalt	2	U	MG/KG		B20,3/7	
	7440-36-0	Antimony	3	U	MG/KG		B20,3/7	
	7439-96-5	Manganese	6.4		MG/KG		B20,3/7	
	7440-02-0	Nickel	2	U	MG/KG		B20,3/7	
	7440-09-7	Potassium	107	U	MG/KG		B20,3/7	
	7439-89-6	Iron	3830		MG/KG		B20,3/7	
	7439-95-4	Magnesium	178	B	MG/KG		B20,3/7	
	7429-90-5	Aluminum	7880		MG/KG		B20,3/7	
[redacted]	7439-97-6	Mercury	.02	U	MG/KG	AV 006	B20,3/7	
	50-29-3	4,4'-DDT	19	U	UG/KG	GC 723	B20,3/7	
	8001-35-2	Toxaphene	190	U	UG/KG		B20,3/7	
	11096-82-5	Aroclor-1260	190	U	UG/KG		B20,3/7	
	11097-69-1	Aroclor-1254	190	U	UG/KG		B20,3/7	
	11104-28-2	Aroclor-1221	93	U	UG/KG		B20,3/7	
	11141-16-5	Aroclor-1232	93	U	UG/KG		B20,3/7	
	12674-11-2	Aroclor-1016	93	U	UG/KG		B20,3/7	
	33213-65-9	Endosulfan II	19	U	UG/KG		B20,3/7	
	53469-21-9	Aroclor-1242	93	U	UG/KG		B20,3/7	
	53494-70-5	Endrin ketone	19	U	UG/KG		B20,3/7	
	12672-29-6	Aroclor-1248	93	U	UG/KG		B20,3/7	
	72-20-8	Endrin	19	U	UG/KG		B20,3/7	
	72-43-5	Methoxychlor	93	U	UG/KG		B20,3/7	
	319-86-8	delta-BHC	9.3	U	UG/KG		B20,3/7	
	959-98-8	Endosulfan-I	9.3	U	UG/KG		B20,3/7	
	1024-57-3	Heptachlor epoxide	9.3	U	UG/KG		B20,3/7	
	1031-07-8	Endosulfan sulfate	19	U	UG/KG		B20,3/7	
	5103-71-9	alpha-Chlordane	93	U	UG/KG		B20,3/7	
	5103-74-2	gamma-Chlordane	93	U	UG/KG		B20,3/7	
	319-85-7	beta-BHC	9.3	U	UG/KG		B20,3/7	
	319-84-6	alpha-BHC	9.3	U	UG/KG		B20,3/7	
	72-54-8	4,4'-DDD	19	U	UG/KG		B20,3/7	
	309-00-2	Aldrin	9.3	U	UG/KG		B20,3/7	
[redacted]	ITO-001	% Moisture	15		% MOISTURE		B20,3/7	
	76-44-8	Heptachlor	9.3	U	UG/KG		B20,3/7	
	72-55-9	4,4'-DDE	19	U	UG/KG		B20,3/7	
	60-57-1	Dieldrin	19	U	UG/KG		B20,3/7	
	58-89-9	gamma-BHC (Lindane)	9.3	U	UG/KG		B20,3/7	

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APPENDIX A
ANALYTICAL RESULTS

SAMPLE NUMBER	PARAMETER CODE	COMPOUND/ANALYTE	RESULTS	QUALIFIER	UNITS	PRODUCT CODE	SAMPLE LOCATION	FLAG
J6	50-32-8	Benzo(a)pyrene	380	U	UG/KG	ME 705	B20,3/7	TRG
	77-47-4	Hexachlorocyclopentadiene	380	U	UG/KG		B20,3/7	
	108-60-1	bis(2-Chloroisopropyl)ether	380	U	UG/KG		B20,3/7	
	108-95-2	Phenol	380	U	UG/KG		B20,3/7	
	111-44-4	bis(2-Chloroethyl)ether	380	U	UG/KG		B20,3/7	
	117-81-7	bis(2-Ethylhexyl) phthalate	610	B	UG/KG		B20,3/7	
	117-84-0	Di-n-octyl phthalate	380	U	UG/KG		B20,3/7	
	118-74-1	Hexachlorobenzene	380	U	UG/KG		B20,3/7	
	120-82-1	1,2,4-Trichlorobenzene	380	U	UG/KG		B20,3/7	
	120-83-2	2,4-Dichlorophenol	380	U	UG/KG		B20,3/7	
	121-14-2	2,4-Dinitrotoluene	380	U	UG/KG		B20,3/7	
	120-12-7	Anthracene	380	U	UG/KG		B20,3/7	
	129-00-0	Pyrene	380	U	UG/KG		B20,3/7	
	131-11-3	Dimethyl phthalate	380	U	UG/KG		B20,3/7	
	111-91-1	bis(2-Chloroethoxy)methane	380	U	UG/KG		B20,3/7	
	84-66-2	Diethyl phthalate	380	U	UG/KG		B20,3/7	
	88-74-4	2-Nitroaniline	1900	U	UG/KG		B20,3/7	
	88-75-5	2-Nitrophenol	380	U	UG/KG		B20,3/7	
	91-20-3	Naphthalene	380	U	UG/KG		B20,3/7	
	91-57-6	2-Methylnaphthalene	380	U	UG/KG		B20,3/7	
	132-64-9	Dibenzofuran	380	U	UG/KG		B20,3/7	
	91-58-7	2-Chloronaphthalene	380	U	UG/KG		B20,3/7	
	91-94-1	3,3'-Dichlorobenzidine	770	U	UG/KG		B20,3/7	
	191-24-2	Benzo(g,h,i)perylene	380	U	UG/KG		B20,3/7	
	193-39-5	Indeno(1,2,3-cd)pyrene	380	U	UG/KG		B20,3/7	
	205-99-2	Benzo(b)fluoranthene	380	U	UG/KG		B20,3/7	
	206-44-0	Fluoranthene	380	U	UG/KG		B20,3/7	
	208-96-8	Acenaphthylene	380	U	UG/KG		B20,3/7	
	218-01-9	Chrysene	380	U	UG/KG		B20,3/7	
	541-73-1	1,3-Dichlorobenzene	380	U	UG/KG		B20,3/7	
	606-20-2	2,6-Dinitrotoluene	380	U	UG/KG		B20,3/7	
	621-64-7	N-Nitroso-di-n-propylamine	380	U	UG/KG		B20,3/7	
	7005-72-3	4-Chlorophenylphenyl ether	380	U	UG/KG		B20,3/7	
	534-52-1	4,6-Dinitro-2-methylphenol	1900	U	UG/KG		B20,3/7	
	207-08-9	Benzo(k)fluoranthene	380	U	UG/KG		B20,3/7	
	95-48-7	2-Methylphenol	380	U	UG/KG		B20,3/7	
	95-57-8	2-Chlorophenol	380	U	UG/KG		B20,3/7	
	95-95-4	2,4,5-Trichlorophenol	1900	U	UG/KG		B20,3/7	
	98-95-3	Nitrobenzene	380	U	UG/KG		B20,3/7	
	99-09-2	3-Nitroaniline	1900	U	UG/KG		B20,3/7	
	ITO-001	% Moisture	15		% MOISTURE		B20,3/7	
	100-01-6	4-Nitroaniline	1900	U	UG/KG		B20,3/7	
	100-02-7	4-Nitrophenol	1900	U	UG/KG		B20,3/7	
	101-55-3	4-Bromophenyl phenyl ether	380	U	UG/KG		B20,3/7	
	105-67-9	2,4-Dimethylphenol	380	U	UG/KG		B20,3/7	
	106-44-5	4-Methylphenol	380	U	UG/KG		B20,3/7	
	106-46-7	1,4-Dichlorobenzene	380	U	UG/KG		B20,3/7	
	106-47-8	4-Chloroaniline	380	U	UG/KG		B20,3/7	
	100-51-6	Benzyl alcohol	380	U	UG/KG		B20,3/7	
	95-50-1	1,2-Dichlorobenzene	380	U	UG/KG		B20,3/7	
	84-74-2	Di-n-butyl phthalate	380	U	UG/KG		B20,3/7	
	85-01-8	Phenanthrene	380	U	UG/KG		B20,3/7	
	85-68-7	Butyl benzyl phthalate	380	U	UG/KG		B20,3/7	
	86-30-6	N-Nitrosodiphenylamine	290	BJ	UG/KG		B20,3/7	
	86-73-7	Fluorene	380	U	UG/KG		B20,3/7	
	87-68-3	Hexachlorobutadiene	380	U	UG/KG		B20,3/7	

APPENDIX A
ANALYTICAL RESULTS

3 10 01091

SAMPLE NUMBER	PARAMETER CODE	COMPOUND/ANALYTE	RESULTS	QUALIFIER	UNITS	PRODUCT CODE	SAMPLE LOCATION	FLAG
	87-86-5	Pentachlorophenol	1900	U	UG/KG	ME 705	B20,3/7	TRG
	88-06-2	2,4,6-Trichlorophenol	380	U	UG/KG		B20,3/7	
	83-32-9	Acenaphthene	380	U	UG/KG		B20,3/7	
	78-59-1	Isophorone	380	U	UG/KG		B20,3/7	
	67-72-1	Hexachloroethane	380	U	UG/KG		B20,3/7	
	59-50-7	4-Chloro-3-methylphenol	380	U	UG/KG		B20,3/7	
	65-85-0	Benzoic acid	79	JB	UG/KG		B20,3/7	
	53-70-3	Dibenzo(a,h)anthracene	380	U	UG/KG		B20,3/7	
	56-55-3	Benzo(a)anthracene	380	U	UG/KG		B20,3/7	
	51-28-5	2,4-Dinitrophenol	1900	U	UG/KG		B20,3/7	
	56-23-5	Carbon Tetrachloride	6	U	UG/KG	MV 705	B20,3/7	
	10061-02-6	trans-1,3-Dichloropropene	6	U	UG/KG		B20,3/7	
	79-01-6	Trichloroethene	6	U	UG/KG		B20,3/7	
	79-34-5	1,1,2,2-Tetrachloroethane	6	U	UG/KG		B20,3/7	
	IT0-001	% Moisture	15		% MOISTURE		B20,3/7	
	100-41-4	Ethylbenzene	6	U	UG/KG		B20,3/7	
	100-42-5	Styrene	6	U	UG/KG		B20,3/7	
	107-06-2	1,2-Dichloroethane	6	U	UG/KG		B20,3/7	
	108-05-4	Vinyl Acetate	12	U	UG/KG		B20,3/7	
	108-10-1	4-Methyl-2-pentanone	12	U	UG/KG		B20,3/7	
	124-48-1	Dibromochloromethane	6	U	UG/KG		B20,3/7	
	127-18-4	Tetrachlorethene	6	U	UG/KG		B20,3/7	
	108-90-7	Chlorobenzene	6	U	UG/KG		B20,3/7	
	540-59-0	1,2-Dichloroethylene	6	U	UG/KG		B20,3/7	
	591-78-6	2-Hexanone	12	U	UG/KG		B20,3/7	
	1330-20-7	Total xylenes	6	U	UG/KG		B20,3/7	
	108-88-3	Toluene	2	J	UG/KG		B20,3/7	
	71-43-2	Benzene	6	U	UG/KG		B20,3/7	
	10061-01-5	cis-1,3-Dichloropropene	6	U	UG/KG		B20,3/7	
	71-55-6	1,1,1-Trichloroethane	6	U	UG/KG		B20,3/7	
	75-27-4	Bromodichloromethane	6	U	UG/KG		B20,3/7	
	75-34-3	1,1-Dichloroethane	6	U	UG/KG		B20,3/7	
	75-35-4	1,1-Dichloroethene	6	U	UG/KG		B20,3/7	
	78-87-5	1,2-Dichloropropane	6	U	UG/KG		B20,3/7	
	78-93-3	2-Butanone	12	U	UG/KG		B20,3/7	
	79-00-5	1,1,2-Trichloroethane	6	U	UG/KG		B20,3/7	
	75-25-2	Bromoform	6	U	UG/KG		B20,3/7	
	75-15-0	Carbon disulfide	6	U	UG/KG		B20,3/7	
	74-83-9	Bromomethane	12	U	UG/KG		B20,3/7	
	75-09-2	Methylene chloride	12	B	UG/KG		B20,3/7	
	75-01-4	Vinyl chloride	12	U	UG/KG		B20,3/7	
	75-00-3	Chloroethane	12	U	UG/KG		B20,3/7	
	74-87-3	Chloromethane	12	U	UG/KG		B20,3/7	
	67-66-3	Chloroform	6	U	UG/KG		B20,3/7	
	67-64-1	Acetone	48	B	UG/KG		B20,3/7	
	57-12-5	Cyanide	.5	U	MG/KG	WW 037	B20,3/7	

3 10 01092

APPENDIX A
ANALYTICAL RESULTS

SAMPLE NUMBER	PARAMETER CODE	COMPOUND/ANALYTE	RESULTS	QUALIFIER	UNITS	PRODUCT CODE	SAMPLE LOCATION	FLAG
J.	7439-92-1	Lead	4.3	G	MG/KG	AG 704	B14,7/11	TRG
	7782-49-2	Selenium	.5	UWN	MG/KG		B14,7/11	
	7440-38-2	Arsenic	2	UWN	MG/KG		B14,7/11	
	7440-28-0	Thallium	.2	UW	MG/KG		B14,7/11	
	IT0-003	% Solids	84		% SOLIDS	AP 706	B14,7/11	
	7440-39-3	Barium	15.8	B	MG/KG		B14,7/11	
	7440-36-0	Antimony	4	UN	MG/KG		B14,7/11	
	7440-43-9	Cadmium	.6	U	MG/KG		B14,7/11	
	7440-47-3	Chromium	4	*	MG/KG		B14,7/11	
	7440-48-4	Cobalt	2	U	MG/KG		B14,7/11	
	7440-50-8	Copper	4	B	MG/KG		B14,7/11	
	7440-62-2	Vanadium	8	B	MG/KG		B14,7/11	
	7440-66-6	Zinc	3.3	B	MG/KG		B14,7/11	
	7440-70-2	Calcium	235	B	MG/KG		B14,7/11	
	7440-41-7	Beryllium	.1	B	MG/KG		B14,7/11	
	7440-23-5	Sodium	24	U	MG/KG		B14,7/11	
	7439-89-6	Iron	4300	*	MG/KG		B14,7/11	
	7440-22-4	Silver	2.1	N	MG/KG		B14,7/11	
	7440-09-7	Potassium	119	U	MG/KG		B14,7/11	
	7440-02-0	Nickel	2	U	MG/KG		B14,7/11	
	7439-96-5	Manganese	2.1	B*	MG/KG		B14,7/11	
	7439-95-4	Magnesium	127	B	MG/KG		B14,7/11	
	7429-90-5	Aluminum	5540	*	MG/KG		B14,7/11	
	7439-97-6	Mercury	.02	UN	MG/KG	AV 006	B14,7/11	
	50-29-3	4,4'-DDT	19	U	UG/KG	GC 723	B14,7/11	
	8001-35-2	Toxaphene	190	U	UG/KG		B14,7/11	
	319-84-6	alpha-BHC	9.4	U	UG/KG		B14,7/11	
	11096-82-5	Aroclor-1260	190	U	UG/KG		B14,7/11	
	11097-69-1	Aroclor-1254	190	U	UG/KG		B14,7/11	
	11104-28-2	Aroclor-1221	94	U	UG/KG		B14,7/11	
	11141-16-5	Aroclor-1232	94	U	UG/KG		B14,7/11	
	12672-29-6	Aroclor-1248	94	U	UG/KG		B14,7/11	
	12674-11-2	Aroclor-1016	94	U	UG/KG		B14,7/11	
	33213-65-9	Endosulfan II	19	U	UG/KG		B14,7/11	
	53469-21-9	Aroclor-1242	94	U	UG/KG		B14,7/11	
	53494-70-5	Endrin ketone	19	U	UG/KG		B14,7/11	
	319-85-7	beta-BHC	9.4	U	UG/KG		B14,7/11	
	319-86-8	delta-BHC	9.4	U	UG/KG		B14,7/11	
	959-98-8	Endosulfan-I	9.4	U	UG/KG		B14,7/11	
	1031-07-8	Endosulfan sulfate	19	U	UG/KG		B14,7/11	
	5103-71-9	alpha-Chlordane	94	U	UG/KG		B14,7/11	
	5103-74-2	gamma-Chlordane	94	U	UG/KG		B14,7/11	
	1024-57-3	Heptachlor epoxide	9.4	U	UG/KG		B14,7/11	
	309-00-2	Aldrin	9.4	U	UG/KG		B14,7/11	
	IT0-001	% Moisture	15		% MOISTURE		B14,7/11	
	76-44-8	Heptachlor	9.4	U	UG/KG		B14,7/11	
	72-55-9	4,4'-DDE	19	U	UG/KG		B14,7/11	
	72-20-8	Endrin	19	U	UG/KG		B14,7/11	
	72-54-8	4,4'-DDD	19	U	UG/KG		B14,7/11	
	72-43-5	Methoxychlor	94	U	UG/KG		B14,7/11	
	60-57-1	Dieldrin	19	U	UG/KG		B14,7/11	
	58-89-9	gamma-BHC (Lindane)	9.4	U	UG/KG		B14,7/11	

3 10 01093

APPENDIX A
ANALYTICAL RESULTS

SAMPLE NUMBER	PARAMETER CODE	COMPOUND/ANALYTE	RESULTS	QUALIFIER	UNITS	PRODUCT CODE	SAMPLE LOCATION	FLAG
J. [redacted]	50-32-8	Benzo(a)pyrene	380	U	UG/KG	ME 705	B14,7/11	TRG
	106-44-5	4-Methylphenol	380	U	UG/KG		B14,7/11	
	84-66-2	Diethyl phthalate	380	U	UG/KG		B14,7/11	
	84-74-2	Di-n-butyl phthalate	380	U	UG/KG		B14,7/11	
	85-01-8	Phenanthrene	380	U	UG/KG		B14,7/11	
	106-46-7	1,4-Dichlorobenzene	380	U	UG/KG		B14,7/11	
	106-47-8	4-Chloroaniline	380	U	UG/KG		B14,7/11	
	108-60-1	bis(2-Chloroisopropyl)ether	380	U	UG/KG		B14,7/11	
	108-95-2	Phenol	380	U	UG/KG		B14,7/11	
	111-44-4	bis(2-Chloroethyl)ether	380	U	UG/KG		B14,7/11	
	111-91-1	bis(2-Chloroethoxy)methane	380	U	UG/KG		B14,7/11	
	117-84-0	Di-n-octyl phthalate	380	U	UG/KG		B14,7/11	
	118-74-1	Hexachlorobenzene	380	U	UG/KG		B14,7/11	
	120-12-7	Anthracene	380	U	UG/KG		B14,7/11	
	120-83-2	2,4-Dichlorophenol	380	U	UG/KG		B14,7/11	
	121-14-2	2,4-Dinitrotoluene	380	U	UG/KG		B14,7/11	
	129-00-0	Pyrene	380	U	UG/KG		B14,7/11	
	132-64-9	Dibenzofuran	380	U	UG/KG		B14,7/11	
	191-24-2	Benzo(g,h,i)perylene	380	U	UG/KG		B14,7/11	
	193-39-5	Indeno(1,2,3-cd)pyrene	380	U	UG/KG		B14,7/11	
	206-44-0	Fluoranthene	380	U	UG/KG		B14,7/11	
	207-08-9	Benzo(k)fluoranthene	380	U	UG/KG		B14,7/11	
	208-96-8	Acenaphthylene	380	U	UG/KG		B14,7/11	
	534-52-1	4,6-Dinitro-2-methylphenol	1900	U	UG/KG		B14,7/11	
	541-73-1	1,3-Dichlorobenzene	380	U	UG/KG		B14,7/11	
[redacted]	606-20-2	2,6-Dinitrotoluene	380	U	UG/KG		B14,7/11	
	7005-72-3	4-Chlorophenylphenyl ether	380	U	UG/KG		B14,7/11	
	621-64-7	N-Nitroso-di-n-propylamine	380	U	UG/KG		B14,7/11	
	218-01-9	Chrysene	380	U	UG/KG		B14,7/11	
	205-99-2	Benzo(b)fluoranthene	380	U	UG/KG		B14,7/11	
	131-11-3	Dimethyl phthalate	380	U	UG/KG		B14,7/11	
	120-82-1	1,2,4-Trichlorobenzene	380	U	UG/KG		B14,7/11	
	117-81-7	bis(2-Ethylhexyl) phthalate	910	B	UG/KG		B14,7/11	
	91-20-3	Naphthalene	380	U	UG/KG		B14,7/11	
	91-57-6	2-Methylnaphthalene	380	U	UG/KG		B14,7/11	
	91-58-7	2-Chloronaphthalene	380	U	UG/KG		B14,7/11	
	95-50-1	1,2-Dichlorobenzene	380	U	UG/KG		B14,7/11	
	95-57-8	2-Chlorophenol	380	U	UG/KG		B14,7/11	
	95-95-4	2,4,5-Trichlorophenol	1900	U	UG/KG		B14,7/11	
	98-95-3	Nitrobenzene	380	U	UG/KG		B14,7/11	
	IT0-001	% Moisture	15		% MOISTURE		B14,7/11	
	100-01-6	4-Nitroaniline	1900	U	UG/KG		B14,7/11	
	100-02-7	4-Nitrophenol	1900	U	UG/KG		B14,7/11	
	99-09-2	3-Nitroaniline	1900	U	UG/KG		B14,7/11	
	100-51-6	Benzyl alcohol	380	U	UG/KG		B14,7/11	
	101-55-3	4-Bromophenyl phenyl ether	380	U	UG/KG		B14,7/11	
	95-48-7	2-Methylphenol	380	U	UG/KG		B14,7/11	
	91-94-1	3,3'-Dichlorobenzidine	760	U	UG/KG		B14,7/11	
	85-68-7	Butyl benzyl phthalate	380	U	UG/KG		B14,7/11	
	105-67-9	2,4-Dimethylphenol	380	U	UG/KG		B14,7/11	
[redacted]	86-30-6	N-Nitrosodiphenylamine	380	U	UG/KG		B14,7/11	
	86-73-7	Fluorene	380	U	UG/KG		B14,7/11	
	87-68-3	Hexachlorobutadiene	380	U	UG/KG		B14,7/11	
	87-86-5	Pentachlorophenol	1900	U	UG/KG		B14,7/11	
	88-06-2	2,4,6-Trichlorophenol	380	U	UG/KG		B14,7/11	
	88-75-5	2-Nitrophenol	380	U	UG/KG		B14,7/11	

3 10 01094

APPENDIX A
ANALYTICAL RESULTS

SAMPLE NUMBER	PARAMETER CODE	COMPOUND/ANALYTE	RESULTS	QUALIFIER	UNITS	PRODUCT CODE	SAMPLE LOCATION	FLAG
[redacted]	88-74-4	2-Nitroaniline	1900	U	UG/KG	ME 705	B14,7/11	TRG
	83-32-9	Acenaphthene	380	U	UG/KG		B14,7/11	
	78-59-1	Isophorone	380	U	UG/KG		B14,7/11	
	53-70-3	Dibenzo(a,h)anthracene	380	U	UG/KG		B14,7/11	
	77-47-4	Hexachlorocyclopentadiene	380	U	UG/KG		B14,7/11	
	67-72-1	Hexachloroethane	380	U	UG/KG		B14,7/11	
	65-85-0	Benzoic acid	1900	U	UG/KG		B14,7/11	
	59-50-7	4-Chloro-3-methylphenol	380	U	UG/KG		B14,7/11	
	56-55-3	Benzo(a)anthracene	380	U	UG/KG		B14,7/11	
	51-28-5	2,4-Dinitrophenol	1900	U	UG/KG		B14,7/11	
	56-23-5	Carbon Tetrachloride	6	U	UG/KG	MV 705	B14,7/11	
	71-43-2	Benzene	6	U	UG/KG		B14,7/11	
	IT0-001	% Moisture	15		% MOISTURE		B14,7/11	
	100-41-4	Ethylbenzene	6	U	UG/KG		B14,7/11	
	100-42-5	Styrene	6	U	UG/KG		B14,7/11	
	108-05-4	Vinyl Acetate	12	U	UG/KG		B14,7/11	
	108-10-1	4-Methyl-2-pentanone	12	U	UG/KG		B14,7/11	
	108-88-3	Toluene	5	J	UG/KG		B14,7/11	
	124-48-1	Dibromochloromethane	6	U	UG/KG		B14,7/11	
	127-18-4	Tetrachloroethene	6	U	UG/KG		B14,7/11	
	540-59-0	1,2-Dichloroethylene	6	U	UG/KG		B14,7/11	
	591-78-6	2-Hexanone	12	U	UG/KG		B14,7/11	
	1330-20-7	Total xylenes	6	U	UG/KG		B14,7/11	
	10061-01-5	cis-1,3-Dichloropropene	6	U	UG/KG		B14,7/11	
	10061-02-6	trans-1,3-Dichloropropene	6	U	UG/KG		B14,7/11	
	108-90-7	Chlorobenzene	6	U	UG/KG		B14,7/11	
	107-06-2	1,2-Dichloroethane	6	U	UG/KG		B14,7/11	
	71-55-6	1,1,1-Trichloroethane	6	U	UG/KG		B14,7/11	
	75-25-2	Bromoform	6	U	UG/KG		B14,7/11	
	75-34-3	1,1-Dichloroethane	6	U	UG/KG		B14,7/11	
	75-35-4	1,1-Dichloroethene	6	U	UG/KG		B14,7/11	
	78-93-3	2-Butanone	12		UG/KG		B14,7/11	
	79-00-5	1,1,2-Trichloroethane	6	U	UG/KG		B14,7/11	
	79-01-6	Trichloroethene	6	U	UG/KG		B14,7/11	
	79-34-5	1,1,2,2-Tetrachloroethane	6	U	UG/KG		B14,7/11	
	78-87-5	1,2-Dichloropropane	6	U	UG/KG		B14,7/11	
	75-27-4	Bromodichloromethane	6	U	UG/KG		B14,7/11	
	74-83-9	Bromomethane	12	U	UG/KG		B14,7/11	
	75-15-0	Carbon disulfide	6	U	UG/KG		B14,7/11	
	75-09-2	Methylene chloride	16	B	UG/KG		B14,7/11	
	75-01-4	Vinyl chloride	12	U	UG/KG		B14,7/11	
	75-00-3	Chloroethane	12	U	UG/KG		B14,7/11	
	74-87-3	Chloromethane	12	U	UG/KG		B14,7/11	
	67-66-3	Chloroform	6	U	UG/KG		B14,7/11	
	67-64-1	Acetone	44	B	UG/KG		B14,7/11	
	57-12-5	Cyanide	.6	U	MG/KG	WW 037	B14,7/11	

3 10 01095

APPENDIX A
ANALYTICAL RESULTS

SAMPLE NUMBER	PARAMETER CODE	COMPOUND/ANALYTE	RESULTS	QUALIFIER	UNITS	PRODUCT CODE	SAMPLE LOCATION	FLAG
	7439-92-1	Lead	7.4		MG/KG	AG 704	B19,3/7	TRG
	7782-49-2	Selenium	.7	BS	MG/KG		B19,3/7	
	7440-38-2	Arsenic	.3	U	MG/KG		B19,3/7	
	7440-28-0	Thallium	.2	U	MG/KG		B19,3/7	
	IT0-003	% Solids	84.5		% SOLIDS	AP 706	B19,3/7	
	7439-95-4	Magnesium	107	B	MG/KG		B19,3/7	
	7439-96-5	Manganese	9.2		MG/KG		B19,3/7	
	7440-43-9	Cadmium	.6		MG/KG		B19,3/7	
	7440-47-3	Chromium	5		MG/KG		B19,3/7	
	7440-48-4	Cobalt	2	U	MG/KG		B19,3/7	
	7440-50-8	Copper	4	B	MG/KG		B19,3/7	
	7440-62-2	Vanadium	17		MG/KG		B19,3/7	
	7440-66-6	Zinc	4.6		MG/KG		B19,3/7	
	7440-70-2	Calcium	834	B	MG/KG		B19,3/7	
	7440-41-7	Beryllium	.3	B	MG/KG		B19,3/7	
	7440-02-0	Nickel	2	U	MG/KG		B19,3/7	
	7440-09-7	Potassium	118	U	MG/KG		B19,3/7	
	7440-39-3	Barium	50.2		MG/KG		B19,3/7	
	7440-36-0	Antimony	4	U	MG/KG		B19,3/7	
	7440-23-5	Sodium	88	B	MG/KG		B19,3/7	
	7440-22-4	Silver	.6	B	MG/KG		B19,3/7	
	7439-89-6	Iron	5030		MG/KG		B19,3/7	
	7429-90-5	Aluminum	4780		MG/KG		B19,3/7	
	7439-97-6	Mercury	.03		MG/KG	AV 006	B19,3/7	
	50-29-3	4,4'-DDT	19	U	UG/KG	GC 723	B19,3/7	
	IT0-001	% Moisture	18		% MOISTURE		B19,3/7	
	309-00-2	Aldrin	9.7	U	UG/KG		B19,3/7	
	8001-35-2	Toxaphene	190	U	UG/KG		B19,3/7	
	11096-82-5	Aroclor-1260	190	U	UG/KG		B19,3/7	
	11097-69-1	Aroclor-1254	190	U	UG/KG		B19,3/7	
	11141-16-5	Aroclor-1232	97	U	UG/KG		B19,3/7	
	11104-28-2	Aroclor-1221	97	U	UG/KG		B19,3/7	
	12672-29-6	Aroclor-1248	97	U	UG/KG		B19,3/7	
	12674-11-2	Aroclor-1016	97	U	UG/KG		B19,3/7	
	33213-65-9	Endosulfan II	19	U	UG/KG		B19,3/7	
	53469-21-9	Aroclor-1242	97	U	UG/KG		B19,3/7	
	53494-70-5	Endrin ketone	19	U	UG/KG		B19,3/7	
	319-84-6	alpha-BHC	9.7	U	UG/KG		B19,3/7	
	319-85-7	beta-BHC	9.7	U	UG/KG		B19,3/7	
	319-86-8	delta-BHC	9.7	U	UG/KG		B19,3/7	
	959-98-8	Endosulfan-I	9.7	U	UG/KG		B19,3/7	
	1024-57-3	Heptachlor epoxide	9.7	U	UG/KG		B19,3/7	
	1031-07-8	Endosulfan sulfate	19	U	UG/KG		B19,3/7	
	5103-74-2	gamma-Chlordane	97	U	UG/KG		B19,3/7	
	5103-71-9	alpha-Chlordane	97	U	UG/KG		B19,3/7	
	60-57-1	Dieldrin	19	U	UG/KG		B19,3/7	
	72-55-9	4,4'-DDE	19	U	UG/KG		B19,3/7	
	76-44-8	Heptachlor	9.7	U	UG/KG		B19,3/7	
	72-54-8	4,4'-DDD	19	U	UG/KG		B19,3/7	
	72-43-5	Methoxychlor	97	U	UG/KG		B19,3/7	
	72-20-8	Endrin	19	U	UG/KG		B19,3/7	
	58-89-9	gamma-BHC (Lindane)	9.7	U	UG/KG		B19,3/7	

APPENDIX A
ANALYTICAL RESULTS

3 10 01096

SAMPLE NUMBER	PARAMETER CODE	COMPOUND/ANALYTE	RESULTS	QUALIFIER	UNITS	PRODUCT CODE	SAMPLE LOCATION	FLAG
J	50-32-8	Benzo(a)pyrene	400	U	UG/KG	ME 705	B19,3/7	TRG
	56-55-3	Benzo(a)anthracene	400	U	UG/KG		B19,3/7	
	100-02-7	4-Nitrophenol	1900	U	UG/KG		B19,3/7	
	100-51-6	Benzyl alcohol	400	U	UG/KG		B19,3/7	
	105-67-9	2,4-Dimethylphenol	400	U	UG/KG		B19,3/7	
	106-44-5	4-Methylphenol	400	U	UG/KG		B19,3/7	
	106-46-7	1,4-Dichlorobenzene	400	U	UG/KG		B19,3/7	
	108-60-1	bis(2-Chloroisopropyl)ether	400	U	UG/KG		B19,3/7	
	108-95-2	Phenol	400	U	UG/KG		B19,3/7	
	111-44-4	bis(2-Chloroethyl)ether	400	U	UG/KG		B19,3/7	
	117-81-7	bis(2-Ethylhexyl) phthalate	790	B	UG/KG		B19,3/7	
	117-84-0	Di-n-octyl phthalate	400	U	UG/KG		B19,3/7	
	118-74-1	Hexachlorobenzene	400	U	UG/KG		B19,3/7	
	120-82-1	1,2,4-Trichlorobenzene	400	U	UG/KG		B19,3/7	
	120-83-2	2,4-Dichlorophenol	400	U	UG/KG		B19,3/7	
	121-14-2	2,4-Dinitrotoluene	400	U	UG/KG		B19,3/7	
	131-11-3	Dimethyl phthalate	400	U	UG/KG		B19,3/7	
	132-64-9	Dibenzofuran	400	U	UG/KG		B19,3/7	
	191-24-2	Benzo(g,h,i)perylene	400	U	UG/KG		B19,3/7	
	205-99-2	Benzo(b)fluoranthene	400	U	UG/KG		B19,3/7	
	206-44-0	Fluoranthene	400	U	UG/KG		B19,3/7	
	207-08-9	Benzo(k)fluoranthene	400	U	UG/KG		B19,3/7	
	218-01-9	Chrysene	400	U	UG/KG		B19,3/7	
	534-52-1	4,6-Dinitro-2-methylphenol	1900	U	UG/KG		B19,3/7	
	541-73-1	1,3-Dichlorobenzene	400	U	UG/KG		B19,3/7	
	621-64-7	N-Nitroso-di-n-propylamine	400	U	UG/KG		B19,3/7	
	7005-72-3	4-Chlorophenylphenyl ether	400	U	UG/KG		B19,3/7	
	606-20-2	2,6-Dinitrotoluene	400	U	UG/KG		B19,3/7	
	208-96-8	Acenaphthylene	400	U	UG/KG		B19,3/7	
	193-39-5	Indeno(1,2,3-cd)pyrene	400	U	UG/KG		B19,3/7	
	129-00-0	Pyrene	400	U	UG/KG		B19,3/7	
	120-12-7	Anthracene	400	U	UG/KG		B19,3/7	
	111-91-1	bis(2-Chloroethoxy)methane	400	U	UG/KG		B19,3/7	
	106-47-8	4-Chloroaniline	400	U	UG/KG		B19,3/7	
	101-55-3	4-Bromophenyl phenyl ether	400	U	UG/KG		B19,3/7	
	88-06-2	2,4,6-Trichlorophenol	400	U	UG/KG		B19,3/7	
	88-74-4	2-Nitroaniline	1900	U	UG/KG		B19,3/7	
	88-75-5	2-Nitrophenol	400	U	UG/KG		B19,3/7	
	91-20-3	Naphthalene	400	U	UG/KG		B19,3/7	
	91-57-6	2-Methylnaphthalene	400	U	UG/KG		B19,3/7	
	91-58-7	2-Chloronaphthalene	400	U	UG/KG		B19,3/7	
	59-50-7	4-Chloro-3-methylphenol	400	U	UG/KG		B19,3/7	
	85-01-8	Phenanthrene	400	U	UG/KG		B19,3/7	
	91-94-1	3,3'-Dichlorobenzidine	800	U	UG/KG		B19,3/7	
	95-48-7	2-Methylphenol	400	U	UG/KG		B19,3/7	
	95-50-1	1,2-Dichlorobenzene	400	U	UG/KG		B19,3/7	
	95-57-8	2-Chlorophenol	400	U	UG/KG		B19,3/7	
	95-95-4	2,4,5-Trichlorophenol	1900	U	UG/KG		B19,3/7	
	85-68-7	Butyl benzyl phthalate	400	U	UG/KG		B19,3/7	
	98-95-3	Nitrobenzene	400	U	UG/KG		B19,3/7	
	99-09-2	3-Nitroaniline	1900	U	UG/KG		B19,3/7	
	ITO-001	% Moisture	18		% MOISTURE		B19,3/7	
	100-01-6	4-Nitroaniline	1900	U	UG/KG		B19,3/7	
	86-30-6	N-Nitrosodiphenylamine	180	BJ	UG/KG		B19,3/7	
	86-73-7	Fluorene	400	U	UG/KG		B19,3/7	
	87-86-5	Pentachlorophenol	1900	U	UG/KG		B19,3/7	

APPENDIX A
ANALYTICAL RESULTS

3 10 01097

SAMPLE NUMB	PARAMETER CODE	COMPOUND/ANALYTE	RESULTS	QUALIFIER	UNITS	PRODUCT CODE	SAMPLE LOCATION	FLAG
	87-68-3	Hexachlorobutadiene	400	U	UG/KG	ME 705	B19,3/7	TRG
	84-74-2	Di-n-butyl phthalate	400	U	UG/KG		B19,3/7	
	84-66-2	Diethyl phthalate	400	U	UG/KG		B19,3/7	
	65-85-0	Benzoic acid	200	JB	UG/KG		B19,3/7	
	83-32-9	Acenaphthene	400	U	UG/KG		B19,3/7	
	78-59-1	Isophorone	400	U	UG/KG		B19,3/7	
	77-47-4	Hexachlorocyclopentadiene	400	U	UG/KG		B19,3/7	
	67-72-1	Hexachloroethane	400	U	UG/KG		B19,3/7	
	53-70-3	Dibenzo(a,h)anthracene	400	U	UG/KG		B19,3/7	
	51-28-5	2,4-Dinitrophenol	1900	U	UG/KG		B19,3/7	
	56-23-5	Carbon Tetrachloride	6	U	UG/KG	MV 705	B19,3/7	
	67-66-3	Chloroform	6	U	UG/KG		B19,3/7	
	71-43-2	Benzene	6	U	UG/KG		B19,3/7	
	79-00-5	1,1,2-Trichloroethane	6	U	UG/KG		B19,3/7	
	79-01-6	Trichloroethene	6	U	UG/KG		B19,3/7	
	100-41-4	Ethylbenzene	6	U	UG/KG		B19,3/7	
	ITO-001	% Moisture	18		% MOISTURE		B19,3/7	
	79-34-5	1,1,2,2-Tetrachloroethane	6	U	UG/KG		B19,3/7	
	100-42-5	Styrene	6	U	UG/KG		B19,3/7	
	107-06-2	1,2-Dichloroethane	6	U	UG/KG		B19,3/7	
	108-05-4	Vinyl Acetate	12	U	UG/KG		B19,3/7	
	108-10-1	4-Methyl-2-pentanone	12	U	UG/KG		B19,3/7	
	108-88-3	Toluene	2	J	UG/KG		B19,3/7	
	108-90-7	Chlorobenzene	6	U	UG/KG		B19,3/7	
	127-18-4	Tetrachloroethene	6	U	UG/KG		B19,3/7	
	540-59-0	1,2-Dichloroethylene	6	U	UG/KG		B19,3/7	
	591-78-6	2-Hexanone	12	U	UG/KG		B19,3/7	
	10061-01-5	cis-1,3-Dichloropropene	6	U	UG/KG		B19,3/7	
	10061-02-6	trans-1,3-Dichloropropene	6	U	UG/KG		B19,3/7	
	1330-20-7	Total xylenes	6	U	UG/KG		B19,3/7	
	124-48-1	Dibromochloromethane	6	U	UG/KG		B19,3/7	
	75-25-2	Bromoform	6	U	UG/KG		B19,3/7	
	75-27-4	Bromodichloromethane	6	U	UG/KG		B19,3/7	
	75-34-3	1,1-Dichloroethane	6	U	UG/KG		B19,3/7	
	75-35-4	1,1-Dichloroethene	6	U	UG/KG		B19,3/7	
	78-87-5	1,2-Dichloropropane	6	U	UG/KG		B19,3/7	
	75-15-0	Carbon disulfide	6	U	UG/KG		B19,3/7	
	78-93-3	2-Butanone	12	U	UG/KG		B19,3/7	
	75-00-3	Chloroethane	12	U	UG/KG		B19,3/7	
	74-87-3	Chloromethane	12	U	UG/KG		B19,3/7	
	75-09-2	Methylene chloride	16	B	UG/KG		B19,3/7	
	75-01-4	Vinyl chloride	12	U	UG/KG		B19,3/7	
	74-83-9	Bromomethane	12	U	UG/KG		B19,3/7	
	71-55-6	1,1,1-Trichloroethane	6	U	UG/KG		B19,3/7	
	67-64-1	Acetone	18	B	UG/KG		B19,3/7	
	57-12-5	Cyanide	.6	U	MG/KG	WW 037	B19,3/7	

3 10 01098

APPENDIX A
ANALYTICAL RESULTS

SAMPLE NUMBER	PARAMETER CODE	COMPOUND/ANALYTE	RESULTS	QUALIFIER	UNITS	PRODUCT CODE	SAMPLE LOCATION	FLAG
Jt	7439-92-1	Lead	5.2		MG/KG	AG 704	B19,7/11	TRG
	7782-49-2	Selenium	.2	US	MG/KG		B19,7/11	
	7440-38-2	Arsenic	.3	U	MG/KG		B19,7/11	
	7440-28-0	Thallium	.2	U	MG/KG		B19,7/11	
	IT0-003	% Solids	85.3		% SOLIDS	AP 706	B19,7/11	
	7439-95-4	Magnesium	194		MG/KG		B19,7/11	
	7439-96-5	Manganese	4.7		MG/KG		B19,7/11	
	7440-43-9	Cadmium	.6	U	MG/KG		B19,7/11	
	7440-47-3	Chromium	8		MG/KG		B19,7/11	
	7440-48-4	Cobalt	2	U	MG/KG		B19,7/11	
	7440-50-8	Copper	5		MG/KG		B19,7/11	
	7440-62-2	Vanadium	13		MG/KG		B19,7/11	
	7440-66-6	Zinc	10		MG/KG		B19,7/11	
	7440-70-2	Calcium	204	B	MG/KG		B19,7/11	
	7440-41-7	Beryllium	.3	B	MG/KG		B19,7/11	
	7440-02-0	Nickel	2	B	MG/KG		B19,7/11	
	7440-09-7	Potassium	117	U	MG/KG		B19,7/11	
	7440-39-3	Barium	55.7		MG/KG		B19,7/11	
	7440-36-0	Antimony	4	U	MG/KG		B19,7/11	
	7440-23-5	Sodium	161	B	MG/KG		B19,7/11	
	7440-22-4	Silver	.6	U	MG/KG		B19,7/11	
	7439-89-6	Iron	3470		MG/KG		B19,7/11	
	7429-90-5	Aluminum	9600		MG/KG		B19,7/11	
	7439-97-6	Mercury	.03	U	MG/KG	AV 006	B19,7/11	
	50-29-3	4,4'-DDT	18	U	UG/KG	GC 723	B19,7/11	
	60-57-1	Dieldrin	18	U	UG/KG		B19,7/11	
	5103-74-2	gamma-Chlordane	91	U	UG/KG		B19,7/11	
	8001-35-2	Toxaphene	180	U	UG/KG		B19,7/11	
	11096-82-5	Aroclor-1260	180	U	UG/KG		B19,7/11	
	11097-69-1	Aroclor-1254	180	U	UG/KG		B19,7/11	
	11104-28-2	Aroclor-1221	91	U	UG/KG		B19,7/11	
	11141-16-5	Aroclor-1232	91	U	UG/KG		B19,7/11	
	12672-29-6	Aroclor-1248	91	U	UG/KG		B19,7/11	
	33213-65-9	Endosulfan II	18	U	UG/KG		B19,7/11	
	53469-21-9	Aroclor-1242	91	U	UG/KG		B19,7/11	
	53494-70-5	Endrin ketone	18	U	UG/KG		B19,7/11	
	12674-11-2	Aroclor-1016	91	U	UG/KG		B19,7/11	
	72-20-8	Endrin	18	U	UG/KG		B19,7/11	
	319-85-7	beta-BHC	9.1	U	UG/KG		B19,7/11	
	319-84-6	alpha-BHC	9.1	U	UG/KG		B19,7/11	
	319-86-8	delta-BHC	9.1	U	UG/KG		B19,7/11	
	959-98-8	Endosulfan-I	9.1	U	UG/KG		B19,7/11	
	1024-57-3	Heptachlor epoxide	9.1	U	UG/KG		B19,7/11	
	1031-07-8	Endosulfan sulfate	18	U	UG/KG		B19,7/11	
	5103-71-9	alpha-Chlordane	91	U	UG/KG		B19,7/11	
	IT0-001	% Moisture	13		% MOISTURE		B19,7/11	
	76-44-8	Heptachlor	9.1	U	UG/KG		B19,7/11	
	309-00-2	Aldrin	9.1	U	UG/KG		B19,7/11	
	72-55-9	4,4'-DDE	18	U	UG/KG		B19,7/11	
	72-54-8	4,4'-DDD	18	U	UG/KG		B19,7/11	
	72-43-5	Methoxychlor	91	U	UG/KG		B19,7/11	
	58-89-9	gamma-BHC (Lindane)	9.1	U	UG/KG		B19,7/11	

APPENDIX A
ANALYTICAL RESULTS

3 10 01099

SAMPLE NUMBER	PARAMETER CODE	COMPOUND/ANALYTE	RESULTS	QUALIFIER	UNITS	PRODUCT CODE	SAMPLE LOCATION	FLAG
	50-32-8	Benzo(a)pyrene	380	U	UG/KG	ME 705	B19,7/11	TRG
	100-51-6	Benzyl alcohol	380	U	UG/KG		B19,7/11	
	101-55-3	4-Bromophenyl phenyl ether	380	U	UG/KG		B19,7/11	
	105-67-9	2,4-Dimethylphenol	380	U	UG/KG		B19,7/11	
	106-46-7	1,4-Dichlorobenzene	380	U	UG/KG		B19,7/11	
	106-47-8	4-Chloroaniline	380	U	UG/KG		B19,7/11	
	108-60-1	bis(2-Chloroisopropyl)ether	380	U	UG/KG		B19,7/11	
	111-44-4	bis(2-Chloroethyl)ether	380	U	UG/KG		B19,7/11	
	111-91-1	bis(2-Chloroethoxy)methane	380	U	UG/KG		B19,7/11	
	117-81-7	bis(2-Ethylhexyl) phthalate	620	B	UG/KG		B19,7/11	
	118-74-1	Hexachlorobenzene	380	U	UG/KG		B19,7/11	
	120-12-7	Anthracene	380	U	UG/KG		B19,7/11	
	120-82-1	1,2,4-Trichlorobenzene	380	U	UG/KG		B19,7/11	
	121-14-2	2,4-Dinitrotoluene	380	U	UG/KG		B19,7/11	
	129-00-0	Pyrene	380	U	UG/KG		B19,7/11	
	131-11-3	Dimethyl phthalate	380	U	UG/KG		B19,7/11	
	191-24-2	Benzo(g,h,i)perylene	380	U	UG/KG		B19,7/11	
	193-39-5	Indeno(1,2,3-cd)pyrene	380	U	UG/KG		B19,7/11	
	205-99-2	Benzo(b)fluoranthene	380	U	UG/KG		B19,7/11	
	207-08-9	Benzo(k)fluoranthene	380	U	UG/KG		B19,7/11	
	208-96-8	Acenaphthylene	380	U	UG/KG		B19,7/11	
	218-01-9	Chrysene	380	U	UG/KG		B19,7/11	
	541-73-1	1,3-Dichlorobenzene	380	U	UG/KG		B19,7/11	
	606-20-2	2,6-Dinitrotoluene	380	U	UG/KG		B19,7/11	
	621-64-7	N-Nitroso-di-n-propylamine	380	U	UG/KG		B19,7/11	
	7005-72-3	4-Chlorophenylphenyl ether	380	U	UG/KG		B19,7/11	
	534-52-1	4,6-Dinitro-2-methylphenol	1800	U	UG/KG		B19,7/11	
	206-44-0	Fluoranthene	380	U	UG/KG		B19,7/11	
	132-64-9	Dibenzofuran	380	U	UG/KG		B19,7/11	
	120-83-2	2,4-Dichlorophenol	380	U	UG/KG		B19,7/11	
	117-84-0	Di-n-octyl phthalate	380	U	UG/KG		B19,7/11	
	108-95-2	Phenol	380	U	UG/KG		B19,7/11	
	106-44-5	4-Methylphenol	380	U	UG/KG		B19,7/11	
	88-74-4	2-Nitroaniline	1800	U	UG/KG		B19,7/11	
	88-75-5	2-Nitrophenol	380	U	UG/KG		B19,7/11	
	91-20-3	Naphthalene	380	U	UG/KG		B19,7/11	
	91-57-6	2-Methylnaphthalene	380	U	UG/KG		B19,7/11	
	91-58-7	2-Chloronaphthalene	380	U	UG/KG		B19,7/11	
	56-55-3	Benzo(a)anthracene	380	U	UG/KG		B19,7/11	
	59-50-7	4-Chloro-3-methylphenol	380	U	UG/KG		B19,7/11	
	91-94-1	3,3'-Dichlorobenzidine	750	U	UG/KG		B19,7/11	
	65-85-0	Benzoic acid	1800	U	UG/KG		B19,7/11	
	85-68-7	Butyl benzyl phthalate	380	U	UG/KG		B19,7/11	
	86-30-6	N-Nitrosodiphenylamine	68	BJ	UG/KG		B19,7/11	
	95-48-7	2-Methylphenol	380	U	UG/KG		B19,7/11	
	95-50-1	1,2-Dichlorobenzene	380	U	UG/KG		B19,7/11	
	95-57-8	2-Chlorophenol	380	U	UG/KG		B19,7/11	
	98-95-3	Nitrobenzene	380	U	UG/KG		B19,7/11	
	99-09-2	3-Nitroaniline	1800	U	UG/KG		B19,7/11	
	IT0-001	% Moisture	13		% MOISTURE		B19,7/11	
	100-01-6	4-Nitroaniline	1800	U	UG/KG		B19,7/11	
	100-02-7	4-Nitrophenol	1800	U	UG/KG		B19,7/11	
	95-95-4	2,4,5-Trichlorophenol	1800	U	UG/KG		B19,7/11	
	86-73-7	Fluorene	380	U	UG/KG		B19,7/11	
	87-68-3	Hexachlorobutadiene	380	U	UG/KG		B19,7/11	
	88-06-2	2,4,6-Trichlorophenol	380	U	UG/KG		B19,7/11	

3 10 01100

APPENDIX A
ANALYTICAL RESULTS

SAMPLE NUMBER	PARAMETER CODE	COMPOUND/ANALYTE	RESULTS	QUALIFIER	UNITS	PRODUCT CODE	SAMPLE LOCATION	FLAG
J.	87-86-5	**Pentachlorophenol**	1800	U	UG/KG	ME 705	B19,7/11	TRG
	85-01-8	Phenanthrene	380	U	UG/KG		B19,7/11	
	84-74-2	Di-n-butyl phthalate	380	U	UG/KG		B19,7/11	
	67-72-1	Hexachloroethane	380	U	UG/KG		B19,7/11	
	84-66-2	Diethyl phthalate	380	U	UG/KG		B19,7/11	
	83-32-9	Acenaphthene	380	U	UG/KG		B19,7/11	
	78-59-1	Isophorone	380	U	UG/KG		B19,7/11	
	77-47-4	Hexachlorocyclopentadiene	380	U	UG/KG		B19,7/11	
	53-70-3	Dibenzo(a,h)anthracene	380	U	UG/KG		B19,7/11	
	51-28-5	2,4-Dinitrophenol	1800	U	UG/KG		B19,7/11	
	56-23-5	Carbon Tetrachloride	6	U	UG/KG	MV 705	B19,7/11	
	79-00-5	1,1,2-Trichloroethane	6	U	UG/KG		B19,7/11	
	79-01-6	Trichloroethene	6	U	UG/KG		B19,7/11	
	79-34-5	1,1,2,2-Tetrachloroethane	6	U	UG/KG		B19,7/11	
	IT0-001	% Moisture	13		% MOISTURE		B19,7/11	
	100-41-4	Ethylbenzene	6	U	UG/KG		B19,7/11	
	100-42-5	Styrene	6	U	UG/KG		B19,7/11	
	107-06-2	1,2-Dichloroethane	6	U	UG/KG		B19,7/11	
	108-05-4	Vinyl Acetate	11	U	UG/KG		B19,7/11	
	108-10-1	4-Methyl-2-pentanone	11	U	UG/KG		B19,7/11	
	108-88-3	Toluene	4	J	UG/KG		B19,7/11	
	108-90-7	Chlorobenzene	6	U	UG/KG		B19,7/11	
	127-18-4	Tetrachloroethene	6	U	UG/KG		B19,7/11	
	540-59-0	1,2-Dichloroethylene	6	U	UG/KG		B19,7/11	
	591-78-6	2-Hexanone	11	U	UG/KG		B19,7/11	
	10061-01-5	cis-1,3-Dichloropropene	6	U	UG/KG		B19,7/11	
	10061-02-6	trans-1,3-Dichloropropene	6	U	UG/KG		B19,7/11	
	1330-20-7	Total xylenes	6	U	UG/KG		B19,7/11	
	124-48-1	Dibromochloromethane	6	U	UG/KG		B19,7/11	
	67-66-3	Chloroform	6	U	UG/KG		B19,7/11	
	75-15-0	Carbon disulfide	6	U	UG/KG		B19,7/11	
	75-25-2	Bromoform	6	U	UG/KG		B19,7/11	
	75-27-4	Bromodichloromethane	6	U	UG/KG		B19,7/11	
	75-34-3	1,1-Dichloroethane	6	U	UG/KG		B19,7/11	
	75-35-4	1,1-Dichloroethene	6	U	UG/KG		B19,7/11	
	78-87-5	1,2-Dichloropropane	6	U	UG/KG		B19,7/11	
	78-93-3	2-Butanone	11	U	UG/KG		B19,7/11	
	75-09-2	**Methylene chloride**	13	B	UG/KG		B19,7/11	
	75-01-4	**Vinyl chloride**	11	U	UG/KG		B19,7/11	
	75-00-3	**Chloroethane**	11	U	UG/KG		B19,7/11	
	74-87-3	**Chloromethane**	11	U	UG/KG		B19,7/11	
	74-83-9	**Bromomethane**	11	U	UG/KG		B19,7/11	
	71-55-6	1,1,1-Trichloroethane	6	U	UG/KG		B19,7/11	
	71-43-2	Benzene	6	U	UG/KG		B19,7/11	
	67-64-1	Acetone	24	B	UG/KG		B19,7/11	
	57-12-5	Cyanide	.6	U	MG/KG	WW 037	B19,7/11	

APPENDIX A
ANALYTICAL RESULTS

3 10 01101

SAMPLE NUMBER	PARAMETER CODE	COMPOUND/ANALYTE	RESULTS	QUALIFIER	UNITS	PRODUCT CODE	SAMPLE LOCATION	FLAG
J6	7439-92-1	Lead	4.7		MG/KG	AG 704	B19,11/15	TRG
	7782-49-2	Selenium	2	+	MG/KG		B19,11/15	
	7440-38-2	Arsenic	.3	UW	MG/KG		B19,11/15	
	7440-28-0	Thallium	.2	U	MG/KG		B19,11/15	
	ITO-003	% Solids	82		% SOLIDS	AP 706	B19,11/15	
	7440-39-3	Barium	54.1		MG/KG		B19,11/15	
	7440-41-7	Beryllium	.3	B	MG/KG		B19,11/15	
	7440-43-9	Cadmium	.6	U	MG/KG		B19,11/15	
	7440-47-3	Chromium	8		MG/KG		B19,11/15	
	7440-50-8	Copper	4	B	MG/KG		B19,11/15	
	7440-62-2	Vanadium	12		MG/KG		B19,11/15	
	7440-66-6	Zinc	10.4		MG/KG		B19,11/15	
	7440-48-4	Cobalt	2	U	MG/KG		B19,11/15	
	7440-70-2	Calcium	746	B	MG/KG		B19,11/15	
	7440-36-0	Antimony	4	U	MG/KG		B19,11/15	
	7440-23-5	Sodium	120	B	MG/KG		B19,11/15	
	7439-89-6	Iron	2480		MG/KG		B19,11/15	
	7440-22-4	Silver	.6	U	MG/KG		B19,11/15	
	7440-09-7	Potassium	122	U	MG/KG		B19,11/15	
	7440-02-0	Nickel	2	U	MG/KG		B19,11/15	
	7439-96-5	Manganese	8.5		MG/KG		B19,11/15	
	7439-95-4	Magnesium	211	B	MG/KG		B19,11/15	
	7429-90-5	Aluminum	6970		MG/KG		B19,11/15	
	7439-97-6	Mercury	.03	U	MG/KG	AV 006	B19,11/15	
	50-29-3	4,4'-DDT	18	U	UG/KG	GC 723	B19,11/15	
	ITO-001	% Moisture	14		% MOISTURE		B19,11/15	
	309-00-2	Aldrin	9.2	U	UG/KG		B19,11/15	
	5103-74-2	gamma-Chlordane	92	U	UG/KG		B19,11/15	
	8001-35-2	Toxaphene	180	U	UG/KG		B19,11/15	
	11096-82-5	Aroclor-1260	180	U	UG/KG		B19,11/15	
	11104-28-2	Aroclor-1221	92	U	UG/KG		B19,11/15	
	11141-16-5	Aroclor-1232	92	U	UG/KG		B19,11/15	
	12672-29-6	Aroclor-1248	92	U	UG/KG		B19,11/15	
	12674-11-2	Aroclor-1016	92	U	UG/KG		B19,11/15	
	33213-65-9	Endosulfan II	18	U	UG/KG		B19,11/15	
	53469-21-9	Aroclor-1242	92	U	UG/KG		B19,11/15	
	53494-70-5	Endrin ketone	18	U	UG/KG		B19,11/15	
	11097-69-1	Aroclor-1254	180	U	UG/KG		B19,11/15	
	319-84-6	alpha-BHC	9.2	U	UG/KG		B19,11/15	
	319-86-8	delta-BHC	9.2	U	UG/KG		B19,11/15	
	959-98-8	Endosulfan-I	9.2	U	UG/KG		B19,11/15	
	319-85-7	beta-BHC	9.2	U	UG/KG		B19,11/15	
	1024-57-3	Heptachlor epoxide	9.2	U	UG/KG		B19,11/15	
	1031-07-8	Endosulfan sulfate	18	U	UG/KG		B19,11/15	
	5103-71-9	alpha-Chlordane	92	U	UG/KG		B19,11/15	
	76-44-8	Heptachlor	9.2	U	UG/KG		B19,11/15	
	72-54-8	4,4'-DDD	18	U	UG/KG		B19,11/15	
	72-55-9	4,4'-DDE	18	U	UG/KG		B19,11/15	
	72-20-8	Endrin	18	U	UG/KG		B19,11/15	
	72-43-5	Methoxychlor	92	U	UG/KG		B19,11/15	
	60-57-1	Dieldrin	18	U	UG/KG		B19,11/15	
	58-89-9	gamma-BHC (Lindane)	9.2	U	UG/KG		B19,11/15	

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APPENDIX A
ANALYTICAL RESULTS

SAMPLE NUM	PARAMETER CODE	COMPOUND/ANALYTE	RESULTS	QUALIFIER	UNITS	PRODUCT CODE	SAMPLE LOCATION	FLAG
	50-32-8	Benzo(a)pyrene	380	U	UG/KG	ME 705	B19,11/15	TRG
	56-55-3	Benzo(a)anthracene	380	U	UG/KG		B19,11/15	
	88-74-4	2-Nitroaniline	1800	U	UG/KG		B19,11/15	
	88-75-5	2-Nitrophenol	380	U	UG/KG		B19,11/15	
	91-20-3	Naphthalene	380	U	UG/KG		B19,11/15	
	91-57-6	2-Methylnaphthalene	380	U	UG/KG		B19,11/15	
	101-55-3	4-Bromophenyl phenyl ether	380	U	UG/KG		B19,11/15	
	105-67-9	2,4-Dimethylphenol	380	U	UG/KG		B19,11/15	
	106-44-5	4-Methylphenol	380	U	UG/KG		B19,11/15	
	106-46-7	1,4-Dichlorobenzene	380	U	UG/KG		B19,11/15	
	106-47-8	4-Chloroaniline	380	U	UG/KG		B19,11/15	
	108-95-2	Phenol	380	U	UG/KG		B19,11/15	
	111-44-4	bis(2-Chloroethyl)ether	380	U	UG/KG		B19,11/15	
	117-81-7	bis(2-Ethylhexyl) phthalate	490	B	UG/KG		B19,11/15	
	117-84-0	Di-n-octyl phthalate	380	U	UG/KG		B19,11/15	
	120-12-7	Anthracene	380	U	UG/KG		B19,11/15	
	120-82-1	1,2,4-Trichlorobenzene	380	U	UG/KG		B19,11/15	
	120-83-2	2,4-Dichlorophenol	380	U	UG/KG		B19,11/15	
	121-14-2	2,4-Dinitrotoluene	380	U	UG/KG		B19,11/15	
	129-00-0	Pyrene	380	U	UG/KG		B19,11/15	
	132-64-9	Dibenzofuran	380	U	UG/KG		B19,11/15	
	191-24-2	Benzo(g,h,i)perylene	380	U	UG/KG		B19,11/15	
	193-39-5	Indeno(1,2,3-cd)pyrene	380	U	UG/KG		B19,11/15	
	206-44-0	Fluoranthene	380	U	UG/KG		B19,11/15	
	207-08-9	Benzo(k)fluoranthene	380	U	UG/KG		B19,11/15	
	208-96-8	Acenaphthylene	380	U	UG/KG		B19,11/15	
	534-52-1	4,6-Dinitro-2-methylphenol	1800	U	UG/KG		B19,11/15	
	541-73-1	1,3-Dichlorobenzene	380	U	UG/KG		B19,11/15	
	606-20-2	2,6-Dinitrotoluene	380	U	UG/KG		B19,11/15	
	7005-72-3	4-Chlorophenylphenyl ether	380	U	UG/KG		B19,11/15	
	621-64-7	N-Nitroso-di-n-propylamine	380	U	UG/KG		B19,11/15	
	218-01-9	Chrysene	380	U	UG/KG		B19,11/15	
	205-99-2	Benzo(b)fluoranthene	380	U	UG/KG		B19,11/15	
	131-11-3	Dimethyl phthalate	380	U	UG/KG		B19,11/15	
	118-74-1	Hexachlorobenzene	380	U	UG/KG		B19,11/15	
	111-91-1	bis(2-Chloroethoxy)methane	380	U	UG/KG		B19,11/15	
	108-60-1	bis(2-Chloroisopropyl)ether	380	U	UG/KG		B19,11/15	
	91-58-7	2-Chloronaphthalene	380	U	UG/KG		B19,11/15	
	95-48-7	2-Methylphenol	380	U	UG/KG		B19,11/15	
	95-50-1	1,2-Dichlorobenzene	380	U	UG/KG		B19,11/15	
	91-94-1	3,3'-Dichlorobenzidine	760	U	UG/KG		B19,11/15	
	59-50-7	4-Chloro-3-methylphenol	380	U	UG/KG		B19,11/15	
	95-57-8	2-Chlorophenol	380	U	UG/KG		B19,11/15	
	95-95-4	2,4,5-Trichlorophenol	1800	U	UG/KG		B19,11/15	
	98-95-3	Nitrobenzene	380	U	UG/KG		B19,11/15	
	65-85-0	Benzoic acid	50	JB	UG/KG		B19,11/15	
	85-68-7	Butyl benzyl phthalate	380	U	UG/KG		B19,11/15	
	86-30-6	N-Nitrosodiphenylamine	200	BJ	UG/KG		B19,11/15	
	99-09-2	3-Nitroaniline	1800	U	UG/KG		B19,11/15	
	IT0-001	% Moisture	14		% MOISTURE		B19,11/15	
	100-01-6	4-Nitroaniline	1800	U	UG/KG		B19,11/15	
	100-51-6	Benzyl alcohol	380	U	UG/KG		B19,11/15	
	100-02-7	4-Nitrophenol	1800	U	UG/KG		B19,11/15	
	86-73-7	Fluorene	380	U	UG/KG		B19,11/15	
	87-68-3	Hexachlorobutadiene	380	U	UG/KG		B19,11/15	
	87-86-5	Pentachlorophenol	1800	U	UG/KG		B19,11/15	

APPENDIX A
ANALYTICAL RESULTS

3 10 01103

SAMPLE NUMBER	PARAMETER CODE	COMPOUND/ANALYTE	RESULTS	QUALIFIER	UNITS	PRODUCT CODE	SAMPLE LOCATION	FLAG
JL	88-06-2	2,4,6-Trichlorophenol	380	U	UG/KG	ME 705	B19,11/15	TRG
	85-01-8	Phenanthrene	380	U	UG/KG		B19,11/15	
	84-74-2	Di-n-butyl phthalate	380	U	UG/KG		B19,11/15	
	67-72-1	Hexachloroethane	380	U	UG/KG		B19,11/15	
	84-66-2	Diethyl phthalate	380	U	UG/KG		B19,11/15	
	83-32-9	Acenaphthene	380	U	UG/KG		B19,11/15	
	78-59-1	Isophorone	380	U	UG/KG		B19,11/15	
	77-47-4	Hexachlorocyclopentadiene	380	U	UG/KG		B19,11/15	
	53-70-3	Dibenzo(a,h)anthracene	380	U	UG/KG		B19,11/15	
	51-28-5	2,4-Dinitrophenol	1800	U	UG/KG		B19,11/15	
	56-23-5	Carbon Tetrachloride	6	U	UG/KG	MV 705	B19,11/15	
	67-66-3	Chloroform	6	U	UG/KG		B19,11/15	
	79-34-5	1,1,2,2-Tetrachloroethane	6	U	UG/KG		B19,11/15	
	IT0-001	% Moisture	14		% MOISTURE		B19,11/15	
	100-41-4	Ethylbenzene	6	U	UG/KG		B19,11/15	
	100-42-5	Styrene	6	U	UG/KG		B19,11/15	
	75-25-2	Bromoform	6	U	UG/KG		B19,11/15	
	75-27-4	Bromodichloromethane	6	U	UG/KG		B19,11/15	
	75-34-3	1,1-Dichloroethane	6	U	UG/KG		B19,11/15	
	107-06-2	1,2-Dichloroethane	6	U	UG/KG		B19,11/15	
	108-05-4	Vinyl Acetate	12	U	UG/KG		B19,11/15	
	108-88-3	Toluene	1	J	UG/KG		B19,11/15	
	108-90-7	Chlorobenzene	6	U	UG/KG		B19,11/15	
	124-48-1	Dibromochloromethane	6	U	UG/KG		B19,11/15	
	127-18-4	Tetrachloroethene	6	U	UG/KG		B19,11/15	
	591-78-6	2-Hexanone	12	U	UG/KG		B19,11/15	
	1330-20-7	Total xylenes	6	U	UG/KG		B19,11/15	
	10061-01-5	cis-1,3-Dichloropropene	6	U	UG/KG		B19,11/15	
	10061-02-6	trans-1,3-Dichloropropene	6	U	UG/KG		B19,11/15	
	540-59-0	1,2-Dichloroethylene	6	U	UG/KG		B19,11/15	
	108-10-1	4-Methyl-2-pentanone	12	U	UG/KG		B19,11/15	
	75-35-4	1,1-Dichloroethene	6	U	UG/KG		B19,11/15	
	78-87-5	1,2-Dichloropropane	6	U	UG/KG		B19,11/15	
	78-93-3	2-Butanone	12	U	UG/KG		B19,11/15	
	79-00-5	1,1,2-Trichloroethane	6	U	UG/KG		B19,11/15	
	79-01-6	Trichloroethene	6	U	UG/KG		B19,11/15	
	75-15-0	Carbon disulfide	6	U	UG/KG		B19,11/15	
	75-09-2	Methylene chloride	16	B	UG/KG		B19,11/15	
	75-01-4	Vinyl chloride	12	U	UG/KG		B19,11/15	
	75-00-3	Chloroethane	12	U	UG/KG		B19,11/15	
	74-87-3	Chloromethane	12	U	UG/KG		B19,11/15	
	74-83-9	Bromomethane	12	U	UG/KG		B19,11/15	
	71-55-6	1,1,1-Trichloroethane	6	U	UG/KG		B19,11/15	
	71-43-2	Benzene	6	U	UG/KG		B19,11/15	
	67-64-1	Acetone	23	B	UG/KG		B19,11/15	
	57-12-5	Cyanide	.6	U	MG/KG	WW 037	B19,11/15	

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APPENDIX A
ANALYTICAL RESULTS

SAMPLE NUMB	PARAMETER CODE	COMPOUND/ANALYTE	RESULTS	QUALIFIER	UNITS	PRODUCT CODE	SAMPLE LOCATION	FLAG
	7439-92-1	Lead	5.6	G	MG/KG	AG 704	B21,7/11	TRG
	7782-49-2	Selenium	.4	UWN	MG/KG		B21,7/11	
	7440-38-2	Arsenic	3	UWN	MG/KG		B21,7/11	
	7440-28-0	Thallium	.2	U	MG/KG		B21,7/11	
	ITO-003	% Solids	90		% SOLIDS	AP 706	B21,7/11	
	7440-02-0	Nickel	2	U	MG/KG		B21,7/11	
	7440-09-7	Potassium	112	U	MG/KG		B21,7/11	
	7440-22-4	Silver	.6	U	MG/KG		B21,7/11	
	7440-47-3	Chromium	2		MG/KG		B21,7/11	
	7440-48-4	Cobalt	2	U	MG/KG		B21,7/11	
	7440-50-8	Copper	1	B	MG/KG		B21,7/11	
	7440-62-2	Vanadium	8	B	MG/KG		B21,7/11	
	7440-66-6	Zinc	2.5	B	MG/KG		B21,7/11	
	7440-70-2	Calcium	137	B	MG/KG		B21,7/11	
	7440-43-9	Cadmium	.6	U	MG/KG		B21,7/11	
	7440-41-7	Beryllium	.3	B	MG/KG		B21,7/11	
	7440-23-5	Sodium	80	B	MG/KG		B21,7/11	
	7440-39-3	Barium	39.1	B	MG/KG		B21,7/11	
	7440-36-0	Antimony	3	UN	MG/KG		B21,7/11	
	7439-95-4	Magnesium	99	B	MG/KG		B21,7/11	
	7439-96-5	Manganese	8.2		MG/KG		B21,7/11	
	7439-89-6	Iron	2290		MG/KG		B21,7/11	
	7429-90-5	Aluminum	2550	*	MG/KG		B21,7/11	
	7439-97-6	Mercury	.02	U	MG/KG	AV 006	B21,7/11	
	50-29-3	4,4'-DDT	19	U	UG/KG	GC 723	B21,7/11	
	1031-07-8	Endosulfan sulfate	19	U	UG/KG		B21,7/11	
	5103-71-9	alpha-Chlordane	93	U	UG/KG		B21,7/11	
	5103-74-2	gamma-Chlordane	93	U	UG/KG		B21,7/11	
	8001-35-2	Toxaphene	190	U	UG/KG		B21,7/11	
	11096-82-5	Aroclor-1260	190	U	UG/KG		B21,7/11	
	ITO-001	% Moisture	15		% MOISTURE		B21,7/11	
	11097-69-1	Aroclor-1254	190	U	UG/KG		B21,7/11	
	11104-28-2	Aroclor-1221	93	U	UG/KG		B21,7/11	
	11141-16-5	Aroclor-1232	93	U	UG/KG		B21,7/11	
	12672-29-6	Aroclor-1248	93	U	UG/KG		B21,7/11	
	12674-11-2	Aroclor-1016	93	U	UG/KG		B21,7/11	
	53494-70-5	Endrin ketone	19	U	UG/KG		B21,7/11	
	53469-21-9	Aroclor-1242	93	U	UG/KG		B21,7/11	
	33213-65-9	Endosulfan II	19	U	UG/KG		B21,7/11	
	309-00-2	Aldrin	9.3	U	UG/KG		B21,7/11	
	319-84-6	alpha-BHC	9.3	U	UG/KG		B21,7/11	
	319-86-8	delta-BHC	9.3	U	UG/KG		B21,7/11	
	959-98-8	Endosulfan-I	9.3	U	UG/KG		B21,7/11	
	1024-57-3	Heptachlor epoxide	9.3	U	UG/KG		B21,7/11	
	319-85-7	beta-BHC	9.3	U	UG/KG		B21,7/11	
	76-44-8	Heptachlor	9.3	U	UG/KG		B21,7/11	
	72-20-8	Endrin	19	U	UG/KG		B21,7/11	
	72-54-8	4,4'-DDD	19	U	UG/KG		B21,7/11	
	72-55-9	4,4'-DDE	19	U	UG/KG		B21,7/11	
	72-43-5	Methoxychlor	93	U	UG/KG		B21,7/11	
	60-57-1	Dieldrin	19	U	UG/KG		B21,7/11	
	58-89-9	gamma-BHC (Lindane)	9.3	U	UG/KG		B21,7/11	

3 10 01105

APPENDIX A
ANALYTICAL RESULTS

SAMPLE NUMBF	PARAMETER CODE	COMPOUND/ANALYTE	RESULTS	QUALIFIER	UNITS	PRODUCT CODE	SAMPLE LOCATION	FLAG
JL	50-32-8	Benzo(a)pyrene	380	U	UG/KG	ME 705	B21,7/11	TRG
	100-51-6	Benzyl alcohol	380	U	UG/KG		B21,7/11	
	101-55-3	4-Bromophenyl phenyl ether	380	U	UG/KG		B21,7/11	
	105-67-9	2,4-Dimethylphenol	380	U	UG/KG		B21,7/11	
	106-44-5	4-Methylphenol	380	U	UG/KG		B21,7/11	
	56-55-3	Benzo(a)anthracene	380	U	UG/KG		B21,7/11	
	59-50-7	4-Chloro-3-methylphenol	380	U	UG/KG		B21,7/11	
	85-01-8	Phenanthrene	380	U	UG/KG		B21,7/11	
	106-46-7	1,4-Dichlorobenzene	380	U	UG/KG		B21,7/11	
	106-47-8	4-Chloroaniline	380	U	UG/KG		B21,7/11	
	108-95-2	Phenol	380	U	UG/KG		B21,7/11	
	111-44-4	bis(2-Chloroethyl)ether	380	U	UG/KG		B21,7/11	
	111-91-1	bis(2-Chloroethoxy)methane	380	U	UG/KG		B21,7/11	
	117-81-7	bis(2-Ethylhexyl) phthalate	970	B	UG/KG		B21,7/11	
	117-84-0	Di-n-octyl phthalate	380	U	UG/KG		B21,7/11	
	120-12-7	Anthracene	380	U	UG/KG		B21,7/11	
	120-82-1	1,2,4-Trichlorobenzene	380	U	UG/KG		B21,7/11	
	120-83-2	2,4-Dichlorophenol	380	U	UG/KG		B21,7/11	
	129-00-0	Pyrene	380	U	UG/KG		B21,7/11	
	131-11-3	Dimethyl phthalate	380	U	UG/KG		B21,7/11	
	132-64-9	Dibenzofuran	380	U	UG/KG		B21,7/11	
	193-39-5	Indeno(1,2,3-cd)pyrene	380	U	UG/KG		B21,7/11	
	205-99-2	Benzo(b)fluoranthene	380	U	UG/KG		B21,7/11	
	206-44-0	Fluoranthene	380	U	UG/KG		B21,7/11	
	208-96-8	Acenaphthylene	380	U	UG/KG		B21,7/11	
	218-01-9	Chrysene	380	U	UG/KG		B21,7/11	
	534-52-1	4,6-Dinitro-2-methylphenol	1900	U	UG/KG		B21,7/11	
	541-73-1	1,3-Dichlorobenzene	380	U	UG/KG		B21,7/11	
	606-20-2	2,6-Dinitrotoluene	380	U	UG/KG		B21,7/11	
	621-64-7	N-Nitroso-di-n-propylamine	380	U	UG/KG		B21,7/11	
	7005-72-3	4-Chlorophenylphenyl ether	380	U	UG/KG		B21,7/11	
	207-08-9	Benzo(k)fluoranthene	380	U	UG/KG		B21,7/11	
	191-24-2	Benzo(g,h,i)perylene	380	U	UG/KG		B21,7/11	
	121-14-2	2,4-Dinitrotoluene	380	U	UG/KG		B21,7/11	
	118-74-1	Hexachlorobenzene	380	U	UG/KG		B21,7/11	
	108-60-1	bis(2-Chloroisopropyl)ether	380	U	UG/KG		B21,7/11	
	91-58-7	2-Chloronaphthalene	380	U	UG/KG		B21,7/11	
	91-94-1	3,3'-Dichlorobenzidine	770	U	UG/KG		B21,7/11	
	95-48-7	2-Methylphenol	380	U	UG/KG		B21,7/11	
	95-50-1	1,2-Dichlorobenzene	380	U	UG/KG		B21,7/11	
	95-57-8	2-Chlorophenol	380	U	UG/KG		B21,7/11	
	85-68-7	Butyl benzyl phthalate	380	U	UG/KG		B21,7/11	
	95-95-4	2,4,5-Trichlorophenol	1900	U	UG/KG		B21,7/11	
	98-95-3	Nitrobenzene	380	U	UG/KG		B21,7/11	
	99-09-2	3-Nitroaniline	1900	U	UG/KG		B21,7/11	
	ITO-001	% Moisture	15		% MOISTURE		B21,7/11	
	86-30-6	N-Nitrosodiphenylamine	380	U	UG/KG		B21,7/11	
	100-01-6	4-Nitroaniline	1900	U	UG/KG		B21,7/11	
	100-02-7	4-Nitrophenol	1900	U	UG/KG		B21,7/11	
	86-73-7	Fluorene	380	U	UG/KG		B21,7/11	
	87-68-3	Hexachlorobutadiene	380	U	UG/KG		B21,7/11	
	87-86-5	Pentachlorophenol	1900	U	UG/KG		B21,7/11	
	88-06-2	2,4,6-Trichlorophenol	380	U	UG/KG		B21,7/11	
	88-74-4	2-Nitroaniline	1900	U	UG/KG		B21,7/11	
	88-75-5	2-Nitrophenol	380	U	UG/KG		B21,7/11	
	91-57-6	2-Methylnaphthalene	380	U	UG/KG		B21,7/11	

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APPENDIX A
ANALYTICAL RESULTS

SAMPLE NUMB	PARAMETER CODE	COMPOUND/ANALYTE	RESULTS	QUALIFIER	UNITS	PRODUCT CODE	SAMPLE LOCATION	FLAG
J.	91-20-3	Naphthalene	380	U	UG/KG	ME 705	B21,7/11	TRG
	84-74-2	Di-n-butyl phthalate	380	U	UG/KG		B21,7/11	
	84-66-2	Diethyl phthalate	380	U	UG/KG		B21,7/11	
	65-85-0	Benzoic acid	1900	U	UG/KG		B21,7/11	
	83-32-9	Acenaphthene	380	U	UG/KG		B21,7/11	
	78-59-1	Isophorone	380	U	UG/KG		B21,7/11	
	77-47-4	Hexachlorocyclopentadiene	380	U	UG/KG		B21,7/11	
	67-72-1	Hexachloroethane	380	U	UG/KG		B21,7/11	
	53-70-3	Dibenzo(a,h)anthracene	380	U	UG/KG		B21,7/11	
	51-28-5	2,4-Dinitrophenol	1900	U	UG/KG		B21,7/11	
	56-23-5	Carbon Tetrachloride	6	U	UG/KG	MV 705	B21,7/11	
	79-01-6	Trichloroethene	6	U	UG/KG		B21,7/11	
	79-34-5	1,1,2,2-Tetrachloroethane	6	U	UG/KG		B21,7/11	
	ITO-001	% Moisture	15		% MOISTURE		B21,7/11	
	100-41-4	Ethylbenzene	6	U	UG/KG		B21,7/11	
	100-42-5	Styrene	6	U	UG/KG		B21,7/11	
	75-15-0	Carbon disulfide	6	U	UG/KG		B21,7/11	
	75-25-2	Bromoform	6	U	UG/KG		B21,7/11	
	75-27-4	Bromodichloromethane	6	U	UG/KG		B21,7/11	
	107-06-2	1,2-Dichloroethane	6	U	UG/KG		B21,7/11	
	108-05-4	Vinyl Acetate	12	U	UG/KG		B21,7/11	
	108-90-7	Chlorobenzene	6	U	UG/KG		B21,7/11	
	124-48-1	Dibromochloromethane	6	U	UG/KG		B21,7/11	
	127-18-4	Tetrachloroethene	6	U	UG/KG		B21,7/11	
	540-59-0	1,2-Dichloroethylene	6	U	UG/KG		B21,7/11	
	591-78-6	2-Hexanone	12	U	UG/KG		B21,7/11	
	1330-20-7	Total xylenes	6	U	UG/KG		B21,7/11	
	10061-01-5	cis-1,3-Dichloropropene	6	U	UG/KG		B21,7/11	
	10061-02-6	trans-1,3-Dichloropropene	6	U	UG/KG		B21,7/11	
	108-88-3	Toluene	2	J	UG/KG		B21,7/11	
	108-10-1	4-Methyl-2-pentanone	12	U	UG/KG		B21,7/11	
	75-34-3	1,1-Dichloroethane	6	U	UG/KG		B21,7/11	
	78-87-5	1,2-Dichloropropane	6	U	UG/KG		B21,7/11	
	78-93-3	2-Butanone	12	U	UG/KG		B21,7/11	
	79-00-5	1,1,2-Trichloroethane	6	U	UG/KG		B21,7/11	
	75-35-4	1,1-Dichloroethene	6	U	UG/KG		B21,7/11	
	75-09-2	Methylene chloride	10	B	UG/KG		B21,7/11	
	75-01-4	Vinyl chloride	12	U	UG/KG		B21,7/11	
	75-00-3	Chloroethane	12	U	UG/KG		B21,7/11	
	74-87-3	Chloromethane	12	U	UG/KG		B21,7/11	
	74-83-9	Bromomethane	12	U	UG/KG		B21,7/11	
	71-55-6	1,1,1-Trichloroethane	6	U	UG/KG		B21,7/11	
	71-43-2	Benzene	6	U	UG/KG		B21,7/11	
	67-66-3	Chloroform	6	U	UG/KG		B21,7/11	
	67-64-1	Acetone	160		UG/KG		B21,7/11	
	57-12-5	Cyanide	.6	U	MG/KG	WW 037	B21,7/11	

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APPENDIX A
ANALYTICAL RESULTS

SAMPLE NUMBER	PARAMETER CODE	COMPOUND/ANALYTE	RESULTS	QUALIFIER	UNITS	PRODUCT CODE	SAMPLE LOCATION	FLAG
	7439-92-1	Lead	6.8	G	MG/KG	AG 704	B21,3/7	TRG
	7782-49-2	Selenium	2	UN	MG/KG		B21,3/7	
	7440-38-2	Arsenic	.8	UN	MG/KG		B21,3/7	
	7440-28-0	Thallium	.2	U	MG/KG		B21,3/7	
	ITO-003	% Solids	89.6		% SOLIDS	AP 706	B21,3/7	
	7439-89-6	Iron	3540		MG/KG		B21,3/7	
	7440-22-4	Silver	.6	U	MG/KG		B21,3/7	
	7440-23-5	Sodium	104	B	MG/KG		B21,3/7	
	7440-36-0	Antimony	3	UN	MG/KG		B21,3/7	
	7440-50-8	Copper	3	B	MG/KG		B21,3/7	
	7440-62-2	Vanadium	11		MG/KG		B21,3/7	
	7440-66-6	Zinc	6.4		MG/KG		B21,3/7	
	7440-70-2	Calcium	34	B	MG/KG		B21,3/7	
	7440-48-4	Cobalt	2	U	MG/KG		B21,3/7	
	7440-47-3	Chromium	7		MG/KG		B21,3/7	
	7440-39-3	Barium	31.3	B	MG/KG		B21,3/7	
	7440-43-9	Cadmium	.6	U	MG/KG		B21,3/7	
	7440-41-7	Beryllium	.3	B	MG/KG		B21,3/7	
	7440-09-7	Potassium	112	U	MG/KG		B21,3/7	
	7440-02-0	Nickel	2	U	MG/KG		B21,3/7	
	7439-96-5	Manganese	3.6		MG/KG		B21,3/7	
	7439-95-4	Magnesium	128	B	MG/KG		B21,3/7	
	7429-90-5	Aluminum	6450	*	MG/KG		B21,3/7	
	7439-97-6	Mercury	.02	U	MG/KG	AV 006	B21,3/7	
	50-29-3	4,4'-DDT	19	U	UG/KG	GC 723	B21,3/7	
	5103-71-9	alpha-Chlordane	93	U	UG/KG		B21,3/7	
	5103-74-2	gamma-Chlordane	93	U	UG/KG		B21,3/7	
	319-84-6	alpha-BHC	9.3	U	UG/KG		B21,3/7	
	8001-35-2	Toxaphene	190	U	UG/KG		B21,3/7	
	11096-82-5	Aroclor-1260	190	U	UG/KG		B21,3/7	
	11097-69-1	Aroclor-1254	190	U	UG/KG		B21,3/7	
	11104-28-2	Aroclor-1221	93	U	UG/KG		B21,3/7	
	11141-16-5	Aroclor-1232	93	U	UG/KG		B21,3/7	
	12674-11-2	Aroclor-1016	93	U	UG/KG		B21,3/7	
	33213-65-9	Endosulfan II	19	U	UG/KG		B21,3/7	
	53469-21-9	Aroclor-1242	93	U	UG/KG		B21,3/7	
	53494-70-5	Endrin ketone	19	U	UG/KG		B21,3/7	
	12672-29-6	Aroclor-1248	93	U	UG/KG		B21,3/7	
	319-85-7	beta-BHC	9.3	U	UG/KG		B21,3/7	
	319-86-8	delta-BHC	9.3	U	UG/KG		B21,3/7	
	959-98-8	Endosulfan-I	9.3	U	UG/KG		B21,3/7	
	1031-07-8	Endosulfan sulfate	19	U	UG/KG		B21,3/7	
	1024-57-3	Heptachlor epoxide	9.3	U	UG/KG		B21,3/7	
	309-00-2	Aldrin	9.3	U	UG/KG		B21,3/7	
	72-55-9	4,4'-DDE	19	U	UG/KG		B21,3/7	
	76-44-8	Heptachlor	9.3	U	UG/KG		B21,3/7	
	ITO-001	% Moisture	15		% MOISTURE		B21,3/7	
	72-43-5	Methoxychlor	93	U	UG/KG		B21,3/7	
	60-57-1	Dieldrin	19	U	UG/KG		B21,3/7	
	72-54-8	4,4'-DDD	19	U	UG/KG		B21,3/7	
	72-20-8	Endrin	19	U	UG/KG		B21,3/7	
	58-89-9	gamma-BHC (Lindane)	9.3	U	UG/KG		B21,3/7	

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APPENDIX A
ANALYTICAL RESULTS

SAMPLE NUMBER	PARAMETER CODE	COMPOUND/ANALYTE	RESULTS	QUALIFIER	UNITS	PRODUCT CODE	SAMPLE LOCATION	FLAG
JG	50-32-8	Benzo(a)pyrene	380	U	UG/KG	ME 705	B21,3/7	TRG
	101-55-3	4-Bromophenyl phenyl ether	380	U	UG/KG		B21,3/7	
	105-67-9	2,4-Dimethylphenol	380	U	UG/KG		B21,3/7	
	106-44-5	4-Methylphenol	380	U	UG/KG		B21,3/7	
	106-46-7	1,4-Dichlorobenzene	380	U	UG/KG		B21,3/7	
	106-47-8	4-Chloroaniline	380	U	UG/KG		B21,3/7	
	108-95-2	Phenol	380	U	UG/KG		B21,3/7	
	108-60-1	bis(2-Chloroisopropyl)ether	380	U	UG/KG		B21,3/7	
	83-32-9	Acenaphthene	380	U	UG/KG		B21,3/7	
	84-66-2	Diethyl phthalate	380	U	UG/KG		B21,3/7	
	84-74-2	Di-n-butyl phthalate	380	U	UG/KG		B21,3/7	
	111-44-4	bis(2-Chloroethyl)ether	380	U	UG/KG		B21,3/7	
	111-91-1	bis(2-Chloroethoxy)methane	380	U	UG/KG		B21,3/7	
	117-81-7	bis(2-Ethylhexyl) phthalate	770	B	UG/KG		B21,3/7	
	117-84-0	Di-n-octyl phthalate	380	U	UG/KG		B21,3/7	
	120-12-7	Anthracene	380	U	UG/KG		B21,3/7	
	120-82-1	1,2,4-Trichlorobenzene	380	U	UG/KG		B21,3/7	
	121-14-2	2,4-Dinitrotoluene	380	U	UG/KG		B21,3/7	
	129-00-0	Pyrene	380	U	UG/KG		B21,3/7	
	132-64-9	Dibenzofuran	380	U	UG/KG		B21,3/7	
	191-24-2	Benzo(g,h,i)perylene	380	U	UG/KG		B21,3/7	
	193-39-5	Indeno(1,2,3-cd)pyrene	380	U	UG/KG		B21,3/7	
	205-99-2	Benzo(b)fluoranthene	380	U	UG/KG		B21,3/7	
	206-44-0	Fluoranthene	380	U	UG/KG		B21,3/7	
	208-96-8	Acenaphthylene	380	U	UG/KG		B21,3/7	
	218-01-9	Chrysene	380	U	UG/KG		B21,3/7	
	534-52-1	4,6-Dinitro-2-methylphenol	1900	U	UG/KG		B21,3/7	
	606-20-2	2,6-Dinitrotoluene	380	U	UG/KG		B21,3/7	
	541-73-1	1,3-Dichlorobenzene	380	U	UG/KG		B21,3/7	
	621-64-7	N-Nitroso-di-n-propylamine	380	U	UG/KG		B21,3/7	
	7005-72-3	4-Chlorophenylphenyl ether	380	U	UG/KG		B21,3/7	
	207-08-9	Benzo(k)fluoranthene	380	U	UG/KG		B21,3/7	
	131-11-3	Dimethyl phthalate	380	U	UG/KG		B21,3/7	
	120-83-2	2,4-Dichlorophenol	380	U	UG/KG		B21,3/7	
	118-74-1	Hexachlorobenzene	380	U	UG/KG		B21,3/7	
	88-75-5	2-Nitrophenol	380	U	UG/KG		B21,3/7	
	91-20-3	Naphthalene	380	U	UG/KG		B21,3/7	
	91-57-6	2-Methylnaphthalene	380	U	UG/KG		B21,3/7	
	91-58-7	2-Chloronaphthalene	380	U	UG/KG		B21,3/7	
	95-48-7	2-Methylphenol	380	U	UG/KG		B21,3/7	
	91-94-1	3,3'-Dichlorobenzidine	770	U	UG/KG		B21,3/7	
	95-50-1	1,2-Dichlorobenzene	380	U	UG/KG		B21,3/7	
	95-57-8	2-Chlorophenol	380	U	UG/KG		B21,3/7	
	95-95-4	2,4,5-Trichlorophenol	1900	U	UG/KG		B21,3/7	
	98-95-3	Nitrobenzene	380	U	UG/KG		B21,3/7	
	99-09-2	3-Nitroaniline	1900	U	UG/KG		B21,3/7	
	ITO-001	% Moisture	15		% MOISTURE		B21,3/7	
	100-01-6	4-Nitroaniline	1900	U	UG/KG		B21,3/7	
	100-02-7	4-Nitrophenol	1900	U	UG/KG		B21,3/7	
	85-01-8	Phenanthrene	380	U	UG/KG		B21,3/7	
	85-68-7	Butyl benzyl phthalate	380	U	UG/KG		B21,3/7	
	100-51-6	Benzyl alcohol	380	U	UG/KG		B21,3/7	
	86-30-6	N-Nitrosodiphenylamine	380	U	UG/KG		B21,3/7	
	86-73-7	Fluorene	380	U	UG/KG		B21,3/7	
	87-68-3	Hexachlorobutadiene	380	U	UG/KG		B21,3/7	
	87-86-5	Pentachloropnenol	1900	U	UG/KG		B21,3/7	

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APPENDIX A
ANALYTICAL RESULTS

SAMPLE NUMB	PARAMETER CODE	COMPOUND/ANALYTE	RESULTS	QUALIFIER	UNITS	PRODUCT CODE	SAMPLE LOCATION	FLAG
J.	88-06-2	2,4,6-Trichlorophenol	380	U	UG/KG	ME 705	B21,3/7	TRG
	88-74-4	2-Nitroaniline	1900	U	UG/KG		B21,3/7	
	78-59-1	Isophorone	380	U	UG/KG		B21,3/7	
	53-70-3	Dibenzo(a,h)anthracene	380	U	UG/KG		B21,3/7	
	56-55-3	Benzo(a)anthracene	380	U	UG/KG		B21,3/7	
	77-47-4	Hexachlorocyclopentadiene	380	U	UG/KG		B21,3/7	
	67-72-1	Hexachloroethane	380	U	UG/KG		B21,3/7	
	65-85-0	Benzoic acid	1900	U	UG/KG		B21,3/7	
	59-50-7	4-Chloro-3-methylphenol	380	U	UG/KG		B21,3/7	
	51-28-5	2,4-Dinitrophenol	1900	U	UG/KG		B21,3/7	
	56-23-5	Carbon Tetrachloride	6	U	UG/KG	MV 705	B21,3/7	
	100-42-5	Styrene	6	U	UG/KG		B21,3/7	
	107-06-2	1,2-Dichloroethane	6	U	UG/KG		B21,3/7	
	71-43-2	Benzene	6	U	UG/KG		B21,3/7	
	108-05-4	Vinyl Acetate	12	U	UG/KG		B21,3/7	
	108-10-1	4-Methyl-2-pentanone	12	U	UG/KG		B21,3/7	
	71-55-6	1,1,1-Trichloroethane	6	U	UG/KG		B21,3/7	
	75-27-4	Bromodichloromethane	6	U	UG/KG		B21,3/7	
	108-88-3	Toluene	2	J	UG/KG		B21,3/7	
	108-90-7	Chlorobenzene	6	U	UG/KG		B21,3/7	
	124-48-1	Dibromochloromethane	6	U	UG/KG		B21,3/7	
	75-34-3	1,1-Dichloroethane	6	U	UG/KG		B21,3/7	
	127-18-4	Tetrachloroethene	6	U	UG/KG		B21,3/7	
	540-59-0	1,2-Dichloroethylene	6	U	UG/KG		B21,3/7	
	591-78-6	2-Hexanone	12	U	UG/KG		B21,3/7	
	1330-20-7	Total xylenes	6	U	UG/KG		B21,3/7	
	10061-01-5	cis-1,3-Dichloropropene	6	U	UG/KG		B21,3/7	
	10061-02-6	trans-1,3-Dichloropropene	6	U	UG/KG		B21,3/7	
	75-35-4	1,1-Dichloroethene	6	U	UG/KG		B21,3/7	
	78-87-5	1,2-Dichloropropane	6	U	UG/KG		B21,3/7	
	79-00-5	1,1,2-Trichloroethane	6	U	UG/KG		B21,3/7	
	79-01-6	Trichloroethene	6	U	UG/KG		B21,3/7	
	79-34-5	1,1,2,2-Tetrachloroethane	6	U	UG/KG		B21,3/7	
	IT0-001	% Moisture	15		% MOISTURE		B21,3/7	
	100-41-4	Ethylbenzene	6	U	UG/KG		B21,3/7	
	78-93-3	2-Butanone	12	U	UG/KG		B21,3/7	
	75-25-2	Bromoform	6	U	UG/KG		B21,3/7	
	75-15-0	Carbon disulfide	6	U	UG/KG		B21,3/7	
	74-83-9	Bromomethane	12	U	UG/KG		B21,3/7	
	75-09-2	Methylene chloride	13	B	UG/KG		B21,3/7	
	75-01-4	Vinyl chloride	12	U	UG/KG		B21,3/7	
	75-00-3	Chloroethane	12	U	UG/KG		B21,3/7	
	74-87-3	Chloromethane	12	U	UG/KG		B21,3/7	
	67-66-3	Chloroform	6	U	UG/KG		B21,3/7	
	67-64-1	Acetone	12	U	UG/KG		B21,3/7	
	57-12-5	Cyanide	.6	U	MG/KG	WW 037	B21,3/7	

3 10 01110

APPENDIX A
ANALYTICAL RESULTS

SAMPLE NUMBE	PARAMETER CODE	COMPOUND/ANALYTE	RESULTS	QUALIFIER	UNITS	PRODUCT CODE	SAMPLE LOCATION	FLAG
[redacted]	7439-92-1	Lead	5.2	G	MG/KG	AG 704	B14,3/7	TRG
	7782-49-2	Selenium	.5	UWN	MG/KG		B14,3/7	
	7440-38-2	Arsenic	2	UWN	MG/KG		B14,3/7	
	7440-28-0	Thallium	.2	UW	MG/KG		B14,3/7	
	ITO-003	% Solids	84.5		% SOLIDS	AP 706	B14,3/7	
	7440-39-3	Barium	22.5	B	MG/KG		B14,3/7	
	7440-41-7	Beryllium	.1	U	MG/KG		B14,3/7	
	7440-43-9	Cadmium	.6	U	MG/KG		B14,3/7	
	7440-47-3	Chromium	4	*	MG/KG		B14,3/7	
	7440-48-4	Cobalt	2	U	MG/KG		B14,3/7	
	7440-50-8	Copper	3	B	MG/KG		B14,3/7	
	7440-62-2	Vanadium	12		MG/KG		B14,3/7	
	7440-66-6	Zinc	2.6	B	MG/KG		B14,3/7	
	7440-70-2	Calcium	379	B	MG/KG		B14,3/7	
	7440-36-0	Antimony	4	UN	MG/KG		B14,3/7	
	7440-23-5	Sodium	29	B	MG/KG		B14,3/7	
	7439-89-6	Iron	4990	*	MG/KG		B14,3/7	
	7440-22-4	Silver	.8	BN	MG/KG		B14,3/7	
	7440-09-7	Potassium	118	U	MG/KG		B14,3/7	
	7440-02-0	Nickel	2	U	MG/KG		B14,3/7	
	7439-96-5	Manganese	3.4	*	MG/KG		B14,3/7	
	7439-95-4	Magnesium	142	B	MG/KG		B14,3/7	
[redacted]	7429-90-5	Aluminum	4340	*	MG/KG		B14,3/7	
	7439-97-6	Mercury	.04	N	MG/KG	AV 006	B14,3/7	
	50-29-3	4,4'-DDT	19	U	UG/KG	GC 723	B14,3/7	
	5103-71-9	alpha-Chlordane	94	U	UG/KG		B14,3/7	
	5103-74-2	gamma-Chlordane	94	U	UG/KG		B14,3/7	
	8001-35-2	Toxaphene	190	U	UG/KG		B14,3/7	
	11096-82-5	Aroclor-1260	190	U	UG/KG		B14,3/7	
	11097-69-1	Aroclor-1254	190	U	UG/KG		B14,3/7	
	11104-28-2	Aroclor-1221	94	U	UG/KG		B14,3/7	
	11141-16-5	Aroclor-1232	94	U	UG/KG		B14,3/7	
	12674-11-2	Aroclor-1016	94	U	UG/KG		B14,3/7	
	33213-65-9	Endosulfan II	19	U	UG/KG		B14,3/7	
	53469-21-9	Aroclor-1242	94	U	UG/KG		B14,3/7	
	53494-70-5	Endrin ketone	19	U	UG/KG		B14,3/7	
	12672-29-6	Aroclor-1248	94	U	UG/KG		B14,3/7	
	72-20-8	Endrin	19	U	UG/KG		B14,3/7	
	72-54-8	4,4'-DDD	19	U	UG/KG		B14,3/7	
	72-55-9	4,4'-DDE	19	U	UG/KG		B14,3/7	
	76-44-8	Heptachlor	9.4	U	UG/KG		B14,3/7	
	319-86-8	delta-BHC	9.4	U	UG/KG		B14,3/7	
	1024-57-3	Heptachlor epoxide	9.4	U	UG/KG		B14,3/7	
	1031-07-8	Endosulfan sulfate	19	U	UG/KG		B14,3/7	
	959-98-8	Endosulfan-I	9.4	U	UG/KG		B14,3/7	
	309-00-2	Aldrin	9.4	U	UG/KG		B14,3/7	
[redacted]	319-85-7	beta-BHC	9.4	U	UG/KG		B14,3/7	
	319-84-6	alpha-BHC	9.4	U	UG/KG		B14,3/7	
	ITO-001	% Moisture	15		% MOISTURE		B14,3/7	
	72-43-5	Methoxychlor	94	U	UG/KG		B14,3/7	
	60-57-1	Dieldrin	19	U	UG/KG		B14,3/7	
	58-89-9	gamma-BHC (Lindane)	9.4	U	UG/KG		B14,3/7	

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APPENDIX A
ANALYTICAL RESULTS

SAMPLE NUMBER	PARAMETER CODE	COMPOUND/ANALYTE	RESULTS	QUALIFIER	UNITS	PRODUCT CODE	SAMPLE LOCATION	FLAG
J.	50-32-8	Benzo(a)pyrene	390	U	UG/KG	ME 705	B14,3/7	TRG
	87-86-5	Pentachlorophenol	1900	U	UG/KG		B14,3/7	
	88-06-2	2,4,6-Trichlorophenol	390	U	UG/KG		B14,3/7	
	88-74-4	2-Nitroaniline	1900	U	UG/KG		B14,3/7	
	91-20-3	Naphthalene	390	U	UG/KG		B14,3/7	
	91-57-6	2-Methylnaphthalene	390	U	UG/KG		B14,3/7	
	91-58-7	2-Chloronaphthalene	390	U	UG/KG		B14,3/7	
	91-94-1	3,3'-Dichlorobenzidine	780	U	UG/KG		B14,3/7	
	95-48-7	2-Methylphenol	390	U	UG/KG		B14,3/7	
	95-50-1	1,2-Dichlorobenzene	390	U	UG/KG		B14,3/7	
	95-57-8	2-Chlorophenol	390	U	UG/KG		B14,3/7	
	108-60-1	bis(2-Chloroisopropyl)ether	390	U	UG/KG		B14,3/7	
	108-95-2	Phenol	390	U	UG/KG		B14,3/7	
	111-91-1	bis(2-Chloroethoxy)methane	390	U	UG/KG		B14,3/7	
	117-81-7	bis(2-Ethylhexyl) phthalate	1000	B	UG/KG		B14,3/7	
	118-74-1	Hexachlorobenzene	390	U	UG/KG		B14,3/7	
	120-12-7	Anthracene	390	U	UG/KG		B14,3/7	
	120-83-2	2,4-Dichlorophenol	390	U	UG/KG		B14,3/7	
	121-14-2	2,4-Dinitrotoluene	390	U	UG/KG		B14,3/7	
	129-00-0	Pyrene	390	U	UG/KG		B14,3/7	
	131-11-3	Dimethyl phthalate	390	U	UG/KG		B14,3/7	
	132-64-9	Dibenzofuran	390	U	UG/KG		B14,3/7	
	193-39-5	Indeno(1,2,3-cd)pyrene	390	U	UG/KG		B14,3/7	
	205-99-2	Benzo(b)fluoranthene	390	U	UG/KG		B14,3/7	
	206-44-0	Fluoranthene	390	U	UG/KG		B14,3/7	
	208-96-8	Acenaphthylene	390	U	UG/KG		B14,3/7	
	218-01-9	Chrysene	390	U	UG/KG		B14,3/7	
	534-52-1	4,6-Dinitro-2-methylphenol	1900	U	UG/KG		B14,3/7	
	606-20-2	2,6-Dinitrotoluene	390	U	UG/KG		B14,3/7	
	621-64-7	N-Nitroso-di-n-propylamine	390	U	UG/KG		B14,3/7	
	7005-72-3	4-Chlorophenylphenyl ether	390	U	UG/KG		B14,3/7	
	541-73-1	1,3-Dichlorobenzene	390	U	UG/KG		B14,3/7	
	207-08-9	Benzo(k)fluoranthene	390	U	UG/KG		B14,3/7	
	191-24-2	Benzo(g,h,i)perylene	390	U	UG/KG		B14,3/7	
	120-82-1	1,2,4-Trichlorobenzene	390	U	UG/KG		B14,3/7	
	117-84-0	Di-n-octyl phthalate	390	U	UG/KG		B14,3/7	
	111-44-4	bis(2-Chloroethyl)ether	390	U	UG/KG		B14,3/7	
	98-95-3	Nitrobenzene	390	U	UG/KG		B14,3/7	
	99-09-2	3-Nitroaniline	1900	U	UG/KG		B14,3/7	
	ITO-001	% Moisture	15		% MOISTURE		B14,3/7	
	100-01-6	4-Nitroaniline	1900	U	UG/KG		B14,3/7	
	100-02-7	4-Nitrophenol	1900	U	UG/KG		B14,3/7	
	100-51-6	Benzyl alcohol	390	U	UG/KG		B14,3/7	
	101-55-3	4-Bromophenyl phenyl ether	390	U	UG/KG		B14,3/7	
	105-67-9	2,4-Dimethylphenol	390	U	UG/KG		B14,3/7	
	106-44-5	4-Methylphenol	390	U	UG/KG		B14,3/7	
	106-46-7	1,4-Dichlorobenzene	390	U	UG/KG		B14,3/7	
	106-47-8	4-Chloroaniline	390	U	UG/KG		B14,3/7	
	95-95-4	2,4,5-Trichlorophenol	1900	U	UG/KG		B14,3/7	
	88-75-5	2-Nitrophenol	390	U	UG/KG		B14,3/7	
	78-59-1	Isophorone	390	U	UG/KG		B14,3/7	
	83-32-9	Acenaphthene	390	U	UG/KG		B14,3/7	
	84-66-2	Diethyl phthalate	390	U	UG/KG		B14,3/7	
	85-01-8	Phenanthrene	390	U	UG/KG		B14,3/7	
	85-68-7	Butyl benzyl phthalate	390	U	UG/KG		B14,3/7	
	86-30-6	N-Nitrosodiphenylamine	390	U	UG/KG		B14,3/7	

APPENDIX A
ANALYTICAL RESULTS

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SAMPLE NUMBER	PARAMETER CODE	COMPOUND/ANALYTE	RESULTS	QUALIFIER	UNITS	PRODUCT CODE	SAMPLE LOCATION	FLAG
	86-73-7	Fluorene	390	U	UG/KG	ME 705	B14,3/7	TRG
	87-68-3	Hexachlorobutadiene	390	U	UG/KG		B14,3/7	
	84-74-2	Di-n-butyl phthalate	390	U	UG/KG		B14,3/7	
	77-47-4	Hexachlorocyclopentadiene	390	U	UG/KG		B14,3/7	
	53-70-3	Dibenzo(a,h)anthracene	390	U	UG/KG		B14,3/7	
	67-72-1	Hexachloroethane	390	U	UG/KG		B14,3/7	
	65-85-0	Benzoic acid	1900	U	UG/KG		B14,3/7	
	59-50-7	4-Chloro-3-methylphenol	390	U	UG/KG		B14,3/7	
	56-55-3	Benzo(a)anthracene	390	U	UG/KG		B14,3/7	
	51-28-5	2,4-Dinitrophenol	1900	U	UG/KG		B14,3/7	
	56-23-5	Carbon Tetrachloride	6	U	UG/KG	MV 705	B14,3/7	
	71-43-2	Benzene	6	U	UG/KG		B14,3/7	
	71-55-6	1,1,1-Trichloroethane	6	U	UG/KG		B14,3/7	
	79-01-6	Trichloroethene	6	U	UG/KG		B14,3/7	
	79-34-5	1,1,2,2-Tetrachloroethane	6	U	UG/KG		B14,3/7	
	ITO-001	% Moisture	15		% MOISTURE		B14,3/7	
	100-41-4	Ethylbenzene	6	U	UG/KG		B14,3/7	
	100-42-5	Styrene	6	U	UG/KG		B14,3/7	
	107-06-2	1,2-Dichloroethane	6	U	UG/KG		B14,3/7	
	108-05-4	Vinyl Acetate	12	U	UG/KG		B14,3/7	
	108-10-1	4-Methyl-2-pentanone	12	U	UG/KG		B14,3/7	
	108-88-3	Toluene	6	J	UG/KG		B14,3/7	
	75-27-4	Bromodichloromethane	6	U	UG/KG		B14,3/7	
	108-90-7	Chlorobenzene	6	U	UG/KG		B14,3/7	
	124-48-1	Dibromochloromethane	6	U	UG/KG		B14,3/7	
	127-18-4	Tetrachlorethene	6	U	UG/KG		B14,3/7	
	540-59-0	1,2-Dichloroethylene	6	U	UG/KG		B14,3/7	
	591-78-6	2-Hexanone	12	U	UG/KG		B14,3/7	
	1330-20-7	Total xylenes	3	J	UG/KG		B14,3/7	
	10061-02-6	trans-1,3-Dichloropropene	6	U	UG/KG		B14,3/7	
	10061-01-5	cis-1,3-Dichloropropene	6	U	UG/KG		B14,3/7	
	75-34-3	1,1-Dichloroethane	6	U	UG/KG		B14,3/7	
	75-35-4	1,1-Dichloroethene	6	U	UG/KG		B14,3/7	
	78-87-5	1,2-Dichloropropane	6	U	UG/KG		B14,3/7	
	79-00-5	1,1,2-Trichloroethane	6	U	UG/KG		B14,3/7	
	78-93-3	2-Butanone	12	U	UG/KG		B14,3/7	
	75-25-2	Bromoform	6	U	UG/KG		B14,3/7	
	75-15-0	Carbon disulfide	6	U	UG/KG		B14,3/7	
	74-83-9	Bromomethane	12	U	UG/KG		B14,3/7	
	75-09-2	Methylene chloride	11	B	UG/KG		B14,3/7	
	75-01-4	Vinyl chloride	12	U	UG/KG		B14,3/7	
	75-00-3	Chloroethane	12	U	UG/KG		B14,3/7	
	74-87-3	Chloromethane	12	U	UG/KG		B14,3/7	
	67-66-3	Chloroform	6	U	UG/KG		B14,3/7	
	67-64-1	Acetone	43	B	UG/KG		B14,3/7	
	57-12-5	Cyanide	.6	U	MG/KG	WW 037	B14,3/7	

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APPENDIX A
ANALYTICAL RESULTS

SAMPLE NUMBER	PARAMETER CODE	COMPOUND/ANALYTE	RESULTS	QUALIFIER	UNITS	PRODUCT CODE	SAMPLE LOCATION	FLAG
J.	7439-92-1	Lead	7.8	G	MG/KG	AG 704	B10,3/7	TRG
	7782-49-2	Selenium	.4	UWN	MG/KG		B10,3/7	
	7440-38-2	Arsenic	2	UWN	MG/KG		B10,3/7	
	7440-28-0	Thallium	.2	UW	MG/KG		B10,3/7	
	ITO-003	% Solids	81.4		% SOLIDS	AP 706	B10,3/7	
	7439-89-6	Iron	2300	*	MG/KG		B10,3/7	
	7440-70-2	Calcium	316	B	MG/KG		B10,3/7	
	7440-09-7	Potassium	123	U	MG/KG		B10,3/7	
	7440-22-4	Silver	.6	UN	MG/KG		B10,3/7	
	7440-23-5	Sodium	92	B	MG/KG		B10,3/7	
	7440-47-3	Chromium	3	*	MG/KG		B10,3/7	
	7440-48-4	Cobalt	2	U	MG/KG		B10,3/7	
	7440-50-8	Copper	6		MG/KG		B10,3/7	
	7440-66-6	Zinc	7.4		MG/KG		B10,3/7	
	7440-62-2	Vanadium	7	B	MG/KG		B10,3/7	
	7440-43-9	Cadmium	.6	U	MG/KG		B10,3/7	
	7440-41-7	Beryllium	.2	B	MG/KG		B10,3/7	
	7440-39-3	Barium	33.3	B	MG/KG		B10,3/7	
	7440-36-0	Antimony	4	UN	MG/KG		B10,3/7	
	7440-02-0	Nickel	2	U	MG/KG		B10,3/7	
	7439-96-5	Manganese	9.4	*	MG/KG		B10,3/7	
	7439-95-4	Magnesium	277	B	MG/KG		B10,3/7	
	7429-90-5	Aluminum	3500	*	MG/KG		B10,3/7	
	7439-97-6	Mercury	.03	N	MG/KG	AV 006	B10,3/7	
	50-29-3	4,4'-DDT	19	U	UG/KG	GC 723	B10,3/7	
	72-20-8	Endrin	19	U	UG/KG		B10,3/7	
	72-43-5	Methoxychlor	95	U	UG/KG		B10,3/7	
	319-86-8	delta-BHC	9.5	U	UG/KG		B10,3/7	
	959-98-8	Endosulfan-I	9.5	U	UG/KG		B10,3/7	
	12674-11-2	Aroclor-1016	95	U	UG/KG		B10,3/7	
	33213-65-9	Endosulfan II	19	U	UG/KG		B10,3/7	
	53469-21-9	Aroclor-1242	95	U	UG/KG		B10,3/7	
	1024-57-3	Heptachlor epoxide	9.5	U	UG/KG		B10,3/7	
	1031-07-8	Endosulfan sulfate	19	U	UG/KG		B10,3/7	
	5103-71-9	alpha-Chlordane	95	U	UG/KG		B10,3/7	
	53494-70-5	Endrin ketone	19	U	UG/KG		B10,3/7	
	5103-74-2	gamma-Chlordane	95	U	UG/KG		B10,3/7	
	8001-35-2	Toxaphene	190	U	UG/KG		B10,3/7	
	11096-82-5	Aroclor-1260	190	U	UG/KG		B10,3/7	
	11097-69-1	Aroclor-1254	190	U	UG/KG		B10,3/7	
	11104-28-2	Aroclor-1221	95	U	UG/KG		B10,3/7	
	12672-29-6	Aroclor-1248	95	U	UG/KG		B10,3/7	
	11141-16-5	Aroclor-1232	95	U	UG/KG		B10,3/7	
	319-85-7	beta-BHC	9.5	U	UG/KG		B10,3/7	
	72-54-8	4,4'-DDD	19	U	UG/KG		B10,3/7	
	72-55-9	4,4'-DDE	19	U	UG/KG		B10,3/7	
	319-84-6	alpha-BHC	9.5	U	UG/KG		B10,3/7	
	309-00-2	Aldrin	9.5	U	UG/KG		B10,3/7	
	ITO-001	% Moisture	16		% MOISTURE		B10,3/7	
	76-44-8	Heptachlor	9.5	U	UG/KG		B10,3/7	
	60-57-1	Dieldrin	19	U	UG/KG		B10,3/7	
	58-89-9	gamma-BHC (Lindane)	9.5	U	UG/KG		B10,3/7	

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APPENDIX A
ANALYTICAL RESULTS

SAMPLE NUMBER	PARAMETER CODE	COMPOUND/ANALYTE	RESULTS	QUALIFIER	UNITS	PRODUCT CODE	SAMPLE LOCATION	FLAG
JG	50-32-8	Benzo(a)pyrene	390	U	UG/KG	ME 705	B10,3/7	TRG
	56-55-3	Benzo(a)anthracene	390	U	UG/KG		B10,3/7	
	117-81-7	bis(2-Ethylhexyl) phthalate	350	BJ	UG/KG		B10,3/7	
	84-66-2	Diethyl phthalate	390	U	UG/KG		B10,3/7	
	84-74-2	Di-n-butyl phthalate	390	U	UG/KG		B10,3/7	
	85-01-8	Phenanthrene	390	U	UG/KG		B10,3/7	
	91-20-3	Naphthalene	390	U	UG/KG		B10,3/7	
	91-57-6	2-Methylnaphthalene	390	U	UG/KG		B10,3/7	
	91-58-7	2-Chloronaphthalene	390	U	UG/KG		B10,3/7	
	91-94-1	3,3'-Dichlorobenzidine	780	U	UG/KG		B10,3/7	
	95-50-1	1,2-Dichlorobenzene	390	U	UG/KG		B10,3/7	
	95-57-8	2-Chlorophenol	390	U	UG/KG		B10,3/7	
	117-84-0	Di-n-octyl phthalate	390	U	UG/KG		B10,3/7	
	118-74-1	Hexachlorobenzene	390	U	UG/KG		B10,3/7	
	120-12-7	Anthracene	390	U	UG/KG		B10,3/7	
	120-83-2	2,4-Dichlorophenol	390	U	UG/KG		B10,3/7	
	121-14-2	2,4-Dinitrotoluene	390	U	UG/KG		B10,3/7	
	129-00-0	Pyrene	390	U	UG/KG		B10,3/7	
	132-64-9	Dibenzofuran	390	U	UG/KG		B10,3/7	
	191-24-2	Benzo(g,h,i)perylene	390	U	UG/KG		B10,3/7	
	193-39-5	Indeno(1,2,3-cd)pyrene	390	U	UG/KG		B10,3/7	
	206-44-0	Fluoranthene	390	U	UG/KG		B10,3/7	
	207-08-9	Benzo(k)fluoranthene	390	U	UG/KG		B10,3/7	
	208-96-8	Acenaphthylene	390	U	UG/KG		B10,3/7	
	534-52-1	4,6-Dinitro-2-methylphenol	1900	U	UG/KG		B10,3/7	
	541-73-1	1,3-Dichlorobenzene	390	U	UG/KG		B10,3/7	
	606-20-2	2,6-Dinitrotoluene	390	U	UG/KG		B10,3/7	
	7005-72-3	4-Chlorophenylphenyl ether	390	U	UG/KG		B10,3/7	
	621-64-7	N-Nitroso-di-n-propylamine	390	U	UG/KG		B10,3/7	
	218-01-9	Chrysene	390	U	UG/KG		B10,3/7	
	205-99-2	Benzo(b)fluoranthene	390	U	UG/KG		B10,3/7	
	131-11-3	Dimethyl phthalate	390	U	UG/KG		B10,3/7	
	120-82-1	1,2,4-Trichlorobenzene	390	U	UG/KG		B10,3/7	
	95-95-4	2,4,5-Trichlorophenol	1900	U	UG/KG		B10,3/7	
	98-95-3	Nitrobenzene	390	U	UG/KG		B10,3/7	
	99-09-2	3-Nitroaniline	1900	U	UG/KG		B10,3/7	
	IT0-001	% Moisture	16		% MOISTURE		B10,3/7	
	100-01-6	4-Nitroaniline	1900	U	UG/KG		B10,3/7	
	100-02-7	4-Nitrophenol	1900	U	UG/KG		B10,3/7	
	100-51-6	Benzyl alcohol	390	U	UG/KG		B10,3/7	
	105-67-9	2,4-Dimethylphenol	390	U	UG/KG		B10,3/7	
	106-44-5	4-Methylphenol	390	U	UG/KG		B10,3/7	
	106-46-7	1,4-Dichlorobenzene	390	U	UG/KG		B10,3/7	
	106-47-8	4-Chloroaniline	390	U	UG/KG		B10,3/7	
	108-60-1	bis(2-Chloroisopropyl)ether	390	U	UG/KG		B10,3/7	
	108-95-2	Phenol	390	U	UG/KG		B10,3/7	
	111-44-4	bis(2-Chloroethyl)ether	390	U	UG/KG		B10,3/7	
	111-91-1	bis(2-Chloroethoxy)methane	390	U	UG/KG		B10,3/7	
	101-55-3	4-Bromophenyl phenyl ether	390	U	UG/KG		B10,3/7	
	95-48-7	2-Methylphenol	390	U	UG/KG		B10,3/7	
	85-68-7	Butyl benzyl phthalate	390	U	UG/KG		B10,3/7	
	86-30-6	N-Nitrosodiphenylamine	390	U	UG/KG		B10,3/7	
	86-73-7	Fluorene	390	U	UG/KG		B10,3/7	
	87-68-3	Hexachlorobutadiene	390	U	UG/KG		B10,3/7	
	87-86-5	Pentachlorophenol	1900	U	UG/KG		B10,3/7	
	88-06-2	2,4,6-Trichlorophenol	390	U	UG/KG		B10,3/7	

Thu Jul 20

3 10 01115

APPENDIX A
ANALYTICAL RESULTS

SAMPLE NUMBER	PARAMETER CODE	COMPOUND/ANALYTE	RESULTS	QUALIFIER	UNITS	PRODUCT CODE	SAMPLE LOCATION	FLAG
JL	88-74-4	2-Nitroaniline	1900	U	UG/KG	ME 705	B10,3/7	TRG
	88-75-5	2-Nitrophenol	390	U	UG/KG		B10,3/7	
	83-32-9	Acenaphthene	390	U	UG/KG		B10,3/7	
	59-50-7	4-Chloro-3-methylphenol	390	U	UG/KG		B10,3/7	
	65-85-0	Benzoic acid	1900	U	UG/KG		B10,3/7	
	78-59-1	Isophorone	390	U	UG/KG		B10,3/7	
	77-47-4	Hexachlorocyclopentadiene	390	U	UG/KG		B10,3/7	
	67-72-1	Hexachloroethane	390	U	UG/KG		B10,3/7	
	53-70-3	Dibenzo(a,h)anthracene	390	U	UG/KG		B10,3/7	
	51-28-5	2,4-Dinitrophenol	1900	U	UG/KG		B10,3/7	
	56-23-5	Carbon Tetrachloride	6	U	UG/KG	MV 705	B10,3/7	
	74-87-3	Chloromethane	12	U	UG/KG		B10,3/7	
	75-00-3	Chloroethane	12	U	UG/KG		B10,3/7	
	75-01-4	Vinyl chloride	12	U	UG/KG		B10,3/7	
	75-09-2	Methylene chloride	10	B	UG/KG		B10,3/7	
	75-15-0	Carbon disulfide	6	U	UG/KG		B10,3/7	
	108-05-4	Vinyl Acetate	12	U	UG/KG		B10,3/7	
	108-10-1	4-Methyl-2-pentanone	12	U	UG/KG		B10,3/7	
	108-88-3	Toluene	5	J	UG/KG		B10,3/7	
	127-18-4	Tetrachloroethene	6	U	UG/KG		B10,3/7	
	124-48-1	Dibromochloromethane	6	U	UG/KG		B10,3/7	
	108-90-7	Chlorobenzene	6	U	UG/KG		B10,3/7	
	540-59-0	1,2-Dichloroethylene	6	U	UG/KG		B10,3/7	
	591-78-6	2-Hexanone	12	U	UG/KG		B10,3/7	
	1330-20-7	Total xylenes	6	U	UG/KG		B10,3/7	
	10061-01-5	cis-1,3-Dichloropropene	6	U	UG/KG		B10,3/7	
	10061-02-6	trans-1,3-Dichloropropene	6	U	UG/KG		B10,3/7	
	79-00-5	1,1,2-Trichloroethane	6	U	UG/KG		B10,3/7	
	79-01-6	Trichloroethene	5	J	UG/KG		B10,3/7	
	79-34-5	1,1,2,2-Tetrachloroethane	6	U	UG/KG		B10,3/7	
	ITO-001	% Moisture	16		% MOISTURE		B10,3/7	
	100-41-4	Ethylbenzene	6	U	UG/KG		B10,3/7	
	100-42-5	Styrene	6	U	UG/KG		B10,3/7	
	107-06-2	1,2-Dichloroethane	6	U	UG/KG		B10,3/7	
	78-93-3	2-Butanone	12	U	UG/KG		B10,3/7	
	78-87-5	1,2-Dichloropropane	6	U	UG/KG		B10,3/7	
	75-35-4	1,1-Dichloroethene	6	U	UG/KG		B10,3/7	
	75-34-3	1,1-Dichloroethane	6	U	UG/KG		B10,3/7	
	75-27-4	Bromodichloromethane	6	U	UG/KG		B10,3/7	
	75-25-2	Bromoform	6	U	UG/KG		B10,3/7	
	71-43-2	Benzene	6	U	UG/KG		B10,3/7	
	71-55-6	1,1,1-Trichloroethane	6	U	UG/KG		B10,3/7	
	74-83-9	Bromomethane	12	U	UG/KG		B10,3/7	
	67-66-3	Chloroform	6	U	UG/KG		B10,3/7	
	67-64-1	Acetone	73	B	UG/KG		B10,3/7	
	57-12-5	Cyanide	.6	U	MG/KG	WW 037	B10,3/7	

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APPENDIX A
ANALYTICAL RESULTS

SAMPLE NUMB	PARAMETER CODE	COMPOUND/ANALYTE	RESULTS	QUALIFIER	UNITS	PRODUCT CODE	SAMPLE LOCATION	FLAG
JL	7439-92-1	Lead	11.4	G	MG/KG	AG 704	B9,7/11	TRG
	7782-49-2	Selenium	.6	UWN	MG/KG		B9,7/11	
	7440-38-2	Arsenic	3	UN	MG/KG		B9,7/11	
	7440-28-0	Thallium	.2	UW	MG/KG		B9,7/11	
	IT0-003	% Solids	84.4		% SOLIDS	AP 706	B9,7/11	
	7440-39-3	Barium	25.5	B	MG/KG		B9,7/11	
	7440-41-7	Beryllium	.2	B	MG/KG		B9,7/11	
	7440-36-0	Antimony	4	UN	MG/KG		B9,7/11	
	7440-43-9	Cadmium	.6	U	MG/KG		B9,7/11	
	7440-47-3	Chromium	9	*	MG/KG		B9,7/11	
	7440-48-4	Cobalt	2	U	MG/KG		B9,7/11	
	7440-50-8	Copper	8		MG/KG		B9,7/11	
	7440-62-2	Vanadium	25		MG/KG		B9,7/11	
	7440-66-6	Zinc	23.7		MG/KG		B9,7/11	
	7440-70-2	Calcium	421	B	MG/KG		B9,7/11	
	7440-23-5	Sodium	212	B	MG/KG		B9,7/11	
	7439-89-6	Iron	11200	*	MG/KG		B9,7/11	
	7440-22-4	Silver	.6	UN	MG/KG		B9,7/11	
	7440-09-7	Potassium	118	B	MG/KG		B9,7/11	
	7440-02-0	Nickel	3	B	MG/KG		B9,7/11	
	7439-96-5	Manganese	11.7	*	MG/KG		B9,7/11	
	7439-95-4	Magnesium	232	B	MG/KG		B9,7/11	
	7429-90-5	Aluminum	13600	*	MG/KG		B9,7/11	
	7439-97-6	Mercury	.02	UN	MG/KG	AV 006	B9,7/11	
	50-29-3	4,4'-DDT	19	U	UG/KG	GC 723	B9,7/11	
	319-84-6	alpha-BHC	9.4	U	UG/KG		B9,7/11	
	319-85-7	beta-BHC	9.4	U	UG/KG		B9,7/11	
	11104-28-2	Aroclor-1221	94	U	UG/KG		B9,7/11	
	11141-16-5	Aroclor-1232	94	U	UG/KG		B9,7/11	
	12672-29-6	Aroclor-1248	94	U	UG/KG		B9,7/11	
	12674-11-2	Aroclor-1016	94	U	UG/KG		B9,7/11	
	33213-65-9	Endosulfan II	19	U	UG/KG		B9,7/11	
	53469-21-9	Aroclor-1242	94	U	UG/KG		B9,7/11	
	53494-70-5	Endrin ketone	19	U	UG/KG		B9,7/11	
	319-86-8	delta-BHC	9.4	U	UG/KG		B9,7/11	
	959-98-8	Endosulfan-I	9.4	U	UG/KG		B9,7/11	
	1024-57-3	Heptachlor epoxide	9.4	U	UG/KG		B9,7/11	
	1031-07-8	Endosulfan sulfate	19	U	UG/KG		B9,7/11	
	5103-71-9	alpha-Chlordane	94	U	UG/KG		B9,7/11	
	5103-74-2	gamma-Chlordane	94	U	UG/KG		B9,7/11	
	8001-35-2	Toxaphene	190	U	UG/KG		B9,7/11	
	11097-69-1	Aroclor-1254	190	U	UG/KG		B9,7/11	
	11096-82-5	Aroclor-1260	190	U	UG/KG		B9,7/11	
	309-00-2	Aldrin	9.4	U	UG/KG		B9,7/11	
	IT0-001	% Moisture	15		% MOISTURE		B9,7/11	
	76-44-8	Heptachlor	9.4	U	UG/KG		B9,7/11	
	72-55-9	4,4'-DDE	19	U	UG/KG		B9,7/11	
	72-20-8	Endrin	19	U	UG/KG		B9,7/11	
	72-43-5	Methoxychlor	94	U	UG/KG		B9,7/11	
	72-54-8	4,4'-DDD	19	U	UG/KG		B9,7/11	
	60-57-1	Dieldrin	19	U	UG/KG		B9,7/11	
	58-89-9	gamma-BHC (Lindane)	68	UZ	UG/KG		B9,7/11	

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APPENDIX A
ANALYTICAL RESULTS

SAMPLE NUMBER	PARAMETER CODE	COMPOUND/ANALYTE	RESULTS	QUALIFIER	UNITS	PRODUCT CODE	SAMPLE LOCATION	FLAG
JG-	50-32-8	Benzo(a)pyrene	380	U	UG/KG	ME 705	B9,7/11	TRG
	106-47-8	4-Chloroaniline	380	U	UG/KG		B9,7/11	
	108-60-1	bis(2-Chloroisopropyl)ether	380	U	UG/KG		B9,7/11	
	108-95-2	Phenol	1800		UG/KG		B9,7/11	
	111-91-1	bis(2-Chloroethoxy)methane	380	U	UG/KG		B9,7/11	
	117-81-7	bis(2-Ethylhexyl) phthalate	710	B	UG/KG		B9,7/11	
	117-84-0	Di-n-octyl phthalate	380	U	UG/KG		B9,7/11	
	120-12-7	Anthracene	380	U	UG/KG		B9,7/11	
	120-82-1	1,2,4-Trichlorobenzene	380	U	UG/KG		B9,7/11	
	120-83-2	2,4-Dichlorophenol	380	U	UG/KG		B9,7/11	
	129-00-0	Pyrene	380	U	UG/KG		B9,7/11	
	131-11-3	Dimethyl phthalate	380	U	UG/KG		B9,7/11	
	132-64-9	Dibenzofuran	380	U	UG/KG		B9,7/11	
	193-39-5	Indeno(1,2,3-cd)pyrene	380	U	UG/KG		B9,7/11	
	205-99-2	Benzo(b)fluoranthene	380	U	UG/KG		B9,7/11	
	206-44-0	Fluoranthene	380	U	UG/KG		B9,7/11	
	208-96-8	Acenaphthylene	380	U	UG/KG		B9,7/11	
	218-01-9	Chrysene	380	U	UG/KG		B9,7/11	
	207-08-9	Benzo(k)fluoranthene	380	U	UG/KG		B9,7/11	
	191-24-2	Benzo(g,h,i)perylene	380	U	UG/KG		B9,7/11	
	121-14-2	2,4-Dinitrotoluene	380	U	UG/KG		B9,7/11	
	118-74-1	Hexachlorobenzene	190	J	UG/KG		B9,7/11	
	111-44-4	bis(2-Chloroethyl)ether	380	U	UG/KG		B9,7/11	
	56-55-3	Benzo(a)anthracene	380	U	UG/KG		B9,7/11	
	534-52-1	4,6-Dinitro-2-methylphenol	1900	U	UG/KG		B9,7/11	
	541-73-1	1,3-Dichlorobenzene	380	U	UG/KG		B9,7/11	
	606-20-2	2,6-Dinitrotoluene	380	U	UG/KG		B9,7/11	
	88-06-2	2,4,6-Trichlorophenol	380	U	UG/KG		B9,7/11	
	621-64-7	N-Nitroso-di-n-propylamine	380	U	UG/KG		B9,7/11	
	7005-72-3	4-Chlorophenylphenyl ether	380	U	UG/KG		B9,7/11	
	88-74-4	2-Nitroaniline	1900	U	UG/KG		B9,7/11	
	88-75-5	2-Nitrophenol	380	U	UG/KG		B9,7/11	
	91-20-3	Naphthalene	380	U	UG/KG		B9,7/11	
	91-57-6	2-Methylnaphthalene	380	U	UG/KG		B9,7/11	
	91-58-7	2-Chloronaphthalene	380	U	UG/KG		B9,7/11	
	91-94-1	3,3'-Dichlorobenzidine	760	U	UG/KG		B9,7/11	
	95-48-7	2-Methylphenol	380	U	UG/KG		B9,7/11	
	95-50-1	1,2-Dichlorobenzene	380	U	UG/KG		B9,7/11	
	95-57-8	2-Chlorophenol	110	J	UG/KG		B9,7/11	
	95-95-4	2,4,5-Trichlorophenol	1900	U	UG/KG		B9,7/11	
	99-09-2	3-Nitroaniline	1900	U	UG/KG		B9,7/11	
	IT0-001	% Moisture	15		% MOISTURE		B9,7/11	
	100-01-6	4-Nitroaniline	1900	U	UG/KG		B9,7/11	
	100-02-7	4-Nitrophenol	1900	U	UG/KG		B9,7/11	
	100-51-6	Benzyl alcohol	40000	D	UG/KG		B9,7/11	
	101-55-3	4-Bromophenyl phenyl ether	380	U	UG/KG		B9,7/11	
	105-67-9	2,4-Dimethylphenol	380	U	UG/KG		B9,7/11	
	106-46-7	1,4-Dichlorobenzene	380	U	UG/KG		B9,7/11	
	106-44-5	4-Methylphenol	380	U	UG/KG		B9,7/11	
	98-95-3	Nitrobenzene	380	U	UG/KG		B9,7/11	
	59-50-7	4-Chloro-3-methylphenol	380	U	UG/KG		B9,7/11	
	65-85-0	Benzoic acid	30000	D	UG/KG		B9,7/11	
	86-73-7	Fluorene	380	U	UG/KG		B9,7/11	
	87-68-3	Hexachlorobutadiene	380	U	UG/KG		B9,7/11	
	87-86-5	Pentachlorophenol	1900	U	UG/KG		B9,7/11	
	86-30-6	N-Nitrosodiphenylamine	380	U	UG/KG		B9,7/11	

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APPENDIX A
ANALYTICAL RESULTS

SAM NUMB	PARAMETER CODE	COMPOUND/ANALYTE	RESULTS	QUALIFIER	UNITS	PRODUCT CODE	SAMPLE LOCATION	FLAG
	85-68-7	Butyl benzyl phthalate	380	U	UG/KG	ME 705	B9,7/11	TRG
	85-01-8	Phenanthrene	380	U	UG/KG		B9,7/11	
	84-74-2	Di-n-butyl phthalate	380	U	UG/KG		B9,7/11	
	84-66-2	Diethyl phthalate	380	U	UG/KG		B9,7/11	
	83-32-9	Acenaphthene	380	U	UG/KG		B9,7/11	
	78-59-1	Isophorone	380	U	UG/KG		B9,7/11	
	77-47-4	Hexachlorocyclopentadiene	380	U	UG/KG		B9,7/11	
	67-72-1	Hexachloroethane	380	U	UG/KG		B9,7/11	
	53-70-3	Dibenzo(a,h)anthracene	380	U	UG/KG		B9,7/11	
	51-28-5	2,4-Dinitrophenol	1900	U	UG/KG		B9,7/11	
	56-23-5	Carbon Tetrachloride	6	U	UG/KG	MV 705	B9,7/11	
	75-15-0	Carbon disulfide	6	U	UG/KG		B9,7/11	
	75-25-2	Bromoform	6	U	UG/KG		B9,7/11	
	100-41-4	Ethylbenzene	400	D	UG/KG		B9,7/11	
	100-42-5	Styrene	6	U	UG/KG		B9,7/11	
	107-06-2	1,2-Dichloroethane	6	U	UG/KG		B9,7/11	
	108-05-4	Vinyl Acetate	12	U	UG/KG		B9,7/11	
	108-88-3	Toluene	1000	D	UG/KG		B9,7/11	
	108-10-1	4-Methyl-2-pentanone	18		UG/KG		B9,7/11	
	108-90-7	Chlorobenzene	6	U	UG/KG		B9,7/11	
	124-48-1	Dibromochloromethane	6	U	UG/KG		B9,7/11	
	127-18-4	Tetrachloroethene	460	D	UG/KG		B9,7/11	
	540-59-0	1,2-Dichloroethylene	40		UG/KG		B9,7/11	
	591-78-6	2-Hexanone	12	U	UG/KG		B9,7/11	
	1330-20-7	Total xylenes	2700	D	UG/KG		B9,7/11	
	10061-01-5	cis-1,3-Dichloropropene	6	U	UG/KG		B9,7/11	
	10061-02-6	trans-1,3-Dichloropropene	6	U	UG/KG		B9,7/11	
	75-27-4	Bromodichloromethane	6	U	UG/KG		B9,7/11	
	75-34-3	1,1-Dichloroethane	69		UG/KG		B9,7/11	
	78-87-5	1,2-Dichloropropane	6	U	UG/KG		B9,7/11	
	78-93-3	2-Butanone	72		UG/KG		B9,7/11	
	79-00-5	1,1,2-Trichloroethane	7		UG/KG		B9,7/11	
	79-01-6	Trichloroethene	220		UG/KG		B9,7/11	
	79-34-5	1,1,2,2-Tetrachloroethane	1100	D	UG/KG		B9,7/11	
	IT0-001	% Moisture	15		% MOISTURE		B9,7/11	
	75-35-4	1,1-Dichloroethene	39		UG/KG		B9,7/11	
	75-09-2	Methylene chloride	140	B	UG/KG		B9,7/11	
	75-01-4	Vinyl chloride	12	U	UG/KG		B9,7/11	
	75-00-3	Chloroethane	12	U	UG/KG		B9,7/11	
	74-87-3	Chloromethane	12	U	UG/KG		B9,7/11	
	71-43-2	Benzene	7		UG/KG		B9,7/11	
	71-55-6	1,1,1-Trichloroethane	220	D	UG/KG		B9,7/11	
	74-83-9	Bromomethane	12	U	UG/KG		B9,7/11	
	67-66-3	Chloroform	51		UG/KG		B9,7/11	
	67-64-1	Acetone	170	B	UG/KG		B9,7/11	
	57-12-5	Cyanide	.6	U	MG/KG	WW 037	B9,7/11	

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APPENDIX A
ANALYTICAL RESULTS

SAMP[redacted] NUMBE	PARAMETER CODE	COMPOUND/ANALYTE	RESULTS	QUALIFIER	UNITS	PRODUCT CODE	SAMPLE LOCATION	FLAG
J6..	7439-92-1	Lead	7.7	SG	MG/KG	AG 704	B9,3/7	TRG
	7440-38-2	Arsenic	3	UWN	MG/KG		B9,3/7	
	7782-49-2	Selenium	.4	UWN	MG/KG		B9,3/7	
	7440-28-0	Thallium	.2	U	MG/KG		B9,3/7	
	ITO-003	% Solids	85.1		% SOLIDS	AP 706	B9,3/7	
	7439-95-4	Magnesium	227	B	MG/KG		B9,3/7	
	7440-39-3	Barium	45.1		MG/KG		B9,3/7	
	7440-41-7	Beryllium	.3	B	MG/KG		B9,3/7	
	7440-43-9	Cadmium	.6	U	MG/KG		B9,3/7	
	7440-36-0	Antimony	4	UN	MG/KG		B9,3/7	
	7440-48-4	Cobalt	2	U	MG/KG		B9,3/7	
	7440-50-8	Copper	23		MG/KG		B9,3/7	
	7440-62-2	Vanadium	16		MG/KG		B9,3/7	
	7440-66-6	Zinc	42.7		MG/KG		B9,3/7	
	7440-70-2	Calcium	736	B	MG/KG		B9,3/7	
	7440-47-3	Chromium	6	*	MG/KG		B9,3/7	
	7439-96-5	Manganese	58.3	*	MG/KG		B9,3/7	
	7440-23-5	Sodium	162	B	MG/KG		B9,3/7	
	7440-22-4	Silver	.6	UN	MG/KG		B9,3/7	
	7440-09-7	Potassium	118	B	MG/KG		B9,3/7	
	7440-02-0	Nickel	2	U	MG/KG		B9,3/7	
[redacted]	7439-89-6	Iron	7920	*	MG/KG		B9,3/7	
	7429-90-5	Aluminum	6080	*	MG/KG		B9,3/7	
	7439-97-6	Mercury	.16	N	MG/KG	AV 006	B9,3/7	
	50-29-3	4,4'-DDT	38	U	UG/KG	GC 723	B9,3/7	
	72-20-8	Endrin	38	U	UG/KG		B9,3/7	
	11097-69-1	Aroclor-1254	380	U	UG/KG		B9,3/7	
	11104-28-2	Aroclor-1221	190	U	UG/KG		B9,3/7	
	11141-16-5	Aroclor-1232	420	UZ	UG/KG		B9,3/7	
	12672-29-6	Aroclor-1248	300	UZ	UG/KG		B9,3/7	
	12674-11-2	Aroclor-1016	190	U	UG/KG		B9,3/7	
	33213-65-9	Endosulfan II	38	U	UG/KG		B9,3/7	
	53469-21-9	Aroclor-1242	510		UG/KG		B9,3/7	
	53494-70-5	Endrin ketone	38	U	UG/KG		B9,3/7	
	72-43-5	Methoxychlor	190	U	UG/KG		B9,3/7	
	72-54-8	4,4'-DDD	38	U	UG/KG		B9,3/7	
	72-55-9	4,4'-DDE	38	U	UG/KG		B9,3/7	
	1024-57-3	Heptachlor epoxide	19	U	UG/KG		B9,3/7	
	1031-07-8	Endosulfan sulfate	38	U	UG/KG		B9,3/7	
	5103-71-9	alpha-Chlordane	190	U	UG/KG		B9,3/7	
	5103-74-2	gamma-Chlordane	190	U	UG/KG		B9,3/7	
	11096-82-5	Aroclor-1260	380	U	UG/KG		B9,3/7	
	8001-35-2	Toxaphene	380	U	UG/KG		B9,3/7	
	959-98-8	Endosulfan-I	19	U	UG/KG		B9,3/7	
	319-86-8	delta-BHC	19	U	UG/KG		B9,3/7	
	319-85-7	beta-BHC	39	UZ	UG/KG		B9,3/7	
	319-84-6	alpha-BHC	19	U	UG/KG		B9,3/7	
	309-00-2	Aldrin	19	U	UG/KG		B9,3/7	
	ITO-001	% Moisture	16		% MOISTURE		B9,3/7	
	76-44-8	Heptachlor	19	U	UG/KG		B9,3/7	
	60-57-1	Dieldrin	38	U	UG/KG		B9,3/7	
	58-89-9	gamma-BHC (Lindane)	63	UZ	UG/KG		B9,3/7	

APPENDIX A
ANALYTICAL RESULTS

3 10 01120

SAMPLE NUM	PARAMETER CODE	COMPOUND/ANALYTE	RESULTS	QUALIFIER	UNITS	PRODUCT CODE	SAMPLE LOCATION	FLAG
	50-32-8	Benzo(a)pyrene	1200	U	UG/KG	ME 705	B9,3/7	TRG
	56-55-3	Benzo(a)anthracene	1200	U	UG/KG		B9,3/7	
	106-46-7	1,4-Dichlorobenzene	1200	U	UG/KG		B9,3/7	
	106-47-8	4-Chloroaniline	1200	U	UG/KG		B9,3/7	
	108-60-1	bis(2-Chloroisopropyl)ether	1200	U	UG/KG		B9,3/7	
	111-44-4	bis(2-Chloroethyl)ether	1200	U	UG/KG		B9,3/7	
	111-91-1	bis(2-Chloroethoxy)methane	1200	U	UG/KG		B9,3/7	
	117-81-7	bis(2-Ethylhexyl) phthalate	1100	BJ	UG/KG		B9,3/7	
	118-74-1	Hexachlorobenzene	1200	U	UG/KG		B9,3/7	
	120-12-7	Anthracene	1200	U	UG/KG		B9,3/7	
	120-82-1	1,2,4-Trichlorobenzene	1200	U	UG/KG		B9,3/7	
	121-14-2	2,4-Dinitrotoluene	1200	U	UG/KG		B9,3/7	
	129-00-0	Pyrene	1200	U	UG/KG		B9,3/7	
	131-11-3	Dimethyl phthalate	1200	U	UG/KG		B9,3/7	
	191-24-2	Benzo(g,h,i)perylene	1200	U	UG/KG		B9,3/7	
	193-39-5	Indeno(1,2,3-cd)pyrene	1200	U	UG/KG		B9,3/7	
	205-99-2	Benzo(b)fluoranthene	1200	U	UG/KG		B9,3/7	
	207-08-9	Benzo(k)fluoranthene	1200	U	UG/KG		B9,3/7	
	208-96-8	Acenaphthylene	1200	U	UG/KG		B9,3/7	
	218-01-9	Chrysene	1200	U	UG/KG		B9,3/7	
	541-73-1	1,3-Dichlorobenzene	1200	U	UG/KG		B9,3/7	
	606-20-2	2,6-Dinitrotoluene	1200	U	UG/KG		B9,3/7	
	621-64-7	N-Nitroso-di-n-propylamine	1200	U	UG/KG		B9,3/7	
	7005-72-3	4-Chlorophenylphenyl ether	1200	U	UG/KG		B9,3/7	
	534-52-1	4,6-Dinitro-2-methylphenol	5700	U	UG/KG		B9,3/7	
	206-44-0	Fluoranthene	1200	U	UG/KG		B9,3/7	
	132-64-9	Dibenzofuran	1200	U	UG/KG		B9,3/7	
	120-83-2	2,4-Dichlorophenol	1200	U	UG/KG		B9,3/7	
	117-84-0	Di-n-octyl phthalate	1200	U	UG/KG		B9,3/7	
	108-95-2	Phenol	1200	U	UG/KG		B9,3/7	
	59-50-7	4-Chloro-3-methylphenol	1200	U	UG/KG		B9,3/7	
	91-20-3	Naphthalene	1200	U	UG/KG		B9,3/7	
	91-57-6	2-Methylnaphthalene	1200	U	UG/KG		B9,3/7	
	65-85-0	Benzoic acid	110000	D	UG/KG		B9,3/7	
	91-58-7	2-Chloronaphthalene	1200	U	UG/KG		B9,3/7	
	84-74-2	Di-n-butyl phthalate	1200	U	UG/KG		B9,3/7	
	86-30-6	N-Nitrosodiphenylamine	1200	U	UG/KG		B9,3/7	
	91-94-1	3,3'-Dichlorobenzidine	2300	U	UG/KG		B9,3/7	
	95-48-7	2-Methylphenol	1200	U	UG/KG		B9,3/7	
	95-50-1	1,2-Dichlorobenzene	1200	U	UG/KG		B9,3/7	
	95-57-8	2-Chlorophenol	1200	U	UG/KG		B9,3/7	
	98-95-3	Nitrobenzene	1200	U	UG/KG		B9,3/7	
	99-09-2	3-Nitroaniline	5700	U	UG/KG		B9,3/7	
	IT0-001	% Moisture	16		% MOISTURE		B9,3/7	
	100-01-6	4-Nitroaniline	5700	U	UG/KG		B9,3/7	
	100-02-7	4-Nitrophenol	5700	U	UG/KG		B9,3/7	
	100-51-6	Benzyl alcohol	230000	D	UG/KG		B9,3/7	
	101-55-3	4-Bromophenyl phenyl ether	1200	U	UG/KG		B9,3/7	
	106-44-5	4-Methylphenol	1200	U	UG/KG		B9,3/7	
	105-67-9	2,4-Dimethylphenol	1200	U	UG/KG		B9,3/7	
	95-95-4	2,4,5-Trichlorophenol	5700	U	UG/KG		B9,3/7	
	86-73-7	Fluorene	1200	U	UG/KG		B9,3/7	
	87-68-3	Hexachlorobutadiene	1200	U	UG/KG		B9,3/7	
	87-86-5	Pentachlorophenol	5700	U	UG/KG		B9,3/7	
	88-06-2	2,4,6-Trichlorophenol	1200	U	UG/KG		B9,3/7	
	88-75-5	2-Nitrophenol	1200	U	UG/KG		B9,3/7	

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APPENDIX A
ANALYTICAL RESULTS

SAMPLE NUM	PARAMETER CODE	COMPOUND/ANALYTE	RESULTS	QUALIFIER	UNITS	PRODUCT CODE	SAMPLE LOCATION	FLAG
	88-74-4	2-Nitroaniline	5700	U	UG/KG	ME 705	B9,3/7	TRG
	85-68-7	Butyl benzyl phthalate	1200	U	UG/KG		B9,3/7	
	85-01-8	Phenanthrene	1200	U	UG/KG		B9,3/7	
	84-66-2	Diethyl phthalate	1200	U	UG/KG		B9,3/7	
	83-32-9	Acenaphthene	1200	U	UG/KG		B9,3/7	
	78-59-1	Isophorone	1200	U	UG/KG		B9,3/7	
	77-47-4	Hexachlorocyclopentadiene	1200	U	UG/KG		B9,3/7	
	67-72-1	Hexachloroethane	1200	U	UG/KG		B9,3/7	
	53-70-3	Dibenzo(a,h)anthracene	1200	U	UG/KG		B9,3/7	
	51-28-5	2,4-Dinitrophenol	5700	U	UG/KG		B9,3/7	
	56-23-5	Carbon Tetrachloride	30	U	UG/KG	MV 705	B9,3/7	
	71-43-2	Benzene	30	U	UG/KG		B9,3/7	
	75-09-2	Methylene chloride	64	B	UG/KG		B9,3/7	
	79-01-6	Trichloroethene	94		UG/KG		B9,3/7	
	79-34-5	1,1,2,2-Tetrachloroethane	1100		UG/KG		B9,3/7	
	ITO-001	% Moisture	16		% MOISTURE		B9,3/7	
	100-42-5	Styrene	30	U	UG/KG		B9,3/7	
	107-06-2	1,2-Dichloroethane	30	U	UG/KG		B9,3/7	
	108-05-4	Vinyl Acetate	60	U	UG/KG		B9,3/7	
	108-10-1	4-Methyl-2-pentanone	60	U	UG/KG		B9,3/7	
	108-88-3	Toluene	520	D	UG/KG		B9,3/7	
	108-90-7	Chlorobenzene	30	U	UG/KG		B9,3/7	
	124-48-1	Dibromochloromethane	30	U	UG/KG		B9,3/7	
	540-59-0	1,2-Dichloroethylene	30	U	UG/KG		B9,3/7	
	591-78-6	2-Hexanone	60	U	UG/KG		B9,3/7	
	1330-20-7	Total xylenes	3600	D	UG/KG		B9,3/7	
	10061-01-5	cis-1,3-Dichloropropene	30	U	UG/KG		B9,3/7	
	10061-02-6	trans-1,3-Dichloropropene	30	U	UG/KG		B9,3/7	
	127-18-4	Tetrachloroethene	450		UG/KG		B9,3/7	
	100-41-4	Ethylbenzene	630		UG/KG		B9,3/7	
	75-15-0	Carbon disulfide	30	U	UG/KG		B9,3/7	
	75-25-2	Bromoform	30	U	UG/KG		B9,3/7	
	75-27-4	Bromodichloromethane	30	U	UG/KG		B9,3/7	
	75-34-3	1,1-Dichloroethane	30	U	UG/KG		B9,3/7	
	75-35-4	1,1-Dichloroethene	30	U	UG/KG		B9,3/7	
	78-87-5	1,2-Dichloropropane	30	U	UG/KG		B9,3/7	
	78-93-3	2-Butanone	30	J	UG/KG		B9,3/7	
	79-00-5	1,1,2-Trichloroethane	30	U	UG/KG		B9,3/7	
	71-55-6	1,1,1-Trichloroethane	58		UG/KG		B9,3/7	
	75-00-3	Chloroethane	60	U	UG/KG		B9,3/7	
	75-01-4	Vinyl chloride	60	U	UG/KG		B9,3/7	
	74-87-3	Chloromethane	60	U	UG/KG		B9,3/7	
	74-83-9	Bromomethane	60	U	UG/KG		B9,3/7	
	67-66-3	Chloroform	11	J	UG/KG		B9,3/7	
	67-64-1	Acetone	250	B	UG/KG		B9,3/7	
	57-12-5	Cyanide	.6	U	MG/KG	WW 037	B9,3/7	

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APPENDIX A
ANALYTICAL RESULTS

SAMPLE NUMBER	PARAMETER CODE	COMPOUND/ANALYTE	RESULTS	QUALIFIER	UNITS	PRODUCT CODE	SAMPLE LOCATION	FLAG
[redacted]	7439-92-1	Lead	2.9	SG	MG/KG	AG 704	B9,11/15	TRG
	7782-49-2	Selenium	.4	UN	MG/KG		B9,11/15	
	7440-38-2	Arsenic	2	UN	MG/KG		B9,11/15	
	7440-28-0	Thallium	.2	UW	MG/KG		B9,11/15	
	ITO-003	% Solids	92.4		% SOLIDS	AP 706	B9,11/15	
	7440-39-3	Barium	19.5	B	MG/KG		B9,11/15	
	7440-41-7	Beryllium	.2	B	MG/KG		B9,11/15	
	7440-43-9	Cadmium	.5	U	MG/KG		B9,11/15	
	7440-47-3	Chromium	2	U*	MG/KG		B9,11/15	
	7439-96-5	Manganese	6.4	*	MG/KG		B9,11/15	
	7440-48-4	Cobalt	2	U	MG/KG		B9,11/15	
	7440-50-8	Copper	3	B	MG/KG		B9,11/15	
	7440-62-2	Vanadium	10		MG/KG		B9,11/15	
	7440-66-6	Zinc	13.2		MG/KG		B9,11/15	
	7440-70-2	Calcium	255	B	MG/KG		B9,11/15	
	7440-02-0	Nickel	2	U	MG/KG		B9,11/15	
	7440-09-7	Potassium	108	U	MG/KG		B9,11/15	
	7440-22-4	Silver	.5	UN	MG/KG		B9,11/15	
	7440-23-5	Sodium	174	B	MG/KG		B9,11/15	
	7440-36-0	Antimony	3	UN	MG/KG		B9,11/15	
	7439-89-6	Iron	1170	*	MG/KG		B9,11/15	
	7439-95-4	Magnesium	95	B	MG/KG		B9,11/15	
[redacted]	7429-90-5	Aluminum	2990	*	MG/KG		B9,11/15	
	7439-97-6	Mercury	.02	UN	MG/KG	AV 006	B9,11/15	
	50-29-3	4,4'-DDT	19	U	UG/KG	GC 723	B9,11/15	
	319-84-6	alpha-BHC	9.5	U	UG/KG		B9,11/15	
	319-85-7	beta-BHC	9.5	U	UG/KG		B9,11/15	
	11104-28-2	Aroclor-1221	95	U	UG/KG		B9,11/15	
	11141-16-5	Aroclor-1232	95	U	UG/KG		B9,11/15	
	12672-29-6	Aroclor-1248	95	U	UG/KG		B9,11/15	
	12674-11-2	Aroclor-1016	95	U	UG/KG		B9,11/15	
	33213-65-9	Endosulfan II	19	U	UG/KG		B9,11/15	
	53469-21-9	Aroclor-1242	95	U	UG/KG		B9,11/15	
	53494-70-5	Endrin ketone	19	U	UG/KG		B9,11/15	
	319-86-8	delta-BHC	9.5	U	UG/KG		B9,11/15	
	959-98-8	Endosulfan-I	9.5	U	UG/KG		B9,11/15	
	1024-57-3	Heptachlor epoxide	9.5	U	UG/KG		B9,11/15	
	1031-07-8	Endosulfan sulfate	19	U	UG/KG		B9,11/15	
	5103-71-9	alpha-Chlordane	95	U	UG/KG		B9,11/15	
	5103-74-2	gamma-Chlordane	95	U	UG/KG		B9,11/15	
	8001-35-2	Toxaphene	190	U	UG/KG		B9,11/15	
	11097-69-1	Aroclor-1254	190	U	UG/KG		B9,11/15	
	11096-82-5	Aroclor-1260	190	U	UG/KG		B9,11/15	
	309-00-2	Aldrin	9.5	U	UG/KG		B9,11/15	
	ITO-001	% Moisture	16		% MOISTURE		B9,11/15	
	76-44-8	Heptachlor	9.5	U	UG/KG		B9,11/15	
	72-55-9	4,4'-DDE	19	U	UG/KG		B9,11/15	
	72-20-8	Endrin	19	U	UG/KG		B9,11/15	
	72-43-5	Methoxychlor	95	U	UG/KG		B9,11/15	
	72-54-8	4,4'-DDD	19	U	UG/KG		B9,11/15	
	60-57-1	Dieldrin	19	U	UG/KG		B9,11/15	
	58-89-9	gamma-BHC (Lindane)	9.5	U	UG/KG		B9,11/15	

3 10 01123

APPENDIX A
ANALYTICAL RESULTS

SAMPLE NUMB	PARAMETER CODE	COMPOUND/ANALYTE	RESULTS	QUALIFIER	UNITS	PRODUCT CODE	SAMPLE LOCATION	FLAG
Ju	50-32-8	Benzo(a)pyrene	1600	U	UG/KG	ME 705	B9,11/15	TRG
	108-60-1	bis(2-Chloroisopropyl)ether	1600	U	UG/KG		B9,11/15	
	108-95-2	Phenol	1600	U	UG/KG		B9,11/15	
	111-44-4	bis(2-Chloroethyl)ether	1600	U	UG/KG		B9,11/15	
	117-81-7	bis(2-Ethylhexyl) phthalate	1400	BJ	UG/KG		B9,11/15	
	117-84-0	Di-n-octyl phthalate	1600	U	UG/KG		B9,11/15	
	118-74-1	Hexachlorobenzene	1600	U	UG/KG		B9,11/15	
	120-12-7	Anthracene	1600	U	UG/KG		B9,11/15	
	120-82-1	1,2,4-Trichlorobenzene	1600	U	UG/KG		B9,11/15	
	120-83-2	2,4-Dichlorophenol	1600	U	UG/KG		B9,11/15	
	131-11-3	Dimethyl phthalate	1600	U	UG/KG		B9,11/15	
	129-00-0	Pyrene	1600	U	UG/KG		B9,11/15	
	121-14-2	2,4-Dinitrotoluene	1600	U	UG/KG		B9,11/15	
	132-64-9	Dibenzofuran	1600	U	UG/KG		B9,11/15	
	111-91-1	bis(2-Chloroethoxy)methane	1600	U	UG/KG		B9,11/15	
	56-55-3	Benzo(a)anthracene	1600	U	UG/KG		B9,11/15	
	191-24-2	Benzo(g,h,i)perylene	1600	U	UG/KG		B9,11/15	
	193-39-5	Indeno(1,2,3-cd)pyrene	1600	U	UG/KG		B9,11/15	
	59-50-7	4-Chloro-3-methylphenol	1600	U	UG/KG		B9,11/15	
	88-74-4	2-Nitroaniline	7600	U	UG/KG		B9,11/15	
	88-75-5	2-Nitrophenol	1600	U	UG/KG		B9,11/15	
	91-20-3	Naphthalene	1600	U	UG/KG		B9,11/15	
	91-58-7	2-Chloronaphthalene	1600	U	UG/KG		B9,11/15	
	205-99-2	Benzo(b)fluoranthene	1600	U	UG/KG		B9,11/15	
	206-44-0	Fluoranthene	1600	U	UG/KG		B9,11/15	
	207-08-9	Benzo(k)fluoranthene	1600	U	UG/KG		B9,11/15	
	91-94-1	3,3'-Dichlorobenzidine	3100	U	UG/KG		B9,11/15	
	208-96-8	Acenaphthylene	1600	U	UG/KG		B9,11/15	
	218-01-9	Chrysene	1600	U	UG/KG		B9,11/15	
	534-52-1	4,6-Dinitro-2-methylphenol	7600	U	UG/KG		B9,11/15	
	95-48-7	2-Methylphenol	1600	U	UG/KG		B9,11/15	
	95-50-1	1,2-Dichlorobenzene	1600	U	UG/KG		B9,11/15	
	541-73-1	1,3-Dichlorobenzene	1600	U	UG/KG		B9,11/15	
	606-20-2	2,6-Dinitrotoluene	1600	U	UG/KG		B9,11/15	
	621-64-7	N-Nitroso-di-n-propylamine	1600	U	UG/KG		B9,11/15	
	7005-72-3	4-Chlorophenylphenyl ether	1600	U	UG/KG		B9,11/15	
	95-57-8	2-Chlorophenol	1600	U	UG/KG		B9,11/15	
	95-95-4	2,4,5-Trichlorophenol	7600	U	UG/KG		B9,11/15	
	98-95-3	Nitrobenzene	1600	U	UG/KG		B9,11/15	
	IT0-001	% Moisture	16		% MOISTURE		B9,11/15	
	100-01-6	4-Nitroaniline	7600	U	UG/KG		B9,11/15	
	100-02-7	4-Nitrophenol	7600	U	UG/KG		B9,11/15	
	100-51-6	Benzyl alcohol	15000		UG/KG		B9,11/15	
	101-55-3	4-Bromophenyl phenyl ether	1600	U	UG/KG		B9,11/15	
	105-67-9	2,4-Dimethylphenol	1600	U	UG/KG		B9,11/15	
	106-44-5	4-Methylphenol	1600	U	UG/KG		B9,11/15	
	106-47-8	4-Chloroaniline	1600	U	UG/KG		B9,11/15	
	106-46-7	1,4-Dichlorobenzene	1600	U	UG/KG		B9,11/15	
	99-09-2	3-Nitroaniline	7600	U	UG/KG		B9,11/15	
	91-57-6	2-Methylnaphthalene	1600	U	UG/KG		B9,11/15	
	65-85-0	Benzoic acid	23000		UG/KG		B9,11/15	
	84-74-2	Di-n-butyl phthalate	1600	U	UG/KG		B9,11/15	
	85-68-7	Butyl benzyl phthalate	1600	U	UG/KG		B9,11/15	
	85-01-8	Phenanthrene	1600	U	UG/KG		B9,11/15	
	86-73-7	Fluorene	1600	U	UG/KG		B9,11/15	
	87-68-3	Hexachlorobutadiene	1600	U	UG/KG		B9,11/15	

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APPENDIX A
ANALYTICAL RESULTS

SAMPLE NUM	PARAMETER CODE	COMPOUND/ANALYTE	RESULTS	QUALIFIER	UNITS	PRODUCT CODE	SAMPLE LOCATION	FLAG
	87-86-5	Pentachlorophenol	7600	U	UG/KG	ME 705	B9,11/15	TRG
	88-06-2	2,4,6-Trichlorophenol	1600	U	UG/KG		B9,11/15	
	86-30-6	N-Nitrosodiphenylamine	1600	U	UG/KG		B9,11/15	
	78-59-1	Isophorone	1600	U	UG/KG		B9,11/15	
	84-66-2	Diethyl phthalate	1600	U	UG/KG		B9,11/15	
	83-32-9	Acenaphthene	1600	U	UG/KG		B9,11/15	
	77-47-4	Hexachlorocyclopentadiene	1600	U	UG/KG		B9,11/15	
	67-72-1	Hexachloroethane	1600	U	UG/KG		B9,11/15	
	53-70-3	Dibenzo(a,h)anthracene	1600	U	UG/KG		B9,11/15	
	51-28-5	2,4-Dinitrophenol	7600	U	UG/KG		B9,11/15	
	56-23-5	Carbon Tetrachloride	30	U	UG/KG	MV 705	B9,11/15	
	74-87-3	Chloromethane	60	U	UG/KG		B9,11/15	
	75-00-3	Chloroethane	60	U	UG/KG		B9,11/15	
	75-15-0	Carbon disulfide	30	U	UG/KG		B9,11/15	
	75-09-2	Methylene chloride	100	B	UG/KG		B9,11/15	
	ITO-001	% Moisture	16		% MOISTURE		B9,11/15	
	100-41-4	Ethylbenzene	6	J	UG/KG		B9,11/15	
	100-42-5	Styrene	30	U	UG/KG		B9,11/15	
	107-06-2	1,2-Dichloroethane	30	U	UG/KG		B9,11/15	
	108-10-1	4-Methyl-2-pentanone	18	J	UG/KG		B9,11/15	
	108-05-4	Vinyl Acetate	60	U	UG/KG		B9,11/15	
	108-88-3	Toluene	110		UG/KG		B9,11/15	
	108-90-7	Chlorobenzene	30	U	UG/KG		B9,11/15	
	124-48-1	Dibromochloromethane	30	U	UG/KG		B9,11/15	
	127-18-4	Tetrachloroethene	30	U	UG/KG		B9,11/15	
	540-59-0	1,2-Dichloroethylene	12	J	UG/KG		B9,11/15	
	591-78-6	2-Hexanone	60	U	UG/KG		B9,11/15	
	1330-20-7	Total xylenes	52		UG/KG		B9,11/15	
	10061-02-6	trans-1,3-Dichloropropene	30	U	UG/KG		B9,11/15	
	10061-01-5	cis-1,3-Dichloropropene	30	U	UG/KG		B9,11/15	
	75-25-2	Bromoform	30	U	UG/KG		B9,11/15	
	75-27-4	Bromodichloromethane	30	U	UG/KG		B9,11/15	
	75-34-3	1,1-Dichloroethane	30	U	UG/KG		B9,11/15	
	75-35-4	1,1-Dichloroethene	44		UG/KG		B9,11/15	
	78-87-5	1,2-Dichloropropane	30	U	UG/KG		B9,11/15	
	78-93-3	2-Butanone	230		UG/KG		B9,11/15	
	79-34-5	1,1,2,2-Tetrachloroethane	370		UG/KG		B9,11/15	
	79-01-6	Trichloroethene	61		UG/KG		B9,11/15	
	79-00-5	1,1,2-Trichloroethane	30	U	UG/KG		B9,11/15	
	75-01-4	Vinyl chloride	60	U	UG/KG		B9,11/15	
	71-43-2	Benzene	30	U	UG/KG		B9,11/15	
	71-55-6	1,1,1-Trichloroethane	110		UG/KG		B9,11/15	
	74-83-9	Bromomethane	60	U	UG/KG		B9,11/15	
	67-66-3	Chloroform	28		UG/KG		B9,11/15	
	67-64-1	Acetone	360	B	UG/KG		B9,11/15	
	57-12-5	Cyanide	.5	U	MG/KG	WW 037	B9,11/15	

3 10 01125

APPENDIX A
ANALYTICAL RESULTS

SAMPLE NUMBER	PARAMETER CODE	COMPOUND/ANALYTE	RESULTS	QUALIFIER	UNITS	PRODUCT CODE	SAMPLE LOCATION	FLAG
	7439-92-1	Lead	6	G	MG/KG	AG 704	B1,3/7	TRG
	7440-38-2	Arsenic	4	UWN	MG/KG		B1,3/7	
	7782-49-2	Selenium	3	UWN	MG/KG		B1,3/7	
	7440-28-0	Thallium	.2	UW	MG/KG		B1,3/7	
	ITO-003	% Solids	89.4		% SOLIDS	AP 706	B1,3/7	
	7440-50-8	Copper	2	B	MG/KG		B1,3/7	
	7440-62-2	Vanadium	10		MG/KG		B1,3/7	
	7440-66-6	Zinc	4.3		MG/KG		B1,3/7	
	7440-70-2	Calcium	158	B	MG/KG		B1,3/7	
	7440-23-5	Sodium	41	B	MG/KG		B1,3/7	
	7440-39-3	Barium	19.9	B	MG/KG		B1,3/7	
	7440-41-7	Beryllium	.1	B	MG/KG		B1,3/7	
	7440-43-9	Cadmium	.6	U	MG/KG		B1,3/7	
	7440-47-3	Chromium	4	*	MG/KG		B1,3/7	
	7440-48-4	Cobalt	3	B	MG/KG		B1,3/7	
	7440-36-0	Antimony	3	UN	MG/KG		B1,3/7	
	7440-22-4	Silver	.6	UN	MG/KG		B1,3/7	
	7440-09-7	Potassium	112	U	MG/KG		B1,3/7	
	7439-95-4	Magnesium	115	B	MG/KG		B1,3/7	
	7439-96-5	Manganese	11.1	*	MG/KG		B1,3/7	
	7440-02-0	Nickel	2	U	MG/KG		B1,3/7	
	7439-89-6	Iron	2730	*	MG/KG		B1,3/7	
	7429-90-5	Aluminum	3310	*	MG/KG		B1,3/7	
	7439-97-6	Mercury	.03	N	MG/KG	AV 006	B1,3/7	
	50-29-3	4,4'-DDT	18	U	UG/KG	GC 723	B1,3/7	
	72-20-8	Endrin	18	U	UG/KG		B1,3/7	
	309-00-2	Aldrin	9	U	UG/KG		B1,3/7	
	319-84-6	alpha-BHC	9	U	UG/KG		B1,3/7	
	11097-69-1	Aroclor-1254	180	U	UG/KG		B1,3/7	
	11104-28-2	Aroclor-1221	90	U	UG/KG		B1,3/7	
	11141-16-5	Aroclor-1232	90	U	UG/KG		B1,3/7	
	12674-11-2	Aroclor-1016	90	U	UG/KG		B1,3/7	
	12672-29-6	Aroclor-1248	90	U	UG/KG		B1,3/7	
	33213-65-9	Endosulfan II	18	U	UG/KG		B1,3/7	
	53469-21-9	Aroclor-1242	90	U	UG/KG		B1,3/7	
	53494-70-5	Endrin ketone	18	U	UG/KG		B1,3/7	
	319-85-7	beta-BHC	9	U	UG/KG		B1,3/7	
	319-86-8	delta-BHC	9	U	UG/KG		B1,3/7	
	1024-57-3	Heptachlor epoxide	9	U	UG/KG		B1,3/7	
	1031-07-8	Endosulfan sulfate	18	U	UG/KG		B1,3/7	
	5103-71-9	alpha-Chlordane	90	U	UG/KG		B1,3/7	
	5103-74-2	gamma-Chlordane	90	U	UG/KG		B1,3/7	
	11096-82-5	Aroclor-1260	180	U	UG/KG		B1,3/7	
	8001-35-2	Toxaphene	180	U	UG/KG		B1,3/7	
	959-98-8	Endosulfan-I	9	U	UG/KG		B1,3/7	
	72-43-5	Methoxychlor	90	U	UG/KG		B1,3/7	
	72-54-8	4,4'-DDD	18	U	UG/KG		B1,3/7	
	ITO-001	% Moisture	11		% MOISTURE		B1,3/7	
	76-44-8	Heptachlor	9	U	UG/KG		B1,3/7	
	72-55-9	4,4'-DDE	18	U	UG/KG		B1,3/7	
	60-57-1	Dieldrin	18	U	UG/KG		B1,3/7	
	58-89-9	gamma-BHC (Lindane)	9	U	UG/KG		B1,3/7	

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APPENDIX A
ANALYTICAL RESULTS

SAMPLE NUMB	PARAMETER CODE	COMPOUND/ANALYTE	RESULTS	QUALIFIER	UNITS	PRODUCT CODE	SAMPLE LOCATION	FLAG
J	50-32-8	Benzo(a)pyrene	1500	U	UG/KG	ME 705	B1,3/7	TRG
	101-55-3	4-Bromophenyl phenyl ether	1500	U	UG/KG		B1,3/7	
	105-67-9	2,4-Dimethylphenol	1500	U	UG/KG		B1,3/7	
	106-47-8	4-Chloroaniline	1500	U	UG/KG		B1,3/7	
	108-60-1	bis(2-Chloroisopropyl)ether	1500	U	UG/KG		B1,3/7	
	108-95-2	Phenol	1500	U	UG/KG		B1,3/7	
	111-91-1	bis(2-Chloroethoxy)methane	1500	U	UG/KG		B1,3/7	
	117-81-7	bis(2-Ethylhexyl) phthalate	1000	BJ	UG/KG		B1,3/7	
	117-84-0	Di-n-octyl phthalate	1500	U	UG/KG		B1,3/7	
	120-12-7	Anthracene	1500	U	UG/KG		B1,3/7	
	120-82-1	1,2,4-Trichlorobenzene	1500	U	UG/KG		B1,3/7	
	120-83-2	2,4-Dichlorophenol	1500	U	UG/KG		B1,3/7	
	129-00-0	Pyrene	1500	U	UG/KG		B1,3/7	
	131-11-3	Dimethyl phthalate	1500	U	UG/KG		B1,3/7	
	132-64-9	Dibenzofuran	1500	U	UG/KG		B1,3/7	
	193-39-5	Indeno(1,2,3-cd)pyrene	1500	U	UG/KG		B1,3/7	
	205-99-2	Benzo(b)fluoranthene	1500	U	UG/KG		B1,3/7	
	206-44-0	Fluoranthene	1500	U	UG/KG		B1,3/7	
	208-96-8	Acenaphthylene	1500	U	UG/KG		B1,3/7	
	218-01-9	Chrysene	1500	U	UG/KG		B1,3/7	
	534-52-1	4,6-Dinitro-2-methylphenol	7100	U	UG/KG		B1,3/7	
	606-20-2	2,6-Dinitrotoluene	1500	U	UG/KG		B1,3/7	
	621-64-7	N-Nitroso-di-n-propylamine	1500	U	UG/KG		B1,3/7	
	7005-72-3	4-Chlorophenylphenyl ether	1500	U	UG/KG		B1,3/7	
	541-73-1	1,3-Dichlorobenzene	1500	U	UG/KG		B1,3/7	
	207-08-9	Benzo(k)fluoranthene	1500	U	UG/KG		B1,3/7	
	191-24-2	Benzo(g,h,i)perylene	1500	U	UG/KG		B1,3/7	
	121-14-2	2,4-Dinitrotoluene	1500	U	UG/KG		B1,3/7	
	118-74-1	Hexachlorobenzene	1500	U	UG/KG		B1,3/7	
	111-44-4	bis(2-Chloroethyl)ether	1500	U	UG/KG		B1,3/7	
	106-46-7	1,4-Dichlorobenzene	1500	U	UG/KG		B1,3/7	
	106-44-5	4-Methylphenol	1500	U	UG/KG		B1,3/7	
	67-72-1	Hexachloroethane	1500	U	UG/KG		B1,3/7	
	84-74-2	Di-n-butyl phthalate	1500	U	UG/KG		B1,3/7	
	85-01-8	Phenanthrene	1500	U	UG/KG		B1,3/7	
	85-68-7	Butyl benzyl phthalate	1500	U	UG/KG		B1,3/7	
	86-30-6	N-Nitrosodiphenylamine	1500	U	UG/KG		B1,3/7	
	91-57-6	2-Methylnaphthalene	1500	U	UG/KG		B1,3/7	
	87-68-3	Hexachlorobutadiene	1500	U	UG/KG		B1,3/7	
	91-58-7	2-Chloronaphthalene	1500	U	UG/KG		B1,3/7	
	91-94-1	3,3'-Dichlorobenzidine	2900	U	UG/KG		B1,3/7	
	95-48-7	2-Methylphenol	1500	U	UG/KG		B1,3/7	
	95-50-1	1,2-Dichlorobenzene	1500	U	UG/KG		B1,3/7	
	95-57-8	2-Chlorophenol	1500	U	UG/KG		B1,3/7	
	95-95-4	2,4,5-Trichlorophenol	7100	U	UG/KG		B1,3/7	
	98-95-3	Nitrobenzene	1500	U	UG/KG		B1,3/7	
	99-09-2	3-Nitroaniline	7100	U	UG/KG		B1,3/7	
	ITO-001	% Moisture	11		% MOISTURE		B1,3/7	
	100-01-6	4-Nitroaniline	7100	U	UG/KG		B1,3/7	
	100-51-6	Benzyl alcohol	1500	U	UG/KG		B1,3/7	
	100-02-7	4-Nitrophenol	7100	U	UG/KG		B1,3/7	
	87-86-5	Pentachlorophenol	7100	U	UG/KG		B1,3/7	
	88-06-2	2,4,6-Trichlorophenol	1500	U	UG/KG		B1,3/7	
	88-74-4	2-Nitroaniline	7100	U	UG/KG		B1,3/7	
	88-75-5	2-Nitrophenol	1500	U	UG/KG		B1,3/7	
	91-20-3	Naphthalene	1500	U	UG/KG		B1,3/7	

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APPENDIX A
ANALYTICAL RESULTS

SAMPLE NUMBER	PARAMETER CODE	COMPOUND/ANALYTE	RESULTS	QUALIFIER	UNITS	PRODUCT CODE	SAMPLE LOCATION	FLAG
	86-73-7	Fluorene	1500	U	UG/KG	ME 705	B1,3/7	TRG
	84-66-2	Diethyl phthalate	1500	U	UG/KG		B1,3/7	
	83-32-9	Acenaphthene	1500	U	UG/KG		B1,3/7	
	78-59-1	Isophorone	1500	U	UG/KG		B1,3/7	
	77-47-4	Hexachlorocyclopentadiene	1500	U	UG/KG		B1,3/7	
	65-85-0	Benzoic acid	7100	U	UG/KG		B1,3/7	
	59-50-7	4-Chloro-3-methylphenol	1500	U	UG/KG		B1,3/7	
	56-55-3	Benzo(a)anthracene	1500	U	UG/KG		B1,3/7	
	53-70-3	Dibenzo(a,h)anthracene	1500	U	UG/KG		B1,3/7	
	51-28-5	2,4-Dinitrophenol	7100	U	UG/KG		B1,3/7	
	56-23-5	Carbon Tetrachloride	6	U	UG/KG	MV 705	B1,3/7	
	67-66-3	Chloroform	6	U	UG/KG		B1,3/7	
	78-93-3	2-Butanone	11	U	UG/KG		B1,3/7	
	79-00-5	1,1,2-Trichloroethane	6	U	UG/KG		B1,3/7	
	IT0-001	% Moisture	11		% MOISTURE		B1,3/7	
	100-41-4	Ethylbenzene	6	U	UG/KG		B1,3/7	
	100-42-5	Styrene	6	U	UG/KG		B1,3/7	
	107-06-2	1,2-Dichloroethane	6	U	UG/KG		B1,3/7	
	108-05-4	Vinyl Acetate	11	U	UG/KG		B1,3/7	
	108-10-1	4-Methyl-2-pentanone	11	U	UG/KG		B1,3/7	
	108-88-3	Toluene	1	J	UG/KG		B1,3/7	
	108-90-7	Chlorobenzene	6	U	UG/KG		B1,3/7	
	124-48-1	Dibromochloromethane	6	U	UG/KG		B1,3/7	
	127-18-4	Tetrachloroethene	6	U	UG/KG		B1,3/7	
	540-59-0	1,2-Dichloroethylene	6	U	UG/KG		B1,3/7	
	591-78-6	2-Hexanone	11	U	UG/KG		B1,3/7	
	10061-02-6	trans-1,3-Dichloropropene	6	U	UG/KG		B1,3/7	
	10061-01-5	cis-1,3-Dichloropropene	6	U	UG/KG		B1,3/7	
	1330-20-7	Total xylenes	6	U	UG/KG		B1,3/7	
	79-34-5	1,1,2,2-Tetrachloroethane	6	U	UG/KG		B1,3/7	
	79-01-6	Trichloroethene	6	U	UG/KG		B1,3/7	
	71-43-2	Benzene	6	U	UG/KG		B1,3/7	
	75-15-0	Carbon disulfide	6	U	UG/KG		B1,3/7	
	75-25-2	Bromoform	6	U	UG/KG		B1,3/7	
	75-27-4	Bromodichloromethane	6	U	UG/KG		B1,3/7	
	75-34-3	1,1-Dichloroethane	6	U	UG/KG		B1,3/7	
	78-87-5	1,2-Dichloropropane	6	U	UG/KG		B1,3/7	
	75-35-4	1,1-Dichloroethene	6	U	UG/KG		B1,3/7	
	71-55-6	1,1,1-Trichloroethane	6	U	UG/KG		B1,3/7	
	74-87-3	Chloromethane	11	U	UG/KG		B1,3/7	
	75-09-2	Methylene chloride	6	B	UG/KG		B1,3/7	
	75-01-4	Vinyl chloride	11	U	UG/KG		B1,3/7	
	75-00-3	Chloroethane	11	U	UG/KG		B1,3/7	
	74-83-9	Bromomethane	11	U	UG/KG		B1,3/7	
	67-64-1	Acetone	32	B	UG/KG		B1,3/7	
	57-12-5	Cyanide	.6	U	MG/KG	WW 037	B1,3/7	

3 10 01128

APPENDIX A
ANALYTICAL RESULTS

SAMPLE NUM	PARAMETER CODE	COMPOUND/ANALYTE	RESULTS	QUALIFIER	UNITS	PRODUCT CODE	SAMPLE LOCATION	FLAG
	7439-92-1	Lead	3.7	G	MG/KG	AG 704	B1,7/11	TRG
	7440-38-2	Arsenic	4	UN	MG/KG		B1,7/11	
	7782-49-2	Selenium	.5	UWN	MG/KG		B1,7/11	
	7440-28-0	Thallium	.2	UW	MG/KG		B1,7/11	
	ITO-003	% Solids	89		% SOLIDS	AP 706	B1,7/11	
	7440-39-3	Barium	17.9	B	MG/KG		B1,7/11	
	7440-70-2	Calcium	101	B	MG/KG		B1,7/11	
	7440-41-7	Beryllium	.1	B	MG/KG		B1,7/11	
	7440-43-9	Cadmium	.6	U	MG/KG		B1,7/11	
	7439-96-5	Manganese	5.3	*	MG/KG		B1,7/11	
	7440-47-3	Chromium	3	*	MG/KG		B1,7/11	
	7440-48-4	Cobalt	2	U	MG/KG		B1,7/11	
	7440-50-8	Copper	2	B	MG/KG		B1,7/11	
	7440-62-2	Vanadium	7	B	MG/KG		B1,7/11	
	7440-66-6	Zinc	4.1		MG/KG		B1,7/11	
	7440-02-0	Nickel	2	U	MG/KG		B1,7/11	
	7440-09-7	Potassium	112	U	MG/KG		B1,7/11	
	7440-22-4	Silver	.6	UN	MG/KG		B1,7/11	
	7440-23-5	Sodium	44	B	MG/KG		B1,7/11	
	7440-36-0	Antimony	3	UN	MG/KG		B1,7/11	
	7439-89-6	Iron	2780	*	MG/KG		B1,7/11	
	7439-95-4	Magnesium	151	B	MG/KG		B1,7/11	
	7429-90-5	Aluminum	4160	*	MG/KG		B1,7/11	
	7439-97-6	Mercury	.02	UN	MG/KG	AV 006	B1,7/11	
	50-29-3	4,4'-DDT	18	U	UG/KG	GC 723	B1,7/11	
	309-00-2	Aldrin	9.1	U	UG/KG		B1,7/11	
	319-84-6	alpha-BHC	9.1	U	UG/KG		B1,7/11	
	11097-69-1	Aroclor-1254	180	U	UG/KG		B1,7/11	
	319-85-7	beta-BHC	9.1	U	UG/KG		B1,7/11	
	11104-28-2	Aroclor-1221	91	U	UG/KG		B1,7/11	
	11141-16-5	Aroclor-1232	91	U	UG/KG		B1,7/11	
	12672-29-6	Aroclor-1248	91	U	UG/KG		B1,7/11	
	12674-11-2	Aroclor-1016	91	U	UG/KG		B1,7/11	
	319-86-8	delta-BHC	9.1	U	UG/KG		B1,7/11	
	33213-65-9	Endosulfan II	18	U	UG/KG		B1,7/11	
	53469-21-9	Aroclor-1242	91	U	UG/KG		B1,7/11	
	53494-70-5	Endrin ketone	18	U	UG/KG		B1,7/11	
	1024-57-3	Heptachlor epoxide	9.1	U	UG/KG		B1,7/11	
	1031-07-8	Endosulfan sulfate	18	U	UG/KG		B1,7/11	
	5103-71-9	alpha-Chlordane	91	U	UG/KG		B1,7/11	
	5103-74-2	gamma-Chlordane	91	U	UG/KG		B1,7/11	
	11096-82-5	Aroclor-1260	180	U	UG/KG		B1,7/11	
	8001-35-2	Toxaphene	180	U	UG/KG		B1,7/11	
	959-98-8	Endosulfan-I	9.1	U	UG/KG		B1,7/11	
	ITO-001	% Moisture	12		% MOISTURE		B1,7/11	
	76-44-8	Heptachlor	9.1	U	UG/KG		B1,7/11	
	72-55-9	4,4'-DDE	18	U	UG/KG		B1,7/11	
	72-20-8	Endrin	18	U	UG/KG		B1,7/11	
	72-43-5	Methoxychlor	91	U	UG/KG		B1,7/11	
	72-54-8	4,4'-DDD	18	U	UG/KG		B1,7/11	
	60-57-1	Dieldrin	18	U	UG/KG		B1,7/11	
	58-89-9	gamma-BHC (Lindane)	9.1	U	UG/KG		B1,7/11	

3 10 01129

APPENDIX A
ANALYTICAL RESULTS

SAMPLE NUMB	PARAMETER CODE	COMPOUND/ANALYTE	RESULTS	QUALIFIER	UNITS	PRODUCT CODE	SAMPLE LOCATION	FLAG
J.	50-32-8	Benzo(a)pyrene	750	U	UG/KG	ME 705	B1,7/11	TRG
	111-91-1	bis(2-Chloroethoxy)methane	750	U	UG/KG		B1,7/11	
	83-32-9	Acenaphthene	750	U	UG/KG		B1,7/11	
	84-66-2	Diethyl phthalate	750	U	UG/KG		B1,7/11	
	88-75-5	2-Nitrophenol	750	U	UG/KG		B1,7/11	
	91-20-3	Naphthalene	750	U	UG/KG		B1,7/11	
	91-57-6	2-Methylnaphthalene	750	U	UG/KG		B1,7/11	
	91-58-7	2-Chloronaphthalene	750	U	UG/KG		B1,7/11	
	95-48-7	2-Methylphenol	750	U	UG/KG		B1,7/11	
	91-94-1	3,3'-Dichlorobenzidine	1500	U	UG/KG		B1,7/11	
	95-50-1	1,2-Dichlorobenzene	750	U	UG/KG		B1,7/11	
	117-81-7	bis(2-Ethylhexyl) phthalate	1200	B	UG/KG		B1,7/11	
	117-84-0	Di-n-octyl phthalate	750	U	UG/KG		B1,7/11	
	120-12-7	Anthracene	750	U	UG/KG		B1,7/11	
	120-82-1	1,2,4-Trichlorobenzene	750	U	UG/KG		B1,7/11	
	120-83-2	2,4-Dichlorophenol	750	U	UG/KG		B1,7/11	
	121-14-2	2,4-Dinitrotoluene	750	U	UG/KG		B1,7/11	
	129-00-0	Pyrene	750	U	UG/KG		B1,7/11	
	131-11-3	Dimethyl phthalate	750	U	UG/KG		B1,7/11	
	191-24-2	Benzo(g,h,i)perylene	750	U	UG/KG		B1,7/11	
	193-39-5	Indeno(1,2,3-cd)pyrene	750	U	UG/KG		B1,7/11	
	205-99-2	Benzo(b)fluoranthene	750	U	UG/KG		B1,7/11	
	207-08-9	Benzo(k)fluoranthene	750	U	UG/KG		B1,7/11	
	208-96-8	Acenaphthylene	750	U	UG/KG		B1,7/11	
	218-01-9	Chrysene	750	U	UG/KG		B1,7/11	
	541-73-1	1,3-Dichlorobenzene	750	U	UG/KG		B1,7/11	
	606-20-2	2,6-Dinitrotoluene	750	U	UG/KG		B1,7/11	
	621-64-7	N-Nitroso-di-n-propylamine	750	U	UG/KG		B1,7/11	
	7005-72-3	4-Chlorophenylphenyl ether	750	U	UG/KG		B1,7/11	
	534-52-1	4,6-Dinitro-2-methylphenol	3600	U	UG/KG		B1,7/11	
	206-44-0	Fluoranthene	750	U	UG/KG		B1,7/11	
	132-64-9	Dibenzofuran	750	U	UG/KG		B1,7/11	
	118-74-1	Hexachlorobenzene	750	U	UG/KG		B1,7/11	
	95-57-8	2-Chlorophenol	750	U	UG/KG		B1,7/11	
	95-95-4	2,4,5-Trichlorophenol	3600	U	UG/KG		B1,7/11	
	98-95-3	Nitrobenzene	750	U	UG/KG		B1,7/11	
	99-09-2	3-Nitroaniline	3600	U	UG/KG		B1,7/11	
	IT0-001	% Moisture	12		% MOISTURE		B1,7/11	
	100-01-6	4-Nitroaniline	3600	U	UG/KG		B1,7/11	
	101-55-3	4-Bromophenyl phenyl ether	750	U	UG/KG		B1,7/11	
	105-67-9	2,4-Dimethylphenol	750	U	UG/KG		B1,7/11	
	106-44-5	4-Methylphenol	750	U	UG/KG		B1,7/11	
	106-46-7	1,4-Dichlorobenzene	750	U	UG/KG		B1,7/11	
	106-47-8	4-Chloroaniline	750	U	UG/KG		B1,7/11	
	108-60-1	bis(2-Chloroisopropyl)ether	750	U	UG/KG		B1,7/11	
	108-95-2	Phenol	750	U	UG/KG		B1,7/11	
	111-44-4	bis(2-Chloroethyl)ether	750	U	UG/KG		B1,7/11	
	100-51-6	Benzyl alcohol	750	U	UG/KG		B1,7/11	
	100-02-7	4-Nitrophenol	3600	U	UG/KG		B1,7/11	
	84-74-2	Di-n-butyl phthalate	750	U	UG/KG		B1,7/11	
	85-01-8	Phenanthrene	750	U	UG/KG		B1,7/11	
	86-30-6	N-Nitrosodiphenylamine	750	U	UG/KG		B1,7/11	
	86-73-7	Fluorene	750	U	UG/KG		B1,7/11	
	87-68-3	Hexachlorobutadiene	750	U	UG/KG		B1,7/11	
	87-86-5	Pentachlorophenol	3600	U	UG/KG		B1,7/11	
	88-06-2	2,4,6-Trichlorophenol	750	U	UG/KG		B1,7/11	

3 10 01130

APPENDIX A
ANALYTICAL RESULTS

SAMPLE NUMB	PARAMETER CODE	COMPOUND/ANALYTE	RESULTS	QUALIFIER	UNITS	PRODUCT CODE	SAMPLE LOCATION	FLAG
J	88-74-4	2-Nitroaniline	3600	U	UG/KG	ME 705	B1,7/11	TRG
	85-68-7	Butyl benzyl phthalate	750	U	UG/KG		B1,7/11	
	78-59-1	Isophorone	750	U	UG/KG		B1,7/11	
	77-47-4	Hexachlorocyclopentadiene	750	U	UG/KG		B1,7/11	
	56-55-3	Benzo(a)anthracene	750	U	UG/KG		B1,7/11	
	67-72-1	Hexachloroethane	750	U	UG/KG		B1,7/11	
	59-50-7	4-Chloro-3-methylphenol	750	U	UG/KG		B1,7/11	
	65-85-0	Benzoic acid	3600	U	UG/KG		B1,7/11	
	53-70-3	Dibenzo(a,h)anthracene	750	U	UG/KG		B1,7/11	
	51-28-5	2,4-Dinitrophenol	3600	U	UG/KG		B1,7/11	
	56-23-5	Carbon Tetrachloride	6	U	UG/KG	MV 705	B1,7/11	
	67-66-3	Chloroform	6	U	UG/KG		B1,7/11	
	75-25-2	Bromoform	6	U	UG/KG		B1,7/11	
	75-27-4	Bromodichloromethane	6	U	UG/KG		B1,7/11	
	75-34-3	1,1-Dichloroethane	6	U	UG/KG		B1,7/11	
	100-42-5	Styrene	6	U	UG/KG		B1,7/11	
	78-93-3	2-Butanone	11	U	UG/KG		B1,7/11	
	79-00-5	1,1,2-Trichloroethane	6	U	UG/KG		B1,7/11	
	107-06-2	1,2-Dichloroethane	6	U	UG/KG		B1,7/11	
	79-01-6	Trichloroethene	6	U	UG/KG		B1,7/11	
	108-05-4	Vinyl Acetate	11	U	UG/KG		B1,7/11	
	108-10-1	4-Methyl-2-pentanone	11	U	UG/KG		B1,7/11	
	108-88-3	Toluene	2	J	UG/KG		B1,7/11	
	108-90-7	Chlorobenzene	6	U	UG/KG		B1,7/11	
	124-48-1	Dibromochloromethane	6	U	UG/KG		B1,7/11	
	127-18-4	Tetrachloroethene	6	U	UG/KG		B1,7/11	
	591-78-6	2-Hexanone	11	U	UG/KG		B1,7/11	
	1330-20-7	Total xylenes	6	U	UG/KG		B1,7/11	
	10061-01-5	cis-1,3-Dichloropropene	6	U	UG/KG		B1,7/11	
	10061-02-6	trans-1,3-Dichloropropene	6	U	UG/KG		B1,7/11	
	540-59-0	1,2-Dichloroethylene	6	U	UG/KG		B1,7/11	
	79-34-5	1,1,2,2-Tetrachloroethane	6	U	UG/KG		B1,7/11	
	IT0-001	% Moisture	12		% MOISTURE		B1,7/11	
	100-41-4	Ethylbenzene	6	U	UG/KG		B1,7/11	
	78-87-5	1,2-Dichloropropane	6	U	UG/KG		B1,7/11	
	75-35-4	1,1-Dichloroethene	6	U	UG/KG		B1,7/11	
	75-15-0	Carbon disulfide	6	U	UG/KG		B1,7/11	
	75-09-2	Methylene chloride	14	B	UG/KG		B1,7/11	
	75-01-4	Vinyl chloride	11	U	UG/KG		B1,7/11	
	75-00-3	Chloroethane	11	U	UG/KG		B1,7/11	
	74-87-3	Chloromethane	11	U	UG/KG		B1,7/11	
	74-83-9	Bromomethane	11	U	UG/KG		B1,7/11	
	71-55-6	1,1,1-Trichloroethane	6	U	UG/KG		B1,7/11	
	71-43-2	Benzene	6	U	UG/KG		B1,7/11	
	67-64-1	Acetone	39	B	UG/KG		B1,7/11	
	57-12-5	Cyanide	.6	U	MG/KG	WW 037	B1,7/11	

APPENDIX A
ANALYTICAL RESULTS

3 10 01131

SAMPLE NUM	PARAMETER CODE	COMPOUND/ANALYTE	RESULTS	QUALIFIER	UNITS	PRODUCT CODE	SAMPLE LOCATION	FLAG
	7439-92-1	Lead	4.7	G	MG/KG	AG 704	B1,3/7	TRG
	7782-49-2	Selenium	.3	UWN	MG/KG		B1,3/7	
	7440-38-2	Arsenic	3	UWN	MG/KG		B1,3/7	
	7440-28-0	Thallium	.2	U	MG/KG		B1,3/7	
	ITO-003	% Solids	89.4		% SOLIDS	AP 706	B1,3/7	
	7440-09-7	Potassium	112	U	MG/KG		B1,3/7	
	7440-22-4	Silver	.6	UN	MG/KG		B1,3/7	
	7440-23-5	Sodium	27	B	MG/KG		B1,3/7	
	7440-47-3	Chromium	8	*	MG/KG		B1,3/7	
	7440-48-4	Cobalt	2	U	MG/KG		B1,3/7	
	7440-50-8	Copper	3	B	MG/KG		B1,3/7	
	7440-62-2	Vanadium	18		MG/KG		B1,3/7	
	7440-66-6	Zinc	12.4		MG/KG		B1,3/7	
	7440-70-2	Calcium	159	B	MG/KG		B1,3/7	
	7440-43-9	Cadmium	.6	U	MG/KG		B1,3/7	
	7440-36-0	Antimony	3	UN	MG/KG		B1,3/7	
	7440-39-3	Barium	22.7	B	MG/KG		B1,3/7	
	7440-41-7	Beryllium	.2	B	MG/KG		B1,3/7	
	7439-95-4	Magnesium	155	B	MG/KG		B1,3/7	
	7439-96-5	Manganese	26.4	*	MG/KG		B1,3/7	
	7440-02-0	Nickel	2	U	MG/KG		B1,3/7	
	7439-89-6	Iron	7130	*	MG/KG		B1,3/7	
	7429-90-5	Aluminum	6530	*	MG/KG		B1,3/7	
	7439-97-6	Mercury	.02	UN	MG/KG	AV 006	B1,3/7	
	50-29-3	4,4'-DDT	18	U	UG/KG	GC 723	B1,3/7	
	60-57-1	Dieldrin	18	U	UG/KG		B1,3/7	
	72-20-8	Endrin	18	U	UG/KG		B1,3/7	
	11097-69-1	Aroclor-1254	180	U	UG/KG		B1,3/7	
	11104-28-2	Aroclor-1221	90	U	UG/KG		B1,3/7	
	11141-16-5	Aroclor-1232	90	U	UG/KG		B1,3/7	
	12672-29-6	Aroclor-1248	90	U	UG/KG		B1,3/7	
	12674-11-2	Aroclor-1016	90	U	UG/KG		B1,3/7	
	33213-65-9	Endosulfan II	18	U	UG/KG		B1,3/7	
	53469-21-9	Aroclor-1242	90	U	UG/KG		B1,3/7	
	53494-70-5	Endrin ketone	18	U	UG/KG		B1,3/7	
	959-98-8	Endosulfan-I	9	U	UG/KG		B1,3/7	
	319-86-8	delta-BHC	9	U	UG/KG		B1,3/7	
	1024-57-3	Heptachlor epoxide	9	U	UG/KG		B1,3/7	
	1031-07-8	Endosulfan sulfate	18	U	UG/KG		B1,3/7	
	5103-71-9	alpha-Chlordane	90	U	UG/KG		B1,3/7	
	5103-74-2	gamma-Chlordane	90	U	UG/KG		B1,3/7	
	8001-35-2	Toxaphene	180	U	UG/KG		B1,3/7	
	11096-82-5	Aroclor-1260	180	U	UG/KG		B1,3/7	
	319-85-7	beta-BHC	9	U	UG/KG		B1,3/7	
	319-84-6	alpha-BHC	9	U	UG/KG		B1,3/7	
	309-00-2	Aldrin	9	U	UG/KG		B1,3/7	
	ITO-001	% Moisture	11		% MOISTURE		B1,3/7	
	76-44-8	Heptachlor	9	U	UG/KG		B1,3/7	
	72-55-9	4,4'-DDE	18	U	UG/KG		B1,3/7	
	72-54-8	4,4'-DDD	18	U	UG/KG		B1,3/7	
	72-43-5	Methoxychlor	90	U	UG/KG		B1,3/7	
	58-89-9	gamma-BHC (Lindane)	9	U	UG/KG		B1,3/7	

3 10 01132

APPENDIX A
ANALYTICAL RESULTS

SAMPLE NUMB	PARAMETER CODE	COMPOUND/ANALYTE	RESULTS	QUALIFIER	UNITS	PRODUCT CODE	SAMPLE LOCATION	FLAG
Jc	50-32-8	Benzo(a)pyrene	730	U	UG/KG	ME 705	B1,3/7	TRG
	84-66-2	Diethyl phthalate	730	U	UG/KG		B1,3/7	
	106-44-5	4-Methylphenol	730	U	UG/KG		B1,3/7	
	106-46-7	1,4-Dichlorobenzene	730	U	UG/KG		B1,3/7	
	106-47-8	4-Chloroaniline	730	U	UG/KG		B1,3/7	
	108-95-2	Phenol	730	U	UG/KG		B1,3/7	
	108-60-1	bis(2-Chloroisopropyl)ether	730	U	UG/KG		B1,3/7	
	91-20-3	Naphthalene	730	U	UG/KG		B1,3/7	
	111-44-4	bis(2-Chloroethyl)ether	730	U	UG/KG		B1,3/7	
	111-91-1	bis(2-Chloroethoxy)methane	730	U	UG/KG		B1,3/7	
	117-81-7	bis(2-Ethylhexyl) phthalate	1000	B	UG/KG		B1,3/7	
	117-84-0	Di-n-octyl phthalate	730	U	UG/KG		B1,3/7	
	118-74-1	Hexachlorobenzene	730	U	UG/KG		B1,3/7	
	120-12-7	Anthracene	730	U	UG/KG		B1,3/7	
	120-82-1	1,2,4-Trichlorobenzene	730	U	UG/KG		B1,3/7	
	120-83-2	2,4-Dichlorophenol	730	U	UG/KG		B1,3/7	
	121-14-2	2,4-Dinitrotoluene	730	U	UG/KG		B1,3/7	
	131-11-3	Dimethyl phthalate	730	U	UG/KG		B1,3/7	
	132-64-9	Dibenzofuran	730	U	UG/KG		B1,3/7	
	191-24-2	Benzo(g,h,i)perylene	730	U	UG/KG		B1,3/7	
	205-99-2	Benzo(b)fluoranthene	730	U	UG/KG		B1,3/7	
	206-44-0	Fluoranthene	730	U	UG/KG		B1,3/7	
	207-08-9	Benzo(k)fluoranthene	730	U	UG/KG		B1,3/7	
	218-01-9	Chrysene	730	U	UG/KG		B1,3/7	
	534-52-1	4,6-Dinitro-2-methylphenol	3500	U	UG/KG		B1,3/7	
	541-73-1	1,3-Dichlorobenzene	730	U	UG/KG		B1,3/7	
	621-64-7	N-Nitroso-di-n-propylamine	730	U	UG/KG		B1,3/7	
	7005-72-3	4-Chlorophenylphenyl ether	730	U	UG/KG		B1,3/7	
	606-20-2	2,6-Dinitrotoluene	730	U	UG/KG		B1,3/7	
	208-96-8	Acenaphthylene	730	U	UG/KG		B1,3/7	
	193-39-5	Indeno(1,2,3-cd)pyrene	730	U	UG/KG		B1,3/7	
	129-00-0	Pyrene	730	U	UG/KG		B1,3/7	
	91-57-6	2-Methylnaphthalene	730	U	UG/KG		B1,3/7	
	91-58-7	2-Chloronaphthalene	730	U	UG/KG		B1,3/7	
	91-94-1	3,3'-Dichlorobenzidine	1500	U	UG/KG		B1,3/7	
	95-50-1	1,2-Dichlorobenzene	730	U	UG/KG		B1,3/7	
	95-57-8	2-Chlorophenol	730	U	UG/KG		B1,3/7	
	95-48-7	2-Methylphenol	730	U	UG/KG		B1,3/7	
	95-95-4	2,4,5-Trichlorophenol	3500	U	UG/KG		B1,3/7	
	98-95-3	Nitrobenzene	730	U	UG/KG		B1,3/7	
	99-09-2	3-Nitroaniline	3500	U	UG/KG		B1,3/7	
	IT0-001	% Moisture	11		% MOISTURE		B1,3/7	
	100-01-6	4-Nitroaniline	3500	U	UG/KG		B1,3/7	
	84-74-2	Di-n-butyl phthalate	98	J	UG/KG		B1,3/7	
	85-01-8	Phenanthrene	730	U	UG/KG		B1,3/7	
	100-02-7	4-Nitrophenol	3500	U	UG/KG		B1,3/7	
	100-51-6	Benzyl alcohol	730	U	UG/KG		B1,3/7	
	85-68-7	Butyl benzyl phthalate	730	U	UG/KG		B1,3/7	
	86-73-7	Fluorene	730	U	UG/KG		B1,3/7	
	101-55-3	4-Bromophenyl phenyl ether	730	U	UG/KG		B1,3/7	
	105-67-9	2,4-Dimethylphenol	730	U	UG/KG		B1,3/7	
	87-68-3	Hexachlorobutadiene	730	U	UG/KG		B1,3/7	
	87-86-5	Pentachlorophenol	3500	U	UG/KG		B1,3/7	
	88-06-2	2,4,6-Trichlorophenol	730	U	UG/KG		B1,3/7	
	88-75-5	2-Nitrophenol	730	U	UG/KG		B1,3/7	
	88-74-4	2-Nitroaniline	3500	U	UG/KG		B1,3/7	

3 10 01133

APPENDIX A
ANALYTICAL RESULTS

SAMPLE NUM	PARAMETER CODE	COMPOUND/ANALYTE	RESULTS	QUALIFIER	UNITS	PRODUCT CODE	SAMPLE LOCATION	FLAG
	86-30-6	N-Nitrosodiphenylamine	730	U	UG/KG	ME 705	B1,3/7	TRG
	83-32-9	Acenaphthene	730	U	UG/KG		B1,3/7	
	78-59-1	Isophorone	730	U	UG/KG		B1,3/7	
	77-47-4	Hexachlorocyclopentadiene	730	U	UG/KG		B1,3/7	
	67-72-1	Hexachloroethane	730	U	UG/KG		B1,3/7	
	56-55-3	Benzo(a)anthracene	730	U	UG/KG		B1,3/7	
	59-50-7	4-Chloro-3-methylphenol	730	U	UG/KG		B1,3/7	
	65-85-0	Benzoic acid	3500	U	UG/KG		B1,3/7	
	53-70-3	Dibenzo(a,h)anthracene	730	U	UG/KG		B1,3/7	
	51-28-5	2,4-Dinitrophenol	3500	U	UG/KG		B1,3/7	
	56-23-5	Carbon Tetrachloride	6	U	UG/KG	MV 705	B1,3/7	
	591-78-6	2-Hexanone	11	U	UG/KG		B1,3/7	
	1330-20-7	Total xylenes	6	U	UG/KG		B1,3/7	
	10061-02-6	trans-1,3-Dichloropropene	6	U	UG/KG		B1,3/7	
	10061-01-5	cis-1,3-Dichloropropene	6	U	UG/KG		B1,3/7	
	75-01-4	Vinyl chloride	11	U	UG/KG		B1,3/7	
	75-09-2	Methylene chloride	12	B	UG/KG		B1,3/7	
	75-15-0	Carbon disulfide	6	U	UG/KG		B1,3/7	
	75-25-2	Bromoform	6	U	UG/KG		B1,3/7	
	IT0-001	% Moisture	11		% MOISTURE		B1,3/7	
	100-41-4	Ethylbenzene	6	U	UG/KG		B1,3/7	
	100-42-5	Styrene	6	U	UG/KG		B1,3/7	
	75-34-3	1,1-Dichloroethane	6	U	UG/KG		B1,3/7	
	107-06-2	1,2-Dichloroethane	6	U	UG/KG		B1,3/7	
	108-05-4	Vinyl Acetate	11	U	UG/KG		B1,3/7	
	108-10-1	4-Methyl-2-pentanone	11	U	UG/KG		B1,3/7	
	75-35-4	1,1-Dichloroethene	6	U	UG/KG		B1,3/7	
	108-88-3	Toluene	2	J	UG/KG		B1,3/7	
	78-87-5	1,2-Dichloropropane	6	U	UG/KG		B1,3/7	
	108-90-7	Chlorobenzene	6	U	UG/KG		B1,3/7	
	124-48-1	Dibromochloromethane	6	U	UG/KG		B1,3/7	
	127-18-4	Tetrachloroethene	6	U	UG/KG		B1,3/7	
	540-59-0	1,2-Dichloroethylene	6	U	UG/KG		B1,3/7	
	78-93-3	2-Butanone	11	U	UG/KG		B1,3/7	
	79-00-5	1,1,2-Trichloroethane	6	U	UG/KG		B1,3/7	
	79-01-6	Trichloroethene	6	U	UG/KG		B1,3/7	
	79-34-5	1,1,2,2-Tetrachloroethane	6	U	UG/KG		B1,3/7	
	75-27-4	Bromodichloromethane	6	U	UG/KG		B1,3/7	
	75-00-3	Chloroethane	11	U	UG/KG		B1,3/7	
	71-43-2	Benzene	6	U	UG/KG		B1,3/7	
	74-83-9	Bromomethane	11	U	UG/KG		B1,3/7	
	74-87-3	Chloromethane	11	U	UG/KG		B1,3/7	
	71-55-6	1,1,1-Trichloroethane	6	U	UG/KG		B1,3/7	
	67-66-3	Chloroform	6	U	UG/KG		B1,3/7	
	67-64-1	Acetone	42	B	UG/KG		B1,3/7	
	57-12-5	Cyanide	.6	U	MG/KG	WW 037	B1,3/7	

3 10 01134

APPENDIX A
ANALYTICAL RESULTS

SAMPLE NUMB	PARAMETER CODE	COMPOUND/ANALYTE	RESULTS	QUALIFIER	UNITS	PRODUCT CODE	SAMPLE LOCATION	FLAG
	7439-92-1	Lead	4.7	G	MG/KG	AG 704	B2,3/7	TRG
	7782-49-2	Selenium	3	UN	MG/KG		B2,3/7	
	7440-38-2	Arsenic	4	UWN	MG/KG		B2,3/7	
	7440-28-0	Thallium	.2	U	MG/KG		B2,3/7	
	IT0-003	% Solids	88.6		% SOLIDS	AP 706	B2,3/7	
	7439-95-4	Magnesium	170	B	MG/KG		B2,3/7	
	7439-96-5	Manganese	54.9	*	MG/KG		B2,3/7	
	7440-43-9	Cadmium	.6	U	MG/KG		B2,3/7	
	7440-47-3	Chromium	6	*	MG/KG		B2,3/7	
	7440-48-4	Cobalt	2	U	MG/KG		B2,3/7	
	7440-50-8	Copper	4	B	MG/KG		B2,3/7	
	7440-66-6	Zinc	4.6		MG/KG		B2,3/7	
	7440-70-2	Calcium	373	B	MG/KG		B2,3/7	
	7440-62-2	Vanadium	14		MG/KG		B2,3/7	
	7440-41-7	Beryllium	.2	B	MG/KG		B2,3/7	
	7440-39-3	Barium	37.4	B	MG/KG		B2,3/7	
	7440-02-0	Nickel	2	U	MG/KG		B2,3/7	
	7440-36-0	Antimony	3	UN	MG/KG		B2,3/7	
	7440-23-5	Sodium	25	B	MG/KG		B2,3/7	
	7440-22-4	Silver	.6	UN	MG/KG		B2,3/7	
	7440-09-7	Potassium	113	U	MG/KG		B2,3/7	
	7439-89-6	Iron	4000	*	MG/KG		B2,3/7	
	7429-90-5	Aluminum	3890	*	MG/KG		B2,3/7	
	7439-97-6	Mercury	.04	N	MG/KG	AV 006	B2,3/7	
	50-29-3	4,4'-DDT	18	U	UG/KG	GC 723	B2,3/7	
	319-86-8	delta-BHC	9.1	U	UG/KG		B2,3/7	
	11104-28-2	Aroclor-1221	91	U	UG/KG		B2,3/7	
	11141-16-5	Aroclor-1232	91	U	UG/KG		B2,3/7	
	12672-29-6	Aroclor-1248	91	U	UG/KG		B2,3/7	
	12674-11-2	Aroclor-1016	91	U	UG/KG		B2,3/7	
	33213-65-9	Endosulfan II	18	U	UG/KG		B2,3/7	
	53469-21-9	Aroclor-1242	91	U	UG/KG		B2,3/7	
	53494-70-5	Endrin ketone	18	U	UG/KG		B2,3/7	
	959-98-8	Endosulfan-I	9.1	U	UG/KG		B2,3/7	
	1024-57-3	Heptachlor epoxide	9.1	U	UG/KG		B2,3/7	
	1031-07-8	Endosulfan sulfate	18	U	UG/KG		B2,3/7	
	5103-71-9	alpha-Chlordane	91	U	UG/KG		B2,3/7	
	5103-74-2	gamma-Chlordane	91	U	UG/KG		B2,3/7	
	319-85-7	beta-BHC	9.1	U	UG/KG		B2,3/7	
	8001-35-2	Toxaphene	180	U	UG/KG		B2,3/7	
	11096-82-5	Aroclor-1260	180	U	UG/KG		B2,3/7	
	11097-69-1	Aroclor-1254	180	U	UG/KG		B2,3/7	
	319-84-6	alpha-BHC	9.1	U	UG/KG		B2,3/7	
	309-00-2	Aldrin	9.1	U	UG/KG		B2,3/7	
	IT0-001	% Moisture	12		% MOISTURE		B2,3/7	
	76-44-8	Heptachlor	9.1	U	UG/KG		B2,3/7	
	72-43-5	Methoxychlor	91	U	UG/KG		B2,3/7	
	72-54-8	4,4'-DDD	18	U	UG/KG		B2,3/7	
	72-55-9	4,4'-DDE	18	U	UG/KG		B2,3/7	
	72-20-8	Endrin	18	U	UG/KG		B2,3/7	
	60-57-1	Dieldrin	18	U	UG/KG		B2,3/7	
	58-89-9	gamma-BHC (Lindane)	9.1	U	UG/KG		B2,3/7	

3 10 01135

APPENDIX A
ANALYTICAL RESULTS

SAMPLE NUM	PARAMETER CODE	COMPOUND/ANALYTE	RESULTS	QUALIFIER	UNITS	PRODUCT CODE	SAMPLE LOCATION	FLAG
	50-32-8	Benzo(a)pyrene	740	U	UG/KG	ME 705	B2,3/7	TRG
	84-66-2	Diethyl phthalate	740	U	UG/KG		B2,3/7	
	84-74-2	Di-n-butyl phthalate	740	U	UG/KG		B2,3/7	
	91-20-3	Naphthalene	740	U	UG/KG		B2,3/7	
	91-57-6	2-Methylnaphthalene	740	U	UG/KG		B2,3/7	
	91-58-7	2-Chloronaphthalene	740	U	UG/KG		B2,3/7	
	91-94-1	3,3'-Dichlorobenzidine	1500	U	UG/KG		B2,3/7	
	120-12-7	Anthracene	740	U	UG/KG		B2,3/7	
	95-50-1	1,2-Dichlorobenzene	740	U	UG/KG		B2,3/7	
	95-57-8	2-Chlorophenol	740	U	UG/KG		B2,3/7	
	95-95-4	2,4,5-Trichlorophenol	3600	U	UG/KG		B2,3/7	
	98-95-3	Nitrobenzene	740	U	UG/KG		B2,3/7	
	IT0-001	% Moisture	12		% MOISTURE		B2,3/7	
	100-01-6	4-Nitroaniline	3600	U	UG/KG		B2,3/7	
	100-02-7	4-Nitrophenol	3600	U	UG/KG		B2,3/7	
	120-82-1	1,2,4-Trichlorobenzene	740	U	UG/KG		B2,3/7	
	120-83-2	2,4-Dichlorophenol	740	U	UG/KG		B2,3/7	
	121-14-2	2,4-Dinitrotoluene	740	U	UG/KG		B2,3/7	
	129-00-0	Pyrene	740	U	UG/KG		B2,3/7	
	131-11-3	Dimethyl phthalate	740	U	UG/KG		B2,3/7	
	132-64-9	Dibenzofuran	740	U	UG/KG		B2,3/7	
	191-24-2	Benzo(g,h,i)perylene	740	U	UG/KG		B2,3/7	
	206-44-0	Fluoranthene	740	U	UG/KG		B2,3/7	
	207-08-9	Benzo(k)fluoranthene	740	U	UG/KG		B2,3/7	
	208-96-8	Acenaphthylene	740	U	UG/KG		B2,3/7	
	534-52-1	4,6-Dinitro-2-methylphenol	3600	U	UG/KG		B2,3/7	
	541-73-1	1,3-Dichlorobenzene	740	U	UG/KG		B2,3/7	
	606-20-2	2,6-Dinitrotoluene	740	U	UG/KG		B2,3/7	
	7005-72-3	4-Chlorophenylphenyl ether	740	U	UG/KG		B2,3/7	
	621-64-7	N-Nitroso-di-n-propylamine	740	U	UG/KG		B2,3/7	
	218-01-9	Chrysene	740	U	UG/KG		B2,3/7	
	205-99-2	Benzo(b)fluoranthene	740	U	UG/KG		B2,3/7	
	193-39-5	Indeno(1,2,3-cd)pyrene	740	U	UG/KG		B2,3/7	
	100-51-6	Benzyl alcohol	740	U	UG/KG		B2,3/7	
	101-55-3	4-Bromophenyl phenyl ether	740	U	UG/KG		B2,3/7	
	105-67-9	2,4-Dimethylphenol	740	U	UG/KG		B2,3/7	
	106-44-5	4-Methylphenol	740	U	UG/KG		B2,3/7	
	106-46-7	1,4-Dichlorobenzene	740	U	UG/KG		B2,3/7	
	106-47-8	4-Chloroaniline	740	U	UG/KG		B2,3/7	
	108-95-2	Phenol	740	U	UG/KG		B2,3/7	
	111-44-4	bis(2-Chloroethyl)ether	740	U	UG/KG		B2,3/7	
	111-91-1	bis(2-Chloroethoxy)methane	740	U	UG/KG		B2,3/7	
	117-81-7	bis(2-Ethylhexyl) phthalate	820	B	UG/KG		B2,3/7	
	117-84-0	Di-n-octyl phthalate	740	U	UG/KG		B2,3/7	
	108-60-1	bis(2-Chloroisopropyl)ether	740	U	UG/KG		B2,3/7	
	118-74-1	Hexachlorobenzene	740	U	UG/KG		B2,3/7	
	99-09-2	3-Nitroaniline	3600	U	UG/KG		B2,3/7	
	95-48-7	2-Methylphenol	740	U	UG/KG		B2,3/7	
	85-01-8	Phenanthrene	740	U	UG/KG		B2,3/7	
	85-68-7	Butyl benzyl phthalate	740	U	UG/KG		B2,3/7	
	86-73-7	Fluorene	740	U	UG/KG		B2,3/7	
	86-30-6	N-Nitrosodiphenylamine	740	U	UG/KG		B2,3/7	
	87-68-3	Hexachlorobutadiene	740	U	UG/KG		B2,3/7	
	87-86-5	Pentachlorophenol	3600	U	UG/KG		B2,3/7	
	88-06-2	2,4,6-Trichlorophenol	740	U	UG/KG		B2,3/7	
	88-74-4	2-Nitroaniline	3600	U	UG/KG		B2,3/7	

APPENDIX A
ANALYTICAL RESULTS

3 10 01136

SAMPLE NUM	PARAMETER CODE	COMPOUND/ANALYTE	RESULTS	QUALIFIER	UNITS	PRODUCT CODE	SAMPLE LOCATION	FLAG
	88-75-5	2-Nitrophenol	740	U	UG/KG	ME 705	B2,3/7	TRG
	83-32-9	Acenaphthene	740	U	UG/KG		B2,3/7	
	78-59-1	Isophorone	740	U	UG/KG		B2,3/7	
	77-47-4	Hexachlorocyclopentadiene	740	U	UG/KG		B2,3/7	
	67-72-1	Hexachloroethane	740	U	UG/KG		B2,3/7	
	56-55-3	Benzo(a)anthracene	740	U	UG/KG		B2,3/7	
	59-50-7	4-Chloro-3-methylphenol	740	U	UG/KG		B2,3/7	
	65-85-0	Benzoic acid	3600	U	UG/KG		B2,3/7	
	53-70-3	Dibenzo(a,h)anthracene	740	U	UG/KG		B2,3/7	
	51-28-5	2,4-Dinitrophenol	3600	U	UG/KG		B2,3/7	
	56-23-5	Carbon Tetrachloride	6	U	UG/KG	MV 705	B2,3/7	
	75-15-0	Carbon disulfide	6	U	UG/KG		B2,3/7	
	75-25-2	Bromoform	6	U	UG/KG		B2,3/7	
	100-41-4	Ethylbenzene	6	U	UG/KG		B2,3/7	
	100-42-5	Styrene	6	U	UG/KG		B2,3/7	
	107-06-2	1,2-Dichloroethane	6	U	UG/KG		B2,3/7	
	108-05-4	Vinyl Acetate	11	U	UG/KG		B2,3/7	
	108-88-3	Toluene	2	J	UG/KG		B2,3/7	
	108-90-7	Chlorobenzene	6	U	UG/KG		B2,3/7	
	124-48-1	Dibromochloromethane	6	U	UG/KG		B2,3/7	
	127-18-4	Tetrachloroethene	6	U	UG/KG		B2,3/7	
	591-78-6	2-Hexanone	11	U	UG/KG		B2,3/7	
	1330-20-7	Total xylenes	6	U	UG/KG		B2,3/7	
	10061-01-5	cis-1,3-Dichloropropene	6	U	UG/KG		B2,3/7	
	10061-02-6	trans-1,3-Dichloropropene	6	U	UG/KG		B2,3/7	
	540-59-0	1,2-Dichloroethylene	6	U	UG/KG		B2,3/7	
	108-10-1	4-Methyl-2-pentanone	11	U	UG/KG		B2,3/7	
	75-27-4	Bromodichloromethane	6	U	UG/KG		B2,3/7	
	75-34-3	1,1-Dichloroethane	6	U	UG/KG		B2,3/7	
	78-87-5	1,2-Dichloropropane	6	U	UG/KG		B2,3/7	
	78-93-3	2-Butanone	11	U	UG/KG		B2,3/7	
	79-00-5	1,1,2-Trichloroethane	6	U	UG/KG		B2,3/7	
	79-01-6	Trichloroethene	6	U	UG/KG		B2,3/7	
	79-34-5	1,1,2,2-Tetrachloroethane	6	U	UG/KG		B2,3/7	
	IT0-001	% Moisture	12		% MOISTURE		B2,3/7	
	75-35-4	1,1-Dichloroethene	6	U	UG/KG		B2,3/7	
	75-09-2	Methylene chloride	11	B	UG/KG		B2,3/7	
	75-01-4	Vinyl chloride	11	U	UG/KG		B2,3/7	
	75-00-3	Chloroethane	11	U	UG/KG		B2,3/7	
	74-87-3	Chloromethane	11	U	UG/KG		B2,3/7	
	71-43-2	Benzene	6	U	UG/KG		B2,3/7	
	71-55-6	1,1,1-Trichloroethane	6	U	UG/KG		B2,3/7	
	74-83-9	Bromomethane	11	U	UG/KG		B2,3/7	
	67-66-3	Chloroform	6	U	UG/KG		B2,3/7	
	67-64-1	Acetone	15	B	UG/KG		B2,3/7	
	57-12-5	Cyanide	.6	U	MG/KG	WW 037	B2,3/7	

3 10 01137

APPENDIX A
ANALYTICAL RESULTS

SAMPLE NUM	PARAMETER CODE	COMPOUND/ANALYTE	RESULTS	QUALIFIER	UNITS	PRODUCT CODE	SAMPLE LOCATION	FLAG
	7439-92-1	Lead	6.4	G	MG/KG	AG 704	B2,7/11	TRG
	7440-38-2	Arsenic	3	UN	MG/KG		B2,7/11	
	7782-49-2	Selenium	.4	UWN	MG/KG		B2,7/11	
	7440-28-0	Thallium	.2	UW	MG/KG		B2,7/11	
	ITO-003	% Solids	90.9		% SOLIDS	AP 706	B2,7/11	
	7439-89-6	Iron	4460	*	MG/KG		B2,7/11	
	7440-39-3	Barium	58		MG/KG		B2,7/11	
	7440-43-9	Cadmium	.6	U	MG/KG		B2,7/11	
	7440-41-7	Beryllium	.3	B	MG/KG		B2,7/11	
	7440-48-4	Cobalt	2	U	MG/KG		B2,7/11	
	7440-50-8	Copper	3	B	MG/KG		B2,7/11	
	7440-62-2	Vanadium	10		MG/KG		B2,7/11	
	7440-66-6	Zinc	6.8		MG/KG		B2,7/11	
	7440-70-2	Calcium	236	B	MG/KG		B2,7/11	
	7440-47-3	Chromium	6	*	MG/KG		B2,7/11	
	7439-95-4	Magnesium	153	B	MG/KG		B2,7/11	
	7440-22-4	Silver	.6	UN	MG/KG		B2,7/11	
	7440-36-0	Antimony	3	UN	MG/KG		B2,7/11	
	7440-23-5	Sodium	34	B	MG/KG		B2,7/11	
	7440-09-7	Potassium	110	U	MG/KG		B2,7/11	
	7440-02-0	Nickel	2	U	MG/KG		B2,7/11	
	7439-96-5	Manganese	211	*	MG/KG		B2,7/11	
	7429-90-5	Aluminum	5460	*	MG/KG		B2,7/11	
	7439-97-6	Mercury	.02	UN	MG/KG	AV 006	B2,7/11	
	50-29-3	4,4'-DDT	18	U	UG/KG	GC 723	B2,7/11	
	72-20-8	Endrin	18	U	UG/KG		B2,7/11	
	11097-69-1	Aroclor-1254	180	U	UG/KG		B2,7/11	
	11104-28-2	Aroclor-1221	90	U	UG/KG		B2,7/11	
	11141-16-5	Aroclor-1232	90	U	UG/KG		B2,7/11	
	12672-29-6	Aroclor-1248	90	U	UG/KG		B2,7/11	
	12674-11-2	Aroclor-1016	90	U	UG/KG		B2,7/11	
	33213-65-9	Endosulfan II	18	U	UG/KG		B2,7/11	
	72-43-5	Methoxychlor	90	U	UG/KG		B2,7/11	
	53469-21-9	Aroclor-1242	90	U	UG/KG		B2,7/11	
	53494-70-5	Endrin ketone	18	U	UG/KG		B2,7/11	
	72-54-8	4,4'-DDD	18	U	UG/KG		B2,7/11	
	72-55-9	4,4'-DDE	18	U	UG/KG		B2,7/11	
	1024-57-3	Heptachlor epoxide	9	U	UG/KG		B2,7/11	
	1031-07-8	Endosulfan sulfate	18	U	UG/KG		B2,7/11	
	5103-71-9	alpha-Chlordane	90	U	UG/KG		B2,7/11	
	5103-74-2	gamma-Chlordane	90	U	UG/KG		B2,7/11	
	11096-82-5	Aroclor-1260	180	U	UG/KG		B2,7/11	
	8001-35-2	Toxaphene	180	U	UG/KG		B2,7/11	
	959-98-8	Endosulfan-I	9	U	UG/KG		B2,7/11	
	319-86-8	delta-BHC	9	U	UG/KG		B2,7/11	
	319-85-7	beta-BHC	9	U	UG/KG		B2,7/11	
	319-84-6	alpha-BHC	9	U	UG/KG		B2,7/11	
	309-00-2	Aldrin	9	U	UG/KG		B2,7/11	
	ITO-001	% Moisture	11		% MOISTURE		B2,7/11	
	76-44-8	Heptachlor	9	U	UG/KG		B2,7/11	
	60-57-1	Dieldrin	18	U	UG/KG		B2,7/11	
	58-89-9	gamma-BHC (Lindane)	9	U	UG/KG		B2,7/11	

3 10 01138

APPENDIX A
ANALYTICAL RESULTS

SAMPLE NUMB	PARAMETER CODE	COMPOUND/ANALYTE	RESULTS	QUALIFIER	UNITS	PRODUCT CODE	SAMPLE LOCATION	FLAG
	50-32-8	Benzo(a)pyrene	730	U	UG/KG	ME 705	B2,7/11	TRG
	56-55-3	Benzo(a)anthracene	730	U	UG/KG		B2,7/11	
	106-44-5	4-Methylphenol	730	U	UG/KG		B2,7/11	
	106-46-7	1,4-Dichlorobenzene	730	U	UG/KG		B2,7/11	
	106-47-8	4-Chloroaniline	730	U	UG/KG		B2,7/11	
	108-95-2	Phenol	730	U	UG/KG		B2,7/11	
	111-44-4	bis(2-Chloroethyl)ether	730	U	UG/KG		B2,7/11	
	111-91-1	bis(2-Chloroethoxy)methane	730	U	UG/KG		B2,7/11	
	117-84-0	Di-n-octyl phthalate	730	U	UG/KG		B2,7/11	
	118-74-1	Hexachlorobenzene	730	U	UG/KG		B2,7/11	
	120-12-7	Anthracene	730	U	UG/KG		B2,7/11	
	120-83-2	2,4-Dichlorophenol	730	U	UG/KG		B2,7/11	
	121-14-2	2,4-Dinitrotoluene	730	U	UG/KG		B2,7/11	
	129-00-0	Pyrene	730	U	UG/KG		B2,7/11	
	132-64-9	Dibenzofuran	730	U	UG/KG		B2,7/11	
	191-24-2	Benzo(g,h,i)perylene	730	U	UG/KG		B2,7/11	
	193-39-5	Indeno(1,2,3-cd)pyrene	730	U	UG/KG		B2,7/11	
	206-44-0	Fluoranthene	730	U	UG/KG		B2,7/11	
	207-08-9	Benzo(k)fluoranthene	730	U	UG/KG		B2,7/11	
	208-96-8	Acenaphthylene	730	U	UG/KG		B2,7/11	
	534-52-1	4,6-Dinitro-2-methylphenol	3600	U	UG/KG		B2,7/11	
	541-73-1	1,3-Dichlorobenzene	730	U	UG/KG		B2,7/11	
	606-20-2	2,6-Dinitrotoluene	730	U	UG/KG		B2,7/11	
	7005-72-3	4-Chlorophenylphenyl ether	730	U	UG/KG		B2,7/11	
	621-64-7	N-Nitroso-di-n-propylamine	730	U	UG/KG		B2,7/11	
	218-01-9	Chrysene	730	U	UG/KG		B2,7/11	
	205-99-2	Benzo(b)fluoranthene	730	U	UG/KG		B2,7/11	
	131-11-3	Dimethyl phthalate	730	U	UG/KG		B2,7/11	
	120-82-1	1,2,4-Trichlorobenzene	730	U	UG/KG		B2,7/11	
	117-81-7	bis(2-Ethylhexyl) phthalate	1700	B	UG/KG		B2,7/11	
	108-60-1	bis(2-Chloroisopropyl)ether	730	U	UG/KG		B2,7/11	
	59-50-7	4-Chloro-3-methylphenol	730	U	UG/KG		B2,7/11	
	65-85-0	Benzoic acid	3600	U	UG/KG		B2,7/11	
	91-57-6	2-Methylnaphthalene	730	U	UG/KG		B2,7/11	
	91-58-7	2-Chloronaphthalene	730	U	UG/KG		B2,7/11	
	91-94-1	3,3'-Dichlorobenzidine	1500	U	UG/KG		B2,7/11	
	95-48-7	2-Methylphenol	730	U	UG/KG		B2,7/11	
	95-50-1	1,2-Dichlorobenzene	730	U	UG/KG		B2,7/11	
	95-57-8	2-Chlorophenol	730	U	UG/KG		B2,7/11	
	86-73-7	Fluorene	730	U	UG/KG		B2,7/11	
	87-68-3	Hexachlorobutadiene	730	U	UG/KG		B2,7/11	
	87-86-5	Pentachlorophenol	3600	U	UG/KG		B2,7/11	
	88-06-2	2,4,6-Trichlorophenol	730	U	UG/KG		B2,7/11	
	95-95-4	2,4,5-Trichlorophenol	3600	U	UG/KG		B2,7/11	
	98-95-3	Nitrobenzene	730	U	UG/KG		B2,7/11	
	99-09-2	3-Nitroaniline	3600	U	UG/KG		B2,7/11	
	IT0-001	% Moisture	11		% MOISTURE		B2,7/11	
	100-01-6	4-Nitroaniline	3600	U	UG/KG		B2,7/11	
	100-02-7	4-Nitrophenol	3600	U	UG/KG		B2,7/11	
	100-51-6	Benzyl alcohol	730	U	UG/KG		B2,7/11	
	105-67-9	2,4-Dimethylphenol	730	U	UG/KG		B2,7/11	
	101-55-3	4-Bromophenyl phenyl ether	730	U	UG/KG		B2,7/11	
	88-74-4	2-Nitroaniline	3600	U	UG/KG		B2,7/11	
	86-30-6	N-Nitrosodiphenylamine	730	U	UG/KG		B2,7/11	
	88-75-5	2-Nitrophenol	730	U	UG/KG		B2,7/11	
	91-20-3	Naphthalene	730	U	UG/KG		B2,7/11	

3 10 01139

APPENDIX A
ANALYTICAL RESULTS

SAMPLE NUM	PARAMETER CODE	COMPOUND/ANALYTE	RESULTS	QUALIFIER	UNITS	PRODUCT CODE	SAMPLE LOCATION	FLAG
	85-68-7	Butyl benzyl phthalate	730	U	UG/KG	ME 705	B2,7/11	TRG
	85-01-8	Phenanthrene	730	U	UG/KG		B2,7/11	
	84-74-2	Di-n-butyl phthalate	730	U	UG/KG		B2,7/11	
	84-66-2	Diethyl phthalate	730	U	UG/KG		B2,7/11	
	83-32-9	Acenaphthene	730	U	UG/KG		B2,7/11	
	78-59-1	Isophorone	730	U	UG/KG		B2,7/11	
	77-47-4	Hexachlorocyclopentadiene	730	U	UG/KG		B2,7/11	
	67-72-1	Hexachloroethane	730	U	UG/KG		B2,7/11	
	53-70-3	Dibenzo(a,h)anthracene	730	U	UG/KG		B2,7/11	
	51-28-5	2,4-Dinitrophenol	3600	U	UG/KG		B2,7/11	
	56-23-5	Carbon Tetrachloride	6	U	UG/KG	MV 705	B2,7/11	
	67-66-3	Chloroform	6	U	UG/KG		B2,7/11	
	75-25-2	Bromoform	6	U	UG/KG		B2,7/11	
	79-01-6	Trichloroethene	6	U	UG/KG		B2,7/11	
	79-34-5	1,1,2,2-Tetrachloroethane	6	U	UG/KG		B2,7/11	
	ITO-001	% Moisture	11		% MOISTURE		B2,7/11	
	100-42-5	Styrene	6	U	UG/KG		B2,7/11	
	100-41-4	Ethylbenzene	6	U	UG/KG		B2,7/11	
	107-06-2	1,2-Dichloroethane	6	U	UG/KG		B2,7/11	
	108-05-4	Vinyl Acetate	11	U	UG/KG		B2,7/11	
	108-10-1	4-Methyl-2-pentanone	11	U	UG/KG		B2,7/11	
	108-88-3	Toluene	3	J	UG/KG		B2,7/11	
	108-90-7	Chlorobenzene	6	U	UG/KG		B2,7/11	
	124-48-1	Dibromochloromethane	6	U	UG/KG		B2,7/11	
	127-18-4	Tetrachloroethene	6	U	UG/KG		B2,7/11	
	540-59-0	1,2-Dichloroethylene	6	U	UG/KG		B2,7/11	
	591-78-6	2-Hexanone	11	U	UG/KG		B2,7/11	
	1330-20-7	Total xylenes	6	U	UG/KG		B2,7/11	
	10061-02-6	trans-1,3-Dichloropropene	6	U	UG/KG		B2,7/11	
	10061-01-5	cis-1,3-Dichloropropene	6	U	UG/KG		B2,7/11	
	75-15-0	Carbon disulfide	6	U	UG/KG		B2,7/11	
	75-34-3	1,1-Dichloroethane	6	U	UG/KG		B2,7/11	
	75-35-4	1,1-Dichloroethene	6	U	UG/KG		B2,7/11	
	75-27-4	Bromodichloromethane	6	U	UG/KG		B2,7/11	
	78-87-5	1,2-Dichloropropane	6	U	UG/KG		B2,7/11	
	78-93-3	2-Butanone	11	U	UG/KG		B2,7/11	
	79-00-5	1,1,2-Trichloroethane	6	U	UG/KG		B2,7/11	
	75-09-2	Methylene chloride	14	B	UG/KG		B2,7/11	
	71-43-2	Benzene	6	U	UG/KG		B2,7/11	
	75-01-4	Vinyl chloride	11	U	UG/KG		B2,7/11	
	75-00-3	Chloroethane	11	U	UG/KG		B2,7/11	
	74-87-3	Chloromethane	11	U	UG/KG		B2,7/11	
	74-83-9	Bromomethane	11	U	UG/KG		B2,7/11	
	71-55-6	1,1,1-Trichloroethane	6	U	UG/KG		B2,7/11	
	67-64-1	Acetone	30	B	UG/KG		B2,7/11	
	57-12-5	Cyanide	.6	U	MG/KG	WW 037	B2,7/11	

3 10 01140

APPENDIX A
ANALYTICAL RESULTS

SAMPLE NUM	PARAMETER CODE	COMPOUND/ANALYTE	RESULTS	QUALIFIER	UNITS	PRODUCT CODE	SAMPLE LOCATION	FLAG
	7439-92-1	Lead	7.2		MG/KG	AG 704	B2,3/7	TRG
	7782-49-2	Selenium	.5	UWN	MG/KG		B2,3/7	
	7440-38-2	Arsenic	4	UWN	MG/KG		B2,3/7	
	7440-28-0	Thallium	.2	UW	MG/KG		B2,3/7	
	ITO-003	% Solids	88.2		% SOLIDS	AP 706	B2,3/7	
	7440-39-3	Barium	41.3		MG/KG		B2,3/7	
	7440-41-7	Beryllium	.2	B	MG/KG		B2,3/7	
	7440-43-9	Cadmium	.6	U	MG/KG		B2,3/7	
	7440-47-3	Chromium	6	*	MG/KG		B2,3/7	
	7440-50-8	Copper	2	B	MG/KG		B2,3/7	
	7440-62-2	Vanadium	13		MG/KG		B2,3/7	
	7440-66-6	Zinc	5.3		MG/KG		B2,3/7	
	7440-70-2	Calcium	388	B	MG/KG		B2,3/7	
	7440-48-4	Cobalt	2	U	MG/KG		B2,3/7	
	7440-36-0	Antimony	3	UN	MG/KG		B2,3/7	
	7440-23-5	Sodium	37	B	MG/KG		B2,3/7	
	7439-89-6	Iron	3130	*	MG/KG		B2,3/7	
	7440-22-4	Silver	.6	UN	MG/KG		B2,3/7	
	7440-09-7	Potassium	113	U	MG/KG		B2,3/7	
	7440-02-0	Nickel	2	U	MG/KG		B2,3/7	
	7439-96-5	Manganese	69.8	*	MG/KG		B2,3/7	
	7439-95-4	Magnesium	168	B	MG/KG		B2,3/7	
	7429-90-5	Aluminum	3770	*	MG/KG		B2,3/7	
	7439-97-6	Mercury	.05	N	MG/KG	AV 006	B2,3/7	
	50-29-3	4,4'-DDT	18	U	UG/KG	GC 723	B2,3/7	
	76-44-8	Heptachlor	9.1	U	UG/KG		B2,3/7	
	11096-82-5	Aroclor-1260	180	U	UG/KG		B2,3/7	
	11097-69-1	Aroclor-1254	180	U	UG/KG		B2,3/7	
	11104-28-2	Aroclor-1221	91	U	UG/KG		B2,3/7	
	12672-29-6	Aroclor-1248	91	U	UG/KG		B2,3/7	
	12674-11-2	Aroclor-1016	91	U	UG/KG		B2,3/7	
	33213-65-9	Endosulfan II	18	U	UG/KG		B2,3/7	
	53469-21-9	Aroclor-1242	91	U	UG/KG		B2,3/7	
	53494-70-5	Endrin ketone	18	U	UG/KG		B2,3/7	
	11141-16-5	Aroclor-1232	91	U	UG/KG		B2,3/7	
	319-86-8	delta-BHC	9.1	U	UG/KG		B2,3/7	
	959-98-8	Endosulfan-I	9.1	U	UG/KG		B2,3/7	
	319-85-7	beta-BHC	9.1	U	UG/KG		B2,3/7	
	1031-07-8	Endosulfan sulfate	18	U	UG/KG		B2,3/7	
	5103-71-9	alpha-Chlordane	91	U	UG/KG		B2,3/7	
	5103-74-2	gamma-Chlordane	91	U	UG/KG		B2,3/7	
	8001-35-2	Toxaphene	180	U	UG/KG		B2,3/7	
	1024-57-3	Heptachlor epoxide	9.1	U	UG/KG		B2,3/7	
	319-84-6	alpha-BHC	9.1	U	UG/KG		B2,3/7	
	309-00-2	Aldrin	9.1	U	UG/KG		B2,3/7	
	ITO-001	% Moisture	12		% MOISTURE		B2,3/7	
	72-43-5	Methoxychlor	91	U	UG/KG		B2,3/7	
	72-54-8	4,4'-DDD	18	U	UG/KG		B2,3/7	
	72-55-9	4,4'-DDE	18	U	UG/KG		B2,3/7	
	60-57-1	Dieldrin	18	U	UG/KG		B2,3/7	
	72-20-8	Endrin	18	U	UG/KG		B2,3/7	
	58-89-9	gamma-BHC (Lindane)	9.1	U	UG/KG		B2,3/7	

3 10 01141

APPENDIX A
ANALYTICAL RESULTS

SAMPLE NUMB	PARAMETER CODE	COMPOUND/ANALYTE	RESULTS	QUALIFIER	UNITS	PRODUCT CODE	SAMPLE LOCATION	FLAG
3	50-32-8	Benzo(a)pyrene	740	U	UG/KG	ME 705	B2,3/7	TRG
	101-55-3	4-Bromophenyl phenyl ether	740	U	UG/KG		B2,3/7	
	105-67-9	2,4-Dimethylphenol	740	U	UG/KG		B2,3/7	
	106-44-5	4-Methylphenol	740	U	UG/KG		B2,3/7	
	106-47-8	4-Chloroaniline	740	U	UG/KG		B2,3/7	
	108-60-1	bis(2-Chloroisopropyl)ether	740	U	UG/KG		B2,3/7	
	108-95-2	Phenol	740	U	UG/KG		B2,3/7	
	111-91-1	bis(2-Chloroethoxy)methane	740	U	UG/KG		B2,3/7	
	117-81-7	bis(2-Ethylhexyl) phthalate	880	B	UG/KG		B2,3/7	
	117-84-0	Di-n-octyl phthalate	740	U	UG/KG		B2,3/7	
	120-12-7	Anthracene	740	U	UG/KG		B2,3/7	
	120-82-1	1,2,4-Trichlorobenzene	740	U	UG/KG		B2,3/7	
	120-83-2	2,4-Dichlorophenol	740	U	UG/KG		B2,3/7	
	129-00-0	Pyrene	740	U	UG/KG		B2,3/7	
	131-11-3	Dimethyl phthalate	740	U	UG/KG		B2,3/7	
	132-64-9	Dibenzofuran	740	U	UG/KG		B2,3/7	
	193-39-5	Indeno(1,2,3-cd)pyrene	740	U	UG/KG		B2,3/7	
	205-99-2	Benzo(b)fluoranthene	740	U	UG/KG		B2,3/7	
	206-44-0	Fluoranthene	740	U	UG/KG		B2,3/7	
	208-96-8	Acenaphthylene	740	U	UG/KG		B2,3/7	
	218-01-9	Chrysene	740	U	UG/KG		B2,3/7	
	534-52-1	4,6-Dinitro-2-methylphenol	3600	U	UG/KG		B2,3/7	
	606-20-2	2,6-Dinitrotoluene	740	U	UG/KG		B2,3/7	
	621-64-7	N-Nitroso-di-n-propylamine	740	U	UG/KG		B2,3/7	
	7005-72-3	4-Chlorophenylphenyl ether	740	U	UG/KG		B2,3/7	
	541-73-1	1,3-Dichlorobenzene	740	U	UG/KG		B2,3/7	
	207-08-9	Benzo(k)fluoranthene	740	U	UG/KG		B2,3/7	
	191-24-2	Benzo(g,h,i)perylene	740	U	UG/KG		B2,3/7	
	121-14-2	2,4-Dinitrotoluene	740	U	UG/KG		B2,3/7	
	118-74-1	Hexachlorobenzene	740	U	UG/KG		B2,3/7	
	111-44-4	bis(2-Chloroethyl)ether	740	U	UG/KG		B2,3/7	
	106-46-7	1,4-Dichlorobenzene	740	U	UG/KG		B2,3/7	
	56-55-3	Benzo(a)anthracene	740	U	UG/KG		B2,3/7	
	59-50-7	4-Chloro-3-methylphenol	740	U	UG/KG		B2,3/7	
	65-85-0	Benzoic acid	3600	U	UG/KG		B2,3/7	
	85-68-7	Butyl benzyl phthalate	740	U	UG/KG		B2,3/7	
	91-94-1	3,3'-Dichlorobenzidine	1500	U	UG/KG		B2,3/7	
	95-48-7	2-Methylphenol	740	U	UG/KG		B2,3/7	
	95-50-1	1,2-Dichlorobenzene	740	U	UG/KG		B2,3/7	
	95-57-8	2-Chlorophenol	740	U	UG/KG		B2,3/7	
	95-95-4	2,4,5-Trichlorophenol	3600	U	UG/KG		B2,3/7	
	98-95-3	Nitrobenzene	740	U	UG/KG		B2,3/7	
	86-30-6	N-Nitrosodiphenylamine	740	U	UG/KG		B2,3/7	
	86-73-7	Fluorene	740	U	UG/KG		B2,3/7	
	87-68-3	Hexachlorobutadiene	740	U	UG/KG		B2,3/7	
	99-09-2	3-Nitroaniline	3600	U	UG/KG		B2,3/7	
	ITO-001	% Moisture	12		% MOISTURE		B2,3/7	
	100-01-6	4-Nitroaniline	3600	U	UG/KG		B2,3/7	
	88-06-2	2,4,6-Trichlorophenol	740	U	UG/KG		B2,3/7	
	100-02-7	4-Nitrophenol	3600	U	UG/KG		B2,3/7	
	100-51-6	Benzyl alcohol	740	U	UG/KG		B2,3/7	
	88-74-4	2-Nitroaniline	3600	U	UG/KG		B2,3/7	
	88-75-5	2-Nitrophenol	740	U	UG/KG		B2,3/7	
	91-20-3	Naphthalene	740	U	UG/KG		B2,3/7	
	91-57-6	2-Methylnaphthalene	740	U	UG/KG		B2,3/7	
	91-58-7	2-Chloronaphthalene	740	U	UG/KG		B2,3/7	

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APPENDIX A
ANALYTICAL RESULTS

SAMPLE NUMBER	PARAMETER CODE	COMPOUND/ANALYTE	RESULTS	QUALIFIER	UNITS	PRODUCT CODE	SAMPLE LOCATION	FLAG
J.	87-86-5	Pentachlorophenol	3600	U	UG/KG	ME 705	B2,3/7	TRG
	85-01-8	Phenanthrene	740	U	UG/KG		B2,3/7	
	84-74-2	Di-n-butyl phthalate	82	J	UG/KG		B2,3/7	
	67-72-1	Hexachloroethane	740	U	UG/KG		B2,3/7	
	84-66-2	Diethyl phthalate	740	U	UG/KG		B2,3/7	
	83-32-9	Acenaphthene	740	U	UG/KG		B2,3/7	
	78-59-1	Isophorone	740	U	UG/KG		B2,3/7	
	77-47-4	Hexachlorocyclopentadiene	740	U	UG/KG		B2,3/7	
	53-70-3	Dibenzo(a,h)anthracene	740	U	UG/KG		B2,3/7	
	51-28-5	2,4-Dinitrophenol	3600	U	UG/KG		B2,3/7	
	56-23-5	Carbon Tetrachloride	6	U	UG/KG	MV 705	B2,3/7	
	67-66-3	Chloroform	6	U	UG/KG		B2,3/7	
	71-43-2	Benzene	6	U	UG/KG		B2,3/7	
	79-34-5	1,1,2,2-Tetrachloroethane	6	U	UG/KG		B2,3/7	
	75-27-4	Bromodichloromethane	6	U	UG/KG		B2,3/7	
	75-25-2	Bromoform	6	U	UG/KG		B2,3/7	
	IT0-001	% Moisture	12		% MOISTURE		B2,3/7	
	100-41-4	Ethylbenzene	6	U	UG/KG		B2,3/7	
	100-42-5	Styrene	6	U	UG/KG		B2,3/7	
	107-06-2	1,2-Dichloroethane	6	U	UG/KG		B2,3/7	
	108-05-4	Vinyl Acetate	11	U	UG/KG		B2,3/7	
	108-90-7	Chlorobenzene	6	U	UG/KG		B2,3/7	
	124-48-1	Dibromochloromethane	6	U	UG/KG		B2,3/7	
	127-18-4	Tetrachloroethene	6	U	UG/KG		B2,3/7	
	540-59-0	1,2-Dichloroethylene	6	U	UG/KG		B2,3/7	
	591-78-6	2-Hexanone	11	U	UG/KG		B2,3/7	
	1330-20-7	Total xylenes	6	U	UG/KG		B2,3/7	
	10061-01-5	cis-1,3-Dichloropropene	6	U	UG/KG		B2,3/7	
	10061-02-6	trans-1,3-Dichloropropene	6	U	UG/KG		B2,3/7	
	108-88-3	Toluene	3	J	UG/KG		B2,3/7	
	108-10-1	4-Methyl-2-pentanone	11	U	UG/KG		B2,3/7	
	75-35-4	1,1-Dichloroethene	6	U	UG/KG		B2,3/7	
	78-87-5	1,2-Dichloropropane	6	U	UG/KG		B2,3/7	
	78-93-3	2-Butanone	11	U	UG/KG		B2,3/7	
	79-00-5	1,1,2-Trichloroethane	6	U	UG/KG		B2,3/7	
	79-01-6	Trichloroethene	6	U	UG/KG		B2,3/7	
	75-34-3	1,1-Dichloroethane	6	U	UG/KG		B2,3/7	
	75-15-0	Carbon disulfide	6	U	UG/KG		B2,3/7	
	74-87-3	Chloromethane	11	U	UG/KG		B2,3/7	
	75-09-2	Methylene chloride	14	B	UG/KG		B2,3/7	
	75-01-4	Vinyl chloride	11	U	UG/KG		B2,3/7	
	75-00-3	Chloroethane	11	U	UG/KG		B2,3/7	
	74-83-9	Bromomethane	11	U	UG/KG		B2,3/7	
	71-55-6	1,1,1-Trichloroethane	6	U	UG/KG		B2,3/7	
	67-64-1	Acetone	24	B	UG/KG		B2,3/7	
	57-12-5	Cyanide	.6	U	MG/KG	WW 037	B2,3/7	

3 10 01143

APPENDIX A
ANALYTICAL RESULTS

SAMPLE NUM	PARAMETER CODE	COMPOUND/ANALYTE	RESULTS	QUALIFIER	UNITS	PRODUCT CODE	SAMPLE LOCATION	FLAG
	7439-92-1	Lead	15	G	MG/KG	AG 704	B8,3/7	TRG
	7782-49-2	Selenium	.4	UWN	MG/KG		B8,3/7	
	7440-38-2	Arsenic	4	UWN	MG/KG		B8,3/7	
	7440-28-0	Thallium	.2	U	MG/KG		B8,3/7	
	ITO-003	% Solids	86.8		% SOLIDS	AP 706	B8,3/7	
	7440-02-0	Nickel	2	U	MG/KG		B8,3/7	
	7440-09-7	Potassium	663	B	MG/KG		B8,3/7	
	7440-47-3	Chromium	14	*	MG/KG		B8,3/7	
	7440-48-4	Cobalt	2	U	MG/KG		B8,3/7	
	7440-50-8	Copper	16		MG/KG		B8,3/7	
	7440-62-2	Vanadium	24		MG/KG		B8,3/7	
	7440-66-6	Zinc	34		MG/KG		B8,3/7	
	7440-70-2	Calcium	1900		MG/KG		B8,3/7	
	7440-43-9	Cadmium	.6	U	MG/KG		B8,3/7	
	7440-41-7	Beryllium	.2	B	MG/KG		B8,3/7	
	7440-22-4	Silver	.6	UN	MG/KG		B8,3/7	
	7440-39-3	Barium	53.9		MG/KG		B8,3/7	
	7440-36-0	Antimony	3	UN	MG/KG		B8,3/7	
	7440-23-5	Sodium	263	B	MG/KG		B8,3/7	
	7439-95-4	Magnesium	586	B	MG/KG		B8,3/7	
	7439-96-5	Manganese	93.9	*	MG/KG		B8,3/7	
	7439-89-6	Iron	11400	*	MG/KG		B8,3/7	
	7429-90-5	Aluminum	9120	*	MG/KG		B8,3/7	
	7439-97-6	Mercury	.11	N	MG/KG	AV 006	B8,3/7	
	50-29-3	4,4'-DDT	19	U	UG/KG	GC 723	B8,3/7	
	5103-71-9	alpha-Chlordane	94	U	UG/KG		B8,3/7	
	309-00-2	Aldrin	9.4	U	UG/KG		B8,3/7	
	60-57-1	Dieldrin	19	U	UG/KG		B8,3/7	
	319-85-7	beta-BHC	15	UZ	UG/KG		B8,3/7	
	5103-74-2	gamma-Chlordane	94	U	UG/KG		B8,3/7	
	8001-35-2	Toxaphene	190	U	UG/KG		B8,3/7	
	11096-82-5	Aroclor-1260	190	U	UG/KG		B8,3/7	
	11097-69-1	Aroclor-1254	190	U	UG/KG		B8,3/7	
	11104-28-2	Aroclor-1221	140	UZ	UG/KG		B8,3/7	
	12674-11-2	Aroclor-1016	94	U	UG/KG		B8,3/7	
	33213-65-9	Endosulfan II	19	U	UG/KG		B8,3/7	
	53469-21-9	Aroclor-1242	94	U	UG/KG		B8,3/7	
	53494-70-5	Endrin ketone	19	U	UG/KG		B8,3/7	
	12672-29-6	Aroclor-1248	94	U	UG/KG		B8,3/7	
	11141-16-5	Aroclor-1232	94	U	UG/KG		B8,3/7	
	319-86-8	delta-BHC	9.4	U	UG/KG		B8,3/7	
	959-98-8	Endosulfan-I	9.4	U	UG/KG		B8,3/7	
	1024-57-3	Heptachlor epoxide	9.4	U	UG/KG		B8,3/7	
	319-84-6	alpha-BHC	9.4	U	UG/KG		B8,3/7	
	1031-07-8	Endosulfan sulfate	19	U	UG/KG		B8,3/7	
	72-20-8	Endrin	19	U	UG/KG		B8,3/7	
	72-43-5	Methoxychlor	94	U	UG/KG		B8,3/7	
	ITO-001	% Moisture	15		% MOISTURE		B8,3/7	
	76-44-8	Heptachlor	9.4	U	UG/KG		B8,3/7	
	72-55-9	4,4'-DDE	19	U	UG/KG		B8,3/7	
	72-54-8	4,4'-DDD	19	U	UG/KG		B8,3/7	
	58-89-9	gamma-BHC (Lindane)	9.4	U	UG/KG		B8,3/7	

3 10 01144

APPENDIX A
ANALYTICAL RESULTS

SAMPLE NUMB	PARAMETER CODE	COMPOUND/ANALYTE	RESULTS	QUALIFIER	UNITS	PRODUCT CODE	SAMPLE LOCATION	FLAG
	50-32-8	Benzo(a)pyrene	1500	U	UG/KG	ME 705	B8,3/7	TRG
	88-06-2	2,4,6-Trichlorophenol	1500	U	UG/KG		B8,3/7	
	88-74-4	2-Nitroaniline	7500	U	UG/KG		B8,3/7	
	88-75-5	2-Nitrophenol	1500	U	UG/KG		B8,3/7	
	91-57-6	2-Methylnaphthalene	1500	U	UG/KG		B8,3/7	
	91-58-7	2-Chloronaphthalene	1500	U	UG/KG		B8,3/7	
	117-84-0	Di-n-octyl phthalate	580	J	UG/KG		B8,3/7	
	118-74-1	Hexachlorobenzene	1500	U	UG/KG		B8,3/7	
	91-94-1	3,3'-Dichlorobenzidine	3100	U	UG/KG		B8,3/7	
	95-48-7	2-Methylphenol	1500	U	UG/KG		B8,3/7	
	95-50-1	1,2-Dichlorobenzene	1500	U	UG/KG		B8,3/7	
	95-57-8	2-Chlorophenol	1500	U	UG/KG		B8,3/7	
	95-95-4	2,4,5-Trichlorophenol	7500	U	UG/KG		B8,3/7	
	98-95-3	Nitrobenzene	1500	U	UG/KG		B8,3/7	
	120-12-7	Anthracene	1500	U	UG/KG		B8,3/7	
	120-82-1	1,2,4-Trichlorobenzene	1500	U	UG/KG		B8,3/7	
	121-14-2	2,4-Dinitrotoluene	1500	U	UG/KG		B8,3/7	
	129-00-0	Pyrene	1500	U	UG/KG		B8,3/7	
	132-64-9	Dibenzofuran	1500	U	UG/KG		B8,3/7	
	191-24-2	Benzo(g,h,i)perylene	1500	U	UG/KG		B8,3/7	
	193-39-5	Indeno(1,2,3-cd)pyrene	1500	U	UG/KG		B8,3/7	
	205-99-2	Benzo(b)fluoranthene	1500	U	UG/KG		B8,3/7	
	206-44-0	Fluoranthene	1500	U	UG/KG		B8,3/7	
	207-08-9	Benzo(k)fluoranthene	1500	U	UG/KG		B8,3/7	
	218-01-9	Chrysene	1500	U	UG/KG		B8,3/7	
	534-52-1	4,6-Dinitro-2-methylphenol	7500	U	UG/KG		B8,3/7	
	541-73-1	1,3-Dichlorobenzene	1500	U	UG/KG		B8,3/7	
	621-64-7	N-Nitroso-di-n-propylamine	1500	U	UG/KG		B8,3/7	
	7005-72-3	4-Chlorophenylphenyl ether	1500	U	UG/KG		B8,3/7	
	606-20-2	2,6-Dinitrotoluene	1500	U	UG/KG		B8,3/7	
	208-96-8	Acenaphthylene	1500	U	UG/KG		B8,3/7	
	131-11-3	Dimethyl phthalate	1500	U	UG/KG		B8,3/7	
	120-83-2	2,4-Dichlorophenol	1500	U	UG/KG		B8,3/7	
	99-09-2	3-Nitroaniline	7500	U	UG/KG		B8,3/7	
	100-01-6	4-Nitroaniline	7500	U	UG/KG		B8,3/7	
	100-02-7	4-Nitrophenol	7500	U	UG/KG		B8,3/7	
	100-51-6	Benzyl alcohol	1500	U	UG/KG		B8,3/7	
	101-55-3	4-Bromophenyl phenyl ether	1500	U	UG/KG		B8,3/7	
	105-67-9	2,4-Dimethylphenol	1500	U	UG/KG		B8,3/7	
	106-44-5	4-Methylphenol	1500	U	UG/KG		B8,3/7	
	106-46-7	1,4-Dichlorobenzene	1500	U	UG/KG		B8,3/7	
	106-47-8	4-Chloroaniline	1500	U	UG/KG		B8,3/7	
	108-60-1	bis(2-Chloroisopropyl)ether	1500	U	UG/KG		B8,3/7	
	111-44-4	bis(2-Chloroethyl)ether	1500	U	UG/KG		B8,3/7	
	111-91-1	bis(2-Chloroethoxy)methane	1500	U	UG/KG		B8,3/7	
	117-81-7	bis(2-Ethylhexyl) phthalate	1400	BJ	UG/KG		B8,3/7	
	108-95-2	Phenol	610	J	UG/KG		B8,3/7	
	ITO-001	% Moisture	15		% MOISTURE		B8,3/7	
	91-20-3	Naphthalene	1500	U	UG/KG		B8,3/7	
	56-55-3	Benzo(a)anthracene	1500	U	UG/KG		B8,3/7	
	77-47-4	Hexachlorocyclopentadiene	1500	U	UG/KG		B8,3/7	
	85-01-8	Phenanthrene	1500	U	UG/KG		B8,3/7	
	85-68-7	Butyl benzyl phthalate	1500	U	UG/KG		B8,3/7	
	86-30-6	N-Nitrosodiphenylamine	1500	U	UG/KG		B8,3/7	
	86-73-7	Fluorene	1500	U	UG/KG		B8,3/7	
	87-68-3	Hexachlorobutadiene	1500	U	UG/KG		B8,3/7	

3 10 01145

APPENDIX A
ANALYTICAL RESULTS

SAMPLE NUM	PARAMETER CODE	COMPOUND/ANALYTE	RESULTS	QUALIFIER	UNITS	PRODUCT CODE	SAMPLE LOCATION	FLAG
	87-86-5	Pentachlorophenol	7500	U	UG/KG	ME 705	B8,3/7	TRG
	84-74-2	Di-n-butyl phthalate	1500	U	UG/KG		B8,3/7	
	84-66-2	Diethyl phthalate	1500	U	UG/KG		B8,3/7	
	83-32-9	Acenaphthene	1500	U	UG/KG		B8,3/7	
	78-59-1	Isophorone	1500	U	UG/KG		B8,3/7	
	67-72-1	Hexachloroethane	1500	U	UG/KG		B8,3/7	
	65-85-0	Benzoic acid	7500	U	UG/KG		B8,3/7	
	59-50-7	4-Chloro-3-methylphenol	1500	U	UG/KG		B8,3/7	
	53-70-3	Dibenzo(a,h)anthracene	1500	U	UG/KG		B8,3/7	
	51-28-5	2,4-Dinitrophenol	7500	U	UG/KG		B8,3/7	
	57-12-5	Cyanide	.7		MG/KG	WW 037	B8,3/7	

3 10 01146

APPENDIX A
ANALYTICAL RESULTS

SAMPLE NUMBER	PARAMETER CODE	COMPOUND/ANALYTE	RESULTS	QUALIFIER	UNITS	PRODUCT CODE	SAMPLE LOCATION	FLAG
	7439-92-1	Lead	5.5	G	MG/KG	AG 704	B8.7/11	TRG
	7440-38-2	Arsenic	3	UWN	MG/KG		B8.7/11	
	7782-49-2	Selenium	.4	UWN	MG/KG		B8.7/11	
	7440-28-0	Thallium	.2	U	MG/KG		B8.7/11	
	IT0-003	% Solids	87.5		% SOLIDS	AP 706	B8.7/11	
	7440-09-7	Potassium	591	B	MG/KG		B8.7/11	
	7440-23-5	Sodium	160	B	MG/KG		B8.7/11	
	7440-39-3	Barium	22.2	B	MG/KG		B8.7/11	
	7440-43-9	Cadmium	.6	U	MG/KG		B8.7/11	
	7440-48-4	Cobalt	2	U	MG/KG		B8.7/11	
	7440-62-2	Vanadium	17		MG/KG		B8.7/11	
	7440-70-2	Calcium	405	B	MG/KG		B8.7/11	
	7440-66-6	Zinc	5.5		MG/KG		B8.7/11	
	7440-50-8	Copper	3	B	MG/KG		B8.7/11	
	7440-47-3	Chromium	7	*	MG/KG		B8.7/11	
	7440-41-7	Beryilium	.1	B	MG/KG		B8.7/11	
	7440-36-0	Antimony	3	UN	MG/KG		B8.7/11	
	7440-22-4	Silver	.6	UN	MG/KG		B8.7/11	
	7440-02-0	Nickel	2	U	MG/KG		B8.7/11	
	7439-89-6	Iron	4480	*	MG/KG		B8.7/11	
	7439-96-5	Manganese	4.6	*	MG/KG		B8.7/11	
	7439-95-4	Magnesium	128	B	MG/KG		B8.7/11	
	7429-90-5	Aluminum	8540	*	MG/KG		B8.7/11	
	7439-97-6	Mercury	.02	UN	MG/KG	AV 906	B8.7/11	
	50-29-3	4,4'-DDT	19	U	UG/KG	GC 723	B8.7/11	
	53469-21-9	Aroclor-1242	91	U	UG/KG		B8.7/11	
	53494-70-5	Endrin ketone	19	U	UG/KG		B8.7/11	
	33213-65-9	Endosulfan II	19	U	UG/KG		B8.7/11	
	309-00-2	Aldrin	9.1	U	UG/KG		B8.7/11	
	319-84-6	alpha-BHC	9.1	U	UG/KG		B8.7/11	
	319-86-8	delta-BHC	9.1	U	UG/KG		B8.7/11	
	959-98-8	Endosulfan-I	9.1	U	UG/KG		B8.7/11	
	1024-57-3	Heptachlor epoxide	9.1	U	UG/KG		B8.7/11	
	5103-71-9	alpha-Chlordane	91	U	UG/KG		B8.7/11	
	5103-74-2	gamma-Chlordane	91	U	UG/KG		B8.7/11	
	8001-35-2	Toxaphene	190	U	UG/KG		B8.7/11	
	11097-69-1	Aroclor-1254	190	U	UG/KG		B8.7/11	
	11104-28-2	Aroclor-1221	91	U	UG/KG		B8.7/11	
	11141-16-5	Aroclor-1232	91	U	UG/KG		B8.7/11	
	12674-11-2	Aroclor-1016	91	U	UG/KG		B8.7/11	
	12672-29-6	Aroclor-1248	91	U	UG/KG		B8.7/11	
	11096-82-5	Aroclor-1260	190	U	UG/KG		B8.7/11	
	1031-07-8	Endosulfan sulfate	19	U	UG/KG		B8.7/11	
	319-85-7	beta-BHC	9.1	U	UG/KG		B8.7/11	
	72-43-5	Methoxychlor	91	U	UG/KG		B8.7/11	
	72-54-8	4,4'-DDD	19	U	UG/KG		B8.7/11	
	72-55-9	4,4'-DDE	19	U	UG/KG		B8.7/11	
	IT0-001	% Moisture	12		% MOISTURE		B8.7/11	
	76-44-8	Heptachlor	9.1	U	UG/KG		B8.7/11	
	60-57-1	Dieldrin	19	U	UG/KG		B8.7/11	
	72-20-8	Endrin	19	U	UG/KG		B8.7/11	
	58-89-9	gamma-BHC (Lindane)	9.1	U	UG/KG		B8.7/11	

3 10 01147

APPENDIX A
ANALYTICAL RESULTS

SAMPLE NUMB	PARAMETER CODE	COMPOUND/ANALYTE	RESULTS	QUALIFIER	UNITS	PRODUCT CODE	SAMPLE LOCATION	FLAG
	50-32-8	Benzo(a)pyrene	370	U	UG/KG	ME 705	B8.7/11	TRG
	132-64-9	Dibenzofuran	370	U	UG/KG		B8.7/11	
	193-39-5	Indeno(1,2,3-cd)pyrene	370	U	UG/KG		B8.7/11	
	206-44-0	Fluoranthene	370	U	UG/KG		B8.7/11	
	208-96-8	Acenaphthylene	370	U	UG/KG		B8.7/11	
	534-52-1	4,6-Dinitro-2-methylphenol	1800	U	UG/KG		B8.7/11	
	606-20-2	2,6-Dinitrotoluene	370	U	UG/KG		B8.7/11	
	7005-72-3	4-Chlorophenylphenyl ether	370	U	UG/KG		B8.7/11	
	621-64-7	N-Nitroso-di-n-propylamine	370	U	UG/KG		B8.7/11	
	541-73-1	1,3-Dichlorobenzene	370	U	UG/KG		B8.7/11	
	218-01-9	Chrysene	370	U	UG/KG		B8.7/11	
	207-08-9	Benzo(k)fluoranthene	370	U	UG/KG		B8.7/11	
	205-99-2	Benzo(b)fluoranthene	370	U	UG/KG		B8.7/11	
	191-24-2	Benzo(g,h,i)perylene	370	U	UG/KG		B8.7/11	
	88-06-2	2,4,6-Trichlorophenol	370	U	UG/KG		B8.7/11	
	88-75-5	2-Nitrophenol	370	U	UG/KG		B8.7/11	
	91-20-3	Naphthalene	370	U	UG/KG		B8.7/11	
	91-57-6	2-Methylnaphthalene	370	U	UG/KG		B8.7/11	
	91-94-1	3,3'-Dichlorobenzidine	750	U	UG/KG		B8.7/11	
	95-48-7	2-Methylphenol	370	U	UG/KG		B8.7/11	
	95-50-1	1,2-Dichlorobenzene	370	U	UG/KG		B8.7/11	
	95-95-4	2,4,5-Trichlorophenol	1800	U	UG/KG		B8.7/11	
	98-95-3	Nitrobenzene	370	U	UG/KG		B8.7/11	
	99-09-2	3-Nitroaniline	1800	U	UG/KG		B8.7/11	
	100-01-6	4-Nitroaniline	1800	U	UG/KG		B8.7/11	
	100-02-7	4-Nitrophenol	1800	U	UG/KG		B8.7/11	
	100-51-6	Benzyl alcohol	370	U	UG/KG		B8.7/11	
	105-67-9	2,4-Dimethylphenol	370	U	UG/KG		B8.7/11	
	106-44-5	4-Methylphenol	370	U	UG/KG		B8.7/11	
	106-46-7	1,4-Dichlorobenzene	370	U	UG/KG		B8.7/11	
	108-60-1	bis(2-Chloroisopropyl)ether	370	U	UG/KG		B8.7/11	
	108-95-2	Phenol	370	U	UG/KG		B8.7/11	
	111-44-4	bis(2-Chloroethyl)ether	370	U	UG/KG		B8.7/11	
	117-81-7	bis(2-Ethylhexyl) phthalate	1200	B	UG/KG		B8.7/11	
	117-84-0	Di-n-octyl phthalate	370	U	UG/KG		B8.7/11	
	118-74-1	Hexachlorobenzene	370	U	UG/KG		B8.7/11	
	120-82-1	1,2,4-Trichlorobenzene	370	U	UG/KG		B8.7/11	
	120-83-2	2,4-Dichlorophenol	370	U	UG/KG		B8.7/11	
	121-14-2	2,4-Dinitrotoluene	370	U	UG/KG		B8.7/11	
	131-11-3	Dimethyl phthalate	370	U	UG/KG		B8.7/11	
	129-00-0	Pyrene	370	U	UG/KG		B8.7/11	
	120-12-7	Anthracene	370	U	UG/KG		B8.7/11	
	111-91-1	bis(2-Chloroethoxy)methane	370	U	UG/KG		B8.7/11	
	106-47-8	4-Chloroaniline	370	U	UG/KG		B8.7/11	
	101-55-3	4-Bromophenyl phenyl ether	370	U	UG/KG		B8.7/11	
	IT0-001	% Moisture	12		% MOISTURE		B8.7/11	
	95-57-8	2-Chlorophenol	150	J	UG/KG		B8.7/11	
	91-58-7	2-Chloronaphthalene	370	U	UG/KG		B8.7/11	
	88-74-4	2-Nitroaniline	1800	U	UG/KG		B8.7/11	
	78-59-1	Isophorone	370	U	UG/KG		B8.7/11	
	83-32-9	Acenaphthene	370	U	UG/KG		B8.7/11	
	84-66-2	Diethyl phthalate	370	U	UG/KG		B8.7/11	
	85-01-8	Phenanthrene	370	U	UG/KG		B8.7/11	
	85-68-7	Butyl benzyl phthalate	370	U	UG/KG		B8.7/11	
	86-30-6	N-Nitrosodiphenylamine	370	U	UG/KG		B8.7/11	
	86-73-7	Fluorene	370	U	UG/KG		B8.7/11	

3 10 01148

APPENDIX A
ANALYTICAL RESULTS

SAMPLE NUMBER	PARAMETER CODE	COMPOUND/ANALYTE	RESULTS	QUALIFIER	UNITS	PRODUCT CODE	SAMPLE LOCATION	FLAG
	87-68-3	Hexachlorobutadiene	370	U	UG/KG	ME 705	88.7/11	TRG
	87-86-5	Pentachlorophenol	1800	U	UG/KG		88.7/11	
	84-74-2	Di-n-butyl phthalate	370	U	UG/KG		88.7/11	
	59-50-7	4-Chloro-3-methylphenol	370	U	UG/KG		88.7/11	
	65-85-0	Benzoic acid	700	J	UG/KG		88.7/11	
	67-72-1	Hexachloroethane	370	U	UG/KG		88.7/11	
	77-47-4	Hexachlorocyclopentadiene	370	U	UG/KG		88.7/11	
	53-70-3	Dibenzo(a,h)anthracene	370	U	UG/KG		88.7/11	
	56-55-3	Benzo(a)anthracene	370	U	UG/KG		88.7/11	
	51-28-5	2,4-Dinitrophenol	1800	U	UG/KG		88.7/11	
	56-23-5	Carbon Tetrachloride	6	U	UG/KG	MV 705	88.7/11	
	75-35-4	1,1-Dichloroethene	6	U	UG/KG		88.7/11	
	78-87-5	1,2-Dichloropropane	6	U	UG/KG		88.7/11	
	78-93-3	2-Butanone	12		UG/KG		88.7/11	
	79-00-5	1,1,2-Trichloroethane	6	U	UG/KG		88.7/11	
	79-01-6	Trichloroethene	6	U	UG/KG		88.7/11	
	79-34-5	1,1,2,2-Tetrachloroethane	6	U	UG/KG		88.7/11	
	IT0-001	% Moisture	12		% MOISTURE		88.7/11	
	100-41-4	Ethylbenzene	6	U	UG/KG		88.7/11	
	107-06-2	1,2-Dichloroethane	6	U	UG/KG		88.7/11	
	108-05-4	Vinyl Acetate	11	U	UG/KG		88.7/11	
	108-10-1	4-Methyl-2-pentanone	3	J	UG/KG		88.7/11	
	108-88-3	Toluene	2	J	UG/KG		88.7/11	
	108-90-7	Chlorobenzene	6	U	UG/KG		88.7/11	
	124-48-1	Dibromochloromethane	6	U	UG/KG		88.7/11	
	540-59-0	1,2-Dichloroethylene	6	U	UG/KG		88.7/11	
	591-78-6	2-Hexanone	11	U	UG/KG		88.7/11	
	1330-20-7	Total xylenes	6	U	UG/KG		88.7/11	
	10061-01-5	cis-1,3-Dichloropropene	6	U	UG/KG		88.7/11	
	10061-02-6	trans-1,3-Dichloropropene	6	U	UG/KG		88.7/11	
	127-18-4	Tetrachloroethene	5	J	UG/KG		88.7/11	
	100-42-5	Styrene	6	U	UG/KG		88.7/11	
	75-00-3	Chloroethane	11	U	UG/KG		88.7/11	
	75-01-4	Vinyl chloride	11	U	UG/KG		88.7/11	
	75-09-2	Methylene chloride	9	B	UG/KG		88.7/11	
	75-15-0	Carbon disulfide	6	U	UG/KG		88.7/11	
	75-25-2	Bromoform	6	U	UG/KG		88.7/11	
	75-27-4	Bromodichloromethane	6	U	UG/KG		88.7/11	
	75-34-3	1,1-Dichloroethane	6	U	UG/KG		88.7/11	
	67-66-3	Chloroform	3	J	UG/KG		88.7/11	
	71-43-2	Benzene	6	U	UG/KG		88.7/11	
	74-87-3	Chloromethane	11	U	UG/KG		88.7/11	
	74-83-9	Bromomethane	11	U	UG/KG		88.7/11	
	71-55-6	1,1,1-Trichloroethane	6	U	UG/KG		88.7/11	
	67-64-1	Acetone	220	B	UG/KG		88.7/11	
	57-12-5	Cyanide	.6	U	MG/KG	WW 037	88.7/11	

3 10 01149

APPENDIX A
ANALYTICAL RESULTS

SAMPLE NUMBER	PARAMETER CODE	COMPOUND/ANALYTE	RESULTS	QUALIFIER	UNITS	PRODUCT CODE	SAMPLE LOCATION	FLAG
	7439-92-1	Lead	13.9	G	MG/KG	AG 704	B8.3/7	TRG
	7782-49-2	Selenium	.4	UWN	MG/KG		B8.3/7	
	7440-38-2	Arsenic	3	UWN	MG/KG		B8.3/7	
	7440-28-0	Thallium	.3	UW	MG/KG		B8.3/7	
	ITO-003	% Solids	89.2		% SOLIDS	AP 706	B8.3/7	
	7440-66-6	Zinc	30.3		MG/KG		B8.3/7	
	7440-70-2	Calcium	1610		MG/KG		B8.3/7	
	7439-89-6	Iron	3300	*	MG/KG		B8.3/7	
	7440-41-7	Beryllium	.2	B	MG/KG		B8.3/7	
	7440-43-9	Cadmium	.6	U	MG/KG		B8.3/7	
	7440-47-3	Chromium	8	*	MG/KG		B8.3/7	
	7440-48-4	Cobalt	2	U	MG/KG		B8.3/7	
	7440-62-2	Vanadium	11		MG/KG		B8.3/7	
	7440-50-8	Copper	15		MG/KG		B8.3/7	
	7440-39-3	Barium	53		MG/KG		B8.3/7	
	7440-36-0	Antimony	3	UN	MG/KG		B8.3/7	
	7440-23-5	Sodium	266	B	MG/KG		B8.3/7	
	7440-22-4	Silver	.6	UN	MG/KG		B8.3/7	
	7440-09-7	Potassium	342	B	MG/KG		B8.3/7	
	7440-02-0	Nickel	2	U	MG/KG		B8.3/7	
	7439-96-5	Manganese	74.7	*	MG/KG		B8.3/7	
	7439-95-4	Magnesium	304	B	MG/KG		B8.3/7	
	7429-90-5	Aluminum	2580	*	MG/KG		B8.3/7	
	7439-97-6	Mercury	.17	N	MG/KG	AV 006	B8.3/7	
	50-29-3	4,4'-DDT	18	U	UG/KG	GC 723	B8.3/7	
	72-43-5	Methoxychlor	91	U	UG/KG		B8.3/7	
	72-54-8	4,4'-DDD	18	U	UG/KG		B8.3/7	
	72-55-9	4,4'-DDE	18	U	UG/KG		B8.3/7	
	11097-69-1	Aroclor-1254	180	U	UG/KG		B8.3/7	
	959-98-8	Endosulfan-I	9.1	U	UG/KG		B8.3/7	
	11104-28-2	Aroclor-1221	390	UZ	UG/KG		B8.3/7	
	11141-16-5	Aroclor-1232	170	UZ	UG/KG		B8.3/7	
	12672-29-6	Aroclor-1248	91	U	UG/KG		B8.3/7	
	12674-11-2	Aroclor-1016	91	U	UG/KG		B8.3/7	
	33213-65-9	Endosulfan II	19	UZ	UG/KG		B8.3/7	
	53494-70-5	Endrin ketone	18	U	UG/KG		B8.3/7	
	53469-21-9	Aroclor-1242	260		UG/KG		B8.3/7	
	319-86-8	delta-BHC	11	UZ	UG/KG		B8.3/7	
	1031-07-8	Endosulfan sulfate	18	U	UG/KG		B8.3/7	
	5103-71-9	alpha-Chlordane	91	U	UG/KG		B8.3/7	
	5103-74-2	gamma-Chlordane	91	U	UG/KG		B8.3/7	
	8001-35-2	Toxaphene	180	U	UG/KG		B8.3/7	
	11096-82-5	Aroclor-1260	180	U	UG/KG		B8.3/7	
	1024-57-3	Heptachlor epoxide	9.1	U	UG/KG		B8.3/7	
	319-85-7	beta-BHC	9.1	U	UG/KG		B8.3/7	
	76-44-8	Heptachlor	9.1	U	UG/KG		B8.3/7	
	319-84-6	alpha-BHC	9.1	U	UG/KG		B8.3/7	
	309-00-2	Aldrin	9.1	U	UG/KG		B8.3/7	
	ITO-001	% Moisture	12		% MOISTURE		B8.3/7	
	72-20-8	Endrin	18	U	UG/KG		B8.3/7	
	60-57-1	Dieldrin	18	U	UG/KG		B8.3/7	
	58-89-9	gamma-BHC (Lindane)	12	D	UG/KG		B8.3/7	

3 10 01150

APPENDIX A
ANALYTICAL RESULTS

SAMPLE NUMBER	PARAMETER CODE	COMPOUND/ANALYTE	RESULTS	QUALIFIER	UNITS	PRODUCT CODE	SAMPLE LOCATION	FLAG
	86-30-6	N-Nitrosodiphenylamine	750	U	UG/KG	ME 705	B8.3/7	TRG
	83-32-9	Acenaphthene	750	U	UG/KG		B8.3/7	
	78-59-1	Isophorone	750	U	UG/KG		B8.3/7	
	77-47-4	Hexachlorocyclopentadiene	750	U	UG/KG		B8.3/7	
	67-72-1	Hexachloroethane	750	U	UG/KG		B8.3/7	
	56-55-3	Benzo(a)anthracene	750	U	UG/KG		B8.3/7	
	59-50-7	4-Chloro-3-methylphenol	750	U	UG/KG		B8.3/7	
	65-85-0	Benzoic acid	1300	J	UG/KG		B8.3/7	
	53-70-3	Dibenzo(a,h)anthracene	750	U	UG/KG		B8.3/7	
	51-28-5	2,4-Dinitrophenol	3600	U	UG/KG		B8.3/7	
	56-23-5	Carbon Tetrachloride	6	U	UG/KG	MV 705	B8.3/7	
	75-01-4	Vinyl chloride	11	U	UG/KG		B8.3/7	
	75-09-2	Methylene chloride	20	B	UG/KG		B8.3/7	
	75-15-0	Carbon disulfide	6	U	UG/KG		B8.3/7	
	IT0-001	% Moisture	12		% MOISTURE		B8.3/7	
	75-25-2	Bromoform	6	U	UG/KG		B8.3/7	
	75-34-3	1,1-Dichloroethane	2	J	UG/KG		B8.3/7	
	100-41-4	Ethylbenzene	20		UG/KG		B8.3/7	
	100-42-5	Styrene	6	U	UG/KG		B8.3/7	
	75-35-4	1,1-Dichloroethene	6	U	UG/KG		B8.3/7	
	107-06-2	1,2-Dichloroethane	6	U	UG/KG		B8.3/7	
	108-05-4	Vinyl Acetate	11	U	UG/KG		B8.3/7	
	108-10-1	4-Methyl-2-pentanone	2	J	UG/KG		B8.3/7	
	108-88-3	Toluene	140		UG/KG		B8.3/7	
	108-90-7	Chlorobenzene	3	J	UG/KG		B8.3/7	
	127-18-4	Tetrachloroethene	940	D	UG/KG		B8.3/7	
	540-59-0	1,2-Dichloroethylene	6	U	UG/KG		B8.3/7	
	591-78-6	2-Hexanone	11	U	UG/KG		B8.3/7	
	1330-20-7	Total xylenes	79		UG/KG		B8.3/7	
	10061-01-5	cis-1,3-Dichloropropene	6	U	UG/KG		B8.3/7	
	10061-02-6	trans-1,3-Dichloropropene	6	U	UG/KG		B8.3/7	
	124-48-1	Dibromochloromethane	6	U	UG/KG		B8.3/7	
	78-87-5	1,2-Dichloropropane	6	U	UG/KG		B8.3/7	
	78-93-3	2-Butanone	25		UG/KG		B8.3/7	
	79-00-5	1,1,2-Trichloroethane	6	U	UG/KG		B8.3/7	
	79-01-6	Trichloroethene	8		UG/KG		B8.3/7	
	79-34-5	1,1,2,2-Tetrachloroethane	22		UG/KG		B8.3/7	
	75-27-4	Bromodichloromethane	6	U	UG/KG		B8.3/7	
	75-00-3	Chloroethane	11	U	UG/KG		B8.3/7	
	71-55-6	1,1,1-Trichloroethane	1	J	UG/KG		B8.3/7	
	74-83-9	Bromomethane	11	U	UG/KG		B8.3/7	
	74-87-3	Chloromethane	11	U	UG/KG		B8.3/7	
	67-66-3	Chloroform	160		UG/KG		B8.3/7	
	71-43-2	Benzene	3	J	UG/KG		B8.3/7	
	67-64-1	Acetone	110	B	UG/KG		B8.3/7	
	57-12-5	Cyanide	1.5		MG/KG	WW 037	B8.3/7	

3 10 01151

APPENDIX A
ANALYTICAL RESULTS

SAMPLE NUMBER	PARAMETER CODE	COMPOUND/ANALYTE	RESULTS	QUALIFIER	UNITS	PRODUCT CODE	SAMPLE LOCATION	FLAG
	7439-92-1	Lead	4.9	N	MG/KG	AG 704	B7,3/7	TRG
	7440-38-2	Arsenic	1	UWN	MG/KG		B7,3/7	
	7782-49-2	Selenium	.5	UWN	MG/KG		B7,3/7	
	7440-28-0	Thallium	.2	U	MG/KG		B7,3/7	
	IT0-003	% Solids	85.3		% SOLIDS	AP 706	B7,3/7	
	7440-09-7	Potassium	239	B	MG/KG		B7,3/7	
	7440-23-5	Sodium	57	B	MG/KG		B7,3/7	
	7440-39-3	Barium	30.5		MG/KG		B7,3/7	
	7440-43-9	Cadmium	.6	U	MG/KG		B7,3/7	
	7440-48-4	Cobalt	2	U	MG/KG		B7,3/7	
	7440-62-2	Vanadium	37	N	MG/KG		B7,3/7	
	7440-70-2	Calcium	566	B	MG/KG		B7,3/7	
	7440-66-6	Zinc	6.9	N	MG/KG		B7,3/7	
	7440-50-8	Copper	30		MG/KG		B7,3/7	
	7440-47-3	Chromium	14	N	MG/KG		B7,3/7	
	7440-41-7	Beryllium	.2	B	MG/KG		B7,3/7	
	7440-36-0	Antimony	4	UN	MG/KG		B7,3/7	
	7440-22-4	Silver	6	UN	MG/KG		B7,3/7	
	7440-02-0	Nickel	2	UN	MG/KG		B7,3/7	
	7439-89-6	Iron	22700	*	MG/KG		B7,3/7	
	7439-96-5	Manganese	24.9	N	MG/KG		B7,3/7	
	7439-95-4	Magnesium	228	B	MG/KG		B7,3/7	
	7429-90-5	Aluminum	16800	*	MG/KG		B7,3/7	
	7439-97-6	Mercury	.04		MG/KG	AV 006	B7,3/7	
	50-29-3	4,4'-DDT	37	U	UG/KG	GC 723	B7,3/7	
	53469-21-9	Aroclor-1242	190	U	UG/KG		B7,3/7	
	53494-70-5	Endrin ketone	37	U	UG/KG		B7,3/7	
	33213-65-9	Endosulfan II	37	U	UG/KG		B7,3/7	
	309-00-2	Aldrin	19	U	UG/KG		B7,3/7	
	319-84-6	alpha-BHC	19	U	UG/KG		B7,3/7	
	319-86-8	delta-BHC	19	U	UG/KG		B7,3/7	
	959-98-8	Endosulfan-I	19	U	UG/KG		B7,3/7	
	1024-57-3	Heptachlor epoxide	19	U	UG/KG		B7,3/7	
	5103-71-9	alpha-Chlordane	190	U	UG/KG		B7,3/7	
	5103-74-2	gamma-Chlordane	190	U	UG/KG		B7,3/7	
	8001-35-2	Toxaphene	370	U	UG/KG		B7,3/7	
	11097-69-1	Aroclor-1254	370	U	UG/KG		B7,3/7	
	11104-28-2	Aroclor-1221	190	U	UG/KG		B7,3/7	
	11141-16-5	Aroclor-1232	190	U	UG/KG		B7,3/7	
	12674-11-2	Aroclor-1016	190	U	UG/KG		B7,3/7	
	12672-29-6	Aroclor-1248	190	U	UG/KG		B7,3/7	
	11096-82-5	Aroclor-1260	370	U	UG/KG		B7,3/7	
	1031-07-8	Endosulfan sulfate	37	U	UG/KG		B7,3/7	
	319-85-7	beta-BHC	19	U	UG/KG		B7,3/7	
	72-43-5	Methoxychlor	190	U	UG/KG		B7,3/7	
	72-54-8	4,4'-DDD	37	U	UG/KG		B7,3/7	
	72-55-9	4,4'-DDE	37	U	UG/KG		B7,3/7	
	IT0-001	% Moisture	15		% MOISTURE		B7,3/7	
	76-44-8	Heptachlor	19	U	UG/KG		B7,3/7	
	60-57-1	Dieldrin	37	U	UG/KG		B7,3/7	
	72-20-8	Endrin	37	U	UG/KG		B7,3/7	
	58-89-9	gamma-BHC (Lindane)	19	U	UG/KG		B7,3/7	

3 10 01152

APPENDIX A
ANALYTICAL RESULTS

SAMPLE NUMB	PARAMETER CODE	COMPOUND/ANALYTE	RESULTS	QUALIFIER	UNITS	PRODUCT CODE	SAMPLE LOCATION	FLAG
	50-32-8	Benzo(a)pyrene	390	U	UG/KG	ME 705	B7.3/7	TRG
	132-64-9	Dibenzofuran	390	U	UG/KG		B7.3/7	
	193-39-5	Indeno(1,2,3-cd)pyrene	390	U	UG/KG		B7.3/7	
	206-44-0	Fluoranthene	390	U	UG/KG		B7.3/7	
	208-96-8	Acenaphthylene	390	U	UG/KG		B7.3/7	
	534-52-1	4,6-Dinitro-2-methylphenol	1900	U	UG/KG		B7.3/7	
	606-20-2	2,6-Dinitrotoluene	390	U	UG/KG		B7.3/7	
	7005-72-3	4-Chlorophenylphenyl ether	390	U	UG/KG		B7.3/7	
	621-64-7	N-Nitroso-di-n-propylamine	390	U	UG/KG		B7.3/7	
	541-73-1	1,3-Dichlorobenzene	390	U	UG/KG		B7.3/7	
	218-01-9	Chrysene	390	U	UG/KG		B7.3/7	
	207-08-9	Benzo(k)fluoranthene	390	U	UG/KG		B7.3/7	
	205-99-2	Benzo(b)fluoranthene	390	U	UG/KG		B7.3/7	
	191-24-2	Benzo(g,h,i)perylene	390	U	UG/KG		B7.3/7	
	88-06-2	2,4,6-Trichlorophenol	390	U	UG/KG		B7.3/7	
	88-75-5	2-Nitrophenol	390	U	UG/KG		B7.3/7	
	91-20-3	Naphthalene	390	U	UG/KG		B7.3/7	
	91-57-6	2-Methylnaphthalene	390	U	UG/KG		B7.3/7	
	91-94-1	3,3'-Dichlorobenzidine	770	U	UG/KG		B7.3/7	
	95-48-7	2-Methylphenol	390	U	UG/KG		B7.3/7	
	95-50-1	1,2-Dichlorobenzene	390	U	UG/KG		B7.3/7	
	95-95-4	2,4,5-Trichlorophenol	1900	U	UG/KG		B7.3/7	
	98-95-3	Nitrobenzene	390	U	UG/KG		B7.3/7	
	99-09-2	3-Nitroaniline	1900	U	UG/KG		B7.3/7	
	100-01-6	4-Nitroaniline	1900	U	UG/KG		B7.3/7	
	100-02-7	4-Nitrophenol	1900	U	UG/KG		B7.3/7	
	100-51-6	Benzyl alcohol	390	U	UG/KG		B7.3/7	
	105-67-9	2,4-Dimethylphenol	390	U	UG/KG		B7.3/7	
	106-44-5	4-Methylphenol	390	U	UG/KG		B7.3/7	
	106-46-7	1,4-Dichlorobenzene	390	U	UG/KG		B7.3/7	
	108-60-1	bis(2-Chloroisopropyl)ether	390	U	UG/KG		B7.3/7	
	108-95-2	Phenol	390	U	UG/KG		B7.3/7	
	111-44-4	bis(2-Chloroethyl)ether	390	U	UG/KG		B7.3/7	
	117-81-7	bis(2-Ethylhexyl) phthalate	790	B	UG/KG		B7.3/7	
	117-84-0	Di-n-octyl phthalate	390	U	UG/KG		B7.3/7	
	118-74-1	Hexachlorobenzene	390	U	UG/KG		B7.3/7	
	120-82-1	1,2,4-Trichlorobenzene	390	U	UG/KG		B7.3/7	
	120-83-2	2,4-Dichlorophenol	390	U	UG/KG		B7.3/7	
	121-14-2	2,4-Dinitrotoluene	390	U	UG/KG		B7.3/7	
	131-11-3	Dimethyl phthalate	390	U	UG/KG		B7.3/7	
	129-00-0	Pyrene	390	U	UG/KG		B7.3/7	
	120-12-7	Anthracene	390	U	UG/KG		B7.3/7	
	111-91-1	bis(2-Chloroethoxy)methane	390	U	UG/KG		B7.3/7	
	106-47-8	4-Chloroaniline	390	U	UG/KG		B7.3/7	
	101-55-3	4-Bromophenyl phenyl ether	390	U	UG/KG		B7.3/7	
	ITO-001	% Moisture	15		% MOISTURE		B7.3/7	
	95-57-8	2-Chlorophenol	390	U	UG/KG		B7.3/7	
	91-58-7	2-Chloronaphthalene	390	U	UG/KG		B7.3/7	
	88-74-4	2-Nitroaniline	1900	U	UG/KG		B7.3/7	
	78-59-1	Isophorone	390	U	UG/KG		B7.3/7	
	83-32-9	Acenaphthene	390	U	UG/KG		B7.3/7	
	84-66-2	Diethyl phthalate	390	U	UG/KG		B7.3/7	
	85-01-8	Phenanthrene	390	U	UG/KG		B7.3/7	
	85-68-7	Butyl benzyl phthalate	390	U	UG/KG		B7.3/7	
	86-30-6	N-Nitrosodiphenylamine	390	U	UG/KG		B7.3/7	
	86-73-7	Fluorene	390	U	UG/KG		B7.3/7	

3 10 01153

APPENDIX A
ANALYTICAL RESULTS

SAMPLE NUM	PARAMETER CODE	COMPOUND/ANALYTE	RESULTS	QUALIFIER	UNITS	PRODUCT CODE	SAMPLE LOCATION	FLAG
	87-68-3	Hexachlorobutadiene	390	U	UG/KG	ME 705	B7,3/7	TRG
	87-86-5	Pentachlorophenol	1900	U	UG/KG		B7,3/7	
	84-74-2	Di-n-butyl phthalate	390	U	UG/KG		B7,3/7	
	59-50-7	4-Chloro-3-methylphenol	390	U	UG/KG		B7,3/7	
	65-85-0	Benzoic acid	320	J	UG/KG		B7,3/7	
	67-72-1	Hexachloroethane	390	U	UG/KG		B7,3/7	
	77-47-4	Hexachlorocyclopentadiene	390	U	UG/KG		B7,3/7	
	53-70-3	Dibenzo(a,h)anthracene	390	U	UG/KG		B7,3/7	
	56-55-3	Benzo(a)anthracene	390	U	UG/KG		B7,3/7	
	51-28-5	2,4-Dinitrophenol	1900	U	UG/KG		B7,3/7	
	56-23-5	Carbon Tetrachloride	6	U	UG/KG	MV 705	B7,3/7	
	75-35-4	1,1-Dichloroethene	6	U	UG/KG		B7,3/7	
	78-87-5	1,2-Dichloropropane	6	U	UG/KG		B7,3/7	
	78-93-3	2-Butanone	140		UG/KG		B7,3/7	
	79-00-5	1,1,2-Trichloroethane	6	U	UG/KG		B7,3/7	
	79-01-6	Trichloroethene	6	U	UG/KG		B7,3/7	
	79-34-5	1,1,2,2-Tetrachloroethane	6	U	UG/KG		B7,3/7	
	IT0-001	% Moisture	15		% MOISTURE		B7,3/7	
	100-41-4	Ethylbenzene	2	J	UG/KG		B7,3/7	
	107-06-2	1,2-Dichloroethane	6	U	UG/KG		B7,3/7	
	108-05-4	Vinyl Acetate	12	U	UG/KG		B7,3/7	
	108-10-1	4-Methyl-2-pentanone	2	J	UG/KG		B7,3/7	
	108-88-3	Toluene	2	J	UG/KG		B7,3/7	
	108-90-7	Chlorobenzene	6	U	UG/KG		B7,3/7	
	124-48-1	Dibromochloromethane	6	U	UG/KG		B7,3/7	
	540-59-0	1,2-Dichloroethylene	6	U	UG/KG		B7,3/7	
	591-78-6	2-Hexanone	12	U	UG/KG		B7,3/7	
	1330-20-7	Total xylenes	15		UG/KG		B7,3/7	
	10061-01-5	cis-1,3-Dichloropropene	6	U	UG/KG		B7,3/7	
	10061-02-6	trans-1,3-Dichloropropene	6	U	UG/KG		B7,3/7	
	127-18-4	Tetrachloroethene	2	J	UG/KG		B7,3/7	
	100-42-5	Styrene	6	U	UG/KG		B7,3/7	
	75-00-3	Chloroethane	12	U	UG/KG		B7,3/7	
	75-01-4	Vinyl chloride	12	U	UG/KG		B7,3/7	
	75-09-2	Methylene chloride	8	B	UG/KG		B7,3/7	
	75-15-0	Carbon disulfide	6	U	UG/KG		B7,3/7	
	75-25-2	Bromoform	6	U	UG/KG		B7,3/7	
	75-27-4	Bromodichloromethane	6	U	UG/KG		B7,3/7	
	75-34-3	1,1-Dichloroethane	6	U	UG/KG		B7,3/7	
	67-66-3	Chloroform	2	J	UG/KG		B7,3/7	
	71-43-2	Benzene	6	U	UG/KG		B7,3/7	
	74-87-3	Chloromethane	12	U	UG/KG		B7,3/7	
	74-83-9	Bromomethane	12	U	UG/KG		B7,3/7	
	71-55-6	1,1,1-Trichloroethane	6	U	UG/KG		B7,3/7	
	67-64-1	Acetone	5400	DE	UG/KG		B7,3/7	
	57-12-5	Cyanide	.6	U	MG/KG	WW 037	B7,3/7	

3 10 01154

APPENDIX A
ANALYTICAL RESULTS

SAMPLE NUMB	PARAMETER CODE	COMPOUND/ANALYTE	RESULTS	QUALIFIER	UNITS	PRODUCT CODE	SAMPLE LOCATION	FLAG
	7439-92-1	Lead	6.1	N	MG/KG	AG 704	B7,3/7	TRG
	7782-49-2	Selenium	.6	UWN	MG/KG		B7,3/7	
	7440-38-2	Arsenic	.4	UWN	MG/KG		B7,3/7	
	7440-28-0	Thallium	.2	U	MG/KG		B7,3/7	
	ITO-003	% Solids	84.5		% SOLIDS	AP 706	B7,3/7	
	7440-66-6	Zinc	5	N	MG/KG		B7,3/7	
	7440-70-2	Calcium	582	B	MG/KG		B7,3/7	
	7439-89-6	Iron	22700	*	MG/KG		B7,3/7	
	7440-41-7	Beryllium	.3	B	MG/KG		B7,3/7	
	7440-43-9	Cadmium	.6	U	MG/KG		B7,3/7	
	7440-47-3	Chromium	15	N	MG/KG		B7,3/7	
	7440-48-4	Cobalt	2	U	MG/KG		B7,3/7	
	7440-62-2	Vanadium	42	N	MG/KG		B7,3/7	
	7440-50-8	Copper	29		MG/KG		B7,3/7	
	7440-39-3	Barium	62.9		MG/KG		B7,3/7	
	7440-36-0	Antimony	4	UN	MG/KG		B7,3/7	
	7440-23-5	Sodium	42	B	MG/KG		B7,3/7	
	7440-22-4	Silver	.6	UN	MG/KG		B7,3/7	
	7440-09-7	Potassium	266	B	MG/KG		B7,3/7	
	7440-02-0	Nickel	2	UN	MG/KG		B7,3/7	
	7439-96-5	Manganese	48.8	N	MG/KG		B7,3/7	
	7439-95-4	Magnesium	166	B	MG/KG		B7,3/7	
	7429-90-5	Aluminum	11000	*	MG/KG		B7,3/7	
	7439-97-6	Mercury	.04		MG/KG	AV 006	B7,3/7	
	50-29-3	4,4'-DDT	37	U	UG/KG	GC 723	B7,3/7	
	72-43-5	Methoxychlor	190	U	UG/KG		B7,3/7	
	72-54-8	4,4'-DDD	37	U	UG/KG		B7,3/7	
	72-55-9	4,4'-DDE	37	U	UG/KG		B7,3/7	
	11104-28-2	Aroclor-1221	190	U	UG/KG		B7,3/7	
	959-98-8	Endosulfan-I	19	U	UG/KG		B7,3/7	
	319-86-8	delta-BHC	19	U	UG/KG		B7,3/7	
	11141-16-5	Aroclor-1232	190	U	UG/KG		B7,3/7	
	12672-29-6	Aroclor-1248	190	U	UG/KG		B7,3/7	
	12674-11-2	Aroclor-1016	190	U	UG/KG		B7,3/7	
	33213-65-9	Endosulfan II	37	U	UG/KG		B7,3/7	
	53469-21-9	Aroclor-1242	190	U	UG/KG		B7,3/7	
	53494-70-5	Endrin ketone	37	U	UG/KG		B7,3/7	
	319-85-7	beta-BHC	19	U	UG/KG		B7,3/7	
	5103-71-9	alpha-Chlordane	190	U	UG/KG		B7,3/7	
	5103-74-2	gamma-Chlordane	190	U	UG/KG		B7,3/7	
	8001-35-2	Toxaphene	370	U	UG/KG		B7,3/7	
	11096-82-5	Aroclor-1260	370	U	UG/KG		B7,3/7	
	11097-69-1	Aroclor-1254	370	U	UG/KG		B7,3/7	
	1031-07-8	Endosulfan sulfate	37	U	UG/KG		B7,3/7	
	1024-57-3	Heptachlor epoxide	19	U	UG/KG		B7,3/7	
	76-44-8	Heptachlor	19	U	UG/KG		B7,3/7	
	319-84-6	alpha-BHC	19	U	UG/KG		B7,3/7	
	309-00-2	Aldrin	19	U	UG/KG		B7,3/7	
	ITO-001	% Moisture	15		% MOISTURE		B7,3/7	
	72-20-8	Endrin	37	U	UG/KG		B7,3/7	
	60-57-1	Dieldrin	37	U	UG/KG		B7,3/7	
	58-89-9	gamma-BHC (Lindane)	19	U	UG/KG		B7,3/7	

3 10 01155

APPENDIX A
ANALYTICAL RESULTS

SAMPLE NUMB	PARAMETER CODE	COMPOUND/ANALYTE	RESULTS	QUALIFIER	UNITS	PRODUCT CODE	SAMPLE LOCATION	FLAG
J1.	50-32-8	Benzo(a)pyrene	390	U	UG/KG	ME 705	B7,3/7	TRG
	108-95-2	Phenol	99	J	UG/KG		B7,3/7	
	111-44-4	bis(2-Chloroethyl)ether	390	U	UG/KG		B7,3/7	
	84-66-2	Diethyl phthalate	390	U	UG/KG		B7,3/7	
	111-91-1	bis(2-Chloroethoxy)methane	390	U	UG/KG		B7,3/7	
	84-74-2	Di-n-butyl phthalate	390	U	UG/KG		B7,3/7	
	85-01-8	Phenanthrene	390	U	UG/KG		B7,3/7	
	91-20-3	Naphthalene	390	U	UG/KG		B7,3/7	
	117-81-7	bis(2-Ethylhexyl) phthalate	740	B	UG/KG		B7,3/7	
	117-84-0	Di-n-octyl phthalate	390	U	UG/KG		B7,3/7	
	118-74-1	Hexachlorobenzene	390	U	UG/KG		B7,3/7	
	120-82-1	1,2,4-Trichlorobenzene	390	U	UG/KG		B7,3/7	
	120-83-2	2,4-Dichlorophenol	390	U	UG/KG		B7,3/7	
	129-00-0	Pyrene	390	U	UG/KG		B7,3/7	
	131-11-3	Dimethyl phthalate	390	U	UG/KG		B7,3/7	
	132-64-9	Dibenzofuran	390	U	UG/KG		B7,3/7	
	193-39-5	Indeno(1,2,3-cd)pyrene	390	U	UG/KG		B7,3/7	
	205-99-2	Benzo(b)fluoranthene	390	U	UG/KG		B7,3/7	
	206-44-0	Fluoranthene	390	U	UG/KG		B7,3/7	
	208-96-8	Acenaphthylene	390	U	UG/KG		B7,3/7	
	218-01-9	Chrysene	390	U	UG/KG		B7,3/7	
	534-52-1	4,6-Dinitro-2-methylphenol	1900	U	UG/KG		B7,3/7	
	207-08-9	Benzo(k)fluoranthene	390	U	UG/KG		B7,3/7	
	191-24-2	Benzo(g,h,i)perylene	390	U	UG/KG		B7,3/7	
	541-73-1	1,3-Dichlorobenzene	390	U	UG/KG		B7,3/7	
	606-20-2	2,6-Dinitrotoluene	390	U	UG/KG		B7,3/7	
	621-64-7	N-Nitroso-di-n-propylamine	390	U	UG/KG		B7,3/7	
	7005-72-3	4-Chlorophenylphenyl ether	390	U	UG/KG		B7,3/7	
	121-14-2	2,4-Dinitrotoluene	390	U	UG/KG		B7,3/7	
	120-12-7	Anthracene	390	U	UG/KG		B7,3/7	
	91-57-6	2-Methylnaphthalene	390	U	UG/KG		B7,3/7	
	91-58-7	2-Chloronaphthalene	390	U	UG/KG		B7,3/7	
	95-50-1	1,2-Dichlorobenzene	390	U	UG/KG		B7,3/7	
	95-48-7	2-Methylphenol	390	U	UG/KG		B7,3/7	
	91-94-1	3,3'-Dichlorobenzidine	770	U	UG/KG		B7,3/7	
	95-57-8	2-Chlorophenol	390	U	UG/KG		B7,3/7	
	95-95-4	2,4,5-Trichlorophenol	1900	U	UG/KG		B7,3/7	
	98-95-3	Nitrobenzene	390	U	UG/KG		B7,3/7	
	99-09-2	3-Nitroaniline	1900	U	UG/KG		B7,3/7	
	IT0-001	% Moisture	15		% MOISTURE		B7,3/7	
	100-01-6	4-Nitroaniline	1900	U	UG/KG		B7,3/7	
	105-67-9	2,4-Dimethylphenol	390	U	UG/KG		B7,3/7	
	106-44-5	4-Methylphenol	390	U	UG/KG		B7,3/7	
	106-46-7	1,4-Dichlorobenzene	390	U	UG/KG		B7,3/7	
	106-47-8	4-Chloroaniline	390	U	UG/KG		B7,3/7	
	108-60-1	bis(2-Chloroisopropyl)ether	390	U	UG/KG		B7,3/7	
	101-55-3	4-Bromophenyl phenyl ether	390	U	UG/KG		B7,3/7	
	100-51-6	Benzyl alcohol	390	U	UG/KG		B7,3/7	
	100-02-7	4-Nitrophenol	1900	U	UG/KG		B7,3/7	
	85-68-7	Butyl benzyl phthalate	390	U	UG/KG		B7,3/7	
	86-30-6	N-Nitrosodiphenylamine	390	U	UG/KG		B7,3/7	
	86-73-7	Fluorene	390	U	UG/KG		B7,3/7	
	87-68-3	Hexachlorobutadiene	390	U	UG/KG		B7,3/7	
	87-86-5	Pentachlorophenol	1900	U	UG/KG		B7,3/7	
	88-06-2	2,4,6-Trichlorophenol	390	U	UG/KG		B7,3/7	
	88-75-5	2-Nitrophenol	390	U	UG/KG		B7,3/7	

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APPENDIX 6
ANALYTICAL RESULTS

SAMPLE NUM	PARAMETER CODE	COMPOUND/ANALYTE	RESULTS	QUALIFIER	UNITS	PRODUCT CODE	SAMPLE LOCATION	FLAG
[redacted]	88-74-4	2-Nitroaniline	1900	U	UG/KG	ME 705	B7,3/7	TRG
	83-32-9	Acenaphthene	390	U	UG/KG		B7,3/7	
	78-59-1	Isophorone	390	U	UG/KG		B7,3/7	
	77-47-4	Hexachlorocyclopentadiene	390	U	UG/KG		B7,3/7	
	67-72-1	Hexachloroethane	390	U	UG/KG		B7,3/7	
	56-55-3	Benzo(a)anthracene	390	U	UG/KG		B7,3/7	
	59-50-7	4-Chloro-3-methylphenol	390	U	UG/KG		B7,3/7	
	65-85-0	Benzoic acid	290	J	UG/KG		B7,3/7	
	53-70-3	Dibenzo(a,h)anthracene	390	U	UG/KG		B7,3/7	
	51-28-5	2,4-Dinitrophenol	1900	U	UG/KG		B7,3/7	
	56-23-5	Carbon Tetrachloride	29	U	UG/KG	MV 705	B7,3/7	
	75-15-0	Carbon disulfide	29	U	UG/KG		B7,3/7	
	75-25-2	Bromoform	29	U	UG/KG		B7,3/7	
	100-41-4	Ethylbenzene	29	U	UG/KG		B7,3/7	
	100-42-5	Styrene	29	U	UG/KG		B7,3/7	
	107-06-2	1,2-Dichloroethane	29	U	UG/KG		B7,3/7	
	108-05-4	Vinyl Acetate	59	U	UG/KG		B7,3/7	
	108-88-3	Toluene	29	U	UG/KG		B7,3/7	
	108-10-1	4-Methyl-2-pentanone	59	U	UG/KG		B7,3/7	
	108-90-7	Chlorobenzene	29	U	UG/KG		B7,3/7	
	124-48-1	Dibromochloromethane	29	U	UG/KG		B7,3/7	
	127-18-4	Tetrachloroethene	29	U	UG/KG		B7,3/7	
	540-59-0	1,2-Dichloroethylene	29	U	UG/KG		B7,3/7	
	591-78-6	2-Hexanone	59	U	UG/KG		B7,3/7	
	1330-20-7	Total xylenes	29	U	UG/KG		B7,3/7	
	10061-01-5	cis-1,3-Dichloropropene	29	U	UG/KG		B7,3/7	
	10061-02-6	trans-1,3-Dichloropropene	29	U	UG/KG		B7,3/7	
	75-27-4	Bromodichloromethane	29	U	UG/KG		B7,3/7	
	75-34-3	1,1-Dichloroethane	29	U	UG/KG		B7,3/7	
	78-87-5	1,2-Dichloropropane	29	U	UG/KG		B7,3/7	
	78-93-3	2-Butanone	120		UG/KG		B7,3/7	
	79-00-5	1,1,2-Trichloroethane	29	U	UG/KG		B7,3/7	
	79-01-6	Trichloroethene	29	U	UG/KG		B7,3/7	
	79-34-5	1,1,2,2-Tetrachloroethane	29	U	UG/KG		B7,3/7	
	IT0-001	% Moisture	15		% MOISTURE		B7,3/7	
	75-35-4	1,1-Dichloroethene	29	U	UG/KG		B7,3/7	
	75-09-2	Methylene chloride	36	B	UG/KG		B7,3/7	
	75-01-4	Vinyl chloride	59	U	UG/KG		B7,3/7	
	75-00-3	Chloroethane	59	U	UG/KG		B7,3/7	
	74-87-3	Chloromethane	59	U	UG/KG		B7,3/7	
	71-43-2	Benzene	29	U	UG/KG		B7,3/7	
	71-55-6	1,1,1-Trichloroethane	29	U	UG/KG		B7,3/7	
	74-83-9	Bromomethane	59	U	UG/KG		B7,3/7	
	67-66-3	Chloroform	29	U	UG/KG		B7,3/7	
	67-64-1	Acetone	2000	D	UG/KG		B7,3/7	
	57-12-5	Cyanide	.6	U	MG/KG	WW 037	B7,3/7	

3 10 01157

APPENDIX A
ANALYTICAL RESULTS

SAMPLE NUMB	PARAMETER CODE	COMPOUND/ANALYTE	RESULTS	QUALIFIER	UNITS	PRODUCT CODE	SAMPLE LOCATION	FLAG
	7439-92-1	Lead	5.3	N	MG/KG	AG 704	B7,7/11	TRG
	7440-38-2	Arsenic	.7	UWN	MG/KG		B7,7/11	
	7782-49-2	Selenium	4	UWN	MG/KG		B7,7/11	
	7440-28-0	Thallium	.2	U	MG/KG		B7,7/11	
	ITO-003	% Solids	84.7		% SOLIDS	AP 706	B7,7/11	
	7439-89-6	Iron	7460	*	MG/KG		B7,7/11	
	7439-95-4	Magnesium	177	B	MG/KG		B7,7/11	
	7439-96-5	Manganese	7.2	N	MG/KG		B7,7/11	
	7440-41-7	Beryllium	.2	B	MG/KG		B7,7/11	
	7440-43-9	Cadmium	.6	U	MG/KG		B7,7/11	
	7440-47-3	Chromium	8	N	MG/KG		B7,7/11	
	7440-50-8	Copper	26		MG/KG		B7,7/11	
	7440-62-2	Vanadium	16	N	MG/KG		B7,7/11	
	7440-66-6	Zinc	4.6	N	MG/KG		B7,7/11	
	7440-70-2	Calcium	172	B	MG/KG		B7,7/11	
	7440-48-4	Cobalt	2	U	MG/KG		B7,7/11	
	7440-39-3	Barium	29.7		MG/KG		B7,7/11	
	7440-09-7	Potassium	172	B	MG/KG		B7,7/11	
	7440-36-0	Antimony	4	UN	MG/KG		B7,7/11	
	7440-23-5	Sodium	34	B	MG/KG		B7,7/11	
	7440-22-4	Silver	.6	UN	MG/KG		B7,7/11	
	7440-02-0	Nickel	3	BN	MG/KG		B7,7/11	
	7429-90-5	Aluminum	15100	*	MG/KG		B7,7/11	
	7439-97-6	Mercury	.06		MG/KG	AV 006	B7,7/11	
	50-29-3	4,4'-DDT	19	U	UG/KG	GC 723	B7,7/11	
	72-55-9	4,4'-DDE	19	U	UG/KG		B7,7/11	
	11097-69-1	Aroclor-1254	190	U	UG/KG		B7,7/11	
	11104-28-2	Aroclor-1221	94	U	UG/KG		B7,7/11	
	11141-16-5	Aroclor-1232	94	U	UG/KG		B7,7/11	
	12672-29-6	Aroclor-1248	94	U	UG/KG		B7,7/11	
	33213-65-9	Endosulfan II	19	U	UG/KG		B7,7/11	
	53469-21-9	Aroclor-1242	94	U	UG/KG		B7,7/11	
	53494-70-5	Endrin ketone	19	U	UG/KG		B7,7/11	
	12674-11-2	Aroclor-1016	94	U	UG/KG		B7,7/11	
	76-44-8	Heptachlor	9.4	U	UG/KG		B7,7/11	
	ITO-001	% Moisture	16		% MOISTURE		B7,7/11	
	309-00-2	Aldrin	9.4	U	UG/KG		B7,7/11	
	1024-57-3	Heptachlor epoxide	9.4	U	UG/KG		B7,7/11	
	1031-07-8	Endosulfan sulfate	19	U	UG/KG		B7,7/11	
	5103-71-9	alpha-Chlordane	94	U	UG/KG		B7,7/11	
	5103-74-2	gamma-Chlordane	94	U	UG/KG		B7,7/11	
	8001-35-2	Toxaphene	190	U	UG/KG		B7,7/11	
	11096-82-5	Aroclor-1260	190	U	UG/KG		B7,7/11	
	959-98-8	Endosulfan-I	9.4	U	UG/KG		B7,7/11	
	319-86-8	delta-BHC	9.4	U	UG/KG		B7,7/11	
	319-84-6	alpha-BHC	9.4	U	UG/KG		B7,7/11	
	319-85-7	beta-BHC	9.4	U	UG/KG		B7,7/11	
	72-20-8	Endrin	19	U	UG/KG		B7,7/11	
	72-43-5	Methoxychlor	94	U	UG/KG		B7,7/11	
	72-54-8	4,4'-DDD	19	U	UG/KG		B7,7/11	
	60-57-1	Dieldrin	19	U	UG/KG		B7,7/11	
	58-89-9	gamma-BHC (Lindane)	9.4	U	UG/KG		B7,7/11	

3 10 01158

APPENDIX A
ANALYTICAL RESULTS

SAMPLE NUM	PARAMETER CODE	COMPOUND/ANALYTE	RESULTS	QUALIFIER	UNITS	PRODUCT CODE	SAMPLE LOCATION	FLAG
	50-32-8	Benzo(a)pyrene	390	U	UG/KG	ME 705	B7.7/11	TRG
	56-55-3	Benzo(a)anthracene	390	U	UG/KG		B7.7/11	
	111-91-1	bis(2-Chloroethoxy)methane	390	U	UG/KG		B7.7/11	
	117-81-7	bis(2-Ethylhexyl) phthalate	910	B	UG/KG		B7.7/11	
	117-84-0	Di-n-octyl phthalate	390	U	UG/KG		B7.7/11	
	83-32-9	Acenaphthene	390	U	UG/KG		B7.7/11	
	88-74-4	2-Nitroaniline	1900	U	UG/KG		B7.7/11	
	118-74-1	Hexachlorobenzene	390	U	UG/KG		B7.7/11	
	120-12-7	Anthracene	390	U	UG/KG		B7.7/11	
	88-75-5	2-Nitrophenol	390	U	UG/KG		B7.7/11	
	91-20-3	Naphthalene	390	U	UG/KG		B7.7/11	
	91-57-6	2-Methylnaphthalene	390	U	UG/KG		B7.7/11	
	91-58-7	2-Chloronaphthalene	390	U	UG/KG		B7.7/11	
	91-94-1	3,3'-Dichlorobenzidine	780	U	UG/KG		B7.7/11	
	95-48-7	2-Methylphenol	390	U	UG/KG		B7.7/11	
	95-57-8	2-Chlorophenol	390	U	UG/KG		B7.7/11	
	95-95-4	2,4,5-Trichlorophenol	1900	U	UG/KG		B7.7/11	
	98-95-3	Nitrobenzene	390	U	UG/KG		B7.7/11	
	120-82-1	1,2,4-Trichlorobenzene	390	U	UG/KG		B7.7/11	
	120-83-2	2,4-Dichlorophenol	390	U	UG/KG		B7.7/11	
	129-00-0	Pyrene	390	U	UG/KG		B7.7/11	
	131-11-3	Dimethyl phthalate	390	U	UG/KG		B7.7/11	
	191-24-2	Benzo(g,h,i)perylene	390	U	UG/KG		B7.7/11	
	193-39-5	Indeno(1,2,3-cd)pyrene	390	U	UG/KG		B7.7/11	
	206-44-0	Fluoranthene	390	U	UG/KG		B7.7/11	
	207-08-9	Benzo(k)fluoranthene	390	U	UG/KG		B7.7/11	
	208-96-8	Acenaphthylene	390	U	UG/KG		B7.7/11	
	534-52-1	4,6-Dinitro-2-methylphenol	1900	U	UG/KG		B7.7/11	
	218-01-9	Chrysene	390	U	UG/KG		B7.7/11	
	541-73-1	1,3-Dichlorobenzene	390	U	UG/KG		B7.7/11	
	606-20-2	2,6-Dinitrotoluene	390	U	UG/KG		B7.7/11	
	621-64-7	N-Nitroso-di-n-propylamine	390	U	UG/KG		B7.7/11	
	7005-72-3	4-Chlorophenylphenyl ether	390	U	UG/KG		B7.7/11	
	205-99-2	Benzo(b)fluoranthene	390	U	UG/KG		B7.7/11	
	132-64-9	Dibenzofuran	390	U	UG/KG		B7.7/11	
	121-14-2	2,4-Dinitrotoluene	390	U	UG/KG		B7.7/11	
	99-09-2	3-Nitroaniline	1900	U	UG/KG		B7.7/11	
	IT0-001	% Moisture	16		% MOISTURE		B7.7/11	
	100-01-6	4-Nitroaniline	1900	U	UG/KG		B7.7/11	
	100-02-7	4-Nitrophenol	1900	U	UG/KG		B7.7/11	
	100-51-6	Benzyl alcohol	390	U	UG/KG		B7.7/11	
	101-55-3	4-Bromophenyl phenyl ether	390	U	UG/KG		B7.7/11	
	106-44-5	4-Methylphenol	390	U	UG/KG		B7.7/11	
	106-46-7	1,4-Dichlorobenzene	390	U	UG/KG		B7.7/11	
	106-47-8	4-Chloroaniline	390	U	UG/KG		B7.7/11	
	108-60-1	bis(2-Chloroisopropyl)ether	390	U	UG/KG		B7.7/11	
	108-95-2	Phenol	63	J	UG/KG		B7.7/11	
	111-44-4	bis(2-Chloroethyl)ether	390	U	UG/KG		B7.7/11	
	105-67-9	2,4-Dimethylphenol	390	U	UG/KG		B7.7/11	
	95-50-1	1,2-Dichlorobenzene	390	U	UG/KG		B7.7/11	
	84-66-2	Diethyl phthalate	390	U	UG/KG		B7.7/11	
	84-74-2	Di-n-butyl phthalate	390	U	UG/KG		B7.7/11	
	85-01-8	Phenanthrene	390	U	UG/KG		B7.7/11	
	85-68-7	Butyl benzyl phthalate	390	U	UG/KG		B7.7/11	
	86-30-6	N-Nitrosodiphenylamine	390	U	UG/KG		B7.7/11	
	86-73-7	Fluorene	390	U	UG/KG		B7.7/11	

3 10 01159

APPENDIX A
ANALYTICAL RESULTS

SAMPLE NUMB	PARAMETER CODE	COMPOUND/ANALYTE	RESULTS	QUALIFIER	UNITS	PRODUCT CODE	SAMPLE LOCATION	FLAG
	87-68-3	Hexachlorobutadiene	390	U	UG/KG	ME 705	B7,7/11	TRG
	88-06-2	2,4,6-Trichlorophenol	390	U	UG/KG		B7,7/11	
	87-86-5	Pentachlorophenol	1900	U	UG/KG		B7,7/11	
	59-50-7	4-Chloro-3-methylphenol	390	U	UG/KG		B7,7/11	
	65-85-0	Benzoic acid	5400		UG/KG		B7,7/11	
	78-59-1	Isophorone	390	U	UG/KG		B7,7/11	
	77-47-4	Hexachlorocyclopentadiene	390	U	UG/KG		B7,7/11	
	67-72-1	Hexachloroethane	390	U	UG/KG		B7,7/11	
	53-70-3	Dibenzo(a,h)anthracene	390	U	UG/KG		B7,7/11	
	51-28-5	2,4-Dinitrophenol	1900	U	UG/KG		B7,7/11	
	56-23-5	Carbon Tetrachloride	12	U	UG/KG	MV 705	B7,7/11	
	71-43-2	Benzene	12	U	UG/KG		B7,7/11	
	71-55-6	1,1,1-Trichloroethane	12	U	UG/KG		B7,7/11	
	75-27-4	Bromodichloromethane	12	U	UG/KG		B7,7/11	
	75-34-3	1,1-Dichloroethane	12	U	UG/KG		B7,7/11	
	107-06-2	1,2-Dichloroethane	12	U	UG/KG		B7,7/11	
	108-05-4	Vinyl Acetate	24	U	UG/KG		B7,7/11	
	108-10-1	4-Methyl-2-pentanone	24	U	UG/KG		B7,7/11	
	75-35-4	1,1-Dichloroethene	12	U	UG/KG		B7,7/11	
	78-87-5	1,2-Dichloropropane	12	U	UG/KG		B7,7/11	
	79-00-5	1,1,2-Trichloroethane	12	U	UG/KG		B7,7/11	
	79-01-6	Trichloroethene	12	U	UG/KG		B7,7/11	
	108-88-3	Toluene	12	U	UG/KG		B7,7/11	
	108-90-7	Chlorobenzene	12	U	UG/KG		B7,7/11	
	124-48-1	Dibromochloromethane	12	U	UG/KG		B7,7/11	
	127-18-4	Tetrachloroethene	12	U	UG/KG		B7,7/11	
	540-59-0	1,2-Dichloroethylene	12	U	UG/KG		B7,7/11	
	591-78-6	2-Hexanone	24	U	UG/KG		B7,7/11	
	1330-20-7	Total xylenes	4	J	UG/KG		B7,7/11	
	10061-01-5	cis-1,3-Dichloropropene	12	U	UG/KG		B7,7/11	
	10061-02-6	trans-1,3-Dichloropropene	12	U	UG/KG		B7,7/11	
	79-34-5	1,1,2,2-Tetrachloroethane	12	U	UG/KG		B7,7/11	
	IT0-001	% Moisture	16		% MOISTURE		B7,7/11	
	100-41-4	Ethylbenzene	12	U	UG/KG		B7,7/11	
	100-42-5	Styrene	12	U	UG/KG		B7,7/11	
	78-93-3	2-Butanone	75		UG/KG		B7,7/11	
	75-25-2	Bromoform	12	U	UG/KG		B7,7/11	
	75-15-0	Carbon disulfide	12	U	UG/KG		B7,7/11	
	74-83-9	Bromomethane	24	U	UG/KG		B7,7/11	
	75-09-2	Methylene chloride	22	B	UG/KG		B7,7/11	
	75-01-4	Vinyl chloride	24	U	UG/KG		B7,7/11	
	75-00-3	Chloroethane	24	U	UG/KG		B7,7/11	
	74-87-3	Chloromethane	24	U	UG/KG		B7,7/11	
	67-66-3	Chloroform	12	U	UG/KG		B7,7/11	
	67-64-1	Acetone	390		UG/KG		B7,7/11	
	57-12-5	Cyanide	.6	U	MG/KG	WW 037	B7,7/11	

3 10 01160

APPENDIX A
ANALYTICAL RESULTS

SAMPLE NUMB	PARAMETER CODE	COMPOUND/ANALYTE	RESULTS	QUALIFIER	UNITS	PRODUCT CODE	SAMPLE LOCATION	FLAG
J.	7439-92-1	Lead	6.4	N	MG/KG	AG 704	B4,3/7	TRG
	7782-49-2	Selenium	.5	UN	MG/KG		B4,3/7	
	7440-38-2	Arsenic	.3	UWN	MG/KG		B4,3/7	
	7440-28-0	Thallium	.2	U	MG/KG		B4,3/7	
	ITO-003	% Solids	89.4		% SOLIDS	GP 706	B4,3/7	
	7440-39-3	Barium	50.4		MG/KG		B4,3/7	
	7440-41-7	Beryllium	.3	B	MG/KG		B4,3/7	
	7440-43-9	Cadmium	.6	U	MG/KG		B4,3/7	
	7440-47-3	Chromium	15	N	MG/KG		B4,3/7	
	7440-50-8	Copper	20		MG/KG		B4,3/7	
	7440-62-2	Vanadium	26	N	MG/KG		B4,3/7	
	7440-66-6	Zinc	9	N	MG/KG		B4,3/7	
	7440-70-2	Calcium	167	B	MG/KG		B4,3/7	
	7440-48-4	Cobalt	2	U	MG/KG		B4,3/7	
	7440-36-0	Antimony	3	UN	MG/KG		B4,3/7	
	7440-23-5	Sodium	48	B	MG/KG		B4,3/7	
	7439-89-6	Iron	10400	*	MG/KG		B4,3/7	
	7440-22-4	Silver	.6	UN	MG/KG		B4,3/7	
	7440-09-7	Potassium	450	B	MG/KG		B4,3/7	
	7440-02-0	Nickel	4	BN	MG/KG		B4,3/7	
	7439-96-5	Manganese	148	N	MG/KG		B4,3/7	
	7439-95-4	Magnesium	258	B	MG/KG		B4,3/7	
	7429-90-5	Aluminum	13200	*	MG/KG		B4,3/7	
	7439-97-6	Mercury	.03		MG/KG	AV 006	B4,3/7	
	50-29-3	4,4'-DDT	18	U	UG/KG	GC 723	B4,3/7	
	319-86-8	delta-BHC	8.8	U	UG/KG		B4,3/7	
	959-98-8	Endosulfan-I	8.8	U	UG/KG		B4,3/7	
	8001-35-2	Toxaphene	180	U	UG/KG		B4,3/7	
	11096-82-5	Aroclor-1260	180	U	UG/KG		B4,3/7	
	11097-69-1	Aroclor-1254	180	U	UG/KG		B4,3/7	
	11141-16-5	Aroclor-1232	88	U	UG/KG		B4,3/7	
	12672-29-6	Aroclor-1248	88	U	UG/KG		B4,3/7	
	12674-11-2	Aroclor-1016	88	U	UG/KG		B4,3/7	
	33213-65-9	Endosulfan II	18	U	UG/KG		B4,3/7	
	53469-21-9	Aroclor-1242	88	U	UG/KG		B4,3/7	
	53494-70-5	Endrin ketone	18	U	UG/KG		B4,3/7	
	11104-28-2	Aroclor-1221	88	U	UG/KG		B4,3/7	
	1024-57-3	Heptachlor epoxide	8.8	U	UG/KG		B4,3/7	
	319-85-7	beta-BHC	8.8	U	UG/KG		B4,3/7	
	1031-07-8	Endosulfan sulfate	18	U	UG/KG		B4,3/7	
	5103-71-9	alpha-Chlordane	88	U	UG/KG		B4,3/7	
	5103-74-2	gamma-Chlordane	88	U	UG/KG		B4,3/7	
	319-84-6	alpha-BHC	8.8	U	UG/KG		B4,3/7	
	309-00-2	Aldrin	8.8	U	UG/KG		B4,3/7	
	ITO-001	% Moisture	11		% MOISTURE		B4,3/7	
	76-44-8	Heptachlor	8.8	U	UG/KG		B4,3/7	
	72-43-5	Methoxychlor	88	U	UG/KG		B4,3/7	
	72-54-8	4,4'-DDD	18	U	UG/KG		B4,3/7	
	72-55-9	4,4'-DDE	18	U	UG/KG		B4,3/7	
	60-57-1	Dieldrin	18	U	UG/KG		B4,3/7	
	72-20-8	Endrin	18	U	UG/KG		B4,3/7	
	58-89-9	gamma-BHC (Lindane)	8.8	U	UG/KG		B4,3/7	

3 10 01161

APPENDIX A
ANALYTICAL RESULTS

SAMPLE NUM	PARAMETER CODE	COMPOUND/ANALYTE	RESULTS	QUALIFIER	UNITS	PRODUCT CODE	SAMPLE LOCATION	FLAG
	50-32-8	Benzo(a)pyrene	360	U	UG/KG	ME 705	B4,3/7	TRG
	91-20-3	Naphthalene	360	U	UG/KG		B4,3/7	
	91-57-6	2-Methylnaphthalene	360	U	UG/KG		B4,3/7	
	91-58-7	2-Chloronaphthalene	360	U	UG/KG		B4,3/7	
	91-94-1	3,3'-Dichlorobenzidine	730	U	UG/KG		B4,3/7	
	95-48-7	2-Methylphenol	360	U	UG/KG		B4,3/7	
	108-95-2	Phenol	360	U	UG/KG		B4,3/7	
	95-50-1	1,2-Dichlorobenzene	360	U	UG/KG		B4,3/7	
	95-57-8	2-Chlorophenol	360	U	UG/KG		B4,3/7	
	95-95-4	2,4,5-Trichlorophenol	1800	U	UG/KG		B4,3/7	
	111-44-4	bis(2-Chloroethyl)ether	360	U	UG/KG		B4,3/7	
	111-91-1	bis(2-Chloroethoxy)methane	360	U	UG/KG		B4,3/7	
	117-81-7	bis(2-Ethylhexyl) phthalate	970	B	UG/KG		B4,3/7	
	117-84-0	Di-n-octyl phthalate	360	U	UG/KG		B4,3/7	
	118-74-1	Hexachlorobenzene	360	U	UG/KG		B4,3/7	
	120-82-1	1,2,4-Trichlorobenzene	360	U	UG/KG		B4,3/7	
	120-83-2	2,4-Dichlorophenol	360	U	UG/KG		B4,3/7	
	121-14-2	2,4-Dinitrotoluene	360	U	UG/KG		B4,3/7	
	131-11-3	Dimethyl phthalate	360	U	UG/KG		B4,3/7	
	132-64-9	Dibenzofuran	360	U	UG/KG		B4,3/7	
	191-24-2	Benzo(g,h,i)perylene	360	U	UG/KG		B4,3/7	
	205-99-2	Benzo(b)fluoranthene	360	U	UG/KG		B4,3/7	
	206-44-0	Fluoranthene	360	U	UG/KG		B4,3/7	
	207-08-9	Benzo(k)fluoranthene	360	U	UG/KG		B4,3/7	
	208-96-8	Acenaphthylene	360	U	UG/KG		B4,3/7	
	218-01-9	Chrysene	360	U	UG/KG		B4,3/7	
	534-52-1	4,6-Dinitro-2-methylphenol	1800	U	UG/KG		B4,3/7	
	621-64-7	N-Nitroso-di-n-propylamine	360	U	UG/KG		B4,3/7	
	7005-72-3	4-Chlorophenylphenyl ether	360	U	UG/KG		B4,3/7	
	606-20-2	2,6-Dinitrotoluene	360	U	UG/KG		B4,3/7	
	541-73-1	1,3-Dichlorobenzene	360	U	UG/KG		B4,3/7	
	193-39-5	Indeno(1,2,3-cd)pyrene	360	U	UG/KG		B4,3/7	
	129-00-0	Pyrene	360	U	UG/KG		B4,3/7	
	120-12-7	Anthracene	360	U	UG/KG		B4,3/7	
	98-95-3	Nitrobenzene	360	U	UG/KG		B4,3/7	
	84-66-2	Diethyl phthalate	360	U	UG/KG		B4,3/7	
	84-74-2	Di-n-butyl phthalate	360	U	UG/KG		B4,3/7	
	99-09-2	3-Nitroaniline	1800	U	UG/KG		B4,3/7	
	IT0-001	% Moisture	11		% MOISTURE		B4,3/7	
	100-01-6	4-Nitroaniline	1800	U	UG/KG		B4,3/7	
	100-02-7	4-Nitrophenol	1800	U	UG/KG		B4,3/7	
	85-01-8	Phenanthrene	360	U	UG/KG		B4,3/7	
	100-51-6	Benzyl alcohol	360	U	UG/KG		B4,3/7	
	101-55-3	4-Bromophenyl phenyl ether	360	U	UG/KG		B4,3/7	
	105-67-9	2,4-Dimethylphenol	360	U	UG/KG		B4,3/7	
	106-44-5	4-Methylphenol	360	U	UG/KG		B4,3/7	
	106-46-7	1,4-Dichlorobenzene	360	U	UG/KG		B4,3/7	
	108-60-1	bis(2-Chloroisopropyl)ether	360	U	UG/KG		B4,3/7	
	106-47-8	4-Chloroaniline	360	U	UG/KG		B4,3/7	
	86-73-7	Fluorene	360	U	UG/KG		B4,3/7	
	87-68-3	Hexachlorobutadiene	360	U	UG/KG		B4,3/7	
	87-86-5	Pentachlorophenol	1800	U	UG/KG		B4,3/7	
	88-06-2	2,4,6-Trichlorophenol	360	U	UG/KG		B4,3/7	
	88-74-4	2-Nitroaniline	1800	U	UG/KG		B4,3/7	
	88-75-5	2-Nitrophenol	360	U	UG/KG		B4,3/7	
	86-30-6	N-Nitrosodiphenylamine	360	U	UG/KG		B4,3/7	

3 10 01162

APPENDIX A
ANALYTICAL RESULTS

SAMPLE NUM	PARAMETER CODE	COMPOUND/ANALYTE	RESULTS	QUALIFIER	UNITS	PRODUCT CODE	SAMPLE LOCATION	FLAG
	85-68-7	Butyl benzyl phthalate	360	U	UG/KG	ME 705	B4,3/7	TRG
	83-32-9	Acenaphthene	360	U	UG/KG		B4,3/7	
	78-59-1	Isophorone	360	U	UG/KG		B4,3/7	
	77-47-4	Hexachlorocyclopentadiene	360	U	UG/KG		B4,3/7	
	67-72-1	Hexachloroethane	360	U	UG/KG		B4,3/7	
	56-55-3	Benzo(a)anthracene	360	U	UG/KG		B4,3/7	
	59-50-7	4-Chloro-3-methylphenol	360	U	UG/KG		B4,3/7	
	65-85-0	Benzoic acid	1800	U	UG/KG		B4,3/7	
	53-70-3	Dibenzo(a,h)anthracene	360	U	UG/KG		B4,3/7	
	51-28-5	2,4-Dinitrophenol	1800	U	UG/KG		B4,3/7	
	56-23-5	Carbon Tetrachloride	6	U	UG/KG	MV 705	B4,3/7	
	75-01-4	Vinyl chloride	11	U	UG/KG		B4,3/7	
	75-09-2	Methylene chloride	15	B	UG/KG		B4,3/7	
	75-15-0	Carbon disulfide	6	U	UG/KG		B4,3/7	
	IT0-001	% Moisture	11		% MOISTURE		B4,3/7	
	75-25-2	Bromoform	6	U	UG/KG		B4,3/7	
	75-34-3	1,1-Dichloroethane	6	U	UG/KG		B4,3/7	
	75-35-4	1,1-Dichloroethene	6	U	UG/KG		B4,3/7	
	100-41-4	Ethylbenzene	6	U	UG/KG		B4,3/7	
	100-42-5	Styrene	6	U	UG/KG		B4,3/7	
	107-06-2	1,2-Dichloroethane	6	U	UG/KG		B4,3/7	
	108-05-4	Vinyl Acetate	11	U	UG/KG		B4,3/7	
	108-10-1	4-Methyl-2-pentanone	15		UG/KG		B4,3/7	
	78-87-5	1,2-Dichloropropane	6	U	UG/KG		B4,3/7	
	108-88-3	Toluene	2	J	UG/KG		B4,3/7	
	108-90-7	Chlorobenzene	6	U	UG/KG		B4,3/7	
	124-48-1	Dibromochloromethane	6	U	UG/KG		B4,3/7	
	127-18-4	Tetrachloroethene	6	U	UG/KG		B4,3/7	
	540-59-0	1,2-Dichloroethylene	6	U	UG/KG		B4,3/7	
	591-78-6	2-Hexanone	11	U	UG/KG		B4,3/7	
	1330-20-7	Total xylenes	6	U	UG/KG		B4,3/7	
	10061-02-6	trans-1,3-Dichloropropene	6	U	UG/KG		B4,3/7	
	10061-01-5	cis-1,3-Dichloropropene	6	U	UG/KG		B4,3/7	
	78-93-3	2-Butanone	890	ED	UG/KG		B4,3/7	
	79-00-5	1,1,2-Trichloroethane	6	U	UG/KG		B4,3/7	
	79-34-5	1,1,2,2-Tetrachloroethane	65		UG/KG		B4,3/7	
	79-01-6	Trichloroethene	6	U	UG/KG		B4,3/7	
	75-27-4	Bromodichloromethane	6	U	UG/KG		B4,3/7	
	75-00-3	Chloroethane	11	U	UG/KG		B4,3/7	
	71-55-6	1,1,1-Trichloroethane	6	U	UG/KG		B4,3/7	
	74-83-9	Bromomethane	11	U	UG/KG		B4,3/7	
	74-87-3	Chloromethane	11	U	UG/KG		B4,3/7	
	67-66-3	Chloroform	6	U	UG/KG		B4,3/7	
	71-43-2	Benzene	6	U	UG/KG		B4,3/7	
	67-64-1	Acetone	210		UG/KG		B4,3/7	
	57-12-5	Cyanide	.6	U	MG/KG	WW 037	B4,3/7	

3 10 01163

APPENDIX A
ANALYTICAL RESULTS

SAMPLE NUM	PARAMETER CODE	COMPOUND/ANALYTE	RESULTS	QUALIFIER	UNITS	PRODUCT CODE	SAMPLE LOCATION	FLAG
	7439-92-1	Lead	4.9	N	MG/KG	AG 704	B4,3/7	TRG
	7782-49-2	Selenium	.3	UN	MG/KG		B4,3/7	
	7440-38-2	Arsenic	.4	WN	MG/KG		B4,3/7	
	7440-28-0	Thallium	.3	UW	MG/KG		B4,3/7	
	ITO-003	% Solids	89.7		% SOLIDS	AP 706	B4,3/7	
	7439-95-4	Magnesium	203	B	MG/KG		B4,3/7	
	7440-41-7	Beryllium	.2	B	MG/KG		B4,3/7	
	7440-43-9	Cadmium	.6	U	MG/KG		B4,3/7	
	7440-47-3	Chromium	13	N	MG/KG		B4,3/7	
	7440-48-4	Cobalt	2	U	MG/KG		B4,3/7	
	7440-50-8	Copper	16		MG/KG		B4,3/7	
	7440-62-2	Vanadium	26	N	MG/KG		B4,3/7	
	7440-66-6	Zinc	6.6	N	MG/KG		B4,3/7	
	7440-70-2	Calcium	160	B	MG/KG		B4,3/7	
	7440-39-3	Barium	46.1		MG/KG		B4,3/7	
	7439-96-5	Manganese	148	N	MG/KG		B4,3/7	
	7440-02-0	Nickel	3	BN	MG/KG		B4,3/7	
	7440-36-0	Antimony	3	UN	MG/KG		B4,3/7	
	7440-23-5	Sodium	48		MG/KG		B4,3/7	
	7440-22-4	Silver	.6	UN	MG/KG		B4,3/7	
	7440-09-7	Potassium	375	B	MG/KG		B4,3/7	
	7439-89-6	Iron	10500	*	MG/KG		B4,3/7	
	7429-90-5	Aluminum	10800	*	MG/KG		B4,3/7	
	7439-97-6	Mercury	.04		MG/KG	AV 006	B4,3/7	
	50-29-3	4,4'-DDT	18	U	UG/KG	GC 723	B4,3/7	
	60-57-1	Dieldrin	18	U	UG/KG		B4,3/7	
	72-20-8	Endrin	18	U	UG/KG		B4,3/7	
	11097-69-1	Aroclor-1254	180	U	UG/KG		B4,3/7	
	11104-28-2	Aroclor-1221	88	U	UG/KG		B4,3/7	
	11141-16-5	Aroclor-1232	88	U	UG/KG		B4,3/7	
	12674-11-2	Aroclor-1016	88	U	UG/KG		B4,3/7	
	33213-65-9	Endosulfan II	18	U	UG/KG		B4,3/7	
	53469-21-9	Aroclor-1242	98	U	UG/KG		B4,3/7	
	53494-70-5	Endrin ketone	18	U	UG/KG		B4,3/7	
	12672-29-6	Aroclor-1248	88	U	UG/KG		B4,3/7	
	309-00-2	Aldrin	8.8	U	UG/KG		B4,3/7	
	1024-57-3	Heptachlor epoxide	8.8	U	UG/KG		B4,3/7	
	959-98-8	Endosulfan-I	8.8	U	UG/KG		B4,3/7	
	1031-07-8	Endosulfan sulfate	18	U	UG/KG		B4,3/7	
	5103-71-9	alpha-Chlordane	88	U	UG/KG		B4,3/7	
	5103-74-2	gamma-Chlordane	88	U	UG/KG		B4,3/7	
	8001-35-2	Toxaphene	180	U	UG/KG		B4,3/7	
	11096-82-5	Aroclor-1260	180	U	UG/KG		B4,3/7	
	319-86-8	delta-BHC	8.8	U	UG/KG		B4,3/7	
	319-85-7	beta-BHC	8.8	U	UG/KG		B4,3/7	
	319-84-6	alpha-BHC	8.8	U	UG/KG		B4,3/7	
	ITO-001	% Moisture	10		% MOISTURE		B4,3/7	
	76-44-8	Heptachlor	8.8	U	UG/KG		B4,3/7	
	72-55-9	4,4'-DDE	18	U	UG/KG		B4,3/7	
	72-54-8	4,4'-DDD	18	U	UG/KG		B4,3/7	
	72-43-5	Methoxychlor	88	U	UG/KG		B4,3/7	
	58-89-9	gamma-BHC (Lindane)	8.8	U	UG/KG		B4,3/7	

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APPENDIX A
ANALYTICAL RESULTS

SAMPLE NUMBER	PARAMETER CODE	COMPOUND/ANALYTE	RESULTS	QUALIFIER	UNITS	PRODUCT CODE	SAMPLE LOCATION	FLAG
[redacted]	50-32-8	Benzo(a)pyrene	360	U	UG/KG	ME 705	B4,3/7	TRG
	84-66-2	Diethyl phthalate	360	U	UG/KG		B4,3/7	
	108-60-1	bis(2-Chloroisopropyl)ether	360	U	UG/KG		B4,3/7	
	108-95-2	Phenol	360	U	UG/KG		B4,3/7	
	111-44-4	bis(2-Chloroethyl)ether	360	U	UG/KG		B4,3/7	
	117-81-7	bis(2-Ethylhexyl) phthalate	740	B	UG/KG		B4,3/7	
	111-91-1	bis(2-Chloroethoxy)methane	360	U	UG/KG		B4,3/7	
	84-74-2	Di-n-butyl phthalate	360	U	UG/KG		B4,3/7	
	91-20-3	Naphthalene	360	U	UG/KG		B4,3/7	
	117-84-0	Di-n-octyl phthalate	360	U	UG/KG		B4,3/7	
	118-74-1	Hexachlorobenzene	360	U	UG/KG		B4,3/7	
	120-12-7	Anthracene	360	U	UG/KG		B4,3/7	
	120-82-1	1,2,4-Trichlorobenzene	360	U	UG/KG		B4,3/7	
	120-83-2	2,4-Dichlorophenol	360	U	UG/KG		B4,3/7	
	121-14-2	2,4-Dinitrotoluene	360	U	UG/KG		B4,3/7	
	129-00-0	Pyrene	360	U	UG/KG		B4,3/7	
	91-57-6	2-Methylnaphthalene	360	U	UG/KG		B4,3/7	
	91-58-7	2-Chloronaphthalene	360	U	UG/KG		B4,3/7	
	131-11-3	Dimethyl phthalate	360	U	UG/KG		B4,3/7	
	132-64-9	Dibenzofuran	360	U	UG/KG		B4,3/7	
	191-24-2	Benzo(g,h,i)perylene	360	U	UG/KG		B4,3/7	
	193-39-5	Indeno(1,2,3-cd)pyrene	360	U	UG/KG		B4,3/7	
	205-99-2	Benzo(b)fluoranthene	360	U	UG/KG		B4,3/7	
	207-08-9	Benzo(k)fluoranthene	360	U	UG/KG		B4,3/7	
	208-96-8	Acenaphthylene	360	U	UG/KG		B4,3/7	
	534-52-1	4,6-Dinitro-2-methylphenol	1800	U	UG/KG		B4,3/7	
	541-73-1	1,3-Dichlorobenzene	360	U	UG/KG		B4,3/7	
	621-64-7	N-Nitroso-di-n-propylamine	360	U	UG/KG		B4,3/7	
	7005-72-3	4-Chlorophenylphenyl ether	360	U	UG/KG		B4,3/7	
	606-20-2	2,6-Dinitrotoluene	360	U	UG/KG		B4,3/7	
	218-01-9	Chrysene	360	U	UG/KG		B4,3/7	
	206-44-0	Fluoranthene	360	U	UG/KG		B4,3/7	
	91-94-1	3,3'-Dichlorobenzidine	720	U	UG/KG		B4,3/7	
	95-50-1	1,2-Dichlorobenzene	360	U	UG/KG		B4,3/7	
	95-57-8	2-Chlorophenol	360	U	UG/KG		B4,3/7	
	95-95-4	2,4,5-Trichlorophenol	1800	U	UG/KG		B4,3/7	
	98-95-3	Nitrobenzene	360	U	UG/KG		B4,3/7	
	ITO-001	% Moisture	10		% MOISTURE		B4,3/7	
	100-01-6	4-Nitroaniline	1800	U	UG/KG		B4,3/7	
	100-02-7	4-Nitrophenol	1800	U	UG/KG		B4,3/7	
	100-51-6	Benzyl alcohol	360	U	UG/KG		B4,3/7	
	101-55-3	4-Bromophenyl phenyl ether	360	U	UG/KG		B4,3/7	
	105-67-9	2,4-Dimethylphenol	360	U	UG/KG		B4,3/7	
	106-44-5	4-Methylphenol	360	U	UG/KG		B4,3/7	
	106-46-7	1,4-Dichlorobenzene	360	U	UG/KG		B4,3/7	
	106-47-8	4-Chloroaniline	360	U	UG/KG		B4,3/7	
	99-09-2	3-Nitroaniline	1800	U	UG/KG		B4,3/7	
	95-48-7	2-Methylphenol	360	U	UG/KG		B4,3/7	
	85-01-8	Phenanthrene	360	U	UG/KG		B4,3/7	
	85-68-7	Butyl benzyl phthalate	360	U	UG/KG		B4,3/7	
	86-73-7	Fluorene	360	U	UG/KG		B4,3/7	
	87-68-3	Hexachlorobutadiene	360	U	UG/KG		B4,3/7	
	87-86-5	Pentachlorophenol	1800	U	UG/KG		B4,3/7	
	88-06-2	2,4,6-Trichlorophenol	360	U	UG/KG		B4,3/7	
	88-74-4	2-Nitroaniline	1800	U	UG/KG		B4,3/7	
	88-75-5	2-Nitrophenol	360	U	UG/KG		B4,3/7	

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APPENDIX A
ANALYTICAL RESULTS

SAMPLE NUM	PARAMETER CODE	COMPOUND/ANALYTE	RESULTS	QUALIFIER	UNITS	PRODUCT CODE	SAMPLE LOCATION	FLAG
	86-30-6	N-Nitrosodiphenylamine	360	U	UG/KG	ME 705	B4,3/7	TRG
	83-32-9	Acenaphthene	360	U	UG/KG		B4,3/7	
	78-59-1	Isophorone	360	U	UG/KG		B4,3/7	
	77-47-4	Hexachlorocyclopentadiene	360	U	UG/KG		B4,3/7	
	67-72-1	Hexachloroethane	360	U	UG/KG		B4,3/7	
	56-55-3	Benzo(a)anthracene	360	U	UG/KG		B4,3/7	
	59-50-7	4-Chloro-3-methylphenol	360	U	UG/KG		B4,3/7	
	65-85-0	Benzoic acid	76	J	UG/KG		B4,3/7	
	53-70-3	Dibenzo(a,h)anthracene	360	U	UG/KG		B4,3/7	
	51-28-5	2,4-Dinitrophenol	1800	U	UG/KG		B4,3/7	
	56-23-5	Carbon Tetrachloride	6	U	UG/KG	MV 705	B4,3/7	
	100-41-4	Ethylbenzene	6	U	UG/KG		B4,3/7	
	100-42-5	Styrene	6	U	UG/KG		B4,3/7	
	107-06-2	1,2-Dichloroethane	6	U	UG/KG		B4,3/7	
	108-05-4	Vinyl Acetate	11	U	UG/KG		B4,3/7	
	108-10-1	4-Methyl-2-pentanone	32		UG/KG		B4,3/7	
	108-88-3	Toluene	2	J	UG/KG		B4,3/7	
	108-90-7	Chlorobenzene	6	U	UG/KG		B4,3/7	
	124-48-1	Dibromochloromethane	6	U	UG/KG		B4,3/7	
	75-15-0	Carbon disulfide	6	U	UG/KG		B4,3/7	
	75-25-2	Bromoform	6	U	UG/KG		B4,3/7	
	127-18-4	Tetrachloroethene	7		UG/KG		B4,3/7	
	540-59-0	1,2-Dichloroethylene	6	U	UG/KG		B4,3/7	
	591-78-6	2-Hexanone	11	U	UG/KG		B4,3/7	
	1330-20-7	Total xylenes	6	U	UG/KG		B4,3/7	
	10061-01-5	cis-1,3-Dichloropropene	6	U	UG/KG		B4,3/7	
	10061-02-6	trans-1,3-Dichloropropene	6	U	UG/KG		B4,3/7	
	75-27-4	Bromodichloromethane	6	U	UG/KG		B4,3/7	
	75-34-3	1,1-Dichloroethane	6	U	UG/KG		B4,3/7	
	78-87-5	1,2-Dichloropropane	6	U	UG/KG		B4,3/7	
	78-93-3	2-Butanone	1400	ED	UG/KG		B4,3/7	
	79-00-5	1,1,2-Trichloroethane	6	U	UG/KG		B4,3/7	
	79-01-6	Trichloroethene	6	U	UG/KG		B4,3/7	
	IT0-001	% Moisture	10		% MOISTURE		B4,3/7	
	79-34-5	1,1,2,2-Tetrachloroethane	75		UG/KG		B4,3/7	
	75-35-4	1,1-Dichloroethene	6	U	UG/KG		B4,3/7	
	75-09-2	Methylene chloride	18	D	UG/KG		B4,3/7	
	75-01-4	Vinyl chloride	11	U	UG/KG		B4,3/7	
	75-00-3	Chloroethane	11	U	UG/KG		B4,3/7	
	74-87-3	Chloromethane	11	U	UG/KG		B4,3/7	
	71-43-2	Benzene	6	U	UG/KG		B4,3/7	
	71-55-6	1,1,1-Trichloroethane	6	U	UG/KG		B4,3/7	
	74-83-9	Bromomethane	11	U	UG/KG		B4,3/7	
	67-66-3	Chloroform	6	U	UG/KG		B4,3/7	
	67-64-1	Acetone	740	D	UG/KG		B4,3/7	
	57-12-5	Cyanide	.6	U	MG/KG	WW 037	B4,3/7	

3 10 01166

APPENDIX A
ANALYTICAL RESULTS

SAMPLE NUM	PARAMETER CODE	COMPOUND/ANALYTE	RESULTS	QUALIFIER	UNITS	PRODUCT CODE	SAMPLE LOCATION	FLAG
[redacted]	7439-92-1	Lead	4.3	N	MG/KG	AG 704	B4,7/11	TRG
	7782-49-2	Selenium	.4	UN	MG/KG		B4,7/11	
	7440-38-2	Arsenic	.4	UWN	MG/KG		B4,7/11	
	7440-28-0	Thallium	.2	UW	MG/KG		B4,7/11	
	ITO-003	% Solids	88.6		% SOLIDS	AP 706	B4,7/11	
	7440-02-0	Nickel	2	BN	MG/KG		B4,7/11	
	7440-09-7	Potassium	277	B	MG/KG		B4,7/11	
	7440-41-7	Beryllium	.1	B	MG/KG		B4,7/11	
	7440-43-9	Cadmium	.6	U	MG/KG		B4,7/11	
	7440-47-3	Chromium	6	N	MG/KG		B4,7/11	
	7440-48-4	Cobalt	2	U	MG/KG		B4,7/11	
	7440-50-8	Copper	20		MG/KG		B4,7/11	
	7440-62-2	Vanadium	18	N	MG/KG		B4,7/11	
	7440-66-6	Zinc	3.8	BN	MG/KG		B4,7/11	
	7440-70-2	Calcium	242		MG/KG		B4,7/11	
	7440-39-3	Barium	17.3	B	MG/KG		B4,7/11	
	7440-22-4	Silver	.6	UN	MG/KG		B4,7/11	
	7440-36-0	Antimony	3	UN	MG/KG		B4,7/11	
	7440-23-5	Sodium	79	B	MG/KG		B4,7/11	
	7439-95-4	Magnesium	200	B	MG/KG		B4,7/11	
	7439-96-5	Manganese	7.9	N	MG/KG		B4,7/11	
	7439-89-6	Iron	7700	*	MG/KG		B4,7/11	
	7429-90-5	Aluminum	11400	*	MG/KG		B4,7/11	
	7439-97-6	Mercury	.02	U	MG/KG	AV 006	B4,7/11	
	50-29-3	4,4'-DDT	18	U	UG/KG	GC 723	B4,7/11	
	319-84-6	alpha-BHC	8.9	U	UG/KG		B4,7/11	
	319-85-7	beta-BHC	8.9	U	UG/KG		B4,7/11	
	11104-28-2	Aroclor-1221	89	U	UG/KG		B4,7/11	
	11141-16-5	Aroclor-1232	89	U	UG/KG		B4,7/11	
	12672-29-6	Aroclor-1248	89	U	UG/KG		B4,7/11	
	12674-11-2	Aroclor-1016	89	U	UG/KG		B4,7/11	
	53469-21-9	Aroclor-1242	89	U	UG/KG		B4,7/11	
	53494-70-5	Endrin ketone	18	U	UG/KG		B4,7/11	
	33213-65-9	Endosulfan II	18	U	UG/KG		B4,7/11	
	319-86-8	delta-BHC	8.9	U	UG/KG		B4,7/11	
	959-98-8	Endosulfan-I	8.9	U	UG/KG		B4,7/11	
	1024-57-3	Heptachlor epoxide	8.9	U	UG/KG		B4,7/11	
	1031-07-8	Endosulfan sulfate	18	U	UG/KG		B4,7/11	
	5103-71-9	alpha-Chlordane	89	U	UG/KG		B4,7/11	
	5103-74-2	gamma-Chlordane	89	U	UG/KG		B4,7/11	
	8001-35-2	Toxaphene	180	U	UG/KG		B4,7/11	
	11097-69-1	Aroclor-1254	180	U	UG/KG		B4,7/11	
	11096-82-5	Aroclor-1260	180	U	UG/KG		B4,7/11	
	309-00-2	Aldrin	8.9	U	UG/KG		B4,7/11	
	ITO-001	% Moisture	11		% MOISTURE		B4,7/11	
	60-57-1	Dieldrin	18	U	UG/KG		B4,7/11	
	76-44-8	Heptachlor	8.9	U	UG/KG		B4,7/11	
	72-55-9	4,4'-DDE	18	U	UG/KG		B4,7/11	
	72-54-8	4,4'-DDD	18	U	UG/KG		B4,7/11	
	72-43-5	Methoxychlor	89	U	UG/KG		B4,7/11	
	72-20-8	Endrin	18	U	UG/KG		B4,7/11	
	58-89-9	gamma-BHC (Lindane)	8.9	U	UG/KG		B4,7/11	

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APPENDIX A
ANALYTICAL RESULTS

SAMPLE NUMBER	PARAMETER CODE	COMPOUND/ANALYTE	RESULTS	QUALIFIER	UNITS	PRODUCT CODE	SAMPLE LOCATION	FLAG
[redacted]	50-32-8	Benzo(a)pyrene	370	U	UG/KG	ME 705	B4,7/11	TRG
	53-70-3	Dibenzo(a,h)anthracene	370	U	UG/KG		B4,7/11	
	117-84-0	Di-n-octyl phthalate	370	U	UG/KG		B4,7/11	
	83-32-9	Acenaphthene	370	U	UG/KG		B4,7/11	
	84-66-2	Diethyl phthalate	370	U	UG/KG		B4,7/11	
	88-75-5	2-Nitrophenol	370	U	UG/KG		B4,7/11	
	91-20-3	Naphthalene	370	U	UG/KG		B4,7/11	
	91-57-6	2-Methylnaphthalene	370	U	UG/KG		B4,7/11	
	118-74-1	Hexachlorobenzene	370	U	UG/KG		B4,7/11	
	120-12-7	Anthracene	370	U	UG/KG		B4,7/11	
	91-58-7	2-Chloronaphthalene	370	U	UG/KG		B4,7/11	
	95-48-7	2-Methylphenol	63	J	UG/KG		B4,7/11	
	95-50-1	1,2-Dichlorobenzene	370	U	UG/KG		B4,7/11	
	95-57-8	2-Chlorophenol	62	J	UG/KG		B4,7/11	
	95-95-4	2,4,5-Trichlorophenol	1800	U	UG/KG		B4,7/11	
	120-82-1	1,2,4-Trichlorobenzene	370	U	UG/KG		B4,7/11	
	120-83-2	2,4-Dichlorophenol	370	U	UG/KG		B4,7/11	
	129-00-0	Pyrene	370	U	UG/KG		B4,7/11	
	131-11-3	Dimethyl phthalate	370	U	UG/KG		B4,7/11	
	191-24-2	Benzo(g,h,i)perylene	370	U	UG/KG		B4,7/11	
	193-39-5	Indeno(1,2,3-cd)pyrene	370	U	UG/KG		B4,7/11	
	206-44-0	Fluoranthene	370	U	UG/KG		B4,7/11	
	207-08-9	Benzo(k)fluoranthene	370	U	UG/KG		B4,7/11	
	208-96-8	Acenaphthylene	370	U	UG/KG		B4,7/11	
	534-52-1	4,6-Dinitro-2-methylphenol	1800	U	UG/KG		B4,7/11	
	541-73-1	1,3-Dichlorobenzene	370	U	UG/KG		B4,7/11	
	606-20-2	2,6-Dinitrotoluene	370	U	UG/KG		B4,7/11	
	7005-72-3	4-Chlorophenylphenyl ether	370	U	UG/KG		B4,7/11	
	621-64-7	N-Nitroso-di-n-propylamine	370	U	UG/KG		B4,7/11	
	218-01-9	Chrysene	370	U	UG/KG		B4,7/11	
	205-99-2	Benzo(b)fluoranthene	370	U	UG/KG		B4,7/11	
	132-64-9	Dibenzofuran	370	U	UG/KG		B4,7/11	
	121-14-2	2,4-Dinitrotoluene	370	U	UG/KG		B4,7/11	
	98-95-3	Nitrobenzene	370	U	UG/KG		B4,7/11	
	99-09-2	3-Nitroaniline	1800	U	UG/KG		B4,7/11	
	IT0-001	% Moisture	11		% MOISTURE		B4,7/11	
	100-01-6	4-Nitroaniline	1800	U	UG/KG		B4,7/11	
	100-02-7	4-Nitrophenol	1800	U	UG/KG		B4,7/11	
	101-55-3	4-Bromophenyl phenyl ether	370	U	UG/KG		B4,7/11	
	105-67-9	2,4-Dimethylphenol	370	U	UG/KG		B4,7/11	
	106-44-5	4-Methylphenol	260	J	UG/KG		B4,7/11	
	106-46-7	1,4-Dichlorobenzene	370	U	UG/KG		B4,7/11	
	108-60-1	bis(2-Chloroisopropyl)ether	370	U	UG/KG		B4,7/11	
	108-95-2	Phenol	910		UG/KG		B4,7/11	
	111-44-4	bis(2-Chloroethyl)ether	370	U	UG/KG		B4,7/11	
	111-91-1	bis(2-Chloroethoxy)methane	370	U	UG/KG		B4,7/11	
	117-81-7	bis(2-Ethylhexyl) phthalate	560	B	UG/KG		B4,7/11	
	106-47-8	4-Chloroaniline	370	U	UG/KG		B4,7/11	
	100-51-6	Benzyl alcohol	370	U	UG/KG		B4,7/11	
	91-94-1	3,3'-Dichlorobenzidine	740	U	UG/KG		B4,7/11	
	84-74-2	Di-n-butyl phthalate	370	U	UG/KG		B4,7/11	
	85-01-8	Phenanthrene	370	U	UG/KG		B4,7/11	
	86-30-6	N-Nitrosodiphenylamine	55	BJ	UG/KG		B4,7/11	
	86-73-7	Fluorene	370	U	UG/KG		B4,7/11	
	87-68-3	Hexachlorobutadiene	370	U	UG/KG		B4,7/11	
	87-86-5	Pentachlorophenol	1800	U	UG/KG		B4,7/11	

APPENDIX A
ANALYTICAL RESULTS

3 10 01168

SAMPLE NUM	PARAMETER CODE	COMPOUND/ANALYTE	RESULTS	QUALIFIER	UNITS	PRODUCT CODE	SAMPLE LOCATION	FLAG
	88-74-4	2-Nitroaniline	1800	U	UG/KG	ME 705	B4,7/11	TRG
	88-06-2	2,4,6-Trichlorophenol	370	U	UG/KG		B4,7/11	
	85-68-7	Butyl benzyl phthalate	370	U	UG/KG		B4,7/11	
	78-59-1	Isophorone	370	U	UG/KG		B4,7/11	
	56-55-3	Benzo(a)anthracene	370	U	UG/KG		B4,7/11	
	77-47-4	Hexachlorocyclopentadiene	370	U	UG/KG		B4,7/11	
	67-72-1	Hexachloroethane	370	U	UG/KG		B4,7/11	
	65-85-0	Benzoic acid	310	J	UG/KG		B4,7/11	
	59-50-7	4-Chloro-3-methylphenol	370	U	UG/KG		B4,7/11	
	51-28-5	2,4-Dinitrophenol	1800	U	UG/KG		B4,7/11	
	56-23-5	Carbon Tetrachloride	28	U	UG/KG	MV 705	B4,7/11	
	1330-20-7	Total xylenes	28	U	UG/KG		B4,7/11	
	10061-01-5	cis-1,3-Dichloropropene	28	U	UG/KG		B4,7/11	
	10061-02-6	trans-1,3-Dichloropropene	28	U	UG/KG		B4,7/11	
	67-66-3	Chloroform	28	U	UG/KG		B4,7/11	
	100-42-5	Styrene	28	U	UG/KG		B4,7/11	
	107-06-2	1,2-Dichloroethane	28	U	UG/KG		B4,7/11	
	108-05-4	Vinyl Acetate	56	U	UG/KG		B4,7/11	
	75-25-2	Bromoform	28	U	UG/KG		B4,7/11	
	75-27-4	Bromodichloromethane	28	U	UG/KG		B4,7/11	
	75-34-3	1,1-Dichloroethane	28	U	UG/KG		B4,7/11	
	78-93-3	2-Butanone	100		UG/KG		B4,7/11	
	79-00-5	1,1,2-Trichloroethane	28	U	UG/KG		B4,7/11	
	108-10-1	4-Methyl-2-pentanone	340		UG/KG		B4,7/11	
	108-88-3	Toluene	28	U	UG/KG		B4,7/11	
	108-90-7	Chlorobenzene	28	U	UG/KG		B4,7/11	
	124-48-1	Dibromochloromethane	28	U	UG/KG		B4,7/11	
	127-18-4	Tetrachlorethene	28	U	UG/KG		B4,7/11	
	540-59-0	1,2-Dichloroethylene	28	U	UG/KG		B4,7/11	
	591-78-6	2-Hexanone	56	U	UG/KG		B4,7/11	
	79-01-6	Trichloroethene	28	U	UG/KG		B4,7/11	
	79-34-5	1,1,2,2-Tetrachloroethane	7	J	UG/KG		B4,7/11	
	ITO-001	% Moisture	11		% MOISTURE		B4,7/11	
	100-41-4	Ethylbenzene	28	U	UG/KG		B4,7/11	
	78-87-5	1,2-Dichloropropane	28	U	UG/KG		B4,7/11	
	75-35-4	1,1-Dichloroethene	28	U	UG/KG		B4,7/11	
	75-15-0	Carbon disulfide	28	U	UG/KG		B4,7/11	
	75-09-2	Methylene chloride	22	BJ	UG/KG		B4,7/11	
	75-01-4	Vinyl chloride	56	U	UG/KG		B4,7/11	
	75-00-3	Chloroethane	56	U	UG/KG		B4,7/11	
	74-87-3	Chloromethane	56	U	UG/KG		B4,7/11	
	74-83-9	Bromomethane	56	U	UG/KG		B4,7/11	
	71-55-6	1,1,1-Trichloroethane	28	U	UG/KG		B4,7/11	
	71-43-2	Benzene	28	U	UG/KG		B4,7/11	
	67-64-1	Acetone	700		UG/KG		B4,7/11	
	57-12-5	Cyanide	.6	U	MG/KG	WW 037	B4,7/11	

3 10 01169

APPENDIX A
ANALYTICAL RESULTS

SAMPLE NU	PARAMETER CODE	COMPOUND/ANALYTE	RESULTS	QUALIFIER	UNITS	PRODUCT CODE	SAMPLE LOCATION	FLAG
[redacted]2	7439-92-1	Lead	3.8	N	MG/KG	AG 704	B5,3/7	TRG
	7440-38-2	Arsenic	.3	UWN	MG/KG		B5,3/7	
	7782-49-2	Selenium	.3	UN	MG/KG		B5,3/7	
	7440-28-0	Thallium	.4	UW	MG/KG		B5,3/7	
	IT0-003	% Solids	90.9		% SOLIDS	AP 706	B5,3/7	
	7440-09-7	Potassium	324	B	MG/KG		B5,3/7	
	7440-23-5	Sodium	50	B	MG/KG		B5,3/7	
	7440-39-3	Barium	42.9		MG/KG		B5,3/7	
	7440-43-9	Cadmium	.6	U	MG/KG		B5,3/7	
	7440-48-4	Cobalt	2	B	MG/KG		B5,3/7	
	7440-62-2	Vanadium	24	N	MG/KG		B5,3/7	
	7440-70-2	Calcium	475	B	MG/KG		B5,3/7	
	7440-66-6	Zinc	8.6	N	MG/KG		B5,3/7	
	7440-50-8	Copper	22		MG/KG		B5,3/7	
	7440-47-3	Chromium	18	N	MG/KG		B5,3/7	
	7440-41-7	Beryllium	.2	B	MG/KG		B5,3/7	
	7440-36-0	Antimony	3	UN	MG/KG		B5,3/7	
	7440-22-4	Silver	.6	UN	MG/KG		B5,3/7	
	7440-02-0	Nickel	3	BN	MG/KG		B5,3/7	
	7439-89-6	Iron	9670	*	MG/KG		B5,3/7	
	7439-96-5	Manganese	35.8	N	MG/KG		B5,3/7	
	7439-95-4	Magnesium	282		MG/KG		B5,3/7	
	7429-90-5	Aluminum	11300	*	MG/KG		B5,3/7	
	7439-97-6	Mercury	.37		MG/KG	AV 006	B5,3/7	
	50-29-3	4,4'-DDT	18	U	UG/KG	GC 723	B5,3/7	
	53469-21-9	Aroclor-1242	180	U*	UG/KG		B5,3/7	
	53494-70-5	Endrin ketone	57	U	UG/KG		B5,3/7	
	33213-65-9	Endosulfan II	18	U	UG/KG		B5,3/7	
	309-00-2	Aldrin	8.9	XU	UG/KG		B5,3/7	
	319-84-6	alpha-BHC	5.2	U*	UG/KG		B5,3/7	
	319-86-8	delta-BHC	82	U*	UG/KG		B5,3/7	
	959-98-8	Endosulfan-I	8.9	U	UG/KG		B5,3/7	
	1024-57-3	Heptachlor epoxide	14	U*	UG/KG		B5,3/7	
	5103-71-9	alpha-Chlordane	89	U	UG/KG		B5,3/7	
	5103-74-2	gamma-Chlordane	89	U	UG/KG		B5,3/7	
	8001-35-2	Toxaphene	470		UG/KG		B5,3/7	
	11097-69-1	Aroclor-1254	180	U	UG/KG		B5,3/7	
	11104-28-2	Aroclor-1221	320	U*	UG/KG		B5,3/7	
	11141-16-5	Aroclor-1232	320	U*	UG/KG		B5,3/7	
	12674-11-2	Aroclor-1016	150	U*	UG/KG		B5,3/7	
	12672-29-6	Aroclor-1248	130	U*	UG/KG		B5,3/7	
	11096-82-5	Aroclor-1260	180	U	UG/KG		B5,3/7	
	1031-07-8	Endosulfan sulfate	18	U	UG/KG		B5,3/7	
	319-85-7	beta-BHC	8.9	U	UG/KG		B5,3/7	
	72-43-5	Methoxychlor	160		UG/KG		B5,3/7	
	72-54-8	4,4'-DDD	18	U	UG/KG		B5,3/7	
	72-55-9	4,4'-DDE	18	U	UG/KG		B5,3/7	
	IT0-001	% Moisture	10		% MOISTURE		B5,3/7	
	76-44-8	Heptachlor	8.9	U	UG/KG		B5,3/7	
	60-57-1	Dieldrin	18	U	UG/KG		B5,3/7	
	72-20-8	Endrin	18	U	UG/KG		B5,3/7	
	58-89-9	gamma-BHC (Lindane)	45	U*	UG/KG		B5,3/7	

APPENDIX A
ANALYTICAL RESULTS

3 10 01170

SAMPLE NUMBER	PARAMETER CODE	COMPOUND/ANALYTE	RESULTS	QUALIFIER	UNITS	PRODUCT CODE	SAMPLE LOCATION	FLAG
	50-32-8	Benzo(a)pyrene	3700	U	UG/KG	ME 705	B5,3/7	TRG
	132-64-9	Dibenzofuran	3700	U	UG/KG		B5,3/7	
	193-39-5	Indeno(1,2,3-cd)pyrene	3700	U	UG/KG		B5,3/7	
	206-44-0	Fluoranthene	3700	U	UG/KG		B5,3/7	
	208-96-8	Acenaphthylene	3700	U	UG/KG		B5,3/7	
	534-52-1	4,6-Dinitro-2-methylphenol	18000	U	UG/KG		B5,3/7	
	606-20-2	2,6-Dinitrotoluene	3700	U	UG/KG		B5,3/7	
	7005-72-3	4-Chlorophenylphenyl ether	3700	U	UG/KG		B5,3/7	
	621-64-7	N-Nitroso-di-n-propylamine	3700	U	UG/KG		B5,3/7	
	541-73-1	1,3-Dichlorobenzene	3700	U	UG/KG		B5,3/7	
	218-01-9	Chrysene	3700	U	UG/KG		B5,3/7	
	207-08-9	Benzo(k)fluoranthene	3700	U	UG/KG		B5,3/7	
	205-99-2	Benzo(b)fluoranthene	3700	U	UG/KG		B5,3/7	
	191-24-2	Benzo(g,h,i)perylene	3700	U	UG/KG		B5,3/7	
	88-06-2	2,4,6-Trichlorophenol	3700	U	UG/KG		B5,3/7	
	88-75-5	2-Nitrophenol	3700	U	UG/KG		B5,3/7	
	91-20-3	Naphthalene	3900		UG/KG		B5,3/7	
	91-57-6	2-Methylnaphthalene	3700	U	UG/KG		B5,3/7	
	91-94-1	3,3'-Dichlorobenzidine	7300	U	UG/KG		B5,3/7	
	95-48-7	2-Methylphenol	74000	D*	UG/KG		B5,3/7	
	95-50-1	1,2-Dichlorobenzene	3700	U	UG/KG		B5,3/7	
	95-95-4	2,4,5-Trichlorophenol	18000	U	UG/KG		B5,3/7	
	98-95-3	Nitrobenzene	370	J	UG/KG		B5,3/7	
	99-09-2	3-Nitroaniline	18000	U	UG/KG		B5,3/7	
	100-01-6	4-Nitroaniline	18000	U	UG/KG		B5,3/7	
	100-02-7	4-Nitrophenol	18000	U	UG/KG		B5,3/7	
	100-51-6	Benzyl alcohol	200000	D*	UG/KG		B5,3/7	
	105-67-9	2,4-Dimethylphenol	3700	U	UG/KG		B5,3/7	
	106-44-5	4-Methylphenol	3000	J	UG/KG		B5,3/7	
	106-46-7	1,4-Dichlorobenzene	3700	U	UG/KG		B5,3/7	
	108-60-1	bis(2-Chloroisopropyl)ether	3700	U	UG/KG		B5,3/7	
	108-95-2	Phenol	4900000	D	UG/KG		B5,3/7	
	111-44-4	bis(2-Chloroethyl)ether	3700	U	UG/KG		B5,3/7	
	117-81-7	bis(2-Ethylhexyl) phthalate	1800	BJ	UG/KG		B5,3/7	
	117-84-0	Di-n-octyl phthalate	650	J	UG/KG		B5,3/7	
	118-74-1	Hexachlorobenzene	3700	U	UG/KG		B5,3/7	
	120-82-1	1,2,4-Trichlorobenzene	3700	U	UG/KG		B5,3/7	
	120-83-2	2,4-Dichlorophenol	80000	D*	UG/KG		B5,3/7	
	121-14-2	2,4-Dinitrotoluene	3700	U	UG/KG		B5,3/7	
	131-11-3	Dimethyl phthalate	3700	U	UG/KG		B5,3/7	
	129-00-0	Pyrene	3700	U	UG/KG		B5,3/7	
	120-12-7	Anthracene	3700	U	UG/KG		B5,3/7	
	111-91-1	bis(2-Chloroethoxy)methane	3700	U	UG/KG		B5,3/7	
	106-47-8	4-Chloroaniline	3700	U	UG/KG		B5,3/7	
	101-55-3	4-Bromophenyl phenyl ether	3700	U	UG/KG		B5,3/7	
	ITO-001	% Moisture	10		% MOISTURE		B5,3/7	
	95-57-8	2-Chlorophenol	1600000	D	UG/KG		B5,3/7	
	91-58-7	2-Chloronaphthalene	3700	U	UG/KG		B5,3/7	
	88-74-4	2-Nitroaniline	18000	U	UG/KG		B5,3/7	
	78-59-1	Isophorone	3700	U	UG/KG		B5,3/7	
	83-32-9	Acenaphthene	3700	U	UG/KG		B5,3/7	
	84-66-2	Diethyl phthalate	3700	U	UG/KG		B5,3/7	
	85-01-8	Phenanthrene	3700	U	UG/KG		B5,3/7	
	85-68-7	Butyl benzyl phthalate	3700	U	UG/KG		B5,3/7	
	86-30-6	N-Nitrosodiphenylamine	740	BJ	UG/KG		B5,3/7	
	86-73-7	Fluorene	3700	U	UG/KG		B5,3/7	

APPENDIX A
ANALYTICAL RESULTS

3 10 01171

SAMP NUM	PARAMETER CODE	COMPOUND/ANALYTE	RESULTS	QUALIFIER	UNITS	PRODUCT CODE	SAMPLE LOCATION	FLAG
	87-68-3	Hexachlorobutadiene	3700	U	UG/KG	ME 705	B5,3/7	TRG
	87-86-5	Pentachlorophenol	18000	U	UG/KG		B5,3/7	
	84-74-2	Di-n-butyl phthalate	3700	U	UG/KG		B5,3/7	
	59-50-7	4-Chloro-3-methylphenol	3700	U	UG/KG		B5,3/7	
	65-85-0	Benzoic acid	18000	U	UG/KG		B5,3/7	
	67-72-1	Hexachloroethane	1200	J	UG/KG		B5,3/7	
	77-47-4	Hexachlorocyclopentadiene	3700	U	UG/KG		B5,3/7	
	53-70-3	Dibenzo(a,h)anthracene	3700	U	UG/KG		B5,3/7	
	56-55-3	Benzo(a)anthracene	3700	U	UG/KG		B5,3/7	
	51-28-5	2,4-Dinitrophenol	18000	U	UG/KG		B5,3/7	
	56-23-5	Carbon Tetrachloride	4100	J	UG/KG	MV 705	B5,3/7	
	75-35-4	1,1-Dichloroethene	7000	U	UG/KG		B5,3/7	
	78-87-5	1,2-Dichloropropane	7000	U	UG/KG		B5,3/7	
	78-93-3	2-Butanone	89000		UG/KG		B5,3/7	
	79-00-5	1,1,2-Trichloroethane	7000	U	UG/KG		B5,3/7	
	79-01-6	Trichloroethene	25000		UG/KG		B5,3/7	
	79-34-5	1,1,2,2-Tetrachloroethane	2000000	D	UG/KG		B5,3/7	
	IT0-001	% Moisture	10		% MOISTURE		B5,3/7	
	100-41-4	Ethylbenzene	18000		UG/KG		B5,3/7	
	107-06-2	1,2-Dichloroethane	7000	U	UG/KG		B5,3/7	
	108-05-4	Vinyl Acetate	14000	U	UG/KG		B5,3/7	
	108-10-1	4-Methyl-2-pentanone	14000	U	UG/KG		B5,3/7	
	108-88-3	Toluene	340000	D	UG/KG		B5,3/7	
	108-90-7	Chlorobenzene	23000		UG/KG		B5,3/7	
	124-48-1	Dibromochloromethane	7000	U	UG/KG		B5,3/7	
	540-59-0	1,2-Dichloroethylene	7000	U	UG/KG		B5,3/7	
	591-78-6	2-Hexanone	14000	U	UG/KG		B5,3/7	
	1330-20-7	Total xylenes	62000		UG/KG		B5,3/7	
	10061-01-5	cis-1,3-Dichloropropene	7000	U	UG/KG		B5,3/7	
	10061-02-6	trans-1,3-Dichloropropene	7000	U	UG/KG		B5,3/7	
	127-18-4	Tetrachloroethene	95000		UG/KG		B5,3/7	
	100-42-5	Styrene	7000	U	UG/KG		B5,3/7	
	75-00-3	Chloroethane	14000	U	UG/KG		B5,3/7	
	75-01-4	Vinyl chloride	14000	U	UG/KG		B5,3/7	
	75-09-2	Methylene chloride	5100	BJ	UG/KG		B5,3/7	
	75-15-0	Carbon disulfide	7000	U	UG/KG		B5,3/7	
	75-25-2	Bromoform	7000	U	UG/KG		B5,3/7	
	75-27-4	Bromodichloromethane	7000	U	UG/KG		B5,3/7	
	75-34-3	1,1-Dichloroethane	7000	U	UG/KG		B5,3/7	
	67-66-3	Chloroform	11000	U	UG/KG		B5,3/7	
	71-43-2	Benzene	7000	U	UG/KG		B5,3/7	
	74-87-3	Chloromethane	14000	U	UG/KG		B5,3/7	
	74-83-9	Bromomethane	14000	U	UG/KG		B5,3/7	
	71-55-6	1,1,1-Trichloroethane	6800	J	UG/KG		B5,3/7	
	67-64-1	Acetone	160000		UG/KG		B5,3/7	
	57-12-5	Cyanide	.6	U	MG/KG	WW 037	B5,3/7	

3 10 01172

APPENDIX A
ANALYTICAL RESULTS

SAMP' NUME	PARAMETER CODE	COMPOUND/ANALYTE	RESULTS	QUALIFIER	UNITS	PRODUCT CODE	SAMPLE LOCATION	FLAG
3.	7439-92-1	Lead	3.5	N	MG/KG	AG 704	B5,3/7	TRG
	7782-49-2	Selenium	.4	UN	MG/KG		B5,3/7	
	7440-38-2	Arsenic	.3	UN	MG/KG		B5,3/7	
	7440-28-0	Thallium	.2	U	MG/KG		B5,3/7	
	ITO-003	% Solids	90.2		% SOLIDS	AP 706	B5,3/7	
	7440-66-6	Zinc	5.5	N	MG/KG		B5,3/7	
	7440-70-2	Calcium	447		MG/KG		B5,3/7	
	7439-89-6	Iron	8850	*	MG/KG		B5,3/7	
	7440-41-7	Beryllium	.2	B	MG/KG		B5,3/7	
	7440-43-9	Cadmium	.6	U	MG/KG		B5,3/7	
	7440-47-3	Chromium	15	N	MG/KG		B5,3/7	
	7440-48-4	Cobalt	2	U	MG/KG		B5,3/7	
	7440-62-2	Vanadium	22	N	MG/KG		B5,3/7	
	7440-50-8	Copper	22		MG/KG		B5,3/7	
	7440-39-3	Barium	35.9	B	MG/KG		B5,3/7	
	7440-36-0	Antimony	3	UN	MG/KG		B5,3/7	
	7440-23-5	Sodium	45		MG/KG		B5,3/7	
	7440-22-4	Silver	.6	UN	MG/KG		B5,3/7	
	7440-09-7	Potassium	199	B	MG/KG		B5,3/7	
	7440-02-0	Nickel	2	UN	MG/KG		B5,3/7	
	7439-96-5	Manganese	29.6	N	MG/KG		B5,3/7	
	7439-95-4	Magnesium	197		MG/KG		B5,3/7	
	7429-90-5	Aluminum	7320	*	MG/KG		B5,3/7	
	7439-97-6	Mercury	.37		MG/KG	AV 006	B5,3/7	
	50-29-3	4,4'-DDT	18	U	UG/KG	GC 723	B5,3/7	
	5103-71-9	alpha-Chlordane	88	U	UG/KG		B5,3/7	
	5103-74-2	gamma-Chlordane	88	U	UG/KG		B5,3/7	
	8001-35-2	Toxaphene	470		UG/KG		B5,3/7	
	11096-82-5	Aroclor-1260	180	U	UG/KG		B5,3/7	
	11097-69-1	Aroclor-1254	180	U	UG/KG		B5,3/7	
	11104-28-2	Aroclor-1221	360	U*	UG/KG		B5,3/7	
	11141-16-5	Aroclor-1232	320	U*	UG/KG		B5,3/7	
	12672-29-6	Aroclor-1248	120	U*	UG/KG		B5,3/7	
	12674-11-2	Aroclor-1016	150	U*	UG/KG		B5,3/7	
	33213-65-9	Endosulfan II	18	U	UG/KG		B5,3/7	
	53469-21-9	Aroclor-1242	180	U*	UG/KG		B5,3/7	
	53494-70-5	Endrin ketone	47		UG/KG		B5,3/7	
	72-43-5	Methoxychlor	130		UG/KG		B5,3/7	
	72-54-8	4,4'-DDD	18	U	UG/KG		B5,3/7	
	72-55-9	4,4'-DDE	18	U	UG/KG		B5,3/7	
	959-98-8	Endosulfan-I	8.8	U	UG/KG		B5,3/7	
	319-86-8	delta-BHC	89	U*	UG/KG		B5,3/7	
	1024-57-3	Heptachlor epoxide	16	U*	UG/KG		B5,3/7	
	1031-07-8	Endosulfan sulfate	18	U	UG/KG		B5,3/7	
	319-85-7	beta-BHC	8.8	U	UG/KG		B5,3/7	
	76-44-8	Heptachlor	86	DJ	UG/KG		B5,3/7	
	319-84-6	alpha-BHC	43	U*	UG/KG		B5,3/7	
	309-00-2	Aldrin	8.8	U	UG/KG		B5,3/7	
	ITO-001	% Moisture	9		% MOISTURE		B5,3/7	
	72-20-8	Endrin	18	U	UG/KG		B5,3/7	
	60-57-1	Dieldrin	18	U	UG/KG		B5,3/7	
	58-89-9	gamma-BHC (Lindane)	51	U*	UG/KG		B5,3/7	

3 10 01173

APPENDIX A
ANALYTICAL RESULTS

SAMPLE NU	PARAMETER CODE	COMPOUND/ANALYTE	RESULTS	QUALIFIER	UNITS	PRODUCT CODE	SAMPLE LOCATION	FLAG
-	50-32-8	Benzo(a)pyrene	1800	U	UG/KG	ME 705	B5,3/7	TRG
-	108-95-2	Phenol	6300000	D	UG/KG		B5,3/7	
	65-85-0	Benzoic acid	8800	U	UG/KG		B5,3/7	
	88-75-5	2-Nitrophenol	1800	U	UG/KG		B5,3/7	
	91-20-3	Naphthalene	1800	U	UG/KG		B5,3/7	
	91-57-6	2-Methylnaphthalene	1800	U	UG/KG		B5,3/7	
	111-44-4	bis(2-Chloroethyl)ether	1800	U	UG/KG		B5,3/7	
	111-91-1	bis(2-Chloroethoxy)methane	1800	U	UG/KG		B5,3/7	
	91-58-7	2-Chloronaphthalene	1800	U	UG/KG		B5,3/7	
	91-94-1	3,3'-Dichlorobenzidine	3600	U	UG/KG		B5,3/7	
	95-48-7	2-Methylphenol	120000	D*	UG/KG		B5,3/7	
	117-81-7	bis(2-Ethylhexyl) phthalate	1900	B	UG/KG		B5,3/7	
	117-84-0	Di-n-octyl phthalate	620	J	UG/KG		B5,3/7	
	120-12-7	Anthracene	1800	U	UG/KG		B5,3/7	
	120-82-1	1,2,4-Trichlorobenzene	1800	U	UG/KG		B5,3/7	
	120-83-2	2,4-Dichlorophenol	130000	D*	UG/KG		B5,3/7	
	129-00-0	Pyrene	1800	U	UG/KG		B5,3/7	
	131-11-3	Dimethyl phthalate	1800	U	UG/KG		B5,3/7	
	132-64-9	Dibenzofuran	1800	U	UG/KG		B5,3/7	
	193-39-5	Indeno(1,2,3-cd)pyrene	1800	U	UG/KG		B5,3/7	
	205-99-2	Benzo(b)fluoranthene	1800	U	UG/KG		B5,3/7	
	206-44-0	Fluoranthene	1800	U	UG/KG		B5,3/7	
	208-96-8	Acenaphthylene	1800	U	UG/KG		B5,3/7	
	218-01-9	Chrysene	1800	U	UG/KG		B5,3/7	
	534-52-1	4,6-Dinitro-2-methylphenol	8800	U	UG/KG		B5,3/7	
	606-20-2	2,6-Dinitrotoluene	1800	U	UG/KG		B5,3/7	
	621-64-7	N-Nitroso-di-n-propylamine	1800	U	UG/KG		B5,3/7	
	541-73-1	1,3-Dichlorobenzene	1800	U	UG/KG		B5,3/7	
	207-08-9	Benzo(k)fluoranthene	1800	U	UG/KG		B5,3/7	
	191-24-2	Benzo(g,h,i)perylene	1800	U	UG/KG		B5,3/7	
	121-14-2	2,4-Dinitrotoluene	1800	U	UG/KG		B5,3/7	
	118-74-1	Hexachlorobenzene	1800	U	UG/KG		B5,3/7	
	7005-72-3	4-Chlorophenylphenyl ether	1800	U	UG/KG		B5,3/7	
	95-50-1	1,2-Dichlorobenzene	1800	U	UG/KG		B5,3/7	
	95-57-8	2-Chlorophenol	2000000	D	UG/KG		B5,3/7	
	95-95-4	2,4,5-Trichlorophenol	200	J	UG/KG		B5,3/7	
	98-95-3	Nitrobenzene	320	J	UG/KG		B5,3/7	
	99-09-2	3-Nitroaniline	8800	U	UG/KG		B5,3/7	
	IT0-001	% Moisture	9		% MOISTURE		B5,3/7	
	100-01-6	4-Nitroaniline	8800	U	UG/KG		B5,3/7	
	101-55-3	4-Bromophenyl phenyl ether	1800	U	UG/KG		B5,3/7	
	105-67-9	2,4-Dimethylphenol	1800	U	UG/KG		B5,3/7	
	106-44-5	4-Methylphenol	3600		UG/KG		B5,3/7	
	106-46-7	1,4-Dichlorobenzene	1800	U	UG/KG		B5,3/7	
	106-47-8	4-Chloroaniline	1800	U	UG/KG		B5,3/7	
	108-60-1	bis(2-Chloroisopropyl)ether	1800	U	UG/KG		B5,3/7	
	100-51-6	Benzyl alcohol	330000	D*	UG/KG		B5,3/7	
	100-02-7	4-Nitrophenol	8800	U	UG/KG		B5,3/7	
	67-72-1	Hexachloroethane	1800	U	UG/KG		B5,3/7	
	77-47-4	Hexachlorocyclopentadiene	1800	U	UG/KG		B5,3/7	
	78-59-1	Isophorone	1800	U	UG/KG		B5,3/7	
	86-30-6	N-Nitrosodiphenylamine	820	BJ	UG/KG		B5,3/7	
	86-73-7	Fluorene	1800	U	UG/KG		B5,3/7	
	87-68-3	Hexachlorobutadiene	1800	U	UG/KG		B5,3/7	
	87-86-5	Pentachlorophenol	8800	U	UG/KG		B5,3/7	
	88-74-4	2-Nitroaniline	8800	U	UG/KG		B5,3/7	

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APPENDIX A
ANALYTICAL RESULTS

SAMP NUM	PARAMETER CODE	COMPOUND/ANALYTE	RESULTS	QUALIFIER	UNITS	PRODUCT CODE	SAMPLE LOCATION	FLAG
[illegible]	88-06-2	2,4,6-Trichlorophenol	280	J	UG/KG	ME 705	B5,3/7	TRG
	85-68-7	Butyl benzyl phthalate	1800	U	UG/KG		B5,3/7	
	85-01-8	Phenanthrene	1800	U	UG/KG		B5,3/7	
	84-74-2	Di-n-butyl phthalate	1800	U	UG/KG		B5,3/7	
	84-66-2	Diethyl phthalate	1800	U	UG/KG		B5,3/7	
	83-32-9	Acenaphthene	1800	U	UG/KG		B5,3/7	
	56-55-3	Benzo(a)anthracene	1800	U	UG/KG		B5,3/7	
	59-50-7	4-Chloro-3-methylphenol	1800	U	UG/KG		B5,3/7	
	53-70-3	Dibenzo(a,h)anthracene	1800	U	UG/KG		B5,3/7	
	51-28-5	2,4-Dinitrophenol	8800	U	UG/KG		B5,3/7	
	56-23-5	Carbon Tetrachloride	69000	U	UG/KG	MV 705	B5,3/7	
	75-15-0	Carbon disulfide	69000	U	UG/KG		B5,3/7	
	75-25-2	Bromoform	69000	U	UG/KG		B5,3/7	
	100-41-4	Ethylbenzene	14000	J	UG/KG		B5,3/7	
	100-42-5	Styrene	69000	U	UG/KG		B5,3/7	
	107-06-2	1,2-Dichloroethane	69000	U	UG/KG		B5,3/7	
	108-05-4	Vinyl Acetate	140000	U	UG/KG		B5,3/7	
	108-88-3	Toluene	340000		UG/KG		B5,3/7	
	108-10-1	4-Methyl-2-pentanone	140000	U	UG/KG		B5,3/7	
	75-27-4	Bromodichloromethane	69000	U	UG/KG		B5,3/7	
	108-90-7	Chlorobenzene	69000	U	UG/KG		B5,3/7	
	124-48-1	Dibromochloromethane	69000	U	UG/KG		B5,3/7	
	127-18-4	Tetrachloroethene	86000		UG/KG		B5,3/7	
	540-59-0	1,2-Dichloroethylene	69000	U	UG/KG		B5,3/7	
	591-78-6	2-Hexanone	140000	U	UG/KG		B5,3/7	
	1330-20-7	Total xylenes	46000	J	UG/KG		B5,3/7	
	10061-02-6	trans-1,3-Dichloropropene	69000	U	UG/KG		B5,3/7	
	10061-01-5	cis-1,3-Dichloropropene	69000	U	UG/KG		B5,3/7	
	75-34-3	1,1-Dichloroethane	69000	U	UG/KG		B5,3/7	
	75-35-4	1,1-Dichloroethene	69000	U	UG/KG		B5,3/7	
	78-87-5	1,2-Dichloropropane	69000	U	UG/KG		B5,3/7	
	78-93-3	2-Butanone	78000	J	UG/KG		B5,3/7	
	79-00-5	1,1,2-Trichloroethane	69000	U	UG/KG		B5,3/7	
	79-01-6	Trichloroethene	18000	J	UG/KG		B5,3/7	
	79-34-5	1,1,2,2-Tetrachloroethane	2300000		UG/KG		B5,3/7	
	IT0-001	% Moisture	9		% MOISTURE		B5,3/7	
	75-09-2	Methylene chloride	39000	BJ	UG/KG		B5,3/7	
	75-01-4	Vinyl chloride	140000	U	UG/KG		B5,3/7	
	67-66-3	Chloroform	69000	U	UG/KG		B5,3/7	
	75-00-3	Chloroethane	140000	U	UG/KG		B5,3/7	
	74-87-3	Chloromethane	140000	U	UG/KG		B5,3/7	
	74-83-9	Bromomethane	140000	U	UG/KG		B5,3/7	
	71-55-6	1,1,1-Trichloroethane	69000	U	UG/KG		B5,3/7	
	71-43-2	Benzene	69000	U	UG/KG		B5,3/7	
	67-64-1	Acetone	140000	U	UG/KG		B5,3/7	
	57-12-5	Cyanide	.6	U	MG/KG	WW 037	B5,3/7	

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APPENDIX A
ANALYTICAL RESULTS

SAMPLE NUM	PARAMETER CODE	COMPOUND/ANALYTE	RESULTS	QUALIFIER	UNITS	PRODUCT CODE	SAMPLE LOCATION	FLAG
	7439-92-1	Lead	2.9	N	MG/KG	AG 704	B5,7/11	TRG
	7440-38-2	Arsenic	2	UWN	MG/KG		B5,7/11	
	7782-49-2	Selenium	.4	UN	MG/KG		B5,7/11	
	7440-28-0	Thallium	.2	UW	MG/KG		B5,7/11	
	ITO-003	% Solids	89.6		% SOLIDS	AP 706	B5,7/11	
	7440-02-0	Nickel	3	BN	MG/KG		B5,7/11	
	7440-09-7	Potassium	167	B	MG/KG		B5,7/11	
	7440-22-4	Silver	.6	UN	MG/KG		B5,7/11	
	7440-23-5	Sodium	38	B	MG/KG		B5,7/11	
	7440-47-3	Chromium	8	N	MG/KG		B5,7/11	
	7440-48-4	Cobalt	2	U	MG/KG		B5,7/11	
	7440-50-8	Copper	16		MG/KG		B5,7/11	
	7440-62-2	Vanadium	24	N	MG/KG		B5,7/11	
	7440-70-2	Calcium	239	B	MG/KG		B5,7/11	
	7440-66-6	Zinc	7.8	N	MG/KG		B5,7/11	
	7440-43-9	Cadmium	.6	U	MG/KG		B5,7/11	
	7440-41-7	Beryllium	.2	B	MG/KG		B5,7/11	
	7440-39-3	Barium	22.7	B	MG/KG		B5,7/11	
	7440-36-0	Antimony	3	UN	MG/KG		B5,7/11	
	7439-95-4	Magnesium	236	B	MG/KG		B5,7/11	
	7439-96-5	Manganese	11.1	N	MG/KG		B5,7/11	
	7439-89-6	Iron	9540	*	MG/KG		B5,7/11	
	7429-90-5	Aluminum	13400	*	MG/KG		B5,7/11	
	7439-97-6	Mercury	.05		MG/KG	AV 006	B5,7/11	
	50-29-3	4,4'-DDT	18	U	UG/KG	GC 723	B5,7/11	
	5103-74-2	gamma-Chlordane	89	U	UG/KG		B5,7/11	
	8001-35-2	Toxaphene	180	U	UG/KG		B5,7/11	
	11096-82-5	Aroclor-1260	180	U	UG/KG		B5,7/11	
	11097-69-1	Aroclor-1254	180	U	UG/KG		B5,7/11	
	11104-28-2	Aroclor-1221	89	U	UG/KG		B5,7/11	
	11141-16-5	Aroclor-1232	89	U	UG/KG		B5,7/11	
	12672-29-6	Aroclor-1248	89	U	UG/KG		B5,7/11	
	33213-65-9	Endosulfan II	18	U	UG/KG		B5,7/11	
	53469-21-9	Aroclor-1242	89	U	UG/KG		B5,7/11	
	53494-70-5	Endrin ketone	18	U	UG/KG		B5,7/11	
	12674-11-2	Aroclor-1016	89	U	UG/KG		B5,7/11	
	ITO-001	% Moisture	11		% MOISTURE		B5,7/11	
	309-00-2	Aldrin	8.9	U	UG/KG		B5,7/11	
	319-84-6	alpha-BHC	8.9	U	UG/KG		B5,7/11	
	319-86-8	delta-BHC	8.9	U	UG/KG		B5,7/11	
	959-98-8	Endosulfan-I	8.9	U	UG/KG		B5,7/11	
	1024-57-3	Heptachlor epoxide	8.9	U	UG/KG		B5,7/11	
	1031-07-8	Endosulfan sulfate	18	U	UG/KG		B5,7/11	
	5103-71-9	alpha-Chlordane	89	U	UG/KG		B5,7/11	
	319-85-7	beta-BHC	8.9	U	UG/KG		B5,7/11	
	72-20-8	Endrin	18	U	UG/KG		B5,7/11	
	72-43-5	Methoxychlor	89	U	UG/KG		B5,7/11	
	72-54-8	4,4'-DDD	18	U	UG/KG		B5,7/11	
	72-55-9	4,4'-DDE	18	U	UG/KG		B5,7/11	
	76-44-8	Heptachlor	8.9	U	UG/KG		B5,7/11	
	60-57-1	Dieldrin	18	U	UG/KG		B5,7/11	
	58-89-9	gamma-BHC (Lindane)	8.9	U	UG/KG		B5,7/11	

3 10 01176

APPENDIX A
ANALYTICAL RESULTS

SAMPLE NUMB	PARAMETER CODE	COMPOUND/ANALYTE	RESULTS	QUALIFIER	UNITS	PRODUCT CODE	SAMPLE LOCATION	FLAG
J.	50-32-8	Benzo(a)pyrene	740	U	UG/KG	ME 705	B5,7/11	TRG
	56-55-3	Benzo(a)anthracene	740	U	UG/KG		B5,7/11	
	84-74-2	Di-n-butyl phthalate	740	U	UG/KG		B5,7/11	
	85-01-8	Phenanthrene	740	U	UG/KG		B5,7/11	
	106-44-5	4-Methylphenol	740	U	UG/KG		B5,7/11	
	106-46-7	1,4-Dichlorobenzene	740	U	UG/KG		B5,7/11	
	108-95-2	Phenol	450000	D	UG/KG		B5,7/11	
	111-44-4	bis(2-Chloroethyl)ether	740	U	UG/KG		B5,7/11	
	111-91-1	bis(2-Chloroethoxy)methane	740	U	UG/KG		B5,7/11	
	117-84-0	Di-n-octyl phthalate	740	U	UG/KG		B5,7/11	
	118-74-1	Hexachlorobenzene	740	U	UG/KG		B5,7/11	
	120-12-7	Anthracene	740	U	UG/KG		B5,7/11	
	120-83-2	2,4-Dichlorophenol	3300		UG/KG		B5,7/11	
	121-14-2	2,4-Dinitrotoluene	740	U	UG/KG		B5,7/11	
	129-00-0	Pyrene	740	U	UG/KG		B5,7/11	
	132-64-9	Dibenzofuran	740	U	UG/KG		B5,7/11	
	191-24-2	Benzo(g,h,i)perylene	740	U	UG/KG		B5,7/11	
	193-39-5	Indeno(1,2,3-cd)pyrene	740	U	UG/KG		B5,7/11	
	206-44-0	Fluoranthene	740	U	UG/KG		B5,7/11	
	207-08-9	Benzo(k)fluoranthene	740	U	UG/KG		B5,7/11	
	208-96-8	Acenaphthylene	740	U	UG/KG		B5,7/11	
	534-52-1	4,6-Dinitro-2-methylphenol	3600	U	UG/KG		B5,7/11	
	541-73-1	1,3-Dichlorobenzene	740	U	UG/KG		B5,7/11	
	606-20-2	2,6-Dinitrotoluene	740	U	UG/KG		B5,7/11	
	7005-72-3	4-Chlorophenylphenyl ether	740	U	UG/KG		B5,7/11	
	621-64-7	N-Nitroso-di-n-propylamine	740	U	UG/KG		B5,7/11	
	218-01-9	Chrysene	740	U	UG/KG		B5,7/11	
	205-99-2	Benzo(b)fluoranthene	740	U	UG/KG		B5,7/11	
	131-11-3	Dimethyl phthalate	740	U	UG/KG		B5,7/11	
	120-82-1	1,2,4-Trichlorobenzene	740	U	UG/KG		B5,7/11	
	117-81-7	bis(2-Ethylhexyl) phthalate	840	B	UG/KG		B5,7/11	
	108-60-1	bis(2-Chloroisopropyl)ether	740	U	UG/KG		B5,7/11	
	106-47-8	4-Chloroaniline	740	U	UG/KG		B5,7/11	
	91-57-6	2-Methylnaphthalene	740	U	UG/KG		B5,7/11	
	91-58-7	2-Chloronaphthalene	740	U	UG/KG		B5,7/11	
	85-68-7	Butyl benzyl phthalate	740	U	UG/KG		B5,7/11	
	91-94-1	3,3'-Dichlorobenzidine	1500	U	UG/KG		B5,7/11	
	86-30-6	N-Nitrosodiphenylamine	740	U	UG/KG		B5,7/11	
	95-48-7	2-Methylphenol	11000		UG/KG		B5,7/11	
	95-50-1	1,2-Dichlorobenzene	740	U	UG/KG		B5,7/11	
	95-57-8	2-Chlorophenol	67000	D	UG/KG		B5,7/11	
	86-73-7	Fluorene	740	U	UG/KG		B5,7/11	
	95-95-4	2,4,5-Trichlorophenol	3600	U	UG/KG		B5,7/11	
	98-95-3	Nitrobenzene	11000		UG/KG		B5,7/11	
	99-09-2	3-Nitroaniline	3600	U	UG/KG		B5,7/11	
	87-68-3	Hexachlorobutadiene	740	U	UG/KG		B5,7/11	
	ITO-001	% Moisture	11		% MOISTURE		B5,7/11	
	100-01-6	4-Nitroaniline	3600	U	UG/KG		B5,7/11	
	100-02-7	4-Nitrophenol	3600	U	UG/KG		B5,7/11	
	100-51-6	Benzyl alcohol	34000	D	UG/KG		B5,7/11	
	101-55-3	4-Bromophenyl phenyl ether	740	U	UG/KG		B5,7/11	
	105-67-9	2,4-Dimethylphenol	740	U	UG/KG		B5,7/11	
	87-86-5	Pentachlorophenol	3600	U	UG/KG		B5,7/11	
	88-06-2	2,4,6-Trichlorophenol	740	U	UG/KG		B5,7/11	
	88-74-4	2-Nitroaniline	3600	U	UG/KG		B5,7/11	
	88-75-5	2-Nitrophenol	740	U	UG/KG		B5,7/11	

3 10 01177

APPENDIX A
ANALYTICAL RESULTS

SAMPLE NUMBER	PARAMETER CODE	COMPOUND/ANALYTE	RESULTS	QUALIFIER	UNITS	PRODUCT CODE	SAMPLE LOCATION	FLAG
[redacted]	91-20-3	Naphthalene	740	U	UG/KG	ME 705	B5,7/11	TRG
	84-66-2	Diethyl phthalate	740	U	UG/KG		B5,7/11	
	59-50-7	4-Chloro-3-methylphenol	740	U	UG/KG		B5,7/11	
	65-85-0	Benzoic acid	3600	U	UG/KG		B5,7/11	
	83-32-9	Acenaphthene	740	U	UG/KG		B5,7/11	
	78-59-1	Isophorone	740	U	UG/KG		B5,7/11	
	77-47-4	Hexachlorocyclopentadiene	740	U	UG/KG		B5,7/11	
	67-72-1	Hexachloroethane	740	U	UG/KG		B5,7/11	
	53-70-3	Dibenzo(a,h)anthracene	740	U	UG/KG		B5,7/11	
	51-28-5	2,4-Dinitrophenol	3600	U	UG/KG		B5,7/11	
	56-23-5	Carbon Tetrachloride	7000	U	UG/KG	MV 705	B5,7/11	
	71-43-2	Benzene	7000	U	UG/KG		B5,7/11	
	75-15-0	Carbon disulfide	7000	U	UG/KG		B5,7/11	
	79-00-5	1,1,2-Trichloroethane	7000	U	UG/KG		B5,7/11	
	79-01-6	Trichloroethene	7000	U	UG/KG		B5,7/11	
	79-34-5	1,1,2,2-Tetrachloroethane	220000		UG/KG		B5,7/11	
	100-41-4	Ethylbenzene	7000	U	UG/KG		B5,7/11	
	ITO-001	% Moisture	11		% MOISTURE		B5,7/11	
	100-42-5	Styrene	7000	U	UG/KG		B5,7/11	
	107-06-2	1,2-Dichloroethane	7000	U	UG/KG		B5,7/11	
	108-05-4	Vinyl Acetate	14000	U	UG/KG		B5,7/11	
	75-09-2	Methylene chloride	6500	BJ	UG/KG		B5,7/11	
	108-10-1	4-Methyl-2-pentanone	14000	U	UG/KG		B5,7/11	
	108-88-3	Toluene	9600		UG/KG		B5,7/11	
	108-90-7	Chlorobenzene	7000	U	UG/KG		B5,7/11	
	127-18-4	Tetrachloroethene	7000	U	UG/KG		B5,7/11	
	540-59-0	1,2-Dichloroethylene	7000	U	UG/KG		B5,7/11	
	591-78-6	2-Hexanone	14000	U	UG/KG		B5,7/11	
	10061-01-5	cis-1,3-Dichloropropene	7000	U	UG/KG		B5,7/11	
	10061-02-6	trans-1,3-Dichloropropene	7000	U	UG/KG		B5,7/11	
	1330-20-7	Total xylenes	7000	U	UG/KG		B5,7/11	
	124-48-1	Dibromochloromethane	7000	U	UG/KG		B5,7/11	
	75-27-4	Bromodichloromethane	7000	U	UG/KG		B5,7/11	
	75-34-3	1,1-Dichloroethane	7000	U	UG/KG		B5,7/11	
	75-35-4	1,1-Dichloroethene	7000	U	UG/KG		B5,7/11	
	78-87-5	1,2-Dichloropropane	7000	U	UG/KG		B5,7/11	
	78-93-3	2-Butanone	14000		UG/KG		B5,7/11	
	75-25-2	Bromoform	7000	U	UG/KG		B5,7/11	
	71-55-6	1,1,1-Trichloroethane	7000	U	UG/KG		B5,7/11	
	74-83-9	Bromomethane	14000	U	UG/KG		B5,7/11	
	75-01-4	Vinyl chloride	14000	U	UG/KG		B5,7/11	
	75-00-3	Chloroethane	14000	U	UG/KG		B5,7/11	
	74-87-3	Chloromethane	14000	U	UG/KG		B5,7/11	
	67-66-3	Chloroform	7000	U	UG/KG		B5,7/11	
	67-64-1	Acetone	24000		UG/KG		B5,7/11	
	57-12-5	Cyanide	.6	U	MG/KG	WW 037	B5,7/11	

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APPENDIX A
ANALYTICAL RESULTS

SAMPLE NUMBER	PARAMETER CODE	COMPOUND/ANALYTE	RESULTS	QUALIFIER	UNITS	PRODUCT CODE	SAMPLE LOCATION	FLAG
[redacted]	7439-92-1	Lead	2	U	UG/LITER	AG 702	4A	TRG
	7440-38-2	Arsenic	2	U	UG/LITER		4A	
	7782-49-2	Selenium	8	UW	UG/LITER		4A	
	7440-28-0	Thallium	3	U	UG/LITER		4A	
	7429-90-5	Aluminum	2150		UG/LITER	AP 703	4A	
	7440-22-4	Silver	5	U	UG/LITER		4A	
	7440-36-0	Antimony	30	U	UG/LITER		4A	
	7440-41-7	Beryllium	1	U	UG/LITER		4A	
	7440-47-3	Chromium	10	U	UG/LITER		4A	
	7440-50-8	Copper	10	U	UG/LITER		4A	
	7440-66-6	Zinc	23		UG/LITER		4A	
	7440-70-2	Calcium	1810	B	UG/LITER		4A	
	7440-62-2	Vanadium	10	U	UG/LITER		4A	
	7440-48-4	Cobalt	20	U	UG/LITER		4A	
	7440-43-9	Cadmium	5	U	UG/LITER		4A	
	7440-39-3	Barium	115		UG/LITER		4A	
	7440-23-5	Sodium	16800		UG/LITER		4A	
	7440-09-7	Potassium	1000	U	UG/LITER		4A	
	7439-95-4	Magnesium	1400	B	UG/LITER		4A	
	7440-02-0	Nickel	20	U	UG/LITER		4A	
	7439-96-5	Manganese	40		UG/LITER		4A	
	7439-89-6	Iron	3400		UG/LITER		4A	
[redacted]	7439-97-6	Mercury	.3		UG/LITER	AV 002	4A	
	50-29-3	4,4'-DDT	.1	U	UG/LITER	GC 729	4A	
	53469-21-9	Aroclor-1242	.5	U	UG/LITER		4A	
	53494-70-5	Endrin ketone	.1	U	UG/LITER		4A	
	33213-65-9	Endosulfan II	.1	U	UG/LITER		4A	
	319-84-6	alpha-BHC	.05	U	UG/LITER		4A	
	319-85-7	beta-BHC	.05	U	UG/LITER		4A	
	319-86-8	delta-BHC	.05	U	UG/LITER		4A	
	1024-57-3	Heptachlor epoxide	.05	U	UG/LITER		4A	
	1031-07-8	Endosulfan sulfate	.1	U	UG/LITER		4A	
	5103-71-9	alpha-Chlordane	.5	U	UG/LITER		4A	
	8001-35-2	Toxaphene	1	U	UG/LITER		4A	
	11096-82-5	Aroclor-1260	1	U	UG/LITER		4A	
	11097-69-1	Aroclor-1254	1	U	UG/LITER		4A	
	11141-16-5	Aroclor-1232	.5	U	UG/LITER		4A	
	12672-29-6	Aroclor-1248	.5	U	UG/LITER		4A	
	12674-11-2	Aroclor-1016	.5	U	UG/LITER		4A	
	11104-28-2	Aroclor-1221	.5	U	UG/LITER		4A	
	5103-74-2	gamma-Chlordane	.5	U	UG/LITER		4A	
	959-98-8	Endosulfan-I	.05	U	UG/LITER		4A	
	309-00-2	Aldrin	.05	U	UG/LITER		4A	
	72-43-5	Methoxychlor	.5	U	UG/LITER		4A	
	72-54-8	4,4'-DDD	.1	U	UG/LITER		4A	
	72-55-9	4,4'-DDE	.1	U	UG/LITER		4A	
[redacted]	76-44-8	Heptachlor	.05	U	UG/LITER		4A	
	60-57-1	Dieldrin	.1	U	UG/LITER		4A	
	72-20-8	Endrin	.1	U	UG/LITER		4A	
	58-89-9	gamma-BHC (Lindane)	.05	U	UG/LITER		4A	
	50-32-8	Benzo(a)pyrene	10	U	UG/LITER	ME 702	4A	
	131-11-3	Dimethyl phthalate	10	U	UG/LITER		4A	

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APPENDIX A
ANALYTICAL RESULTS

SAMPLE NUMBER	PARAMETER CODE	COMPOUND/ANALYTE	RESULTS	QUALIFIER	UNITS	PRODUCT CODE	SAMPLE LOCATION	FLAG
	191-24-2	Benzo(g,h,i)perylene	10	U	UG/LITER	ME 702	4A	TRG
	205-99-2	Benzo(b)fluoranthene	10	U	UG/LITER		4A	
	207-08-9	Benzo(k)fluoranthene	10	U	UG/LITER		4A	
	218-01-9	Chrysene	10	U	UG/LITER		4A	
	541-73-1	1,3-Dichlorobenzene	10	U	UG/LITER		4A	
	621-64-7	N-Nitroso-di-n-propylamine	10	U	UG/LITER		4A	
	7005-72-3	4-Chlorophenylphenyl ether	10	U	UG/LITER		4A	
	606-20-2	2,6-Dinitrotoluene	10	U	UG/LITER		4A	
	534-52-1	4,6-Dinitro-2-methylphenol	50	U	UG/LITER		4A	
	208-96-8	Acenaphthylene	10	U	UG/LITER		4A	
	206-44-0	Fluoranthene	10	U	UG/LITER		4A	
	193-39-5	Indeno(1,2,3-cd)pyrene	10	U	UG/LITER		4A	
	132-64-9	Dibenzofuran	10	U	UG/LITER		4A	
	88-06-2	2,4,6-Trichlorophenol	10	U	UG/LITER		4A	
	88-74-4	2-Nitroaniline	50	U	UG/LITER		4A	
	88-75-5	2-Nitrophenol	10	U	UG/LITER		4A	
	91-57-6	2-Methylnaphthalene	10	U	UG/LITER		4A	
	91-58-7	2-Chloronaphthalene	10	U	UG/LITER		4A	
	91-94-1	3,3'-Dichlorobenzidine	20	U	UG/LITER		4A	
	95-50-1	1,2-Dichlorobenzene	4	J	UG/LITER		4A	
	95-57-8	2-Chlorophenol	10	U	UG/LITER		4A	
	95-95-4	2,4,5-Trichlorophenol	50	U	UG/LITER		4A	
	99-09-2	3-Nitroaniline	50	U	UG/LITER		4A	
	100-01-6	4-Nitroaniline	50	U	UG/LITER		4A	
	100-02-7	4-Nitrophenol	50	U	UG/LITER		4A	
	101-55-3	4-Bromophenyl phenyl ether	10	U	UG/LITER		4A	
	105-67-9	2,4-Dimethylphenol	10	U	UG/LITER		4A	
	106-44-5	4-Methylphenol	10	U	UG/LITER		4A	
	106-47-8	4-Chloroaniline	10	U	UG/LITER		4A	
	108-60-1	bis(2-Chloroisopropyl)ether	10	U	UG/LITER		4A	
	108-95-2	Phenol	10	U	UG/LITER		4A	
	111-91-1	bis(2-Chloroethoxy)methane	10	U	UG/LITER		4A	
	117-81-7	bis(2-Ethylhexyl) phthalate	10	U	UG/LITER		4A	
	117-84-0	Di-n-octyl phthalate	10	U	UG/LITER		4A	
	120-12-7	Anthracene	10	U	UG/LITER		4A	
	120-82-1	1,2,4-Trichlorobenzene	10	U	UG/LITER		4A	
	120-83-2	2,4-Dichlorophenol	10	U	UG/LITER		4A	
	129-00-0	Pyrene	10	U	UG/LITER		4A	
	121-14-2	2,4-Dinitrotoluene	10	U	UG/LITER		4A	
	118-74-1	Hexachlorobenzene	10	U	UG/LITER		4A	
	111-44-4	bis(2-Chloroethyl)ether	10	U	UG/LITER		4A	
	106-46-7	1,4-Dichlorobenzene	10	U	UG/LITER		4A	
	100-51-6	Benzyl alcohol	10	U	UG/LITER		4A	
	98-95-3	Nitrobenzene	10	U	UG/LITER		4A	
	95-48-7	2-Methylphenol	10	U	UG/LITER		4A	
	91-20-3	Naphthalene	10	U	UG/LITER		4A	
	87-86-5	Pentachlorophenol	50	U	UG/LITER		4A	
	78-59-1	Isophorone	10	U	UG/LITER		4A	
	83-32-9	Acenaphthene	10	U	UG/LITER		4A	
	84-66-2	Diethyl phthalate	10	U	UG/LITER		4A	
	84-74-2	Di-n-butyl phthalate	10	U	UG/LITER		4A	
	85-01-8	Phenanthrene	10	U	UG/LITER		4A	
	86-30-6	N-Nitrosodiphenylamine	10	U	UG/LITER		4A	
	86-73-7	Fluorene	10	U	UG/LITER		4A	
	87-68-3	Hexachlorobutadiene	10	U	UG/LITER		4A	
	85-68-7	Butyl benzyl phthalate	10	U	UG/LITER		4A	

APPENDIX A
ANALYTICAL RESULTS

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SAMPLE NUM	PARAMETER CODE	COMPOUND/ANALYTE	RESULTS	QUALIFIER	UNITS	PRODUCT CODE	SAMPLE LOCATION	FLAG
-	59-50-7	4-Chloro-3-methylphenol	10	U	UG/LITER	ME 702	4A	TRG
	65-85-0	Benzoic acid	50	U	UG/LITER		4A	
	67-72-1	Hexachloroethane	10	U	UG/LITER		4A	
	77-47-4	Hexachlorocyclopentadiene	10	U	UG/LITER		4A	
	53-70-3	Dibenzo(a,h)anthracene	10	U	UG/LITER		4A	
	56-55-3	Benzo(a)anthracene	10	U	UG/LITER		4A	
	51-28-5	2,4-Dinitrophenol	50	U	UG/LITER		4A	
	56-23-5	Carbon Tetrachloride	190		UG/LITER	MV 702	4A	
	67-66-3	Chloroform	1700	D	UG/LITER		4A	
	75-35-4	1,1-Dichloroethene	64		UG/LITER		4A	
	78-87-5	1,2-Dichloropropane	50	U	UG/LITER		4A	
	79-00-5	1,1,2-Trichloroethane	50	U	UG/LITER		4A	
	79-01-6	Trichloroethene	220		UG/LITER		4A	
	79-34-5	1,1,2,2-Tetrachloroethane	440		UG/LITER		4A	
	100-41-4	Ethylbenzene	50	U	UG/LITER		4A	
	100-42-5	Styrene	50	U	UG/LITER		4A	
	107-06-2	1,2-Dichloroethane	50	U	UG/LITER		4A	
	108-05-4	Vinyl Acetate	100	U	UG/LITER		4A	
	108-10-1	4-Methyl-2-pentanone	100	U	UG/LITER		4A	
	108-90-7	Chlorobenzene	50	U	UG/LITER		4A	
	124-48-1	Dibromochloromethane	50	U	UG/LITER		4A	
	127-18-4	Tetrachloroethene	50	U	UG/LITER		4A	
	540-59-0	1,2-Dichloroethylene	130		UG/LITER		4A	
	591-78-6	2-Hexanone	100	U	UG/LITER		4A	
	1330-20-7	Total xylenes	50	U	UG/LITER		4A	
	10061-02-6	trans-1,3-Dichloropropene	50	U	UG/LITER		4A	
	10061-01-5	cis-1,3-Dichloropropene	50	U	UG/LITER		4A	
	108-88-3	Toluene	50	U	UG/LITER		4A	
	78-93-3	2-Butanone	100	U	UG/LITER		4A	
	75-00-3	Chloroethane	100	U	UG/LITER		4A	
	75-01-4	Vinyl chloride	100	U	UG/LITER		4A	
	75-15-0	Carbon disulfide	50	U	UG/LITER		4A	
	75-25-2	Bromoform	50	U	UG/LITER		4A	
	75-27-4	Bromodichloromethane	50	U	UG/LITER		4A	
	75-34-3	1,1-Dichloroethane	75		UG/LITER		4A	
	75-09-2	Methylene chloride	35	J	UG/LITER		4A	
	71-43-2	Benzene	50	U	UG/LITER		4A	
	74-87-3	Chloromethane	100	U	UG/LITER		4A	
	74-83-9	Bromomethane	100	U	UG/LITER		4A	
	71-55-6	1,1,1-Trichloroethane	130		UG/LITER		4A	
	67-64-1	Acetone	53	BJ	UG/LITER		4A	
	57-12-5	Cyanide	10	U	UG/LITER	WW 034	4A	

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APPENDIX A
ANALYTICAL RESULTS

SAMP NUM	PARAMETER CODE	COMPOUND/ANALYTE	RESULTS	QUALIFIER	UNITS	PRODUCT CODE	SAMPLE LOCATION	FLAG
	7439-92-1	Lead	2	U	UG/LITER	AG 702	4B	TRG
	7782-49-2	Selenium	6	UW	UG/LITER		4B	
	7440-38-2	Arsenic	2	U	UG/LITER		4B	
	7440-28-0	Thallium	2	U	UG/LITER		4B	
	7429-90-5	Aluminum	51	B	UG/LITER	AP 703	4B	
	7440-41-7	Beryllium	1	U	UG/LITER		4B	
	7440-43-9	Cadmium	5	U	UG/LITER		4B	
	7440-47-3	Chromium	10	U	UG/LITER		4B	
	7440-48-4	Cobalt	20	U	UG/LITER		4B	
	7440-62-2	Vanadium	10	U	UG/LITER		4B	
	7440-50-8	Copper	10	U	UG/LITER		4B	
	7440-66-6	Zinc	9	B	UG/LITER		4B	
	7440-70-2	Calcium	4990	B	UG/LITER		4B	
	7440-39-3	Barium	62	B	UG/LITER		4B	
	7440-36-0	Antimony	30	U	UG/LITER		4B	
	7440-23-5	Sodium	6000		UG/LITER		4B	
	7440-22-4	Silver	5	U	UG/LITER		4B	
	7439-96-5	Manganese	80		UG/LITER		4B	
	7440-02-0	Nickel	20	U	UG/LITER		4B	
	7440-09-7	Potassium	2330	B	UG/LITER		4B	
	7439-95-4	Magnesium	1760	B	UG/LITER		4B	
	7439-89-6	Iron	17	B	UG/LITER		4B	
	7439-97-6	Mercury	.3		UG/LITER	AV 002	4B	
	50-29-3	4,4'-DDT	.1	U	UG/LITER	GC 720	4B	
	72-20-8	Endrin	.1	U	UG/LITER		4B	
	72-43-5	Methoxychlor	.5	U	UG/LITER		4B	
	11104-28-2	Aroclor-1221	.5	U	UG/LITER		4B	
	11141-16-5	Aroclor-1232	.5	U	UG/LITER		4B	
	72-54-8	4,4'-DDD	.1	U	UG/LITER		4B	
	12672-29-6	Aroclor-1248	.5	U	UG/LITER		4B	
	12674-11-2	Aroclor-1016	.5	U	UG/LITER		4B	
	33213-65-9	Endosulfan II	.1	U	UG/LITER		4B	
	53469-21-9	Aroclor-1242	.5	U	UG/LITER		4B	
	53494-70-5	Endrin ketone	.1	U	UG/LITER		4B	
	1024-57-3	Heptachlor epoxide	.05	U	UG/LITER		4B	
	1031-07-8	Endosulfan sulfate	.1	U	UG/LITER		4B	
	5103-71-9	alpha-Chlordane	.5	U	UG/LITER		4B	
	5103-74-2	gamma-Chlordane	.5	U	UG/LITER		4B	
	11096-82-5	Aroclor-1260	1	U	UG/LITER		4B	
	11097-69-1	Aroclor-1254	1	U	UG/LITER		4B	
	8001-35-2	Toxaphene	1	U	UG/LITER		4B	
	959-98-8	Endosulfan-I	.05	U	UG/LITER		4B	
	319-86-8	delta-BHC	.05	U	UG/LITER		4B	
	72-55-9	4,4'-DDE	.1	U	UG/LITER		4B	
	319-85-7	beta-BHC	.05	U	UG/LITER		4B	
	319-84-6	alpha-BHC	.05	U	UG/LITER		4B	
	309-00-2	Aldrin	.05	U	UG/LITER		4B	
	76-44-8	Heptachlor	.05	U	UG/LITER		4B	
	60-57-1	Dieldrin	.1	U	UG/LITER		4B	
	58-89-9	gamma-BHC (Lindane)	.05	U	UG/LITER		4B	
	50-32-8	Benzo(a)pyrene	10	U	UG/LITER	ME 702	4B	
	53-70-3	Dibenzo(a,h)anthracene	10	U	UG/LITER		4B	

3 10 01182

APPENDIX A
ANALYTICAL RESULTS

SAMP' NUME	PARAMETER CODE	COMPOUND/ANALYTE	RESULTS	QUALIFIER	UNITS	PRODUCT CODE	SAMPLE LOCATION	FLAG
	84-66-2	**Diethyl phthalate**	10	U	UG/LITER	ME 702	4B	TRG
	84-74-2	Di-n-butyl phthalate	10	U	UG/LITER		4B	
	108-95-2	Phenol	10	U	UG/LITER		4B	
	111-44-4	bis(2-Chloroethyl)ether	10	U	UG/LITER		4B	
	111-91-1	bis(2-Chloroethoxy)methane	10	U	UG/LITER		4B	
	117-81-7	bis(2-Ethylhexyl) phthalate	10	U	UG/LITER		4B	
	91-20-3	Naphthalene	10	U	UG/LITER		4B	
	91-57-6	2-Methylnaphthalene	10	U	UG/LITER		4B	
	117-84-0	Di-n-octyl phthalate	10	U	UG/LITER		4B	
	118-74-1	Hexachlorobenzene	10	U	UG/LITER		4B	
	120-82-1	1,2,4-Trichlorobenzene	10	U	UG/LITER		4B	
	120-83-2	2,4-Dichlorophenol	10	U	UG/LITER		4B	
	121-14-2	2,4-Dinitrotoluene	10	U	UG/LITER		4B	
	131-11-3	Dimethyl phthalate	10	U	UG/LITER		4B	
	132-64-9	Dibenzofuran	10	U	UG/LITER		4B	
	191-24-2	Benzo(g,h,i)perylene	10	U	UG/LITER		4B	
	205-99-2	Benzo(b)fluoranthene	10	U	UG/LITER		4B	
	206-44-0	Fluorantnene	10	U	UG/LITER		4B	
	207-08-9	Benzo(k)fluoranthene	10	U	UG/LITER		4B	
	218-01-9	Chrysene	10	U	UG/LITER		4B	
	208-96-8	Acenaphthylene	10	U	UG/LITER		4B	
	193-39-5	Indeno(1,2,3-cd)pyrene	10	U	UG/LITER		4B	
	534-52-1	4,6-Dinitro-2-methylphenol	50	U	UG/LITER		4B	
	541-73-1	1,3-Dichlorobenzene	10	U	UG/LITER		4B	
	606-20-2	2,6-Dinitrotoluene	10	U	UG/LITER		4B	
	621-64-7	N-Nitroso-di-n-propylamine	10	U	UG/LITER		4B	
	7005-72-3	4-Chlorophenylphenyl ether	10	U	UG/LITER		4B	
	129-00-0	Pyrene	10	U	UG/LITER		4B	
	120-12-7	Anthracene	10	U	UG/LITER		4B	
	91-58-7	2-Chloronaphthalene	10	U	UG/LITER		4B	
	91-94-1	3,3'-Dichlorobenzidine	20	U	UG/LITER		4B	
	95-48-7	2-Methylphenol	10	U	UG/LITER		4B	
	95-50-1	1,2-Dichlorobenzene	10	U	UG/LITER		4B	
	95-57-8	2-Chlorophenol	10	U	UG/LITER		4B	
	95-95-4	2,4,5-Trichlorophenol	50	U	UG/LITER		4B	
	98-95-3	Nitrobenzene	10	U	UG/LITER		4B	
	99-09-2	3-Nitroaniline	50	U	UG/LITER		4B	
	100-01-6	4-Nitroaniline	50	U	UG/LITER		4B	
	100-02-7	**4-Nitrophenol**	50	U	UG/LITER		4B	
	100-51-6	**Benzyl alcohol**	10	U	UG/LITER		4B	
	106-44-5	**4-Methylphenol**	10	U	UG/LITER		4B	
	106-46-7	1,4-Dichlorobenzene	10	U	UG/LITER		4B	
	105-67-9	2,4-Dimethylphenol	10	U	UG/LITER		4B	
	106-47-8	4-Chloroaniline	10	U	UG/LITER		4B	
	108-60-1	bis(2-Chloroisopropyl)ether	10	U	UG/LITER		4B	
	101-55-3	4-Bromophenyl phenyl ether	10	U	UG/LITER		4B	
	85-01-8	Phenanthrene	10	U	UG/LITER		4B	
	85-68-7	Butyl benzyl phthalate	10	U	UG/LITER		4B	
	86-73-7	Fluorene	10	U	UG/LITER		4B	
	87-68-3	Hexachlorobutadiene	10	U	UG/LITER		4B	
	87-86-5	Pentachlorophenol	50	U	UG/LITER		4B	
	88-06-2	2,4,6-Trichlorophenol	10	U	UG/LITER		4B	
	88-74-4	2-Nitroaniline	50	U	UG/LITER		4B	
	88-75-5	2-Nitrophenol	10	U	UG/LITER		4B	
	86-30-6	N-Nitrosodiphenylamine	10	U	UG/LITER		4B	
	83-32-9	Acenaphthene	10	U	UG/LITER		4B	

3 10 01183

APPENDIX A
ANALYTICAL RESULTS

SAMPLE NUMBER	PARAMETER CODE	COMPOUND/ANALYTE	RESULTS	QUALIFIER	UNITS	PRODUCT CODE	SAMPLE LOCATION	FLAG
3	78-59-1	Isophorone	10	U	UG/LITER	ME 702	4B	TRG
	56-55-3	Benzo(a)anthracene	10	U	UG/LITER		4B	
	77-47-4	Hexachlorocyclopentadiene	10	U	UG/LITER		4B	
	67-72-1	Hexachloroethane	10	U	UG/LITER		4B	
	65-85-0	Benzoic acid	50	U	UG/LITER		4B	
	59-50-7	4-Chloro-3-methylphenol	10	U	UG/LITER		4B	
	51-28-5	2,4-Dinitrophenol	50	U	UG/LITER		4B	
	56-23-5	Carbon Tetrachloride	130		UG/LITER	MV 702	4B	
	75-01-4	Vinyl chloride	100	U	UG/LITER		4B	
	79-01-6	Trichloroethene	100		UG/LITER		4B	
	79-34-5	1,1,2,2-Tetrachloroethane	78		UG/LITER		4B	
	100-41-4	Ethylbenzene	50	U	UG/LITER		4B	
	100-42-5	Styrene	50	U	UG/LITER		4B	
	107-06-2	1,2-Dichloroethane	50	U	UG/LITER		4B	
	75-09-2	Methylene chloride	22	J	UG/LITER		4B	
	108-05-4	Vinyl Acetate	100	U	UG/LITER		4B	
	108-10-1	4-Methyl-2-pentanone	100	U	UG/LITER		4B	
	108-88-3	Toluene	50	U	UG/LITER		4B	
	108-90-7	Chlorobenzene	50	U	UG/LITER		4B	
	124-48-1	Dibromochloromethane	50	U	UG/LITER		4B	
	127-18-4	Tetrachloroethene	36	J	UG/LITER		4B	
	540-59-0	1,2-Dichloroethylene	57		UG/LITER		4B	
	10061-01-5	cis-1,3-Dichloropropene	50	U	UG/LITER		4B	
	10061-02-6	trans-1,3-Dichloropropene	50	U	UG/LITER		4B	
	1330-20-7	Total xylenes	50	U	UG/LITER		4B	
	591-78-6	2-Hexanone	100	U	UG/LITER		4B	
	75-15-0	Carbon disulfide	50	U	UG/LITER		4B	
	75-25-2	Bromoform	50	U	UG/LITER		4B	
	75-27-4	Bromodichloromethane	50	U	UG/LITER		4B	
	75-34-3	1,1-Dichloroethane	74		UG/LITER		4B	
	75-35-4	1,1-Dichloroethene	65		UG/LITER		4B	
	78-87-5	1,2-Dichloropropane	50	U	UG/LITER		4B	
	79-00-5	1,1,2-Trichloroethane	50	U	UG/LITER		4B	
	78-93-3	2-Butanone	100	U	UG/LITER		4B	
	67-66-3	Chloroform	2000	E	UG/LITER		4B	
	71-43-2	Benzene	50	U	UG/LITER		4B	
	75-00-3	Chloroethane	100	U	UG/LITER		4B	
	74-87-3	Chloromethane	100	U	UG/LITER		4B	
	74-83-9	Bromomethane	100	U	UG/LITER		4B	
	71-55-6	1,1,1-Trichloroethane	110		UG/LITER		4B	
	67-64-1	Acetone	65	BJ	UG/LITER		4B	
	57-12-5	Cyanide	10	U	UG/LITER	WW 034	4B	

3 10 01184

APPENDIX A
ANALYTICAL RESULTS

SAMP NUM	PARAMETER CODE	COMPOUND/ANALYTE	RESULTS	QUALIFIER	UNITS	PRODUCT CODE	SAMPLE LOCATION	FLAG
.4	7439-92-1	Lead	12		UG/LITER	AG 702	12A	TRG
	7782-49-2	Selenium	40	UW	UG/LITER		12A	
	7440-38-2	Arsenic	2	UW	UG/LITER		12A	
	7440-28-0	Thallium	2	U	UG/LITER		12A	
	7429-90-5	Aluminum	11900		UG/LITER	AP 703	12A	
	7440-02-0	Nickel	20	U	UG/LITER		12A	
	7440-09-7	Potassium	2040	B	UG/LITER		12A	
	7440-22-4	Silver	5	U	UG/LITER		12A	
	7440-23-5	Sodium	9350		UG/LITER		12A	
	7440-50-8	Copper	18	B	UG/LITER		12A	
	7440-62-2	Vanadium	43		UG/LITER		12A	
	7440-70-2	Calcium	2060	B	UG/LITER		12A	
	7440-66-6	Zinc	40		UG/LITER		12A	
	7440-48-4	Cobalt	20	U	UG/LITER		12A	
	7440-36-0	Antimony	30	U	UG/LITER		12A	
	7440-47-3	Chromium	13		UG/LITER		12A	
	7440-43-9	Cadmium	5	U	UG/LITER		12A	
	7440-41-7	Beryllium	3	B	UG/LITER		12A	
	7440-39-3	Barium	266		UG/LITER		12A	
	7439-95-4	Magnesium	1600	B	UG/LITER		12A	
	7439-96-5	Manganese	97		UG/LITER		12A	
	7439-89-6	Iron	13000		UG/LITER		12A	
	7439-97-6	Mercury	.2	U	UG/LITER	AV 002	12A	
	50-29-3	4,4'-DDT	.1	U	UG/LITER	GC 720	12A	
	5103-74-2	gamma-Chlordane	.5	U	UG/LITER		12A	
	8001-35-2	Toxaphene	1	U	UG/LITER		12A	
	11096-82-5	Aroclor-1260	1	U	UG/LITER		12A	
	11097-69-1	Aroclor-1254	1	U	UG/LITER		12A	
	11104-28-2	Aroclor-1221	.5	U	UG/LITER		12A	
	76-44-8	Heptachlor	.05	U	UG/LITER		12A	
	11141-16-5	Aroclor-1232	.5	U	UG/LITER		12A	
	12672-29-6	Aroclor-1248	.5	U	UG/LITER		12A	
	12674-11-2	Aroclor-1016	.5	U	UG/LITER		12A	
	33213-65-9	Endosulfan II	.1	U	UG/LITER		12A	
	53469-21-9	Aroclor-1242	.5	U	UG/LITER		12A	
	53494-70-5	Endrin ketone	.1	U	UG/LITER		12A	
	309-00-2	Aldrin	.05	U	UG/LITER		12A	
	319-84-6	alpha-BHC	.05	U	UG/LITER		12A	
	319-86-8	delta-BHC	.05	U	UG/LITER		12A	
	959-98-8	Endosulfan-I	.05	U	UG/LITER		12A	
	1024-57-3	Heptachlor epoxide	.05	U	UG/LITER		12A	
	1031-07-8	Endosulfan sulfate	.1	U	UG/LITER		12A	
	5103-71-9	alpha-Chlordane	.5	U	UG/LITER		12A	
	319-85-7	beta-BHC	.05	U	UG/LITER		12A	
	72-20-8	Endrin	.1	U	UG/LITER		12A	
	72-43-5	Methoxychlor	.5	U	UG/LITER		12A	
	72-54-8	4,4'-DDD	.1	U	UG/LITER		12A	
	72-55-9	4,4'-DDE	.1	U	UG/LITER		12A	
	60-57-1	Dieldrin	.1	U	UG/LITER		12A	
	58-89-9	gamma-BHC (Lindane)	.05	U	UG/LITER		12A	
	50-32-8	Benzo(a)pyrene	10	U	UG/LITER	ME 702	12A	
	56-55-3	Benzo(a)anthracene	10	U	UG/LITER		12A	

APPENDIX A
ANALYTICAL RESULTS

3 10 01185

SAMPLE NUMBER	PARAMETER CODE	COMPOUND/ANALYTE	RESULTS	QUALIFIER	UNITS	PRODUCT CODE	SAMPLE LOCATION	FLAG
	105-67-9	2,4-Dimethylphenol	10	U	UG/LITER	ME 702	12A	TRG
	106-44-5	4-Methylphenol	10	U	UG/LITER		12A	
	108-60-1	bis(2-Chloroisopropyl)ether	10	U	UG/LITER		12A	
	108-95-2	Phenol	10	U	UG/LITER		12A	
	111-44-4	bis(2-Chloroethyl)ether	10	U	UG/LITER		12A	
	117-81-7	bis(2-Ethylhexyl) phthalate	10	U	UG/LITER		12A	
	117-84-0	Di-n-octyl phthalate	10	U	UG/LITER		12A	
	118-74-1	Hexachlorobenzene	10	U	UG/LITER		12A	
	120-82-1	1,2,4-Trichlorobenzene	10	U	UG/LITER		12A	
	120-83-2	2,4-Dichlorophenol	10	U	UG/LITER		12A	
	121-14-2	2,4-Dinitrotoluene	10	U	UG/LITER		12A	
	131-11-3	Dimethyl phthalate	10	U	UG/LITER		12A	
	132-64-9	Dibenzofuran	10	U	UG/LITER		12A	
	191-24-2	Benzo(g,h,i)perylene	10	U	UG/LITER		12A	
	205-99-2	Benzo(b)fluoranthene	10	U	UG/LITER		12A	
	206-44-0	Fluoranthene	10	U	UG/LITER		12A	
	207-08-9	Benzo(k)fluoranthene	10	U	UG/LITER		12A	
	218-01-9	Chrysene	10	U	UG/LITER		12A	
	534-52-1	4,6-Dinitro-2-methylphenol	50	U	UG/LITER		12A	
	541-73-1	1,3-Dichlorobenzene	10	U	UG/LITER		12A	
	621-64-7	N-Nitroso-di-n-propylamine	10	U	UG/LITER		12A	
	7005-72-3	4-Chlorophenylphenyl ether	10	U	UG/LITER		12A	
	606-20-2	2,6-Dinitrotoluene	10	U	UG/LITER		12A	
	208-96-8	Acenaphthylene	10	U	UG/LITER		12A	
	193-39-5	Indeno(1,2,3-cd)pyrene	10	U	UG/LITER		12A	
	129-00-0	Pyrene	10	U	UG/LITER		12A	
	120-12-7	Anthracene	10	U	UG/LITER		12A	
	111-91-1	bis(2-Chloroethoxy)methane	10	U	UG/LITER		12A	
	106-47-8	4-Chloroaniline	10	U	UG/LITER		12A	
	106-46-7	1,4-Dichlorobenzene	10	U	UG/LITER		12A	
	59-50-7	4-Chloro-3-methylphenol	10	U	UG/LITER		12A	
	65-85-0	Benzoic acid	50	U	UG/LITER		12A	
	85-68-7	Butyl benzyl phthalate	10	U	UG/LITER		12A	
	91-94-1	3,3'-Dichlorobenzidine	20	U	UG/LITER		12A	
	95-48-7	2-Methylphenol	10	U	UG/LITER		12A	
	95-50-1	1,2-Dichlorobenzene	10	U	UG/LITER		12A	
	95-57-8	2-Chlorophenol	10	U	UG/LITER		12A	
	86-30-6	N-Nitrosodiphenylamine	10	U	UG/LITER		12A	
	95-95-4	2,4,5-Trichlorophenol	50	U	UG/LITER		12A	
	98-95-3	Nitrobenzene	10	U	UG/LITER		12A	
	86-73-7	Fluorene	10	U	UG/LITER		12A	
	87-68-3	Hexachlorobutadiene	10	U	UG/LITER		12A	
	99-09-2	3-Nitroaniline	50	U	UG/LITER		12A	
	87-86-5	Pentachlorophenol	50	U	UG/LITER		12A	
	88-06-2	2,4,6-Trichlorophenol	10	U	UG/LITER		12A	
	100-01-6	4-Nitroaniline	50	U	UG/LITER		12A	
	100-02-7	4-Nitrophenol	50	U	UG/LITER		12A	
	100-51-6	Benzyl alcohol	10	U	UG/LITER		12A	
	101-55-3	4-Bromophenyl phenyl ether	10	U	UG/LITER		12A	
	88-74-4	2-Nitroaniline	50	U	UG/LITER		12A	
	88-75-5	2-Nitrophenol	10	U	UG/LITER		12A	
	91-20-3	Naphthalene	10	U	UG/LITER		12A	
	91-58-7	2-Chloronaphthalene	10	U	UG/LITER		12A	
	91-57-6	2-Methylnaphthalene	10	U	UG/LITER		12A	
	85-01-8	Phenanthrene	10	U	UG/LITER		12A	
	84-74-2	Di-n-butyl phthalate	10	U	UG/LITER		12A	

APPENDIX A
ANALYTICAL RESULTS

3 10 01186

SAMPLE NUMBER	PARAMETER CODE	COMPOUND/ANALYTE	RESULTS	QUALIFIER	UNITS	PRODUCT CODE	SAMPLE LOCATION	FLAG
J.	67-72-1	**Hexachloroethane**	10	U	UG/LITER	ME 702	12A	TRG
	84-66-2	Diethyl phthalate	10	U	UG/LITER		12A	
	83-32-9	**Acenaphthene**	10	U	UG/LITER		12A	
	78-59-1	Isophorone	10	U	UG/LITER		12A	
	77-47-4	Hexachlorocyclopentadiene	10	U	UG/LITER		12A	
	53-70-3	Dibenzo(a,h)anthracene	10	U	UG/LITER		12A	
	51-28-5	2,4-Dinitrophenol	50	U	UG/LITER		12A	
	56-23-5	Carbon Tetrachloride	5	U	UG/LITER	MV 702	12A	
	67-66-3	Chloroform	3	J	UG/LITER		12A	
	71-43-2	Benzene	5	U	UG/LITER		12A	
	75-15-0	Carbon disulfide	5	U	UG/LITER		12A	
	100-42-5	Styrene	5	U	UG/LITER		12A	
	75-35-4	1,1-Dichloroethene	5	U	UG/LITER		12A	
	75-34-3	1,1-Dichloroethane	5	U	UG/LITER		12A	
	107-06-2	1,2-Dichloroethane	5	U	UG/LITER		12A	
	108-05-4	Vinyl Acetate	10	U	UG/LITER		12A	
	108-10-1	4-Methyl-2-pentanone	10	U	UG/LITER		12A	
	108-88-3	Toluene	5	U	UG/LITER		12A	
	108-90-7	Chlorobenzene	5	U	UG/LITER		12A	
	540-59-0	1,2-Dichloroethylene	5	U	UG/LITER		12A	
	591-78-6	2-Hexanone	10	U	UG/LITER		12A	
	1330-20-7	Total xylenes	5	U	UG/LITER		12A	
	10061-01-5	cis-1,3-Dichloropropene	5	U	UG/LITER		12A	
	10061-02-6	trans-1,3-Dichloropropene	5	U	UG/LITER		12A	
	127-18-4	Tetrachlorethene	5	U	UG/LITER		12A	
	124-48-1	Dibromochloromethane	5	U	UG/LITER		12A	
	78-93-3	2-Butanone	10	U	UG/LITER		12A	
	79-00-5	1,1,2-Trichloroethane	5	U	UG/LITER		12A	
	79-01-6	Trichloroethene	5	U	UG/LITER		12A	
	79-34-5	1,1,2,2-Tetrachloroethane	5	U	UG/LITER		12A	
	100-41-4	Ethylbenzene	5	U	UG/LITER		12A	
	78-87-5	1,2-Dichloropropane	5	U	UG/LITER		12A	
	75-27-4	Bromodichloromethane	5	U	UG/LITER		12A	
	75-25-2	Bromoform	5	U	UG/LITER		12A	
	75-09-2	Methylene chloride	5	U	UG/LITER		12A	
	75-01-4	Vinyl chloride	10	U	UG/LITER		12A	
	75-00-3	**Chloroethane**	10	U	UG/LITER		12A	
	74-87-3	**Chloromethane**	10	U	UG/LITER		12A	
	74-83-9	**Bromomethane**	10	U	UG/LITER		12A	
	71-55-6	1,1,1-Trichloroethane	5	U	UG/LITER		12A	
	67-64-1	Acetone	54	B	UG/LITER		12A	
	57-12-5	Cyanide	10	U	UG/LITER	WW 034	12A	

3 10 01187

APPENDIX A
ANALYTICAL RESULTS

SAMP NUM	PARAMETER CODE	COMPOUND/ANALYTE	RESULTS	QUALIFIER	UNITS	PRODUCT CODE	SAMPLE LOCATION	FLAG
	7439-92-1	Lead	2	U	UG/LITER	AG 702	12B	TRG
	7782-49-2	Selenium	6	UW	UG/LITER		12B	
	7440-38-2	Arsenic	2	U	UG/LITER		12B	
	7440-28-0	Thallium	2	U	UG/LITER		12B	
	7429-90-5	Aluminum	396		UG/LITER	AP 703	12B	
	7439-96-5	Manganese	101		UG/LITER		12B	
	7440-02-0	Nickel	20	U	UG/LITER		12B	
	7440-48-4	Cobalt	20	U	UG/LITER		12B	
	7440-50-8	Copper	10	U	UG/LITER		12B	
	7440-62-2	Vanadium	10	U	UG/LITER		12B	
	7440-66-6	Zinc	20		UG/LITER		12B	
	7440-70-2	Calcium	5200		UG/LITER		12B	
	7440-47-3	Chromium	10	U	UG/LITER		12B	
	7440-43-9	Cadmium	5	U	UG/LITER		12B	
	7440-09-7	Potassium	2370	B	UG/LITER		12B	
	7440-41-7	Beryllium	1	U	UG/LITER		12B	
	7440-39-3	Barium	114	B	UG/LITER		12B	
	7440-36-0	Antimony	30	U	UG/LITER		12B	
	7440-23-5	Sodium	5640		UG/LITER		12B	
	7440-22-4	Silver	5	U	UG/LITER		12B	
	7439-95-4	Magnesium	1990	B	UG/LITER		12B	
	7439-89-6	Iron	103		UG/LITER		12B	
	7439-97-6	Mercury	.2	U	UG/LITER	AV 002	12B	
	50-29-3	4,4'-DDT	.1	U	UG/LITER	GC 720	12B	
	76-44-8	Heptachlor	.05	U	UG/LITER		12B	
	11104-28-2	Aroclor-1221	.5	U	UG/LITER		12B	
	11141-16-5	Aroclor-1232	.5	U	UG/LITER		12B	
	12672-29-6	Aroclor-1248	.5	U	UG/LITER		12B	
	12674-11-2	Aroclor-1016	.5	U	UG/LITER		12B	
	33213-65-9	Endosulfan II	.1	U	UG/LITER		12B	
	53469-21-9	Aroclor-1242	.5	U	UG/LITER		12B	
	53494-70-5	Endrin ketone	.1	U	UG/LITER		12B	
	1024-57-3	Heptachlor epoxide	.05	U	UG/LITER		12B	
	1031-07-8	Endosulfan sulfate	.1	U	UG/LITER		12B	
	959-98-8	Endosulfan-I	.05	U	UG/LITER		12B	
	5103-71-9	alpha-Chlordane	.5	U	UG/LITER		12B	
	5103-74-2	gamma-Chlordane	.5	U	UG/LITER		12B	
	8001-35-2	Toxaphene	1	U	UG/LITER		12B	
	11096-82-5	Aroclor-1260	1	U	UG/LITER		12B	
	11097-69-1	Aroclor-1254	1	U	UG/LITER		12B	
	319-86-8	delta-BHC	.05	U	UG/LITER		12B	
	319-85-7	beta-BHC	.05	U	UG/LITER		12B	
	319-84-6	alpha-BHC	.05	U	UG/LITER		12B	
	309-00-2	Aldrin	.05	U	UG/LITER		12B	
	72-43-5	Methoxychlor	.5	U	UG/LITER		12B	
	72-54-8	4,4'-DDD	.1	U	UG/LITER		12B	
	72-55-9	4,4'-DDE	.1	U	UG/LITER		12B	
	60-57-1	Dieldrin	.1	U	UG/LITER		12B	
	72-20-8	Endrin	.1	U	UG/LITER		12B	
	58-89-9	gamma-BHC (Lindane)	.05	U	UG/LITER		12B	
	50-32-8	Benzo(a)pyrene	10	U	UG/LITER	ME 702	12B	
	105-67-9	2,4-Dimethylphenol	10	U	UG/LITER		12B	

3 10 01188

APPENDIX A
ANALYTICAL RESULTS

SAMP NUM	PARAMETER CODE	COMPOUND/ANALYTE	RESULTS	QUALIFIER	UNITS	PRODUCT CODE	SAMPLE LOCATION	FLAG
	106-44-5	4-Methylphenol	10	U	UG/LITER	ME 702	12B	TRG
	106-46-7	1,4-Dichlorobenzene	10	U	UG/LITER		12B	
	108-60-1	bis(2-Chloroisopropyl)ether	10	U	UG/LITER		12B	
	108-95-2	Phenol	10	U	UG/LITER		12B	
	111-44-4	bis(2-Chloroethyl)ether	10	U	UG/LITER		12B	
	117-81-7	bis(2-Ethylhexyl) phthalate	10	U	UG/LITER		12B	
	117-84-0	Di-n-octyl phthalate	10	U	UG/LITER		12B	
	118-74-1	Hexachlorobenzene	10	U	UG/LITER		12B	
	120-82-1	1,2,4-Trichlorobenzene	10	U	UG/LITER		12B	
	120-83-2	2,4-Dichlorophenol	10	U	UG/LITER		12B	
	121-14-2	2,4-Dinitrotoluene	10	U	UG/LITER		12B	
	131-11-3	Dimethyl phthalate	10	U	UG/LITER		12B	
	132-64-9	Dibenzofuran	10	U	UG/LITER		12B	
	191-24-2	Benzo(g,h,i)perylene	10	U	UG/LITER		12B	
	205-99-2	Benzo(b)fluoranthene	10	U	UG/LITER		12B	
	206-44-0	Fluoranthene	10	U	UG/LITER		12B	
	207-08-9	Benzo(k)fluoranthene	10	U	UG/LITER		12B	
	218-01-9	Chrysene	10	U	UG/LITER		12B	
	534-52-1	4,6-Dinitro-2-methylphenol	50	U	UG/LITER		12B	
	541-73-1	1,3-Dichlorobenzene	10	U	UG/LITER		12B	
	621-64-7	N-Nitroso-di-n-propylamine	10	U	UG/LITER		12B	
	7005-72-3	4-Chlorophenylphenyl ether	10	U	UG/LITER		12B	
	606-20-2	2,6-Dinitrotoluene	10	U	UG/LITER		12B	
	208-96-8	Acenaphthylene	10	U	UG/LITER		12B	
	193-39-5	Indeno(1,2,3-cd)pyrene	10	U	UG/LITER		12B	
	129-00-0	Pyrene	10	U	UG/LITER		12B	
	120-12-7	Anthracene	10	U	UG/LITER		12B	
	111-91-1	bis(2-Chloroethoxy)methane	10	U	UG/LITER		12B	
	106-47-8	4-Chloroaniline	10	U	UG/LITER		12B	
	56-55-3	Benzo(a)anthracene	10	U	UG/LITER		12B	
	59-50-7	4-Chloro-3-methylphenol	10	U	UG/LITER		12B	
	85-01-8	Phenanthrene	10	U	UG/LITER		12B	
	85-68-7	Butyl benzyl phthalate	10	U	UG/LITER		12B	
	91-94-1	3,3'-Dichlorobenzidine	20	U	UG/LITER		12B	
	95-48-7	2-Methylphenol	10	U	UG/LITER		12B	
	95-50-1	1,2-Dichlorobenzene	10	U	UG/LITER		12B	
	86-30-6	N-Nitrosodiphenylamine	10	U	UG/LITER		12B	
	95-57-8	2-Chlorophenol	10	U	UG/LITER		12B	
	95-95-4	2,4,5-Trichlorophenol	50	U	UG/LITER		12B	
	98-95-3	Nitrobenzene	10	U	UG/LITER		12B	
	86-73-7	Fluorene	10	U	UG/LITER		12B	
	99-09-2	3-Nitroaniline	50	U	UG/LITER		12B	
	100-01-6	4-Nitroaniline	50	U	UG/LITER		12B	
	87-68-3	Hexachlorobutadiene	10	U	UG/LITER		12B	
	87-86-5	Pentachlorophenol	50	U	UG/LITER		12B	
	100-02-7	4-Nitrophenol	50	U	UG/LITER		12B	
	88-06-2	2,4,6-Trichlorophenol	10	U	UG/LITER		12B	
	100-51-6	Benzyl alcohol	10	U	UG/LITER		12B	
	101-55-3	4-Bromophenyl phenyl ether	10	U	UG/LITER		12B	
	88-74-4	2-Nitroaniline	50	U	UG/LITER		12B	
	88-75-5	2-Nitrophenol	10	U	UG/LITER		12B	
	91-20-3	Naphthalene	10	U	UG/LITER		12B	
	91-58-7	2-Chloronaphthalene	10	U	UG/LITER		12B	
	91-57-6	2-Methylnaphthalene	10	U	UG/LITER		12B	
	84-74-2	Di-n-butyl phthalate	10	U	UG/LITER		12B	
	65-85-0	Benzoic acid	50	U	UG/LITER		12B	

3 10 01189

APPENDIX A
ANALYTICAL RESULTS

SAMPLE NUM	PARAMETER CODE	COMPOUND/ANALYTE	RESULTS	QUALIFIER	UNITS	PRODUCT CODE	SAMPLE LOCATION	FLAG
	67-72-1	Hexachloroethane	10	U	UG/LITER	ME 702	12B	TRG
	84-66-2	Diethyl phthalate	10	U	UG/LITER		12B	
	83-32-9	Acenaphthene	10	U	UG/LITER		12B	
	78-59-1	Isophorone	10	U	UG/LITER		12B	
	77-47-4	Hexachlorocyclopentadiene	10	U	UG/LITER		12B	
	53-70-3	Dibenzo(a,h)anthracene	10	U	UG/LITER		12B	
	51-28-5	2,4-Dinitrophenol	50	U	UG/LITER		12B	
	56-23-5	Carbon Tetrachloride	25		UG/LITER	MV 702	12B	
	67-66-3	Chloroform	2	J	UG/LITER		12B	
	71-43-2	Benzene	5	U	UG/LITER		12B	
	79-01-6	Trichloroethene	5	U	UG/LITER		12B	
	79-34-5	1,1,2,2-Tetrachloroethane	5	U	UG/LITER		12B	
	100-41-4	Ethylbenzene	5	U	UG/LITER		12B	
	107-06-2	1,2-Dichloroethane	5	U	UG/LITER		12B	
	100-42-5	Styrene	5	U	UG/LITER		12B	
	108-05-4	Vinyl Acetate	10	U	UG/LITER		12B	
	108-10-1	4-Methyl-2-pentanone	10	U	UG/LITER		12B	
	108-88-3	Toluene	5	U	UG/LITER		12B	
	108-90-7	Chlorobenzene	5	U	UG/LITER		12B	
	124-48-1	Dibromochloromethane	5	U	UG/LITER		12B	
	127-18-4	Tetrachloroethene	27		UG/LITER		12B	
	10061-01-5	cis-1,3-Dichloropropene	5	U	UG/LITER		12B	
	10061-02-6	trans-1,3-Dichloropropene	5	U	UG/LITER		12B	
	1330-20-7	Total xylenes	5	U	UG/LITER		12B	
	591-78-6	2-Hexanone	10	U	UG/LITER		12B	
	540-59-0	1,2-Dichloroethylene	5	U	UG/LITER		12B	
	75-25-2	Bromoform	5	U	UG/LITER		12B	
	75-15-0	Carbon disulfide	5	U	UG/LITER		12B	
	75-34-3	1,1-Dichloroethane	5	U	UG/LITER		12B	
	75-35-4	1,1-Dichloroethene	1	J	UG/LITER		12B	
	78-87-5	1,2-Dichloropropane	5	U	UG/LITER		12B	
	78-93-3	2-Butanone	10	U	UG/LITER		12B	
	79-00-5	1,1,2-Trichloroetnane	5	U	UG/LITER		12B	
	75-27-4	Bromodichloromethane	5	U	UG/LITER		12B	
	74-87-3	Chloromethane	10	U	UG/LITER		12B	
	74-83-9	Bromomethane	10	U	UG/LITER		12B	
	75-09-2	Methylene chloride	5	U	UG/LITER		12B	
	75-01-4	Vinyl chloride	10	U	UG/LITER		12B	
	75-00-3	Chloroethane	10	U	UG/LITER		12B	
	71-55-6	1,1,1-Trichloroethane	5		UG/LITER		12B	
	67-64-1	Acetone	17	B	UG/LITER		12B	
	57-12-5	Cyanide	10	U	UG/LITER	WW 034	12B	

3 10 01190

APPENDIX A
ANALYTICAL RESULTS

SAMPLE NUMB	PARAMETER CODE	COMPOUND/ANALYTE	RESULTS	QUALIFIER	UNITS	PRODUCT CODE	SAMPLE LOCATION	FLAG
	7439-92-1	Lead	11	U	UG/LITER	AG 702	7B	TRG
	7440-38-2	Arsenic	2	UW	UG/LITER		7B	
	7782-49-2	Selenium	2	U	UG/LITER		7B	
	7440-28-0	Thallium	2	UW	UG/LITER		7B	
	7429-90-5	Aluminum	330		UG/LITER	AP 703	7B	
	7440-22-4	Silver	5	U	UG/LITER		7B	
	7440-36-0	Antimony	30	U	UG/LITER		7B	
	7440-41-7	Beryllium	1	U	UG/LITER		7B	
	7440-47-3	Chromium	10	U	UG/LITER		7B	
	7440-50-8	Copper	10	U	UG/LITER		7B	
	7440-66-6	Zinc	25		UG/LITER		7B	
	7440-70-2	Calcium	5610		UG/LITER		7B	
	7440-62-2	Vanadium	10	U	UG/LITER		7B	
	7440-48-4	Cobalt	49	B	UG/LITER		7B	
	7440-43-9	Cadmium	6		UG/LITER		7B	
	7440-39-3	Barium	77	B	UG/LITER		7B	
	7440-23-5	Sodium	7210		UG/LITER		7B	
	7440-09-7	Potassium	2170	B	UG/LITER		7B	
	7439-95-4	Magnesium	1660	B	UG/LITER		7B	
	7440-02-0	Nickel	20	U	UG/LITER		7B	
	7439-96-5	Manganese	126		UG/LITER		7B	
	7439-89-6	Iron	43	B	UG/LITER		7B	
	7439-97-6	Mercury	.2	U	UG/LITER	AV 002	7B	
	50-32-8	Benzo(a)pyrene	10	U	UG/LITER	ME 702	7B	
	95-48-7	2-Methylphenol	10	U	UG/LITER		7B	
	95-57-8	2-Chlorophenol	10	U	UG/LITER		7B	
	98-95-3	Nitrobenzene	10	U	UG/LITER		7B	
	100-01-6	4-Nitroaniline	50	U	UG/LITER		7B	
	100-51-6	Benzyl alcohol	10	U	UG/LITER		7B	
	105-67-9	2,4-Dimethylphenol	10	U	UG/LITER		7B	
	106-46-7	1,4-Dichlorobenzene	10	U	UG/LITER		7B	
	108-60-1	bis(2-Chloroisopropyl)ether	10	U	UG/LITER		7B	
	111-44-4	bis(2-Chloroethyl)ether	10	U	UG/LITER		7B	
	117-81-7	bis(2-Ethylhexyl) phthalate	10	U	UG/LITER		7B	
	118-74-1	Hexachlorobenzene	10	U	UG/LITER		7B	
	120-82-1	1,2,4-Trichlorobenzene	10	U	UG/LITER		7B	
	121-14-2	2,4-Dinitrotoluene	10	U	UG/LITER		7B	
	131-11-3	Dimethyl phthalate	10	U	UG/LITER		7B	
	191-24-2	Benzo(g,h,i)perylene	10	U	UG/LITER		7B	
	205-99-2	Benzo(b)fluoranthene	10	U	UG/LITER		7B	
	207-08-9	Benzo(k)fluoranthene	10	U	UG/LITER		7B	
	218-01-9	Chrysene	10	U	UG/LITER		7B	
	541-73-1	1,3-Dichlorobenzene	10	U	UG/LITER		7B	
	621-64-7	N-Nitroso-di-n-propylamine	10	U	UG/LITER		7B	
	7005-72-3	4-Chlorophenylphenyl ether	10	U	UG/LITER		7B	
	606-20-2	2,6-Dinitrotoluene	10	U	UG/LITER		7B	
	534-52-1	4,6-Dinitro-2-methylphenol	50	U	UG/LITER		7B	
	208-96-8	Acenaphthylene	10	U	UG/LITER		7B	
	206-44-0	Fluoranthene	10	U	UG/LITER		7B	
	193-39-5	Indeno(1,2,3-cd)pyrene	10	U	UG/LITER		7B	
	132-64-9	Dibenzofuran	10	U	UG/LITER		7B	
	129-00-0	Pyrene	10	U	UG/LITER		7B	
	120-83-2	2,4-Dichlorophenol	10	U	UG/LITER		7B	

3 10 01191

APPENDIX A
ANALYTICAL RESULTS

SAMPLE NUMB.	PARAMETER CODE	COMPOUND/ANALYTE	RESULTS	QUALIFIER	UNITS	PRODUCT CODE	SAMPLE LOCATION	FLAG
	120-12-7	Anthracene	10	U	UG/LITER	ME 702	7B	TRG
	117-84-0	Di-n-octyl phthalate	10	U	UG/LITER		7B	
	111-91-1	bis(2-Chloroethoxy)methane	10	U	UG/LITER		7B	
	108-95-2	Phenol	10	U	UG/LITER		7B	
	106-47-8	4-Chloroaniline	10	U	UG/LITER		7B	
	106-44-5	4-Methylphenol	10	U	UG/LITER		7B	
	101-55-3	4-Bromophenyl phenyl ether	10	U	UG/LITER		7B	
	100-02-7	4-Nitrophenol	50	U	UG/LITER		7B	
	99-09-2	3-Nitroaniline	50	U	UG/LITER		7B	
	95-95-4	2,4,5-Trichlorophenol	50	U	UG/LITER		7B	
	95-50-1	1,2-Dichlorobenzene	10	U	UG/LITER		7B	
	91-94-1	3,3'-Dichlorobenzidine	20	U	UG/LITER		7B	
	83-32-9	Acenaphthene	10	U	UG/LITER		7B	
	84-66-2	Diethyl phthalate	10	U	UG/LITER		7B	
	84-74-2	Di-n-butyl phthalate	10	U	UG/LITER		7B	
	85-68-7	Butyl benzyl phthalate	10	U	UG/LITER		7B	
	86-30-6	N-Nitrosodiphenylamine	4	BJ	UG/LITER		7B	
	86-73-7	Fluorene	10	U	UG/LITER		7B	
	87-86-5	Pentachlorophenol	50	U	UG/LITER		7B	
	88-06-2	2,4,6-Trichlorophenol	10	U	UG/LITER		7B	
	88-74-4	2-Nitroaniline	50	U	UG/LITER		7B	
	91-20-3	Naphthalene	10	U	UG/LITER		7B	
	91-57-6	2-Methylnaphthalene	10	U	UG/LITER		7B	
	91-58-7	2-Chloronaphthalene	10	U	UG/LITER		7B	
	88-75-5	2-Nitrophenol	10	U	UG/LITER		7B	
	87-68-3	Hexachlorobutadiene	10	U	UG/LITER		7B	
	85-01-8	Phenanthrene	10	U	UG/LITER		7B	
	78-59-1	Isophorone	10	U	UG/LITER		7B	
	59-50-7	4-Chloro-3-methylphenol	10	U	UG/LITER		7B	
	65-85-0	Benzoic acid	50	U	UG/LITER		7B	
	67-72-1	Hexachloroethane	10	U	UG/LITER		7B	
	77-47-4	Hexachlorocyclopentadiene	10	U	UG/LITER		7B	
	53-70-3	Dibenzo(a,h)anthracene	10	U	UG/LITER		7B	
	56-55-3	Benzo(a)anthracene	10	U	UG/LITER		7B	
	51-28-5	2,4-Dinitrophenol	50	U	UG/LITER		7B	
	56-23-5	Carbon Tetrachloride	5	U	UG/LITER	MV 702	7B	
	74-83-9	Bromomethane	10	U	UG/LITER		7B	
	124-48-1	Dibromochloromethane	5	U	UG/LITER		7B	
	540-59-0	1,2-Dichloroethylene	5	U	UG/LITER		7B	
	591-78-6	2-Hexanone	10	U	UG/LITER		7B	
	1330-20-7	Total xylenes	5	U	UG/LITER		7B	
	10061-02-6	trans-1,3-Dichloropropene	5	U	UG/LITER		7B	
	10061-01-5	cis-1,3-Dichloropropene	5	U	UG/LITER		7B	
	127-18-4	Tetrachloroethene	5	U	UG/LITER		7B	
	75-27-4	Bromodichloromethane	5	U	UG/LITER		7B	
	75-35-4	1,1-Dichloroethene	5	U	UG/LITER		7B	
	78-87-5	1,2-Dichloropropane	5	U	UG/LITER		7B	
	78-93-3	2-Butanone	10	U	UG/LITER		7B	
	79-00-5	1,1,2-Trichloroethane	5	U	UG/LITER		7B	
	79-01-6	Trichloroethene	5	U	UG/LITER		7B	
	79-34-5	1,1,2,2-Tetrachloroethane	5	U	UG/LITER		7B	
	100-41-4	Ethylbenzene	5	U	UG/LITER		7B	
	100-42-5	Styrene	5	U	UG/LITER		7B	
	108-05-4	Vinyl Acetate	10	U	UG/LITER		7B	
	108-10-1	4-Methyl-2-pentanone	10	U	UG/LITER		7B	

APPENDIX A
ANALYTICAL RESULTS

3 10 01192

SAMPLE NUMBER	PARAMETER CODE	COMPOUND/ANALYTE	RESULTS	QUALIFIER	UNITS	PRODUCT CODE	SAMPLE LOCATION	FLAG
	108-88-3	Toluene	5	U	UG/LITER	MV 702	7B	TRG
	108-90-7	Chlorobenzene	5	U	UG/LITER		7B	
	107-06-2	1,2-Dichloroethane	5	U	UG/LITER		7B	
	75-34-3	1,1-Dichloroethane	5	U	UG/LITER		7B	
	75-00-3	Chloroethane	10	U	UG/LITER		7B	
	75-01-4	Vinyl chloride	10	U	UG/LITER		7B	
	75-09-2	Methylene chloride	5	U	UG/LITER		7B	
	75-15-0	Carbon disulfide	5	U	UG/LITER		7B	
	75-25-2	Bromoform	5	U	UG/LITER		7B	
	74-87-3	Chloromethane	10	U	UG/LITER		7B	
	67-66-3	Chloroform	1	J	UG/LITER		7B	
	71-55-6	1,1,1-Trichloroethane	5	U	UG/LITER		7B	
	71-43-2	Benzene	5	U	UG/LITER		7B	
	67-64-1	Acetone	12	B	UG/LITER		7B	
	57-12-5	Cyanide	10	U	UG/LITER	WW 034	7B	

3 10 01193

APPENDIX A
ANALYTICAL RESULTS

SAMPLE NUM	PARAMETER CODE	COMPOUND/ANALYTE	RESULTS	QUALIFIER	UNITS	PRODUCT CODE	SAMPLE LOCATION	FLAG
	7439-92-1	Lead	2	U	UG/LITER	AG 702	7B	TRG
	7782-49-2	Selenium	5	B	UG/LITER		7B	
	7440-38-2	Arsenic	2	UW	UG/LITER		7B	
	7440-28-0	Thallium	3	UW	UG/LITER		7B	
	7429-90-5	Aluminum	824		UG/LITER	AP 703	7B	
	7439-95-4	Magnesium	1720	B	UG/LITER		7B	
	7440-39-3	Barium	83	B	UG/LITER		7B	
	7440-41-7	Beryllium	1	U	UG/LITER		7B	
	7440-43-9	Cadmium	5	U	UG/LITER		7B	
	7440-48-4	Cobalt	34	B	UG/LITER		7B	
	7440-50-8	Copper	10	U	UG/LITER		7B	
	7440-62-2	Vanadium	10	U	UG/LITER		7B	
	7440-66-6	Zinc	44		UG/LITER		7B	
	7440-70-2	Calcium	5780		UG/LITER		7B	
	7440-47-3	Chromium	10	U	UG/LITER		7B	
	7440-36-0	Antimony	30	U	UG/LITER		7B	
	7440-23-5	Sodium	7530		UG/LITER		7B	
	7440-22-4	Silver	5	U	UG/LITER		7B	
	7440-09-7	Potassium	2110	B	UG/LITER		7B	
	7440-02-0	Nickel	20	U	UG/LITER		7B	
	7439-96-5	Manganese	131		UG/LITER		7B	
	7439-89-6	Iron	139		UG/LITER		7B	
	7439-97-6	Mercury	.2	U	UG/LITER	AV 002	7B	
	56-23-5	Carbon Tetrachloride	5	U	UG/LITER	MV 702	7B	
	71-43-2	Benzene	5	U	UG/LITER		7B	
	75-09-2	Methylene chloride	5	U	UG/LITER		7B	
	79-34-5	1,1,2,2-Tetrachloroethane	5	U	UG/LITER		7B	
	100-41-4	Ethylbenzene	5	U	UG/LITER		7B	
	100-42-5	Styrene	5	U	UG/LITER		7B	
	107-06-2	1,2-Dichloroethane	5	U	UG/LITER		7B	
	108-05-4	Vinyl Acetate	10	U	UG/LITER		7B	
	108-10-1	4-Methyl-2-pentanone	10	U	UG/LITER		7B	
	108-88-3	Toluene	5	U	UG/LITER		7B	
	124-48-1	Dibromochloromethane	5	U	UG/LITER		7B	
	127-18-4	Tetrachloroethene	5	U	UG/LITER		7B	
	540-59-0	1,2-Dichloroethylene	5	U	UG/LITER		7B	
	591-78-6	2-Hexanone	10	U	UG/LITER		7B	
	1330-20-7	Total xylenes	5	U	UG/LITER		7B	
	10061-01-5	cis-1,3-Dichloropropene	5	U	UG/LITER		7B	
	10061-02-6	trans-1,3-Dichloropropene	5	U	UG/LITER		7B	
	108-90-7	Chlorobenzene	5	U	UG/LITER		7B	
	75-15-0	Carbon disulfide	5	U	UG/LITER		7B	
	75-25-2	Bromoform	5	U	UG/LITER		7B	
	75-27-4	Bromodichloromethane	5	U	UG/LITER		7B	
	75-34-3	1,1-Dichloroethane	5	U	UG/LITER		7B	
	75-35-4	1,1-Dichloroethene	5	U	UG/LITER		7B	
	78-87-5	1,2-Dichloropropane	5	U	UG/LITER		7B	
	78-93-3	2-Butanone	10	U	UG/LITER		7B	
	79-01-6	Trichloroethene	5	U	UG/LITER		7B	
	79-00-5	1,1,2-Trichloroethane	5	U	UG/LITER		7B	
	71-55-6	1,1,1-Trichloroethane	5	U	UG/LITER		7B	
	74-83-9	Bromomethane	10	U	UG/LITER		7B	
	75-01-4	Vinyl chloride	10	U	UG/LITER		7B	

3 10 01194

APPENDIX A
ANALYTICAL RESULTS

SAMPLE NUMB	PARAMETER CODE	COMPOUND/ANALYTE	RESULTS	QUALIFIER	UNITS	PRODUCT CODE	SAMPLE LOCATION	FLAG
J.	75-00-3	Chloroethane	10	U	UG/LITER	MW 702	7B	TRG
	74-87-3	Chloromethane	10	U	UG/LITER		7B	
	67-66-3	Chloroform	2	J	UG/LITER		7B	
	67-64-1	Acetone	12	B	UG/LITER		7B	
	57-12-5	Cyanide	10	U	UG/LITER	MW 034	7B	

APPENDIX A
ANALYTICAL RESULTS

3 10 01105

SAMPLE NUMBER	PARAMETER CODE	COMPOUND/ANALYTE	RESULTS	QUALIFIER	UNITS	PRODUCT CODE	SAMPLE LOCATION	FLAG
	7439-92-1	Lead	2	U	UG/LITER	AG 702	1B	TRG
	7782-49-2	Selenium	5	UW	UG/LITER		1B	
	7440-38-2	Arsenic	2	U	UG/LITER		1B	
	7440-28-0	Thallium	2	U	UG/LITER		1B	
	7429-90-5	Aluminum	40	U	UG/LITER	AP 703	1B	
	7440-22-4	Silver	5	U	UG/LITER		1B	
	7440-23-5	Sodium	1460	B	UG/LITER		1B	
	7440-36-0	Antimony	30	U	UG/LITER		1B	
	7440-39-3	Barium	10	B	UG/LITER		1B	
	7440-50-8	Copper	10	B	UG/LITER		1B	
	7440-62-2	Vanadium	10	U	UG/LITER		1B	
	7440-66-6	Zinc	43		UG/LITER		1B	
	7440-70-2	Calcium	4210	B	UG/LITER		1B	
	7440-48-4	Cobalt	21	B	UG/LITER		1B	
	7440-47-3	Chromium	10	U	UG/LITER		1B	
	7440-41-7	Beryllium	2	U	UG/LITER		1B	
	7440-43-9	Cadmium	5	U	UG/LITER		1B	
	7440-02-0	Nickel	20	U	UG/LITER		1B	
	7440-09-7	Potassium	1040	B	UG/LITER		1B	
	7439-95-4	Magnesium	1800	B	UG/LITER		1B	
	7439-96-5	Manganese	60		UG/LITER		1B	
	7439-89-6	Iron	88	B	UG/LITER		1B	
	7439-97-6	Mercury	.3	U	UG/LITER	AV 002	1B	
	56-23-5	Carbon Tetrachloride	5	U	UG/LITER	MV 702	1B	
	74-83-9	Bromomethane	10	U	UG/LITER		1B	
	79-01-6	Trichloroethene	5	U	UG/LITER		1B	
	79-34-5	1,1,2,2-Tetrachloroethane	5	U	UG/LITER		1B	
	100-41-4	Ethylbenzene	5	U	UG/LITER		1B	
	107-06-2	1,2-Dichloroethane	5	U	UG/LITER		1B	
	108-05-4	Vinyl Acetate	10	U	UG/LITER		1B	
	108-10-1	4-Methyl-2-pentanone	10	U	UG/LITER		1B	
	108-88-3	Toluene	5	U	UG/LITER		1B	
	108-90-7	Chlorobenzene	5	U	UG/LITER		1B	
	124-48-1	Dibromochloromethane	5	U	UG/LITER		1B	
	127-18-4	Tetrachloroethene	5	U	UG/LITER		1B	
	540-59-0	1,2-Dichloroethylene	5	U	UG/LITER		1B	
	591-78-6	2-Hexanone	10	U	UG/LITER		1B	
	10061-01-5	cis-1,3-Dichloropropene	5	U	UG/LITER		1B	
	10061-02-6	trans-1,3-Dichloropropene	5	U	UG/LITER		1B	
	1330-20-7	Total xylenes	5	U	UG/LITER		1B	
	100-42-5	Styrene	5	U	UG/LITER		1B	
	74-87-3	Chloromethane	10	U	UG/LITER		1B	
	75-00-3	Chloroethane	10	U	UG/LITER		1B	
	75-27-4	Bromodichloromethane	5	U	UG/LITER		1B	
	75-34-3	1,1-Dichloroethane	5	U	UG/LITER		1B	
	75-35-4	1,1-Dichloroethene	5	U	UG/LITER		1B	
	78-87-5	1,2-Dichloropropane	5	U	UG/LITER		1B	
	78-93-3	2-Butanone	10	U	UG/LITER		1B	
	79-00-5	1,1,2-Trichloroethane	5	U	UG/LITER		1B	
	75-25-2	Bromoform	5	U	UG/LITER		1B	
	75-15-0	Carbon disulfide	5	U	UG/LITER		1B	
	75-01-4	Vinyl chloride	10	U	UG/LITER		1B	
	75-09-2	Methylene chloride	2	J	UG/LITER		1B	

3 10 01196

APPENDIX A
ANALYTICAL RESULTS

SAMPLE NUMBER	PARAMETER CODE	COMPOUND/ANALYTE	RESULTS	QUALIFIER	UNITS	PRODUCT CODE	SAMPLE LOCATION	FLAG
J1.	71-43-2	Benzene	5	U	UG/LITER	MV 702	1B	TRG
	71-55-6	1,1,1-Trichloroethane	5	U	UG/LITER		1B	
	67-66-3	Chloroform	5	U	UG/LITER		1B	
	67-64-1	Acetone	10	B	UG/LITER		1B	
	57-12-5	Cyanide	10	U	UG/LITER	WW 034	1B	

3 10 01197

APPENDIX A
ANALYTICAL RESULTS

SAMPLE NUMBER	PARAMETER CODE	COMPOUND/ANALYTE	RESULTS	QUALIFIER	UNITS	PRODUCT CODE	SAMPLE LOCATION	FLAG
	7439-92-1	Lead	16		UG/LITER	AG 702	1A	TRG
	7440-38-2	Arsenic	2	U	UG/LITER		1A	
	7782-49-2	Selenium	5	UW	UG/LITER		1A	
	7440-28-0	Thallium	2	U	UG/LITER		1A	
	7429-90-5	Aluminum	9670		UG/LITER	AP 703	1A	
	7440-39-3	Barium	104	B	UG/LITER		1A	
	7440-02-0	Nickel	21	B	UG/LITER		1A	
	7440-41-7	Beryllium	1		UG/LITER		1A	
	7440-43-9	Cadmium	5	U	UG/LITER		1A	
	7440-47-3	Chromium	10	U	UG/LITER		1A	
	7440-48-4	Cobalt	23	B	UG/LITER		1A	
	7440-50-8	Copper	25		UG/LITER		1A	
	7440-62-2	Vanadium	16	B	UG/LITER		1A	
	7440-66-6	Zinc	71		UG/LITER		1A	
	7440-70-2	Calcium	7940		UG/LITER		1A	
	7440-09-7	Potassium	2590	B	UG/LITER		1A	
	7440-22-4	Silver	5	U	UG/LITER		1A	
	7440-23-5	Sodium	13300		UG/LITER		1A	
	7440-36-0	Antimony	30	U	UG/LITER		1A	
	7439-95-4	Magnesium	1520	B	UG/LITER		1A	
	7439-96-5	Manganese	171		UG/LITER		1A	
	7439-89-6	Iron	1520		UG/LITER		1A	
	7439-97-6	Mercury	.2	U	UG/LITER	AV 002	1A	
	56-23-5	Carbon Tetrachloride	5	U	UG/LITER	MV 702	1A	
	71-43-2	Benzene	5	U	UG/LITER		1A	
	75-25-2	Bromoform	5	U	UG/LITER		1A	
	107-06-2	1,2-Dichloroethane	5	U	UG/LITER		1A	
	108-05-4	Vinyl Acetate	10	U	UG/LITER		1A	
	108-10-1	4-Methyl-2-pentanone	10	U	UG/LITER		1A	
	108-88-3	Toluene	5	U	UG/LITER		1A	
	108-90-7	Chlorobenzene	5	U	UG/LITER		1A	
	124-48-1	Dibromochloromethane	5	U	UG/LITER		1A	
	127-18-4	Tetrachloroethene	5	U	UG/LITER		1A	
	540-59-0	1,2-Dichloroethylene	5	U	UG/LITER		1A	
	591-78-6	2-Hexanone	10	U	UG/LITER		1A	
	10061-01-5	cis-1,3-Dichloropropene	5	U	UG/LITER		1A	
	10061-02-6	trans-1,3-Dichloropropene	5	U	UG/LITER		1A	
	1330-20-7	Total xylenes	5	U	UG/LITER		1A	
	75-27-4	Bromodichloromethane	5	U	UG/LITER		1A	
	75-34-3	1,1-Dichloroethane	5	U	UG/LITER		1A	
	75-35-4	1,1-Dichloroethene	5	U	UG/LITER		1A	
	78-87-5	1,2-Dichloropropane	5	U	UG/LITER		1A	
	78-93-3	2-Butanone	10	U	UG/LITER		1A	
	79-00-5	1,1,2-Trichloroethane	5	U	UG/LITER		1A	
	79-01-6	Trichloroethene	5	U	UG/LITER		1A	
	79-34-5	1,1,2,2-Tetrachloroethane	5	U	UG/LITER		1A	
	100-42-5	Styrene	5	U	UG/LITER		1A	
	100-41-4	Ethylbenzene	5	U	UG/LITER		1A	
	75-15-0	Carbon disulfide	4	J	UG/LITER		1A	
	75-09-2	Methylene chloride	5	U	UG/LITER		1A	
	71-55-6	1,1,1-Trichloroethane	5	U	UG/LITER		1A	
	75-01-4	Vinyl chloride	10	U	UG/LITER		1A	
	75-00-3	Chloroethane	10	U	UG/LITER		1A	

3 10 01198

APPENDIX A
ANALYTICAL RESULTS

SAMPLE NUM	PARAMETER CODE	COMPOUND/ANALYTE	RESULTS	QUALIFIER	UNITS	PRODUCT CODE	SAMPLE LOCATION	FLAG
[redacted]	74-87-3	Chloromethane	10	U	UG/LITER	MV 702	1A	TRG
	74-83-9	Bromomethane	10	U	UG/LITER		1A	
	67-66-3	Chloroform	2	J	UG/LITER		1A	
	67-64-1	Acetone	80	B	UG/LITER		1A	
	57-12-5	Cyanide	10	U	UG/LITER	WW 034	1A	

3 10 01199

APPENDIX A
ANALYTICAL RESULTS

SAMPLE NUM	PARAMETER CODE	COMPOUND/ANALYTE	RESULTS	QUALIFIER	UNITS	PRODUCT CODE	SAMPLE LOCATION	FLAG
	7439-92-1	Lead	2	U	UG/LITER	AG 702	5B	TRG
	7440-38-2	Arsenic	2	U	UG/LITER		5B	
	7782-49-2	Selenium	3	UW	UG/LITER		5B	
	7440-28-0	Thallium	2	UW	UG/LITER		5B	
	7429-90-5	Aluminum	3530		UG/LITER	AP 703	5B	
	7440-22-4	Silver	5	U	UG/LITER		5B	
	7440-36-0	Antimony	30	U	UG/LITER		5B	
	7440-41-7	Beryllium	1	B	UG/LITER		5B	
	7440-47-3	Chromium	15		UG/LITER		5B	
	7440-50-8	Copper	27		UG/LITER		5B	
	7440-66-6	Zinc	75		UG/LITER		5B	
	7440-70-2	Calcium	2050	B	UG/LITER		5B	
	7440-62-2	Vanadium	10	U	UG/LITER		5B	
	7440-48-4	Cobalt	20	U	UG/LITER		5B	
	7440-43-9	Cadmium	6		UG/LITER		5B	
	7440-39-3	Barium	31	B	UG/LITER		5B	
	7440-23-5	Sodium	4770	B	UG/LITER		5B	
	7440-09-7	Potassium	1000	U	UG/LITER		5B	
	7439-95-4	Magnesium	450	B	UG/LITER		5B	
	7440-02-0	Nickel	20	U	UG/LITER		5B	
	7439-96-5	Manganese	43		UG/LITER		5B	
	7439-89-6	Iron	883		UG/LITER		5B	
	7439-97-6	Mercury	.2	U	UG/LITER	AV 002	5B	
	56-23-5	Carbon Tetrachloride	5	U	UG/LITER	MV 702	5B	
	108-88-3	Toluene	5	U	UG/LITER		5B	
	124-48-1	Dibromochloromethane	5	U	UG/LITER		5B	
	540-59-0	1,2-Dichloroethylene	5	U	UG/LITER		5B	
	1330-20-7	Total xylenes	5	U	UG/LITER		5B	
	10061-02-6	trans-1,3-Dichloropropene	5	U	UG/LITER		5B	
	10061-01-5	cis-1,3-Dichloropropene	5	U	UG/LITER		5B	
	591-78-6	2-Hexanone	10	U	UG/LITER		5B	
	127-18-4	Tetrachloroethene	5	U	UG/LITER		5B	
	108-90-7	Chlorobenzene	5	U	UG/LITER		5B	
	108-10-1	4-Methyl-2-pentanone	10	U	UG/LITER		5B	
	75-09-2	Methylene chloride	5	U	UG/LITER		5B	
	75-15-0	Carbon disulfide	5	U	UG/LITER		5B	
	75-25-2	Bromoform	5	U	UG/LITER		5B	
	75-34-3	1,1-Dichloroethane	5	U	UG/LITER		5B	
	75-35-4	1,1-Dichloroethene	5	U	UG/LITER		5B	
	78-87-5	1,2-Dichloropropane	5	U	UG/LITER		5B	
	79-00-5	1,1,2-Trichloroethane	5	U	UG/LITER		5B	
	79-01-6	Trichloroethene	5	U	UG/LITER		5B	
	79-34-5	1,1,2,2-Tetrachloroethane	5	U	UG/LITER		5B	
	100-42-5	Styrene	5	U	UG/LITER		5B	
	107-06-2	1,2-Dichloroethane	5	U	UG/LITER		5B	
	108-05-4	Vinyl Acetate	10	U	UG/LITER		5B	
	100-41-4	Ethylbenzene	5	U	UG/LITER		5B	
	78-93-3	2-Butanone	10	U	UG/LITER		5B	
	75-27-4	Bromodichloromethane	5	U	UG/LITER		5B	
	75-01-4	Vinyl chloride	10	U	UG/LITER		5B	
	71-55-6	1,1,1-Trichloroethane	5	U	UG/LITER		5B	
	74-83-9	Bromomethane	10	U	UG/LITER		5B	
	74-87-3	Chloromethane	10	U	UG/LITER		5B	

3 10 01200

APPENDIX A
ANALYTICAL RESULTS

SAMPLE NUMB	PARAMETER CODE	COMPOUND/ANALYTE	RESULTS	QUALIFIER	UNITS	PRODUCT CODE	SAMPLE LOCATION	FLAG
	75-00-3	Chloroethane	10	U	UG/LITER	MV 702	5B	TRG
	67-66-3	Chloroform	5	U	UG/LITER		5B	
	71-43-2	Benzene	5	U	UG/LITER		5B	
	67-64-1	Acetone	36		UG/LITER		5B	
	57-12-5	Cyanide	10	U	UG/LITER	WW 034	5B	

3 10 01201

APPENDIX A
ANALYTICAL RESULTS

SAMPLE NUMBER	PARAMETER CODE	COMPOUND/ANALYTE	RESULTS	QUALIFIER	UNITS	PRODUCT CODE	SAMPLE LOCATION	FLAG
	7439-92-1	Lead	2	U	UG/LITER	AG 702	8B	TRG
	7440-38-2	Arsenic	2	U	UG/LITER		8B	
	7782-49-2	Selenium	3	UW	UG/LITER		8B	
	7440-28-0	Thallium	3	UW	UG/LITER		8B	
	7429-90-5	Aluminum	347		UG/LITER	AP 703	8B	
	7440-39-3	Barium	23	B	UG/LITER		8B	
	7440-41-7	Beryllium	1	B	UG/LITER		8B	
	7440-43-9	Cadmium	5	U	UG/LITER		8B	
	7440-47-3	Chromium	10	U	UG/LITER		8B	
	7440-48-4	Cobalt	20	U	UG/LITER		8B	
	7440-50-8	Copper	17	B	UG/LITER		8B	
	7440-62-2	Vanadium	10	U	UG/LITER		8B	
	7440-70-2	Calcium	2840	B	UG/LITER		8B	
	7440-66-6	Zinc	37		UG/LITER		8B	
	7440-36-0	Antimony	30	U	UG/LITER		8B	
	7440-09-7	Potassium	1180	B	UG/LITER		8B	
	7440-22-4	Silver	5	U	UG/LITER		8B	
	7440-23-5	Sodium	5050		UG/LITER		8B	
	7439-96-5	Manganese	90		UG/LITER		8B	
	7440-02-0	Nickel	20	U	UG/LITER		8B	
	7439-95-4	Magnesium	560	B	UG/LITER		8B	
	7439-89-6	Iron	60	B	UG/LITER		8B	
	7439-97-6	Mercury	.2	U	UG/LITER	AV 002	8B	
	56-23-5	Carbon Tetrachloride	5	U	UG/LITER	MV 702	8B	
	108-88-3	Toluene	5	U	UG/LITER		8B	
	124-48-1	Dibromochloromethane	5	U	UG/LITER		8B	
	127-18-4	Tetrachloroethene	5	U	UG/LITER		8B	
	540-59-0	1,2-Dichloroethylene	5	U	UG/LITER		8B	
	1330-20-7	Total xylenes	5	U	UG/LITER		8B	
	10061-01-5	cis-1,3-Dichloropropene	5	U	UG/LITER		8B	
	10061-02-6	trans-1,3-Dichloropropene	5	U	UG/LITER		8B	
	591-78-6	2-Hexanone	10	U	UG/LITER		8B	
	108-90-7	Chlorobenzene	5	U	UG/LITER		8B	
	75-15-0	Carbon disulfide	5	U	UG/LITER		8B	
	75-27-4	Bromodichloromethane	5	U	UG/LITER		8B	
	75-34-3	1,1-Dichloroethane	5	U	UG/LITER		8B	
	75-35-4	1,1-Dichloroethene	5	U	UG/LITER		8B	
	78-87-5	1,2-Dichloropropane	5	U	UG/LITER		8B	
	78-93-3	2-Butanone	10	U	UG/LITER		8B	
	79-00-5	1,1,2-Trichloroethane	5	U	UG/LITER		8B	
	79-01-6	Trichloroethene	5	U	UG/LITER		8B	
	100-41-4	Ethylbenzene	5	U	UG/LITER		8B	
	100-42-5	Styrene	5	U	UG/LITER		8B	
	107-06-2	1,2-Dichloroethane	5	U	UG/LITER		8B	
	108-05-4	Vinyl Acetate	10	U	UG/LITER		8B	
	108-10-1	4-Methyl-2-pentanone	10	U	UG/LITER		8B	
	79-34-5	1,1,2,2-Tetrachloroethane	5	U	UG/LITER		8B	
	75-25-2	Bromoform	5	U	UG/LITER		8B	
	74-83-9	Bromomethane	10	U	UG/LITER		8B	
	74-87-3	Chloromethane	10	U	UG/LITER		8B	
	75-00-3	Chloroethane	10	U	UG/LITER		8B	
	75-01-4	Vinyl chloride	10	U	UG/LITER		8B	
	75-09-2	Methylene chloride	5	U	UG/LITER		8B	

APPENDIX A
ANALYTICAL RESULTS

3 10 01202

SAMPLE NUM	PARAMETER CODE	COMPOUND/ANALYTE	RESULTS	QUALIFIER	UNITS	PRODUCT CODE	SAMPLE LOCATION	FLAG
	67-66-3	Chloroform	5	U	UG/LITER	MV 702	8B	TRG
	71-55-6	1,1,1-Trichloroethane	5	U	UG/LITER		8B	
	71-43-2	Benzene	5	U	UG/LITER		8B	
	67-64-1	Acetone	36		UG/LITER		8B	
	57-12-5	Cyanide	10	U	UG/LITER	WW 034	8B	

3 10 01203

APPENDIX A
ANALYTICAL RESULTS

SAMPLE NUM	PARAMETER CODE	COMPOUND/ANALYTE	RESULTS	QUALIFIER	UNITS	PRODUCT CODE	SAMPLE LOCATION	FLAG
[redacted]	7440-28-0	Thallium	2	UN	UG/LITER	AG 702	2B	TRG
	7782-49-2	Selenium	20	UN	UG/LITER		2B	
	7440-38-2	Arsenic	2	UN	UG/LITER		2B	
	7429-90-5	Aluminum	310000	*	UG/LITER	AP 703	2B	
	7440-02-0	Nickel	185		UG/LITER		2B	
	7440-22-4	Silver	5	UN	UG/LITER		2B	
	7440-36-0	Antimony	30	UN	UG/LITER		2B	
	7440-41-7	Beryllium	66		UG/LITER		2B	
	7440-47-3	Chromium	315	N	UG/LITER		2B	
	7440-50-8	Copper	411		UG/LITER		2B	
	7440-66-6	Zinc	551		UG/LITER		2B	
	7440-70-2	Calcium	23300		UG/LITER		2B	
	7440-62-2	Vanadium	833		UG/LITER		2B	
	7440-48-4	Cobalt	58		UG/LITER		2B	
	7440-43-9	Cadmium	5	U	UG/LITER		2B	
	7440-39-3	Barium	3270		UG/LITER		2B	
	7440-23-5	Sodium	6000		UG/LITER		2B	
	7440-09-7	Potassium	6970		UG/LITER		2B	
	7439-96-5	Manganese	552		UG/LITER		2B	
	7439-92-1	Lead	257		UG/LITER		2B	
	7439-95-4	Magnesium	6900		UG/LITER		2B	
	7439-89-6	Iron	58100		UG/LITER		2B	
[redacted]	7439-97-6	Mercury	.9		UG/LITER	AV 002	2B	
	56-23-5	Carbon Tetrachloride	13		UG/LITER	MV 702	2B	
	108-88-3	Toluene	5	U	UG/LITER		2B	
	124-48-1	Dibromochloromethane	5	U	UG/LITER		2B	
	540-59-0	1,2-Dichloroethylene	5	U	UG/LITER		2B	
	1330-20-7	Total xylenes	5	U	UG/LITER		2B	
	10061-02-6	trans-1,3-Dichloropropene	5	U	UG/LITER		2B	
	10061-01-5	cis-1,3-Dichloropropene	5	U	UG/LITER		2B	
	591-78-6	2-Hexanone	10	U	UG/LITER		2B	
	127-18-4	Tetrachloroethene	25		UG/LITER		2B	
	108-90-7	Chlorobenzene	5	U	UG/LITER		2B	
	108-10-1	4-Methyl-2-pentanone	10	U	UG/LITER		2B	
	75-09-2	Methylene chloride	4	BJ	UG/LITER		2B	
	75-15-0	Carbon disulfide	5	U	UG/LITER		2B	
	75-25-2	Bromoform	5	U	UG/LITER		2B	
	75-34-3	1,1-Dichloroethane	2	J	UG/LITER		2B	
	75-35-4	1,1-Dichloroethene	16		UG/LITER		2B	
	78-87-5	1,2-Dichloropropane	5	U	UG/LITER		2B	
	79-00-5	1,1,2-Trichloroethane	5	U	UG/LITER		2B	
	79-01-6	Trichloroethene	16		UG/LITER		2B	
	79-34-5	1,1,2,2-Tetrachloroethane	5	J	UG/LITER		2B	
	100-42-5	Styrene	5	U	UG/LITER		2B	
	107-06-2	1,2-Dichloroethane	5	U	UG/LITER		2B	
	108-05-4	Vinyl Acetate	10	U	UG/LITER		2B	
[redacted]	100-41-4	Ethylbenzene	5	U	UG/LITER		2B	
	78-93-3	2-Butanone	10	U	UG/LITER		2B	
	75-27-4	Bromodichloromethane	5	U	UG/LITER		2B	
	75-01-4	Vinyl chloride	10	U	UG/LITER		2B	
	71-55-6	1,1,1-Trichloroethane	21		UG/LITER		2B	
	74-83-9	Bromomethane	10	U	UG/LITER		2B	
	74-87-3	Chloromethane	10	U	UG/LITER		2B	

3 10 01204

APPENDIX A
ANALYTICAL RESULTS

SAMPLE NUM	PARAMETER CODE	COMPOUND/ANALYTE	RESULTS	QUALIFIER	UNITS	PRODUCT CODE	SAMPLE LOCATION	FLAG
[redacted]	75-00-3	Chloroethane	10	U	UG/LITER	MW 702	2B	TRG
	67-66-3	Chloroform	540	D	UG/LITER		2B	
	71-43-2	Benzene	5	U	UG/LITER		2B	
	67-64-1	Acetone	640	D	UG/LITER		2B	
	57-12-5	Cyanide	10	U	UG/LITER	WW 034	2B	

3 10 01205

APPENDIX A
ANALYTICAL RESULTS

SAMPLE NUMBER	PARAMETER CODE	COMPOUND/ANALYTE	RESULTS	QUALIFIER	UNITS	PRODUCT CODE	SAMPLE LOCATION	FLAG
	7440-28-0	Thallium	4	UWN	UG/LITER	AG 702	2A	TRG
	7782-49-2	Selenium	20	UN	UG/LITER		2A	
	7440-38-2	Arsenic	2	UN	UG/LITER		2A	
	7429-90-5	Aluminum	217000	*	UG/LITER	AP 703	2A	
	7440-02-0	Nickel	79		UG/LITER		2A	
	7440-39-3	Barium	1770		UG/LITER		2A	
	7440-41-7	Beryllium	10		UG/LITER		2A	
	7440-43-9	Cadmium	5	U	UG/LITER		2A	
	7440-47-3	Chromium	161	N	UG/LITER		2A	
	7440-48-4	Cobalt	69		UG/LITER		2A	
	7440-50-8	Copper	102		UG/LITER		2A	
	7440-62-2	Vanadium	293		UG/LITER		2A	
	7440-70-2	Calcium	51900		UG/LITER		2A	
	7440-66-6	Zinc	258		UG/LITER		2A	
	7440-36-0	Antimony	30	UN	UG/LITER		2A	
	7440-09-7	Potassium	7410		UG/LITER		2A	
	7440-22-4	Silver	5	UN	UG/LITER		2A	
	7440-23-5	Sodium	37500		UG/LITER		2A	
	7439-95-4	Magnesium	15600		UG/LITER		2A	
	7439-96-5	Manganese	3040		UG/LITER		2A	
	7439-92-1	Lead	132		UG/LITER		2A	
	7439-89-6	Iron	156000		UG/LITER		2A	
	7439-97-6	Mercury	.6		UG/LITER	AV 002	2A	
	56-23-5	Carbon Tetrachloride	5	U	UG/LITER	MV 702	2A	
	108-88-3	Toluene	980	D	UG/LITER		2A	
	124-48-1	Dibromochloromethane	5	U	UG/LITER		2A	
	127-18-4	Tetrachloroethene	2		UG/LITER		2A	
	540-59-0	1,2-Dichloroethylene	6800	D	UG/LITER		2A	
	1330-20-7	Total xylenes	360		UG/LITER		2A	
	10061-01-5	cis-1,3-Dichloropropene	5	U	UG/LITER		2A	
	10061-02-6	trans-1,3-Dichloropropene	5	U	UG/LITER		2A	
	591-78-6	2-Hexanone	10	U	UG/LITER		2A	
	108-90-7	Chlorobenzene	16		UG/LITER		2A	
	75-15-0	Carbon disulfide	5	U	UG/LITER		2A	
	75-27-4	Bromodichloromethane	5	U	UG/LITER		2A	
	75-34-3	1,1-Dichloroethane	2000	D	UG/LITER		2A	
	75-35-4	1,1-Dichloroethene	1200	D	UG/LITER		2A	
	78-87-5	1,2-Dichloropropane	21		UG/LITER		2A	
	78-93-3	2-Butanone	2100	D	UG/LITER		2A	
	79-00-5	1,1,2-Trichloroethane	9		UG/LITER		2A	
	79-01-6	Trichloroethene	2	J	UG/LITER		2A	
	100-41-4	Ethylbenzene	220		UG/LITER		2A	
	100-42-5	Styrene	5	U	UG/LITER		2A	
	107-06-2	1,2-Dichloroethane	280		UG/LITER		2A	
	108-05-4	Vinyl Acetate	10	U	UG/LITER		2A	
	108-10-1	4-Methyl-2-pentanone	98		UG/LITER		2A	
	79-34-5	1,1,2,2-Tetrachloroethane	7		UG/LITER		2A	
	75-25-2	Bromoform	5	U	UG/LITER		2A	
	74-83-9	Bromomethane	10	U	UG/LITER		2A	
	74-87-3	Chloromethane	10	U	UG/LITER		2A	
	75-00-3	Chloroethane	10	U	UG/LITER		2A	
	75-01-4	Vinyl chloride	10	U	UG/LITER		2A	
	75-09-2	Methylene chloride	2	BJ	UG/LITER		2A	

3 10 01206

APPENDIX A
ANALYTICAL RESULTS

SAMPLE NUMBER	PARAMETER CODE	COMPOUND/ANALYTE	RESULTS	QUALIFIER	UNITS	PRODUCT CODE	SAMPLE LOCATION	FLAG
[redacted]	67-66-3	Chloroform	5	U	UG/LITER	MV 702	2A	TRG
	71-55-6	1,1,1-Trichloroethane	5	U	UG/LITER		2A	
	71-43-2	Benzene	110		UG/LITER		2A	
	67-64-1	Acetone	18000	D	UG/LITER		2A	
	57-12-5	Cyanide	20	U	UG/LITER	WW 034	2A	

APPENDIX A
ANALYTICAL RESULTS

3 10 01207

SAMPLE NUMB	PARAMETER CODE	COMPOUND/ANALYTE	RESULTS	QUALIFIER	UNITS	PRODUCT CODE	SAMPLE LOCATION	FLAG
J.	7439-92-1	Lead	2	U	UG/LITER	AG 702	3B	TRG
	7440-38-2	Arsenic	2	U	UG/LITER		3B	
	7782-49-2	Selenium	2	U	UG/LITER		3B	
	7440-28-0	Thallium	2	UW	UG/LITER		3B	
	7429-90-5	Aluminum	421		UG/LITER	AP 703	3B	
	7440-22-4	Silver	5	U	UG/LITER		3B	
	7440-36-0	Antimony	30	U	UG/LITER		3B	
	7440-41-7	Beryllium	1	B	UG/LITER		3B	
	7440-47-3	Chromium	10	U	UG/LITER		3B	
	7440-50-8	Copper	14	B	UG/LITER		3B	
	7440-66-6	Zinc	41		UG/LITER		3B	
	7440-70-2	Calcium	5730		UG/LITER		3B	
	7440-62-2	Vanadium	10	U	UG/LITER		3B	
	7440-48-4	Cobalt	20	U	UG/LITER		3B	
	7440-43-9	Cadmium	5	U	UG/LITER		3B	
	7440-39-3	Barium	61	B	UG/LITER		3B	
	7440-23-5	Sodium	4120	B	UG/LITER		3B	
	7440-09-7	Potassium	1850	B	UG/LITER		3B	
	7439-95-4	Magnesium	1330	B	UG/LITER		3B	
	7440-02-0	Nickel	20	U	UG/LITER		3B	
	7439-96-5	Manganese	178		UG/LITER		3B	
	7439-89-6	Iron	79	B	UG/LITER		3B	
	7439-97-6	Mercury	.2	U	UG/LITER	HV 002	3B	
	56-23-5	Carbon Tetrachloride	5	U	UG/LITER	MV 702	3B	
	108-88-3	Toluene	5	U	UG/LITER		3B	
	124-48-1	Dibromochloromethane	5	U	UG/LITER		3B	
	540-59-0	1,2-Dichloroethylene	5	U	UG/LITER		3B	
	1330-20-7	Total xylenes	5	U	UG/LITER		3B	
	10061-02-6	trans-1,3-Dichloropropene	5	U	UG/LITER		3B	
	10061-01-5	cis-1,3-Dichloropropene	5	U	UG/LITER		3B	
	591-78-6	2-Hexanone	10	U	UG/LITER		3B	
	127-18-4	Tetrachloroethene	5	U	UG/LITER		3B	
	108-90-7	Chlorobenzene	5	U	UG/LITER		3B	
	108-10-1	4-Methyl-2-pentanone	10	U	UG/LITER		3B	
	75-09-2	Methylene chloride	5	U	UG/LITER		3B	
	75-15-0	Carbon disulfide	5	U	UG/LITER		3B	
	75-25-2	Bromoform	5	U	UG/LITER		3B	
	75-34-3	1,1-Dichloroethane	5	U	UG/LITER		3B	
	75-35-4	1,1-Dichloroethene	5	U	UG/LITER		3B	
	78-87-5	1,2-Dichloropropane	5	U	UG/LITER		3B	
	79-00-5	1,1,2-Trichloroethane	5	U	UG/LITER		3B	
	79-01-6	Trichloroethene	5	U	UG/LITER		3B	
	79-34-5	1,1,2,2-Tetrachloroethane	5	U	UG/LITER		3B	
	100-42-5	Styrene	5	U	UG/LITER		3B	
	107-06-2	1,2-Dichloroethane	5	U	UG/LITER		3B	
	108-05-4	Vinyl Acetate	10	U	UG/LITER		3B	
	100-41-4	Ethylbenzene	5	U	UG/LITER		3B	
	78-93-3	2-Butanone	10	U	UG/LITER		3B	
	75-27-4	Bromodichloromethane	5	U	UG/LITER		3B	
	75-01-4	Vinyl chloride	10	U	UG/LITER		3B	
	71-55-6	1,1,1-Trichloroethane	5	U	UG/LITER		3B	
	74-83-9	Bromomethane	10	U	UG/LITER		3B	
	74-87-3	Chloromethane	10	U	UG/LITER		3B	

3 10 01208

APPENDIX A
ANALYTICAL RESULTS

SAMPLE NUMB	PARAMETER CODE	COMPOUND/ANALYTE	RESULTS	QUALIFIER	UNITS	PRODUCT CODE	SAMPLE LOCATION	FLAG
	75-00-3	Chloroethane	10	U	UG/LITER	MU 702	3B	TRG
	67-66-3	Chloroform	5	U	UG/LITER		3B	
	71-43-2	Benzene	5	U	UG/LITER		3B	
	67-64-1	Acetone	20		UG/LITER		3B	
	57-12-5	Cyanide	10	U	UG/LITER	WW 034	3B	

APPENDIX A
ANALYTICAL RESULTS

3 10 01209

SAMPLE NUMB	PARAMETER CODE	COMPOUND/ANALYTE	RESULTS	QUALIFIER	UNITS	PRODUCT CODE	SAMPLE LOCATION	FLAG
	7439-92-1	Lead	84		UG/LITER	AG 702	10B	TRG
	7440-38-2	Arsenic	2	U	UG/LITER		10B	
	7782-49-2	Selenium	5	UW	UG/LITER		10B	
	7440-28-0	Thallium	2	U	UG/LITER		10B	
	7429-90-5	Aluminum	59000		UG/LITER	AP 703	10B	
	7440-39-3	Barium	394		UG/LITER		10B	
	7440-41-7	Beryllium	13		UG/LITER		10B	
	7440-43-9	Cadmium	10		UG/LITER		10B	
	7440-47-3	Chromium	139		UG/LITER		10B	
	7440-48-4	Cobalt	154		UG/LITER		10B	
	7440-50-8	Copper	114		UG/LITER		10B	
	7440-62-2	Vanadium	534		UG/LITER		10B	
	7440-70-2	Calcium	13600		UG/LITER		10B	
	7440-66-6	Zinc	362		UG/LITER		10B	
	7440-36-0	Antimony	30	U	UG/LITER		10B	
	7440-09-7	Potassium	2380	B	UG/LITER		10B	
	7440-22-4	Silver	5	U	UG/LITER		10B	
	7440-23-5	Sodium	6020		UG/LITER		10B	
	7439-96-5	Manganese	665		UG/LITER		10B	
	7440-02-0	Nickel	86		UG/LITER		10B	
	7439-95-4	Magnesium	3230	B	UG/LITER		10B	
	7439-89-6	Iron	90000		UG/LITER		10B	
	7439-97-6	Mercury	.3		UG/LITER	AV 002	10B	
	56-23-5	Carbon Tetrachloride	2	J	UG/LITER	MV 702	10B	
	108-88-3	Toluene	5	U	UG/LITER		10B	
	124-48-1	Dibromochloromethane	5	U	UG/LITER		10B	
	127-18-4	Tetrachloroethene	2	J	UG/LITER		10B	
	540-59-0	1,2-Dichloroethylene	5	U	UG/LITER		10B	
	1330-20-7	Total xylenes	5	U	UG/LITER		10B	
	10061-01-5	cis-1,3-Dichloropropene	5	U	UG/LITER		10B	
	10061-02-6	trans-1,3-Dichloropropene	5	U	UG/LITER		10B	
	591-78-6	2-Hexanone	10	U	UG/LITER		10B	
	108-90-7	Chlorobenzene	5	U	UG/LITER		10B	
	75-15-0	Carbon disulfide	5	U	UG/LITER		10B	
	75-27-4	Bromodichloromethane	5	U	UG/LITER		10B	
	75-34-3	1,1-Dichloroethane	5	U	UG/LITER		10B	
	75-35-4	1,1-Dichloroethene	5	U	UG/LITER		10B	
	78-87-5	1,2-Dichloropropane	5	U	UG/LITER		10B	
	78-93-3	2-Butanone	10	U	UG/LITER		10B	
	79-00-5	1,1,2-Trichloroethane	5	U	UG/LITER		10B	
	79-01-6	Trichloroethene	5	U	UG/LITER		10B	
	100-41-4	Ethylbenzene	5	U	UG/LITER		10B	
	100-42-5	Styrene	5	U	UG/LITER		10B	
	107-06-2	1,2-Dichloroethane	5	U	UG/LITER		10B	
	108-05-4	Vinyl Acetate	10	U	UG/LITER		10B	
	108-10-1	4-Methyl-2-pentanone	10	U	UG/LITER		10B	
	79-34-5	1,1,2,2-Tetrachloroethane	5	U	UG/LITER		10B	
	75-25-2	Bromoform	5	U	UG/LITER		10B	
	74-83-9	Bromomethane	10	U	UG/LITER		10B	
	74-87-3	Chloromethane	10	U	UG/LITER		10B	
	75-00-3	Chloroethane	10	U	UG/LITER		10B	
	75-01-4	Vinyl chloride	10	U	UG/LITER		10B	
	75-09-2	Methylene chloride	5	U	UG/LITER		10B	

3 10 01210

APPENDIX A
ANALYTICAL RESULTS

SAMPLE NUMBER	PARAMETER CODE	COMPOUND/ANALYTE	RESULTS	QUALIFIER	UNITS	PRODUCT CODE	SAMPLE LOCATION	FLAG
J	67-66-3	Chloroform	5	U	UG/LITER	MV 702	10B	TRG
	71-55-6	1,1,1-Trichloroethane	5	U	UG/LITER		10B	
	71-43-2	Benzene	5	U	UG/LITER		10B	
	67-64-1	Acetone	18		UG/LITER		10B	
	57-12-5	Cyanide	10	U	UG/LITER	WW 034	10B	

3 10 01211

APPENDIX A
ANALYTICAL RESULTS

SAMPLE NUM	PARAMETER CODE	COMPOUND/ANALYTE	RESULTS	QUALIFIER	UNITS	PRODUCT CODE	SAMPLE LOCATION	FLAG
	7439-92-1	Lead	26		UG/LITER	AG 702	6B	TRG
	7440-38-2	Arsenic	4	UW	UG/LITER		6B	
	7782-49-2	Selenium	5	UW	UG/LITER		6B	
	7440-28-0	Thallium	3	UW	UG/LITER		6B	
	7429-90-5	Aluminum	52700		UG/LITER	AP 703	6B	
	7440-23-5	Sodium	25000		UG/LITER		6B	
	7440-62-2	Vanadium	170		UG/LITER		6B	
	7440-66-6	Zinc	147		UG/LITER		6B	
	7440-70-2	Calcium	20000		UG/LITER		6B	
	7440-36-0	Antimony	30	U	UG/LITER		6B	
	7440-39-3	Barium	394		UG/LITER		6B	
	7440-41-7	Beryllium	9		UG/LITER		6B	
	7440-43-9	Cadmium	7		UG/LITER		6B	
	7440-47-3	Chromium	46		UG/LITER		6B	
	7440-48-4	Cobalt	28	B	UG/LITER		6B	
	7440-50-8	Copper	58		UG/LITER		6B	
	7439-96-5	Manganese	701		UG/LITER		6B	
	7440-02-0	Nickel	61		UG/LITER		6B	
	7440-22-4	Silver	5	U	UG/LITER		6B	
	7440-09-7	Potassium	5270		UG/LITER		6B	
	7439-95-4	Magnesium	5290		UG/LITER		6B	
	7439-89-6	Iron	47100		UG/LITER		6B	
	7439-97-6	Mercury	.2	U	UG/LITER	AV 002	6B	
	56-23-5	Carbon Tetrachloride	10		UG/LITER	MV 702	6B	
	75-01-4	Vinyl chloride	10	U	UG/LITER		6B	
	75-09-2	Methylene chloride	5	U	UG/LITER		6B	
	75-27-4	Bromodichloromethane	5	U	UG/LITER		6B	
	100-42-5	Styrene	5	U	UG/LITER		6B	
	107-06-2	1,2-Dichloroethane	36		UG/LITER		6B	
	108-05-4	Vinyl Acetate	10	U	UG/LITER		6B	
	108-88-3	Toluene	6		UG/LITER		6B	
	108-90-7	Chlorobenzene	5	U	UG/LITER		6B	
	124-48-1	Dibromochloromethane	5	U	UG/LITER		6B	
	127-18-4	Tetrachloroethene	11		UG/LITER		6B	
	540-59-0	1,2-Dichloroethylene	530	D	UG/LITER		6B	
	591-78-6	2-Hexanone	10	U	UG/LITER		6B	
	1330-20-7	Total xylenes	4	J	UG/LITER		6B	
	10061-01-5	cis-1,3-Dichloropropene	5	U	UG/LITER		6B	
	10061-02-6	trans-1,3-Dichloropropene	5	U	UG/LITER		6B	
	108-10-1	4-Methyl-2-pentanone	10	U	UG/LITER		6B	
	75-34-3	1,1-Dichloroethane	260	D	UG/LITER		6B	
	75-35-4	1,1-Dichloroethene	120		UG/LITER		6B	
	78-87-5	1,2-Dichloropropane	2	J	UG/LITER		6B	
	78-93-3	2-Butanone	10	U	UG/LITER		6B	
	79-00-5	1,1,2-Trichloroethane	4	J	UG/LITER		6B	
	79-01-6	Trichloroethene	69		UG/LITER		6B	
	79-34-5	1,1,2,2-Tetrachloroethane	14	J	UG/LITER		6B	
	100-41-4	Ethylbenzene	1	J	UG/LITER		6B	
	75-25-2	Bromoform	5	U	UG/LITER		6B	
	75-15-0	Carbon disulfide	5	U	UG/LITER		6B	
	75-00-3	Chloroethane	10	U	UG/LITER		6B	
	74-87-3	Chloromethane	10	U	UG/LITER		6B	
	74-83-9	Bromomethane	10	U	UG/LITER		6B	

3 10 01212

APPENDIX A
ANALYTICAL RESULTS

SAMPLE NUMBER	PARAMETER CODE	COMPOUND/ANALYTE	RESULTS	QUALIFIER	UNITS	PRODUCT CODE	SAMPLE LOCATION	FLAG
[redacted]	71-43-2	Benzene	6		UG/LITER	MW 702	6B	TRG
	71-55-6	1,1,1-Trichloroethane	38		UG/LITER		6B	
	67-66-3	Chloroform	84		UG/LITER		6B	
	67-64-1	Acetone	170		UG/LITER		6B	
	57-12-5	Cyanide	10	U	UG/LITER	WW 034	6B	

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APPENDIX A
ANALYTICAL RESULTS

SAMPLE NUMB	PARAMETER CODE	COMPOUND/ANALYTE	RESULTS	QUALIFIER	UNITS	PRODUCT CODE	SAMPLE LOCATION	FLAG
	7439-92-1	Lead	30		UG/LITER	AG 702	9B	TRG
	7782-49-2	Selenium	4	UW	UG/LITER		9B	
	7440-38-2	Arsenic	4	UW	UG/LITER		9B	
	7440-28-0	Thallium	2	U	UG/LITER		9B	
	7429-90-5	Aluminum	43500		UG/LITER	AP 703	9B	
	7440-47-3	Chromium	40		UG/LITER		9B	
	7440-48-4	Cobalt	20	U	UG/LITER		9B	
	7440-50-8	Copper	40		UG/LITER		9B	
	7440-62-2	Vanadium	53		UG/LITER		9B	
	7440-66-6	Zinc	98		UG/LITER		9B	
	7440-70-2	Calcium	11800		UG/LITER		9B	
	7440-43-9	Cadmium	5	U	UG/LITER		9B	
	7440-41-7	Beryllium	3	B	UG/LITER		9B	
	7440-39-3	Barium	227		UG/LITER		9B	
	7440-36-0	Antimony	30	U	UG/LITER		9B	
	7440-23-5	Sodium	7020		UG/LITER		9B	
	7440-02-0	Nickel	29	B	UG/LITER		9B	
	7440-09-7	Potassium	1900	B	UG/LITER		9B	
	7440-22-4	Silver	5	U	UG/LITER		9B	
	7439-95-4	Magnesium	2190	B	UG/LITER		9B	
	7439-96-5	Manganese	137		UG/LITER		9B	
	7439-89-6	Iron	10200		UG/LITER		9B	
	7439-97-6	Mercury	.2	U	UG/LITER	AV 002	9B	
	56-23-5	Carbon Tetrachloride	5	U	UG/LITER	MV 702	9B	
	75-09-2	Methylene chloride	5	U	UG/LITER		9B	
	75-15-0	Carbon disulfide	5	U	UG/LITER		9B	
	79-34-5	1,1,2,2-Tetrachloroethane	5	U	UG/LITER		9B	
	100-41-4	Ethylbenzene	5	U	UG/LITER		9B	
	100-42-5	Styrene	5	U	UG/LITER		9B	
	108-05-4	Vinyl Acetate	10	U	UG/LITER		9B	
	107-06-2	1,2-Dichloroethane	5	U	UG/LITER		9B	
	108-10-1	4-Methyl-2-pentanone	10	U	UG/LITER		9B	
	108-88-3	Toluene	5	U	UG/LITER		9B	
	108-90-7	Chlorobenzene	5	U	UG/LITER		9B	
	124-48-1	Dibromochloromethane	5	U	UG/LITER		9B	
	127-18-4	Tetrachloroethene	5	U	UG/LITER		9B	
	540-59-0	1,2-Dichloroethylene	5	U	UG/LITER		9B	
	591-78-6	2-Hexanone	10	U	UG/LITER		9B	
	1330-20-7	Total xylenes	5	U	UG/LITER		9B	
	10061-01-5	cis-1,3-Dichloropropene	5	U	UG/LITER		9B	
	10061-02-6	trans-1,3-Dichloropropene	5	U	UG/LITER		9B	
	75-25-2	Bromoform	5	U	UG/LITER		9B	
	75-27-4	Bromodichloromethane	5	U	UG/LITER		9B	
	75-34-3	1,1-Dichloroethane	5	U	UG/LITER		9B	
	75-35-4	1,1-Dichloroethene	5	U	UG/LITER		9B	
	78-87-5	1,2-Dichloropropane	5	U	UG/LITER		9B	
	78-93-3	2-Butanone	10	U	UG/LITER		9B	
	79-01-6	Trichloroethene	5	U	UG/LITER		9B	
	79-00-5	1,1,2-Trichloroethane	5	U	UG/LITER		9B	
	75-01-4	Vinyl chloride	10	U	UG/LITER		9B	
	75-00-3	Chloroethane	10	U	UG/LITER		9B	
	74-87-3	Chloromethane	10	U	UG/LITER		9B	
	71-43-2	Benzene	5	U	UG/LITER		9B	

3 10 01214

APPENDIX A
ANALYTICAL RESULTS

SAMPLE NUMBER	PARAMETER CODE	COMPOUND/ANALYTE	RESULTS	QUALIFIER	UNITS	PRODUCT CODE	SAMPLE LOCATION	FLAG
J.	71-55-6	1,1,1-Trichloroethane	5	U	UG/LITER	MV 702	9B	TRG
	74-83-9	Bromomethane	10	U	UG/LITER		9B	
	67-66-3	Chloroform	5	U	UG/LITER		9B	
	67-64-1	Acetone	90		UG/LITER		9B	
	57-12-5	Cyanide	10	U	UG/LITER	WW 034	9B	

3 10 01215

APPENDIX A
ANALYTICAL RESULTS

SAMPLE NUM	PARAMETER CODE	COMPOUND/ANALYTE	RESULTS	QUALIFIER	UNITS	PRODUCT CODE	SAMPLE LOCATION	FLAG
	7439-92-1	Lead	24	S	UG/LITER	AG 019	13B	TRG
	7440-28-0	Thallium	2	U	UG/LITER	AG 702	13B	
	7440-38-2	Arsenic	2	U	UG/LITER		13B	
	7782-49-2	Selenium	2	UW	UG/LITER		13B	
	7429-90-5	Aluminum	8400		UG/LITER	AP 703	13B	
	7439-89-6	Iron	1500		UG/LITER		13B	
	7439-95-4	Magnesium	1610	B	UG/LITER		13B	
	7439-96-5	Manganese	11	B	UG/LITER		13B	
	7440-02-0	Nickel	20	U	UG/LITER		13B	
	7440-09-7	Potassium	2730	B	UG/LITER		13B	
	7440-22-4	Silver	5	U	UG/LITER		13B	
	7440-23-5	Sodium	5600		UG/LITER		13B	
	7440-36-0	Antimony	30	U	UG/LITER		13B	
	7440-39-3	Barium	80	B	UG/LITER		13B	
	7440-41-7	Beryllium	1	B	UG/LITER		13B	
	7440-43-9	Cadmium	5	U	UG/LITER		13B	
	7440-47-3	Chromium	11		UG/LITER		13B	
	7440-48-4	Cobalt	20	U	UG/LITER		13B	
	7440-50-8	Copper	12	B	UG/LITER		13B	
	7440-62-2	Vanadium	19	B	UG/LITER		13B	
	7440-66-6	Zinc	73		UG/LITER		13B	
	7440-70-2	Calcium	12800		UG/LITER		13B	
	7439-97-6	Mercury	.2	U	UG/LITER	AV 002	13B	
	56-23-5	Carbon Tetrachloride	200	E	UG/LITER	MV 702	13B	
	67-64-1	Acetone	47		UG/LITER		13B	
	67-66-3	Chloroform	530	D	UG/LITER		13B	
	71-43-2	Benzene	5	U	UG/LITER		13B	
	71-55-6	1,1,1-Trichloroethane	260	E	UG/LITER		13B	
	74-83-9	Bromomethane	10	U	UG/LITER		13B	
	74-87-3	Chloromethane	10	U	UG/LITER		13B	
	75-00-3	Chloroethane	10	U	UG/LITER		13B	
	75-01-4	Vinyl chloride	10	U	UG/LITER		13B	
	75-09-2	Methylene chloride	2	JB	UG/LITER		13B	
	75-15-0	Carbon disulfide	5	U	UG/LITER		13B	
	75-25-2	Bromoform	5	U	UG/LITER		13B	
	75-27-4	Bromodichloromethane	5	U	UG/LITER		13B	
	75-34-3	1,1-Dichloroethane	10		UG/LITER		13B	
	75-35-4	1,1-Dichloroethene	190		UG/LITER		13B	
	78-87-5	1,2-Dichloropropane	2	J	UG/LITER		13B	
	78-93-3	2-Butanone	10	U	UG/LITER		13B	
	79-00-5	1,1,2-Trichloroethane	2	J	UG/LITER		13B	
	79-01-6	Trichloroethene	45		UG/LITER		13B	
	79-34-5	1,1,2,2-Tetrachloroethane	71		UG/LITER		13B	
	100-41-4	Ethylbenzene	5	U	UG/LITER		13B	
	100-42-5	Styrene	5	U	UG/LITER		13B	
	107-06-2	1,2-Dichloroethane	12		UG/LITER		13B	
	108-05-4	Vinyl Acetate	10	U	UG/LITER		13B	
	108-10-1	4-Methyl-2-pentanone	10	U	UG/LITER		13B	
	108-88-3	Toluene	5	U	UG/LITER		13B	
	108-90-7	Chlorobenzene	5	U	UG/LITER		13B	
	124-48-1	Dibromochloromethane	5	U	UG/LITER		13B	
	127-18-4	Tetrachloroethene	68		UG/LITER		13B	

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APPENDIX A
ANALYTICAL RESULTS

SAMPLE NU[redacted]	PARAMETER CODE	COMPOUND/ANALYTE	RESULTS	QUALIFIER	UNITS	PRODUCT CODE	SAMPLE LOCATION	FLAG
[redacted]	540-59-0	1,2-Dichloroethylene	9		UG/LITER	MV 702	13B	TRG
	591-78-6	2-Hexanone	10	U	UG/LITER		13B	
	1330-20-7	Total xylenes	5	U	UG/LITER		13B	
	10061-01-5	cis-1,3-Dichloropropene	5	U	UG/LITER		13B	
	10061-02-6	trans-1,3-Dichloropropene	5	U	UG/LITER		13B	
	57-12-5	Cyanide	10	U	UG/LITER	WW 034	13B	

3 10 01217

APPENDIX A
ANALYTICAL RESULTS

SAMPLE NUM	PARAMETER CODE	COMPOUND/ANALYTE	RESULTS	QUALIFIER	UNITS	PRODUCT CODE	SAMPLE LOCATION	FLAG
	7439-92-1	Lead	42	S	UG/LITER	AG 702	7C	TRG
	7440-38-2	Arsenic	4	B	UG/LITER		7C	
	7782-49-2	Selenium	3	W	UG/LITER		7C	
	7440-28-0	Thallium	3	UW	UG/LITER		7C	
	7429-90-5	Aluminum	8260		UG/LITER	AP 703	7C	
	7440-22-4	Silver	5	U	UG/LITER		7C	
	7440-36-0	Antimony	30	U	UG/LITER		7C	
	7440-41-7	Beryllium	1	U	UG/LITER		7C	
	7440-47-3	Chromium	10		UG/LITER		7C	
	7440-50-8	Copper	10	U	UG/LITER		7C	
	7440-66-6	Zinc	441		UG/LITER		7C	
	7440-70-2	Calcium	6770		UG/LITER		7C	
	7440-62-2	Vanadium	15	B	UG/LITER		7C	
	7440-48-4	Cobalt	20	U	UG/LITER		7C	
	7440-43-9	Cadmium	37		UG/LITER		7C	
	7440-39-3	Barium	77	B	UG/LITER		7C	
	7440-23-5	Sodium	22300		UG/LITER		7C	
	7440-09-7	Potassium	6290		UG/LITER		7C	
	7439-95-4	Magnesium	822	B	UG/LITER		7C	
	7440-02-0	Nickel	20	U	UG/LITER		7C	
	7439-96-5	Manganese	30		UG/LITER		7C	
	7439-89-6	Iron	3550		UG/LITER		7C	
	7439-97-6	Mercury	2	U	UG/LITER	AV 002	7C	
	50-29-3	4,4'-DDT	.1	U	UG/LITER	GC 720	7C	
	53469-21-9	Aroclor-1242	.5	U	UG/LITER		7C	
	53494-70-5	Endrin ketone	.1	U	UG/LITER		7C	
	33213-65-9	Endosulfan II	.1	U	UG/LITER		7C	
	319-84-6	alpha-BHC	.05	U	UG/LITER		7C	
	319-85-7	beta-BHC	.05	U	UG/LITER		7C	
	319-86-8	delta-BHC	.05	U	UG/LITER		7C	
	1024-57-3	Heptachlor epoxide	.05	U	UG/LITER		7C	
	1031-07-8	Endosulfan sulfate	.1	U	UG/LITER		7C	
	5103-71-9	alpha-Chlordane	.5	U	UG/LITER		7C	
	8001-35-2	Toxaphene	1	U	UG/LITER		7C	
	11096-82-5	Aroclor-1260	1	U	UG/LITER		7C	
	11097-69-1	Aroclor-1254	1	U	UG/LITER		7C	
	11141-16-5	Aroclor-1232	.5	U	UG/LITER		7C	
	12672-29-6	Aroclor-1248	.5	U	UG/LITER		7C	
	12674-11-2	Aroclor-1016	.5	U	UG/LITER		7C	
	11104-28-2	Aroclor-1221	.5	U	UG/LITER		7C	
	5103-74-2	gamma-Chlordane	.5	U	UG/LITER		7C	
	959-98-8	Endosulfan-I	.05	U	UG/LITER		7C	
	309-00-2	Aldrin	.05	U	UG/LITER		7C	
	72-43-5	Methoxychlor	.5	U	UG/LITER		7C	
	72-54-8	4,4'-DDD	.1	U	UG/LITER		7C	
	72-55-9	4,4'-DDE	.1	U	UG/LITER		7C	
	76-44-8	Heptachlor	.05	U	UG/LITER		7C	
	60-57-1	Dieldrin	.1	U	UG/LITER		7C	
	72-20-8	Endrin	.1	U	UG/LITER		7C	
	58-89-9	gamma-BHC (Lindane)	.05	U	UG/LITER		7C	
	50-32-8	Benzo(a)pyrene	10	U	UG/LITER	ME 702	7C	
	131-11-3	Dimethyl phthalate	10	U	UG/LITER		7C	

APPENDIX A
ANALYTICAL RESULTS

3 10 01218

SAMPLE NUMBER	PARAMETER CODE	COMPOUND/ANALYTE	RESULTS	QUALIFIER	UNITS	PRODUCT CODE	SAMPLE LOCATION	FLAG
[redacted]	191-24-2	Benzo(g,h,i)perylene	10	U	UG/LITER	ME 702	7C	TRG
	205-99-2	Benzo(b)fluoranthene	10	U	UG/LITER		7C	
	207-08-9	Benzo(k)fluoranthene	10	U	UG/LITER		7C	
	218-01-9	Chrysene	10	U	UG/LITER		7C	
	541-73-1	1,3-Dichlorobenzene	10	U	UG/LITER		7C	
	621-64-7	N-Nitroso-di-n-propylamine	10	U	UG/LITER		7C	
	7005-72-3	4-Chlorophenylphenyl ether	10	U	UG/LITER		7C	
	606-20-2	2,6-Dinitrotoluene	10	U	UG/LITER		7C	
	534-52-1	4,6-Dinitro-2-methylphenol	50	U	UG/LITER		7C	
	208-96-8	Acenaphthylene	10	U	UG/LITER		7C	
	206-44-0	Fluoranthene	10	U	UG/LITER		7C	
	193-39-5	Indeno(1,2,3-cd)pyrene	10	U	UG/LITER		7C	
	132-64-9	Dibenzofuran	10	U	UG/LITER		7C	
	88-06-2	2,4,6-Trichlorophenol	10	U	UG/LITER		7C	
	88-74-4	2-Nitroaniline	50	U	UG/LITER		7C	
	88-75-5	2-Nitrophenol	10	U	UG/LITER		7C	
	91-57-6	2-Methylnaphthalene	10	U	UG/LITER		7C	
	91-58-7	2-Chloronaphthalene	10	U	UG/LITER		7C	
	91-94-1	3,3'-Dichlorobenzidine	20	U	UG/LITER		7C	
	95-50-1	1,2-Dichlorobenzene	10	U	UG/LITER		7C	
	95-57-8	2-Chlorophenol	10	U	UG/LITER		7C	
	95-95-4	2,4,5-Trichlorophenol	50	U	UG/LITER		7C	
	99-09-2	3-Nitroaniline	50	U	UG/LITER		7C	
	100-01-6	4-Nitroaniline	50	U	UG/LITER		7C	
[redacted]	100-02-7	4-Nitrophenol	50	U	UG/LITER		7C	
	101-55-3	4-Bromophenyl phenyl ether	10	U	UG/LITER		7C	
	105-67-9	2,4-Dimethylphenol	10	U	UG/LITER		7C	
	106-44-5	4-Methylphenol	10	U	UG/LITER		7C	
	106-47-8	4-Chloroaniline	10	U	UG/LITER		7C	
	108-60-1	bis(2-Chloroisopropyl)ether	10	U	UG/LITER		7C	
	108-95-2	Phenol	10	U	UG/LITER		7C	
	111-91-1	bis(2-Chloroethoxy)methane	10	U	UG/LITER		7C	
	117-81-7	bis(2-Ethylhexyl) phthalate	10	U	UG/LITER		7C	
	117-84-0	Di-n-octyl phthalate	10	U	UG/LITER		7C	
	120-12-7	Anthracene	10	U	UG/LITER		7C	
	120-82-1	1,2,4-Trichlorobenzene	10	U	UG/LITER		7C	
	120-83-2	2,4-Dichlorophenol	10	U	UG/LITER		7C	
	129-00-0	Pyrene	10	U	UG/LITER		7C	
	121-14-2	2,4-Dinitrotoluene	10	U	UG/LITER		7C	
	118-74-1	Hexachlorobenzene	10	U	UG/LITER		7C	
	111-44-4	bis(2-Chloroethyl)ether	10	U	UG/LITER		7C	
	106-46-7	1,4-Dichlorobenzene	10	U	UG/LITER		7C	
	100-51-6	Benzyl alcohol	10	U	UG/LITER		7C	
	98-95-3	Nitrobenzene	10	U	UG/LITER		7C	
	95-48-7	2-Methylphenol	10	U	UG/LITER		7C	
	91-20-3	Naphthalene	10	U	UG/LITER		7C	
	87-86-5	Pentachlorophenol	50	U	UG/LITER		7C	
	78-59-1	Isophorone	10	U	UG/LITER		7C	
	83-32-9	Acenaphthene	10	U	UG/LITER		7C	
[redacted]	84-66-2	Diethyl phthalate	2	J	UG/LITER		7C	
	84-74-2	Di-n-butyl phthalate	10	U	UG/LITER		7C	
	85-01-8	Phenanthrene	10	U	UG/LITER		7C	
	86-30-6	N-Nitrosodiphenylamine	10	U	UG/LITER		7C	
	86-73-7	Fluorene	10	U	UG/LITER		7C	
	87-68-3	Hexachlorobutadiene	10	U	UG/LITER		7C	
	85-68-7	Butyl benzyl phthalate	10	U	UG/LITER		7C	

3 10 01219

APPENDIX A
ANALYTICAL RESULTS

SAMPLE NUM	PARAMETER CODE	COMPOUND/ANALYTE	RESULTS	QUALIFIER	UNITS	PRODUCT CODE	SAMPLE LOCATION	FLAG
	59-50-7	4-Chloro-3-methylphenol	10	U	UG/LITER	ME 702	7C	TRG
	65-85-0	Benzoic acid	50	U	UG/LITER		7C	
	67-72-1	Hexachloroethane	10	U	UG/LITER		7C	
	77-47-4	Hexachlorocyclopentadiene	10	U	UG/LITER		7C	
	53-70-3	Dibenzo(a,h)anthracene	10	U	UG/LITER		7C	
	56-55-3	Benzo(a)anthracene	10	U	UG/LITER		7C	
	51-28-5	2,4-Dinitrophenol	50	U	UG/LITER		7C	
	56-23-5	Carbon Tetrachloride	5	U	UG/LITER	MV 702	7C	
	67-66-3	Chloroform	5	U	UG/LITER		7C	
	75-35-4	1,1-Dichloroethene	5	U	UG/LITER		7C	
	78-87-5	1,2-Dichloropropane	5	U	UG/LITER		7C	
	79-00-5	1,1,2-Trichloroethane	5	U	UG/LITER		7C	
	79-01-6	Trichloroethene	5	U	UG/LITER		7C	
	79-34-5	1,1,2,2-Tetrachloroethane	5	U	UG/LITER		7C	
	100-41-4	Ethylbenzene	5	U	UG/LITER		7C	
	100-42-5	Styrene	5	U	UG/LITER		7C	
	107-06-2	1,2-Dichloroethane	5	U	UG/LITER		7C	
	108-05-4	Vinyl Acetate	10	U	UG/LITER		7C	
	108-10-1	4-Methyl-2-pentanone	10	U	UG/LITER		7C	
	108-90-7	Chlorobenzene	5	U	UG/LITER		7C	
	124-48-1	Dibromochloromethane	5	U	UG/LITER		7C	
	127-18-4	Tetrachlorethene	5	U	UG/LITER		7C	
	540-59-0	1,2-Dichloroethylene	5	U	UG/LITER		7C	
	591-78-6	2-Hexanone	10	U	UG/LITER		7C	
	1330-20-7	Total xylenes	5	U	UG/LITER		7C	
	10061-02-6	trans-1,3-Dichloropropene	5	U	UG/LITER		7C	
	10061-01-5	cis-1,3-Dichloropropene	5	U	UG/LITER		7C	
	108-88-3	Toluene	5	U	UG/LITER		7C	
	78-93-3	2-Butanone	10	U	UG/LITER		7C	
	75-00-3	Chloroethane	10	U	UG/LITER		7C	
	75-01-4	Vinyl chloride	10	U	UG/LITER		7C	
	75-15-0	Carbon disulfide	5	U	UG/LITER		7C	
	75-25-2	Bromoform	5	U	UG/LITER		7C	
	75-27-4	Bromodichloromethane	5	U	UG/LITER		7C	
	75-34-3	1,1-Dichloroethane	5	U	UG/LITER		7C	
	75-09-2	Methylene chloride	5	U	UG/LITER		7C	
	71-43-2	Benzene	5	U	UG/LITER		7C	
	74-87-3	Chloromethane	10	U	UG/LITER		7C	
	74-83-9	Bromomethane	10	U	UG/LITER		7C	
	71-55-6	1,1,1-Trichloroethane	5	U	UG/LITER		7C	
	67-64-1	Acetone	8	J	UG/LITER		7C	
	57-12-5	Cyanide	10	U	UG/LITER	WW 034	7C	

APPENDIX A
ANALYTICAL RESULTS

3 10 01220

SAMPLE NUMB	PARAMETER CODE	COMPOUND/ANALYTE	RESULTS	QUALIFIER	UNITS	PRODUCT CODE	SAMPLE LOCATION	FLAG
	7439-92-1	Lead	30	S	UG/LITER	AG 702	7C	TRG
	7782-49-2	Selenium	2	U	UG/LITER		7C	
	7440-38-2	Arsenic	2	U	UG/LITER		7C	
	7440-28-0	Thallium	2	U	UG/LITER		7C	
	7429-90-5	Aluminum	7270		UG/LITER	AP 703	7C	
	7440-41-7	Beryllium	1	B	UG/LITER		7C	
	7440-43-9	Cadmium	35		UG/LITER		7C	
	7440-47-3	Chromium	13		UG/LITER		7C	
	7440-48-4	Cobalt	20	U	UG/LITER		7C	
	7440-62-2	Vanadium	22	B	UG/LITER		7C	
	7440-50-8	Copper	112		UG/LITER		7C	
	7440-66-6	Zinc	429		UG/LITER		7C	
	7440-70-2	Calcium	6260		UG/LITER		7C	
	7440-39-3	Barium	72	B	UG/LITER		7C	
	7440-36-0	Antimony	30	U	UG/LITER		7C	
	7440-23-5	Sodium	21500		UG/LITER		7C	
	7440-22-4	Silver	5	U	UG/LITER		7C	
	7439-96-5	Manganese	45		UG/LITER		7C	
	7440-02-0	Nickel	20	U	UG/LITER		7C	
	7440-09-7	Potassium	4250	B	UG/LITER		7C	
	7439-95-4	Magnesium	705	B	UG/LITER		7C	
	7439-89-6	Iron	5290		UG/LITER		7C	
	7439-97-6	Mercury	.2	U	UG/LITER	AV 002	7C	
	50-29-3	4,4'-DDT	.1	U	UG/LITER	GC 720	7C	
	11097-69-1	Aroclor-1254	1	U	UG/LITER		7C	
	72-20-8	Endrin	.1	U	UG/LITER		7C	
	11104-28-2	Aroclor-1221	.5	U	UG/LITER		7C	
	11141-16-5	Aroclor-1232	.5	U	UG/LITER		7C	
	72-43-5	Methoxychlor	.5	U	UG/LITER		7C	
	72-54-8	4,4'-DDD	.1	U	UG/LITER		7C	
	12672-29-6	Aroclor-1248	.5	U	UG/LITER		7C	
	12674-11-2	Aroclor-1016	.5	U	UG/LITER		7C	
	33213-65-9	Endosulfan II	.1	U	UG/LITER		7C	
	53469-21-9	Aroclor-1242	.5	U	UG/LITER		7C	
	53494-70-5	Endrin ketone	.1	U	UG/LITER		7C	
	1024-57-3	Heptachlor epoxide	.05	U	UG/LITER		7C	
	1031-07-8	Endosulfan sulfate	.1	U	UG/LITER		7C	
	5103-71-9	alpha-Chlordane	.5	U	UG/LITER		7C	
	5103-74-2	gamma-Chlordane	.5	U	UG/LITER		7C	
	11096-82-5	Aroclor-1260	1	U	UG/LITER		7C	
	8001-35-2	Toxaphene	1	U	UG/LITER		7C	
	959-98-8	Endosulfan-I	.05	U	UG/LITER		7C	
	319-86-8	delta-BHC	.05	U	UG/LITER		7C	
	72-55-9	4,4'-DDE	.1	U	UG/LITER		7C	
	319-85-7	beta-BHC	.05	U	UG/LITER		7C	
	319-84-6	alpha-BHC	.05	U	UG/LITER		7C	
	309-00-2	Aldrin	.05	U	UG/LITER		7C	
	76-44-8	Heptachlor	.05	U	UG/LITER		7C	
	60-57-1	Dieldrin	.1	U	UG/LITER		7C	
	58-89-9	gamma-BHC (Lindane)	.05	U	UG/LITER		7C	
	50-32-8	Benzo(a)pyrene	10	U	UG/LITER	ME 702	7C	
	53-70-3	Dibenzo(a,h)anthracene	10	U	UG/LITER		7C	

3 10 01221

APPENDIX A
ANALYTICAL RESULTS

SAMPLE NUMB	PARAMETER CODE	COMPOUND/ANALYTE	RESULTS	QUALIFIER	UNITS	PRODUCT CODE	SAMPLE LOCATION	FLAG
	84-66-2	Diethyl phthalate	10	U	UG/LITER	ME 702	7C	TRG
	108-95-2	Phenol	10	U	UG/LITER		7C	
	111-44-4	bis(2-Chloroethyl)ether	10	U	UG/LITER		7C	
	111-91-1	bis(2-Chloroethoxy)methane	10	U	UG/LITER		7C	
	117-81-7	bis(2-Ethylhexyl) phthalate	10	U	UG/LITER		7C	
	84-74-2	Di-n-butyl phthalate	10	U	UG/LITER		7C	
	91-20-3	Naphthalene	10	U	UG/LITER		7C	
	117-84-0	Di-n-octyl phthalate	10	U	UG/LITER		7C	
	118-74-1	Hexachlorobenzene	10	U	UG/LITER		7C	
	120-12-7	Anthracene	10	U	UG/LITER		7C	
	120-82-1	1,2,4-Trichlorobenzene	10	U	UG/LITER		7C	
	120-83-2	2,4-Dichlorophenol	10	U	UG/LITER		7C	
	121-14-2	2,4-Dinitrotoluene	10	U	UG/LITER		7C	
	131-11-3	Dimethyl phthalate	10	U	UG/LITER		7C	
	132-64-9	Dibenzofuran	10	U	UG/LITER		7C	
	191-24-2	Benzo(g,h,i)perylene	10	U	UG/LITER		7C	
	205-99-2	Benzo(b)fluoranthene	10	U	UG/LITER		7C	
	206-44-0	Fluoranthene	10	U	UG/LITER		7C	
	207-08-9	Benzo(k)fluoranthene	10	U	UG/LITER		7C	
	218-01-9	Chrysene	10	U	UG/LITER		7C	
	208-96-8	Acenaphthylene	10	U	UG/LITER		7C	
	193-39-5	Indeno(1,2,3-cd)pyrene	10	U	UG/LITER		7C	
	534-52-1	4,6-Dinitro-2-methylphenol	50	U	UG/LITER		7C	
	541-73-1	1,3-Dichlorobenzene	10	U	UG/LITER		7C	
	606-20-2	2,6-Dinitrotoluene	10	U	UG/LITER		7C	
	621-64-7	N-Nitroso-di-n-propylamine	10	U	UG/LITER		7C	
	7005-72-3	4-Chlorophenylphenyl ether	10	U	UG/LITER		7C	
	129-00-0	Pyrene	10	U	UG/LITER		7C	
	91-57-6	2-Methylnaphthalene	10	U	UG/LITER		7C	
	91-58-7	2-Chloronaphthalene	10	U	UG/LITER		7C	
	91-94-1	3,3'-Dichlorobenzidine	20	U	UG/LITER		7C	
	95-50-1	1,2-Dichlorobenzene	10	U	UG/LITER		7C	
	95-48-7	2-Methylphenol	10	U	UG/LITER		7C	
	95-57-8	2-Chlorophenol	10	U	UG/LITER		7C	
	95-95-4	2,4,5-Trichlorophenol	50	U	UG/LITER		7C	
	98-95-3	Nitrobenzene	10	U	UG/LITER		7C	
	99-09-2	3-Nitroaniline	50	U	UG/LITER		7C	
	100-01-6	4-Nitroaniline	50	U	UG/LITER		7C	
	100-02-7	4-Nitrophenol	50	U	UG/LITER		7C	
	100-51-6	Benzyl alcohol	10	U	UG/LITER		7C	
	106-44-5	4-Methylphenol	10	U	UG/LITER		7C	
	106-46-7	1,4-Dichlorobenzene	10	U	UG/LITER		7C	
	105-67-9	2,4-Dimethylphenol	10	U	UG/LITER		7C	
	106-47-8	4-Chloroaniline	10	U	UG/LITER		7C	
	108-60-1	bis(2-Chloroisopropyl)ether	10	U	UG/LITER		7C	
	101-55-3	4-Bromophenyl phenyl ether	10	U	UG/LITER		7C	
	85-01-8	Phenanthrene	10	U	UG/LITER		7C	
	85-68-7	Butyl benzyl phthalate	10	U	UG/LITER		7C	
	86-73-7	Fluorene	10	U	UG/LITER		7C	
	87-68-3	Hexachlorobutadiene	10	U	UG/LITER		7C	
	87-86-5	Pentachlorophenol	50	U	UG/LITER		7C	
	88-06-2	2,4,6-Trichlorophenol	10	U	UG/LITER		7C	
	88-74-4	2-Nitroaniline	50	U	UG/LITER		7C	
	88-75-5	2-Nitrophenol	10	U	UG/LITER		7C	
	86-30-6	N-Nitrosodiphenylamine	10	U	UG/LITER		7C	
	83-32-9	Acenaphthene	10	U	UG/LITER		7C	

3 10 01222

APPENDIX A
ANALYTICAL RESULTS

SAMPLE NUM	PARAMETER CODE	COMPOUND/ANALYTE	RESULTS	QUALIFIER	UNITS	PRODUCT CODE	SAMPLE LOCATION	FLAG
	78-59-1	Isophorone	10	U	UG/LITER	ME 702	7C	TRG
	56-55-3	Benzo(a)anthracene	10	U	UG/LITER		7C	
	77-47-4	Hexachlorocyclopentadiene	10	U	UG/LITER		7C	
	67-72-1	Hexachloroethane	10	U	UG/LITER		7C	
	65-85-0	Benzoic acid	50	U	UG/LITER		7C	
	59-50-7	4-Chloro-3-methylphenol	10	U	UG/LITER		7C	
	51-28-5	2,4-Dinitrophenol	50	U	UG/LITER		7C	
	56-23-5	Carbon Tetrachloride	5	U	UG/LITER	MV 702	7C	
	67-66-3	Chloroform	5	U	UG/LITER		7C	
	75-25-2	Bromoform	5	U	UG/LITER		7C	
	107-06-2	1,2-Dichloroethane	5	U	UG/LITER		7C	
	108-05-4	Vinyl Acetate	10	U	UG/LITER		7C	
	108-10-1	4-Methyl-2-pentanone	10	U	UG/LITER		7C	
	108-88-3	Toluene	5	U	UG/LITER		7C	
	108-90-7	Chlorobenzene	5	U	UG/LITER		7C	
	124-48-1	Dibromochloromethane	5	U	UG/LITER		7C	
	75-27-4	Bromodichloromethane	5	U	UG/LITER		7C	
	127-18-4	Tetrachlorethene	5	U	UG/LITER		7C	
	540-59-0	1,2-Dichloroethylene	5	U	UG/LITER		7C	
	591-78-6	2-Hexanone	10	U	UG/LITER		7C	
	1330-20-7	Total xylenes	5	U	UG/LITER		7C	
	10061-01-5	cis-1,3-Dichloropropene	5	U	UG/LITER		7C	
	10061-02-6	trans-1,3-Dichloropropene	5	U	UG/LITER		7C	
	75-34-3	1,1-Dichloroethane	5	U	UG/LITER		7C	
	75-35-4	1,1-Dichloroethene	5	U	UG/LITER		7C	
	78-93-3	2-Butanone	10	U	UG/LITER		7C	
	79-00-5	1,1,2-Trichloroethane	5	U	UG/LITER		7C	
	79-01-6	Trichloroethene	5	U	UG/LITER		7C	
	79-34-5	1,1,2,2-Tetrachloroethane	5	U	UG/LITER		7C	
	100-41-4	Ethylbenzene	5	U	UG/LITER		7C	
	100-42-5	Styrene	5	U	UG/LITER		7C	
	78-87-5	1,2-Dichloropropane	5	U	UG/LITER		7C	
	75-15-0	Carbon disulfide	5	U	UG/LITER		7C	
	75-09-2	Methylene chloride	5	U	UG/LITER		7C	
	75-01-4	Vinyl chloride	10	U	UG/LITER		7C	
	75-00-3	Chloroethane	10	U	UG/LITER		7C	
	74-87-3	Chloromethane	10	U	UG/LITER		7C	
	74-83-9	Bromomethane	10	U	UG/LITER		7C	
	71-55-6	1,1,1-Trichloroethane	5	U	UG/LITER		7C	
	71-43-2	Benzene	5	U	UG/LITER		7C	
	67-64-1	Acetone	7	J	UG/LITER		7C	
	57-12-5	Cyanide	10	U	UG/LITER	WW 034	7C	

3 10 01223

APPENDIX A
ANALYTICAL RESULTS

SAMPLE NUM	PARAMETER CODE	COMPOUND/ANALYTE	RESULTS	QUALIFIER	UNITS	PRODUCT CODE	SAMPLE LOCATION	FLAG
	7439-92-1	Lead	7	S	UG/LITER	AG 702	9C	TRG
	7440-38-2	Arsenic	2	B	UG/LITER		9C	
	7782-49-2	Selenium	2	U	UG/LITER		9C	
	7440-28-0	Thallium	2	U	UG/LITER		9C	
	7429-90-5	Aluminum	1050		UG/LITER	AP 703	9C	
	7440-22-4	Silver	5	U	UG/LITER		9C	
	7440-36-0	Antimony	30	U	UG/LITER		9C	
	7440-41-7	Beryllium	1	U	UG/LITER		9C	
	7440-47-3	Chromium	10	U	UG/LITER		9C	
	7440-50-8	Copper	12	B	UG/LITER		9C	
	7440-66-6	Zinc	19	B	UG/LITER		9C	
	7440-70-2	Calcium	19200		UG/LITER		9C	
	7440-62-2	Vanadium	10	U	UG/LITER		9C	
	7440-48-4	Cobalt	20	U	UG/LITER		9C	
	7440-43-9	Cadmium	5	U	UG/LITER		9C	
	7440-39-3	Barium	105	B	UG/LITER		9C	
	7440-23-5	Sodium	14100		UG/LITER		9C	
	7440-09-7	Potassium	1000	U	UG/LITER		9C	
	7439-95-4	Magnesium	5290		UG/LITER		9C	
	7440-02-0	Nickel	20	U	UG/LITER		9C	
	7439-96-5	Manganese	184		UG/LITER		9C	
	7439-89-6	Iron	450		UG/LITER		9C	
	7439-97-6	Mercury	.2	U	UG/LITER	AV 002	9C	
	56-23-5	Carbon Tetrachloride	5	U	UG/LITER	MV 702	9C	
	108-88-3	Toluene	5	U	UG/LITER		9C	
	124-48-1	Dibromochloromethane	5	U	UG/LITER		9C	
	540-59-0	1,2-Dichloroethylene	5	U	UG/LITER		9C	
	1330-20-7	Total xylenes	5	U	UG/LITER		9C	
	10061-02-6	trans-1,3-Dichloropropene	5	U	UG/LITER		9C	
	10061-01-5	cis-1,3-Dichloropropene	5	U	UG/LITER		9C	
	591-78-6	2-Hexanone	10	U	UG/LITER		9C	
	127-18-4	Tetrachloroethene	5	U	UG/LITER		9C	
	108-90-7	Chlorobenzene	5	U	UG/LITER		9C	
	108-10-1	4-Methyl-2-pentanone	10	U	UG/LITER		9C	
	75-09-2	Methylene chloride	1	JB	UG/LITER		9C	
	75-15-0	Carbon disulfide	5	U	UG/LITER		9C	
	75-25-2	Bromoform	5	U	UG/LITER		9C	
	75-34-3	1,1-Dichloroethane	5	U	UG/LITER		9C	
	75-35-4	1,1-Dichloroethene	5	U	UG/LITER		9C	
	78-87-5	1,2-Dichloropropane	5	U	UG/LITER		9C	
	79-00-5	1,1,2-Trichloroethane	5	U	UG/LITER		9C	
	79-01-6	Trichloroethene	5	U	UG/LITER		9C	
	79-34-5	1,1,2,2-Tetrachloroethane	5	U	UG/LITER		9C	
	100-42-5	Styrene	5	U	UG/LITER		9C	
	107-06-2	1,2-Dichloroethane	5	U	UG/LITER		9C	
	108-05-4	Vinyl Acetate	10	U	UG/LITER		9C	
	100-41-4	Ethylbenzene	5	U	UG/LITER		9C	
	78-93-3	2-Butanone	10	U	UG/LITER		9C	
	75-27-4	Bromodichloromethane	5	U	UG/LITER		9C	
	75-01-4	Vinyl chloride	10	U	UG/LITER		9C	
	71-55-6	1,1,1-Trichloroethane	5	U	UG/LITER		9C	
	74-83-9	Bromomethane	10	U	UG/LITER		9C	
	74-87-3	Chloromethane	10	U	UG/LITER		9C	

3 10 01224

APPENDIX A
ANALYTICAL RESULTS

SAMPLE NUMB	PARAMETER CODE	COMPOUND/ANALYTE	RESULTS	QUALIFIER	UNITS	PRODUCT CODE	SAMPLE LOCATION	FLAG
J.	75-00-3	Chloroethane	10	U	UG/LITER	MV 702	9C	TRG
	67-66-3	Chloroform	5	U	UG/LITER		9C	
	71-43-2	Benzene	5	U	UG/LITER		9C	
	67-64-1	Acetone	19	B	UG/LITER		9C	
	57-12-5	Cyanide	10	U	UG/LITER	WW 034	9C	

3 10 01225

APPENDIX A
ANALYTICAL RESULTS

SAMPLE NUMB	PARAMETER CODE	COMPOUND/ANALYTE	RESULTS	QUALIFIER	UNITS	PRODUCT CODE	SAMPLE LOCATION	FLAG
	7439-92-1	Lead	5		UG/LITER	AG 702	3C	TRG
	7440-38-2	Arsenic	2	U	UG/LITER		3C	
	7782-49-2	Selenium	3	UW	UG/LITER		3C	
	7440-28-0	Thallium	2	U	UG/LITER		3C	
	7429-90-5	Aluminum	654		UG/LITER	AP 703	3C	
	7440-39-3	Barium	41	B	UG/LITER		3C	
	7440-41-7	Beryllium	1	U	UG/LITER		3C	
	7440-43-9	Cadmium	5	U	UG/LITER		3C	
	7440-47-3	Chromium	10	U	UG/LITER		3C	
	7440-48-4	Cobalt	20	U	UG/LITER		3C	
	7440-50-8	Copper	12	B	UG/LITER		3C	
	7440-62-2	Vanadium	10	U	UG/LITER		3C	
	7440-70-2	Calcium	3010	B	UG/LITER		3C	
	7440-66-6	Zinc	22		UG/LITER		3C	
	7440-36-0	Antimony	30	U	UG/LITER		3C	
	7440-09-7	Potassium	1000	U	UG/LITER		3C	
	7440-22-4	Silver	5	U	UG/LITER		3C	
	7440-23-5	Sodium	3030	B	UG/LITER		3C	
	7439-96-5	Manganese	51		UG/LITER		3C	
	7440-02-0	Nickel	20	U	UG/LITER		3C	
	7439-95-4	Magnesium	758	B	UG/LITER		3C	
	7439-89-6	Iron	966		UG/LITER		3C	
	7439-97-6	Mercury	.2	U	UG/LITER	AV 002	3C	
	56-23-5	Carbon Tetrachloride	5	U	UG/LITER	MV 702	3C	
	108-88-3	Toluene	5	U	UG/LITER		3C	
	124-48-1	Dibromochloromethane	5	U	UG/LITER		3C	
	127-18-4	Tetrachloroethene	5	U	UG/LITER		3C	
	540-59-0	1,2-Dichloroethylene	5	U	UG/LITER		3C	
	1330-20-7	Total xylenes	5	U	UG/LITER		3C	
	10061-01-5	cis-1,3-Dichloropropene	5	U	UG/LITER		3C	
	10061-02-6	trans-1,3-Dichloropropene	5	U	UG/LITER		3C	
	591-78-6	2-Hexanone	10	U	UG/LITER		3C	
	108-90-7	Chlorobenzene	5	U	UG/LITER		3C	
	75-15-0	Carbon disulfide	5	U	UG/LITER		3C	
	75-27-4	Bromodichloromethane	5	U	UG/LITER		3C	
	75-34-3	1,1-Dichloroethane	5	U	UG/LITER		3C	
	75-35-4	1,1-Dichloroethene	5	U	UG/LITER		3C	
	78-87-5	1,2-Dichloropropane	5	U	UG/LITER		3C	
	78-93-3	2-Butanone	10	U	UG/LITER		3C	
	79-00-5	1,1,2-Trichloroethane	5	U	UG/LITER		3C	
	79-01-6	Trichloroethene	5	U	UG/LITER		3C	
	100-41-4	Ethylbenzene	5	U	UG/LITER		3C	
	100-42-5	Styrene	5	U	UG/LITER		3C	
	107-06-2	1,2-Dichloroethane	5	U	UG/LITER		3C	
	108-05-4	Vinyl Acetate	10	U	UG/LITER		3C	
	108-10-1	4-Methyl-2-pentanone	10	U	UG/LITER		3C	
	79-34-5	1,1,2,2-Tetrachloroethane	5	U	UG/LITER		3C	
	75-25-2	Bromoform	5	U	UG/LITER		3C	
	74-83-9	Bromomethane	10	U	UG/LITER		3C	
	74-87-3	Chloromethane	10	U	UG/LITER		3C	
	75-00-3	Chloroethane	10	U	UG/LITER		3C	
	75-01-4	Vinyl chloride	10	U	UG/LITER		3C	
	75-09-2	Methylene chloride	5	U	UG/LITER		3C	

3 10 01226

APPENDIX A
ANALYTICAL RESULTS

SAMPLE NUMBER	PARAMETER CODE	COMPOUND/ANALYTE	RESULTS	QUALIFIER	UNITS	PRODUCT CODE	SAMPLE LOCATION	FLAG
[redacted]	67-66-3	Chloroform	5	U	UG/LITER	MV 702	3C	TRG
	71-55-6	1,1,1-Trichloroethane	5	U	UG/LITER		3C	
	71-43-2	Benzene	5	U	UG/LITER		3C	
	67-64-1	Acetone	3	JB	UG/LITER		3C	
	57-12-5	Cyanide	10	U	UG/LITER	WW 034	3C	

3 10 01227

APPENDIX A
ANALYTICAL RESULTS

SAMPLE NUMBER	PARAMETER CODE	COMPOUND/ANALYTE	RESULTS	QUALIFIER	UNITS	PRODUCT CODE	SAMPLE LOCATION	FLAG
	7439-92-1	Lead	5	U	UG/LITER	AG 702	12C	TRG
	7440-28-0	Thallium	2	U	UG/LITER		12C	
	7440-38-2	Arsenic	2	U	UG/LITER		12C	
	7782-49-2	Selenium	2	U	UG/LITER		12C	
	7429-90-5	Aluminum	1020		UG/LITER	AP 703	12C	
	7439-89-6	Iron	264		UG/LITER		12C	
	7439-95-4	Magnesium	336	B	UG/LITER		12C	
	7439-96-5	Manganese	43		UG/LITER		12C	
	7440-02-0	Nickel	20	U	UG/LITER		12C	
	7440-09-7	Potassium	1000	U	UG/LITER		12C	
	7440-22-4	Silver	5	U	UG/LITER		12C	
	7440-23-5	Sodium	6870		UG/LITER		12C	
	7440-36-0	Antimony	30	U	UG/LITER		12C	
	7440-39-3	Barium	25	B	UG/LITER		12C	
	7440-41-7	Beryllium	1	U	UG/LITER		12C	
	7440-43-9	Cadmium	5	U	UG/LITER		12C	
	7440-47-3	Chromium	10	U	UG/LITER		12C	
	7440-48-4	Cobalt	20	U	UG/LITER		12C	
	7440-50-8	Copper	12	B	UG/LITER		12C	
	7440-62-2	Vanadium	10	U	UG/LITER		12C	
	7440-66-6	Zinc	17	B	UG/LITER		12C	
	7440-70-2	Calcium	2430	B	UG/LITER		12C	
	7439-97-6	Mercury	.2	U	UG/LITER	AV 002	12C	
	56-23-5	Carbon Tetrachloride	5	U	UG/LITER	MV 702	12C	
	67-64-1	Acetone	4	JB	UG/LITER		12C	
	67-66-3	Chloroform	5	U	UG/LITER		12C	
	71-43-2	Benzene	5	U	UG/LITER		12C	
	71-55-6	1,1,1-Trichloroethane	5	U	UG/LITER		12C	
	74-83-9	Bromomethane	10	U	UG/LITER		12C	
	74-87-3	Chloromethane	10	U	UG/LITER		12C	
	75-00-3	Chloroethane	10	U	UG/LITER		12C	
	75-01-4	Vinyl chloride	10	U	UG/LITER		12C	
	75-09-2	Methylene chloride	5	U	UG/LITER		12C	
	75-15-0	Carbon disulfide	5	U	UG/LITER		12C	
	75-25-2	Bromoform	5	U	UG/LITER		12C	
	75-27-4	Bromodichloromethane	5	U	UG/LITER		12C	
	75-34-3	1,1-Dichloroethane	5	U	UG/LITER		12C	
	75-35-4	1,1-Dichloroethene	5	U	UG/LITER		12C	
	78-87-5	1,2-Dichloropropane	5	U	UG/LITER		12C	
	78-93-3	2-Butanone	10	U	UG/LITER		12C	
	79-00-5	1,1,2-Trichloroethane	5	U	UG/LITER		12C	
	79-01-6	Trichloroethene	5	U	UG/LITER		12C	
	79-34-5	1,1,2,2-Tetrachloroethane	5	U	UG/LITER		12C	
	100-41-4	Ethylbenzene	5	U	UG/LITER		12C	
	100-42-5	Styrene	5	U	UG/LITER		12C	
	107-06-2	1,2-Dichloroethane	5	U	UG/LITER		12C	
	108-05-4	Vinyl Acetate	10	U	UG/LITER		12C	
	108-10-1	4-Methyl-2-pentanone	10	U	UG/LITER		12C	
	108-88-3	Toluene	5	U	UG/LITER		12C	
	108-90-7	Chlorobenzene	5	U	UG/LITER		12C	
	124-48-1	Dibromochloromethane	5	U	UG/LITER		12C	
	127-18-4	Tetrachloroethene	5	U	UG/LITER		12C	
	540-59-0	1,2-Dichloroethylene	5	U	UG/LITER		12C	

3 10 01228

APPENDIX A
ANALYTICAL RESULTS

SAMP	PARAMETER CODE	COMPOUND/ANALYTE	RESULTS	QUALIFIER	UNITS	PRODUCT CODE	SAMPLE LOCATION	FLAG
J1582	591-78-6	2-Hexanone	10	U	UG/LITER	MV 702	12C	TRG
	1330-20-7	Total xylenes	5	U	UG/LITER		12C	
	10061-01-5	cis-1,3-Dichloropropene	5	U	UG/LITER		12C	
	10061-02-6	trans-1.3-Dichloropropene	5	U	UG/LITER		12C	
	57-12-5	Cyanide	10	U	UG/LITER	WW 034	12C	

3 10 01229

Lab Sample: 117680 Blank Number: GM10890602VB
Client Sample: J1571 Prep Date:
Product Code: MV 705 Analysis Date: 06/02/89
Project Code: 1T5K47410 Nonconformances: N

Parameter	Compound	Result	Qualifier	Units	TIC
74873	Chloromethane	11.0000	U	UG/KG	N
74839	Bromomethane	11.0000	U	UG/KG	N
75014	Vinyl chloride	11.0000	U	UG/KG	N
75003	Chloroethane	11.0000	U	UG/KG	N
75092	Methylene chloride	5.0000	B	UG/KG	N
67641	Acetone	22.0000		UG/KG	N
75150	Carbon disulfide	5.0000	U	UG/KG	N
75354	1,1-Dichloroethene	5.0000	U	UG/KG	N
75343	1,1-Dichloroethane	5.0000	U	UG/KG	N
540590	1,2-Dichloroethylene	5.0000	U	UG/KG	N
67663	Chloroform	5.0000	U	UG/KG	N
107062	1,2-Dichloroethane	5.0000	U	UG/KG	N
78933	2-Butanone	11.0000	U	UG/KG	N
71556	1,1,1-Trichloroethane	5.0000	U	UG/KG	N
56235	Carbon Tetrachloride	5.0000	U	UG/KG	N
108054	Vinyl Acetate	11.0000	U	UG/KG	N
75274	Bromodichloromethane	5.0000	U	UG/KG	N
78875	1,2-Dichloropropane	5.0000	U	UG/KG	N
10061015	cis-1,3-Dichloropropene	5.0000	U	UG/KG	N
79016	Trichloroethene	5.0000	U	UG/KG	N
124481	Dibromochloromethane	5.0000	U	UG/KG	N
79005	1,1,2-Trichloroethane	5.0000	U	UG/KG	N
71432	Benzene	5.0000	U	UG/KG	N
10061026	trans-1,3-Dichloropropene	5.0000	U	UG/KG	N
75252	Bromoform	5.0000	U	UG/KG	N
108101	4-Methyl-2-pentanone	11.0000	U	UG/KG	N
591786	2-Hexanone	11.0000	U	UG/KG	N
127184	Tetrachloroethene	5.0000	U	UG/KG	N
79345	1,1,2,2-Tetrachloroethane	5.0000	U	UG/KG	N
108883	Toluene	3.0000	J	UG/KG	N
108907	Chlorobenzene	5.0000	U	UG/KG	N
100414	Ethylbenzene	5.0000	U	UG/KG	N
100425	Styrene	5.0000	U	UG/KG	N
1330207	Total xylenes	5.0000	U	UG/KG	N
0-001	% Moisture	8.0030		% MOISTURE	N

3 10 01230

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Lab Sample: I19681 Blank Number: QM10B90602V5
Client Sample: J1572 Prep Date:
Product Code: MV 703 Analysis Date: 06/02/89
Project Code: ITEX42410 Nonconformances: N

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Parameter	Compound	Result	Qualifier	Units	TIC
74873	Chloromethane	12.0000	U	UG/KG	N
74839	Bromomethane	12.0000	U	UG/KG	N
75014	Vinyl chloride	12.0000	U	UG/KG	N
75003	Chloroethane	12.0000	U	UG/KG	N
75092	Methylene chloride	12.0000	B	UG/KG	N
67641	Acetone	31.0000		UG/KG	N
75150	Carbon disulfide	6.0000	U	UG/KG	N
75354	1,1-Dichloroethene	6.0000	U	UG/KG	N
75343	1,1-Dichloroethane	6.0000	U	UG/KG	N
540590	1,2-Dichloroethylene	6.0000	U	UG/KG	N
67663	Chloroform	6.0000	U	UG/KG	N
107062	1,2-Dichloroethane	6.0000	U	UG/KG	N
[illegible]933	2-Butanone	12.0000	U	UG/KG	N
[illegible]	1,1,1-Trichloroethane	6.0000	U	UG/KG	N
[illegible]235	Carbon Tetrachloride	6.0000	U	UG/KG	N
108054	Vinyl Acetate	12.0000	U	UG/KG	N
75274	Bromodichloromethane	6.0000	U	UG/KG	N
78875	1,2-Dichloropropane	6.0000	U	UG/KG	N
10061015	cis-1,3-Dichloropropene	6.0000	U	UG/KG	N
79016	Trichloroethene	6.0000	U	UG/KG	N
124481	Dibromochloromethane	6.0000	U	UG/KG	N
79005	1,1,2-Trichloroethane	6.0000	U	UG/KG	N
71432	Benzene	6.0000	U	UG/KG	N
10061026	trans-1,3-Dichloropropene	6.0000	U	UG/KG	N
75252	Bromoform	6.0000	U	UG/KG	N
108101	4-Methyl-2-pentanone	12.0000	U	UG/KG	N
591786	2-Hexanone	12.0000	U	UG/KG	N
127184	Tetrachlorethene	6.0000	U	UG/KG	N
79345	1,1,2,2-Tetrachloroethane	6.0000	U	UG/KG	N
108883	Toluene	6.0000	U	UG/KG	N
108907	Chlorobenzene	6.0000	U	UG/KG	N
100414	Ethylbenzene	6.0000	U	UG/KG	N
100425	Styrene	6.0000	U	UG/KG	N
1330207	Total xylenes	6.0000	U	UG/KG	N
D-001	% Moisture	20.0000		% MOISTURE	N

3 10 01231

Lab Sample: 179682 Blank Number: SM1089868ZCB
Client Sample: J1573 Prep Date:
Product Code: MV 705 Analysis Date: 06/02/89
Project Code: 7TEK47418 Nonconformances: N

Parameter	Compound	Result	Qualifier	Units	TIC
74873	Chloromethane	12.0000	U	UG/KG	N
74839	Bromomethane	12.0000	U	UG/KG	N
75014	Vinyl chloride	12.0000	U	UG/KG	N
75003	Chloroethane	12.0000	U	UG/KG	N
75092	Methylene chloride	13.0000	B	UG/KG	N
67641	Acetone	35.0000	B	UG/KG	N
75150	Carbon disulfide	6.0000	U	UG/KG	N
75354	1,1-Dichloroethene	6.0000	U	UG/KG	N
75343	1,1-Dichloroethane	6.0000	U	UG/KG	N
540590	1,2-Dichloroethylene	6.0000	U	UG/KG	N
67663	Chloroform	6.0000	U	UG/KG	N
107062	1,2-Dichloroethane	6.0000	U	UG/KG	N
787	2-Butanone	12.0000	U	UG/KG	N
56	1,1,1-Trichloroethane	6.0000	U	UG/KG	N
5275	Carbon Tetrachloride	6.0000	U	UG/KG	N
108054	Vinyl Acetate	12.0000	U	UG/KG	N
75274	Bromodichloromethane	6.0000	U	UG/KG	N
78875	1,2-Dichloropropane	6.0000	U	UG/KG	N
10061015	cis-1,3-Dichloropropene	6.0000	U	UG/KG	N
79016	Trichloroethene	6.0000	U	UG/KG	N
124481	Dibromochloromethane	6.0000	U	UG/KG	N
79005	1,1,2-Trichloroethane	6.0000	U	UG/KG	N
71432	Benzene	6.0000	U	UG/KG	N
10061026	trans-1,3-Dichloropropene	6.0000	U	UG/KG	N
75252	Bromoform	6.0000	U	UG/KG	N
108101	4-Methyl-2-pentanone	12.0000	U	UG/KG	N
591786	2-Hexanone	12.0000	U	UG/KG	N
127184	Tetrachloroethene	6.0000	U	UG/KG	N
79345	1,1,2,2-Tetrachloroethane	6.0000	U	UG/KG	N
108883	Toluene	6.0000	U	UG/KG	N
108907	Chlorobenzene	6.0000	U	UG/KG	N
100414	Ethylbenzene	6.0000	U	UG/KG	N
100425	Styrene	6.0000	U	UG/KG	N
1330207	Total xylenes	6.0000	U	UG/KG	N
8-001	% Moisture	14.0000		% MOISTURE	N

3 10 01232

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Lab Sample: II9688 | Blank Number: GM13B9052472
Client Sample: J1573 | Prep Date: 05/24/89
Product Code: ME 705 | Analysis Date: 06/15/89
Project Code: ITEK43410 | Nonconformances: N

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Parameter	Compound	Result	Qualifier	Units	TIC
108952	Phenol	420.0000	U	UG/KG	N
111444	bis(2-Chloroethyl)ether	420.0000	U	UG/KG	N
95578	2-Chlorophenol	420.0000	U	UG/KG	N
541731	1,3-Dichlorobenzene	420.0000	U	UG/KG	N
106467	1,4-Dichlorobenzene	420.0000	U	UG/KG	N
100516	Benzyl alcohol	420.0000	U	UG/KG	N
95501	1,2-Dichlorobenzene	420.0000	U	UG/KG	N
95487	2-Methylphenol	420.0000	U	UG/KG	N
108601	bis(2-Chloroisopropyl)ether	420.0000	U	UG/KG	N
106445	4-Methylphenol	420.0000	U	UG/KG	N
621647	N-Nitroso-di-n-propylamine	420.0000	U	UG/KG	N
67721	Hexachloroethane	420.0000	U	UG/KG	N
98953	Nitrobenzene	420.0000	U	UG/KG	N
591	Isophorone	420.0000	U	UG/KG	N
88755	2-Nitrophenol	420.0000	U	UG/KG	N
105679	2,4-Dimethylphenol	420.0000	U	UG/KG	N
65850	Benzoic acid	420.0000	U	UG/KG	N
111911	bis(2-Chloroethoxy)methane	420.0000	U	UG/KG	N
120832	2,4-Dichlorophenol	420.0000	U	UG/KG	N
120821	1,2,4-Trichlorobenzene	420.0000	U	UG/KG	N
91203	Naphthalene	420.0000	U	UG/KG	N
106478	4-Chloroaniline	420.0000	U	UG/KG	N
87683	Hexachlorobutadiene	420.0000	U	UG/KG	N
59507	4-Chloro-3-methylphenol	420.0000	U	UG/KG	N
91576	2-Methylnaphthalene	420.0000	U	UG/KG	N
77474	Hexachlorocyclopentadiene	420.0000	U	UG/KG	N
88062	2,4,6-Trichlorophenol	420.0000	U	UG/KG	N
95954	2,4,5-Trichlorophenol	2000.0000	U	UG/KG	N
91587	2-Chloronaphthalene	420.0000	U	UG/KG	N
88744	2-Nitroaniline	2000.0000	U	UG/KG	N
131113	Dimethyl phthalate	420.0000	U	UG/KG	N
208968	Acenaphthylene	420.0000	U	UG/KG	N
606202	2,6-Dinitrotoluene	420.0000	U	UG/KG	N
99092	3-Nitroaniline	2000.0000	U	UG/KG	N
83329	Acenaphthene	420.0000	U	UG/KG	N
51285	2,4-Dinitrophenol	2000.0000	U	UG/KG	N
100027	4-Nitrophenol	2000.0000	U	UG/KG	N
132649	Dibenzofuran	420.0000	U	UG/KG	N
[illegible]142	2,4-Dinitrotoluene	420.0000	U	UG/KG	N
[illegible]662	Diethyl phthalate	420.0000	U	UG/KG	N
7005723	4-Chlorophenylphenyl ether	420.0000	U	UG/KG	N
86737	Fluorene	420.0000	U	UG/KG	N
100016	4-Nitroaniline	2000.0000	U	UG/KG	N

3 10 01233

534521	4,6-Dinitro-2-methylphenol	2000.0000	U	UG/KG	N
86306	N-Nitrosodiphenylamine	420.0000	U	UG/KG	N
01553	4-Bromophenyl phenyl ether	420.0000	U	UG/KG	N
118741	Hexachlorobenzene	420.0000	U	UG/KG	N
87865	Pentachlorophenol	2000.0000	U	UG/KG	N
85018	Phenanthrene	420.0000	U	UG/KG	N
120127	Anthracene	420.0000	U	UG/KG	N
84742	Di-n-butyl phthalate	420.0000	U	UG/KG	N
206440	Fluoranthene	420.0000	U	UG/KG	N
129000	Pyrene	420.0000	U	UG/KG	N
85687	Butyl benzyl phthalate	420.0000	U	UG/KG	N
91941	3,3'-Dichlorobenzidine	830.0000	U	UG/KG	N
56553	Benzo(a)anthracene	420.0000	U	UG/KG	N
218019	Chrysene	420.0000	U	UG/KG	N
117817	bis(2-Ethylhexyl) phthalate	230.0000	BJ	UG/KG	N
117840	Di-n-octyl phthalate	420.0000	U	UG/KG	N
205992	Benzo(b)fluoranthene	420.0000	U	UG/KG	N
207089	Benzo(k)fluoranthene	420.0000	U	UG/KG	N
50328	Benzo(a)pyrene	420.0000	U	UG/KG	N
193395	Indeno(1,2,3-cd)pyrene	420.0000	U	UG/KG	N
53703	Dibenzo(a,h)anthracene	420.0000	U	UG/KG	N
191242	Benzo(g,h,i)perylene	420.0000	U	UG/KG	N
C-001	% Moisture	21.0000		% MOISTURE	N

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Lab Sample: II9688
Client Sample: J1573
Product Code: GC 723
Project Code: ITEX43410

Blank Number: GS17B90524T1
Prep Date: 05/24/89
Analysis Date: 05/26/89
Nonconformances: N

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Parameter	Compound	Result	Qualifier	Units	TIC
319846	alpha-BHC	10.0000	U	UG/KG	N
319857	beta-BHC	10.0000	U	UG/KG	N
319868	delta-BHC	10.0000	U	UG/KG	N
58899	gamma-BHC (Lindane)	10.0000	U	UG/KG	N
76448	Heptachlor	10.0000	U	UG/KG	N
309002	Aldrin	10.0000	U	UG/KG	N
1024573	Heptachlor epoxide	10.0000	U	UG/KG	N
959988	Endosulfan-I	10.0000	U	UG/KG	N
60571	Dieldrin	20.0000	U	UG/KG	N
72559	4,4'-DDE	20.0000	U	UG/KG	N
72208	Endrin	20.0000	U	UG/KG	N
33213659	Endosulfan II	20.0000	U	UG/KG	N
72548	4,4'-DDD	20.0000	U	UG/KG	N
[illegible]1078	Endosulfan sulfate	20.0000	U	UG/KG	N
50293	4,4'-DDT	20.0000	U	UG/KG	N
72435	Methoxychlor	100.0000	U	UG/KG	N
53494705	Endrin ketone	20.0000	U	UG/KG	N
5103719	alpha-Chlordane	100.0000	U	UG/KG	N
5103742	gamma-Chlordane	100.0000	U	UG/KG	N
8001352	Toxaphene	200.0000	U	UG/KG	N
12674112	Aroclor-1016	100.0000	U	UG/KG	N
11104282	Aroclor-1221	100.0000	U	UG/KG	N
11141165	Aroclor-1232	100.0000	U	UG/KG	N
53469219	Aroclor-1242	100.0000	U	UG/KG	N
12672296	Aroclor-1248	100.0000	U	UG/KG	N
11097691	Aroclor-1254	200.0000	U	UG/KG	N
11096825	Aroclor-1260	200.0000	U	UG/KG	N
0-001	% Moisture	21.0000		% MOISTURE	N

3 10 01235

Lab Sample: II9683 Blank Number: BM1089062289
Client Sample: J1574 Prep Date:
Product Code: MV 705 Analysis Date: 06/02/89
Project Code: ITEK43418 Nonconformances: N

Parameter	Compound	Result	Qualifier	Units	TIC
74873	Chloroethane	13.0000	U	UG/KG	N
74839	Bromoethane	13.0000	U	UG/KG	N
75014	Vinyl chloride	13.0000	U	UG/KG	N
75003	Chloroethane	13.0000	U	UG/KG	N
75092	Methylene chloride	22.0000	B	UG/KG	N
67641	Acetone	64.0000		UG/KG	N
75150	Carbon disulfide	6.0000	U	UG/KG	N
75354	1,1-Dichloroethene	6.0000	U	UG/KG	N
75343	1,1-Dichloroethane	6.0000	U	UG/KG	N
540590	1,2-Dichloroethylene	6.0000	U	UG/KG	N
67663	Chloroform	6.0000	U	UG/KG	N
107062	1,2-Dichloroethane	6.0000	U	UG/KG	N
[illegible]	2-Butanone	13.0000	U	UG/KG	N
[illegible]	1,1,1-Trichloroethane	6.0000	U	UG/KG	N
56235	Carbon Tetrachloride	6.0000	U	UG/KG	N
108054	Vinyl Acetate	13.0000	U	UG/KG	N
75274	Bromodichloromethane	6.0000	U	UG/KG	N
78875	1,2-Dichloropropane	6.0000	U	UG/KG	N
10061015	cis-1,3-Dichloropropene	6.0000	U	UG/KG	N
79016	Trichloroethene	6.0000	U	UG/KG	N
124481	Dibromochloromethane	6.0000	U	UG/KG	N
79005	1,1,2-Trichloroethane	6.0000	U	UG/KG	N
71432	Benzene	6.0000	U	UG/KG	N
10061026	trans-1,3-Dichloropropene	6.0000	U	UG/KG	N
75252	Bromoform	6.0000	U	UG/KG	N
108101	4-Methyl-2-pentanone	13.0000	U	UG/KG	N
591786	2-Hexanone	13.0000	U	UG/KG	N
127184	Tetrachloroethene	6.0000	U	UG/KG	N
79345	1,1,2,2-Tetrachloroethane	6.0000	U	UG/KG	N
108883	Toluene	6.0000	U	UG/KG	N
108907	Chlorobenzene	6.0000	U	UG/KG	N
100414	Ethylbenzene	6.0000	U	UG/KG	N
100425	Styrene	6.0000	U	UG/KG	N
1330207	Total xylenes	6.0000	U	UG/KG	N
0-001	% Moisture	23.0000		% MOISTURE	N

3 10 01136

Lab Sample: II9689
Client Sample: J1574
Product Code: ME 705
Project Code: ITEK43410

Blank Number: GM13B90524T2
Prep Date: 05/24/89
Analysis Date: 06/15/89
Nonconformances: N

Parameter	Compound	Result	Qualifier	Units	TIC
108952	Phenol	950.0000	U	UG/KG	N
111444	bis(2-Chloroethyl)ether	950.0000	U	UG/KG	N
95578	2-Chlorophenol	950.0000	U	UG/KG	N
541731	1,3-Dichlorobenzene	950.0000	U	UG/KG	N
106467	1,4-Dichlorobenzene	950.0000	U	UG/KG	N
100516	Benzyl alcohol	950.0000	U	UG/KG	N
95501	1,2-Dichlorobenzene	950.0000	U	UG/KG	N
95487	2-Methylphenol	950.0000	U	UG/KG	N
108601	bis(2-Chloroisopropyl)ether	950.0000	U	UG/KG	N
106445	4-Methylphenol	950.0000	U	UG/KG	N
621647	N-Nitroso-di-n-propylamine	950.0000	U	UG/KG	N
67721	Hexachloroethane	950.0000	U	UG/KG	N
98953	Nitrobenzene	950.0000	U	UG/KG	N
78591	Isophorone	950.0000	U	UG/KG	N
88755	2-Nitrophenol	950.0000	U	UG/KG	N
105679	2,4-Dimethylphenol	950.0000	U	UG/KG	N
65850	Benzoic acid	1000.0000	J	UG/KG	N
111911	bis(2-Chloroethoxy)methane	950.0000	U	UG/KG	N
120832	2,4-Dichlorophenol	950.0000	U	UG/KG	N
120821	1,2,4-Trichlorobenzene	950.0000	U	UG/KG	N
91203	Naphthalene	950.0000	U	UG/KG	N
106478	4-Chloroaniline	950.0000	U	UG/KG	N
87683	Hexachlorobutadiene	950.0000	U	UG/KG	N
59507	4-Chloro-3-methylphenol	950.0000	U	UG/KG	N
91576	2-Methylnaphthalene	950.0000	U	UG/KG	N
77474	Hexachlorocyclopentadiene	950.0000	U	UG/KG	N
88062	2,4,6-Trichlorophenol	950.0000	U	UG/KG	N
95954	2,4,5-Trichlorophenol	4600.0000	U	UG/KG	N
91587	2-Chloronaphthalene	950.0000	U	UG/KG	N
88744	2-Nitroaniline	4600.0000	U	UG/KG	N
131113	Dimethyl phthalate	950.0000	U	UG/KG	N
208968	Acenaphthylene	950.0000	U	UG/KG	N
606202	2,6-Dinitrotoluene	950.0000	U	UG/KG	N
99092	3-Nitroaniline	4600.0000	U	UG/KG	N
83329	Acenaphthene	950.0000	U	UG/KG	N
51285	2,4-Dinitrophenol	4600.0000	U	UG/KG	N
100027	4-Nitrophenol	4600.0000	U	UG/KG	N
132649	Dibenzofuran	950.0000	U	UG/KG	N
121142	2,4-Dinitrotoluene	950.0000	U	UG/KG	N
84662	Diethyl phthalate	950.0000	U	UG/KG	N
7005723	4-Chlorophenylphenyl ether	950.0000	U	UG/KG	N
86737	Fluorene	950.0000	U	UG/KG	N
100016	4-Nitroaniline	4600.0000	U	UG/KG	N

3 10 01237

534521	4,6-Dinitro-2-methylphenol	4600.0000	U	UG/KG	N
86306	N-Nitrosodiphenylamine	950.0000	U	UG/KG	N
1553	4-Bromophenyl phenyl ether	950.0000	U	UG/KG	N
118741	Hexachlorobenzene	950.0000	U	UG/KG	N
87865	Pentachlorophenol	4600.0000	U	UG/KG	N
85018	Phenanthrene	950.0000	U	UG/KG	N
120127	Anthracene	950.0000	U	UG/KG	N
84742	Di-n-butyl phthalate	950.0000	U	UG/KG	N
206440	Fluoranthene	950.0000	U	UG/KG	N
129000	Pyrene	950.0000	U	UG/KG	N
85687	Butyl benzyl phthalate	950.0000	U	UG/KG	N
91941	3,3'-Dichlorobenzidine	1900.0000	U	UG/KG	N
56553	Benzo(a)anthracene	950.0000	U	UG/KG	N
218019	Chrysene	950.0000	U	UG/KG	N
117817	bis(2-Ethylhexyl) phthalate	2400.0000	J	UG/KG	N
117840	Di-n-octyl phthalate	120.0000	J	UG/KG	N
205992	Benzo(b)fluoranthene	950.0000	U	UG/KG	N
207089	Benzo(k)fluoranthene	950.0000	U	UG/KG	N
50328	Benzo(a)pyrene	950.0000	U	UG/KG	N
193395	Indeno(1,2,3-cd)pyrene	950.0000	U	UG/KG	N
53703	Dibenzo(a,h)anthracene	950.0000	U	UG/KG	N
191242	Benzo(g,h,i)perylene	950.0000	U	UG/KG	N
0-001	% Moisture	31.0000		% MOISTURE	N

3 10 01058

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Lab Sample: II9689
Client Sample: 31574
Product Code: SC 723
Project Code: ITEK43410

Blank Number: 0617B90524T1
Prep Date: 05/24/89
Analysis Date: 05/25/89
Nonconformances: N

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Parameter	Compound	Result	Qualifier	Units	TIC
319846	alpha-BHC	12.0000	U	UG/KG	N
319857	beta-BHC	12.0000	U	UG/KG	N
319868	delta-BHC	12.0000	U	UG/KG	N
58899	gamma-BHC (Lindane)	12.0000	U	UG/KG	N
76448	Heptachlor	12.0000	U	UG/KG	N
309002	Aldrin	12.0000	U	UG/KG	N
1024573	Heptachlor epoxide	12.0000	U	UG/KG	N
959988	Endosulfan-I	12.0000	U	UG/KG	N
60571	Dieldrin	23.0000	U	UG/KG	N
72559	4,4'-DDE	23.0000	U	UG/KG	N
72208	Endrin	23.0000	U	UG/KG	N
33213659	Endosulfan II	23.0000	U	UG/KG	N
[illegible]548	4,4'-DDD	23.0000	U	UG/KG	N
[illegible]1078	Endosulfan sulfate	23.0000	U	UG/KG	N
[illegible]0293	4,4'-DDT	23.0000	U	UG/KG	N
72435	Methoxychlor	120.0000	U	UG/KG	N
53494705	Endrin ketone	23.0000	U	UG/KG	N
5103719	alpha-Chlordane	120.0000	U	UG/KG	N
5103742	gamma-Chlordane	120.0000	U	UG/KG	N
8001352	Toxaphene	230.0000	U	UG/KG	N
12674112	Aroclor-1016	120.0000	U	UG/KG	N
11104282	Aroclor-1221	120.0000	U	UG/KG	N
11141165	Aroclor-1232	120.0000	U	UG/KG	N
53469219	Aroclor-1242	120.0000	U	UG/KG	N
12672296	Aroclor-1248	120.0000	U	UG/KG	N
11097691	Aroclor-1254	230.0000	U	UG/KG	N
11096825	Aroclor-1260	230.0000	U	UG/KG	N
0-001	% Moisture	31.0000		% MOISTURE	N

3 10 01239

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Lab Sample: II9684 Blank Number: GM100970622VB
Client Sample: J1579 Prep Date:
Product Code: MV 705 Analysis Date: 06/02/89
Project Code: ITEX4C410 Nonconformances: N

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Parameter	Compound	Result	Qualifier	Units	TIC
74873	Chloromethane	12.0000	U	UG/KG	N
74839	Bromomethane	12.0000	U	UG/KG	N
75014	Vinyl chloride	12.0000	U	UG/KG	N
75003	Chloroethane	12.0000	U	UG/KG	N
75092	Methylene chloride	6.0000	B	UG/KG	N
67641	Acetone	33.0000		UG/KG	N
75150	Carbon disulfide	6.0000	U	UG/KG	N
75354	1,1-Dichloroethene	6.0000	U	UG/KG	N
75343	1,1-Dichloroethane	6.0000	U	UG/KG	N
540590	1,2-Dichloroethylene	6.0000	U	UG/KG	N
67663	Chloroform	6.0000	U	UG/KG	N
107062	1,2-Dichloroethane	6.0000	U	UG/KG	N
78933	2-Butanone	12.0000	U	UG/KG	N
71556	1,1,1-Trichloroethane	6.0000	U	UG/KG	N
56235	Carbon Tetrachloride	6.0000	U	UG/KG	N
108054	Vinyl Acetate	12.0000	U	UG/KG	N
75274	Bromodichloromethane	6.0000	U	UG/KG	N
78875	1,2-Dichloropropane	6.0000	U	UG/KG	N
10061015	cis-1,3-Dichloropropene	6.0000	U	UG/KG	N
79016	Trichloroethene	6.0000	U	UG/KG	N
124481	Dibromochloromethane	6.0000	U	UG/KG	N
79005	1,1,2-Trichloroethane	6.0000	U	UG/KG	N
71432	Benzene	6.0000	U	UG/KG	N
10061026	trans-1,3-Dichloropropene	6.0000	U	UG/KG	N
75252	Bromoform	6.0000	U	UG/KG	N
108101	4-Methyl-2-pentanone	12.0000	U	UG/KG	N
591786	2-Hexanone	12.0000	U	UG/KG	N
127184	Tetrachloroethene	6.0000	U	UG/KG	N
79345	1,1,2,2-Tetrachloroethane	6.0000	U	UG/KG	N
108883	Toluene	4.0000	J	UG/KG	N
108907	Chlorobenzene	6.0000	U	UG/KG	N
100414	Ethylbenzene	6.0000	U	UG/KG	N
100425	Styrene	6.0000	U	UG/KG	N
1330207	Total xylenes	6.0000	U	UG/KG	N
0-001	% Moisture	20.0000		% MOISTURE	N

3 10 01240

Lab Sample: I19585
Client Sample: J1580
Product Code: MV 785
Project Code: ITEX43410

Blank Number: GM105906027B
Prep Date:
Analysis Date: 06/02/89
Nonconformances: N

Parameter	Compound	Result	Qualifier	Units	TIC
74873	Chloromethane	12.0000	U	UG/KG	N
74839	Bromomethane	12.0000	U	UG/KG	N
75014	Vinyl chloride	12.0000	U	UG/KG	N
75003	Chloroethane	12.0000	U	UG/KG	N
75092	Methylene chloride	29.0000	B	UG/KG	N
67641	Acetone	30.0000		UG/KG	N
75150	Carbon disulfide	6.0000	U	UG/KG	N
75354	1,1-Dichloroethene	6.0000	U	UG/KG	N
75343	1,1-Dichloroethane	6.0000	U	UG/KG	N
540590	1,2-Dichloroethylene	6.0000	U	UG/KG	N
67663	Chloroform	6.0000	U	UG/KG	N
107062	1,2-Dichloroethane	6.0000	U	UG/KG	N
78933	2-Butanone	12.0000	U	UG/KG	N
71556	1,1,1-Trichloroethane	6.0000	U	UG/KG	N
56235	Carbon Tetrachloride	6.0000	U	UG/KG	N
108054	Vinyl Acetate	12.0000	U	UG/KG	N
75274	Bromodichloromethane	6.0000	U	UG/KG	N
78875	1,2-Dichloropropane	6.0000	U	UG/KG	N
10061015	cis-1,3-Dichloropropene	6.0000	U	UG/KG	N
79016	Trichloroethene	6.0000	U	UG/KG	N
124481	Dibromochloromethane	6.0000	U	UG/KG	N
79005	1,1,2-Trichloroethane	6.0000	U	UG/KG	N
71432	Benzene	6.0000	U	UG/KG	N
10061026	trans-1,3-Dichloropropene	6.0000	U	UG/KG	N
75252	Bromoform	6.0000	U	UG/KG	N
108101	4-Methyl-2-pentanone	12.0000	U	UG/KG	N
591786	2-Hexanone	12.0000	U	UG/KG	N
127184	Tetrachlorethene	6.0000	U	UG/KG	N
79345	1,1,2,2-Tetrachloroethane	6.0000	U	UG/KG	N
108883	Toluene	6.0000	U	UG/KG	N
108907	Chlorobenzene	6.0000	U	UG/KG	N
100414	Ethylbenzene	6.0000	U	UG/KG	N
100425	Styrene	6.0000	U	UG/KG	N
1330207	Total xylenes	6.0000	U	UG/KG	N
0-001	% Moisture	17.0000		% MOISTURE	N

3 10 01241

Lab Sample: II9690 Blank Number: GM13B90524T2
Client Sample: J1580 Prep Date: 05/24/89
Product Code: ME 705 Analysis Date: 06/15/89
Project Code: ITEK43410 Nonconformances: N

Parameter	Compound	Result	Qualifier	Units	TIC
108952	Phenol	780.0000	U	UG/KG	N
111444	bis(2-Chloroethyl)ether	780.0000	U	UG/KG	N
95578	2-Chlorophenol	780.0000	U	UG/KG	N
541731	1,3-Dichlorobenzene	780.0000	U	UG/KG	N
106467	1,4-Dichlorobenzene	780.0000	U	UG/KG	N
100516	Benzyl alcohol	780.0000	U	UG/KG	N
95501	1,2-Dichlorobenzene	780.0000	U	UG/KG	N
95487	2-Methylphenol	780.0000	U	UG/KG	N
108601	bis(2-Chloroisopropyl)ether	780.0000	U	UG/KG	N
106445	4-Methylphenol	780.0000	U	UG/KG	N
621647	N-Nitroso-di-n-propylamine	780.0000	U	UG/KG	N
67721	Hexachloroethane	780.0000	U	UG/KG	N
[illegible]953	Nitrobenzene	780.0000	U	UG/KG	N
[illegible]91	Isophorone	780.0000	U	UG/KG	N
88755	2-Nitrophenol	780.0000	U	UG/KG	N
105679	2,4-Dimethylphenol	780.0000	U	UG/KG	N
65850	Benzoic acid	3800.0000	U	UG/KG	N
111911	bis(2-Chloroethoxy)methane	780.0000	U	UG/KG	N
120832	2,4-Dichlorophenol	780.0000	U	UG/KG	N
120821	1,2,4-Trichlorobenzene	780.0000	U	UG/KG	N
91203	Naphthalene	780.0000	U	UG/KG	N
106478	4-Chloroaniline	780.0000	U	UG/KG	N
87683	Hexachlorobutadiene	780.0000	U	UG/KG	N
59507	4-Chloro-3-methylphenol	780.0000	U	UG/KG	N
91576	2-Methylnaphthalene	780.0000	U	UG/KG	N
77474	Hexachlorocyclopentadiene	780.0000	U	UG/KG	N
88062	2,4,6-Trichlorophenol	780.0000	U	UG/KG	N
95954	2,4,5-Trichlorophenol	3800.0000	U	UG/KG	N
91587	2-Chloronaphthalene	780.0000	U	UG/KG	N
88744	2-Nitroaniline	3800.0000	U	UG/KG	N
131113	Dimethyl phthalate	780.0000	U	UG/KG	N
208968	Acenaphthylene	780.0000	U	UG/KG	N
606202	2,6-Dinitrotoluene	780.0000	U	UG/KG	N
99092	3-Nitroaniline	3800.0000	U	UG/KG	N
83329	Acenaphthene	780.0000	U	UG/KG	N
51285	2,4-Dinitrophenol	3800.0000	U	UG/KG	N
100027	4-Nitrophenol	3800.0000	U	UG/KG	N
[illegible]32649	Dibenzofuran	780.0000	U	UG/KG	N
[illegible]42	2,4-Dinitrotoluene	780.0000	U	UG/KG	N
[illegible]52	Diethyl phthalate	780.0000	U	UG/KG	N
7005723	4-Chlorophenylphenyl ether	780.0000	U	UG/KG	N
86737	Fluorene	780.0000	U	UG/KG	N
100016	4-Nitroaniline	3800.0000	U	UG/KG	N

3 10 01242

534521	4,6-Dinitro-2-methylphenol	3800.0000	U	UG/KG	N
86306	N-Nitrosodiphenylamine	780.0000	U	UG/KG	N
1553	4-Bromophenyl phenyl ether	780.0000	U	UG/KG	N
18741	Hexachlorobenzene	780.0000	U	UG/KG	N
87865	Pentachlorophenol	3800.0000	U	UG/KG	N
85018	Phenanthrene	780.0000	U	UG/KG	N
120127	Anthracene	780.0000	U	UG/KG	N
84742	Di-n-butyl phthalate	780.0000	U	UG/KG	N
206440	Fluoranthene	780.0000	U	UG/KG	N
129000	Pyrene	780.0000	U	UG/KG	N
85687	Butyl benzyl phthalate	780.0000	U	UG/KG	N
91941	3,3'-Dichlorobenzidine	1600.0000	U	UG/KG	N
56553	Benzo(a)anthracene	780.0000	U	UG/KG	N
218019	Chrysene	780.0000	U	UG/KG	N
117817	bis(2-Ethylhexyl) phthalate	220.0000	BJ	UG/KG	N
117840	Di-n-octyl phthalate	780.0000	U	UG/KG	N
205992	Benzo(b)fluoranthene	780.0000	U	UG/KG	N
207089	Benzo(k)fluoranthene	730.0000	U	UG/KG	N
50328	Benzo(a)pyrene	730.0000	U	UG/KG	N
193395	Indeno(1,2,3-cd)pyrene	730.0000	U	UG/KG	N
53703	Dibenzo(a,h)anthracene	730.0000	U	UG/KG	N
191242	Benzo(g,h,i)perylene	730.0000	U	UG/KG	N
0-001	% Moisture	17.0000		% MOISTURE	N

3 10 01243

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Lab Sample: II9698 Blank Number: GG17890524T1
Client Sample: J1588 Prep Date: 05/24/89
Product Code: SC 723 Analysis Date: 05/30/89
Project Code: ITEK43410 Nonconformances: N

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Parameter	Compound	Result	Qualifier	Units	TIC
319846	alpha-BHC	9.5000	U	UG/KG	N
319857	beta-BHC	9.5000	U	UG/KG	N
319868	delta-BHC	9.5000	U	UG/KG	N
58899	gamma-BHC (Lindane)	9.5000	U	UG/KG	N
76448	Heptachlor	9.5000	U	UG/KG	N
309002	Aldrin	9.5000	U	UG/KG	N
1024573	Heptachlor epoxide	9.5000	U	UG/KG	N
959988	Endosulfan-I	9.5000	U	UG/KG	N
60571	Dieldrin	19.0000	U	UG/KG	N
72559	4,4'-DDE	19.0000	U	UG/KG	N
72208	Endrin	19.0000	U	UG/KG	N
33213659	Endosulfan II	19.0000	U	UG/KG	N
72548	4,4'-DDD	19.0000	U	UG/KG	N
1031078	Endosulfan sulfate	19.0000	U	UG/KG	N
50293	4,4'-DDT	19.0000	U	UG/KG	N
72435	Methoxychlor	95.0000	U	UG/KG	N
53494705	Endrin ketone	19.0000	U	UG/KG	N
5103719	alpha-Chlordane	95.0000	U	UG/KG	N
5103742	gamma-Chlordane	95.0000	U	UG/KG	N
8001352	Toxaphene	190.0000	U	UG/KG	N
12674112	Aroclor-1016	95.0000	U	UG/KG	N
11104282	Aroclor-1221	95.0000	U	UG/KG	N
11141165	Aroclor-1232	95.0000	U	UG/KG	N
53469219	Aroclor-1242	95.0000	U	UG/KG	N
12672296	Aroclor-1248	95.0000	U	UG/KG	N
11097691	Aroclor-1254	190.0000	U	UG/KG	N
11096825	Aroclor-1260	190.0000	U	UG/KG	N
2-001	% Moisture	17.0000		% MOISTURE	N

3 10 01244

INTERNATIONAL TECHNOLOGY CORPORATION

VISUAL CLASSIFICATION OF SOILS

PROJECT NO.. 408619	PROJECT NAME: BLUFF ROAD, COLUMBIA, S.C.	
BORING NUMBER: B-5	COORDINATES:	DATE: 1-31-89
ELEVATION: (a)	GWL: DEPTH – DATE/TIME: –	START: 1-31-89
ENG./GEOL.. L. SCHEINOST	DEPTH – DATE/TIME: –	COMPLETE: 1-31-89
DRILL METHOD. 8 IN. HOLLOW STEM AUGER		PAGE 1 OF 1

DEPTH (FT)	SAMPLE TYPE & NO.	BLOWS ON SAMPLER PER (6 IN.)	RECOVERY (%)	MATERIAL DESCRIPTION	USCS SYMBOL	MEASURED CONSISTENCY (TSF)	HNu (ppm)	REMARKS
0				Yellowish red 5YR 5/8, very loose, poorly graded, medium to fine grained SAND, dry.	sp			FILL MATERIAL
5	J1512 J1513	2/2/3	100	Strong brown 7.5YR 5/8, very loose to loose, fine grained, poorly graded SAND, dry.	sp		16	J1513 IS DUPLICATE — PLASTIC LINER AT 4 1/2'.
7				Brownish yellow 10YR 6/8, loose, slightly silty, fairly poorly graded, fine grained SAND, dry.	sp		>20	
8	J1514	3/4/6/7	85	White 10YR 8/2, medium dense, fairly well graded, coarser grained, SAND, dry.	sw			
10		5/7/10/9	75	White 10YR 8/2, medium dense, fairly well graded, medium grain majority, SAND, slightly moist.			15	
11				TOTAL DEPTH = 11.0' (c)				
13								▽ 13.25' (b) (estimate)
15								

NOTES: (a) Elevation from 1929 mean sea level datum.
(b) Water level estimated to be 13.25 ft. below surface based on data from B-4 which is approx. 40 ft. northwest of B-5.
(c) Stopped drilling and sampling at 11.0 ft. because LEL reached at borehole opening.
Borehole abandoned by grouting; free-fall method.

3 10 01245

INTERNATIONAL TECHNOLOGY CORPORATION

VISUAL CLASSIFICATION OF SOILS

PROJECT NO.. 408619	PROJECT NAME: BLUFF ROAD, COLUMBIA, S.C.	
BORING NUMBER. B-6	COORDINATES:	DATE. 1-18-89
ELEVATION: (a)	GWL: DEPTH 13.0FT DATE/TIME: 1-18-89/0950	START: 1-18-89
ENG./GEOL.. W. WRIGHTSON	DEPTH - DATE/TIME: -	COMPLETE: 1-18-89
DRILL METHOD. 8 IN. HOLLOW STEM AUGER		PAGE 1 OF 1

DEPTH (FT)	SAMPLE TYPE & NO.	BLOWS ON SAMPLER PER (6 IN.)	RECOVERY (%)	MATERIAL DESCRIPTION	USCS SYMBOL	MEASURED CONSISTENCY (TSF)	HNu (ppm)	REMARKS
0				Dark yellowish brown 10YR 4/4, very silty SAND	sm			FILL MATERIAL
3	J0440	2/2/3/5	100	Dark yellowish brown 10YR 4/4, loose, very silty SAND and some gravel	sm		(c)	Hit water line at 3.5' Offset 2.0' and drilled to 5.0', then collected sample.
5		8/7/10/9	100	Brownish yellow 10YR 6/8, medium dense, medium to coarse grained SAND, some clay and silt, moist.	sc		(c)	
8	J0441	6/6/6/9	100	Light gray, medium dense, medium to coarse grained SAND, well rounded, some clay with mica, moist.	sc		(c)	
10		7/8/9/7	100	Light gray, medium dense, medium to coarse grained SAND, as above.	sc		(c)	
13								▽ 13.0' (b)
14	DISCARDED	2/2/4/4	100	Light gray, loose, well graded, coarse grained SAND, saturated.	sw			
15								

TOTAL DEPTH = 15.0'

NOTES:

(a) Elevation from 1929 mean sea level datum.

(b) Water level from ground surface at time of boring measured at point of soil saturation in split spoon sample.

(c) Recorded by health and safety officer. Borehole abandoned by grouting, free-fall method.

3 10 01246

INTERNATIONAL TECHNOLOGY CORPORATION

VISUAL CLASSIFICATION OF SOILS

PROJECT NO. 408619	PROJECT NAME: BLUFF ROAD, COLUMBIA, S.C.	
BORING NUMBER. B-6C (c)	COORDINATES:	DATE. 2-1-89
ELEVATION: (a)	GWL. DEPTH 10.5FT DATE/TIME: 2-1-89/0950	START: 2-1-89
ENG./GEOL. L. SCHEINOST	DEPTH - DATE/TIME: -	COMPLETE: 2-1-89
DRILL METHOD. 8 IN. HOLLOW STEM AUGER		PAGE 1 OF 1

DEPTH (FT)	SAMPLE TYPE & NO.	BLOWS ON SAMPLER PER (6 IN.)	RECOVERY (%)	MATERIAL DESCRIPTION	USCS SYMBOL	MEASURED CONSISTENCY (TSF)	HNu (ppm)	REMARKS
0				Yellowish brown 10YR 5/8, very loose, soft, poorly graded, fine grained SAND, dry.	sp		0	FILL MATERIAL
3	J047 5	7/3/4/4	95	Brownish yellow 10YR 6/8, loose, unconsolidated, poorly graded, fine grained SAND, dry.	sp		0	FILL MATERIAL
5		5/6/6/10	100	Yellow 10YR 7/8, loose to medium dense, fairly well graded, medium to coarse grained SAND, slightly moist.	sw		0	
7	J047 6	7/7/11/12	90	White 10YR 8/1, medium dense, clayey, well graded, coarser grained SAND, slightly moist.	sw		0	
9		4/6	100	White 10YR 8/1, loose, clayey SAND, slightly moist.	sw		0	
10				Yellow 10YR 7/6, medium dense, unconsolidated, silaceous, subrounded, fairly poorly graded, medium grained SAND, saturated.	sp			▽ 10.5' (b)
11	DISCARDED	7/7/7/9	50					
12				TOTAL DEPTH = 12.0'				
13								
14								
15								

NOTES:
(a) Elevation from 1929 mean sea level datum.
(b) Water level from ground surface at time of boring measured at point of soil saturation in split spoon sample.
(c) Redrilled and sampled approximately 10' north of B-6 to assure that clean split spoons and drill rods were used. Borehole abandoned by grouting, free-fall method

3 10 01247

INTERNATIONAL TECHNOLOGY CORPORATION

VISUAL CLASSIFICATION OF SOILS

PROJECT NO.. 408619	PROJECT NAME: BLUFF ROAD, COLUMBIA, S.C.	
BORING NUMBER: B-7	COORDINATES:	DATE: 1-31-89
ELEVATION: (a)	GWL. DEPTH 12.0FT DATE/TIME: 1-31-89/0925	START: 1-31-89
ENG./GEOL.. L. SCHEINOST	DEPTH - DATE/TIME: -	COMPLETE: 1-31-89
DRILL METHOD. 8 IN. HOLLOW STEM AUGER		PAGE 1 OF 1

DEPTH (FT)	SAMPLE TYPE & NO.	BLOWS ON SAMPLER PER (6 IN.)	RECOVERY (%)	MATERIAL DESCRIPTION	USCS SYMBOL	MEASURED CONSISTENCY (TSF)	HNu (ppm)	REMARKS
0				Light olive brown 2.5Y 5/4, silty, gravelly SAND, moist.	gm			FILL MATERIAL
1								
2				Reddish yellow 7.5YR 6/8, medium stiff, slightly plastic, slightly sandy, clayey SILT, moist	ml			
3								
4	J1505 J1506	4/6/7	100	Yellowish red 5YR 5/8, medium dense, slightly plastic, slightly sandy, clayey SILT, moist.	ml		1	J1506 IS DUPLICATE
5								
6								
7								
8	J1507	5/8/9/13	80	Reddish yellow 7.5YR 6/8, medium dense, mottled, clayey, fine grained SAND, slightly moist.	sc		1	
9				4" of white 2.5Y N8/, medium dense, slightly clayey, coarse grained, silaceous SAND, moist.	sw			
10		5/7/8/8	100	Reddish yellow 7.5YR, medium dense, well graded, non-plastic, medium to coarser grained SAND, moist.	sw		0	OVA = 2ppm
11								
12	DISCARDED	(c)	45	Gray 5Y 5/1, loose, highly silaceous, poorly graded, medium grained, non-plastic, unconsolidated SAND, saturated.				▽ 12.0' (b)
13								
14				TOTAL DEPTH = 13.0'				
15								

NOTES:
(a) Elevation from 1929 mean sea level datum.
(b) Water level from ground surface at time of boring measured at point of soil saturation in split spoon sample.
(c) Not recorded.

Borehole abandoned by grouting, free-fall method.

3 10 01248

INTERNATIONAL TECHNOLOGY CORPORATION

VISUAL CLASSIFICATION OF SOILS

PROJECT NO · 408619	PROJECT NAME: BLUFF ROAD, COLUMBIA, S.C.	
BORING NUMBER. B-8	COORDINATES·	DATE: 1-30-89
ELEVATION: (a)	GWL. DEPTH 14.0 FT DATE/TIME: 1-30-89/1635	START· 1-30-89
ENG./GEOL. L. SCHEINOST	DEPTH – DATE/TIME· –	COMPLETE: 1-30-89
DRILL METHOD: 8 IN. HOLLOW STEM AUGER		PAGE 1 OF 1

DEPTH (FT)	SAMPLE TYPE & NO.	BLOWS ON SAMPLER PER (6 IN.)	RECOVERY (%)	MATERIAL DESCRIPTION	USCS SYMBOL	MEASURED CONSISTENCY (TSF)	HNu (ppm)	REMARKS
0				Gravel road, angular, well graded.	gm			ROAD
1								
2								
3				Dark grayish brown, 2.5Y 4/2, unconsolidated, nonplastic, soft, fine to medium grained, silty SAND, dry.	sm			FILL MATERIAL
4								
5	J0453 J1501	3/3/6	85	Light yellowish brown 2.5Y with some yellowish red 5YR 5/6, medium dense to dense, slightly plastic, clayey, silty SAND, slightly moist.	sc		1	Paper found in split spoon at 4.5'. J1501 IS DUPLICATE
6								
7				Yellowish brown 10YR 5/4, medium dense, well graded, slightly clayey, SAND, slightly moist.	sw			
8	J1500	7/10/11/15	85	Brownish yellow 10YR 6/8, medium dense, some clay, fine grained SAND, slightly moist.			2	
9								
10		7/9/9/13	75	Yellow 10YR 7/6, medium dense, well graded, medium to coarse grained, SAND. slightly moist.	sw		2-3	
11								
12	DISCARDED	9/10/11/14	75	Light gray 10YR 7/1, medium dense, unconsolidated, slightly plastic, well graded, slightly clayey, coarser grained, silaceous SAND, slightly moist.	sw			
13								
14		4/3/2/2	3	Olive yellow 2.5Y 6/6, loose to very loose, fairly well graded, slightly silty SAND, saturated	sw			▽ 14.0' (b)
15								

NOTES.

TOTAL DEPTH = 15.0'

(a) Elevation from 1929 mean sea level datum.

(b) Water level from ground surface at time of boring measured at point of soil saturation in split spoon sample.

Borehole abandoned by grouting, free-fall method

3 10 01249

INTERNATIONAL TECHNOLOGY CORPORATION

VISUAL CLASSIFICATION OF SOILS

PROJECT NO.. 408619	PROJECT NAME: BLUFF ROAD, COLUMBIA, S.C.	
BORING NUMBER: B-9	COORDINATES:	DATE. 1-28-89
ELEVATION: (a)	GWL. DEPTH 12.5FT DATE/TIME: 1-28-89/1155	START: 1-28-89
ENG./GEOL. L. SCHEINOST	DEPTH - DATE/TIME: -	COMPLETE: 1-28-89
DRILL METHOD. 8 IN. HOLLOW STEM AUGER		PAGE 1 OF 1

DEPTH (FT)	SAMPLE TYPE & NO.	BLOWS ON SAMPLER PER (6 IN.)	RECOVERY (%)	MATERIAL DESCRIPTION	USCS SYMBOL	MEASURED CONSISTENCY (TSF)	HNu (ppm)	REMARKS
0				2" Brownish yellow 10YR 6/6, subrounded, unconsolidated, medium to fine grained silty SAND, dry.	sm			FILL MATERIAL
1								
2				Red 2.5YR 5/8, slightly plastic, sandy SILT, moist.	ml			
3								
4	J0491	6/8/10/16	100	Yellowish red 5YR 5/8, loose to medium dense, mottled, very low plasticity, sandy SILT, dry.	ml		1	OVA = 10ppm
5								
6		3/3/5/7	80	Light gray 2.5Y N7/, very loose to loose, unconsolidated, slightly plastic, poorly graded, slight amount of clay, medium grained SAND, moist.	sp			OVA = 9ppm
7								
8	J0490	4/6/10/10	95	Olive yellow 2.5Y 6/6 and light gray 2.5Y N7/, loose to medium dense, slightly plastic, clayey, silty, fine to medium grained SAND, slightly moist.	sm			OVA = 40ppm
9								
10		3/4/4/6	20	Olive yellow 2.5Y 6/6, loose to very loose, unconsolidated, very low plasticity, silty, clayey fine grained SAND, slightly moist.	sm		7	OVA = 40ppm
11								
12	J0492	3/4/7/6	100	Olive yellow 2.5Y 6/6, loose to medium dense, unconsolidated, medium to coarse grained, poorly graded SAND, very moist.	sp		10	OVA = 40ppm ▽ 12.5' (b)
13								
14	DISCARDED	2/3/3/3	100	White 10YR 8/2, loose, unconsolidated, coarse grained, non-plastic, poorly graded, silaceous SAND, saturated.	sp			OVA = 9ppm
15								

TOTAL DEPTH = 15.0'

NOTES:

(a) Elevation from 1929 mean sea level datum.

(b) Water level from ground surface at time of boring measured at point of soil saturation in split spoon sample.

Borehole abandoned by grouting, free-fall method.

3 10 01250

INTERNATIONAL TECHNOLOGY CORPORATION

VISUAL CLASSIFICATION OF SOILS

PROJECT NO.. 408619	PROJECT NAME: BLUFF ROAD, COLUMBIA, S.C.	
BORING NUMBER. B-10	COORDINATES:	DATE. 1-28-89
ELEVATION: (a)	GWL. DEPTH 8.5FT DATE/TIME: 1-28-89/0923	START: 1-28-89
ENG./GEOL. L. SCHEINOST	DEPTH – DATE/TIME: –	COMPLETE: 1-28-89
DRILL METHOD. 8 IN. HOLLOW STEM AUGER		PAGE 1 OF 1

DEPTH (FT)	SAMPLE TYPE & NO.	BLOWS ON SAMPLER PER (6 IN.)	RECOVERY (%)	MATERIAL DESCRIPTION	USCS SYMBOL	MEASURED CONSISTENCY (TSF)	HNu (ppm)	REMARKS
0				2" Brownish yellow 10YR 6/6, subrounded, medium grained silty SAND with light gray 10YR 7/2 and red 2.5YR 5/8 silty stringers, moist.	sm			
3				Gray 10YR 5/1, medium dense, unconsolidated, fine grained silty SAND, moist.	sm		1	
4	J0489	6/8/13/18	100	White 10YR 8/1 with red stringers, dense, unconsolidated, well graded, slightly clayey, silty SAND.	sw			
5								
6		7/22/21/20	75	White 10YR 8/1, dense, very slightly cemented, very silty, fine grained SAND, with 1/4" diameter angular cemented fragments, dry.	sm			
7								
8	DISCARDED	5/5/4/4	85	At 7': White 2.5Y N8/, loose, poorly graded, slightly clayey, medium grained SAND.	sp			▽ 8.5' (b)
9		2/3	100	At 8.5': White 2.5Y N8/, with light brownish gray 2.5Y 6/4, very loose, medium to coarse grained, highly silaceous, poorly graded, slightly silty SAND, saturated.	sp			
10				TOTAL DEPTH = 10.0'				
11								
12								
13								
14								
15								

NOTES:

(a) Elevation from 1929 mean sea level datum.

(b) Water level from ground surface at time of boring measured at point of soil saturation in split spoon sample.

Borehole abandoned by grouting, free-fall method.

3 10 01251

INTERNATIONAL TECHNOLOGY CORPORATION

VISUAL CLASSIFICATION OF SOILS

PROJECT NO.. 408619	PROJECT NAME: BLUFF ROAD, COLUMBIA, S.C.	
BORING NUMBER: B-11	COORDINATES:	DATE: 1-20-89
ELEVATION: (a)	GWL: DEPTH 13.0FT DATE/TIME: 1-20-89/1218	START: 1-20-89
ENG./GEOL.. W. WRIGHTSON	DEPTH - DATE/TIME: -	COMPLETE: 1-20-89
DRILL METHOD: 8 IN. HOLLOW STEM AUGER		PAGE 1 OF 1

DEPTH (FT)	SAMPLE TYPE & NO.	BLOWS ON SAMPLER PER (6 IN.)	RECOVERY (%)	MATERIAL DESCRIPTION	USCS SYMBOL	MEASURED CONSISTENCY (TSF)	HNu (ppm)	REMARKS
0								
1								
2								
3								
4	J0455	4/7/6/6	100	Brownish yellow 10YR 6/6, medium dense, fine to medium grained SAND.	sm		(c)	
5								
6		6/7/9/16	100	Light gray, medium dense, fine to medium grained, subangular, very clayey SAND.	sm		(c)	Shelby Tube from 5'-7'.
7								
8	J0456	2/3/5/8	80	Light gray to reddish brown, well graded SAND, some silt and gravel.	sm		(c)	
9								
10		11/12/13/13	100	Light gray to reddish brown, mottled, medium to coarse grained SAND, some clay.	sm		(c)	Shelby Tube from 9'-11'.
11								
12								
13								▽ 13.0' (b)
14	DISCARDED	2/1/3/2	100	Light gray, loose, medium to coarse grained, SAND, some silt, saturated.	sm			
15								

NOTES: TOTAL DEPTH = 15.0'

(a) Elevation from 1929 mean sea level datum.
(b) Water level from ground surface at time of boring measured at point of soil saturation in split spoon sample.
(c) HNu readings recorded by health and safety person. Borehole abandoned by grouting, free-fall method.

3 10 01252

INTERNATIONAL TECHNOLOGY CORPORATION

VISUAL CLASSIFICATION OF SOILS

PROJECT NO.. 408619	PROJECT NAME: BLUFF ROAD, COLUMBIA, S.C.	
BORING NUMBER: B-12	COORDINATES:	DATE: 1-20-89
ELEVATION: (a)	GWL: DEPTH 14.5FT DATE/TIME: 1-20-89/1000	START: 1-20-89
ENG./GEOL.. W. WRIGHTSON	DEPTH - DATE/TIME: -	COMPLETE: 1-20-89
DRILL METHOD. 8 IN. HOLLOW STEM AUGER		PAGE 1 OF 1

DEPTH (FT)	SAMPLE TYPE & NO.	BLOWS ON SAMPLER PER (6 IN.)	RECOVERY (%)	MATERIAL DESCRIPTION	USCS SYMBOL	MEASURED CONSISTENCY (TSF)	HNu (ppm)	REMARKS
0				Yellow 10YR 7/6, medium stiff, silty SAND, fine to medium grained.	sm			
3	J0450	4/5/7/8	100	Gray 10YR 6/1, stiff, sandy CLAY.	ch		(c)	
5		7/14/15/7	100	Gray 2.5Y 6/6, dense, fine to medium grained, clayey SAND, some black organic material.	sc		(c)	
7	J0454	4/8/10/10	50	Gray 2.5Y 6/6, dense, clayey, fine to medium grained SAND, as above, moist.	sc		(c)	▽ (b) Water level after auger extraction.
9		10/5/7/5	100	Gray 2.5Y 6/6, dense, clayey, fine to medium grained SAND, as above, moist.	sc		(c)	Analytical sample from 9'-11' dropped on ground. Sampled from 11'-12' and composited.
11								
13		3/5/5/5	100	Yellow 10YR 7/6, loose medium to coarse grained SAND, poorly graded, some silt, 10YR 7/6, saturated.	sp			▽ 14.5' (b) Split spoon sample saturated with water
15								

NOTES: TOTAL DEPTH = 15.0'

(a) Elevation from 1929 mean sea level datum.
(b) Water level from ground surface at time of boring.
(c) HNu readings recorded by health and safety person.

Borehole abandoned by grouting: free-fall method.

3 10 01253

INTERNATIONAL TECHNOLOGY CORPORATION

VISUAL CLASSIFICATION OF SOILS

PROJECT NO.. 408619	PROJECT NAME: BLUFF ROAD, COLUMBIA, S.C.	
BORING NUMBER: B-13	COORDINATES·	DATE: 1-20-89
ELEVATION: (a)	GWL: DEPTH NA (b) DATE/TIME:	START: 1-20-89
ENG./GEOL.. W. WRIGHTSON	DEPTH – DATE/TIME: –	COMPLETE: 1-20-89
DRILL METHOD: 8 IN. HOLLOW STEM AUGER		PAGE 1 OF 1

DEPTH (FT)	SAMPLE TYPE & NO.	BLOWS ON SAMPLER PER (6 IN.)	RECOVERY (%)	MATERIAL DESCRIPTION	USCS SYMBOL	MEASURED CONSISTENCY (TSF)	HNu (ppm)	REMARKS
0				3" Vegetation, (humus) and fine to medium grained SAND.	sm			
4	J0457	6/7/9/13	90	Light gray 10YR 7/2, medium dense, fine to medium grained clayey SAND.	sc		(c)	
6		9/9/11/13	100	Light brownish gray, very clayey, fine to medium grained SAND, some organic material (wood).	sc		(c)	
7				TOTAL DEPTH = 7.0'				Abandoned borehole at 7' due to auger deflection and elevated OVA reading. (See B-13A.)

NOTES:

(a) Elevation from 1929 mean sea level datum.
(b) NA – Not applicable. No water encountered.
(c) HNu readings recorded by health and safety officer.

Borehole abandoned by grouting, free-fall method.

3 10 01254

INTERNATIONAL TECHNOLOGY CORPORATION

VISUAL CLASSIFICATION OF SOILS

PROJECT NO: 408619	PROJECT NAME: BLUFF ROAD, COLUMBIA, S.C.	
BORING NUMBER: B-13A	COORDINATES:	DATE: 1-20-89
ELEVATION: (a)	GWL: DEPTH 9.5FT DATE/TIME: 1-20-89/1700	START: 1-20-89
ENG /GEOL.: W. WRIGHTSON	DEPTH - DATE/TIME: -	COMPLETE: 1-20-89
DRILL METHOD: 8 IN. HOLLOW STEM AUGER		PAGE 1 OF 1

DEPTH (FT)	SAMPLE TYPE & NO.	BLOWS ON SAMPLER PER (6 IN.)	RECOVERY (%)	MATERIAL DESCRIPTION	USCS SYMBOL	MEASURED CONSISTENCY (TSF)	HNu (ppm)	REMARKS
0				3" Vegetation, (humus) and fine to medium grained SAND.	sm			
1								
2				(See boring log B-13.)				
3								
4								
5				Light brownish gray, very clayey, fine to medium grained SAND, some organic material (wood).	sc			
6								
7								
8	J0458	4/4/5/6	100	Light gray 10YR 7/2, medium dense, fine to medium grained, clayey SAND, some organics.	sc		(c)	
9								
10		4/4/3/3	100	Light gray 10YR 7/2, loose, fine to coarse grained, well graded SAND, some organic silt, saturated.	sc		(c)	▽ 9.5' (b)
11								
12				TOTAL DEPTH = 11.0'				
13								
14								
15								

NOTES:

(a) Elevation from 1929 mean sea level datum.

(b) Water level at time of boring, from saturation in split spoon sample.

(c) HNu readings recorded by health and safety officer.

Borehole abandoned by grouting, free-fall method.

3 10 01255

INTERNATIONAL TECHNOLOGY CORPORATION

VISUAL CLASSIFICATION OF SOILS

PROJECT NO.. 408619	PROJECT NAME: BLUFF ROAD, COLUMBIA, S.C.	
BORING NUMBER: B-14	COORDINATES:	DATE: 1-28-89
ELEVATION: (a)	GWL: DEPTH 13.0FT DATE/TIME: 1-28-89/1625	START: 1-28-89
ENG./GEOL.. L.SCHEINOST	DEPTH - DATE/TIME: -	COMPLETE: 1-28-89
DRILL METHOD. 8 IN. HOLLOW STEM AUGER		PAGE 1 OF 1

DEPTH (FT)	SAMPLE TYPE & NO.	BLOWS ON SAMPLER PER (6 IN.)	RECOVERY (%)	MATERIAL DESCRIPTION	USCS SYMBOL	MEASURED CONSISTENCY (TSF)	HNu (ppm)	REMARKS
0				1" Dark brown humus.				
1				Brownish yellow silty SAND.	sm		0	
2								
3								
4	J0488	3/4/5/5	75	Brownish yellow 10YR 6/8, loose, slightly plastic, unconsolidated, slightly clayey, silty, fine grained SAND, moist.	sm		0	
5								
6		4/5/7/10	80	Pale yellow 2.5Y 7/4, loose to medium dense, unconsolidated, subrounded, well graded, slightly silty SAND, dry.	sw		0	
7								
8	J0482	5/8/12/12	80	White 2.5Y 8/2, medium dense, unconsolidated, subrounded, silty, poorly graded SAND, dry; grading to pale yellow silty sand, as above.	sp		0	
9								
10		4/4/5/5	80	Yellow 10YR 7/6, loose, unconsolidated, silaceous, medium to coarse grained SAND, moist.	sp		0	
11								
12	DISCARD	5/5/4/4	50	Light gray 2.5Y N7/, loose, unconsolidated, very low plasticity, sandy, clayey SILT, moist.	ml		0	
13				White 2.5Y 8/2, loose, silaceous, well graded, slightly silty SAND, very moist.	sw			▽ 13.0' (b)
14				TOTAL DEPTH = 13.0'				
15								

NOTES:

(a) Elevation from 1929 mean sea level datum.

(b) Water level from ground surface at time of boring measured saturation in split spoon sample.

Borehole abandoned by grouting, free-fall method.

3 10 01256

INTERNATIONAL TECHNOLOGY CORPORATION

VISUAL CLASSIFICATION OF SOILS

PROJECT NO · 408619	PROJECT NAME: BLUFF ROAD, COLUMBIA, S.C.	
BORING NUMBER: B-15	COORDINATES·	DATE: 1-27-89
ELEVATION: (a)	GWL: DEPTH 10.0FT DATE/TIME: 1-27-89/1643	START: 1-27-89
ENG./GEOL.. L.SCHEINOST	DEPTH - DATE/TIME: -	COMPLETE: 1-27-89
DRILL METHOD: 8 IN. HOLLOW STEM AUGER		PAGE 1 OF 1

DEPTH (FT)	SAMPLE TYPE & NO.	BLOWS ON SAMPLER PER (6 IN.)	RECOVERY (%)	MATERIAL DESCRIPTION	USCS SYMBOL	MEASURED CONSISTENCY (TSF)	HNu (c) (ppm)	REMARKS
0				1" Diameter and smaller granitic gravel with appreciable fines. Hit plywood and boulder size granitic rock that was used in constructing road, dry.	gm			FILL MATERIAL. Drilling in center of road approx. 30' east-south east of flagged location. This is the 5th attempted location. Hit plywood and boulders at 2'other 4 locations.
3	J04734	1/2/2/1	100	Light brownish gray 10YR 6/2, very loose, unconsolidated, very slightly plastic, silty, fine grained SAND, slightly moist. (Probably fill material.)	sm			
5		1/1/1/3	80	Light brownish gray 10YR 6/2, very loose, silty, fine grained SAND, moist.	sm			
7				Grayish brown 2.5Y 5/2, loose, high plasicity, slightly sandy CLAY, moist.	cl			
8	J04744	1/2/3/3	50	Organic material present as dark gray 2.5Y N4/ stringers. Moderately plastic, sandy CLAY as described above, moist.	cl			OVA = 6ppm
9		7/8	75	Light gray 2.5Y 7/2, medium dense, well graded, unconsolidated, silty, silaceous SAND, moist.	sw			Wet lens at 9'-9 1/4'
10								▽ 10.0 (b)
11	DISCARDED	7/8/8/9	100	Light brownish gray 2.5Y 6/2, medium dense. sandy SILT, saturated.	sm			
12				Light gray, medium dense, unconsolidated, silaceous, silty, medium grained SAND, moist.	sm			OVA = 90ppm
13				TOTAL DEPTH = 12.0'				
14								
15								

NOTES.

(a) Elevation from 1929 mean sea level datum.
(b) Water level from ground surface at time of boring, measured at point of soil saturation in spoon sample.
(c) Recorded by on-site health and safety officer.
Borehole abandoned by grouting, free-fall method

3 10 01257

INTERNATIONAL TECHNOLOGY CORPORATION

VISUAL CLASSIFICATION OF SOILS

PROJECT NO.. 408619	PROJECT NAME: BLUFF ROAD, COLUMBIA, S.C.	
BORING NUMBER: B-16	COORDINATES:	DATE. 1-21-89
ELEVATION: (a)	GWL: DEPTH 10.0FT DATE/TIME: 1-21-89/1445	START: 1-21-89
ENG./GEOL.. W. WRIGHTSON	DEPTH - DATE/TIME: -	COMPLETE: 1-21-89
DRILL METHOD. 8 IN. HOLLOW STEM AUGER		PAGE 1 OF 1

DEPTH (FT)	SAMPLE TYPE & NO.	BLOWS ON SAMPLER PER (6 IN.)	RECOVERY (%)	MATERIAL DESCRIPTION	USCS SYMBOL	MEASURED CONSISTENCY (TSF)	HNu (ppm)	REMARKS
0				3" Leaves, black humus				
1								
2				Yellowish brown 10YR 5/5, fine grained SAND, clayey.	sc			
3								
4	J0462	3/8/22/21	70	Light gray 10YR 7/2, very dense, very fine to fine grained SAND, in clay matrix.	sc		(c)	
5								
6		15/23/27/32	70	Light gray 10YR 7/2, very dense, very fine to fine grained SAND, slightly clayey, poorly graded.	sp		(c)	
7								
8	J0461	9/13/7/8	75	Light gray 10YR 7/2, medium dense, medium to coarse grained silaceous SAND, some iron staining.	sp		(c)	
9								
10		7/7/7/6	75	Very pale brown 10YR 7/3, medium dense, medium to coarse grained silaceous SAND, saturation in coarse fractions.	sp		(c)	▽ 10.0 (b)
11								
12								
13								
14	DISCARDED	2/2/1/1	50	Very pale brown 10YR 8/2, very loose, medium to coarse grained SAND, subangular to rounded, some fines, saturated.	sp			
15								

NOTES: TOTAL DEPTH = 15.0'

(a) Elevation from 1929 mean sea level datum.
(b) Water level at time of boring, from visual saturation in sample spoon.
(c) HNu readings recorded by health and safety person.
Borehole abandoned by grouting, free-fall method.

3 10 01258

INTERNATIONAL TECHNOLOGY CORPORATION

VISUAL CLASSIFICATION OF SOILS

PROJECT NO.. 408619	PROJECT NAME: BLUFF ROAD, COLUMBIA, S.C.	
BORING NUMBER. B-17	COORDINATES:	DATE. 1-19-89
ELEVATION: (a)	GWL. DEPTH 11.0FT DATE/TIME: 1-19-89/1700	START: 1-19-89
ENG./GEOL. W. WRIGHTSON	DEPTH - DATE/TIME: -	COMPLETE: 1-19-89
DRILL METHOD. 8 IN. HOLLOW STEM AUGER		PAGE 1 OF 1

DEPTH (FT)	SAMPLE TYPE & NO.	BLOWS ON SAMPLER PER (6 IN.)	RECOVERY (%)	MATERIAL DESCRIPTION	USCS SYMBOL	MEASURED CONSISTENCY (TSF)	HNu (ppm)	REMARKS
0				6" Gray organic humus.				
4	J0448	5/8/10/12	100	Light gray 10YR 7/2, medium dense, medium to coarse grained, poorly graded very clayey SAND.	sc		(c)	
6	J0448	15/14/15/14	100	Light yellowish brown 10YR 6/4, medium to coarse grained, medium dense, SAND, some clay.	sc		(c)	
8	J0449	3/9/9/12	100	SAND, as above, very clayey, some organic debris, wood fragments.	sc		(c)	
10	J0449	9/7/7/6	100	Light gray 10YR 7/2, medium dense, coarse grained, well graded SAND, thin clay stringers. Sand is saturated between clay layers.	sc		(c)	▽ 11.0" (b)
14	DISCARD	3/1/1/2	100	Light gray, very loose, coarse to very coarse grained SAND, well graded, some silt and clay, saturated.	sw			

NOTES:

TOTAL DEPTH = 15.0'

(a) Elevation from 1929 mean sea level datum.
(b) Water level from ground surface at time of boring measured at point of soil saturation in split spoon sample.
(c) HNu readings recorded by health and safety person.

Borehole abandoned by grouting, free-fall method

3 10 01259

INTERNATIONAL TECHNOLOGY CORPORATION

VISUAL CLASSIFICATION OF SOILS

PROJECT NO.. 408619	PROJECT NAME: BLUFF ROAD, COLUMBIA, S.C.	
BORING NUMBER. B-18	COORDINATES:	DATE. 1-21-89
ELEVATION: (a)	GWL: DEPTH 12.0FT DATE/TIME: 1-21-89/1030	START: 1-21-89
ENG./GEOL. W. WRIGHTSON	DEPTH - DATE/TIME: -	COMPLETE: 1-21-89
DRILL METHOD. 8 IN. HOLLOW STEM AUGER		PAGE 1 OF 1

DEPTH (FT)	SAMPLE TYPE & NO.	BLOWS ON SAMPLER PER (6 IN.)	RECOVERY (%)	MATERIAL DESCRIPTION	USCS SYMBOL	MEASURED CONSISTENCY (TSF)	HNu (ppm)	REMARKS
0				2" Organic material (leaves and humus), light brown, very silty CLAY, some sand.	cl			
4	J0451	10/16/16/7	100	Yellow-brown 10YR 5/6, medium dense, fine to medium grained, silty SAND.	sm		(c)	
6	J0451	14/15/16/19	80	Light-gray 10YR 7/2, dense, fine to medium grained SAND, some clay.	sm		(c)	
8	J0452	5/7/10/12	80	Light-gray 10YR 7/2, dense SAND, as above.	sm		(c)	
10	J0452	9/15/13/10	50	Light gray 10YR 7/2, stiff, very sandy clay.	cl		(c)	
12								▽ 12.0' (b)
14	DISCARDED	1/2/1/2	100	Light-gray 10YR 7/2, very loose, medium to coarse grained, SAND, some silt, saturated.	sm			
15								

NOTES: TOTAL DEPTH = 15.0'

(a) Elevation from 1929 mean sea level datum.
(b) Water level from ground surface at time of boring measured at point of soil saturation in split spoon sample.
(c) HNu readings recorded by health and safety person. Borehole abandoned by grouting, free-fall method.

3 10 01260

INTERNATIONAL TECHNOLOGY CORPORATION

VISUAL CLASSIFICATION OF SOILS

PROJECT NO.. 408619	PROJECT NAME: BLUFF ROAD, COLUMBIA, S.C	
BORING NUMBER. B-19	COORDINATES:	DATE. 1-26-89
ELEVATION: (a)	GWL: DEPTH 13.0FT DATE/TIME: 1-26-89/1545	START: 1-26-89
ENG./GEOL.. L.SCHEINOST	DEPTH - DATE/TIME: -	COMPLETE: 1-26-89
DRILL METHOD. 8 IN. HOLLOW STEM AUGER		PAGE 1 OF 1

DEPTH (FT)	SAMPLE TYPE & NO.	BLOWS ON SAMPLER PER (6 IN.)	RECOVERY (%)	MATERIAL DESCRIPTION	USCS SYMBOL	MEASURED CONSISTENCY (TSF)	HNu (ppm)	REMARKS
0				2" of angular road gravel.				FILL MATERIAL
1				Light brownish gray 10YR 6/2 well graded, sandy SILT.	cl			
2				Gray 10YR 5/1, silty CLAY, moist.				
3	J0483	2 blows for 1st 18"/4	95	Light brownisn gray 10YR 6/2, very loose, silty CLAY, moist, some oxidation.	cl			FILL MATERIAL
4								
5		4/5/9/15	75	Light gray 10YR 7/2, loose to medium dense, well graded, silty, medium grained SAND, slightly moist.	sp			
6								
7	J0484	9/28/16/15	85	Predominantly white 2.5Y 8/2 with some light gray 2.5Y N7/, dense, slightly cemented silaceous, silty SAND, dry.	sp	.50 to 1.0		
8								
9		5/9/8/7	80	Light gray 2.5Y 7/2, medium dense, poorly graded, medium to coarse grained, unconsolidated, silaceous SAND, moist.	sp		5	
10								
11	J0485	8/8/7/5	70	White 2.5Y 8/2, medium dense, unconsolidated, silty, clayey SAND, moist	sc		3	
12								▽ 13.0' (b)
13	DISCARDED	1/2/2/2	5	Pale yellow 2.5Y 7/4, very loose, un-consolidated, medium to coarse grained, poorly graded, silaceous SAND, saturated.	sp		10	
14								
15								

NOTES: TOTAL DEPTH = 15.0'

(a) Elevation reference from 1929 mean sea level datum.
(b) Water level at time of boring, from visual saturation in sample spoon.
(c) HNu readings recorded by health and safety person.
Borehole abandoned by grouting, free-fall method.

3 10 01261

INTERNATIONAL TECHNOLOGY CORPORATION

VISUAL CLASSIFICATION OF SOILS

PROJECT NO.. 408619	PROJECT NAME: BLUFF ROAD, COLUMBIA, S.C.	
BORING NUMBER: B-20	COORDINATES:	DATE. 1-26-89
ELEVATION: (a)	GWL: DEPTH 5.5FT DATE/TIME: 1-26-89/1143	START: 1-26-89
ENG./GEOL. L.SCHEINOST	DEPTH - DATE/TIME: -	COMPLETE: 1-26-89
DRILL METHOD. 8 IN. HOLLOW STEM AUGER		PAGE 1 OF 1

DEPTH (FT)	SAMPLE TYPE & NO.	BLOWS ON SAMPLER PER (6 IN.)	RECOVERY (%)	MATERIAL DESCRIPTION	USCS SYMBOL	MEASURED CONSISTENCY (TSF)	HNu (c) (ppm)	REMARKS
0				1" Dark brown humus.				
1				Light brownish gray 10YR 6/2, soft, fine grained sandy CLAY, wet.	cl			Standing water
2								
3								
4	J 0481	4/4/5/14	95	Very pale brown 10YR 7/4, loose to medium dense, silaceous, well graded silty SAND, moist.	sm			
5				Light gray 10YR 7/2, medium dense, silty, fine grained SAND, saturated.	sm			▽ 5.5' (b)
6	DIS-CARDED	9/9/14/17	100	Light gray 10YR 7/2, dense, medium grained, poorly graded, slightly silty SAND, saturated.	sp			
7	J 0481							
8				TOTAL DEPTH = 7.0'				
9								
10								
11								
12								
13								
14								
15								

NOTES:

(a) Elevation from 1929 mean sea level datum.
(b) Water level from ground surface at time of boring measured at point of soil saturation in split spoon sample.
(c) HNu readings recorded by health and safety person. Borehole abandoned by grouting, free-fall method.

3 10 01262

INTERNATIONAL TECHNOLOGY CORPORATION

VISUAL CLASSIFICATION OF SOILS

PROJECT NO.. 408619	PROJECT NAME: BLUFF ROAD, COLUMBIA, S.C.	
BORING NUMBER. B-21	COORDINATES:	DATE: 1-27-89
ELEVATION: (a)	GWL. DEPTH 10.0FT DATE/TIME: 1-27-89/1118	START: 1-27-89
ENG./GEOL.. L.SCHEINOST	DEPTH - DATE/TIME: -	COMPLETE: 1-27-89
DRILL METHOD. 8 IN. HOLLOW STEM AUGER		PAGE 1 OF 1

DEPTH (FT)	SAMPLE TYPE & NO.	BLOWS ON SAMPLER PER (6 IN)	RECOVERY (%)	MATERIAL DESCRIPTION	USCS SYMBOL	MEASURED CONSISTENCY (TSF)	HNu (ppm)	REMARKS
0				2" Dark brown silty humus.				
1				Brownish yellow 10YR 6/6, soft with some plasticity, silty CLAY, moist.	cl			
2								2' Collected Shelby tube sample
3				Brownish yellow 10YR 6/6, soft, low plasticity, medium dense, slightly sandy, silty CLAY, slightly moist.	cl		2	3 1/4'
4	J0487	8/18/29/28	100	White 2.5Y 8/2, very dense, poorly graded, unconsolidated, medium grained SAND, moist.	sp			4 1/2'
5								Collected Shelby tube sample
6		4/10/17/18	100	4" of white 2.5Y 8/2, very loose, slightly plastic, clayey SILT, wet.	ml			6 1/2'
7				Light gray 2.5Y 7/6, medium dense, poorly graded, coarse to medium grained, unconsolidated SAND, dry.	sp			
8	J0486	6/8/9/13	90	Yellow 2.5Y 7/6, medium dense, poorly graded, subrounded, unconsolidated, medium to coarse grained SAND, moist.	sp		1	
9								
10		3/4	30	Light gray 2.5Y 7/2, very loose, unconsolidated, subrounded, medium to coarse grained, slightly silty SAND, wet.	sm		3	▽ 10.0' (b)
11	DISCARDED	1/2/1/4	100	Brownish yellow 10YR 6/8, very loose, unconsolidated, well, graded, moderately silty SAND, saturated.	sw			
12				White 10YR 8/1, very loose, unconsolidated, highly silaceous, poorly graded, very slightly silty, coarse grained SAND, saturated. A few pebbles included.	sp			
13				TOTAL DEPTH = 12.0'				
14								
15								

NOTES:

(a) Elevation reference from 1929 mean sea level datum.

(b) Water level from ground surface at time of boring, measured at point of soil saturation in split spoon sample.

Borehole abandoned by grouting, free-fall method.

3 10 01263

INTERNATIONAL TECHNOLOGY CORPORATION

VISUAL CLASSIFICATION OF SOILS

PROJECT NO.. 408619	PROJECT NAME: BLUFF ROAD, COLUMBIA, S.C.	
BORING NUMBER: B-22	COORDINATES:	DATE: 1-26-89
ELEVATION: (a)	GWL: DEPTH 10.0FT DATE/TIME: 1-26-89/0940	START: 1-26-89
ENG./GEOL.. L.SCHEINOST	DEPTH - DATE/TIME: -	COMPLETE: 1-26-89
DRILL METHOD. 8 IN. HOLLOW STEM AUGER		PAGE 1 OF 1

DEPTH (FT)	SAMPLE TYPE & NO.	BLOWS ON SAMPLER PER (6 IN.)	RECOVERY (%)	MATERIAL DESCRIPTION	USCS SYMBOL	MEASURED CONSISTENCY (TSF)	HNu (ppm)	REMARKS
0				2" Brownish gray humus.	ml			
1				Olive yellow 2.5Y 6/6, soft, silty CLAY.				
2								
3								
4	J0479	4/6/10/22	85	Light gray 2.5Y 7/2, loose to medium dense, sandy CLAY grading to well graded, silaceous, silty SAND, dry.	sm			
5								
6		7/10/16/16	80	Light gray 2.5Y 7/2, medium dense to dense, well graded, very slightly cemented, medium grained silty SAND, dry.	sw	.25 to .50		
7								
8	J0480	5/6/6/6	70	Yellow 2.5Y 7/6, medium dense, medium grained, poorly graded SAND, moist.	sp			
9		2/5	5	Pale yellow 2.5Y 7/4, very loose to loose, poorly graded, medium grained SAND, wet	sp			▽ 10.0' (b)
10								
11	DISCARDED	7/6/6/4	100	White 2.5Y 8/2, loose to medium dense, poorly graded, highly silaceous, medium grained SAND, saturated.	sp			
12				TOTAL DEPTH = 12.0'				
13								
14								
15								

NOTES:

(a) Elevation reference from 1929 mean sea level datum.
(b) Water level from ground surface at time of boring, from visual saturation in split spoon sample.
(c) HNu readings recorded by on-site health and safety officer
Borehole abandoned by grouting, free-fall method.

3 10 01264

INTERNATIONAL TECHNOLOGY CORPORATION

VISUAL CLASSIFICATION OF SOILS

PROJECT NO.. 408619	PROJECT NAME: BLUFF ROAD, COLUMBIA, S.C.	
BORING NUMBER. B-23	COORDINATES·	DATE. 1-25-89
ELEVATION: (a)	GWL: DEPTH 10.5FT DATE/TIME: 1-26-89/1550	START: 1-25-89
ENG./GEOL.. L.SCHEINOST	DEPTH - DATE/TIME: -	COMPLETE· 1-25-89
DRILL METHOD. 8 IN. HOLLOW STEM AUGER		PAGE 1 OF 1

DEPTH (FT)	SAMPLE TYPE & NO.	BLOWS ON SAMPLER PER (6 IN.)	RECOVERY (%)	MATERIAL DESCRIPTION	USCS SYMBOL	MEASURED CONSISTENCY (TSF)	HNu (c) (ppm)	REMARKS
0				Dark brown, soft, silty CLAY, moist.	cl			FILL MATERIAL
4	J0477	2/2/5/6	55	Pale yellow 2.5Y 7/4, loose, well graded, silty SAND with oxidized bands, moist.	sw			
6	J0477	11/17/23/17	80	Light gray 2.5Y 7/2, medium dense to dense, silaceous, medium grained majority of well graded SAND, moist.	sw			
8	J0478	9/11/11/11	80	Light gray 2.5Y 7/2, loose to medium dense, silaceous, medium grained, poorly graded, SAND, dry.	sp			
10	J0478	3/6/6/7	80	Yellow 2.5Y 7/6, loose, silaceous, medium to coarse grained, poorly graded, slightly silty SAND, wet.	sp			▽ 10.5' (b)
12	DISCARD	2/3/3/6	80	White 2.5Y 8/2, loose, silaceous, medium to coarse grained, poorly graded, SAND, saturated.	sp			
13				TOTAL DEPTH = 13.0'				

NOTES:

(a) Elevation reference from 1929 mean sea level datum.

(b) Water level from ground surface at time of boring measured at point of soil saturation in split spoon sample.

(c) Recorded by on-site health and safety officer.

Borehole abandoned by grouting, free-fall method.

3 10 01265

INTERNATIONAL TECHNOLOGY CORPORATION

VISUAL CLASSIFICATION OF SOILS

PROJECT NO.. 408619	PROJECT NAME: BLUFF ROAD, COLUMBIA, S.C.	
BORING NUMBER: B-24	COORDINATES:	DATE. 1-25-89
ELEVATION: (a)	GWL: DEPTH 8.0FT DATE/TIME: 1-26-89/1208	START: 1-25-89
ENG./GEOL. L.SCHEINOST	DEPTH - DATE/TIME: -	COMPLETE: 1-25-89
DRILL METHOD. 8 IN. HOLLOW STEM AUGER		PAGE 1 OF 1

DEPTH (FT)	SAMPLE TYPE & NO.	BLOWS ON SAMPLER PER (6 IN.)	RECOVERY (%)	MATERIAL DESCRIPTION	USCS SYMBOL	MEASURED CONSISTENCY (TSF)	HNu (ppm)	REMARKS
0				2" Dark brown humus. Pine tree roots hit at 1' Brownish yellow 10YR 6/6, soft, sandy CLAY.	cl			
3	J O 4 7 1	10/14/24/34	100	Light gray 2.5Y 7/2, medium dense to very dense (at lower foot of sample), fine grained clayey SAND, moist.	ml		0	
5		11/17/16/16	95	Light gray 2.5Y 7/2, medium dense to dense, slightly cemented, medium grained, well graded silty SAND.	sw	.25 to .50	5	
7	J O 4 7 2	7/6/6/9	50	White 2.5Y 8/2, medium dense, silaceous, poorly graded, coarse grained SAND, saturated.	sp		10	▽ 8.0' (b)
9	DIS-CARDED	5/6	10	Light gray 2.5Y 7/2, loose, silaceous, medium to coarse grained, poorly graded, slightly silty SAND, saturated.	sp		0	
10				TOTAL DEPTH = 10.0'				
15								

NOTES:

(a) Elevation reference from 1929 mean sea level datum.

(b) Water level from ground surface at time of boring, measured at at point of soil saturation in split spoon sample.
Borehole abandoned by grouting, free-fall method.

3 10 01266

INTERNATIONAL TECHNOLOGY CORPORATION

VISUAL CLASSIFICATION OF SOILS

PROJECT NO.: 408619	PROJECT NAME: BLUFF ROAD, COLUMBIA, S.C.	
BORING NUMBER: B-25	COORDINATES:	DATE: 1-25-89
ELEVATION: (a)	GWL: DEPTH 10.0FT DATE/TIME: 1-25-89/1020	START: 1-25-89
ENG./GEOL. L.SCHEINOST	DEPTH - DATE/TIME: -	COMPLETE: 1-25-89
DRILL METHOD. 8 IN. HOLLOW STEM AUGER		PAGE 1 OF 1

DEPTH (FT)	SAMPLE TYPE & NO.	BLOWS ON SAMPLER PER (6 IN.)	RECOVERY (%)	MATERIAL DESCRIPTION	USCS SYMBOL	MEASURED CONSISTENCY (TSF)	HNu (c) (ppm)	REMARKS
0				3" of humus.				
1				Light yellowish brown, clayey SILT.	ml			
2								
3								
4	J0469	7/10/15/32	100	Light yellowish brown 2.5Y 6/4, medium dense to dense, clayey SAND, moist.	ml			
5								
6		11/25/57/83	70	White 10YR 8/2, dense to very dense, well graded, fine grained silty SAND, dry.	sw			
7								
8	J0470	9/5/7/10	75	Light gray 2.5Y 7/2, medium dense, medium grained, silaceous, slightly cemented, silty SAND, moist.	sw	.25 to .50		
9								
10		5/5	90	Olive yellow 2.5Y 6/8, loose, well graded, coarser SAND, moist.	sw			▽ 10.0' (b)
11	DISCARDED	3/4/7/7	100	Brownish yellow 10YR 6/8, loose to medium dense, poorly graded, coarse grained SAND, saturated.	sp			
12								
13				TOTAL DEPTH = 12.0'				
14								
15								

NOTES:

(a) Elevation reference from 1929 mean sea level datum.

(b) Water level at time of boring, from visual saturation in sample spoon.

(c) Recorded by on-site health and safety officer.

Borehole abandoned by grouting, free-fall method.

3 10 01267

INTERNATIONAL TECHNOLOGY CORPORATION

VISUAL CLASSIFICATION OF SOILS

PROJECT NO.: 408619	PROJECT NAME: BLUFF ROAD, COLUMBIA, S.C.	
BORING NUMBER: B-26	COORDINATES:	DATE: 1-24-89
ELEVATION: (a)	GWL: DEPTH 9.0FT DATE/TIME: 1-24-89/1438	START: 1-24-89
ENG./GEOL. L.SCHEINOST	DEPTH - DATE/TIME: -	COMPLETE: 1-24-89
DRILL METHOD: 8 IN. HOLLOW STEM AUGER		PAGE 1 OF 1

DEPTH (FT)	SAMPLE TYPE & NO.	BLOWS ON SAMPLER PER (6 IN.)	RECOVERY (%)	MATERIAL DESCRIPTION	USCS SYMBOL	MEASURED CONSISTENCY (TSF)	HNu (c) (ppm)	REMARKS
0-3				Dark brown organic rich clayey SILT grading to brownish yellow, soft, clayey SILT to silty CLAY.	ml			
3-5	J0467	5/10/16/25	80	Brownish yellow 10YR 6/8, medium dense to dense, clayey, fine grained SAND, dry.	ml			
5-7	J0467	6/21/19/12	80	Light gray 10YR 7/1, medium dense, medium grained, slightly cemented, silty SAND, dry.	sp	1.0 to 2.0		
7-9	J0468	6/7/11/10	100	Light gray 10YR 7/1, medium dense, medium to coarse grained silty SAND, moist.	sm			▽ 9.0' (b)
9-11	DISCARDED	3/1/1/3	35	Light gray 10YR 7/2, very loose, poorly graded, coarse grained, silaceous, SAND, saturated.	sp			
11-15				TOTAL DEPTH = 11.0'				

NOTES:
(a) Elevation reference from 1929 mean sea level datum.
(b) Water level from ground surface at time of boring, measured at point of soil saturation in split spoon sample.
(c) Recorded by on-site health and safety officer.
Borehole abandoned by grouting, free-fall method.

3 10 01268

INTERNATIONAL TECHNOLOGY CORPORATION

VISUAL CLASSIFICATION OF SOILS

PROJECT NO.. 408619	PROJECT NAME: BLUFF ROAD, COLUMBIA, S.C.	
BORING NUMBER. B-27	COORDINATES:	DATE: 1-23-89
ELEVATION: (a)	GWL: DEPTH 10.0FT DATE/TIME: 1-23-89/1715	START: 1-23-89
ENG./GEOL.. W.WRIGHTSON	DEPTH – DATE/TIME: –	COMPLETE: 1-23-89
DRILL METHOD. 8 IN. HOLLOW STEM AUGER		PAGE 1 OF 1

DEPTH (FT)	SAMPLE TYPE & NO.	BLOWS ON SAMPLER PER (6 IN.)	RECOVERY (%)	MATERIAL DESCRIPTION	USCS SYMBOL	MEASURED CONSISTENCY (TSF)	HNu (c) (ppm)	REMARKS
0				3" Organic humus–				
1								
2				Light yellowish brown 10YR 6/4, fine grained, well graded, clayey SAND with some silt.	sc			
3								
4	J046 65	7/17/42/50. for 5"	100	Light gray 10YR 7/1, very dense, fine grained, lightly cemented SAND, some clay, poorly graded.	sp			
5								
6		13/13/32/26	100	Light gray 10YR 7/2, very dense, medium to coarse grained, poorly graded SAND with some clay and silt in matrix.	sp			
7								
8	J046 66	13/15/10/15	75	Light gray 2.5YR 7/0, dense, medium to coarse grained, poorly graded SAND in clay matrix, moist.	sm			
9		6/5	100	Pale yellow 2.5YR 7/6, dense, coarse grained SAND and silt, moist.	sp			▽ 10.0' (b)
10								
11	DISCARDED	3/6/4/4	100	Pale yellow 2.5YR 7/4, loose, coarse grained SAND, saturated.	sp			
12				TOTAL DEPTH = 12.0'				
13								
14								
15								

NOTES:

(a) Elevation reference from 1929 mean sea level datum.

(b) Water level from ground surface at time of boring, measured at point of soil saturation in split spoon sample.

(c) Recorded by on-site health and safety officer.

Borehole abandoned by grouting, free-fall method.

3 10 01269

APPENDIX B

BORING/WELL LOGS

3 10 01270

INTERNATIONAL TECHNOLOGY CORPORATION

VISUAL CLASSIFICATION OF SOILS

PROJECT NO.. 408619	PROJECT NAME: BLUFF ROAD, COLUMBIA, S.C.	
BORING NUMBER: B-1	COORDINATES:	DATE: 1-30-89
ELEVATION: (a)	GWL: DEPTH 11 FT DATE/TIME: 1-30-89/1020	START: 1-30-89
ENG./GEOL. L. SCHEINOST	DEPTH - DATE/TIME: -	COMPLETE: 1-30-89
DRILL METHOD. 8 IN. HOLLOW STEM AUGER		PAGE 1 OF 1

DEPTH (FT)	SAMPLE TYPE & NO.	BLOWS ON SAMPLER PER (6 IN)	RECOVERY (%)	MATERIAL DESCRIPTION	USCS SYMBOL	MEASURED CONSISTENCY (TSF)	HNu (ppm)	REMARKS
0				Strong brown 7.5YR 4/6, very loose, soft, non-plastic, unconsolidated, silty, fine grain SAND, slightly moist.	sm			
5	J0495	2/1/3	100	Reddish yellow 7.5YR 6/8, very loose, slightly silty, fine to medium grain, poorly graded SAND, moist. A few black pebbles included.	sp		1	J0495 IS DUPLICATE
7				Brownish yellow 10YR 6/8, loose to medium dense, unconsolidated, poorly graded, non-plastic, medium grain SAND with minor fine grain sand, dry.	sp		0	
8	J0494	3/5/7/6	100					
9				Yellow 10YR 7/8, loose to medium dense, unconsolidated, non-plastic, fairly well graded, medium to coarser grain, silaceous SAND, silghtly moist at 11.0'.	sw		0	
10		3/2/2/4	100					
11								▽ 11.0' (b)
12	DISCARDED	4/5/6/10	100	Yellow 2.5Y 7/6, loose to medium dense, silaceous, well graded, medium to coarse SAND, saturated.	sw			
13				White 2.5Y 8/2, 3" layer, fairly well graded, medium to coarse, silaceous SAND with slight amount of silt, saturated.				
15				TOTAL DEPTH = 13.0'				

NOTES:

(a) Elevation from 1929 mean sea level datum.

(b) Water level from ground surface at time of boring measured at point of soil saturation in split spoon sample.

Borehole abandoned by grouting, free-fall method.

3 10 01271

INTERNATIONAL TECHNOLOGY CORPORATION

VISUAL CLASSIFICATION OF SOILS

PROJECT NO.. 408619	PROJECT NAME: BLUFF ROAD, COLUMBIA, S.C.	
BORING NUMBER: B-2	COORDINATES:	DATE: 1-30-89
ELEVATION: (a)	GWL: DEPTH 11.5FT DATE/TIME: 1-30-89/1230	START: 1-30-89
ENG./GEOL. L. SCHEINOST	DEPTH - DATE/TIME: -	COMPLETE: 1-30-89
DRILL METHOD. 8 IN. HOLLOW STEM AUGER		PAGE 1 OF 1

DEPTH (FT.)	SAMPLE TYPE & NO.	BLOWS ON SAMPLER PER (6 IN.)	RECOVERY (%)	MATERIAL DESCRIPTION	USCS SYMBOL	MEASURED CONSISTENCY (TSF)	HNu (ppm)	REMARKS
0				Strong brown 7.5YR 4/6, very loose, soft, non-plastic, unconsolidated, silty, fine grain SAND, slightly moist.	sm			
4	J0498 6 J0498 8	2/2/2	100	Reddish yellow 7.5YR 6/8, loose, slightly silty, fine to medium grain, poorly graded SAND, moist.	sp		0	J0498 IS DUPLICATE
6				Dark yellowish brown 10YR 3/4, medium dense, unconsolidated, non-plastic, silty, fine grain SAND, dry.	sm		1	
8	J0497	9/11/16/16	100	Yellow 10YR 7/6, medium dense to dense, unconsolidated, non-plastic, medium grain, fairly well graded, silaceous SAND, dry.	sw			
10		11/11/9/8	80	Yellow 10YR 7/6, medium dense, silaceous, well graded, medium to coarse SAND, moist.	sw		1	
12	DISCARDED	8/9/16/14	50	White 2.5Y 8/2, medium dense, fairly poorly graded, coarse, silaceous, slightly silty, SAND, saturated	sp			▽ 11.5' (b)
13				TOTAL DEPTH = 13.0'				
15								

NOTES:

(a) Elevation from 1929 mean sea level datum.

(b) Water level from ground surface at time of boring measured at point of soil saturation in split spoon sample.

Borehole abandoned by grouting, free-fall method.

3 10 01272

INTERNATIONAL TECHNOLOGY CORPORATION

VISUAL CLASSIFICATION OF SOILS

PROJECT NO.. 408619	PROJECT NAME: BLUFF ROAD, COLUMBIA, S.C.	
BORING NUMBER: B-3	COORDINATES:	DATE. 1-19-89
ELEVATION: (a)	GWL: DEPTH 11.5FT DATE/TIME: 1-19-89/1000	START: 1-19-89
ENG./GEOL. W. WRIGHTSON	DEPTH - DATE/TIME: -	COMPLETE: 1-19-89
DRILL METHOD. 8 IN. HOLLOW STEM AUGER		PAGE 1 OF 1

DEPTH (FT)	SAMPLE TYPE & NO.	BLOWS ON SAMPLER PER (6 IN.)	RECOVERY (%)	MATERIAL DESCRIPTION	USCS SYMBOL	MEASURED CONSISTENCY (TSF)	HNu (ppm)	REMARKS
0				6" coarse gravel (road base), and silty SAND.	sm			
1								
2								
3								Noticed oily substance in split spoons, believed to have come from inside of drill rods. Decontaminated equipment and resampled. (See boring log B-3A.)
4	J0443	4/5/5/6	100	Yellowish brown 10YR 5/6, loose, medium grained silty SAND.	sm			
5								
6		(c)	100	Yellowish brown 10YR 5/6, loose, medium grained silty SAND.	sm		(d)	
7								
8								
9	J0444	9/9/10/14	100	Yellowish brown 10YR 5/6, medium dense, medium to coarse grained SAND, some silt.	sm		(d)	
10								
11	J0442	7/7/8/9	100	Yellowish brown 10YR 5/6, medium dense, medium to coarse grained SAND, some silt, saturated.	sm		(d)	▽ 11.5' (b)
12								
				TOTAL DEPTH = 12.0'				
13								
14								
15								

NOTES:
(a) Elevation from 1929 mean sea level datum.
(b) Water level from ground surface at time of boring measured at point of soil saturation in split spoon sample.
(c) Not recorded.
(d) Recorded by health and safety officer.
Borehole abandoned by grouting, free-fall method.

3 10 01273

INTERNATIONAL TECHNOLOGY CORPORATION

VISUAL CLASSIFICATION OF SOILS

PROJECT NO.. 408619	PROJECT NAME: BLUFF ROAD, COLUMBIA, S.C.	
BORING NUMBER: B-3A	COORDINATES:	DATE: 1-19-89
ELEVATION: (a)	GWL: DEPTH 11.5FT DATE/TIME: 1-19-89/1220	START: 1-19-89
ENG./GEOL.. W. WRIGHTSON	DEPTH - DATE/TIME: -	COMPLETE: 1-19-89
DRILL METHOD. 8 IN. HOLLOW STEM AUGER		PAGE 1 OF 1

DEPTH (FT)	SAMPLE TYPE & NO.	BLOWS ON SAMPLER PER (6 IN.)	RECOVERY (%)	MATERIAL DESCRIPTION	USCS SYMBOL	MEASURED CONSISTENCY (TSF)	HNu (ppm)	REMARKS
0-3				6" coarse gravel (road base), and silty SAND.	sm			
3-5	J0445	3/3/5/5	100	Yellow-brown 10YR 5/6, loose, medium grained silty SAND.	sm		(d)	
5-7	J0445	6/7/8/9	100	Yellow-brown 10YR 5/6, loose, medium grained silty SAND.	sm		(d)	
8-10	J0446	(c)	100	Yellowish brown, loose, medium to coarse grained SAND, some silt.	sm		(d)	
10-12	J0447	9/11/11/12	75	Yellowish brown, loose, medium to coarse grained SAND, as above, saturated bottom 6"	sm		(d)	▽ 11.5' (b)
12-15				TOTAL DEPTH = 12.0'				

NOTES:
(a) Elevation from 1929 mean sea level datum.
(b) Water level from ground surface at time of boring measured at point of soil saturation in split spoon sample.
(c) Not recorded.
(d) Recorded by health and safety officer.
Borehole abandoned by grouting, free-fall method.

3 10 01274

INTERNATIONAL TECHNOLOGY CORPORATION

VISUAL CLASSIFICATION OF SOILS

PROJECT NO.. 408619	PROJECT NAME: BLUFF ROAD, COLUMBIA, S.C.	
BORING NUMBER: B-4	COORDINATES:	DATE: 1-31-89
ELEVATION: (a)	GWL: DEPTH 13.25FT DATE/TIME: 1-31-89/1150	START: 1-31-89
ENG./GEOL.. L. SCHEINOST	DEPTH - DATE/TIME: -	COMPLETE: 1-31-89
DRILL METHOD. 8 IN. HOLLOW STEM AUGER		PAGE 1 OF 1

DEPTH (FT)	SAMPLE TYPE & NO.	BLOWS ON SAMPLER PER (6 IN.)	RECOVERY (%)	MATERIAL DESCRIPTION	USCS SYMBOL	MEASURED CONSISTENCY (TSF)	HNu (ppm)	REMARKS
0				Yellowish red 5YR 5/8, soft very loose, poorly graded, medium to fine grained SAND, dry.	sp			FILL MATERIAL
4	J1508 J1509	2/1/2	100	Reddish yellow 7.5YR 6/6, soft, very loose, unconsolidated, mottled, fine to medium grained, slightly silty SAND, slightly moist.	sm		2	J1509 IS DUPLICATE — PLASTIC LINER AT 4 1/2'
7	J1510	4/5/7/9	50	Olive yellow 2.5Y 6/6, loose to medium dense, medium grained, unconsolidated, fairly poorly graded SAND, dry.	sp		0	
9		7/8/8/9	75	Olive yellow 2.5Y 6/6, medium dense, unconsolidated, medium to coarse grained, fairly poorly graded SAND, slightly moist.	sp		5	
11	DISCARDED	7/8/9/7	20	White 2.5Y N8/, medium dense, unconsolidated, well graded, silaceous, mainly coarse grained SAND, slightly moist	sw			
13		3/2/3/3	100	Pale yellow 2.5Y 7/4, loose, unconsolidated, poorly graded, medium grained, silaceous SAND, saturated. Changes color to gray 2.5Y N5/ then again to pale olive 5Y 6/3 at 14.5'.	sp		.5	▽ 13.25' (b)
15				TOTAL DEPTH = 15.0'				

NOTES:

(a) Elevation from 1929 mean sea level datum.

(b) Water level from ground surface at time of boring measured at point of soil saturation in split spoon sample.

Borehole abandoned by grouting, free-fall method.

3 10 01275

INTERNATIONAL TECHNOLOGY CORPORATION

VISUAL CLASSIFICATION OF SOILS

PROJECT NO · 408619	PROJECT NAME: BLUFF ROAD, COLUMBIA, S.C.	
BORING NUMBER: B-28	COORDINATES·	DATE: 1-23-89
ELEVATION: (a)	GWL: DEPTH 8.0FT DATE/TIME: 1-23-89/1511	START: 1-23-89
ENG./GEOL.. W.WRIGHTSON	DEPTH – DATE/TIME: –	COMPLETE: 1-23-89
DRILL METHOD: 8 IN. HOLLOW STEM AUGER		PAGE 1 OF 1

DEPTH (FT)	SAMPLE TYPE & NO.	BLOWS ON SAMPLER PER (6 IN.)	RECOVERY (%)	MATERIAL DESCRIPTION	USCS SYMBOL	MEASURED CONSISTENCY (TSF)	HNu (c) (ppm)	REMARKS
0								
1								
2								
3								
4	J 0 4 6 3	4/7/12/19	100	Light yellow brown 10YR 6/4, medium stiff, CLAY, some sand, silaceous silt.	cl		(c)	
5								
6		22/25/32/37	50	Very pale brown 10YR 7/3, very dense, fine grained SAND, some clay.	sm		(c)	Strong chemical odor observed in sample. OVA reading at back-ground.
7								
8	J 0 4 6 4	5/5/6/6	100	Light gray 10YR 7/1, loose, fine to medium grained, poorly graded SAND, some silt. Saturation in coarser fraction.	sp		(c)	▽ 8.0' (b)
9								
10		6/6/7/8	100	Gray 10YR 6/1, loose, medium to coarse grained, poorly graded, SAND, trace silt.	sp		(c)	
11								
12				TOTAL DEPTH = 11.0'				
13								
14								
15								

NOTES.

(a) Elevation surveyed from USGS 1929 mean sea level datum.

(b) Water level determined at time of boring, from saturation in split spoon sample.

(c) Recorded by on-site health and safety officer.

Borehole abandoned by grouting, free-fall method.

3-10-01276

INTERNATIONAL TECHNOLOGY CORPORATION

VISUAL CLASSIFICATION OF SOILS

PROJECT NO.. 408619	PROJECT NAME: BLUFF ROAD, COLUMBIA, S.C.	
BORING NUMBER. B-29	COORDINATES:	DATE: 1-23-89
ELEVATION: (a)	GWL. DEPTH 8.5FT DATE/TIME: 1-23-89/1030	START: 1-23-89
ENG./GEOL. W.WRIGHTSON	DEPTH - DATE/TIME: -	COMPLETE: 1-23-89
DRILL METHOD. 8 IN. HOLLOW STEM AUGER		PAGE 1 OF 1

DEPTH (FT)	SAMPLE TYPE & NO.	BLOWS ON SAMPLER PER (6 IN.)	RECOVERY (%)	MATERIAL DESCRIPTION	USCS SYMBOL	MEASURED CONSISTENCY (TSF)	HNu (c) (ppm)	REMARKS
0				3" Humus-wet.				
1				Brownish yellow 10YR 6/6, silty CLAY, some sand.	cl			
2								
3								
4	J04590	4/14/24/32	100	Light gray 10YR 7/2, very dense, fine to medium grained, SAND, in clay matrix.	sc			
5								Shelby Tube sample from 4.5'-6.0'.
6		31/28/47/42	50	Very pale brown 10YR 8/3, very dense, fine to medium grained SAND, sub-angular, some clay and silt as matrix.	sc			
7								
8	J04600	8/7/7/7	50	Very pale brown 10YR 8/3, loose, fine to medium grained SAND, sub-angular, poorly graded.	sw			▽ 8.5' (b)
9								
10		6/5/6/5	100	Light gray, 10YR 7/1, loose, medium to coarse grained, subrounded, poorly graded SAND, some silt, saturated.	sw			Shelby Tube sample from 9.0'-11.0'
11								
12				TOTAL DEPTH = 11.0'				
13								
14								
15								

NOTES:

(a) Elevation from 1929 mean sea level datum.

(b) Water level at time of boring, from visual saturation in sample spoon.

(c) Recorded by on-site health and safety officer.

Borehole abandoned by grouting, free-fall method.

3 10 01277

INTERNATIONAL TECHNOLOGY CORPORATION

VISUAL CLASSIFICATION OF SOILS

PROJECT No.: 408619	PROJECT NAME: BLUFF ROAD, COLUMBIA, S.C.	
BORING NUMBER: MW - 1A	COORDINATES:	DATE: 2-28-89
ELEVATION[a]: 143.105'	GWL:DEPTH: 13.0' DATE/TIME: 2-28-89	START: 2-28-89
ENG./GEOL.: SHIREMAN/WRIGHTSON		COMPLETE: 2-28-89
DRILL METHOD: HOLLOW STEM AUGER		PAGE 1 OF 1

DEPTH (FT)	SAMPLE TYPE & NO.	BLOWS ON SAMPLER PER (6 IN.)	RECOVERY (%)	MATERIAL DESCRIPTION	USCS SYMBOL	MEASURED CONSISTENCY (TSF)	HNu (ppm)	REMARKS
0								Shallow well of well pair. No samples taken. See Boring Log for MW-1B for details.
				Reddish brown organic rich silty SAND (5YR5/6) (GRAB)	sm			dry
5				Yellowish brown (10YR8/8) coarse grained medium to coarse SAND (GRAB)	sm			dry
10				Tan to buff (7.5YR6/4) coarse to very coarse SAND. Occasional gravel in drill cuttings (GRAB)	sp			▽ saturated sands
15								
20				TOTAL DEPTH = 20.0ft.				
25								
30								

NOTES:

[a] Elevation from top of riser pipe, based on mean sea level datum. Pad elevation is 140.861', approximately 2inches above ground elevation.

Screen 20.0ft. to 10.0ft., 0.010-inch slot width stainless steel
Sand pack 20.0ft. to 8.0ft.
Bentonite 8.0ft. to 6.0ft.
Grout 6.0ft. to 0.0ft.

3 10 01278

INTERNATIONAL TECHNOLOGY CORPORATION

VISUAL CLASSIFICATION OF SOILS

PROJECT No.: 408619	PROJECT NAME: BLUFF ROAD, COLUMBIA, S.C.	
BORING NUMBER: MW - 1B	COORDINATES:	DATE: 2-28-89
ELEVATION[a]: 143.099'	GWL:DEPTH, 11.0' DATE/TIME: 2-28-89	START: 2-28-89
ENG./GEOL.: SHIREMAN/WRIGHTSON		COMPLETE: 3-01-89
DRILL METHOD: HOLLOW STEM AUGER		PAGE 1 OF 2

DEPTH (FT)	SAMPLE TYPE & NO.	BLOWS ON SAMPLER PER (6 IN.)	RECOVERY (%)	MATERIAL DESCRIPTION	USCS SYMBOL	MEASURED CONSISTENCY (TSF)	HNu (ppm)	REMARKS
0								
	2.5 -4	4/2/4	70	Reddish brown (2.5YR 4/6) silty SAND, medium dense	sm		0	dry
5	5 -6.5	N/A	N/A	Light yellow (5YR 5/8) silty SAND, medium dense	sm			dry
10	10 -11.5	5/5/6	100	Light grey (5YR 7/2) very coarse SAND with occasional gravel, loose	sp			wet ▽ saturation at 11.0 ft.
15	15 -16.5	2/2/3	90	Light grey (5YR 8/1) coarse SAND, loose	sp			saturated
20	20 -21.5	4/4/3	100	Light grey (5YR 7/2) very coarse SAND, loose	sp			
25	25 -26.5	4/3/5	100	Light grey (5YR 8/1) very coarse SAND with occasional gravel, loose	sp			
30								

NOTES:

[a] Elevation from top of riser pipe, based on mean sea level datum. Pad elevation is 140.825', approximately 2 inches above ground elevation.

Screen 35.0ft to 45.0ft.
Sand pack 32.0ft. to 35.0ft.
Bentonite cement slurry 32.0ft. to 25.0ft.
Neat cement (Tremie grout) 0.0ft. to 25.0ft.

3 10 01279

INTERNATIONAL TECHNOLOGY CORPORATION

VISUAL CLASSIFICATION OF SOILS

PROJECT No.: 408619	PROJECT NAME: BLUFF ROAD, COLUMBIA, S.C.	
BORING NUMBER: MW - 1B	COORDINATES:	DATE: 2-28-89
ELEVATION[a]: 143.099'	GWL DEPTH: 110 ft. DATE/TIME: 2-28-89	START: 2-28-89
ENG./GEOL.: SHIREMAN/WRIGHTSON		COMPLETE: 3-01-89
DRILL METHOD: HOLLOW STEM AUGER		PAGE 2 OF 2

DEPTH (FT)	SAMPLE TYPE & NO.	BLOWS ON SAMPLER PER (6 IN.)	RECOVERY (%)	MATERIAL DESCRIPTION	USCS SYMBOL	MEASURED CONSISTENCY (TSF)	HNu (ppm)	REMARKS
30	30 -31.5	4/5/6	100	Light grey (5YR7/2) coarse to very coarse SAND, loose	sp			saturated
35	35 -36.5	3/3/3	100	Light grey (5YR7/2) coarse to very coarse SAND, loose	sp			saturated running sand in augers, used light drilling mud to complete boring
40	40 -41.5	3/4/3	50	Light grey (5YR8/1) very coarse SAND, loose	sp			saturated,
45	45 -47.5	6/15/24	100	TOTAL DEPTH = 45ft.11in. 3 inches (5YR8/1) pea sized gravel 1.25 ft. (5YR4/1) medium grey CLAY with minor SILT, very stiff	gm ch			
50								
55								
60								

NOTES:

a Elevation from top of riser pipe based on mean sea level datum. Pad elevation is 140.825', approximately 2 inches above ground elevation.

3 10 01280

INTERNATIONAL TECHNOLOGY CORPORATION

VISUAL CLASSIFICATION OF SOILS

PROJECT No.: 408619	PROJECT NAME: BLUFF ROAD, COLUMBIA, S.C.	
BORING NUMBER: MW - 2A	COORDINATES:	DATE: 3-16-89
ELEVATION[a]: 138.471'	GWL:DEPTH: 15 FT. DATE/TIME: 3-16-89	START: 3-16-89
ENG./GEOL.: SHIREMAN		COMPLETE: 3-16-89
DRILL METHOD: HOLLOW STEM AUGER		PAGE 1 OF 1

DEPTH (FT)	SAMPLE TYPE & NO.	BLOWS ON SAMPLER PER (6 IN.)	RECOVERY (%)	MATERIAL DESCRIPTION	USCS SYMBOL	MEASURED CONSISTENCY (TSF)	HNu (ppm)	REMARKS
0								Shallow well of well pair. No samples taken. See Boring Log for MW-2B for details.
5				Yellow brown (7.5YR6/6) medium dense silty SAND. (GRAB)				
10								
15				SAND, light grey (Y7/10) very loose saturated medium to coarse (GRAB)				▽ Water level at time of boring
20				TOTAL DEPTH = 22.5FT.				
25								
30								

NOTES:

[a] Elevation from top of riser pipe, based on mean sea level datum. Pad elevation is 136.643', approximately 2 inches above ground elevation.

Screen 8.0ft. to 18.0ft.
Sand pack 6ft. 6in. to 22ft. 6in.
Bentonite pellets 5.0ft. to 6ft. 6in.
Grout 0.0ft. to 5.0ft.

3 10 01261

INTERNATIONAL TECHNOLOGY CORPORATION

VISUAL CLASSIFICATION OF SOILS

PROJECT No.: 408619	PROJECT NAME: BLUFF ROAD, COLUMBIA, S.C.	
BORING NUMBER: MW - 2B	COORDINATES:	DATE: 3-14-89
ELEVATION[a]: 138.531'	GWL:DEPTH: 15.5 ft. DATE/TIME: 3-14-89	START: 3-14-89
ENG./GEOL.: SHIREMAN		COMPLETE: 3-14-89
DRILL METHOD: HOLLOW STEM AUGER		PAGE 1 OF 2

DEPTH (FT)	SAMPLE TYPE & NO.	BLOWS ON SAMPLER PER (6 IN.)	RECOVERY (%)	MATERIAL DESCRIPTION	USCS SYMBOL	MEASURED CONSISTENCY (TSF)	HNu (ppm)	REMARKS
0								
5	5 -6.5	4/8/20	100	Upper 3 in. moist dark clayey silty SAND, lower portion dry, yellow brown, (7.5YR6/6) medium dense sharp contact, lower 3 in. white silty fine SAND, dry	sc / sm			0.8 OVA[b] (exhaust from drill rig interfered with the reading)
10	10 -11.5	3/6/10	-	Very fine grained silty white (5YR8/1) SAND, medium dense	sm			0.2 OVA
15	15 -16.5	2/2/2	100	Very loose, saturated medium grained buff (10YR6/6) SAND coarsens downward	sp			0.2 OVA ▽ Water level at time of boring
20	20 -21.5	3/3/8	100	Very loose saturated medium to coarse grained light grey (N7/10) to (10YR6/6) SAND	sp			0.2 OVA
25	25 -26.5	3/3/4	100	Very loose saturated medium grained SAND grading down to coarse white (5YR8/1) feldspathic SAND	sw			0.2 OVA
30								

NOTES:

[a] Elevation from top of riser pipe, based on mean sea level datum. Pad elevation is 136.572', approximately 2 inches above ground elevation.

[b] OVA in ppm

3 10 01282

INTERNATIONAL TECHNOLOGY CORPORATION

VISUAL CLASSIFICATION OF SOILS

PROJECT No.: 408619	PROJECT NAME: BLUFF ROAD, COLUMBIA, S.C.	
BORING NUMBER: MW - 2B	COORDINATES:	DATE: 3-14-89
ELEVATION[a]: 138.531'	GWL DEPTH: 15.5 ft. DATE/TIME: 3-14-89	START: 3-14-89
ENG./GEOL.: SHIREMAN		COMPLETE: 3-14-89
DRILL METHOD: HOLLOW STEM AUGER		PAGE 2 OF 2

DEPTH (FT)	SAMPLE TYPE & NO.	BLOWS ON SAMPLER PER (6 IN.)	RECOVERY (%)	MATERIAL DESCRIPTION	USCS SYMBOL	MEASURED CONSISTENCY (TSF)	HNu (ppm)	REMARKS
30	30 -31.5	4/4/3	100	10 in. of very loose sandy GRAVEL Lower 8 in. very loose gravelly very coarse SAND, pebbles 1 - 2 cm	gw / sw			
35	35 -36.5	3/2/5	100	Upper 8 in. buff (10YR6/6), very loose, saturated GRAVEL, lower 8 in. very coarse to coarse very loose white (5YR8/1) gravelly	gw			0.03 ppm OVA
40	40 -41.5	3/1/1	100	Gravelly very loose white (5YR8/1) very coarse to medium SAND	sw			
45	45 -46.5	3/3/1	30	White (5YR8/1) very loose saturated coarse SAND	sp			
				3 in. very plastic, very soft black (N2/0) clay Hard clay at 47 ft.	ch			
50				TOTAL DEPTH = 47.5ft.				
55								
60								

NOTES:

[a] Elevation from top of riser pipe based on mean sea level datum. Pad elevation is 136.572', approximately 2 inches above ground elevation.

screen	47.0ft. to 37.0ft.	Light drilling mud used to keep borehole open.
sand pack	47.5ft. to 34.5ft.	
bentonite pellets	34.5ft. to 32.0ft.	
grouting	32.0ft. to 0.0ft.	

3 10 01283

INTERNATIONAL TECHNOLOGY CORPORATION

VISUAL CLASSIFICATION OF SOILS

PROJECT No.: 408619	PROJECT NAME: BLUFF ROAD, COLUMBIA, S.C.	
BORING NUMBER: MW - 3B	COORDINATES:	DATE: 3-28/29-89
ELEVATION[a]: 137.487'	GWL:DEPTH: 11.0 ft. DATE/TIME: 3-28-89	START: 3-28-89
ENG./GEOL.: HEMINGWAY/SHIREMAN		COMPLETE: 3-29-89
DRILL METHOD: 8" O.D. HOLLOW STEM AUGER, CLAY BIT, TERRAMAC 1000 RIG		PAGE 1 OF 2

DEPTH (FT)	SAMPLE TYPE & NO.	BLOWS ON SAMPLER PER (6 IN.)	RECOVERY (%)	MATERIAL DESCRIPTION	USCS SYMBOL	MEASURED CONSISTENCY (TSF)	HNu (ppm)	REMARKS
0	Grab			Moist to approx. 6 in., wet below; surficial layer of SILTY SAND, grey, loose, very fine to medium sand with 20-40% silt; moderately well graded, 20-30% plant debris and roots	sm			
				SILTY CLAY brown; moderately plastic; soft; wet	cl			3.0
5								5.0
5/6.5	SS	9/9/10	94	SILTY SAND; light grey (10YR7/2) dense; very fine to fine sand with 20-25% silt; some clay uniformly graded moist; below 5.5ft. coarsens slightly to very fine to medium sand with light yellow brown mottling, 1/2in. thick layers of coarse sand	sm	N/A[b]		
10								8.3
10/11.5	SS	4/3/3	72	SANDY CLAY; light grey (10YR7/1); medium stiff; clay with 20-30% very fine sand, some silt; slightly plastic; moist to wet	cl	1.5 -2.5	0	▽ Water level at time of boring
15								
15/16.5	SS	1/1/1	39	SILTY SAND; pale yellow (5Y7/4); loose; fine to medium sand with 20-30% silt; uniformly graded; wet	sm	N/A	2 (steady)	
20								
20/21.5	SS	3/4/10	67	SAND; white (2.5YN8/); loose; medium to coarse subangular to angular sand with trace silt; moderately well graded; wet; sand composed 95%+ quartz	sp	N/A		
25								
25/26.5	SS	4/5/7	33	SAND; white (2.5YN8/); loose to medium dense; very fine to fine sand with trace of medium sand, trace silt; uniformly graded; wet; layers of clayey sand to 1-inch thick	sp	N/A		
30								

NOTES:

[a] Elevation from top of riser pipe, based on mean sea level datum. Pad elevation is 134.600', approximately 2 inches above ground elevation.

[b] N/A = Not applicable

Ground conditions very poor, poor traction, no bearing strength

Auger hole advanced to 15.0ft., sampled to 16.5ft., by end of day 3/28/89. Resumed drilling following day, and TD'd the hole.

3 10 01284

INTERNATIONAL TECHNOLOGY CORPORATION

VISUAL CLASSIFICATION OF SOILS

PROJECT No.: 408619	PROJECT NAME: BLUFF ROAD, COLUMBIA, S.C.	
BORING NUMBER: MW - 3B	COORDINATES:	DATE: 3-29-89
ELEVATION[a]: 137.487'	GWL,DEPTH: 11.0 ft. DATE/TIME: 3-28-89	START: 3-28-89
ENG./GEOL.: HEMINGWAY/SHIREMAN		COMPLETE: 3-29-89
DRILL METHOD: HOLLOW STEM AUGER		PAGE 2 OF 2

DEPTH (FT)	SAMPLE TYPE & NO.	BLOWS ON SAMPLER PER (6 IN.)	RECOVERY (%)	MATERIAL DESCRIPTION	USCS SYMBOL	MEASURED CONSISTENCY (TSF)	HNu (ppm)	REMARKS
30								
30 -31.5	SS	9/4/4	50	SAND; white (7.5YRN8/); medium dense; very fine to coarse sand with trace silt. Also trace fine gravel in 1/2in. layer; well graded; wet; clayey sand at 30.0 to 30.2ft.	sw	N/A[b]		OVA[c] - 0.2-0.3 ppm
35								
35 -36.5	SS	0/3/2	44	SILTY SAND; brownish yellow (10YR6/8); loose; very fine to medium sand with 20-30% silt; well graded; wet red-yellow laminae; 2in. thick clay layer at 35.2 to 35.4ft.; sand has color change to white below clay	sm	N/A		OVA - 0.2 ppm
40								
40 -41.5	SS	4/3/3	88	SAND; white (10YR8/1); loose; fine to medium sand with trace very fine sand, trace fine gravel; poorly graded; wet. 2in. thick sandy clay layer at 40.2 to 40.4ft.; sand light yellow brown above clay. 6" gravel at base of sand.	sp	N/A		OVA - 0.0 ppm
								43.0ft.
44	SS	6/6/16	39	SILTY CLAY; light grey (10YR7/1); medium stiff; clay with 20-40% silt; moderately plastic; wet SILTY CLAY	cl			OVA - 0.2 ppm
45 -45.5								
				TOTAL DEPTH - 45.5ft.				
50								
55								
60								

NOTES:

[a] Elevation from top of riser pipe, based on mean sea level datum. Pad elevation is 134.600', approximately 2 inches above ground elevation.

[b] NA - Not applicable

[c] OVA - Organic Vapor Analyzer

Screen 33.5ft. to 43.5ft.
Sand pack 31.8ft. to 45.5ft.
Bentonite 29.8ft. to 31.8ft.
Grout 0.0ft. to 29.8ft.

3 10 01265

INTERNATIONAL TECHNOLOGY CORPORATION

VISUAL CLASSIFICATION OF SOILS

PROJECT No.: 408619	PROJECT NAME: BLUFF ROAD, COLUMBIA, S.C.	
BORING NUMBER: MW - 3C	COORDINATES:	DATE: 5-2-89
ELEVATION[a]: 137.595'	GWL:DEPTH NA DATE/TIME:	START: 4-28-89
ENG./GEOL.: HEMINGWAY		COMPLETE: 5-3-89
DRILL METHOD: 6",11" TRICONE ROLLER BITS, SPEEDSTAR 30K RIG, DIRECT MUD ROTARY		PAGE 1 OF 2

DEPTH (FT)	SAMPLE TYPE & NO.	BLOWS ON SAMPLER PER (6 IN.)	RECOVERY (%)	MATERIAL DESCRIPTION	USCS SYMBOL	MEASURED CONSISTENCY (TSF)	HNu (ppm)	REMARKS
0				See MW-3B Boring Log for stratigraphy of 0.0ft. to 45.0ft.				
45				SAND	sp			Drilling slows at 45.0ft., top of SILT
				Clayey SILT	ml			
50								8" surface casing to 47.0ft. Base of 11" boring at 48.0ft.
55								
55-57	SS 3"OD	N/A PUSH	100	Clayey SILT, very dark grey (10YR3/1); hard SILT with 15-30% CLAY, some very fine SAND; dry; moderately plastic; very slightly fissile	ml	>4.5		
				Black woody lignite layer at 58.5ft. to 59.5ft.				
60								
60-62	SS 3"OD	N/A PUSH	100	Clayey SILT; very dark gray (10YR3/1), hard; SILT with 15-25% CLAY, some very fine quartz SAND; moist slightly plastic; below 60.3ft., color lightens to grey (10YR5/1), softens to very stiff, clay precentage increases to 20-40% of total	ml	>4.5 3.5	0.2	
65								
65-67	SS 3"OD	N/A PUSH	100	Clayey SILT, very dark grey (10YR3/1); hard SILT with 15-30% CLAY; some v. fine quartz SAND; dry to moist; sl. plastic; better developed parting than above; horiz. layers of v. fine silty SAND throughout, 1/8" to 1-1/2" in thickness, grey (10YR5/1)	ml	>4.5	0.4	68ft.
				GRADATIONAL AT ABOUT 68FT.				

NOTES:

[a] Elevation from top of riser pipe, based on mean sea level datum. Pad elevation is 134.956', approximately 2" above ground elevation.

Screen 69.4ft. to 80.0ft.
Sand park 66.0ft. to 81.9ft.
Bentonite 44.5ft. to 66.0ft.
Grout 0.0ft. to 44.5ft.

3 10 01286

INTERNATIONAL TECHNOLOGY CORPORATION

VISUAL CLASSIFICATION OF SOILS

PROJECT No.: 408619	PROJECT NAME: BLUFF ROAD, COLUMBIA, S.C.	
BORING NUMBER: MW - 3C	COORDINATES:	DATE: 5-3-89
ELEVATION[a]: 137.595'	GWL DEPTH: NA DATE/TIME:	START: 4-28-89
ENG./GEOL.: HEMINGWAY		COMPLETE: 5-3-89
DRILL METHOD: 8",11" TRICONE ROLLER BITS,SPEEDSTAR 30K RIG, DIRECT MUD ROTARY		PAGE 2 OF 2

DEPTH (FT)	SAMPLE TYPE & NO.	BLOWS ON SAMPLER PER (6 IN.)	RECOVERY (%)	MATERIAL DESCRIPTION	USCS SYMBOL	MEASURED CONSISTENCY (TSF)	HNu (ppm)	REMARKS
70								
70-71.4	SS	N/A PUSH	100	Silty SAND; light grey (10YR7/1); dense; very fine SAND with 20-30% SILT, trace CLAY; wet; uniformly graded; thin (<1/8" thick) Lamina of dark grey clayey SILT	sm	N/A		Can't push past 71.4ft.
75								
75-78.9	SS 3"OD	N/A PUSH	83	Silty SAND; white (10YR8/1) to very pale brown (10YR8/3); dense; very fine SAND; wet; uniformly graded; brown to black soft wet silty clay layer at 75.2ft. to 75.5ft.; some very fine horizontal clay laminain sand below 76ft.	sm	N/A	0.4 0.6	 in clay layer
80								
80-81.9	SS 3"OD	N/A PUSH	100	Silty SAND; very pale brown (10YR8/3) to white (10YR8/1), dense; very fine SAND w/20-40% SILT, trace fine sand; wet; uniformly graded; silty, clay layers at 80.4ft. to 81.2ft. and below 81.8ft.	sm	N/A	0.4	
				TOTAL DEPTH = 81.9FT.				

NOTES:

[a] Elevation from top riser pipe, based on mean sea level datum. Pad elevation is 134.956', approximately 2 inches above ground elevation.

3 10 01287

INTERNATIONAL TECHNOLOGY CORPORATION

VISUAL CLASSIFICATION OF SOILS

PROJECT No.: 408619	PROJECT NAME: BLUFF ROAD, COLUMBIA, S.C.	
BORING NUMBER: MW - 4A	COORDINATES:	DATE: 2-15-89
ELEVATION[a]: 140.989'	GWL DEPTH: 9.0ft. DATE/TIME: 2-15-89	START: 2-15-89
ENG./GEOL.: WRIGHTSON		COMPLETE: 2-15-89
DRILL METHOD: HOLLOW STEM AUGER		PAGE 1 OF 1

DEPTH (FT)	SAMPLE TYPE & NO.	BLOWS ON SAMPLER PER (6 IN.)	RECOVERY (%)	MATERIAL DESCRIPTION	USCS SYMBOL	MEASURED CONSISTENCY (TSF)	HNu (ppm)	REMARKS
0	N/A[b]	N/A	N/A	Olive brown to grey, soft SILT, some clay	ml		NR[c]	
5				Light reddish brown, medium stiff SILT, some very fine grained sand	ml		NR	▽[d]
10				Light grey to brown, fine grained SAND grading to medium grained well rounded SAND				
15								
20				TOTAL DEPTH = 20ft.				
25								
30								

NOTES:

[a] Elevation from top of riser pipe, based on mean sea level datum. Pad elevation is 138.132', approximately 2 inches above ground elevation.

[b] NA - Not applicable-no soil samples collected (see MW-4B).

[c] NR - Not recorded.

[d] Water level at time of boring.

Screen from 7.5ft. to 17.5ft.
Sand from 5.0ft. to 20.0ft.
Bentonite from 3.0ft. to 5.0ft.
Grout from 0.0ft. to 3.0ft.

3 10 01288

INTERNATIONAL TECHNOLOGY CORPORATION

VISUAL CLASSIFICATION OF SOILS

PROJECT No.: 408619	PROJECT NAME: BLUFF ROAD, COLUMBIA, S.C.	
BORING NUMBER: MW - 4B	COORDINATES:	DATE: 2-16/17-89
ELEVATION[a]: 141.049'	GWL:DEPTH: 11.0ft. DATE/TIME: 2-16-89	START: 2-16-89
ENG./GEOL.: WRIGHTSON		COMPLETE: 2-20-89
DRILL METHOD: HOLLOW STEM AUGER		PAGE 1 OF 2

DEPTH (FT)	SAMPLE TYPE & NO.	BLOWS ON SAMPLER PER (6 IN.)	RECOVERY (%)	MATERIAL DESCRIPTION	USCS SYMBOL	MEASURED CONSISTENCY (TSF)	HNu (ppm)	REMARKS
0				Grey to black organic clayey SILT	ml		NR[b]	
	J[d] 1516	2.5 -4.0	100	Reddish brown, stiff silica SILT	ml		NR	
5		4.0 -6.5	50	Light grey, very fine grained, partially cemented silica SAND and SILT				OVA = 0 ppm to 30.0ft.
10	10 -12	6/5/4	20	Light grey loose, very fine to fine grained silty SAND, wet	sm		NR	▽[c]
15	15 -17	2/4/9 [d]	100	Light brown grey, loose, fine grained sand grading to medium grained, well rounded SAND, some silt, poorly graded	sp		NR	
20	20 -22	6/8/7	100	Light brown to grey, medium dense; medium to coarse grained, well rounded SAND. Trace biotite, trace shell fragments	sp		NR	
25	25 -27	13/8/7	100	Light brown to grey, medium dense, medium to coarse grained, well rounded SAND, trace biotite, trace shell fragments	sp		NR	2/17/89
30								

NOTES:

a Elevation from top of riser pipe, based on mean sea level datum. Pad elevation is 138.195', approximately 2 inches above ground elevation.

b NR = Not recorded.

c Water level at time of boring.

d Sampled with 3 inch diameter split spoon and 140 lb. hammer to obtain sufficient sample volume.

INTERNATIONAL TECHNOLOGY CORPORATION

01289

VISUAL CLASSIFICATION OF SOILS

PROJECT No.: 408619	PROJECT NAME: BLUFF ROAD, COLUMBIA, S.C.	
BORING NUMBER: MW - 4B	COORDINATES:	DATE: 2-17/18-89
ELEVATION[a]: 141.049'	GWL:DEPTH: 11.0ft. DATE/TIME: 2-16-89	START: 2-16-89
ENG./GEOL.: WRIGHTSON		COMPLETE: 2-20-89
DRILL METHOD: HOLLOW STEM AUGER		PAGE 2 OF 2

DEPTH (FT)	SAMPLE TYPE & NO.	BLOWS ON SAMPLER PER (6 IN.)	RECOVERY (%)	MATERIAL DESCRIPTION	USCS SYMBOL	MEASURED CONSISTENCY (TSF)	HNu (ppm)	REMARKS
30	30 -32	6/10/13	100	Light brown, dense, medium to coarse grained, subangular, poorly graded SAND, some mica,	sp		NR[b]	strong odor
35	35 -37	8/8/4	100	Light brown SAND as above	sp		NR	OVA - 2ppm - noticeable odor
				Light grey medium to coarse grained subangular, poorly graded SAND	sp		NR	OVA - 2ppm - noticeable odor (sample collected off auger flights)
40	40 -42	6/8/11[c]	100	SAND as above	sp		NR	
45	45 -47	2/2/2[c]	0	SAND (?)				Resample 45 - 47ft., spoon not on bottom
50	50 -52	8/15/50	100	Dark grey (5YR4/1), very stiff, organic CLAY, grading to black, stiff, clayey SILT (peat)	cl			2/18/89
				TOTAL DEPTH = 50ft. Sample to 52ft.				
55								
60								

NOTES:

[a] Elevation from top of riser pipe based on mean sea level datum. Pad elevation is 138.195', approximately 2 inches above ground elevation.

[b] NR = Nor recorded.

[c] Sampled with a 3 inch diameter split spoon and a 140 lb. hammer to obtain sufficient sample volume.

Screen 39.0ft. to 49.0ft.
Sand pack 35.0ft. to 52.0ft.
Bentonite 33.0ft. to 35.0ft.
Grout 0.0ft. to 33.0ft.

INTERNATIONAL TECHNOLOGY CORPORATION

3 10 01290

VISUAL CLASSIFICATION OF SOILS

PROJECT No.: 408619	PROJECT NAME: BLUFF ROAD, COLUMBIA, S.C.	
BORING NUMBER: MW - 5B	COORDINATES:	DATE: 4-6-89
ELEVATION[a]: 141.655'	GWL:DEPTH: 12.0ft. DATE/TIME: 4-6-89	START: 4-6-89
ENG./GEOL.: LOGAN		COMPLETE: 4-7-89
DRILL METHOD: 8in. O.D. 4.25in. I.D. HOLLOW STEM AUGER, TERRAMEC TRACK RIG		PAGE 1 OF 2

DEPTH (FT)	SAMPLE TYPE & NO.	BLOWS ON SAMPLER PER (6 IN.)	RECOVERY (%)	MATERIAL DESCRIPTION	USCS SYMBOL	MEASURED CONSISTENCY (TSF)	HNu (ppm)	REMARKS
0				TOP SOIL; Silty CLAY, high organic content	oh			
5								
5.0 -8.5	SS	10/18/20	100	CLAYEY SILT; mottled light grey and reddish brown, dry, hard, nonplastic, trace of fine grained micas and quartz	mh		0.3	OVA
10								
10.0 -11.5	SS	3/2/3	100	CLAYEY SILT to 10.5, lt. tannish brown, low plasticity, grades into fine-grained sand and silt, white and orange brown, trace of well rounded quartz nodules (1/4" dia.) wet-unsat. well sorted - loose	ml / sw		0.3	OVA ▽ 12 FT.
15								
15.0 -16.5	SS	5/7/6	44	SAND; poorly sorted, fine to coarse grained, subangular to subrounded, white to light grey, trace of mica, wet - saturated	sp		0.6	OVA
20								
20.0 -21.5	SS	12/12/8	56	SAND; fine to coarse grained, angular to subrounded, trace of quartz gravel, trace of silt, white to cream, wet-saturated, medium dense to dense	sp / sw		0.6	OVA
25								
25 26.5	SS	NA	100	SAND; poorly sorted, fine to coarse grained, 10% quartz gravel, predominately subrounded, white to light grey	sp		0.4	OVA Sample collected through plug from inside of augers
30								

NOTES:

[a] Elevation from top of riser pipe, based on mean sea level datum. Pad elevation is 139.773', approximately 2 inches above ground level.

Sand plug from 46.7ft. to 45.3ft.
Screen 45.3ft. to 35.3ft.
Sand pack 45.3ft. to 33.8ft.
Bentonite 33.8ft. to 32.3ft.
Grout 32.3ft. to 0.0ft. (Cement/bentonite)

INTERNATIONAL TECHNOLOGY CORPORATION

3 10 01291

VISUAL CLASSIFICATION OF SOILS

PROJECT No.: 408619	PROJECT NAME: BLUFF ROAD, COLUMBIA, S.C.	
BORING NUMBER: MW - 5B	COORDINATES:	DATE: 4-6-89
ELEVATION[a]: 141.655'	GWL:DEPTH: 12.0ft. DATE/TIME: 4-6-89	START: 4-6-89
ENG./GEOL.: LOGAN		COMPLETE: 4-7-89
DRILL METHOD: 8" O.D., 4.25" I.D. HOLLOW STEM AUGER, TERRAMEC TRACK RIG		PAGE 2 OF 2

DEPTH (FT)	SAMPLE TYPE & NO.	BLOWS ON SAMPLER PER 6 IN.	RECOVERY (%)	MATERIAL DESCRIPTION	USCS SYMBOL	MEASURED CONSISTENCY (TSF)	HNu (ppm)	REMARKS
30 -31.5	SS	3/8/8	33	CLAYEY SAND; poorly sorted, fine to coarse grained, moderate plasticity, trace of quartz gravel, loose to medium dense, runny	sc		0.4	OVA
35 -36.5	SS	4/2/3	100	CLAYEY SAND; mottled reddish brown to white sand is medium to coarse grained, trace of well rounded quartz gravel (~5%), moderate plasticity, loose, from 35.5ft. to 36.1ft. is pure white, medium grained sand, grades back same clayey sand	sc		0.3	OVA
40 -41.5	SS	4/3/5	100	SOUPY SAND; fine grained grades to poorly sorted white and grey sand at 40.3ft., 10% rounded gravel grades to pure white; well sorted, medium grained sand described at 35.5ft. has a hegher clay content	sw / sp / sw			
45 -46.5	SS	3/13/23	100	SAND; well sorted, medium-grained, 10% coarse sand and gravel, loose (45.0ft. 45.5ft.)	sw			45.5
				SILTY CLAY; moderate to high plasticity, medium to light bluish grey, dense, moist to wet, homogeneous (45.5ft. - 46.5ft.)	ch			46.5
46.7 -48.2	SS	3/9/15	50	SILTY CLAY; reddish brown, very high plasticity, wet, loose (46.5ft. - 47.1ft.)	ch			47.1
				SILTY CLAY; light bluish grey, dense homogeneous (47.1ft. - 48.2ft.)	ch			48.2
				TOTAL DEPTH = 46.7ft.				Augers ended at 46.7ft. Sampled with split spoon to 48.2ft.

NOTES:

[a] Elevation from top of riser pipe, based on mean sea level datum. Pad elevation is 139.773', approximately 2 inches above ground level.

INTERNATIONAL TECHNOLOGY CORPORATION

3 10 01292

VISUAL CLASSIFICATION OF SOILS

PROJECT No.: 408619	PROJECT NAME: BLUFF ROAD, COLUMBIA, S.C.	
BORING NUMBER: MW - 6B	COORDINATES:	DATE: 4-3-89
ELEVATION[a]: 141.737'	GWL DEPTH: NA DATE/TIME:	START: 4-3-89
ENG./GEOL.: HEMINGWAY		COMPLETE: 4-4-89
DRILL METHOD: 8in. O.D. HOLLOW STEM AUGER w/CLAY BIT, TERRAMEC 1000		PAGE 1 OF 2

DEPTH (FT)	SAMPLE TYPE & NO.	BLOWS ON SAMPLER PER (6 IN.)	RECOVERY (%)	MATERIAL DESCRIPTION	USCS SYMBOL	MEASURED CONSISTENCY (TSF)	HNu (ppm)	REMARKS
0				WET AT GROUND SURFACE, MOIST BELOW APPROX. 1 FT.				
2.5 -4.0	SS	3/4/4	56	SILTY CLAY; light yellow brown (10yr6/4); stiff; clay w/20-40% silt; some fine sand; moderately plastic; dry to moist; plant debris	cl	N/A[b]		4.0ft.
5				SILTY SAND; light grey (10YR7/2); dense; very fine to fine sand w/20-30% silt; trace clay; moist; uniformly graded	sm	N/A		6.5ft.
10				SANDY SILT see boring log EB-6B for detailed description				13.5ft.
15				SILTY SAND and SAND see boring log EB-6B for detailed description				
20								
25								
30								

NOTES:

[a] Elevation from top of riser pipe, based on mean sea level datum. Pad elevation is 139.815', approximately 2 inches above ground level.

[b] N/A = Not applicable

Bentonite backfill 47.5ft. to 51.5ft.
Screen 37.5ft. to 47.5ft.
Sand pack 35.0ft. to 47.5ft.
Bentonite 32.7ft. to 35.0ft.
Grout 0.0ft. to 32.7ft.

INTERNATIONAL TECHNOLOGY CORPORATION

3 10 01293

VISUAL CLASSIFICATION OF SOILS

PROJECT No.: 408619	PROJECT NAME: BLUFF ROAD, COLUMBIA, S.C.	
BORING NUMBER: MW - 6B	COORDINATES:	DATE: 4-3/4-89
ELEVATION[B]: 141.737'	GWL DEPTH: NA DATE/TIME:	START: 4-3-89
ENG./GEOL.: HEMINGWAY		COMPLETE: 4-4-89
DRILL METHOD: 8" O.D. HOLLOW STEM AUGER, CLAY BIT, TERRAMEC 1000		PAGE 2 OF 2

DEPTH (FT)	SAMPLE TYPE & NO.	BLOWS ON SAMPLER PER (6 IN.)	RECOVERY (%)	MATERIAL DESCRIPTION	USCS SYMBOL	MEASURED CONSISTENCY (TSF)	HNu (ppm)	REMARKS
30				SILTY SAND and SAND see boring log EB-6B for detailed description				
35								
								End of day 4-3-89
40								Resume 4-4-89
45								
50				Silty CLAY; light yellow brown (10YR6/4) medium stiff, clay w/30-40% silt, moderately plastic, dry to moist; light grey lamina	cl	--		49.5ft.
50.0	SS	4/5/7	61	SAND; very pale brown (10YR7/4); medium dense; fine to medium sand w/trace very fine sand and silt; wet; poorly graded	sp	N/A		50.4ft.
51.5				TOTAL DEPTH = 51.5ft.				51.5ft.
55								
60								

NOTES:

Augered to 40.0ft. by end of day 4-3-89.
Resumed drilling at 40.0ft. to total depth of hole on 4-4-89.

INTERNATIONAL TECHNOLOGY CORPORATION

3 10 01294

VISUAL CLASSIFICATION OF SOILS

PROJECT No.: 408619	PROJECT NAME: BLUFF ROAD, COLUMBIA, S.C.	
BORING NUMBER: EB - 6B	COORDINATES:	DATE: 3-31-89
ELEVATION: 139.14'	GWL:DEPTH: NA DATE/TIME:	START: 3-31-89
ENG./GEOL.: HEMINGWAY		COMPLETE: 4-01-89
DRILL METHOD: 8in. O.D. HOLLOW STEM AUGER w/CLAY BIT, TERRAMEC 1000		PAGE 1 OF 3

DEPTH (FT)	SAMPLE TYPE & NO.	BLOWS ON SAMPLER PER (6 IN.)	RECOVERY (%)	MATERIAL DESCRIPTION	USCS SYMBOL	MEASURED CONSISTENCY (TSF)	HNu (ppm)	REMARKS
0	grab			SILTY CLAY; lt. yellow brown (10YR6/4); stiff clay w/20-40% silt; some fine sand; moderate plastic; wet at ground surface; dry to moist below approximately 1 foot.; plant debris	cl			3.0ft.
5								
5.0 -6.5	SS	11/7/11	67	SILTY SAND; lt. grey (10YR7/2), dense, very fine to fine sand with 20-30% silt; trace clay; moist; uniformly graded; yellow brown mottling pervasive	sm	N/A[a]	0.0	6.5ft.
				Increased drilling resistance at 6.5ft.				
10								
10 -11.5	SS	10/13/15	100	SANDY SILT; light grey (10YR7/2); very stiff to hard; silt with 30-40% very fine sand, trace clay; dry; slightly plastic; yellow brown mottling	ml	3.5 -4.0	0.2	
				SILTY SAND				13.5ft.
15								
15.0 -16.5	SS	1/2/2	61	SILTY SAND; light grey (10YR7/1); loose; very fine to fine sand with 10-20% silt; uniformly graded; wet; 0.5 to 1.0in. thick layers of darker grey clayey sand	sm	N/A	0.0	
20								
19.6 -21.1	SS	4/5/7	22	SAND; light yellowish brown (10YR6/4); fine to medium sand with trace very fine sand; wet; poorly graded	sp	N/A	0.0	
				Sandy clay layer 6-12in. thick at approx. 22ft				
25								
25-26	SS	2/5	67	SAND; yellowish brown (10YR6/2); very fine to fine sand with trace angular medium sand; wet; poorly graded	sp	N/A	0.2	
30								

NOTES:

[a] N/A = Not applicable

IT INTERNATIONAL TECHNOLOGY CORPORATION

3 10 01295

VISUAL CLASSIFICATION OF SOILS

PROJECT No.: 408619	PROJECT NAME: BLUFF ROAD, COLUMBIA, S.C.	
BORING NUMBER: EB - 6B	COORDINATES:	DATE: 3-31,4-01-89
ELEVATION: 139.14'	GWL:DEPTH: NA DATE/TIME:	START: 3-31-89
ENG./GEOL.: HEMINGWAY		COMPLETE: 4-01-89
DRILL METHOD: 8" O.D. HOLLOW STEM AUGER W/CLAY BIT, TERRAMEC 1000		PAGE 2 OF 3

DEPTH (FT)	SAMPLE TYPE & NO.	BLOWS ON SAMPLER PER (6 IN.)	RECOVERY (%)	MATERIAL DESCRIPTION	USCS SYMBOL	MEASURED CONSISTENCY (TSF)	HNu (ppm)	REMARKS
30								
30 -31.5	SS	1/1/1	22	CLAYEY SAND; light grey (10YR7/1) loose; fine to medium sand with 20-30% clay; poorly graded; wet	sc	N/A[a]	0.0	
35								
35 -36.5	SS	6/3/6	56	SILTY SAND; white (10YR8/2); loose; very fine to coarse sand, mostly fine, with 20-30% silt; trace fine subangular-angular gravel; well graded; wet	sm	N/A	0.0	
40								
40 -41.5	SS	0/1/2	33	SAND; white (10YR8/1); loose; fine to medium sand with trace very fine sand and silt; poorly graded; wet	sp	N/A	0.0	
45								
45 -46.5	SS	1/2/4	78	SAND; very pale brown (10YR7/4); loose; fine to medium sand with trace very fine sand and silt; poorly graded; wet	sp	N/A	0.0	
50								
50 -51.5	SS	2/2/2	100	SAND; very pale brown (10YR7/4); loose; fine to medium sand with trace very fine sand & silt; some coarse angular sand; poorly graded; wet	sp	N/A	0.0	
				Drilling resistance increases at 53.0ft., suggesting top of clay layer at 53.0ft. to 54.0ft.				53.0ft.
55								
55 -56.5	SS	PUSH	0(NR)	No recovery, drills like sand. Drilling resistance decreases below 55.0ft.				
60								

NOTES:

[a] N/A = Not applicable

Stopped augering at 30.0ft., sampling at 31.5ft., end of day 3/31/89. Continued augering and sampling on 4/01/89 to T.D.

INTERNATIONAL TECHNOLOGY CORPORATION

3 10 01296

VISUAL CLASSIFICATION OF SOILS

PROJECT No.: 408619	PROJECT NAME: BLUFF ROAD, COLUMBIA, S.C.	
BORING NUMBER: EB - 6B	COORDINATES:	DATE: 4-01-89
ELEVATION : 139.14'	GWL:DEPTH : NA DATE/TIME:	START: 3-31-89
ENG./GEOL.: HEMINGWAY		COMPLETE: 4-01-89
DRILL METHOD: 8" O.D. HOLLOW STEM AUGER/CLAY BIT/TERRAMAC 1000		PAGE 3 OF 3

DEPTH (FT)	SAMPLE TYPE & NO.	BLOWS ON SAMPLER PER (6 IN.)	RECOVERY (%)	MATERIAL DESCRIPTION	USCS SYMBOL	MEASURED CONSISTENCY (TSF)	HNu (ppm)	REMARKS
60								
60 -61.5	SS	16/22/42	78	SILTY SAND; white to very pale brown (10YR8/2to7/4); dense; very fine to fine sand with 20-40% silt; poorly graded; wet; layers to 2in. thick of clean medium sand; layers 0.5-1in. thick of sandy silts and silty clays	sm	N/A[a]	0.0	
65								
65 -66.5	SS	11/29/33	56	SILTY SAND; white to light grey; dense; v. fine to fine sand, some medium sand & silt; poorly graded; wet; 0.5-0.75in. layers of sandy silt	sm	N/A	0.0	
				TOTAL DEPTH = 66.5ft.				
70								
75								
80								
85								
90								

NOTES:

[a] Elevation from top of riser pipe, based on mean sea level datum. Pad elevation is 139.815', approximately 2 inches above ground elevation.

[b] N/A = Not applicable

3 10 01297

INTERNATIONAL TECHNOLOGY CORPORATION

VISUAL CLASSIFICATION OF SOILS

PROJECT No.: 408619	PROJECT NAME: BLUFF ROAD, COLUMBIA, S.C.	
BORING NUMBER: MW - 7A	COORDINATES:	DATE: 3-13-89
ELEVATION[a]: 141.160'	GWL:DEPTH: NA DATE/TIME:	START: 3-13-89
ENG./GEOL.: SHIREMAN		COMPLETE: 3-13-89
DRILL METHOD: HOLLOW STEM AUGER		PAGE 1 OF 1

DEPTH (FT)	SAMPLE TYPE & NO.	BLOWS ON SAMPLER PER (6 IN.)	RECOVERY (%)	MATERIAL DESCRIPTION	USCS SYMBOL	MEASURED CONSISTENCY (TSF)	HNu (ppm)	REMARKS
0				Reddish brown to light grey sandy silty CLAY; slightly moist, very plastic, soft see MW-7B for split spoon sample description				
5								
10								
				Interlayed medium grained silty sands grading downward to medium to coarse white sands				
15								
20								
				TOTAL DEPTH = 20.7ft.				
25								
30								

NOTES:

[a] Elevation from top of riser pipe, based on mean sea level datum. Pad elevation is 138.370', approximately 2 inches above ground elevation.

screen	19.7ft. to 9.7ft.	Light drilling mud used to keep borehole open.
sand	20.7ft. to 6.0ft.	
bentonite	6.0ft. to 3.5ft.	
grout	3.5ft. to 0.0ft.	

3 10 01298

INTERNATIONAL TECHNOLOGY CORPORATION

VISUAL CLASSIFICATION OF SOILS

PROJECT No.: 408619	PROJECT NAME: BLUFF ROAD, COLUMBIA, S.C.	
BORING NUMBER: MW - 7B	COORDINATES:	DATE: 3-14-89
ELEVATION[a]: 140.084'	GWLDEPTH: 17.0 ft. DATE/TIME: 3-14-89	START: 3-14-89
ENG./GEOL.: SHIREMAN		COMPLETE: 3-15-89
DRILL METHOD: HOLLOW STEM AUGER		PAGE 1 OF 2

DEPTH (FT)	SAMPLE TYPE & NO.	BLOWS ON SAMPLER PER (6 IN.)	RECOVERY (%)	MATERIAL DESCRIPTION	USCS SYMBOL	MEASURED CONSISTENCY (TSF)	HNu (ppm)	REMARKS
0								
	2.5-4.5	3/2/5/6	50	Lt. grey (5YR7/1) mottled with reddish staining (5YR5/8), sandy silty CLAY; very plastic, slightly moist, very soft	cl		0.0	OVA
5								
10	10-11.5	4/4/6	90	Upper 1ft. very soft, very plastic, silty, sandy CLAY. Lt. grey (5YR7/1) mottled with red brown (2.5YR4/8) sharp contact with very fine grained lt. grey (5YR8/1) silty SAND containing abundant mica and feldspar	cl sm			
15	15-16.5	3/2/4	100	Upper 8" lt. grey to lt. red brown (7.5YR7/0 to 5YR5/6) silty SAND, very loose. Lower 8" dark grey fine grained, very loose (5YR4/1) moist to wet, poorly graded SAND	sm sp			▽ water level at time of boring
20	20-21.5	6/5/7	100	Saturated very loose well graded silty fine grained SAND, white (5YR8/1) grading downwards to coarse SAND				
25	25-26.5	6/6/6	100	Very loose BUFF (7.5YR7/4) well graded, very coarse SAND	sw			
30								

NOTES:

[a] Elevation from top of riser pipe based on mean sea level datum. Pad elevation is 138.467', approximately 2 inches above ground elevation.

Screen	17.0 ft. to 37.0ft.
Sand pack	48.0ft. to 34.8ft.
Bentonite	34.8ft. to 24.0ft.
Grout	24.0ft. to 0.0ft.

Light drilling mud used to keep borehole open.

INTERNATIONAL TECHNOLOGY CORPORATION

3 10 01299

VISUAL CLASSIFICATION OF SOILS

PROJECT No.: 408619	PROJECT NAME: BLUFF ROAD, COLUMBIA, S.C.	
BORING NUMBER: MW - 7C	COORDINATES:	DATE: 4-20/21/23-89
ELEVATION[a]: 140.166'	GWL DEPTH: NA DATE/TIME:	START: 4-20-89
ENG./GEOL.: HEMINGWAY		COMPLETE: 4-26-89
DRILL METHOD: 12",5-7/8",4-3/4" TRICONE ROLLER BITS, DIRECT MUD ROTARY		PAGE 1 OF 3

DEPTH (FT)	SAMPLE TYPE & NO.	BLOWS ON SAMPLER PER (6 IN.)	RECOVERY (%)	MATERIAL DESCRIPTION	USCS SYMBOL	MEASURED CONSISTENCY (TSF)	HNu (ppm)	REMARKS
45								
45-46.5				See log for MW-7B for stratigraphy over interval 0.0ft. to 45.0ft.				
50				SAND				48.1ft.
				CLAYEY SILT; dark grey, very stiff, slightly plastic	ml			12" borehole to 51.5ft., set 8" surface casing to 50.8ft.
55								54.5ft.
55-56.5	SS 2"OD	11/37/48	100	SILTY SAND, grey (10YR6/1); dense; very fine sand with 25-35% silt; uniformly graded; moist to wet; very thin (≤1/8") lamina of dark grey clayey silt, also layer of same at 55.5ft. to 55.6ft.	sm	N/A[b]	0.0	
60								
60-61.5	SS 2"OD	11/23/48	83	SILTY SAND; white (10YR8/1); dense; very fine sand with 10-20% silt; uniformly graded; wet	sm	N/A		
65				SLIGHTLY SILTY SAND; white (10YR8/1); dense; very fine sand with 5-10% silt; uniformly graded; wet; brown layer of sandy clay with black organic laminae at 65.5ft. to 65.6ft. sand fraction subangular to angular, 95%+ quartz	sp-sm	N/A		
65-66.5	SS 2"OD	14/25/41	78	DRILLING RATE SLOWS AT 69FT.				69.0ft.
70				SILTY SANDY CLAY; grey (2.5YRN5/0), spots of light grey, hard, moderate plasticity, 30% sand fine and very fine grained; trace of medium grained, moist to slightly moist	cl	<4.5	0.4	
70-71.5	SS	25/47/>100	100					72.5ft.
				SANDS ↓				
75								

NOTES:

[a] Elevation from top of riser pipe, based on mean sea level datum. Pad elevation is 139.815', approximately 2 inches above ground elevation.

[b] N/A - Not applicable

Drilled to 48.3ft. on 4-20-89. Drilled 48.3ft. to 51.5ft. and set surface casing on 4-21-89. Resumed drilling at 51.5ft. on 4-23-89.

3 10 01300

INTERNATIONAL TECHNOLOGY CORPORATION

VISUAL CLASSIFICATION OF SOILS

PROJECT No.: 408619	PROJECT NAME: BLUFF ROAD, COLUMBIA, S.C.	
BORING NUMBER: MW - 7C	COORDINATES:	DATE: 4-24-89
ELEVATION[a]: 140.166'	GWL:DEPTH: NA DATE/TIME:	START: 4-20-89
ENG./GEOL.: HEMINGWAY		COMPLETE: 4-26-89
DRILL METHOD: 12",5-7/8",4-3/4"TRICONE ROLLER BITS, DIRECT MUD ROTARY		PAGE 2 OF 3

DEPTH (FT)	SAMPLE TYPE & NO.	BLOWS ON SAMPLER PER (6 IN.)	RECOVERY	MATERIAL DESCRIPTION	USCS SYMBOL	MEASURED CONSISTENCY (TSF)	HNu (ppm)	REMARKS
75								
75-76.5	SS	23/82/>100	89	SILTY SAND; light grey (7.5YR7/0) with thin (.25in.) beds of sandy clay, dark grey (5YR5/1), silty sand is fine to very fine grained, nonplastic, 20-30% silt, moist, hard, (Sandy clay is moderately plastic, moderately stiff, 30% sand)	sm-cl	1.8	0.4	
80								
80-81.5	SS	31/55/69	89	SILTY SAND; lt. grey(2.5YN7/0) with laminated dark grey (2.5YN5/0) beds interspersed, 40% silt, wet-unsaturated low to no plasticity. Very dense sand is very fine to fine with trace of rounded medium grains	sm	2.25	0.8	83.5ft.
85								
85-86.5	SS	23/46/85	?	SANDY SILTY CLAY; dark grey (5YR4/1), hard, very moist, low to medium plasticity, sand is fine grained, ~15%, high organic content at 86.1ft to 86.6ft.	cl	4.3	0.2	
90								
90-91.5	SS	23/49/60	100	SILTY CLAY; lt. grey (5YR7/1 , hard, slightly moist, low to medium plasticity, homogeneous	cl	4.5	0.4	Slow drilling at 92.0ft.
95								
95-96.5	SS	23/48/0	100	SILTY SAND; grey (10YR5/1); hard; clay with 30-40% silt; moderately plastic; moist; slickensides with reddish yellow staining on slicks' surfaces	cl	>4.5	0.6	99.5ft.
100								
100-101.5	SS	22/36/90	100	SILTY CLAYEY SAND; grey (7.5YRN6/0) hard, moist to wet, some mottling to lt. brown and dark grey, sand grades from medium and fine grained to fine and very fine grained, low plasticity	sc-sm	>4.5		
105								

NOTES:

[a] Elevation from top of riser pipe, based on mean sea level datum. Pad elevation is 138.560', approximately 2 inches above ground elevation.

Bentonite backfill 69.8ft. to 121.5ft.
Screen 57.9ft. to 68.0ft.
Sand pack 51.0ft. to 69.0ft.
Bentonite 46.2ft. to 51.0ft.
Grout 0.0ft. to 46.2ft.

INTERNATIONAL TECHNOLOGY CORPORATION

3 10 01301

VISUAL CLASSIFICATION OF SOILS

PROJECT No.: 408619	PROJECT NAME: BLUFF ROAD, COLUMBIA, S.C.	
BORING NUMBER: MW - 7C	COORDINATES:	DATE: 4-25-89
ELEVATION[a]: 140.166'	GWL DEPTH: NA DATE/TIME:	START: 4-20-89
ENG./GEOL.: HEMINGWAY		COMPLETE: 4-26-89
DRILL METHOD: 12",5-7/8",4-3/4"TRICONE ROLLER BITS, DIRECT MUD ROTARY		PAGE 3 OF 3

DEPTH (FT)	SAMPLE TYPE & NO.	BLOWS ON SAMPLER PER (6 IN.)	RECOVERY	MATERIAL DESCRIPTION	USCS SYMBOL	MEASURED CONSISTENCY (TSF)	HNu (ppm)	REMARKS
105								
105-105.7	SS	115/>80	100	SANDS grade from grey to pinkish white (7.5YR8/2) with some light grey and yellowish mottling, sand is fairly clean, nonplastic, very fine and fine grained with trace of med. grained, wet-unsat., very dense	sp	N/A[b]	0.0	107.5ft.
				CLAY				108.0ft.
110				Clay streaks throughout run from 105ft.-110ft.				
110-111.5	SS	69/99/112	83	SILTY CLAY; brown (7.5YR5/2) and black with slickensides; low to mod. plastic, dry, very stiff, 60% clay-40% silt	cl	3.0	0.2	110.4ft.
					sw	N/A		
				SAND; lt. brownish grey (10YR6/2), uniformly medium grained, subrounded, trace of fine grained, dense, wet-saturated				
115								
115-115.8	SS	47/183	100	SAND, light grey (10YR6/1), grades from medium grained and rounded to fine and medium grained and subangular to angular; wet - saturated; dense to very dense	sw / sp	N/A	0.8	
120								
120-121.5	SS	14/47/94	83	SANDY CLAY; grey (5YR6/1), 30% fine and very fine micaceous sand, moderate plasticity, moist, stiff, grades to clayey silt at 121.0ft., lt. grey (5YR7/1), low to nonplastic, trace of fine sand, 40% clay dry, hard	cl	1.5	0.0	121.0ft.
					ml	>4.5		
				TOTAL DEPTH = 121.5FT.				

NOTES:

[a] Elevation from top of riser pipe, based on mean sea level datum. Pad elevation is 138.560', approximately 2 inches above ground elevation.

[b] N/A = Not Applicable.

Drilling completed on 4-25-89. Bottom caved to 118ft.

INTERNATIONAL TECHNOLOGY CORPORATION

3 10 01302

VISUAL CLASSIFICATION OF SOILS

PROJECT No.: 408619	PROJECT NAME: BLUFF ROAD, COLUMBIA, S.C.	
BORING NUMBER: MW - 8B	COORDINATES:	DATE: 4-14-89
ELEVATION:	GWL:DEPTH DATE/TIME:	START: 4-14-89
ENG./GEOL.: SHIREMAN/WRIGHTSON		COMPLETE: 4-05-89
DRILL METHOD: 8" HOLLOW STEM AUGER; TERRAMEC 1000; SPLIT SPOON		PAGE 1 OF 2

DEPTH (FT)	SAMPLE TYPE & NO.	BLOWS ON SAMPLER PER (6 IN.)	RECOVERY (%)	MATERIAL DESCRIPTION	USCS SYMBOL	MEASURED CONSISTENCY (TSF)	HNu (ppm)	REMARKS
0	GRAB			SILTY CLAY, strong brown (7.5YR5/8), organic layer first 0.5ft. First 2.0ft. are wet, rest of run is moist, moderate to high plasticity, grey mottling to 3.0ft.	oh ch			
5 / 6.5	SS	4/8/12	13/18	CLAYEY SANDY SILT; dry to slightly moist, 30% sand, very fine to fine grained, mottled strong and pale brown, nonplastic, medium dense, stiff	ml	2.0		
				SANDY, SILTY, CLAY; high plasticity, strong brown	ch			8.0ft. 9.5ft.
10 / 11.5	SS	3/2/3	18/18	SANDY SILT, strong brown, loose, stiff, low plasticity, wet - saturated	ml	.75-1.0		10.8 ft.
				CLAYEY, SANDY SILT, mottled strong brown and light grey, moist to very moist, low plasticity, medium, dense	sm ml			16.2
15 / 16.5	SS	5/4/5	18/18	Clean SAND, well sorted-medium grained, light grey, wet, nonplastic	sw			
20 / 21.5	SS	4/6/5	10/18	SAND, white (2.5YR7/2), medium dense, fairly clean, very fine to medium grained, 10% angular, coarse grained sand, wet-saturated				
25 / 26.5	SS	4/5/6	8/18	SAND, white to reddish yellow (7.5YR 6/8) grades from fine to medium grained to medium and coarse grained, 15-20% fine grades, trace of fine, medium, dense	sp			Difficult drilling at 26ft. augers locked up.
30								

NOTES:

WELL SPECS:

Screen 41ft.6IN. to 51ft.6IN.
Sand pack 53ft.8in. to 39ft.5in.
Bentonite 39ft.5in. to 37ft.
Grout 37ft. to 0.0ft.

3 10 01303

INTERNATIONAL TECHNOLOGY CORPORATION

VISUAL CLASSIFICATION OF SOILS

PROJECT No.: 408619	PROJECT NAME: BLUFF ROAD, COLUMBIA, S.C.	
BORING NUMBER: MW - 8B	COORDINATES:	DATE: 4-14-89
ELEVATION:	GWL:DEPTH DATE/TIME:	START: 4-14-89
ENG./GEOL.: SHIREMAN/WRIGHTSON		COMPLETE: 4-05-89
DRILL METHOD: 8" HOLLOW STEM AUGER; TERRAMEC 1000; SPLIT SPOON		PAGE 2 OF 2

DEPTH (FT)	SAMPLE TYPE & NO.	BLOWS ON SAMPLER PER (6 IN.)	RECOVERY (%)	MATERIAL DESCRIPTION	USCS SYMBOL	MEASURED CONSISTENCY (TSF)	HNu (ppm)	REMARKS
30-31.5	SS	2/2/4	18/18	SILTY SAND; poorly sorted - very fine to coarse grained, light grey (10YR7/1), loose subrounded to angular	sm			
35-36.5	SS	2/1/2	18/18	SILTY SAND; well sorted - medium grained, trace of coarse grained, very loose	sm			
40-41.5	SS	3/3/1	18/18	CLEAN SANDS; (trace of fines), light grey very loose to loose, well sorted - medium grained, subrounded to rounded	sw			
45-46.5	SS	3/5/4	12/18	CLEAN SAND, well sorted - medium grained, trace to 10% fine gravels, loose	sw			48ft.2in.
50-51.5	SS	9/20/5	15/18	GRAVELLY SANDY CLAY; grades to dirty gravels, strong brown, gravel is to 1" diameter rounded	cl/gc			51ft.
				CLAY; pink to light grey, stiff to very stiff high plastic, moist	ch	2.0		51ft.6in.
52-53.5	SS	7/15/22	18/18	CLAY; light grey (7.5YRN7/0), hard, high to very high plasticity, dry to slightly moist, homogeneous	ch	4.5		
55				TOTAL DEPTH = 53.8ft.				
60								

NOTES:

WELL SPECS:

Screen 41ft.6IN. to 51ft.6IN.
Sand pack 53ft.8in. to 39ft.5in.
Bentonite 39ft.5in. to 37ft.
Grout 37ft. to 0.0ft.

INTERNATIONAL TECHNOLOGY CORPORATION 3 10 01304

VISUAL CLASSIFICATION OF SOILS

PROJECT No.: 408619	PROJECT NAME: BLUFF ROAD, COLUMBIA, S.C.	
BORING NUMBER: MW - 9B	COORDINATES:	DATE: 3-21-89
ELEVATION[a]: 137.279'	GWL:DEPTH DATE/TIME:	START: 3-21-89
ENG./GEOL.: SHIREMAN		COMPLETE: 3-22-89
DRILL METHOD: HOLLOW STEM AUGER		PAGE 1 OF 2

DEPTH (FT)	SAMPLE TYPE & NO.	BLOWS ON SAMPLER PER (6 IN.)	RECOVERY (%)	MATERIAL DESCRIPTION	USCS SYMBOL	MEASURED CONSISTENCY (TSF)	HNu (ppm)	REMARKS
0								
5	5-7	8/9/12/12	100	Slightly wet, medium graveled, medium dense SAND, grades downward to a coarse poorly graded SAND, bottom 3 inches color changes from mottled lt. brown (7.5YR6/4) to brown yellow (10YR6/6) and becomes loose	sm		0.0	OVA
10	10-11.5	2/4/5	100	White (5YR8/1) loose, medium grained, poorly graded SAND. Saturated, becomes slightly more coarse grained 8 inches	sc		0.0	OVA
15	15-16.5	2/4/8/8	100	Lt. tan (5YR8/2) medium grained loose saturated SAND, grading to coarse grained in lower portion of sample	sc			
20	20-21.5	2/2/8	100	White (5YR8/1) medium grained. loose saturated SAND, grades downward to very coarse gravelly SAND gravelclasts up to 5mm	sc		0.0 0.0	OVA Sample in hole
25	25-26.5	2/3/8	100	Buff (10YR6/6) to white (5YR8/1) loose, medium grained poorly graded SAND, becomes coarse at sharp contact between bottom white sand 8 inches from bottom of sample	sc			
30								

NOTES:

[a] Elevation from top of riser pipe based on mean sea level datum. Pad elevation is 135.211', approximately 2 inches above ground elevation.

Screen 46ft. to 36ft.
Sand pack 47ft. 10in. to 34ft. 3in.
Bentonite 34ft. 3in. to 31ft.
Grout 31ft. to 0.0ft.

3 10 01305

INTERNATIONAL TECHNOLOGY CORPORATION

VISUAL CLASSIFICATION OF SOILS

PROJECT No.: 408619	PROJECT NAME: BLUFF ROAD, COLUMBIA, S.C.	
BORING NUMBER: MW - 9B	COORDINATES:	DATE: 3-22-89
ELEVATION[a]: 137.279'	GWL:DEPTH DATE/TIME:	START: 3-21-89
ENG./GEOL.: SHIREMAN		COMPLETE: 3-22-89
DRILL METHOD: HOLLOW STEM AUGER		PAGE 2 OF 2

DEPTH (FT)	SAMPLE TYPE & NO.	BLOWS ON SAMPLER PER 6 IN.	RECOVERY (%)	MATERIAL DESCRIPTION	USCS SYMBOL	MEASURED CONSISTENCY (TSF)	HNu (ppm)	REMARKS
30	30-31.5	1/2/2	100	White (5YR8/1) loose to very loose coarse to very coarse, saturated SAND, middel 3 inches gravelly SAND	sw / sp			
35	35-36.5	3/2/1	100	Upper 12 inches white (5YR8/1) to bottom medium grained SAND grades downward to very coarse SAND, lower 3 inches very silty, very plastic, wet CLAY lt.reddish grey (10YR6/1) 47-	sp / cl / sw			
40	40-41.5	3/6/11		Saturated very loose well graded white (5YR8/1) medium coarse SAND	sw			
45	45-46.5	7/4/6	100	Very loose, saturated medium SAND, gravelly	gw			
	46-47.5	11/14/24		Very stiff reddish grey (10YR6/1) plastic CLAY				
				TOTAL DEPTH = 47ft. 10in.				
50								

NOTES:

[a] Elevation from top of riser pipe based on mean sea level datum. Pad elevation is 135.21', approximately 2 inches above ground elevation.

Screen 46ft. to 36ft.
Sand pack 47ft. 10in. to 34ft. 3in.
Bentonite 34ft. 3in. to 31ft.
Grout 31ft. to 0.0ft.

3 10 01306

INTERNATIONAL TECHNOLOGY CORPORATION

VISUAL CLASSIFICATION OF SOILS

PROJECT No.: 408619.06.02	PROJECT NAME: BLUFF ROAD, COLUMBIA, S.C.	
BORING NUMBER: MW - 9C	COORDINATES:	DATE: 4-7 TO 14-89
ELEVATION[a]: 137.030'	GWL:DEPTH DATE/TIME:	START: 4-20-89
ENG./GEOL.: HEMINGWAY		COMPLETE: 4-26-89
DRILL METHOD: DIRECT MUD ROTARY 4-3/4" + 6-1/2" TRICONE ROLLER BITS		PAGE 1 OF 3

DEPTH (FT)	SAMPLE TYPE & NO.	BLOWS ON SAMPLER PER (6 IN.)	RECOVERY	MATERIAL DESCRIPTION	USCS SYMBOL	MEASURED CONSISTENCY (TSF)	HNu (ppm)	REMARKS
45				BASE OF SURFACE CASING AT 49' SEE MW-9C SURFACE CASING BOREIDLE LOG (0-49') BY J. SHIREMAN				49'
50				DRILLING RESISTANCE DECREASES BELOW 54'				PUSHES W/ DIFFICULTY CAN'T PUSH PAST 56 _
55-56.2	SS	PUSH	13/24	CLAYEY SILT, DK.GRAY[10YR4/1];HARD;SILT W/30-40% CLAY;SOME V. FINE SAND; MOD.PLASTIC;DRY TO MOIST;BLOCKY;SAND FRACTION MOSTLY QUARTZ W/ SOME MICA	Ml	4.5 +	0 _	RETAINED 2-6" BRASS LINERS FOR PERMEABILITY TESTING
60 60-61	SS [3"ID]	5 1/6 11 9/6	12/12	CLAYEY SILT, V.DARK GRAY[10YR3/1];V. STIFF SILT W/20-40% CLAY;TRACE V. FINE SAND; MOD.PLASTIC;DRY TO MOIST;SLIGHTLY FISSIBLE; SAND FRACTION PREDOMINANTLY PYRITE	Ml	3.0 -3.5	0_4	63'
65 65-67.1	SS [2"O.D.]	1/6 3/6 17/6 30/6	8/24	SAND SAND;LIGHT GRAY[5YR7/1];DENSE;V.FINE TO FINE SAND W/ TRACE SILT;UNIFORMLY GRADED;WET; THIN [1/2-1"THICK] LAYER OF SANDY CLAY AT 65.8,ALSO THIN[2-1/2] LAYERS OF MEDIUM TO COARSE SAND;SAND CONSISTS OF 95%+ QUARTZ, SUBANG TO SUBROUND.	Ml	N/A	1_8	
70 70-71	SS [2"O.D]	35/6 42/6	12/24	SAND; LT. GRAY[5YR7/1];DENSE;FINE SAND W/ TRACE V. FINE SANDS + SILT;UNIFORMLY GRADED;WET;THIN[1/4"]CLAY LAYER AT 70.3; SAND CONSIST OF 95%+ QUARTZ, SUBANGULAR. [2"O.D]	SP	N/A	0 _	REFUSAL BEYOND 12"

NOTES:

[a] Elevation from top of riser pipe, based on mean sea level datum. Pad elevation is 134.823', approximately 2 inches above ground elevation.

INTERNATIONAL TECHNOLOGY CORPORATION 3 10 01307

VISUAL CLASSIFICATION OF SOILS

PROJECT No.: 408619.06.02	PROJECT NAME: BLUFF ROAD, COLUMBIA, S.C.	
BORING NUMBER: MW - 9C	COORDINATES:	DATE: 4-7-89
ELEVATION[a]: 137.030'	GWL;DEPTH DATE/TIME:	START: 4-20-89
ENG./GEOL.: HEMINGWAY		COMPLETE: 4-26-89
DRILL METHOD: DIRECT MUD ROTARY 4-3/4" + 6-1/2" TRICONE ROLLER BITS		PAGE 2 OF 3

DEPTH (FT)	SAMPLE TYPE & NO.	BLOWS ON SAMPLER PER (6 IN.)	RECOVERY	MATERIAL DESCRIPTION	USCS SYMBOL	MEASURED CONSISTENCY (TSF)	HNu (ppm)	REMARKS
75								
77	SS [2"O.D.]	20/6 37/6 47/6 52/6	9/24	SAND; LT GRAY[5YR7/1];DENSE; FINE SAND W/ TRACE V. FINE SAND + SILT;SAND SLIGHTLY COARSE THAN AT 70';UNIFORMLY GRADED;WET; SAND FRACTION 95%+QUARTZ;SUBANGULAR	SP	N/A	0	
80								
80 / 82	SS [2"O.D.]	23/6 52/6 47/6 33/6	8/24	SAND; LT GRAY[5YR7/1];DENSE; FINE SAND W/ TRACE V. FINE SAND + SILT;SAND SLIGHTLY COARSE THAN AT 70';UNIFORMLY GRADED;WET; SAND FRACTION 95%+QUARTZ;SUBANGULAR	SP	N/A	0	
85								
85 / 87	SS [2"O.D.]	18/6 33/6 47/6 50/6	8/24	CLAYEY SILT; V. DARK GRAYISH BROWN[10YR3/2]; HARD;SILT W/ 10-20%CLAY SOME V. FINE QUARTZ SAND;MOD. PLASTIC;DRY;SLIGHTLY FISSILE;SOME FINE BLACK STREAKS. LIBNITE LAYER AT ^87'. LAYER OF V. DENSE FINE TO COARSE SAND AT 87.5-87.9,CEMENTED IN UPPERMOST 1".	ML	>4.5	0	RIG CHATTER
90								
85 / 87	SS [2"O.D.]	18/6 33/6	8/24	CLAYEY SILT; DK. GRAY[10YR4/1];HARD;SILT W/ 20-30% CLAY;MOD. PLASTIC;DRY;V. SLIGHTLY FISSIBLE;TRACE FINE BLACK STREAKS.	ML	4.5	0	REFUSAL BEYOND 1.5'
95								
95 / 96±	SS [2"O.D.]	N/A	8/24	CLAYEY SILT;V. DK. GRAY[10YRN3/1];HARD;SILT W/ 20-30% CLAY;SOME V.FINE QUARTZ SAND;MOD. PLASTIC;DRY;SLIGHTLY FISSILE.	ML	>4.5	0	RETAINED 2-6" BRASS LINERS FOR PERMEABILITY TESTING
								98'
100				DRILLING RATE INCREASE AT 98'; IMPROVING OVER 1',SUGGEST TRANSITIONAL CONTACT.				
100 / 101±	SS [2"O.D.]	33/6 101/6	10/12	SILTY SAND;LT. GRAY[10YR7/1];HARD;V.DENSE V.FINE SAND W/ 20-30% SILT;UNIFORMLY GRADED WET 95%+ QUARTZ W/ TRACE BACK MINERALS	SM	N/A	0±	REFUSAL BEYOND 1.0'. SPIKE.

NOTES:

3 10 01308

INTERNATIONAL TECHNOLOGY CORPORATION

VISUAL CLASSIFICATION OF SOILS

PROJECT No.: 408619.06.02	PROJECT NAME: BLUFF ROAD, COLUMBIA, S.C.	
BORING NUMBER: MW - 9C	COORDINATES:	DATE: 4-16-89
ELEVATION[a]: 137.030'	GWL:DEPTH DATE/TIME:	START: 4-20-89
ENG./GEOL.: HEMINGWAY		COMPLETE: 4-26-89
DRILL METHOD: DIRECT MUD ROTARY 4-3/4" + 6-1/2" TRICONE ROLLER BITS		PAGE 3 OF 3

DEPTH (FT)	SAMPLE TYPE & NO.	BLOWS ON SAMPLER PER (6 IN.)	RECOVERY	MATERIAL DESCRIPTION	USCS SYMBOL	MEASURED CONSISTENCY (TSP)	HNu (ppm)	REMARKS
105	SS [2"O.D.]	43/6 85/6 77/6	16/18	SILT SAND; lt. gray[10YR7/1];v.dense;v. find sand W/ 15-25% silt;uniformly graded;wet;some thin (<1/4"thick)v. dark grey horizontal lamina, composed of v.fine sand+silt-sized black minerals grains;sample excluding lamina is composed of 95%+quartz, w/ trace black minerals.	sm	n/a	0	
				abrupt contact				110.3'
110	SS [2"O.D.]	44/6 150/6	8/9	SANDY SILT; lt. gray [10yr 7/2]; hard; silt w/ 25-25% v. fine to med. sand, some clay; sl. plastic; moist	ml	>4.5	0	refusal beyond 9".
				transitional to sand over interval 113-114'.				114'
115	SS [2"O.D.]	20/6 41/6 43/6	17/18	SILTY SAND; lt. gray[10YR7/1];v.dense;v.find to to fine W/ 15-25% silt trace clay; uniformly graded; wet; layers to 5" thick of silty sand w/ 5-15% clay, slightly plastic	sm	n/a	0	
				layers of clay to 6" thick below 117'.				
120	SS [2"O.D.]	52/6 100/6	12/12	SL. SILTY SAND; lt. gray[10YR7/1];v. dense; v. fine-fine sand, mostly fine W/ 5-10% silt uniformely graded; wet; cayer of v. silty clay at interval 120.3-120.7'; hard; mod. plastic	sm	n/a	0	refusal beyond 1'.

NOTES:

TOTAL DEPTH 121.0 FT

INTERNATIONAL TECHNOLOGY CORPORATION

3 10 01309

VISUAL CLASSIFICATION OF SOILS

PROJECT No.: 408619	PROJECT NAME: BLUFF ROAD, COLUMBIA, S.C.	
BORING NUMBER: MW - 10B	COORDINATES:	DATE: 4-21-89
ELEVATION:	GWL:DEPTH DATE/TIME:	START: 4-21-89
ENG./GEOL.: SHIREMAN/WRIGHTSON		COMPLETE: 4-22-89
DRILL METHOD: 8" HOLLOW STEM AUGER; TERRAMEC 1000; SPLIT SPOON		PAGE 2 OF 2

DEPTH (FT)	SAMPLE TYPE & NO.	BLOWS ON SAMPLER PER (6 IN.)	RECOVERY (%)	MATERIAL DESCRIPTION	USCS SYMBOL	MEASURED CONSISTENCY (TSF)	HNu (ppm)	REMARKS
30								
30-31.5	SS	4/5/7	13/18	SAND; white, coarse grained with trace of gravel, clean, grades to medium and coarse grained sand at 31.0ft. olive yellow (5Y6/8), fairly clean	sw/sp			
				SANDS; well sorted, grades from medium to coarse grained at 35ft.5in., brownish yellow (10YR6/8), clean	sw			
35								
35-36.5	SS	2/1/1	18/18	CLAY; dark grey (7.5YR4/0), very high plasticity very soft, homogeneous, wet-saturated	ch	>0.25		
								37ft.
				SANDS ↓				
40				SAND; yellowish brown (10YR5/6), well sorted-medium grained, trace of gravels	sw			
40-41.5	SS	3/3/19	14/18					41ft.
				SANDY CLAY; soft, moderate plasticity, wet-saturated	cl	0.5		
				↓				
				GRAVEL and SAND				
45								
45-46.5	SS	7/7/13	14/18	SILTY CLAY; grey (5Y6/1), slightly moist, low to moderate plasticity, stiff to very stiff, homogeneous	cl	2.0		
				Soft seam at 46.5ft. 4" thick, grades back into above silty clay				
				TOTAL DEPTH = 47.0ft.				
50								
55								
60								

NOTES:

WELL SPECS:

Screen 45ft.8IN. to 35ft.8IN.
Sand pack 46ft.8in. to at least 33ft.5in., some mixing of formation & sand pack to 30ft.3in. due to sand sticking in bottom of augers while pulling up off of sand pack
Bentonite (30ft.3in.) to 26ft.5in.
Grout 26ft.5in. to 0.0ft.

INTERNATIONAL TECHNOLOGY CORPORATION

3 10 01310

VISUAL CLASSIFICATION OF SOILS

PROJECT No.: 408619	PROJECT NAME: BLUFF ROAD, COLUMBIA, S.C.	
BORING NUMBER: MW - 10B	COORDINATES:	DATE: 4-21-89
ELEVATION:	GWL:DEPTH DATE/TIME:	START: 4-21-89
ENG./GEOL.: SHIREMAN/WRIGHTSON		COMPLETE: 4-22-89
DRILL METHOD: 8" HOLLOW STEM AUGER; TERRAMEC 1000; SPLIT SPOON		PAGE 1 OF 2

DEPTH (FT)	SAMPLE TYPE & NO.	BLOWS ON SAMPLER PER (6 IN.)	RECOVERY (%)	MATERIAL DESCRIPTION	USCS SYMBOL	MEASURED CONSISTENCY (TSF)	HNu (ppm)	REMARKS
0	GRAB			SILTY CLAY, brown to light brown, high plasticity, moist			0.8	
5 / 6.5	SS	22/48/30	15/18	CLAYEY SILT; mottled light grey (10YR7/1) and yellowish brown (10YR5/8), very hard, dry, low plasticity	ml	>4.5	0.2	
10 / 11.5	SS	10/20/21	18/18	SANDY SILTY CLAY; mottled red (10R4/6) and grey (5YR6/1), moist to slightly moist, moderately plasticity, stiff to very stiff, 10-15% fine to very fine sand	cl	1.9	0.4	▽ 11.5FT.
15 / 16.5	SS	7/8/8	17/18	SANDS; well sorted, brownish yellow (10YR6/8) to 16.0ft., white sand at 16.0ft. brown sand is fine to medium grained, clean, medium grained, wet - saturated	sw		0.6	
20 / 21.5	SS	4/8/8	7/18	SAND; poorly graded, white, clean, 60% medium, 40% coarse grained, subangular medium dense	sp		0.4	
25 / 26.5	SS	6/7/6	7/18	GRAVELLY SAND; white well sorted - medium grained, trace of coarse - subrounded, 20% gravel, 1/4" - 1" diameter, rounded quartz	sp			
30								

NOTES:

WELL SPECS:

Screen 45ft.8IN. to 35ft.8IN.
Sand pack 46ft.8in. to at least 33ft.5in.; some mixing of formation & sand pack to 30ft.3in. due to sand sticking in bottom of augers while pulling up off of sand pack

Bentonite (30ft.3in.) to 26ft.5in.
Grout 26ft.5in. to 0.0ft.

3 10 01311

INTERNATIONAL TECHNOLOGY CORPORATION

VISUAL CLASSIFICATION OF SOILS

PROJECT No.: 408619	PROJECT NAME: BLUFF ROAD, COLUMBIA, S.C.	
BORING NUMBER: MW - 11A	COORDINATES:	DATE: 3-10-89
ELEVATION[a]: 140.362'	GWL:DEPTH DATE/TIME:	START: 3-10-89
ENG./GEOL.: SHIREMAN/WRIGHTSON		COMPLETE: 3-10-89
DRILL METHOD: HOLLOW STEM AUGER		PAGE 1 OF 1

DEPTH (FT)	SAMPLE TYPE & NO. / BLOWS ON SAMPLER PER (6 IN) / RECOVERY (%)	MATERIAL DESCRIPTION	USCS SYMBOL	MEASURED CONSISTENCY (TSF)	HNu (ppm)	REMARKS
0	See Boring Log MW-11B	CLAY, mottled, white (10YR7/1), stiff	cl			
5		SILTY SAND, yellow brown	sp sm			
		8" SAND and SILTY CLAY, mottled, yellow brown SAND	cl			
10		Grey (7.5YR8/0) medium grained SAND	sp			
		GRAVEL, yellow brown (5YR7/3), well graded	sw			
15						
20		SAND, 4" medium to coarse grained	sw			
		TOTAL DEPTH = 19.5ft.				
25						
30						

NOTES:

[a] Elevation from top of riser pipe, based on mean sea level datum. Pad elevation is 137.466', approximately 2" above ground elevation.

Screen 18.0ft. to 8.0ft.
Sand pack 19.5ft. to 6.5ft.
Bentonite 5.0ft. to 6.5ft.
Grout 6ft. to 0.0ft.

3 10 01312

INTERNATIONAL TECHNOLOGY CORPORATION

VISUAL CLASSIFICATION OF SOILS

PROJECT No.: 408619.06.02	PROJECT NAME: BLUFF ROAD, COLUMBIA, S.C.	
BORING NUMBER: MW - 11b	COORDINATES:	DATE: 3-8-89
ELEVATION[a]: 139.764'	GWL:DEPTH DATE/TIME:	START: 3-8-89
ENG./GEOL.: Shireman		COMPLETE:
DRILL METHOD: Hollow Stem Auger		PAGE 1 OF 2

DEPTH (FT)	SAMPLE TYPE & NO.	BLOWS ON SAMPLER PER (6 IN.)	RECOVERY %	MATERIAL DESCRIPTION	USCS SYMBOL	MEASURED CONSISTENCY (TSF)	HNu (ppm)	REMARKS
0								
	3.5-4	4/10/19	80	mottled white clay (10yr 7/1) stiff upper part of sample (4") yellow brown silty sand (7.5 yr 7/4)	cl sp			
5								
	6-6.5	3/2/16	100	Lower 12" silty sand lt. grey (10 yr 8/1) upper 6" white (10 yr 7/1) mottled clay, stiff.	sw			dry
10								
	10-11.5	10/10/16	100	8" sand silty clay motted yellow brown (7.5 yr 7/4) lower 10" soft clean sand	cl			wet saturated
15								
	15-16.5	7/8/18	100	Grey (7.5 yr 8/0) med. sand grading downward to med. coarse sand very loose rounded clear quarts + heavy minerals, uncommon feldspar	sp			
20								
	20-21.5	10/12/8	50	Very coarse grey (5 yr 8/1)sand 5" yellowis brown clay (5 yr 8/4) med. stiff silty sandy clay.	sp cl			
25								
	25-26.5	9/7/11	100	Stained yellow brown (5 yr 7/3) well graded gravel clusts up to 3 cm milky quartz very loose lower 4" med. to coarse sand, very loose.	sw			saturated

NOTES:

[a] Elevation from top of riser pipe, based on mean sea level datum. Pad elevation is 137.566', approximately 2 inches above ground elevation.

Light drilling used to keep borehole open.

3 10 01313

INTERNATIONAL TECHNOLOGY CORPORATION

VISUAL CLASSIFICATION OF SOILS

PROJECT No.: 408619.06.02	PROJECT NAME: BLUFF ROAD, COLUMBIA, S.C.	
BORING NUMBER: MW - 11b	COORDINATES:	DATE: 3-8-89
ELEVATION[B]: 139.764'	GWL:DEPTH DATE/TIME:	START: 3-8-89
ENG./GEOL.: Shireman		COMPLETE: 4-26-89
DRILL METHOD: Hollow Stem Auger		PAGE 2 OF 2

DEPTH (FT)	SAMPLE TYPE & NO.	BLOWS ON SAMPLER PER (6 IN)	RECOVERY %	MATERIAL DESCRIPTION	USCS SYMBOL	MEASURED CONSISTENCY (TSF)	HNu (ppm)	REMARKS
30								
	30-31.5	3/1/1	100	Sl. stained lt. buff (7 yr 8/2) very coarse to coarse SAND upper 12", 3" med. sand remainder is very coarse SAND very loose	sp			
35								
	35-36.5	2/1/1	100	Topo 8" very coarse grey (5 yr 8/1) feldspaths SAND very loose bottom 8" black (5 yr 5/2) clay soft	sp cl			
40								
	40-41.5	2/2/2		Med. to v. coarse SAND v. loose lower 7" mottled grey to yellow brown s of t CLAY	sp			
45				No sample retained by spoon				
	48-49.5	11/17/17	100	Upper 11" coarse to very coarse SAND and 4-10 Mm graved sl. stained bottom 7" grey (7.5 yr 5/8) sandy silty CLAY very stiff				
50								

NOTES:

sand pack: 49.11' to 35'
screen: 48'11" to 38'11"
bentenile cement slurry: 33'-35'

3 10 01314

INTERNATIONAL TECHNOLOGY CORPORATION

VISUAL CLASSIFICATION OF SOILS

PROJECT No.: 408619	PROJECT NAME: BLUFF ROAD, COLUMBIA, S.C.	
BORING NUMBER: MW - 12A	COORDINATES:	DATE: 2-21-89
ELEVATION[a]: 140.362'	GWL:DEPTH DATE/TIME:	START: 2-21-89
ENG./GEOL.: SHIREMAN/WRIGHTSON		COMPLETE: 2-22-89
DRILL METHOD: HOLLOW STEM AUGER		PAGE 1 OF 1

DEPTH (FT)	SAMPLE TYPE & NO. / BLOWS ON SAMPLER PER (6 IN.) / RECOVERY (%)	MATERIAL DESCRIPTION	USCS SYMBOL	MEASURED CONSISTENCY (TSF)	HNu (ppm)	REMARKS
0	See Boring Log MW-12B	CLAY; mottled, white (10YR7/1), stiff	cl		0.0	
10		SILTY SAND; very pale brown (10YR5/9), to light grey (10YR6/1), mottled, fine grained	sm		0.0	
			sp		0.0	
15		SILTY SAND; brownish yellow (10YR6/6), fine to medium grained, subangular, moist	sm		0.0	
20		SAND; pale yellow (10YR7/4), very loose, fine to medium grained, well graded, some silt, saturated	sw		0.0	
		TOTAL DEPTH = 20.0ft.				
25						
30						

NOTES:

[a] Elevation from top of riser pipe, based on mean sea level datum. Pad elevation is 137.098', approximately 2' above ground elevation.

Screen 19.5ft. to 9.5ft.
Sand pack 19.5ft. to 7.0ft.
Bentonite 5.0ft. to 7.0ft.
Grout 5.0ft. to 0.0ft.

3 10 01315

INTERNATIONAL TECHNOLOGY CORPORATION

VISUAL CLASSIFICATION OF SOILS

PROJECT No.: 408619.06.02	PROJECT NAME: BLUFF ROAD, COLUMBIA, S.C.	
BORING NUMBER: MW - 12b	COORDINATES:	DATE: 2-23-89
ELEVATION[a]: 139.674'	GWL:DEPTH DATE/TIME:	START: 2-23-89
ENG./GEOL.: wrightson		COMPLETE: 2-25-89
DRILL METHOD: Hollow Slem Auger		PAGE 1 OF 2

DEPTH (FT)	SAMPLE TYPE & NO.	BLOWS ON SAMPLER PER (6 IN.)	RECOVERY %	MATERIAL DESCRIPTION	USCS SYMBOL	MEASURED CONSISTENCY (TSF)	HNu (ppm)	REMARKS
0				Brownish-yellow (10 yr 6/8) to light gray (10 yr 6/1) shift mottled CLAY.	ch		0	
5	5-6.5	3/9/17	100	Strong brown (2.5 tr 5/8) to light gray (10 yr 7/1) mottled medium stiff, very silty clayey fine grained SAND.	sm		0	
10	10-11.5	3/5/9	100	Light gray (10 yr 7/2) medium dense coarse grained SAND. poorly graded saturated.	sp		0	▽ water level at time of boring
15	15-16.5	3/3/4	100	Light gray (10 yr 7/2) medium dense coarse grained SAND. poorly graded saturated.	sp		0	
20	20-21.5	7/9/23	100	Light gray (10 yr 7/1) dense, well graded medium to cse grained clayey SAND.	sc		0	
25	25-26.5	5/7/9	100	Light gray (10 yr 7/1) dense well graded silty SAND.	sw		0	

NOTES:

[a] Elevation from top of riser pipe, based on mean sea level datum. Pad elevation is 136.971', approximately 2 inches above ground elevation.

3 10 01316

INTERNATIONAL TECHNOLOGY CORPORATION

VISUAL CLASSIFICATION OF SOILS

PROJECT No.: 408619.06.02	PROJECT NAME: BLUFF ROAD, COLUMBIA, S.C.	
BORING NUMBER: MW - 12b	COORDINATES:	DATE: 12-24-89
ELEVATION[B]: 139.764'	GWL:DEPTH DATE/TIME:	START: 12-23-89
ENG./GEOL.: Wrightson		COMPLETE: 2-25-89
DRILL METHOD: Hollow Stem Auger		PAGE 2 OF 2

DEPTH (FT)	SAMPLE TYPE & NO.	BLOWS ON SAMPLER PER (6 IN.)	RECOVERY %	MATERIAL DESCRIPTION	USCS SYMBOL	MEASURED CONSISTENCY (TSF)	HNu (ppm)	REMARKS
30				Pale yellow (2.5 yr 7/4)dense, coarse grained subangular silica SAND, poorly graded some carbonaceous frags.	sp		0	
35	35-36.5	8/8/14	100	Olive yellow (2.5 yr 6/6) dense coarse to very coarse grained silica, slightly arcosic. Poorly graded SAND, some silt staining on coarse grains.	sp		0	
40	40-41.5	3/9/11		Olive yellow (2.5 yr 6/6) dense coarse to very coarse grained silica, slightly arcosic. Poorly graded SAND, with coarse, well rounded gravel + pebbles.	sp		0	
45	40-41.5	3/9/11	100	Light grey (10 yr 7/1) very dense v. coarse to coarse grained SAND v. gray silty poorly graded	sp		0	running sand flush well, with potable water. 48.5' hard drilling.
50	48-48.5	11/17/17	100	Dark gray (2.5 yr n4) v. stiff, sandy CLAY micaceous.	ch			

NOTES:

sand: 35' to 50'.
screen: 38' to 48'.
bentenile cement slurry 25'-35'.
grout: 0 to 25'.

3 10 01317

INTERNATIONAL TECHNOLOGY CORPORATION

VISUAL CLASSIFICATION OF SOILS

PROJECT No.: 408619	PROJECT NAME: BLUFF ROAD, COLUMBIA, S.C.	
BORING NUMBER: MW - 12C	COORDINATES:	DATE: 5-4/5-89
ELEVATION[a]: 139.539'	GWL:DEPTH DATE/TIME:	START: 5-2-89
ENG./GEOL.: SHIREMAN/WRIGHTSON		COMPLETE: 5-6-89
DRILL METHOD: 12",4-3/4",5-7/8"TRICONE ROLLER BITS, DIRECT MUD ROTARY		PAGE 1 OF 2

DEPTH (FT)	SAMPLE TYPE & NO.	BLOWS ON SAMPLER PER (6 IN.)	RECOVERY (%)	MATERIAL DESCRIPTION	USCS SYMBOL	MEASURED CONSISTENCY (TSF)	HNu (ppm)	REMARKS
45				See MW-3B Boring Log for stratigraphy of 0.0ft. to 50.0ft. (GRAB)				
50								50.5FT.
				CLAY/SANDY CLAY				
53.5-55	SS 55	3/6 6/6 22/6	16/18	SANDY CLAY; grey (2.5YRN6/) to black, low plasticity, slickensides in black clay, 35-40% fine and very fine grained sands, moist to very moist, stiff to very stiff, grades to SILTY SANDY CLAY	cl	2.7		
				HARD CLAY at 56.0ft.				
59-60 60.5	SS	22/6 41/6 45/6	7/18	Clayey SILT; grey (10YR5/1), very hard, dry low plasticity, 30% CLAY. homogeneous	ml	>4.5	0.0	
65								
65-66.5	SS	16/6 33/6 44/6	17/18	SILTY CLAY; very dark grey (5YR3/10) dry, hard, low to moderate plasticity, trace of very fine SAND, 40% silt, homogeneous	cl	4.4	0.4	
70				SILTY CLAY to 70.2ft. as above, moderate plasticity, hard, slightly moist to moist	cl	3.5		70.2ft.
70-71.5	SS	20/6 35/6 32/6	13/18	SAND, well sorted - fine grained, with trace of very fine and medium grained sand, trace of silt, light grey (7.5YRN7/) wet-saturated, dense	sw		0.8-1.2	
75								

NOTES:

[a] Elevation from top of riser pipe, based on mean sea level datum. Pad elevation is 137.218', approximately 2' above ground elevation.

8" PVC surface casing - 52.8 - 0.0ft. filter pack, 20-40 mesh 79ft.5in. to 66ft.5in.
2" ss screen 79ft.3in. to 69ft.3in. bentonite hole plug 66ft.5in. to 51ft.7in.
2" ss casing 69ft.in. to 0.0ft.
ss centralizers 79ft.2in., 69ft.5in., 50ft., 30ft.

3 10 01318

INTERNATIONAL TECHNOLOGY CORPORATION

VISUAL CLASSIFICATION OF SOILS

PROJECT No.: 408619	PROJECT NAME: BLUFF ROAD, COLUMBIA, S.C.	
BORING NUMBER: MW - 12C	COORDINATES:	DATE: 5-4/5-89
ELEVATION[a]: 139.539'	GWL:DEPTH DATE/TIME:	START: 5-2-89
ENG./GEOL.: SHIREMAN/WRIGHTSON		COMPLETE: 5-6-89
DRILL METHOD: 12",4-3/4",5-7/8"TRICONE ROLLER BITS, DIRECT MUD ROTARY		PAGE 2 OF 2

DEPTH (FT)	SAMPLE TYPE & NO.	BLOWS ON SAMPLER PER (6 IN.)	RECOVERY (%)	MATERIAL DESCRIPTION	USCS SYMBOL	MEASURED CONSISTENCY (TSF)	HNu (ppm)	REMARKS
75	SS	19/6 37/6 45/6	11 / 18	SAND; well sorted-fine grained, trace of very fine sand, trace of silt, light grey (7.5YRN7/) wet-saturated, dense, fairly clean	sw		15	
78.5								
80	SS	42/6 63/6 >100/6	12 / 18	SAND; well sorted-fine grained, trace of silt, light grey (7.5YRN7/), wet-saturated, dense	sw			80.3FT.
81.5				GRAVEL; poorly sorted, very well graded from coarse sand to coarse gravel with depth, very clean, gravel is 1/4" to 2" in diameter, angular and subangular, very dense	gp			
				TOTAL DEPTH = 81.5ft.				
85								
90								
95								

NOTES:

[a] Elevation from top of riser pipe, based on mean sea level datum. Pad elevation is 137.218', approximately 2" above ground elevation.

8" PVC surface casing - 52.8 - 0.0ft.
2" ss screen 79ft.3in to 69ft.3in.
2" ss casing 69ft.3in. - 0.0ft.
ss centralizers 79ft.2in., 69ft.5in., 50ft., 30ft.
filter pack, 20-40 mesh 79ft.5in. to 66ft.5in.
bentonite hole plug 66ft.5in. to 51ft.7in.

3 10 01319

INTERNATIONAL TECHNOLOGY CORPORATION

VISUAL CLASSIFICATION OF SOILS

PROJECT No.: 408619	PROJECT NAME: BLUFF ROAD, COLUMBIA, S.C.	
BORING NUMBER: MW - 13B	COORDINATES:	DATE: 4-18-89
ELEVATION:	GWL:DEPTH DATE/TIME:	START: 4-18-89
ENG./GEOL.: SHIREMAN/WRIGHTSON		COMPLETE: 4-19-89
DRILL METHOD: 8"HOLLOW STEM AUGER, TERRAMEC 1000, SPLIT SPOON		PAGE 1 OF 2

DEPTH (FT)	SAMPLE TYPE & NO.	BLOWS ON SAMPLER PER (6 IN.)	RECOVERY (%)	MATERIAL DESCRIPTION	USCS SYMBOL	MEASURED CONSISTENCY (TSF)	HNu (ppm)	REMARKS
0	GRAB			CLAYEY SILT; light brown and brown, medium dense, very moist, moderate plasticity				Auger walked off course at 3ft., due to tree root or stump... get it back on course
5 / 5-6.5	SS	6/12/22	18/18	CLAY; yellowish red (5YR5/8), and light grey (7.5YRN7/0), stiff, moist, high plasticity	ch		1.75	
10 / 10-11.5	SS	4/5/9	16/18	SANDY CLAY; yellowish red and lighjt grey to white, thin sands throughout, soft to very soft, moist, moderate plasticity, fine grained sand	cl		0.25	
								▽ 14.0ft.
15 / 15-16.5	SS	3/9/16	13/18	SANDY CLAY; red (2.5YR5/8), moderate, to high plasticity, wet-saturated, stiff, strong musty odor	cl	1.35		
				SILTY, CLAYEY SAND; grades to clean sand at 16.5ft. mottled red and light grey, wet-saturated, low plasticity, medium dense	sc			
20 / 20-21.5	SS	12/13/11	18/18	SAND; white (110YR8/1), clean, well sorted-medium grained, trace of coarse grained, dense, wet-saturated, nonplastic	sw			
25 / 25-26.5	SS	12/13/10	18/18	SAND; light yellowish brown (2.5Y6/4), fairly clean, 15-20% silt, predominately medium grained, 10% coarse, dense, subangular, ~~grained, 10% coarse~~, dense, subangular,	sw		6	OVA
30								

NOTES:

WELL SPECS:

Screen 52.0ft. to 42.0ft.
Sand pack 42.0ft. to 0.0ft.
Bentonite 40ft.1in. to 38ft.3in.
Grout 38ft.3in. to 0.0ft.

3 10 01320

INTERNATIONAL TECHNOLOGY CORPORATION

VISUAL CLASSIFICATION OF SOILS

PROJECT No.: 408619	PROJECT NAME: BLUFF ROAD, COLUMBIA, S.C.	
BORING NUMBER: MW - 13B	COORDINATES:	DATE: 4-18-89
ELEVATION:	GWL:DEPTH DATE/TIME:	START: 4-18-89
ENG./GEOL.: SHIREMAN/WRIGHTSON		COMPLETE: 4-19-89
DRILL METHOD: 8"HOLLOW STEM AUGER, TERRAMEC 1000, SPLIT SPOON		PAGE 2 OF 2

DEPTH (FT)	SAMPLE TYPE & NO.	BLOWS ON SAMPLER PER (6 IN.)	RECOVERY (%)	MATERIAL DESCRIPTION	USCS SYMBOL	MEASURED CONSISTENCY (TSF)	HNu (ppm)	REMARKS
30-31.5	SS	5/8/6	18/18	CLAYEY SAND; light olive brown (2.5Y5/4), moderate plasticity, medium dense to loose, sand is uniformly grained	sc			31.2
				SAND; poorly sorted, white, fine to coarse grained, medium dense, angular to subangular strong musty odor	sp			
35-36.5	SS	10/12/11	11/18	SAND; dirty, brown, coarse to fine grained, grades to poorly sorted white sand, subrounded to rounded, grades to white sand, subrounded sand at 36ft.7in., containes yellowish brown, coarse rounded grains, strong musty odor	sp			
				SAND; poorly sorted, fine to coarse grained, coarse sand is yellowish brown	sp			
40-41.5	SS	5/1/3	18/18	CLAY; light grey (10YR7/1), trace of coarse sand, very high plasticity, wet-saturated, very soft	ch	0.25		
				(CLAYEY, GRAVELLY SAND)				
45-46.5	SS	5/8/10	4/18	CLAYEY SAND; strong brown, sand is medium to coarse grained,loose, 10% gravel,low to medium plasticity shard of ligthfield wood in shoe.	sc			
				Gravels at 48 ft.	sc			
50-51.5	SS	5/13/15	11/18	Gravelly sands, white, gravel is rounded quartz from 1/2" to 2" diameter. 30% gravel. sand is medium to coarse grained, subrounded to rounded.	sw			
53-54.5	SS	7/14/30	13/18	Silty clay, dark gray (7,5 yr, n 4/0),alternates with laminated beds (1/8" thick) of lite grey. sl. moist to dry. low to medium plasticity very stiff.	cl		3.0	
				Total depth = 54.5 ft.				

NOTES:

3 10 01321

INTERNATIONAL TECHNOLOGY CORPORATION

VISUAL CLASSIFICATION OF SOILS

PROJECT No.: 408619	PROJECT NAME: BLUFF ROAD, COLUMBIA, S.C.	
BORING NUMBER: MW - 7B	COORDINATES:	DATE: 3-14-89
ELEVATION[a]: 140.084'	GWLDEPTH: 17.0 ft. DATE/TIME: 3-14-89	START: 3-14-89
ENG./GEOL.: SHIREMAN		COMPLETE: 3-15-89
DRILL METHOD: HOLLOW STEM AUGER		PAGE 2 OF 2

DEPTH (FT)	SAMPLE TYPE & NO.	BLOWS ON SAMPLER PER (6 IN)	RECOVERY (%)	MATERIAL DESCRIPTION	USCS SYMBOL	MEASURED CONSISTENCY (TSF)	HNu (ppm)	REMARKS
30	30-31.5	8/4/6	100	Very loose saturated interlayered GRAVEL and very coarse SAND, lower 4 inches light grey (5YR2/1), poorly graded, very loose SAND	gp / sp			
35	35-36.5	2/2/2	100	Very loose saturated buff (5YR8/2) to white (5YR8/1) coarse SAND with interlayers of silty clayey medium SAND	sp / sm			
40	40-42	7/5/3	100	Very loose saturated white (5YR8/1) gravelly very coarse SAND. Pebbles up to 1.5 in. are about 1% of SAND	sw			
45	45-46.5	7/4/6	100	Very loose, gravelly, very coarse to coarse white to grey (5YR8/1 to 5YR7/1) SAND	gw			
50	50-51.25	7/13/20	90	5in pebble gravel 3in medium silty SAND dark grey (5YR4/1) 6in very stiff medium grey (10YR6/2) silty CLAY with 2 to 5% sand	cl		0.0	OVA
				TOTAL DEPTH = 50.25 ft. Sampled to 51.25 ft.				

NOTES:

[a] Elevation from top of riser pipe based on mean sea level datum. Pad elevation is 138.467', approximately 2 inches above ground elevation.

3 10 01322

APPENDIX C

CLAY MINERALOGY DATA

3 10 01323

APPENDIX C

CLAY MINERALOGY DATA

Samples for clay-size mineral analysis were prepared by disaggregating the soils in a 1-percent sodium hexametaphosphate solution and separating material of less than 2 micrometers in size for further treatment described in detail by Segall et al. (1987). These included: Mg^{2+} cation saturation, iron oxide removal, and vacuum filtration onto porous membranes for slide mounts. The oriented samples were than scanned on a Scintag X-ray diffractometer (XRD) using CuK α radiation from 2 to 32° 2θ in the untreated and ethylene glycol solvated states. Relative abundances for the five clay-size minerals present (smectitie, mixed layer illite/smectite, illite, kaolinite, and quartz) were determined semi-quantitatively by the peak height X peak width-at-half-height method using the mineral weighting factors of Biscaye (1965) and Segall et al. (1987). Illite crystallinity indices (I_x) were computed using the Kubler (1968) method (width in degrees (2θ of the 001 illite peak at half-height above background). These results are listed in Table C-1. XRD patterns are depicted in Figures C-1 through C-12.

REFERENCES

Biscaye, P. E., 1965, "Mineralogy and sedimentation of recent deep-sea clay in the Atlantic Ocean and adjacent seas and oceans," Geol. Soc. Amer., Bull., 76, pp. 803-832.

Kubler, B., 1968, "Evaluation quantitative du métamorphisme par la cristallinitié de l'illite: Etat des progrés réalisés ces dernieres années," Bull. Centre Rech. Pao/SNPA, 2, pp. 385-397.

Segall, M. P., D. E. Buckley, and C.F. M. Lewis, 1987, "Clay mineral indicators of geological and geochemical subaerial modification of near-surface Tertiary sediments on the northeastern Grand Banks of Newfoundland," Can. Jour. Earth Sci., 24, pp. 2172-2187.

Table C-1. Clay-Size Mineral Characterization from the Bluff Road Site

Sample	Location	Depth (ft)	Relative Abundance of Clay-Size Minerals (%)					Illite Crystallinity Index
			S	I/S	I	K	Q	
GSX1	Black Mingo	Surface	6	45	28	7	14	0.30
GSX2	MW-1B	45	0	0	2	96	1	0.47
GSX3	MW-9C	60-61	0	0	9	89	2	0.33
GSX4	MW-3B	43	0	0	4	95	1	0.27
GSX5	MW-9B	46	0	0	3	95	2	0.27
GSX6	MW-7B	47	0	0	4	95	1	0.60
GSX7	MW-10B	45-46.5	0	1	10	89	tr	0.27
GSX8	MW-5B	45.5-46	0	0	3	97	tr	0.33
GSX9	MW-11B	49	0	1	7	91	1	0.13
GSX10	MW-8B	52-53.5	0	0	3	97	tr	?

Notes:
I = Illite
I/S = Mixed layer illite/smectite
K = Kaolinite
Q = Quartz
S = Smectite
tr = trace (<0.5%).

Sample Name: GSX1

Sample Location: 1600 Black Mingo Formation

Depth: Surface

Bottle Date: 5-7-89

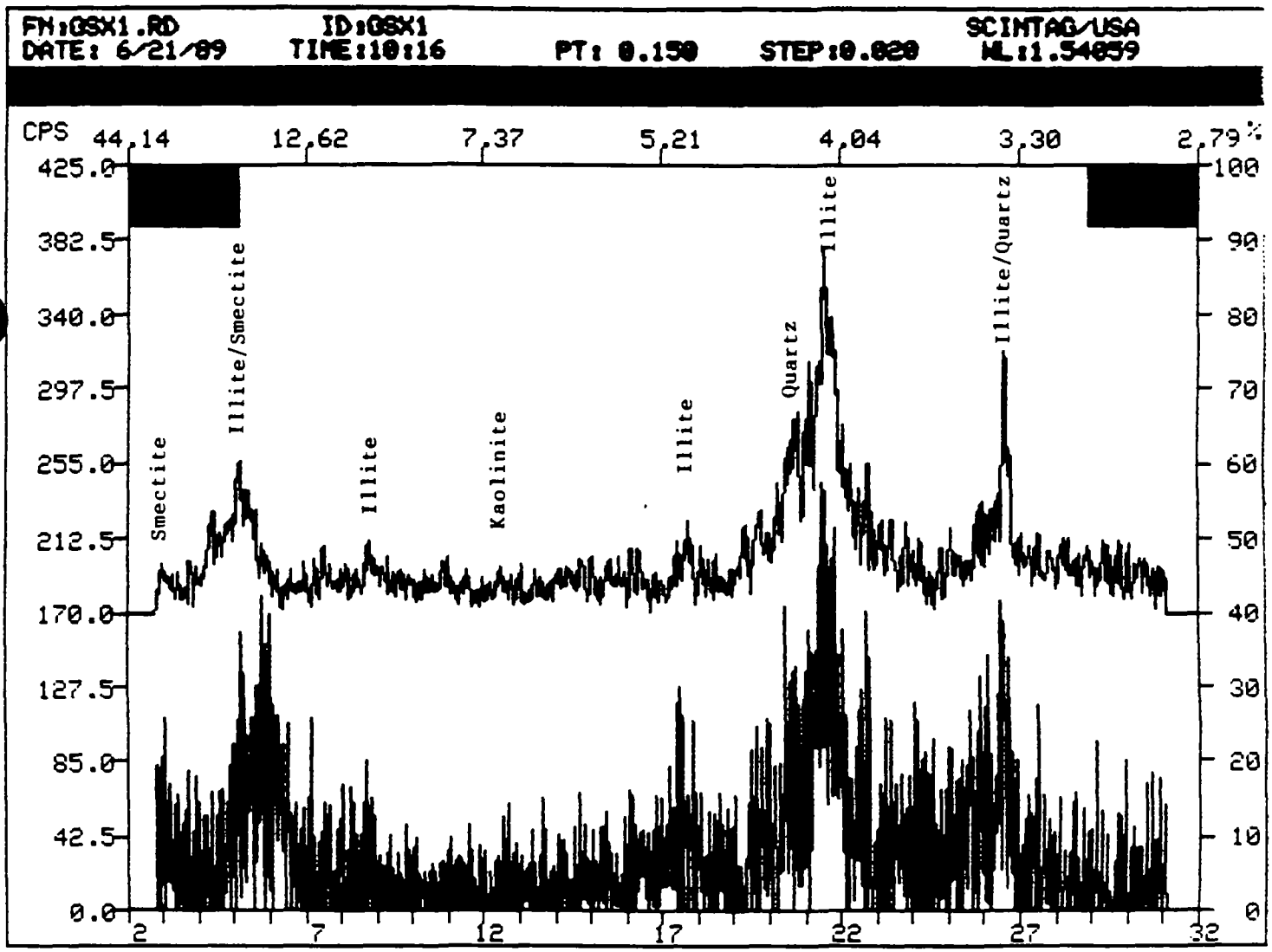


Figure C-1. X-ray diffraction patterns (lower trace untreated; upper trace ethylene glycol solvated) of the < 2 micrometer fraction from sample GSX1. This sample is dominated by mixed layer illite/smectite and some illite. Quartz, kaolinite and smectite contribute only minimally to the clay-size mineral suite.

Sample Name: GSX2

Sample Location: Background 1-B

Depth: 45 ft.

Bottle Date: 3-01-89

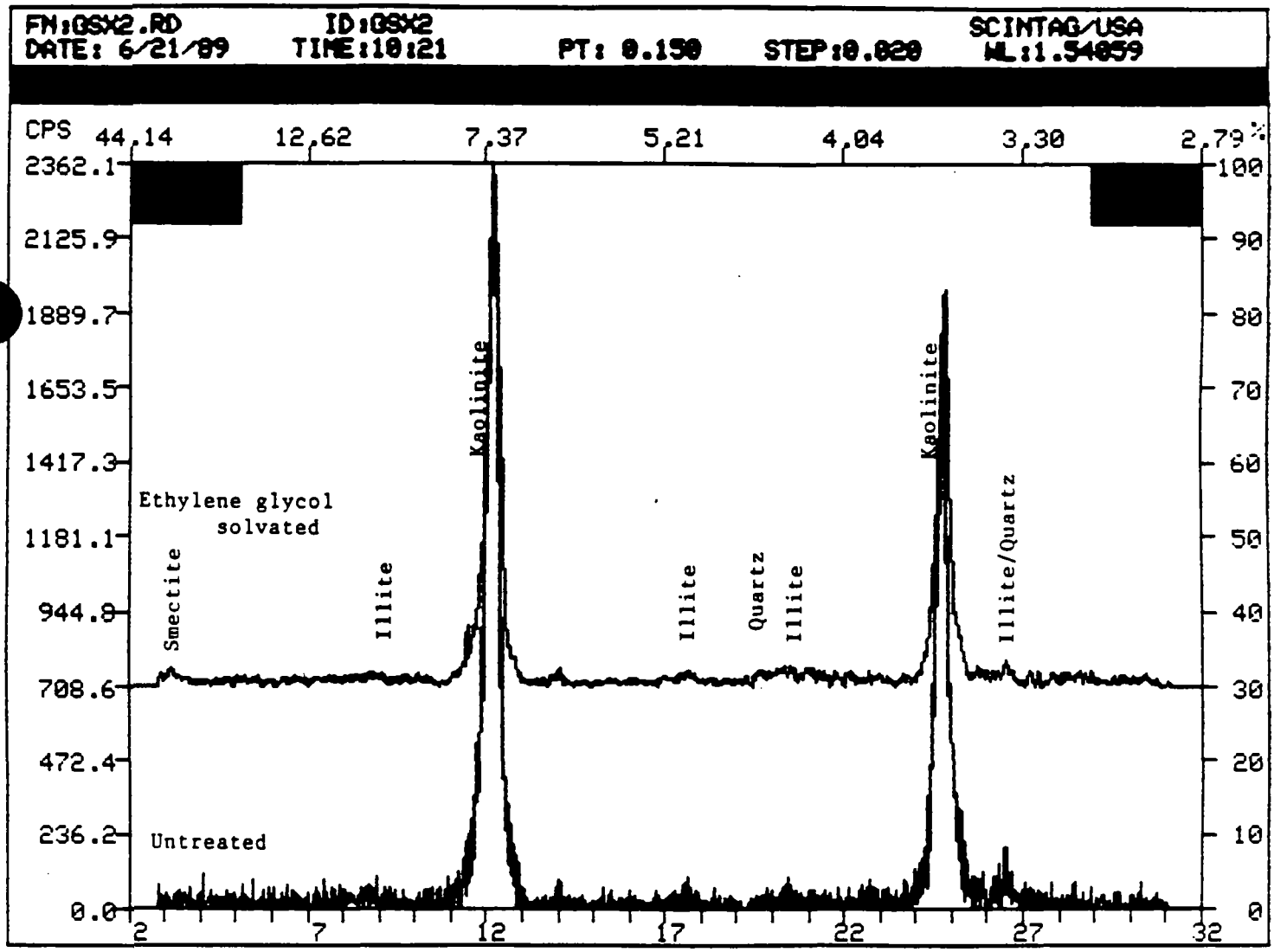


Figure C-2. X-ray diffraction patterns of the < 2 micrometer fraction from sample GSX2. This sample is dominated by kaolinite with trace concentrations of smectite, illite and quartz.

Sample Name: GSX3

Sample Location: DMW 96

Depth: 60 - 61 ft.

Bottle Date: 4-7-89

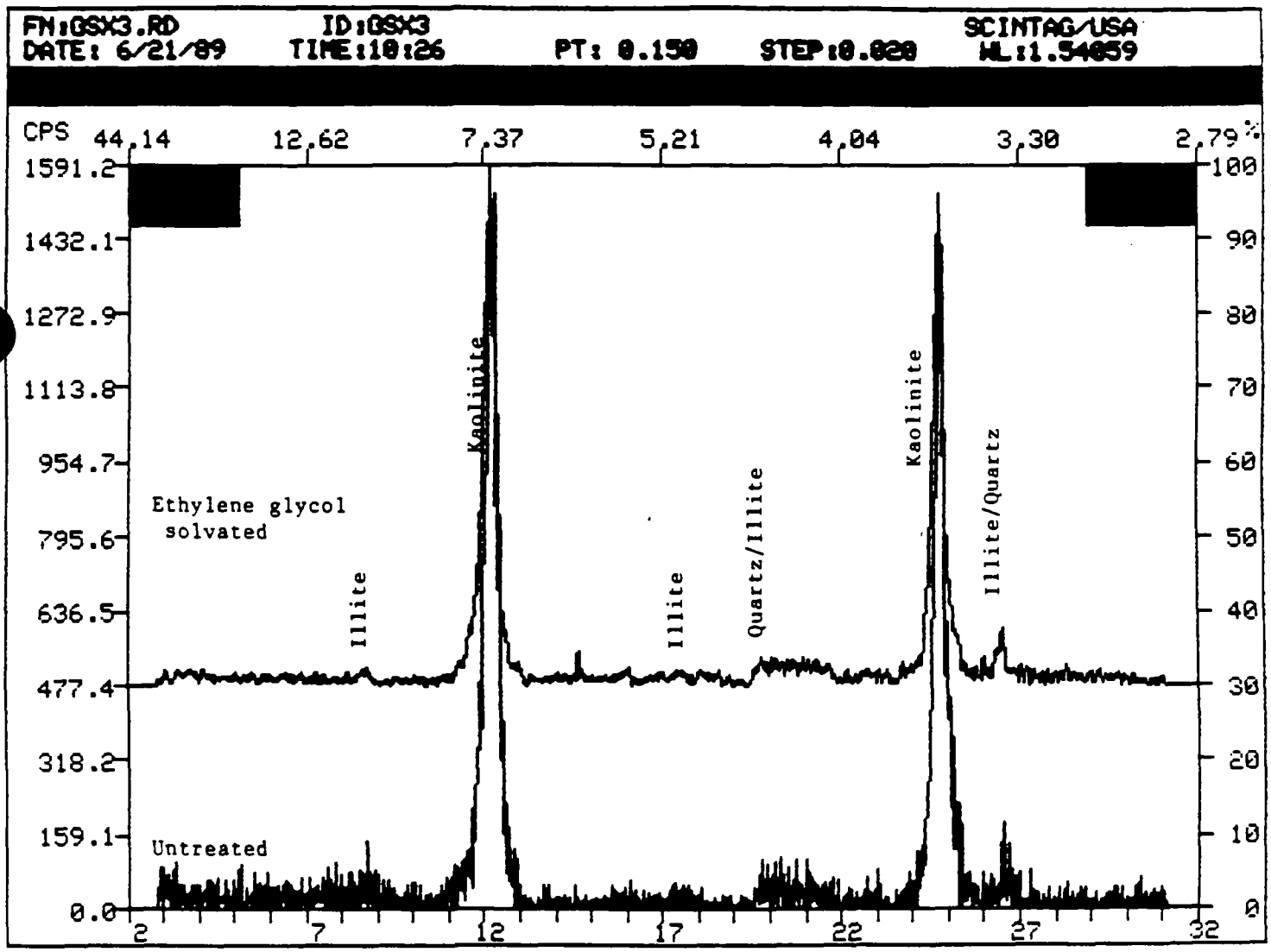


Figure C-3. X-ray diffraction patterns of the < 2 micrometer fraction from sample GSX3. This sample is dominated by kaolinite with trace concentrations of illite and quartz.

Sample Name: GSX4

Sample Location: MW-3

Depth: 43 ft.

Bottle Date: Not recorded

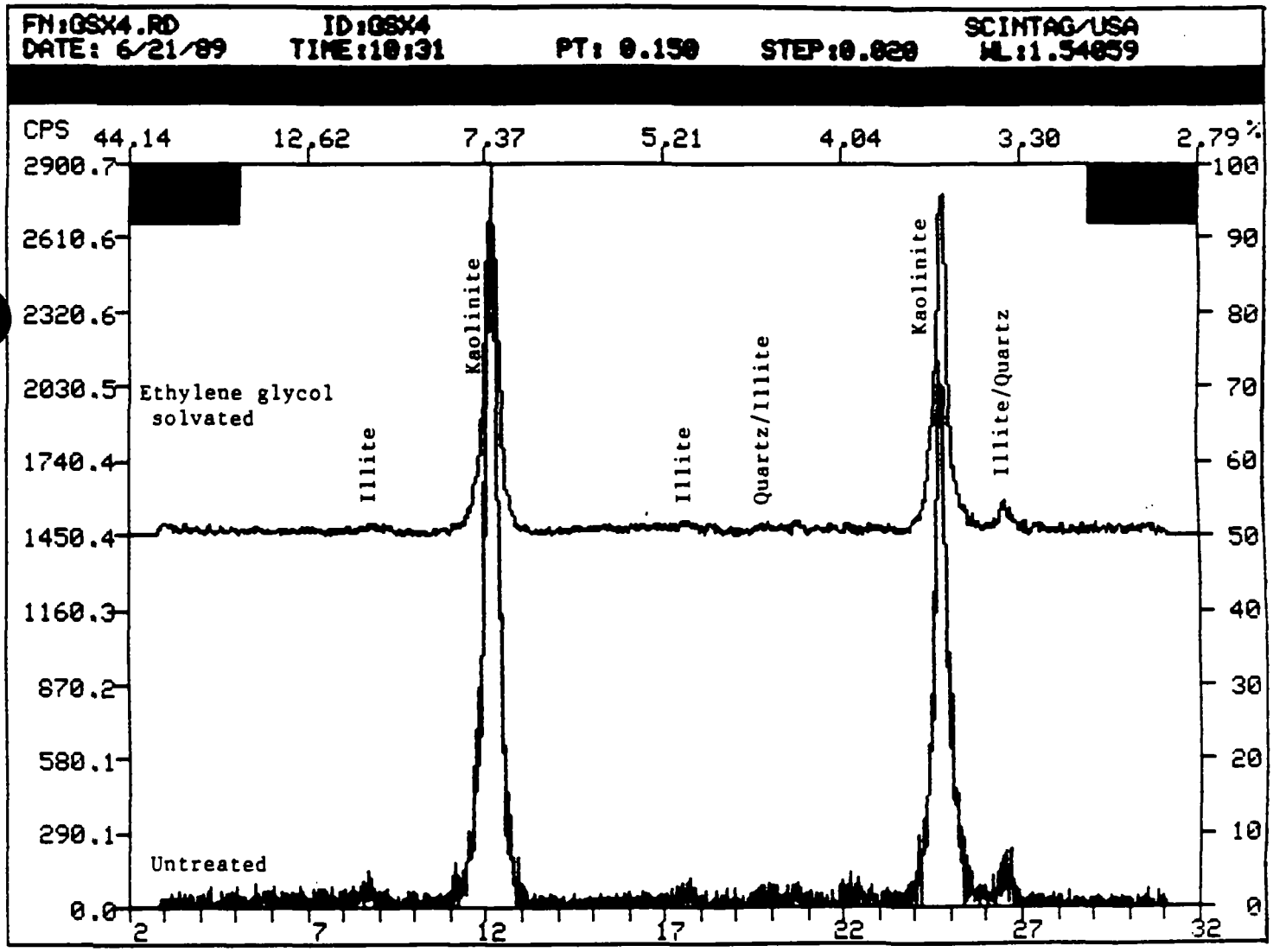


Figure C-4. X-ray diffraction patterns of the < 2 micrometer fraction from sample GSX4. This sample is dominated by kaolinite with trace concentrations of illite and quartz.

Sample Name: GSX5

Sample Location: MW-9B

Sample Depth: 96 ft.

Bottle Date: 3-21-89

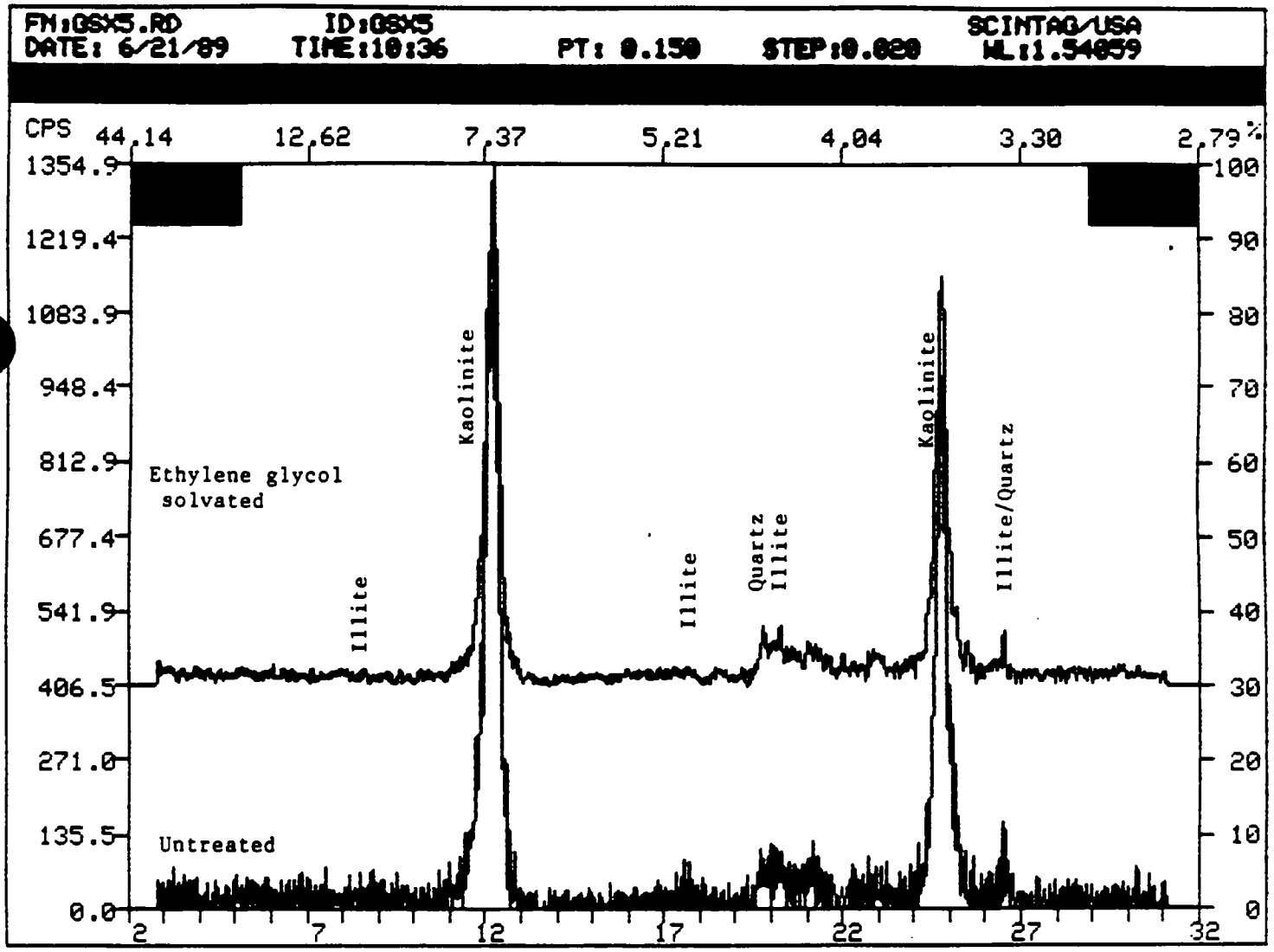


Figure C-5. X-ray diffraction patterns of the < 2 micrometer fraction from sample GSX5. This sample is dominated by daolinite with trace concentrations of illite and quartz.

3 10 01330

Sample Name: GSX6

Sample Location: MW-7B (Deep)

Depth: 47 ft.

Bottle Date: 3-14-89

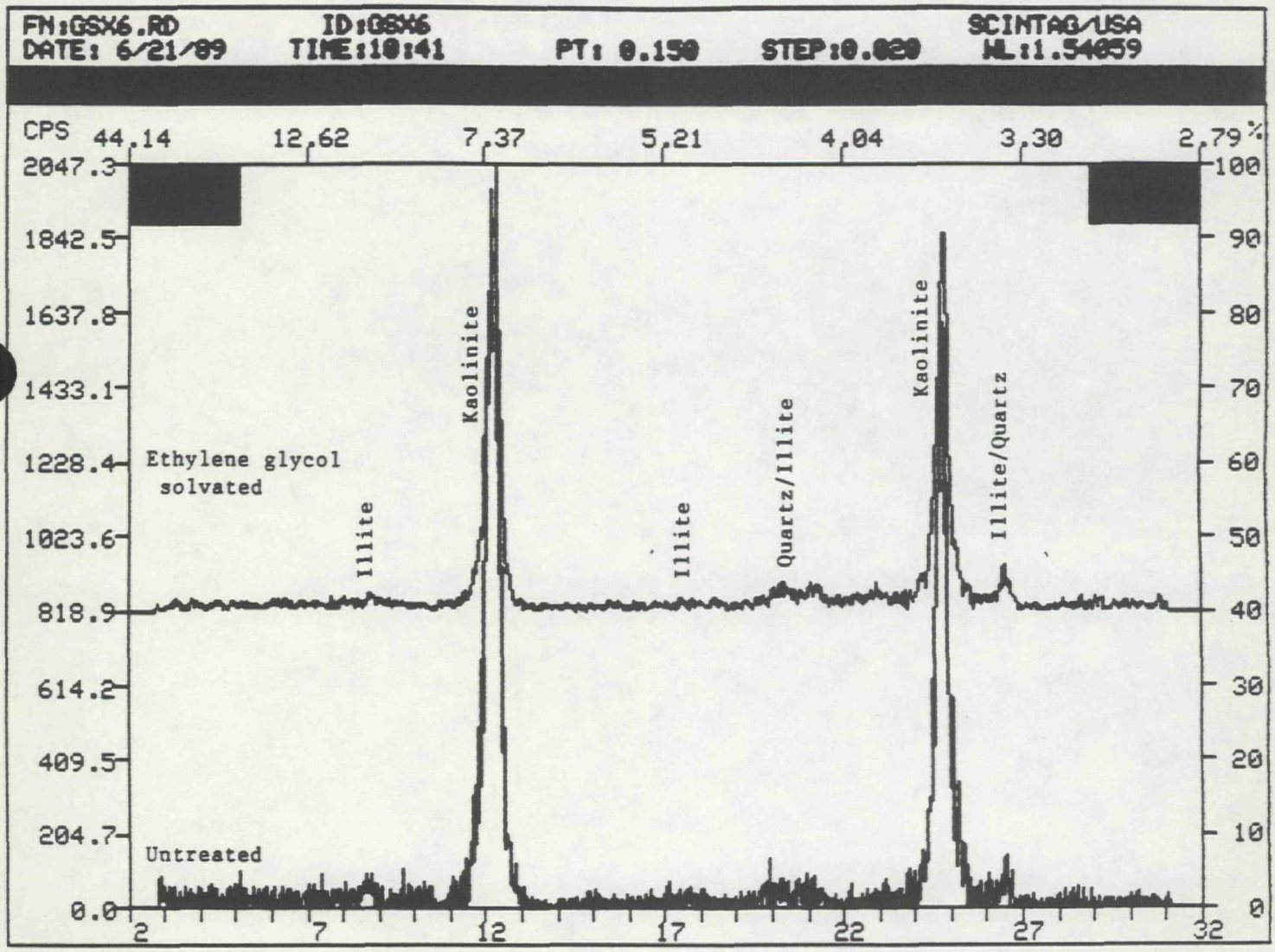


Figure C-6. X-ray diffraction patterns of the < 2 micrometer fraction from sample GSX6. This sample is dominated by kaolinite with trace concentrations of illite and quartz.

3 10 01331

Sample Name: GSX7

Sample Location: MW-10 (Bottom Clay)

Depth: 45 - 46.5 ft.

Bottle Date: 4-21-89

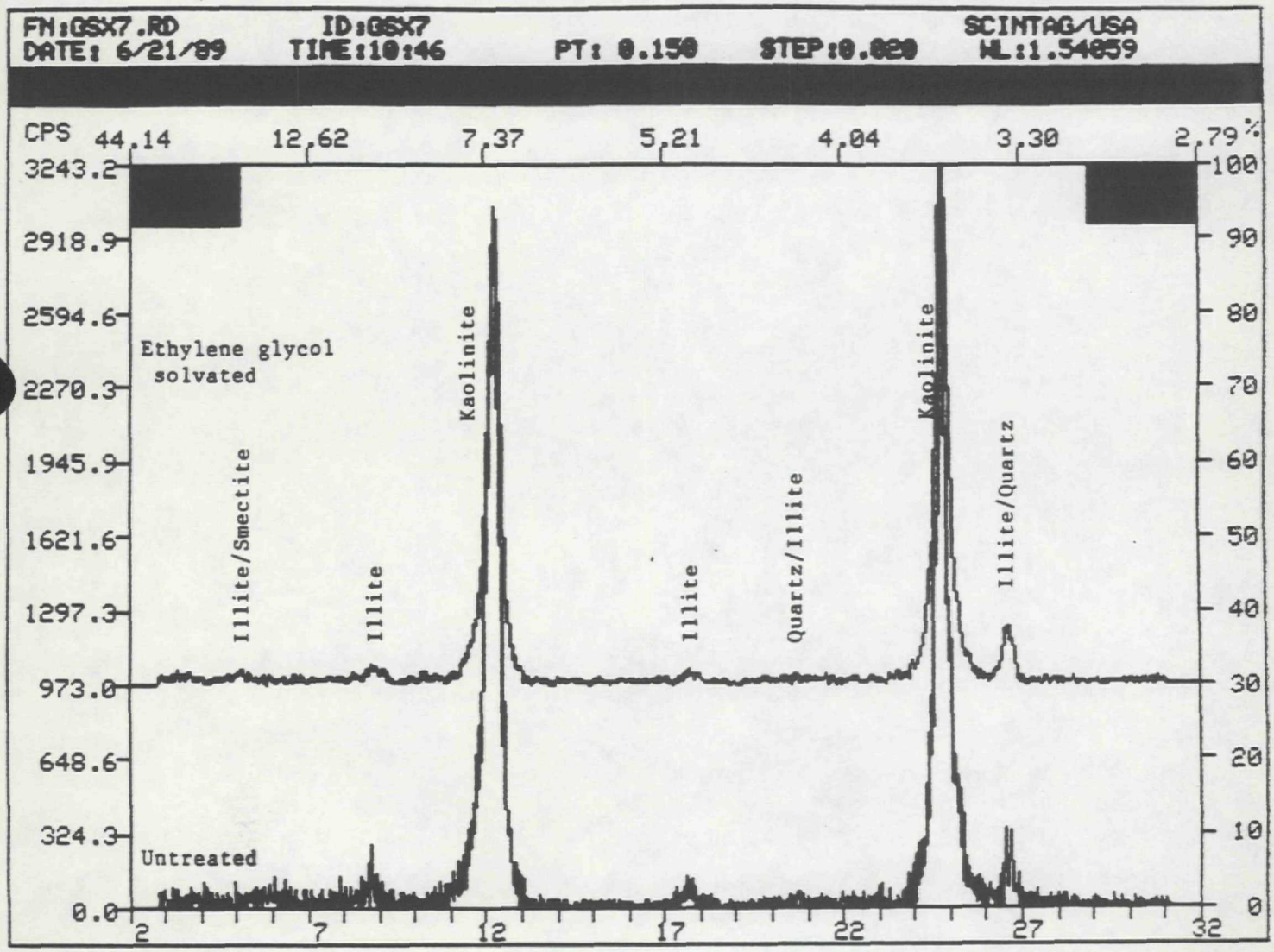


Figure C-7. X-ray diffraction patterns of the < 2 micrometer fraction from sample GSX7. This sample is dominated by kaolinite with trace concentrations of illite, mixed layer illite/smectite, and quartz.

3 10 01332

Sample Name: GSX8

Sample Location: MW5

Depth: 45.5 - 46 ft.

Bottle Date: 4-6-89

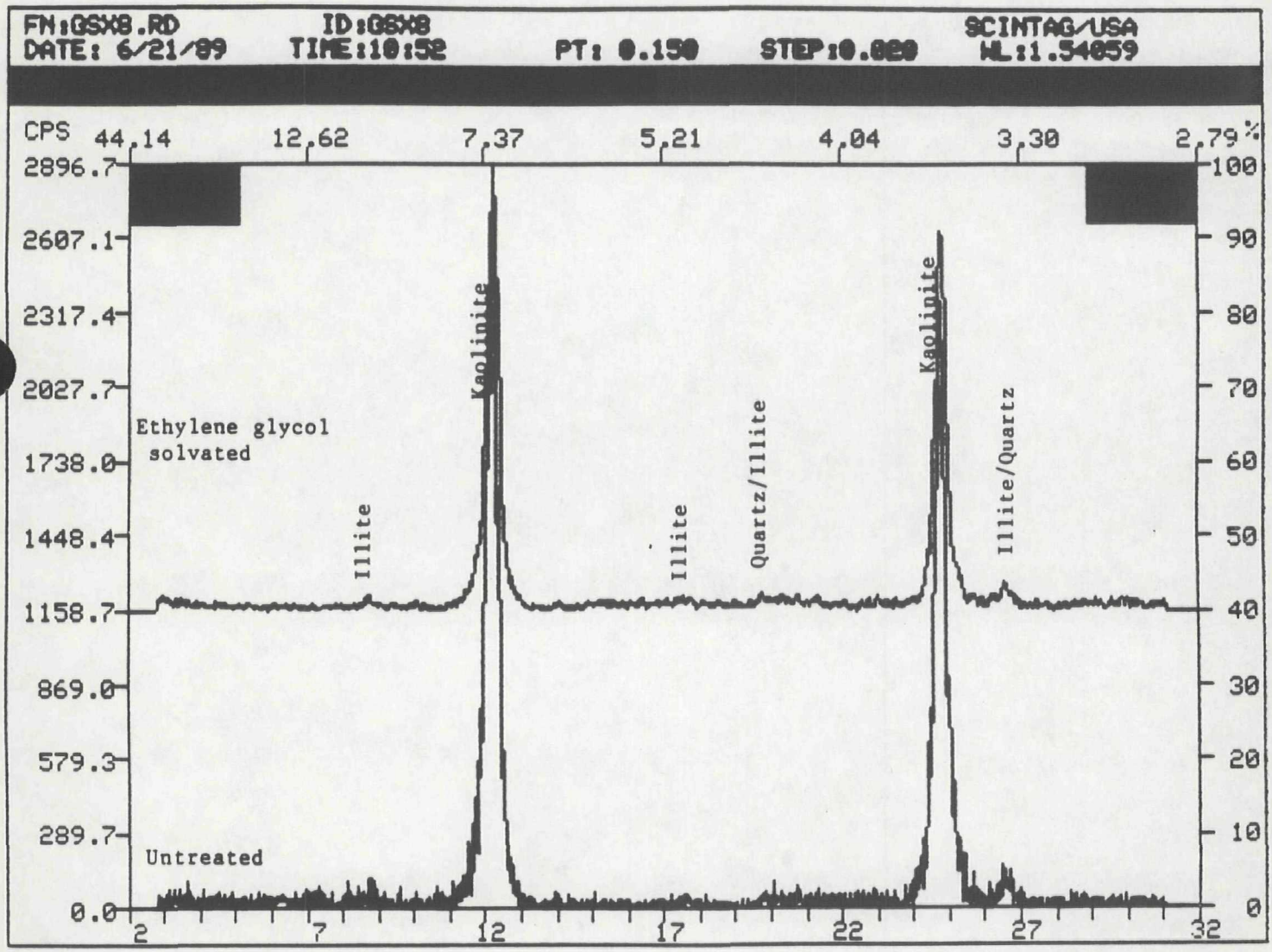


Figure C-8. X-ray diffraction patterns of the < 2 micrometer fraction from sample GSX8. This sample is dominated by kaolinite with trace concentrations of illite and quartz.

3 10 01333

Sample Name: GSX9

Sample Location: 11B

Depth: 49 ft.

Bottle Date: 3-9-89

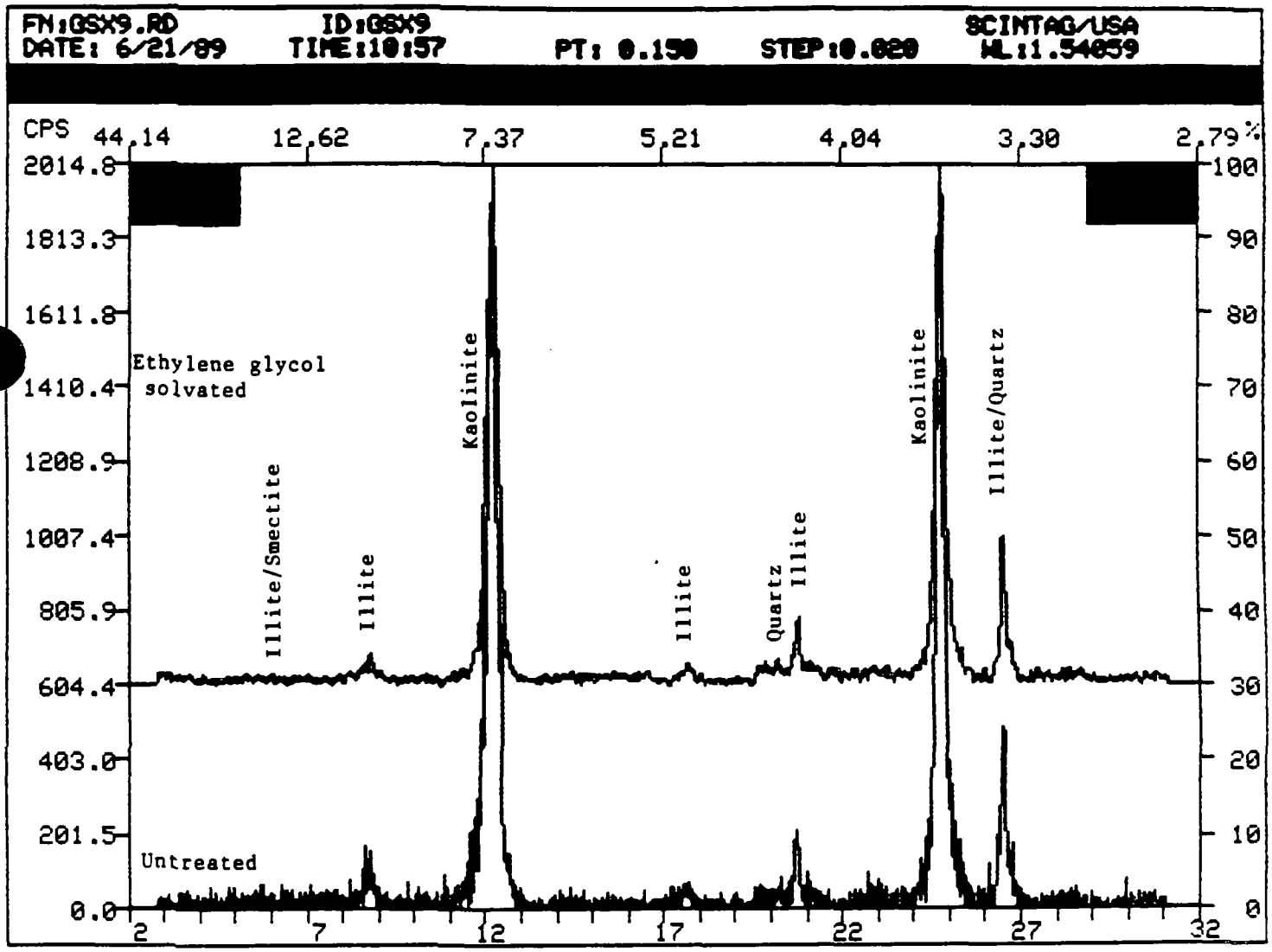


Figure C-9. X-ray diffraction patterns of the < 2 micrometer fraction from sample GSX9. This sample is dominated by kaolinite with trace concentrations of illite, quartz, and mixed layer illite/smectite.

Sample Name: GSX10

Sample Location: MW-8 (Bottom Clay)

Depth: 52 - 53.5 ft.

Bottle Date: 4-14-89

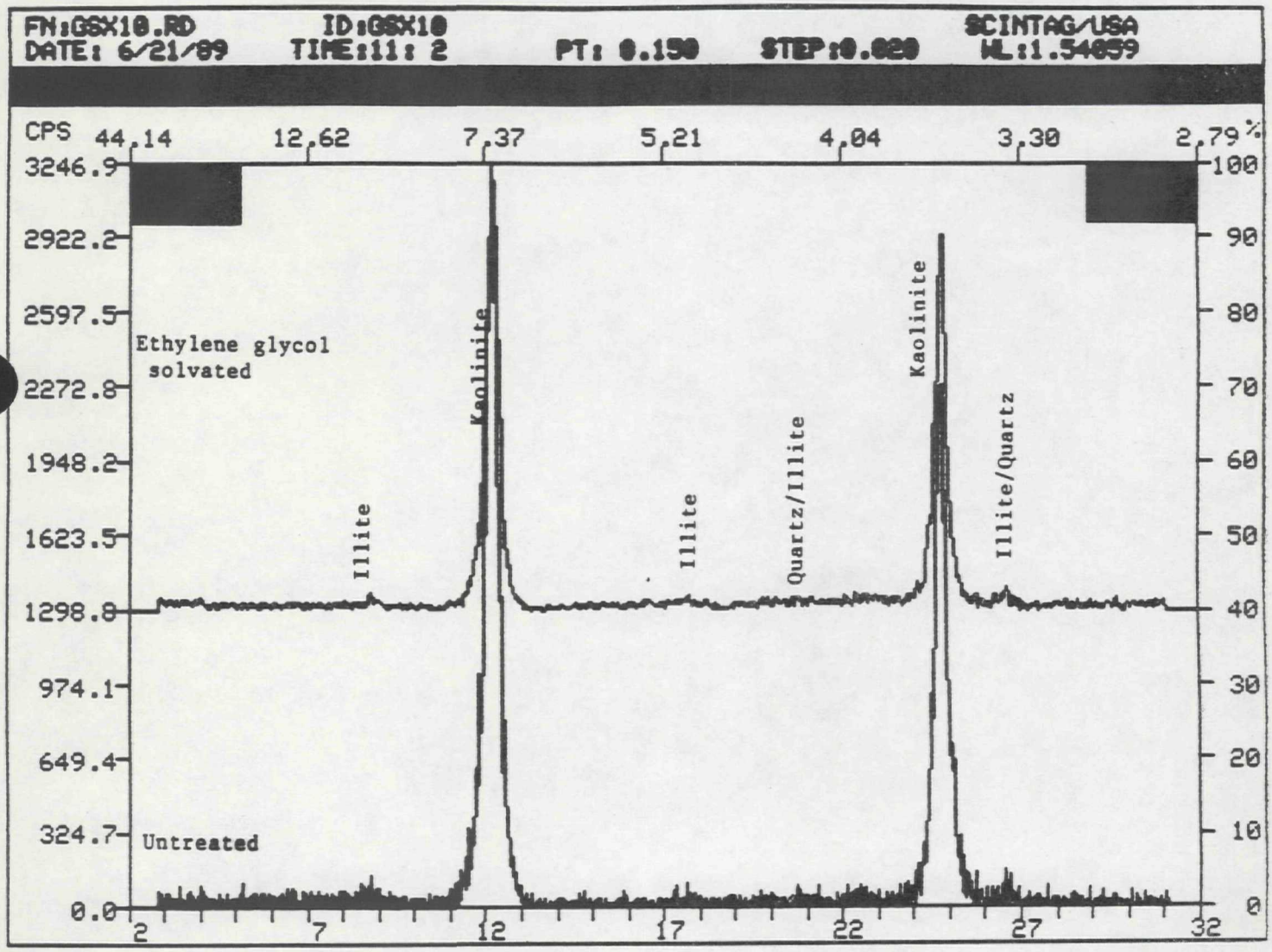


Figure C-10. X-ray diffraction patterns of the < 2 micrometer fraction from sample GSX10. This sample is dominated by kaolinite with trace concentrations of illite and quartz.

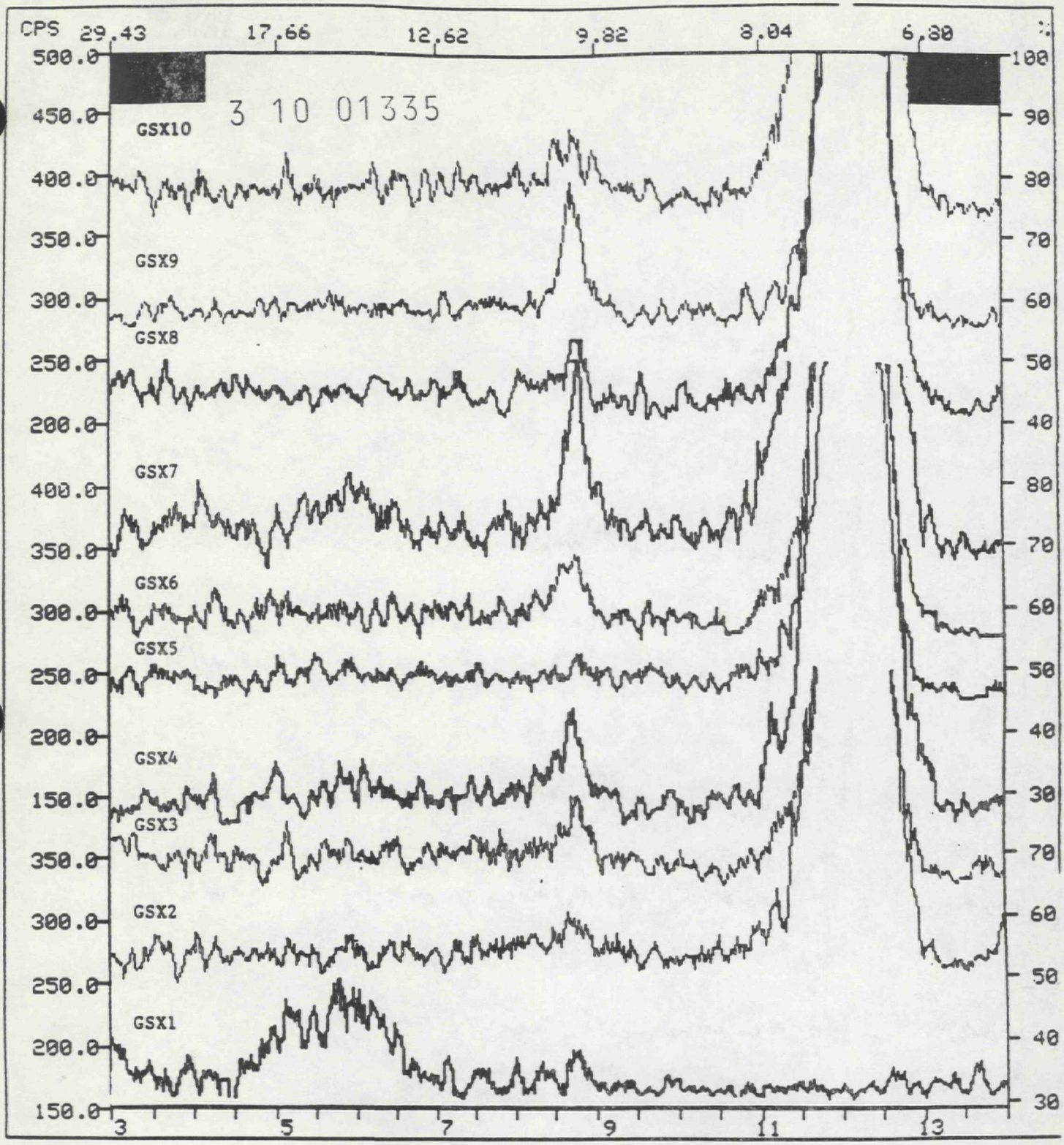


Figure C-11. Expanded horizontal and vertical scales for untreated X-ray diffraction patterns in the clay mineral range (3 - 14° 2 0). The presence of mixed layer illite/smectite and illite are more easily determined at this scale.

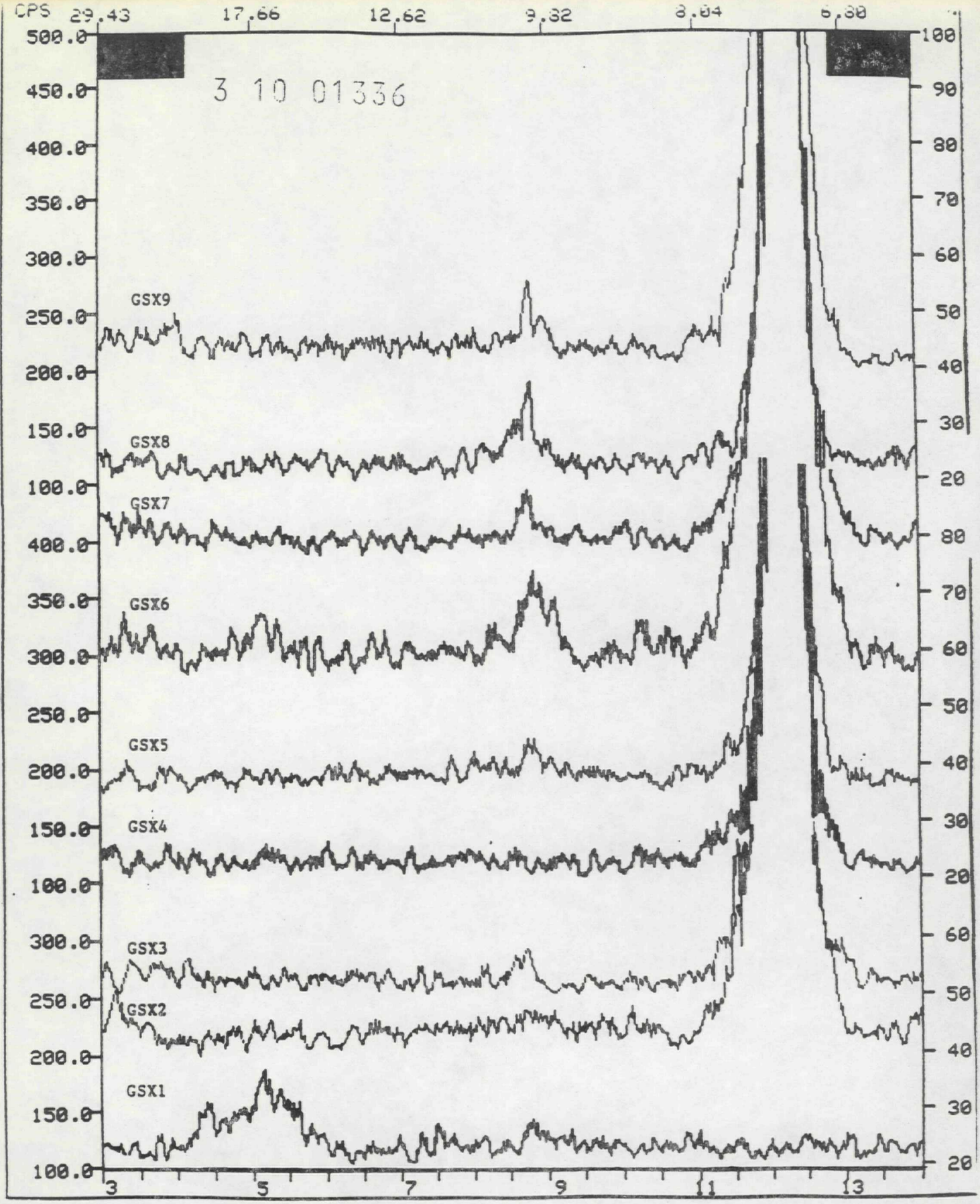


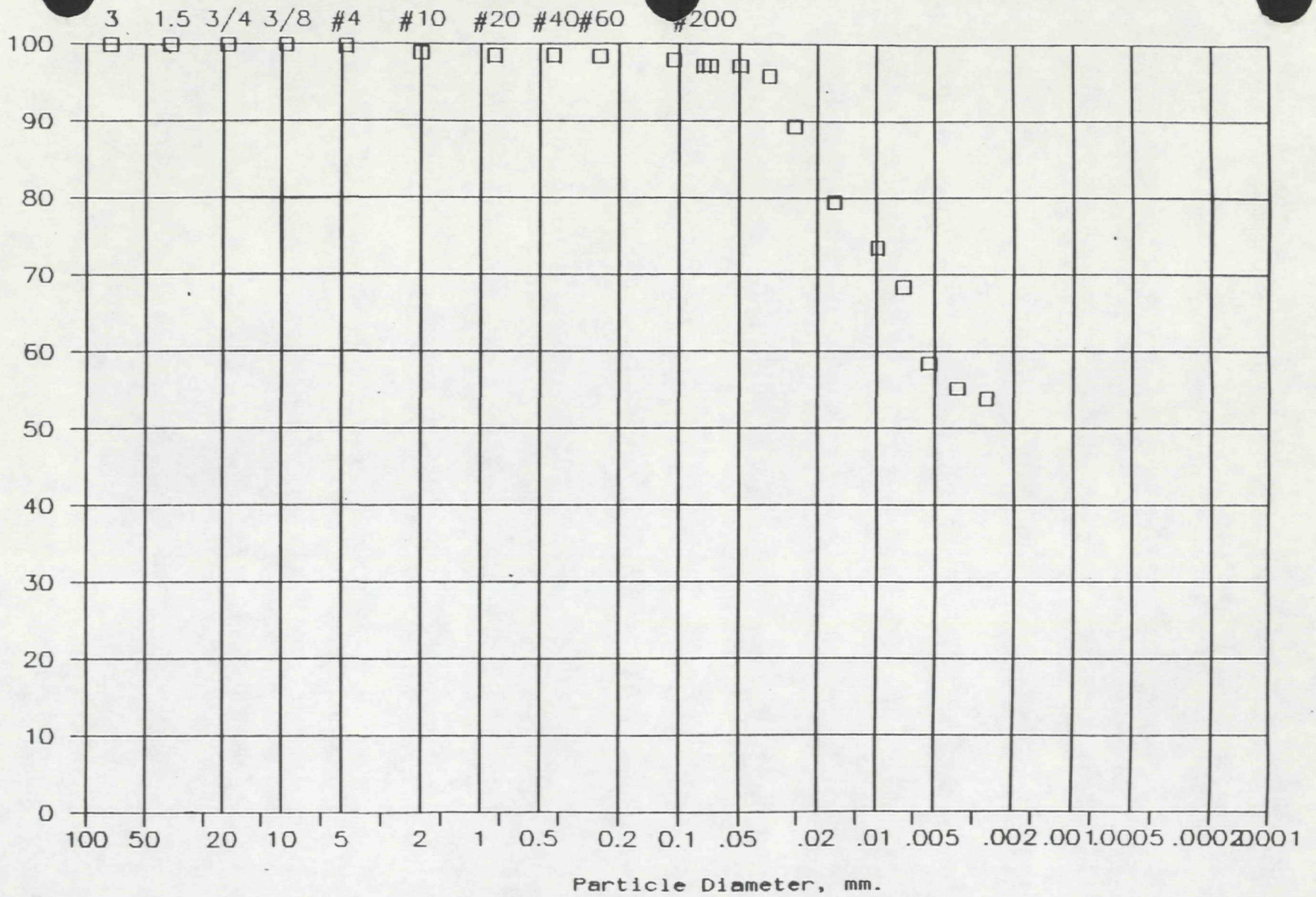
Figure C-12. Expanded horizontal and vertical scales for ethylene glycol solvated X-ray diffraction patterns. A computer malfunction precluded the printing of sample GSX10.

3 10 01337

APPENDIX D

GEOTECHNICAL DATA

BLUFF RD KNX Project No.: 408619



3 10 01338

COBBLES	GRAVEL		SAND			SILT AND CLAY	
	COARSE	FINE	COARSE	MEDIUM	FINE	SILT SIZE	CLAY SIZE

BORING	SAMPLE ID	DEPTH	SOIL DESCRIPTION	USCS	WC%	PI	LL
MW9C	GT-1	55-56.1	GRAY CLAY	CH	23.1	26.0	50.0

3 10 01339

GRAIN SIZE ANALYSIS

JECT NAME: BLUFF RD KNX | BORING NO.: MW9C

PROJECT NO.: 408619 | DEPTH: 55-56.1

SAMPLE NO.: GT-1 | SPEC. GRAV. 2.7 ASSUMED

==========SIEVE ANALYSIS==========

SIEVE NO.	DIAMETER (mm)	PERCENT FINER (%)
3.0 in.	75.000	100.0
1.5 in.	37.500	100.0
0.75 in.	19.000	100.0
0.375 in.	9.500	100.0
NO. 4	4.750	99.8
NO. 10	2.000	98.9
NO. 20	0.850	98.6
NO. 40	0.425	98.5
NO. 60	0.250	98.5
NO. 140	0.106	98.0
NO. 200	0.075	97.3

==========HYDROMETER ANALYSIS==========

DIAMETER (mm)	PERCENT FINER %	CORRECTED PERCENT %
0.0693	101.4	97.3
0.0490	101.4	97.3
0.0350	100.0	95.9
0.0259	93.2	89.4
0.0163	82.9	79.5
0.0098	76.7	73.6
0.0071	71.2	68.3
0.0053	61.0	58.5
0.0038	57.5	55.2
0.0027	56.2	53.9
0.0012	41.1	39.4

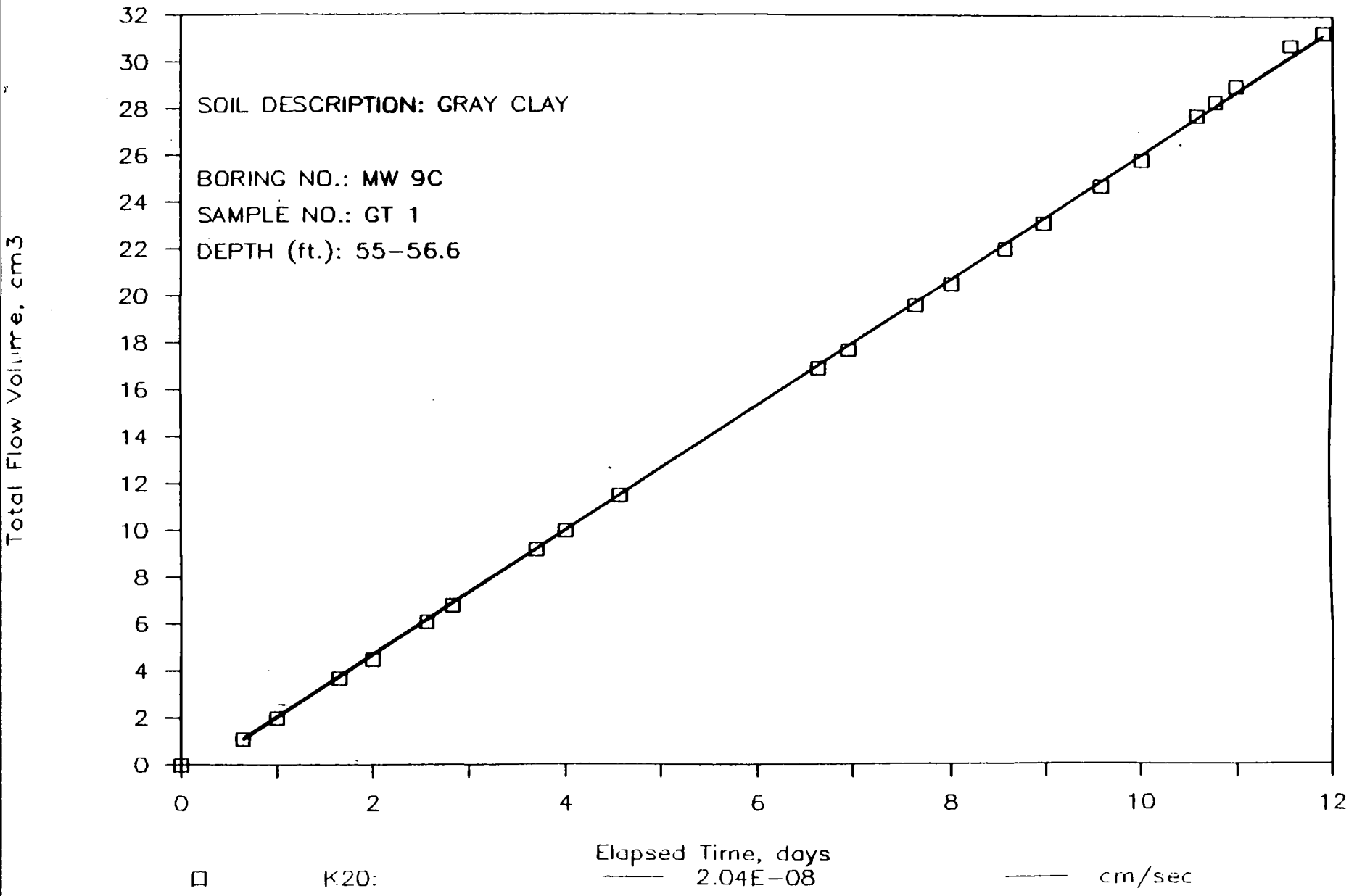
CORRECTION FACTOR = 0.959
WEIGHT OF SOIL FOR SIEVE ANALYSIS = 351.89 (gm)
WEIGHT OF SOIL FOR HYDROMETER ANALYSIS = 57.39 (gm)
VISCOSITY OF WATER = 9.794 (millipoises)

D60= NOT CALC
D30= NOT CALC
D10= NOT CALC

CU= NOT CALC
CZ= NOT CALC

PERMEABILITY TESTING

BLUFF ROAD 408619



3 10 01340

3 10 01341

PERMEABILITY TESTING

PERMEABILITY TESTING WITH: 0.01N CALCIUM SULFATE

PROJECT NAME:	BLUFF ROAD	TEST NO.:	T 1
PROJECT NO.:	408619	CELL NO.:	C 778
BORING NO.:	MW 9C	LOCATION IN CELL:	P 1
SAMPLE NO.:	GT 1		
DEPTH (ft):	55-56.6		
		SPECIFIC GRAVITY:	2.7
		(assumed)	
CELL PRESSURE (kg/cm2):	4.00		
BASE PRESSURE (kg/cm2):	3.50		
TOP PRESSURE (kg/cm2):	3.00	AVERAGE GRADIENT:	46
AVERAGE EFFECTIVE STRESS (kg/cm2):	0.750		

SOIL DESCRIPTION: GRAY CLAY

INITIAL SAMPLE CONDITIONS		FINAL SAMPLE CONDITIONS	
AVERAGE LENGTH (in):	4.236	AVERAGE LENGTH (in):	4.301
AVERAGE DIAMETER (in):	2.416	AVERAGE DIAMETER (in):	2.461
AVERAGE AREA (sq.in.):	4.582	AVERAGE AREA (sq.in.):	4.756
WATER CONTENT (%):	23.1	WATER CONTENT (%):	24.6
WET WEIGHT (g):	645.3	DRY DENSITY (pcf):	97.6
DRY WEIGHT (g):	524.2	PORE VOLUME (cc):	141
VOLUME (cm3):	318.0		
DRY DENSITY (pcf):	102.8		
PORE VOLUME (cc):	124		

ELAPSED TIME (days)	TOTAL FLOW (cc)
0	0
0.64	1.1
0.64	1.1
1.00	2.0
1.65	3.7
2.00	4.5
2.56	6.1
2.83	6.8
3.70	9.2
4.00	10.0
4.57	11.5
6.63	16.9
6.94	17.7
7.63	19.6
7.99	20.5
8.56	22.0
8.96	23.1
9.56	24.7
9.98	25.8
10.56	27.7
10.76	28.3
10.98	29.0
11.56	30.8
11.90	31.3
11.90	31.3
11.90	31.3

PERMEABLITY CALCULATION

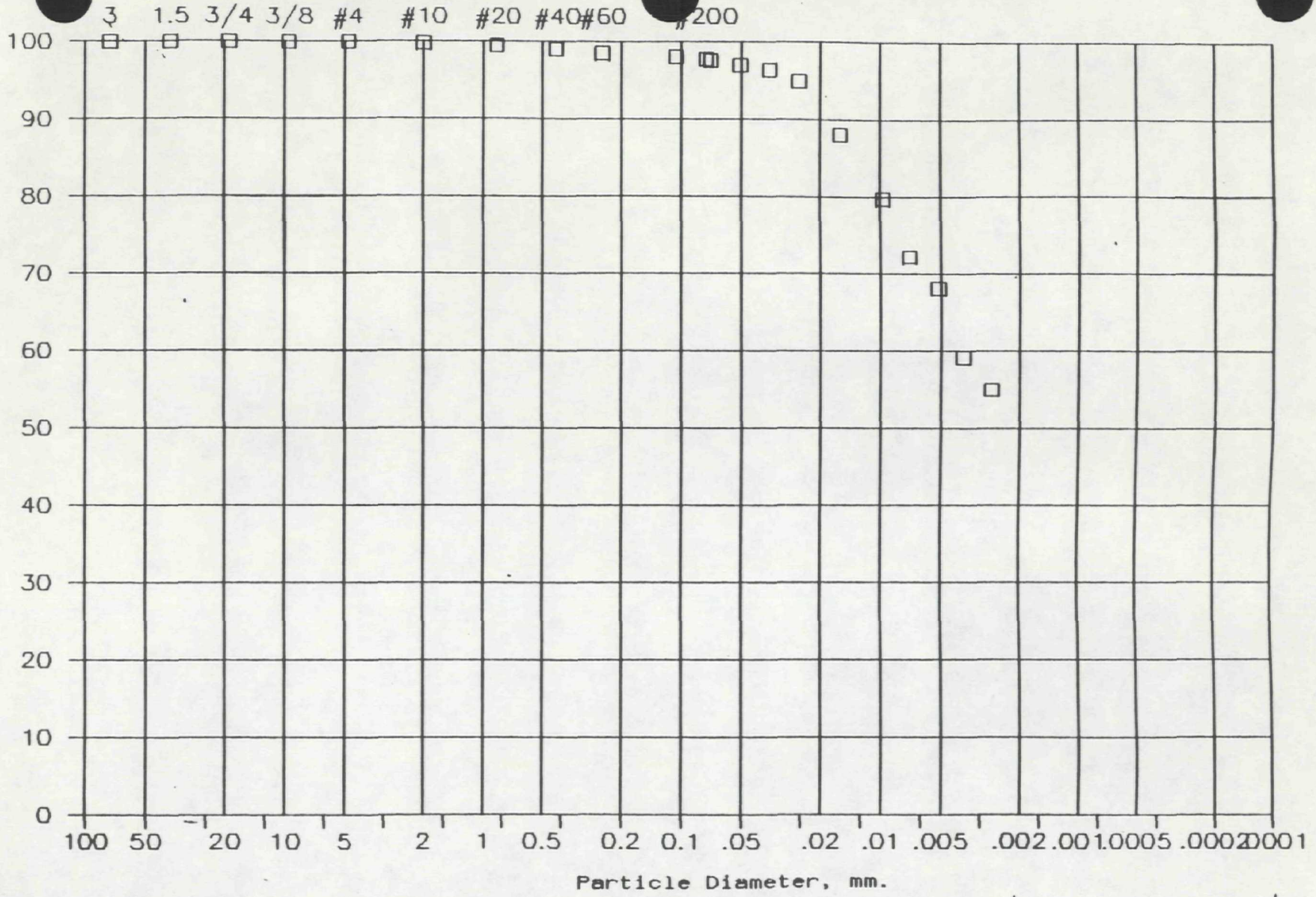
T1: 0.64 T2: 11.9

K:2.19E-08 cm/sec

K20:2.04E-08 cm/sec

BLUFF RD KNX Project No.: 408619

3 10 01342



COBBLES	GRAVEL		SAND			SILT AND CLAY	
	COARSE	FINE	COARSE	MEDIUM	FINE	SILT SIZE	CLAY SIZE

BORING	SAMPLE ID	DEPTH	SOIL DESCRIPTION	USCS	WC%	PI	LL
MW9C	GT-2	60-61	GRAY CLAY	CH	28.6	32.0	56.0

3 10 01343

GRAIN SIZE ANALYSIS

JECT NAME: BLUFF RD KNX

BORING NO.: MW9C

PROJECT NO.: 408619

DEPTH: 60-61

SAMPLE NO.: GT-2

SPEC. GRAV. 2.7 ASSUMED

==========SIEVE ANALYSIS==========

SIEVE NO.	DIAMETER (mm)	PERCENT FINER (%)
3.0 in.	75.000	100.0
1.5 in.	37.500	100.0
0.75 in.	19.000	100.0
0.375 in.	9.500	100.0
NO. 4	4.750	100.0
NO. 10	2.000	99.8
NO. 20	0.850	99.5
NO. 40	0.425	99.0
NO. 60	0.250	98.6
NO. 140	0.106	98.1
NO. 200	0.075	97.8

==========HYDROMETER ANALYSIS==========

DIAMETER (mm)	PERCENT FINER %	CORRECTED PERCENT %
0.0713	108.7	97.7
0.0507	107.9	97.0
0.0360	107.1	96.3
0.0257	105.6	95.0
0.0158	97.9	88.1
0.0096	88.8	79.8
0.0071	80.3	72.2
0.0051	75.8	68.1
0.0038	65.8	59.2
0.0027	61.2	55.0
0.0012	45.9	41.3

CORRECTION FACTOR = 0.899

WEIGHT OF SOIL FOR SIEVE ANALYSIS = 262.08 (gm)

WEIGHT OF SOIL FOR HYDROMETER ANALYSIS = 51.89 (gm)

VISCOSITY OF WATER = 9.794 (millipoises)

D60= NOT CALC

D30= NOT CALC

D10= NOT CALC

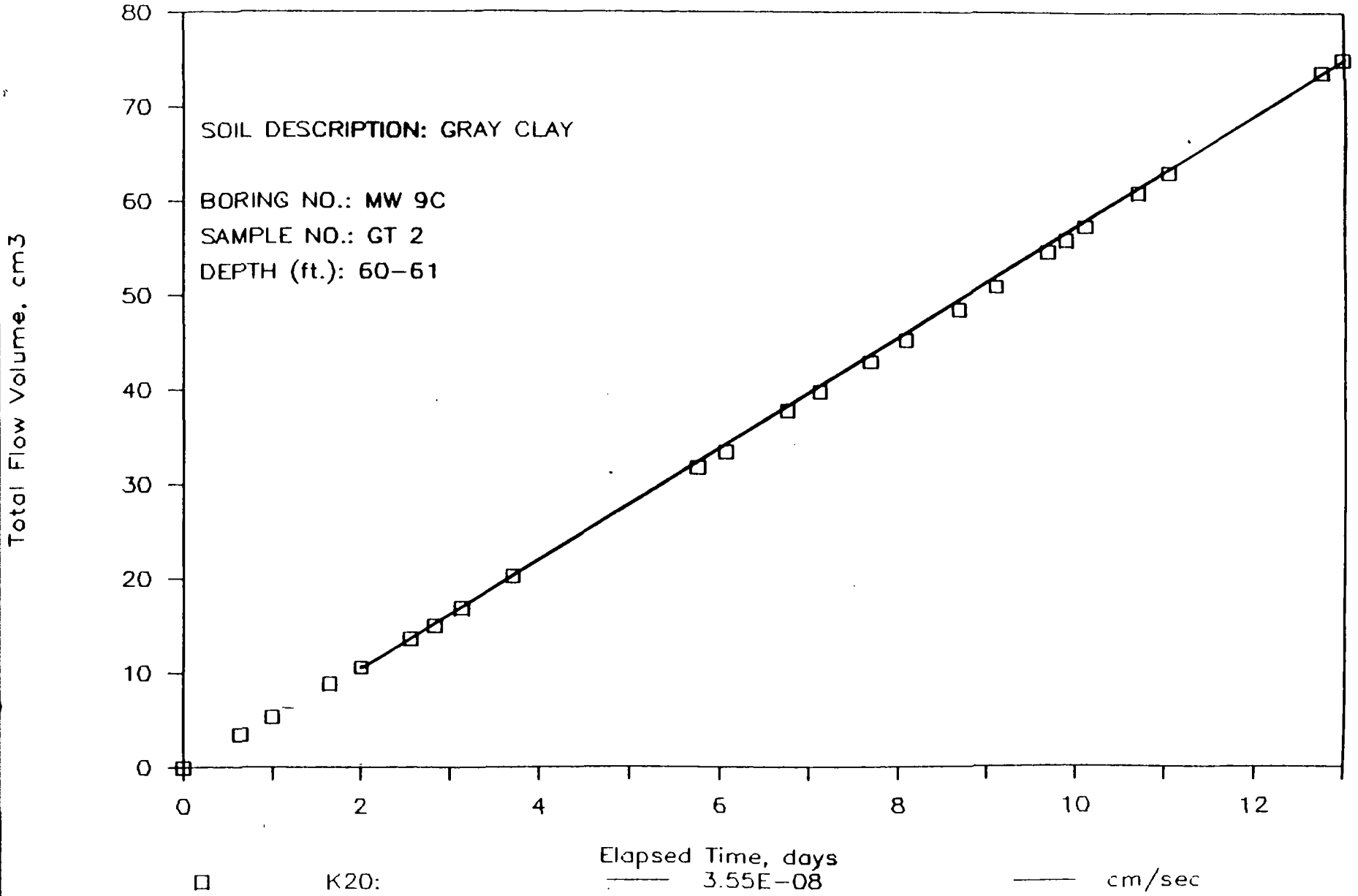
CU= NOT CALC

CZ= NOT CALC

PERMEABILITY TESTING

BLUFF ROAD 408619

3 10 01344



3 10 01345

PERMEABILITY TESTING

MEABILITY TESTING WITH: 0.01N CALCIUM SULFATE

OJECT NAME: BLUFF ROAD
PROJECT NO.: 408619
BORING NO.: MW 9C
SAMPLE NO.: GT 2
DEPTH (ft): 60-61

TEST NO.: T 2
CELL NO.: C 777
LOCATION IN CELL: P 1

SPECIFIC GRAVITY: 2.7
(assumed)

CELL PRESSURE (kg/cm2): 4.00
BASE PRESSURE (kg/cm2): 3.50
TOP PRESSURE (kg/cm2): 3.00
AVERAGE EFFECTIVE STRESS (kg/cm2): 0.750

AVERAGE GRADIENT: 52

SOIL DESCRIPTION: GRAY CLAY

INITIAL SAMPLE CONDITIONS		FINAL SAMPLE CONDITIONS	
AVERAGE LENGTH (in):	3.715	AVERAGE LENGTH (in):	3.752
AVERAGE DIAMETER (in):	2.585	AVERAGE DIAMETER (in):	2.578
AVERAGE AREA (sq.in.):	5.246	AVERAGE AREA (sq.in.):	5.217
WATER CONTENT (%):	28.6	WATER CONTENT (%):	29.6
WET WEIGHT (g):	574.7	DRY DENSITY (pcf):	86.9
DRY WEIGHT (g):	446.9	PORE VOLUME (cc):	155
VOLUME (cm3):	319.4		
DRY DENSITY (pcf):	87.3		
PORE VOLUME (cc):	154		

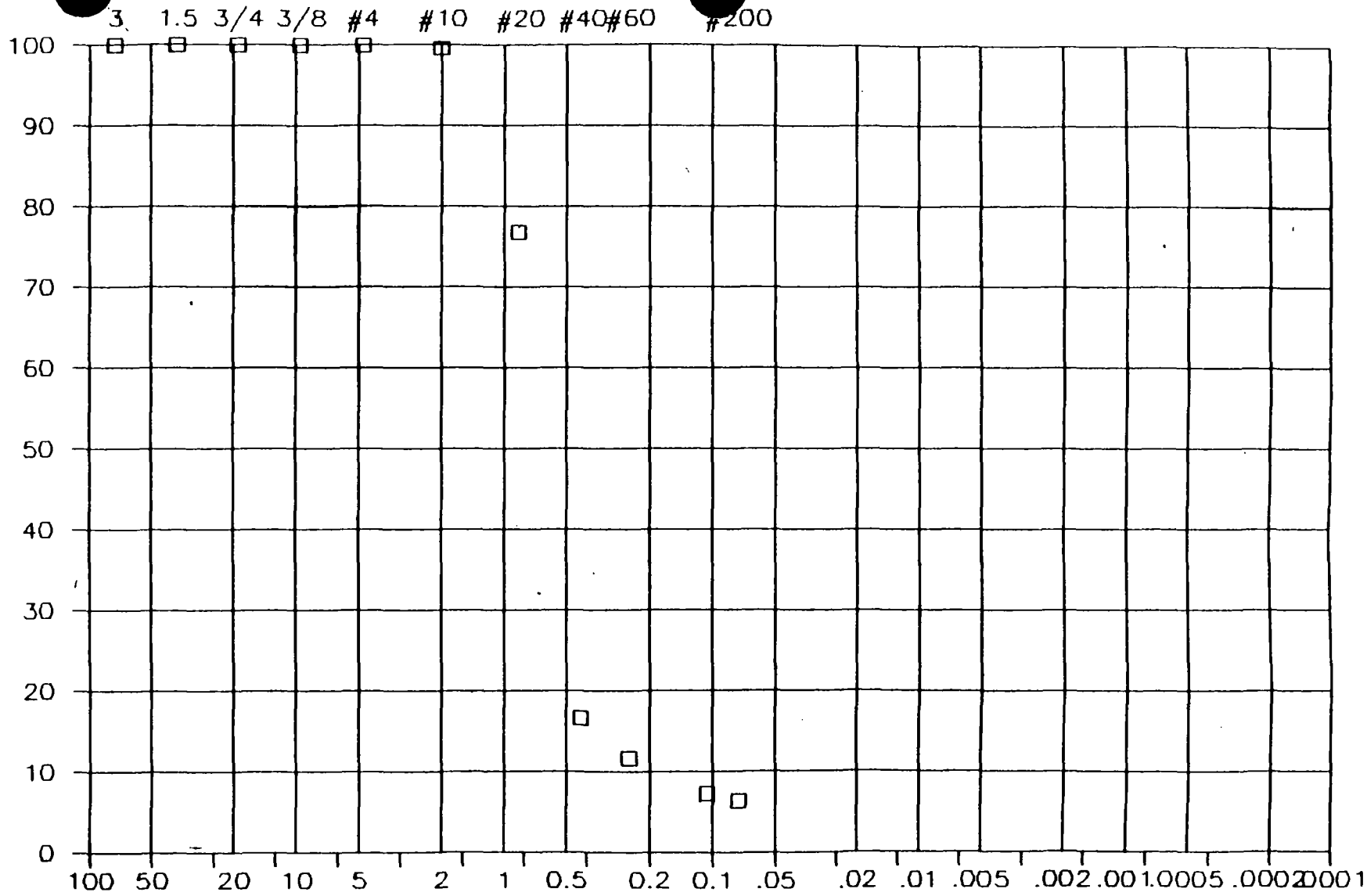
ELAPSED TIME (days)	TOTAL FLOW (cc)
0	0
0.64	3.5
0.64	3.5
1.00	5.3
1.65	8.8
2.00	10.5
2.56	13.6
2.83	15.0
2.83	15.0
3.13	16.8
3.70	20.2
5.76	31.7
6.07	33.4
6.76	37.7
7.12	39.7
7.69	42.9
8.09	45.2
8.69	48.5
9.11	50.9
9.69	54.6
9.89	55.9
10.11	57.3
10.69	60.9
11.03	63.0
12.75	73.6
12.98	75.0

PERMEABLITY CALCULATION

T1: 2 T2: 12.98

K:3.82E-08 cm/sec
K20:3.55E-08 cm/sec

BLUFF RD KNX · Project No.: 408619



COBBLES	GRAVEL		SAND			SILT AND CLAY	
	COARSE	FINE	COARSE	MEDIUM	FINE	SILT SIZE	CLAY SIZE

BORING	SAMPLE ID	DEPTH	SOIL DESCRIPTION	USCS	WC%	CU	CZ
MW9C	GT-3		GRAY SAND TRACE SILT		18.2	3.9	1.9

3 10 01347

GRAIN SIZE ANALYSIS

ECT NAME: BLUFF RD KNX

BORING NO.: MW9C

PROJECT NO.: 408619

DEPTH: 0

SAMPLE NO.: GT-3

SPEC. GRAV. 2.65 ASSUMED

==========SIEVE ANALYSIS==========

SIEVE NO.	DIAMETER (mm)	PERCENT FINER (%)
3.0 in.	75.000	100.0
1.5 in.	37.500	100.0
0.75 in.	19.000	100.0
0.375 in.	9.500	100.0
NO. 4	4.750	100.0
NO. 10	2.000	99.6
NO. 20	0.850	76.9
NO. 40	0.425	16.7
NO. 60	0.250	11.6
NO. 140	0.106	7.3
NO. 200	0.075	6.3

==========HYDROMETER ANALYSIS==========

DIAMETER (mm)	PERCENT FINER %	CORRECTED PERCENT %

CORRECTION FACTOR = N/A

WEIGHT OF SOIL FOR SIEVE ANALYSIS = (gm)

WEIGHT OF SOIL FOR HYDROMETER ANALYSIS = N/A (gm)

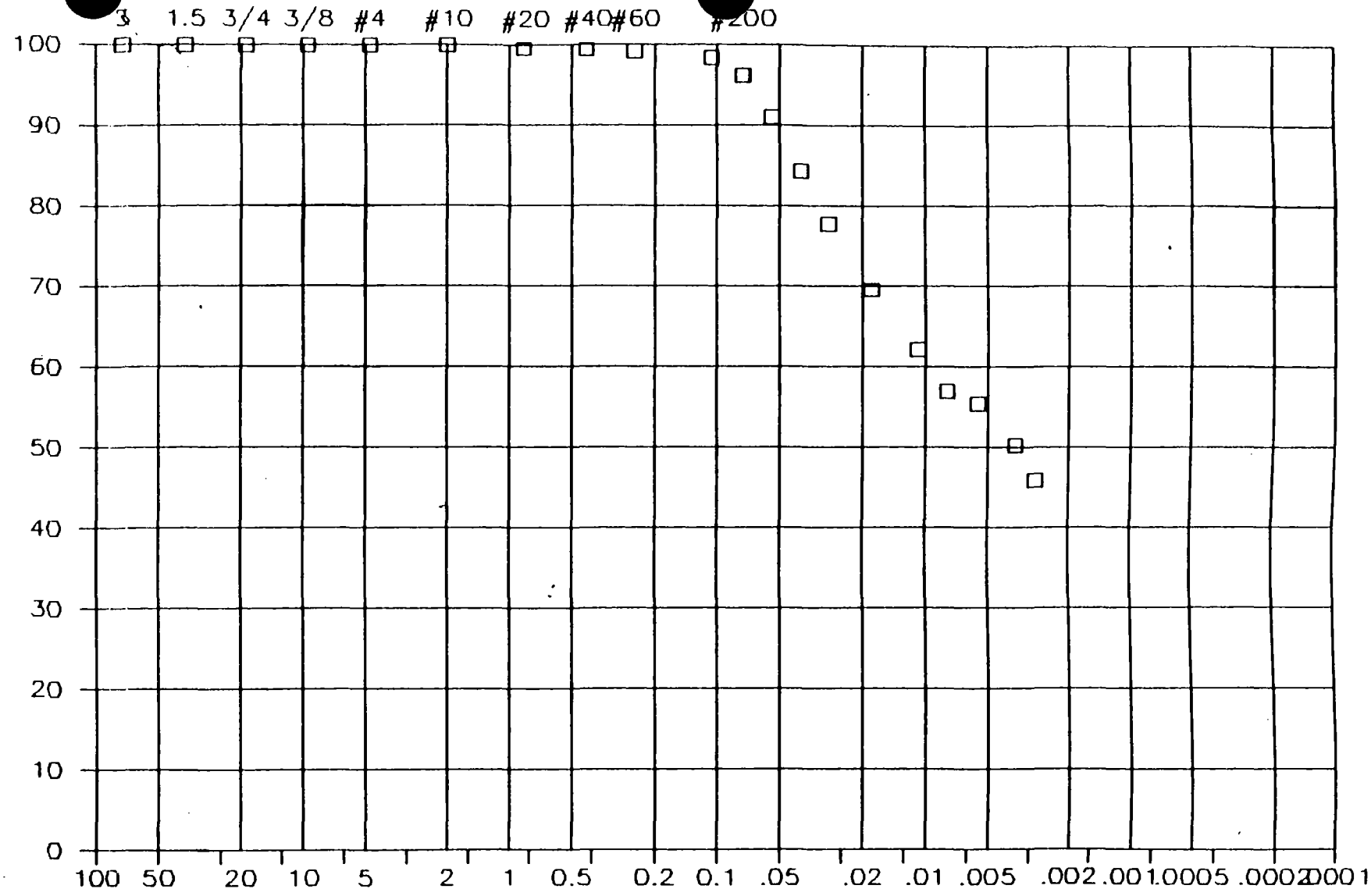
VISCOSITY OF WATER = N/A (millipoises)

D60= 0.6984 CU= 3.9

D30= 0.4944 CZ= 1.9

D10= 0.1809

BLUFF RD KNX Project No.: 408619



3 10 01348

COBBLES	GRAVEL		SAND			SILT AND CLAY	
	COARSE	FINE	COARSE	MEDIUM	FINE	SILT SIZE	CLAY SIZE

BORING	SAMPLE ID	DEPTH	SOIL DESCRIPTION	USCS	WC%	PI	LL
MW9C	GT-6	95.8-96.2	GRAY CLAY	CL	21.8	24.0	39.0

3 10 01349

GRAIN SIZE ANALYSIS

I ECT NAME: BLUFF RD KNX | BORING NO.: MW9C

PROJECT NO.: 408619 | DEPTH: 95.8-96.2

SAMPLE NO.: GT-4 | SPEC. GRAV. 2.7 ASSUMED

==========SIEVE ANALYSIS==========

SIEVE NO.	DIAMETER (mm)	PERCENT FINER (%)
3.0 in.	75.000	100.0
1.5 in.	37.500	100.0
0.75 in.	19.000	100.0
0.375 in.	9.500	100.0
NO. 4	4.750	100.0
NO. 10	2.000	100.0
NO. 20	0.850	99.6
NO. 40	0.425	99.4
NO. 60	0.250	99.3
NO. 140	0.106	98.4
NO. 200	0.075	96.3

==========HYDROMETER ANALYSIS==========

DIAMETER (mm)	PERCENT FINER %	CORRECTED PERCENT %
0.0748	97.1	96.2
0.0544	91.8	91.0
0.0398	85.1	84.4
0.0290	78.4	77.7
0.0180	70.2	69.6
0.0108	62.7	62.2
0.0078	57.5	57.0
0.0055	56.0	55.5
0.0037	50.8	50.3
0.0029	46.3	45.9
0.0012	39.6	39.2

CORRECTION FACTOR = 0.991

WEIGHT OF SOIL FOR SIEVE ANALYSIS = (gm)

WEIGHT OF SOIL FOR HYDROMETER ANALYSIS = 53.18 (gm)

VISCOSITY OF WATER = 9.702 (millipoises)

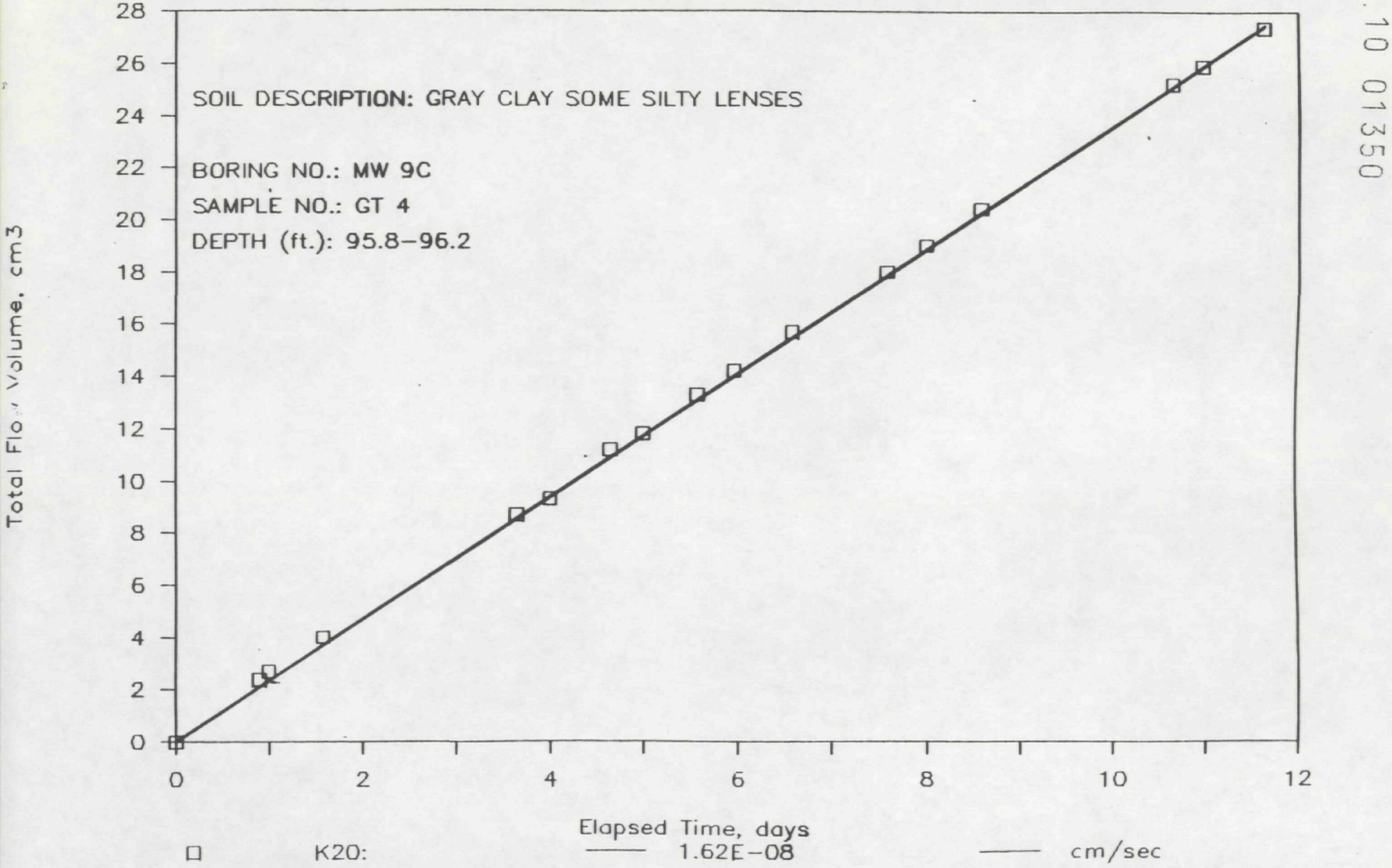
D60= NOT CALC
D30= NOT CALC
D10= NOT CALC

CU= NOT CALC
CZ= NOT CALC

PERMEABILITY TESTING

BLUFF ROAD 408619

3.10 01350



PERMEABILITY TESTING

PERMEABILITY TESTING WITH: 0.01N CALCIUM SULFATE

PROJECT NAME:	BLUFF ROAD	TEST NO.:	T 3
PROJECT NO.:	408619	CELL NO.:	C 24
BORING NO.:	MW 9C	LOCATION IN CELL:	P 1
SAMPLE NO.:	ST 4		
DEPTH (ft):	95.8-96.2		
		SPECIFIC GRAVITY: (assumed)	2.7
CELL PRESSURE (kg/cm2):	4.00		
BASE PRESSURE (kg/cm2):	3.50		
TOP PRESSURE (kg/cm2):	3.00	AVERAGE GRADIENT:	52
AVERAGE EFFECTIVE STRESS (kg/cm2):	0.750		

SOIL DESCRIPTION: GRAY CLAY SOME SILTY LENSES

INITIAL SAMPLE CONDITIONS		FINAL SAMPLE CONDITIONS	
AVERAGE LENGTH (in):	3.765	AVERAGE LENGTH (in):	3.784
AVERAGE DIAMETER (in):	2.414	AVERAGE DIAMETER (in):	2.425
AVERAGE AREA (sq.in.):	4.576	AVERAGE AREA (sq.in.):	4.616
WATER CONTENT (%):	21.8	WATER CONTENT (%):	24.7
WET WEIGHT (g):	556.8	DRY DENSITY (pcf):	99.7
DRY WEIGHT (g):	457.2	PORE VOLUME (cc):	117
VOLUME (cm3):	282.3		
DRY DENSITY (pcf):	101.1		
PORE VOLUME (cc):	113		

ELAPSED TIME (days)	TOTAL FLOW (cc)
0	0
0.89	2.4
0.99	2.7
1.57	4.0
3.64	8.7
3.99	9.3
4.64	11.2
4.99	11.8
5.57	13.3
5.96	14.2
6.57	15.7
7.57	18.0
7.99	19.0
8.58	20.4
10.64	25.2
10.97	25.9
11.64	27.4

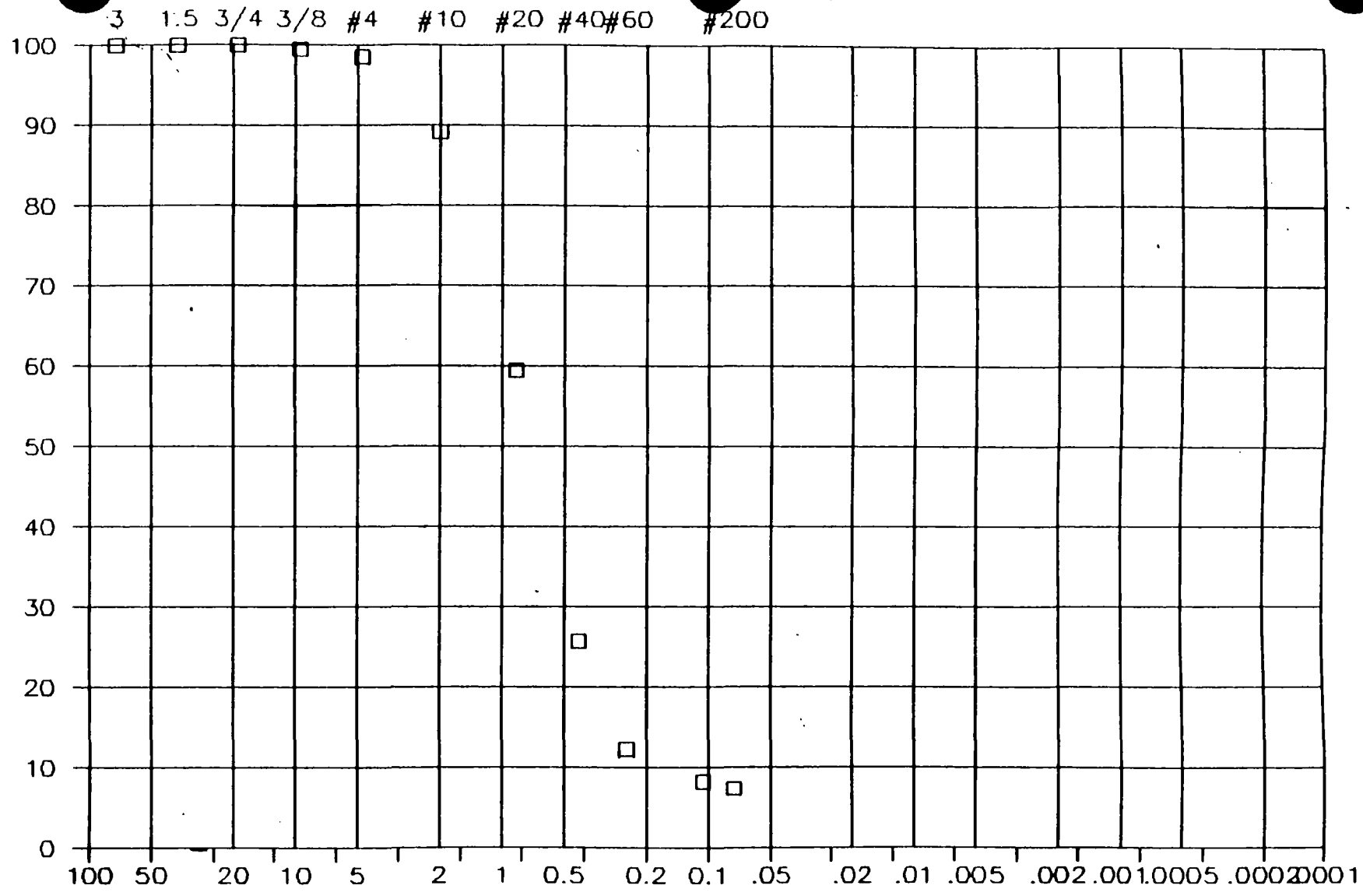
PERMEABLITY CALCULATION

T1: 0 T2: 11.64

K:1.75E-08 cm/sec

K20:1.62E-08 cm/sec

BLUFF RD KNX Project No.: 408619



COBBLES	GRAVEL		SAND			SILT AND CLAY	
	COARSE	FINE	COARSE	MEDIUM	FINE	SILT SIZE	CLAY SIZE

BORING	SAMPLE ID	DEPTH	SOIL DESCRIPTION	USCS	WC%	CU	CZ
MW88	GT-5	45-46.5	LIGHT BROWN & WHITE SAND TRACE OF SILT		24.3	5.6	1.6

3 10 01352

3 10 01353

GRAIN SIZE ANALYSIS

JECT NAME: BLUFF RD KNX

BORING NO.: MW8B

PROJECT NO.: 408619

DEPTH: 45-46.5

SAMPLE NO.: GT-5

SPEC. GRAV. 2.65 ASSUMED

==========SIEVE ANALYSIS==========

SIEVE NO.	DIAMETER (mm)	PERCENT FINER (%)
3.0 in.	75.000	100.0
1.5 in.	37.500	100.0
0.75 in.	19.000	100.0
0.375 in.	9.500	99.5
NO. 4	4.750	98.5
NO. 10	2.000	89.3
NO. 20	0.850	59.5
NO. 40	0.425	25.8
NO. 60	0.250	12.2
NO. 140	0.106	8.2
NO. 200	0.075	7.4

==========HYDROMETER ANALYSIS==========

DIAMETER (mm)	PERCENT FINER %	CORRECTED PERCENT %

CORRECTION FACTOR = N/A

WEIGHT OF SOIL FOR SIEVE ANALYSIS = 387.73 (gm)

WEIGHT OF SOIL FOR HYDROMETER ANALYSIS = N/A (gm)

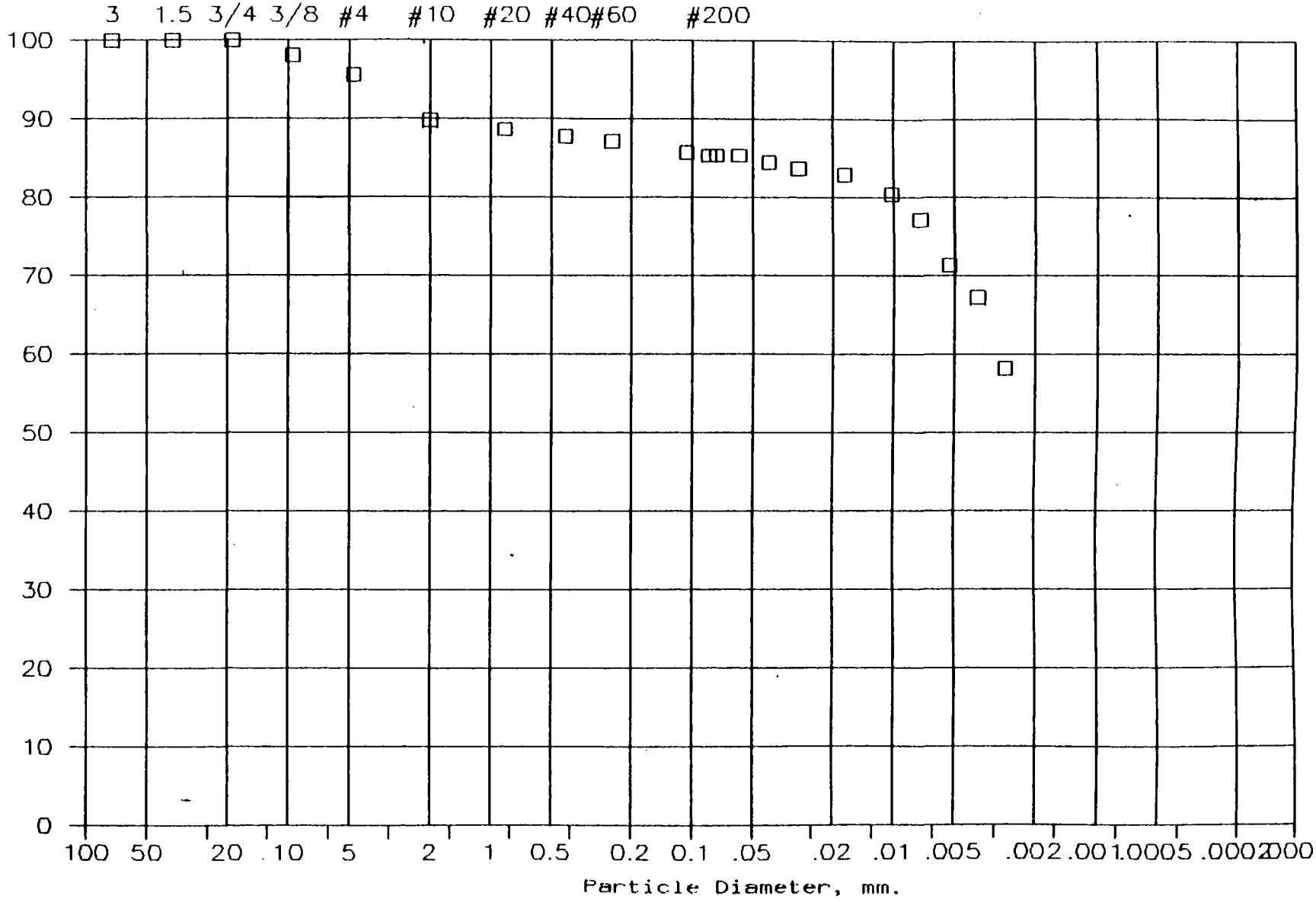
VISCOSITY OF WATER = N/A (millipoises)

D60= 0.8612 CU= 5.6

D30= 0.4626 CZ= 1.6

D10= 0.1548

BLUFF RD Project No.: 408619



COBBLES	GRAVEL		SAND			SILT AND CLAY	
	COARSE	FINE	COARSE	MEDIUM	FINE	SILT SIZE	CLAY SIZE

BORING	SAMPLE ID	DEPTH	SOIL DESCRIPTION	USCS	WC%	PI	LL
MW-7C	GT-6	90-91.5FT	GRAY CLAY TRACE OF SAND	CH	24.2	35.0	62.0

3 10 013554

3 10 01355

GRAIN SIZE ANALYSIS

PROJECT NAME: BLUFF RD

BORING NO.: MW-7C

PROJECT NO.: 408619

DEPTH: 90-91.5FT.

SAMPLE NO.: GT-6

SPEC. GRAV. 2.72 ASSUMED

==========SIEVE ANALYSIS==========

SIEVE NO.	DIAMETER (mm)	PERCENT FINER (%)
3.0 in.	75.000	100.0
1.5 in.	37.500	100.0
0.75 in.	19.000	100.0
0.375 in.	9.500	98.1
NO. 4	4.750	95.7
NO. 10	2.000	89.9
NO. 20	0.850	88.6
NO. 40	0.425	87.8
NO. 60	0.250	87.2
NO. 140	0.106	85.8
NO. 200	0.075	85.4

==========HYDROMETER ANALYSIS==========

DIAMETER (mm)	PERCENT FINER %	CORRECTED PERCENT %
0.0822	91.1	85.4
0.0581	91.1	85.4
0.0412	90.2	84.6
0.0293	89.3	83.7
0.0175	88.4	82.9
0.0102	85.8	80.5
0.0073	82.3	77.2
0.0053	76.2	71.4
0.0038	71.8	67.3
0.0028	62.2	58.3
0.0012	43.8	41.0

CORRECTION FACTOR = 0.938

WEIGHT OF SOIL FOR SIEVE ANALYSIS = 115.18 (gm)

WEIGHT OF SOIL FOR HYDROMETER ANALYSIS = 40.59 (gm)

VISCOSITY OF WATER = 9.84 (millipoises)

D60= NOT CALC

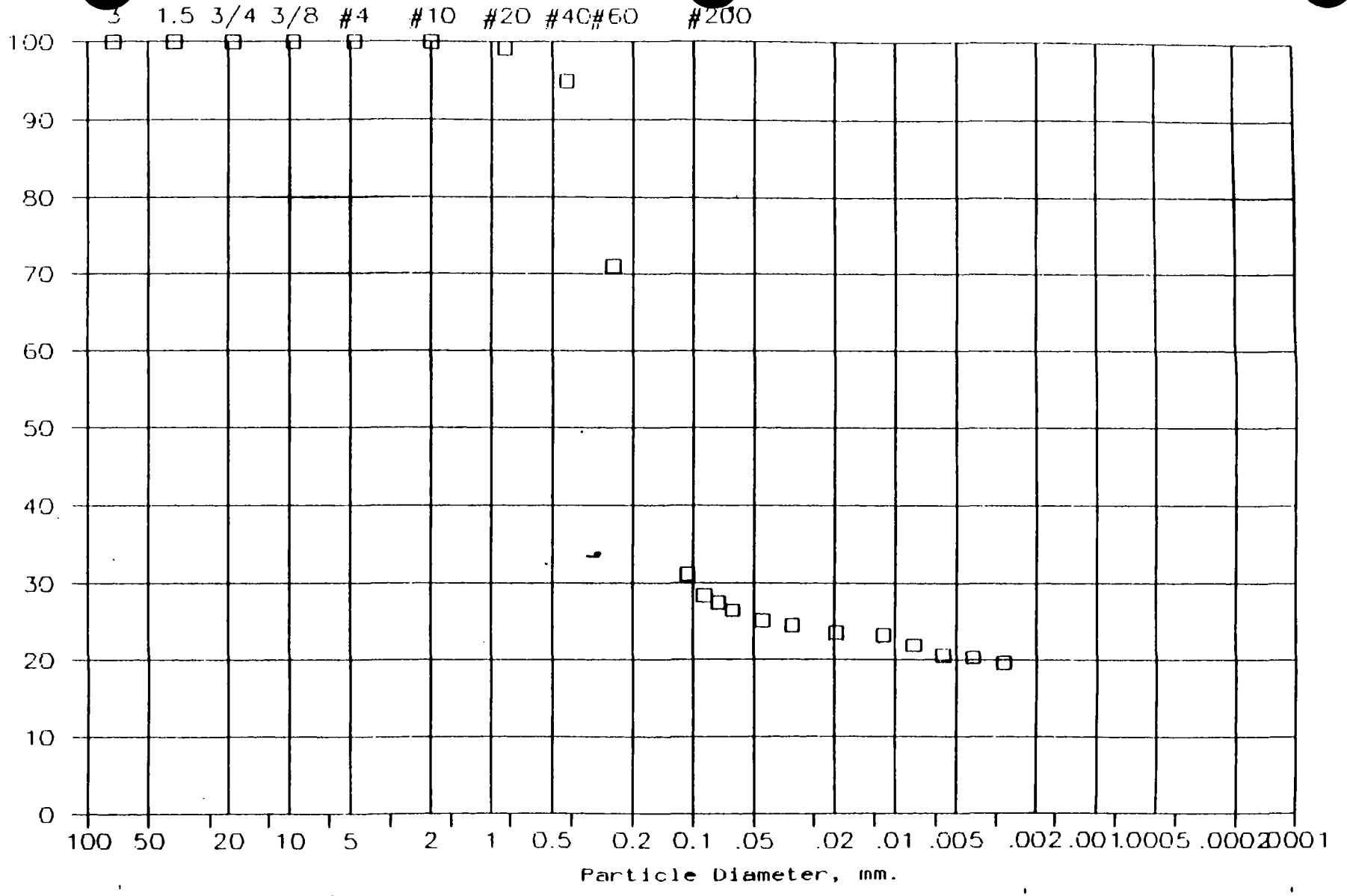
D30= NOT CALC

D10= NOT CALC

CU= NOT CALC

CZ= NOT CALC

KNOXVILLE/ BLUFF RD. Project No.: 408619



COBBLES	GRAVEL		SAND			SILT AND CLAY	
	COARSE	FINE	COARSE	MEDIUM	FINE	SILT SIZE	CLAY SIZE

BORING	SAMPLE ID	DEPTH	SOIL DESCRIPTION	USCS	WC%		
B II A	B II A	5.0-7.0	LIGHT BROWN SAND SOME SILT	SC	18.7		

3 10 01556

3 10 01357

GRAIN SIZE ANALYSIS

F ECT NAME: IT KNOXVILLE/ BLUFF RD. BORING NO.: B 11 A

PROJECT NO.: 408619 DEPTH: 5.0-7.0

SAMPLE NO.: B 11 A SPEC. GRAV. 2.65 ASSUMED

==========SIEVE ANALYSIS==========

SIEVE NO.	DIAMETER (mm)	PERCENT FINER (%)
3.0 in.	75.000	100.0
1.5 in.	37.500	100.0
0.75 in.	19.000	100.0
0.375 in.	9.500	100.0
NO. 4	4.750	100.0
NO. 10	2.000	100.0
NO. 20	0.850	99.2
NO. 40	0.425	95.0
NO. 60	0.250	71.1
NO. 140	0.106	31.2
NO. 200	0.075	27.4

==========HYDROMETER ANALYSIS==========

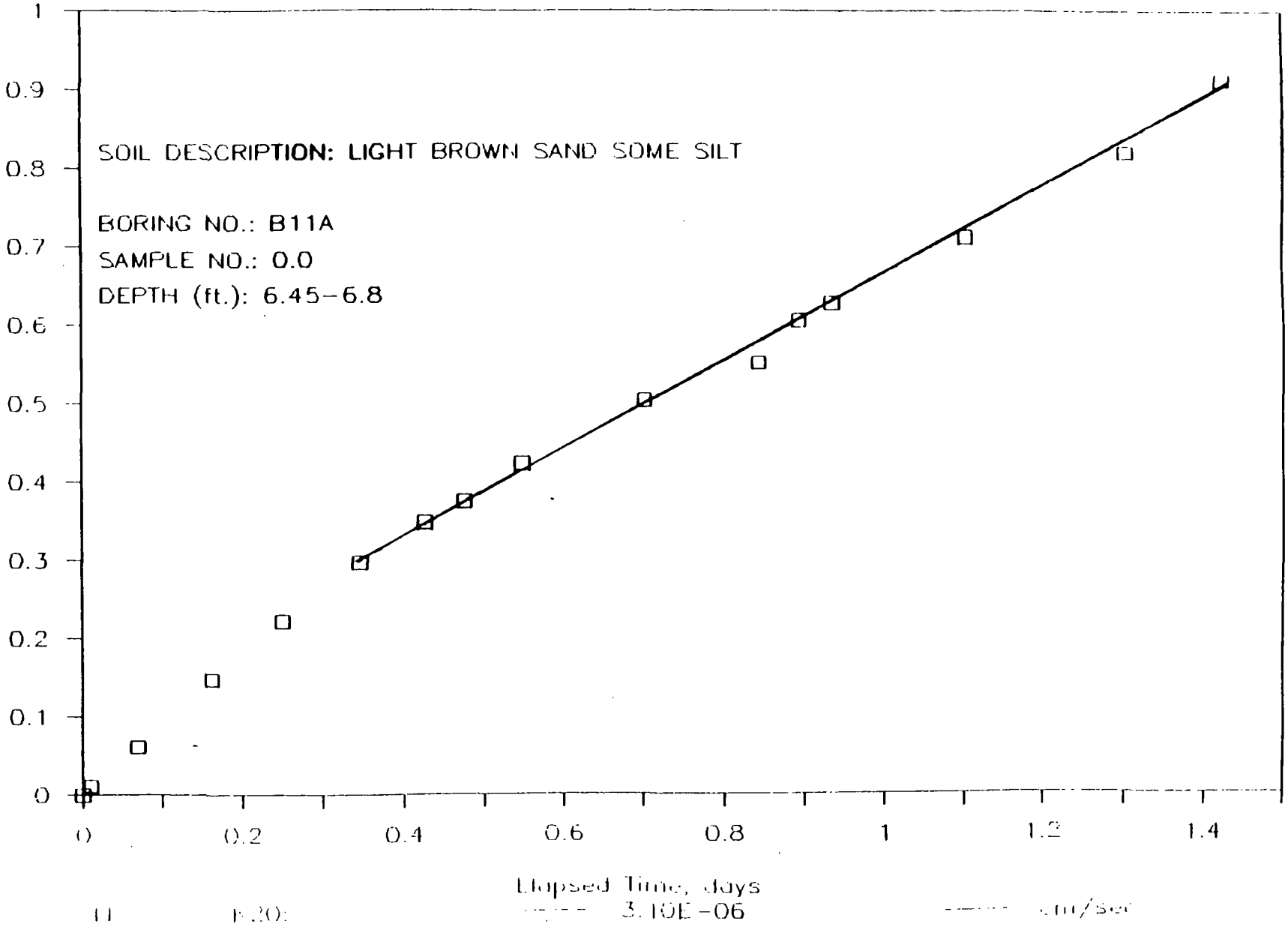
DIAMETER (mm)	PERCENT FINER %	CORRECTED PERCENT %
0.0879	32.0	28.4
0.0633	29.8	26.4
0.0453	28.4	25.2
0.0322	27.6	24.5
0.0196	26.5	23.5
0.0113	26.2	23.2
0.0081	24.7	21.9
0.0058	23.3	20.6
0.0041	22.9	20.3
0.0029	22.2	19.7
0.0012	19.3	17.1

CORRECTION FACTOR = 0.887
WEIGHT OF SOIL FOR SIEVE ANALYSIS = 110.4 (gm)
WEIGHT OF SOIL FOR HYDROMETER ANALYSIS = 110.4 (gm)
VISCOSITY OF WATER = 9.656 (millipoises)

D60= NOT CALC CU= NOT CALC
D30= NOT CALC CZ= NOT CALC
D10= NOT CALC

PERMEABILITY TESTING

IT KNOXVILLE/BLUFF RD 408619



3 10 01358

3 10 01359

PERMEABILITY TESTING

PERMEABILITY TESTING WITH: 0.01N CALCIUM SULFATE

PROJECT NAME:	IT KNOXVILLE/BLUFF RD	TEST NO.:	T-1
PROJECT NO.:	408619	CELL NO.:	C-694
BORING NO.:	B11A	LOCATION IN CELL:	P-1
SAMPLE NO.:	U		
DEPTH (ft):	6.45-6.8		
		SPECIFIC GRAVITY: (assumed)	2.65
CELL PRESSURE (kg/cm2):	1.00		
BASE PRESSURE (kg/cm2):	0.50		
TOP PRESSURE (kg/cm2):	0.00	AVERAGE GRADIENT:	67
AVERAGE EFFECTIVE STRESS (kg/cm2):	0.750		

SOIL DESCRIPTION: LIGHT BROWN SAND SOME SILT

INITIAL SAMPLE CONDITIONS		FINAL SAMPLE CONDITIONS	
AVERAGE LENGTH (in):	6.152	AVERAGE LENGTH (in):	6.191
AVERAGE DIAMETER (in):	2.873	AVERAGE DIAMETER (in):	2.876
AVERAGE AREA (sq.in.):	6.481	AVERAGE AREA (sq.in.):	6.493
WATER CONTENT (%):	22.3	WATER CONTENT (%):	19.6
WET WEIGHT (g):	886.6	DRY DENSITY (pcf):	101.2
DRY WEIGHT (g):	723.1	PORE VOLUME (cc):	173
VOLUME (cm3):	441.0		
DRY DENSITY (pcf):	102.3		
PORE VOLUME (cc):	168		

ELAPSED TIME (days)	TOTAL FLOW (cc)
0	0
0.0097	11.2
0.0694	61.0
0.1618	147.2
0.1618	147.2
0.2507	221.6
0.2507	221.6
0.3465	296.6
0.4264	347.6
0.4757	375.4
0.4757	375.4
0.5479	423.0
0.7014	503.1
0.8431	550.7
0.8431	550.7
0.8924	604.4
0.9341	627.1
1.1008	710.7
1.1008	710.7
1.3022	818.1
1.4237	911.9

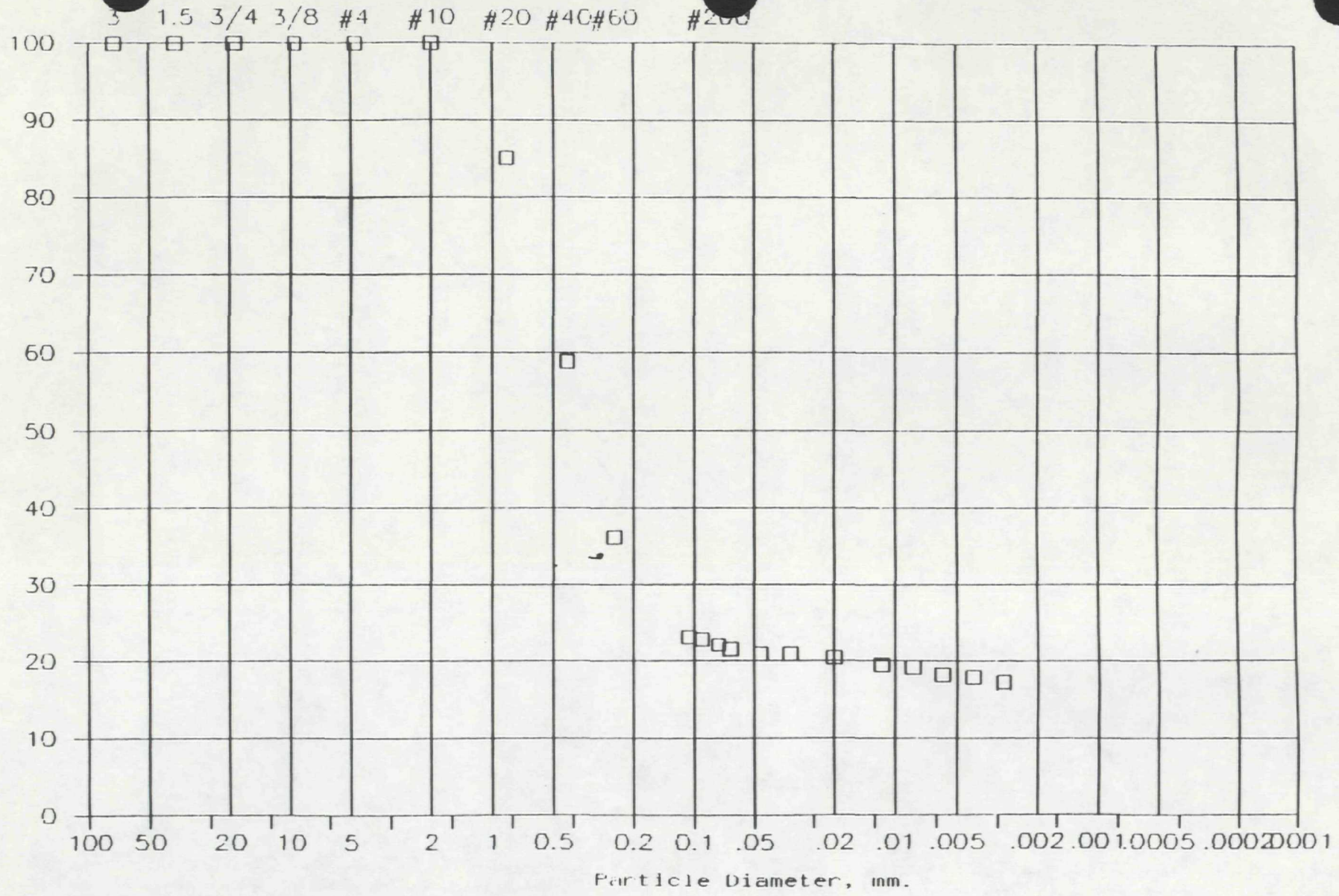
PERMEABLITY CALCULATION

T1: 0.3465 T2: 1.4237

K:3.33E-06 cm/sec

K20:3.10E-06 cm/sec

IT KNOXVILLE/ BLUFF RD. Project No.: 408619



	GRAVEL		SAND			SILT AND CLAY	
	COARSE	FINE	COARSE	MEDIUM	FINE	SILT SIZE	CLAY SIZE

BORING	SAMPLE ID	DEPTH	SOIL DESCRIPTION	USCS	WC%	
B 11 A	B 11 A	9.0-11.0	WHITE SAND SOME SILT	SC	18.5	

3 10 01360

3 10 01361

GRAIN SIZE ANALYSIS

P. ECT NAME: IT KNOXVILLE/ BLUFF RD.
BORING NO.: B 11 A

PROJECT NO.: 408619
DEPTH: 9.0-11.0

SAMPLE NO.: B 11 A
SPEC. GRAV. 2.65 ASSUMED

==========SIEVE ANALYSIS==========

SIEVE NO.	DIAMETER (mm)	PERCENT FINER (%)
3.0 in.	75.000	100.0
1.5 in.	37.500	100.0
0.75 in.	19.000	100.0
0.375 in.	9.500	100.0
NO. 4	4.750	100.0
NO. 10	2.000	99.9
NO. 20	0.850	85.1
NO. 40	0.425	58.9
NO. 60	0.250	36.3
NO. 140	0.106	23.1
NO. 200	0.075	22.1

==========HYDROMETER ANALYSIS==========

DIAMETER (mm)	PERCENT FINER %	CORRECTED PERCENT %
0.0910	27.3	22.8
0.0651	25.8	21.6
0.0463	25.1	21.0
0.0327	25.1	21.0
0.0199	24.4	20.4
0.0116	23.3	19.5
0.0082	22.9	19.2
0.0059	21.9	18.3
0.0042	21.5	18.0
0.0030	20.8	17.4
0.0012	20.1	16.8

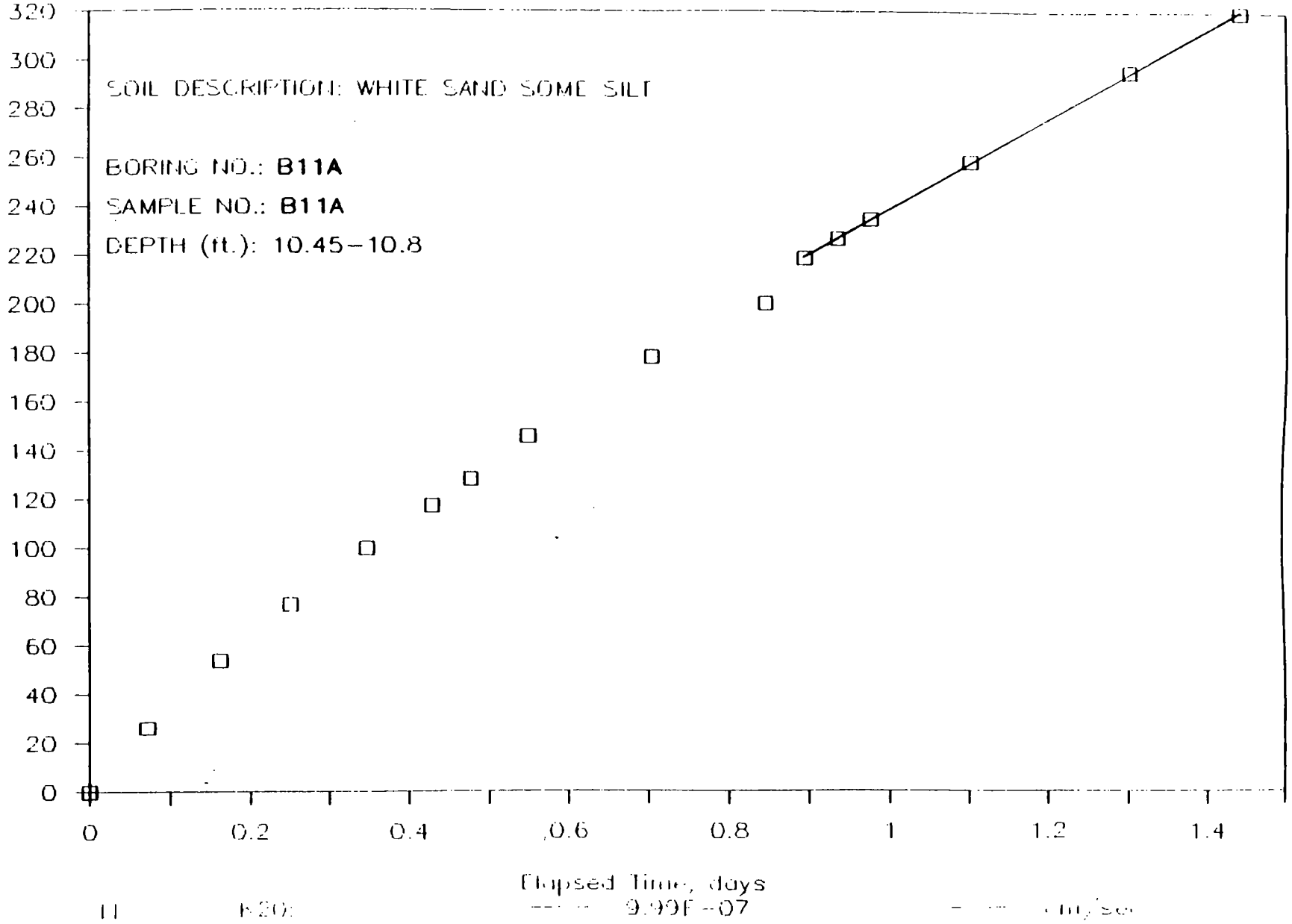
CORRECTION FACTOR = 0.836
WEIGHT OF SOIL FOR SIEVE ANALYSIS = 111.97 (gm)
WEIGHT OF SOIL FOR HYDROMETER ANALYSIS = 111.97 (gm)
VISCOSITY OF WATER = 9.656 (millipoises)

D60= NOT CALC
D30= NOT CALC
D10= NOT CALC

CU= NOT CALC
CZ= NOT CALC

PERMEABILITY TESTING

IT KNOXVILLE/BLUFF RD 408619



3 10 01362

3 10 01363

PERMEABILITY TESTING

PERMEABILITY TESTING WITH: 0.01N CALCIUM SULFATE

PROJECT NAME:	IT KNOXVILLE/BLUFF RD	TEST NO.:	T-2
PROJECT NO.:	408619	CELL NO.:	C-696
BORING NO.:	B11A	LOCATION IN CELL:	P-2
SAMPLE NO.:	B11A		
DEPTH (ft):	10.45-10.8		
		SPECIFIC GRAVITY:	2.65
		(assumed)	
CELL PRESSURE (kg/cm2):	1.00		
BASE PRESSURE (kg/cm2):	0.50		
TOP PRESSURE (kg/cm2):	0.00	AVERAGE GRADIENT:	48
AVERAGE EFFECTIVE STRESS (kg/cm2):	0.750		

SOIL DESCRIPTION: WHITE SAND SOME SILT

INITIAL SAMPLE CONDITIONS		FINAL SAMPLE CONDITIONS	
AVERAGE LENGTH (in):	6.135	AVERAGE LENGTH (in):	6.111
AVERAGE DIAMETER (in):	2.871	AVERAGE DIAMETER (in):	2.875
AVERAGE AREA (sq.in.):	6.669	AVERAGE AREA (sq.in.):	6.689
WATER CONTENT (%):	18.5	WATER CONTENT (%):	17.9
WET WEIGHT (g):	901.5	DRY DENSITY (pcf):	108.6
DRY WEIGHT (g):	760.5	PORE VOLUME (cc):	150
VOLUME (cm3):	438.3		
DRY DENSITY (pcf):	108.3		
PORE VOLUME (cc):	151		

ELAPSED TIME (days)	TOTAL FLOW (cc)
0	0
0.0701	26.1
0.1625	56.0
0.1625	56.0
0.2514	76.9
0.2514	76.9
0.3665	99.9
0.4271	117.2
0.4757	128.5
0.4757	128.5
0.5486	145.9
0.7014	178.4
0.8431	200.4
0.8431	200.4
0.8917	218.7
0.9334	227.1
0.9751	236.7
1.1001	258.3
1.1001	258.3
1.3008	295.6
1.4418	320.0

PERMEABLITY CALCULATION

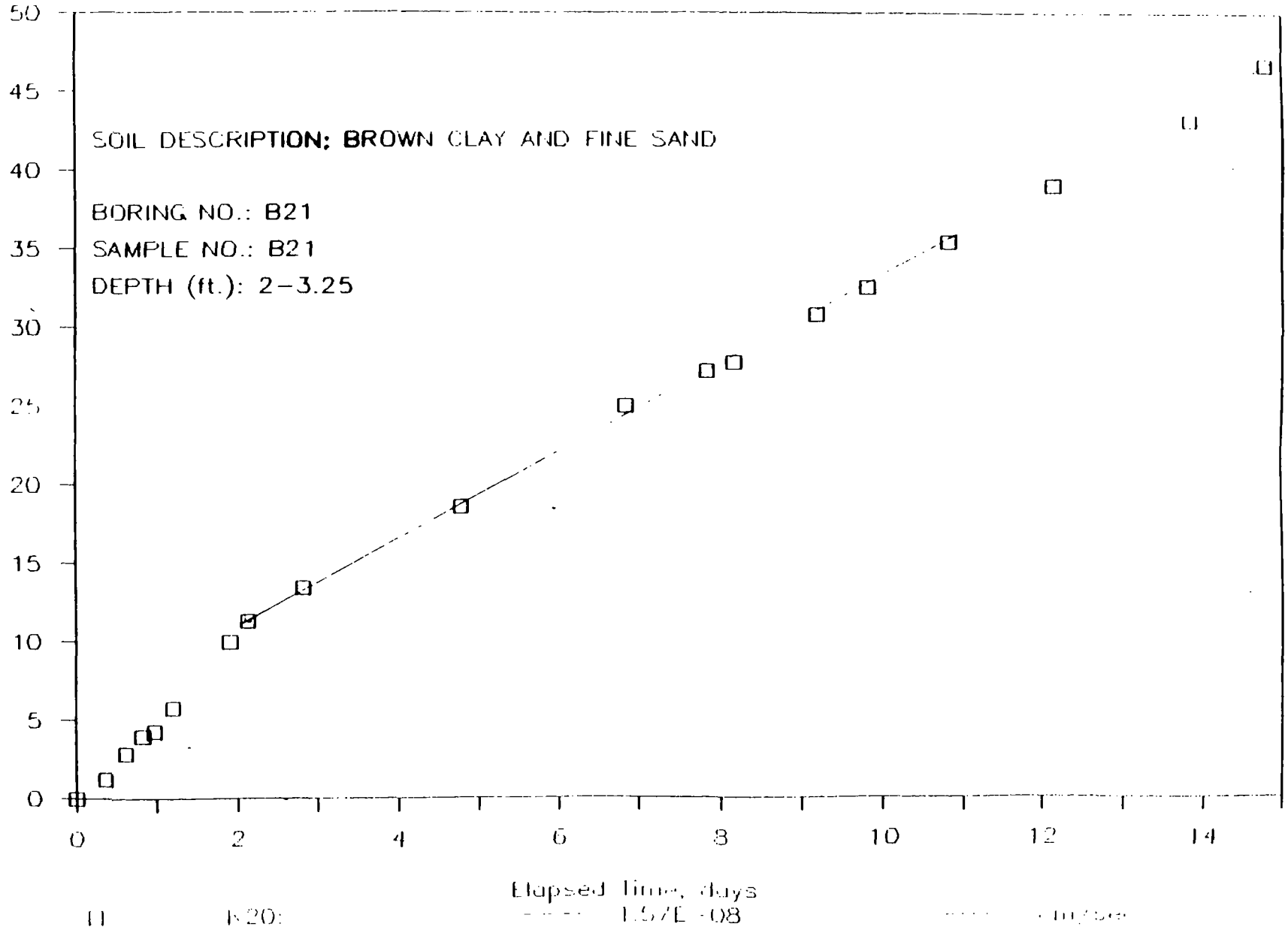
T1: 0.8917 T2: 1.3008

K:1.07E-06 cm/sec

K20:9.99E-07 cm/sec

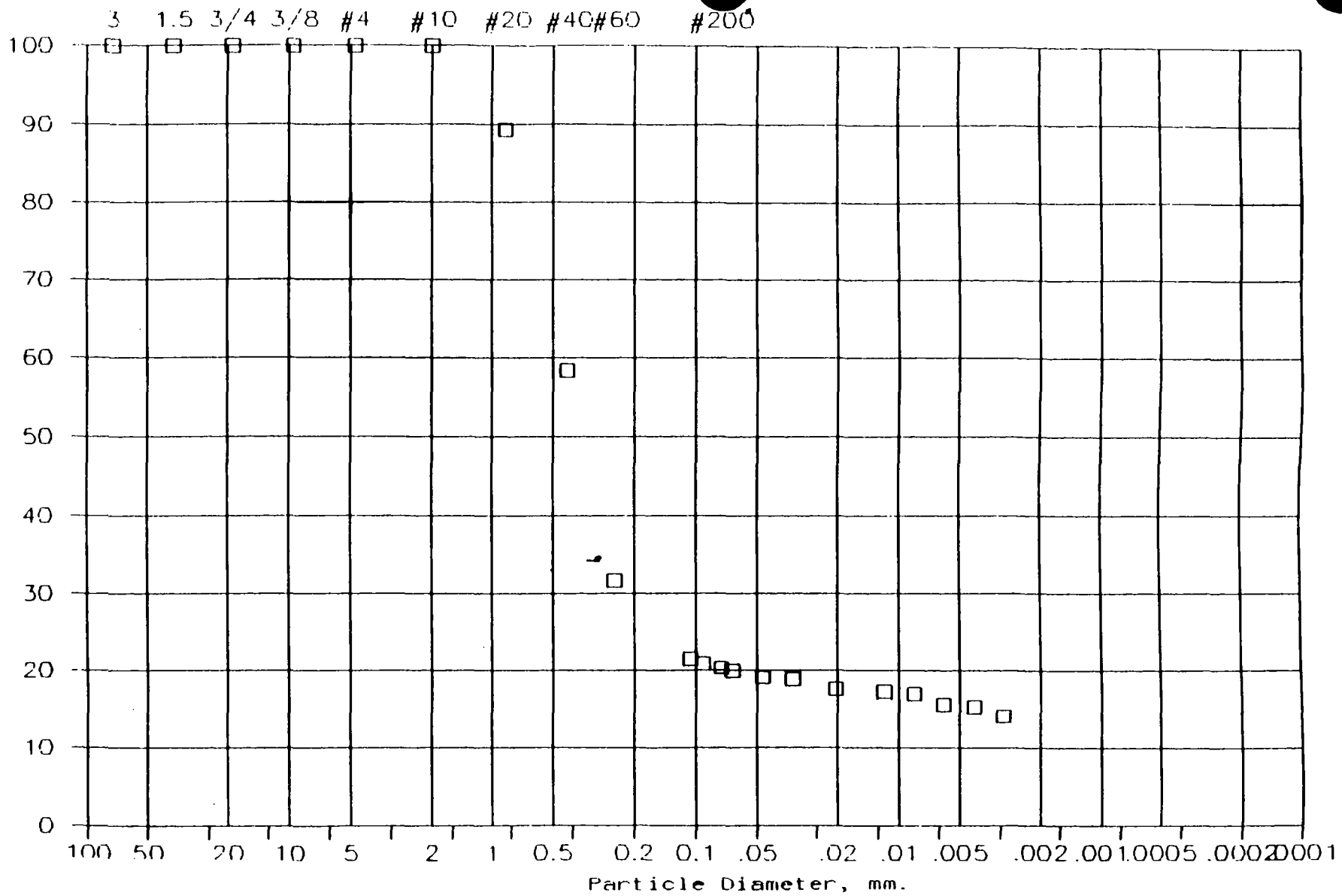
PERMEABILITY TESTING

IT KNOXVILLE/BLUFF RD 408619



3 10 01364

IT JOXVILLE/ BLUFF RD. Project No.: 408619



3 10 01365

COBBLES	GRAVEL		SAND			SILT AND CLAY	
	COARSE	FINE	COARSE	MEDIUM	FINE	SILT SIZE	CLAY SIZE

BORING	SAMPLE ID	DEPTH	SOIL DESCRIPTION	USCS	WC%	PI	LL
B-21	B-21	2.0-3.25	BROWN CLAY AND FINE SAND	CL	23.3	34.0	49.0

3 10 01366

GRAIN SIZE ANALYSIS

R :T NAME: IT KNOXVILLE/ BLUFF RD. BORING NO.: B-21

ROJECT NO.: 408619 DEPTH: 2.0-3.25

AMPLE NO.: B-21 SPEC. GRAV. 2.7 ASSUMED

==========SIEVE ANALYSIS==========

SIEVE NO.	DIAMETER (mm)	PERCENT FINER (%)
3.0 in.	75.000	100.0
1.5 in.	37.500	100.0
0.75 in.	19.000	100.0
0.375 in.	9.500	100.0
NO. 4	4.750	100.0
NO. 10	2.000	100.0
NO. 20	0.850	99.8
NO. 40	0.425	99.0
NO. 60	0.250	91.1
NO. 140	0.106	62.7
NO. 200	0.075	53.9

==========HYDROMETER ANALYSIS==========

DIAMETER (mm)	PERCENT FINER %	CORRECTED PERCENT %
0.0828	63.1	55.6
0.0605	56.9	50.2
0.0438	51.9	45.8
0.0313	50.1	44.2
0.0191	47.0	41.5
0.0113	42.7	37.6
0.0081	40.2	35.5
0.0057	39.6	34.9
0.0040	39.6	34.9
0.0029	35.9	31.6
0.0012	34.6	30.5

CORRECTION FACTOR = 0.882
WEIGHT OF SOIL FOR SIEVE ANALYSIS = 64.23 (gm)
WEIGHT OF SOIL FOR HYDROMETER ANALYSIS = 64.23 (gm)
VISCOSITY OF WATER = 9.656 (millipoises)

D60= NOT CALC CU= NOT CALC
D30= NOT CALC CZ= NOT CALC
D10= NOT CALC

3 10 01367

PERMEABILITY TESTING

PERMEABILITY TESTING WITH: 0.01N CALCIUM SULFATE

PROJECT NAME:	IT KNOXVILLE/BLUFF RD	TEST NO.:	T-3
PROJECT NO.:	408619	CELL NO.:	C-696
BORING NO.:	B21	LOCATION IN CELL:	P-3
SAMPLE NO.:	B21		
DEPTH (ft):	2-3.25		
		SPECIFIC GRAVITY: (assumed)	2.65
CELL PRESSURE (kg/cm2):	1.00		
BASE PRESSURE (kg/cm2):	0.50		
TOP PRESSURE (kg/cm2):	0.00	AVERAGE GRADIENT:	66
AVERAGE EFFECTIVE STRESS (kg/cm2):	0.750		

SOIL DESCRIPTION: BROWN CLAY AND FINE SAND

INITIAL SAMPLE CONDITIONS		FINAL SAMPLE CONDITIONS	
AVERAGE LENGTH (in):	4.294	AVERAGE LENGTH (in):	4.297
AVERAGE DIAMETER (in):	2.879	AVERAGE DIAMETER (in):	2.867
AVERAGE AREA (sq.in.):	6.507	AVERAGE AREA (sq.in.):	6.451
WATER CONTENT (%):	23.3	WATER CONTENT (%):	20.0
WET WEIGHT (g):	910.4	DRY DENSITY (pcf):	101.4
DRY WEIGHT (g):	738.4	PORE VOLUME (cc):	176
VOLUME (cm3):	457.8		
DRY DENSITY (pcf):	100.6		
PORE VOLUME (cc):	179		

ELAPSED TIME (days)	TOTAL FLOW (cc)
0	0
0.3681	1.2
0.3681	1.2
0.6250	2.9
0.6250	2.9
0.8257	4.0
0.9681	4.3
0.9681	4.3
1.2007	5.8
1.9125	10.0
1.9125	10.0
2.1278	11.3
2.8188	13.4
4.7771	18.6
6.8222	25.0
7.8291	27.2
8.1694	27.7
9.1729	30.8
9.8083	32.5
10.8083	35.4
12.1173	39.0
13.8291	43.1

PERMEABLITY CALCULATION

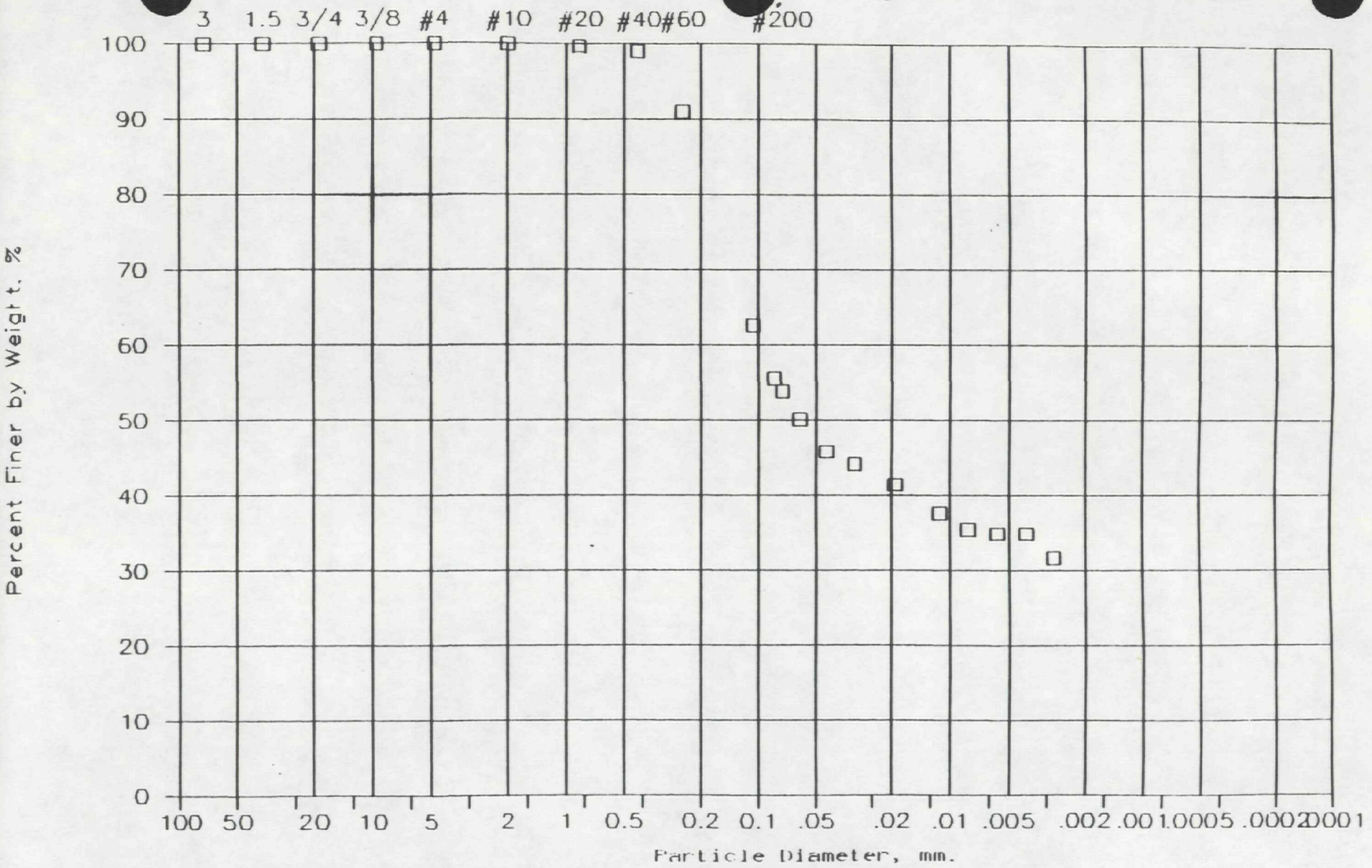
T1: 2.1278 T2: 14.7874

K:1.68E-08 cm/sec

K20:1.57E-08 cm/sec

KNOXVILLE/ BLUFF R... Project No.: 408619

3 10 01368



COBBLES	GRAVEL		SAND			SILT AND CLAY	
	COARSE	FINE	COARSE	MEDIUM	FINE	SILT SIZE	CLAY SIZE

BORING	SAMPLE ID	DEPTH	SOIL DESCRIPTION	USCS	WC%
B-21	B-21	4.5-6.5	LIGHT BROWN SAND SOME SILT		13.8

3 10 01369

GRAIN SIZE ANALYSIS

PROJECT NAME: IT KNOXVILLE/ BLUFF RD.
BORING NO.: B-21

PROJECT NO.: 408619
DEPTH: 4.5-6.5

SAMPLE NO.: B-21
SPEC. GRAV. 2.65 ASSUMED

==========SIEVE ANALYSIS==========

SIEVE NO.	DIAMETER (mm)	PERCENT FINER (%)
3.0 in.	75.000	100.0
1.5 in.	37.500	100.0
0.75 in.	19.000	100.0
0.375 in.	9.500	100.0
NO. 4	4.750	100.0
NO. 10	2.000	100.0
NO. 20	0.850	89.3
NO. 40	0.425	58.4
NO. 60	0.250	31.6
NO. 140	0.106	21.6
NO. 200	0.075	20.3

==========HYDROMETER ANALYSIS==========

DIAMETER (mm)	PERCENT FINER %	CORRECTED PERCENT %
0.0923	25.5	20.8
0.0658	24.4	20.0
0.0469	23.4	19.1
0.0333	23.0	18.8
0.0204	21.6	17.6
0.0118	21.2	17.3
0.0084	20.9	17.0
0.0060	19.1	15.6
0.0042	18.7	15.3
0.0030	17.3	14.1
0.0012	16.5	13.5

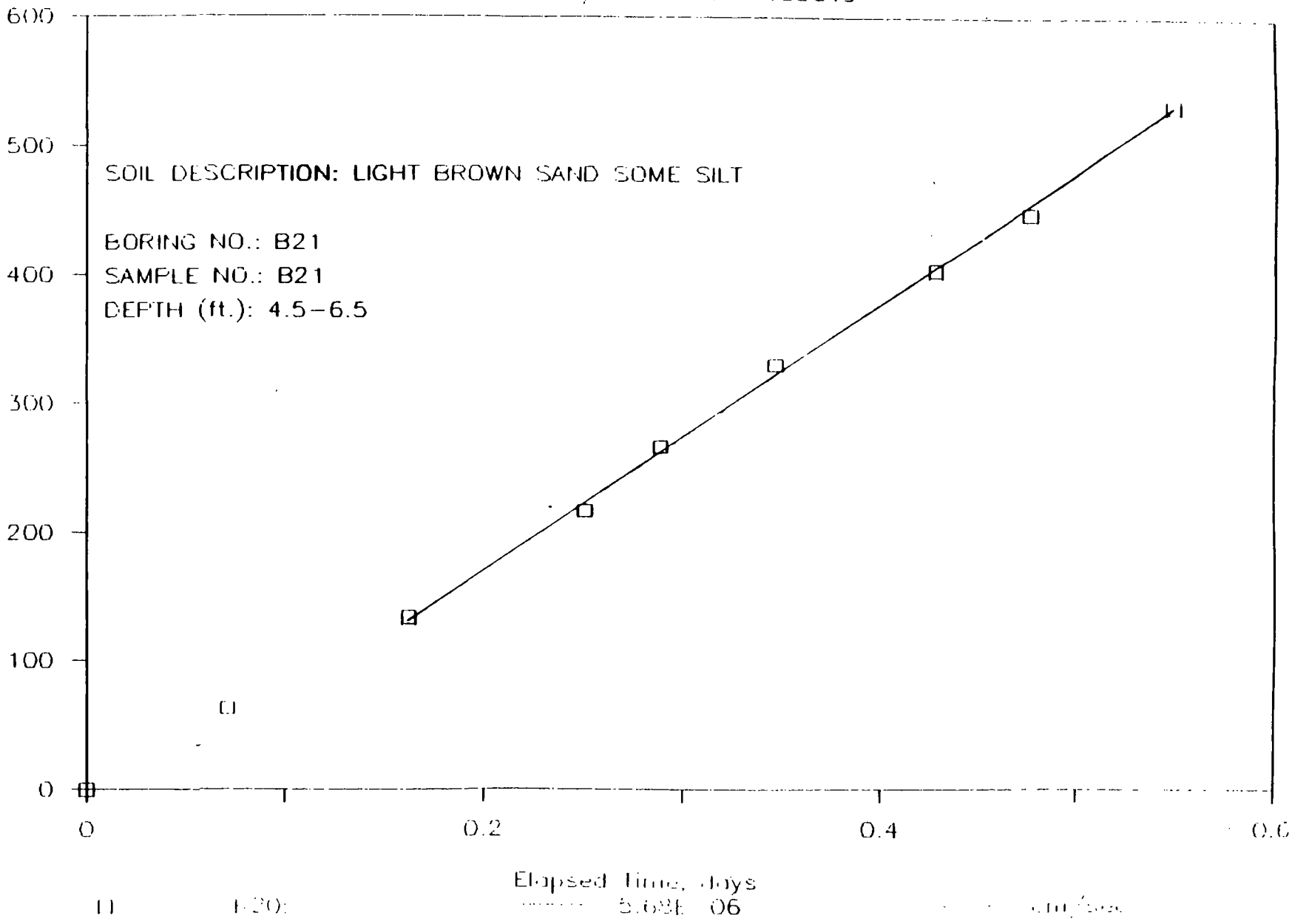
CORRECTION FACTOR = 0.816
WEIGHT OF SOIL FOR SIEVE ANALYSIS = 111.67 (gm)
WEIGHT OF SOIL FOR HYDROMETER ANALYSIS = 111.67 (gm)
VISCOSITY OF WATER = 9.656 (millipoises)

D60= NOT CALC
D30= NOT CALC
D10= NOT CALC

CU= NOT CALC
CZ= NOT CALC

PERMEABILITY TESTING

IT KNOXVILLE/BLUFF RD 408619



3 10 01370

3 10 01371

PERMEABILITY TESTING

PERMEABILITY TESTING WITH: 0.01N CALCIUM SULFATE

PROJECT NAME:	IT KNOXVILLE/BLUFF RD	TEST NO.:	T-6
PROJECT NO.:	408619	CELL NO.:	C-696
BORING NO.:	B21	LOCATION IN CELL:	P-6
SAMPLE NO.:	B21		
DEPTH (ft):	6.5-6.5		
		SPECIFIC GRAVITY:	2.65
		(assumed)	
CELL PRESSURE (kg/cm2):	1.00		
BASE PRESSURE (kg/cm2):	0.50		
TOP PRESSURE (kg/cm2):	0.00	AVERAGE GRADIENT:	66
AVERAGE EFFECTIVE STRESS (kg/cm2):	0.750		

SOIL DESCRIPTION: LIGHT BROWN SAND SOME SILT

INITIAL SAMPLE CONDITIONS		FINAL SAMPLE CONDITIONS	
AVERAGE LENGTH (in):	4.325	AVERAGE LENGTH (in):	4.236
AVERAGE DIAMETER (in):	2.889	AVERAGE DIAMETER (in):	2.875
AVERAGE AREA (sq.in.):	6.553	AVERAGE AREA (sq.in.):	6.689
WATER CONTENT (%):	13.8	WATER CONTENT (%):	12.9
WET WEIGHT (g):	882.0	DRY DENSITY (pcf):	107.4
DRY WEIGHT (g):	775.4	PORE VOLUME (cc):	158
VOLUME (cm3):	466.4		
DRY DENSITY (pcf):	104.2		
PORE VOLUME (cc):	172		

ELAPSED TIME (days)	TOTAL FLOW (cc)
0	0
0.0708	63.2
0.1625	133.9
0.1625	133.9
0.2507	216.9
0.2507	216.9
0.2882	266.5
0.3465	330.5
0.4271	406.3
0.4750	447.3
0.4750	447.3
0.5472	531.7

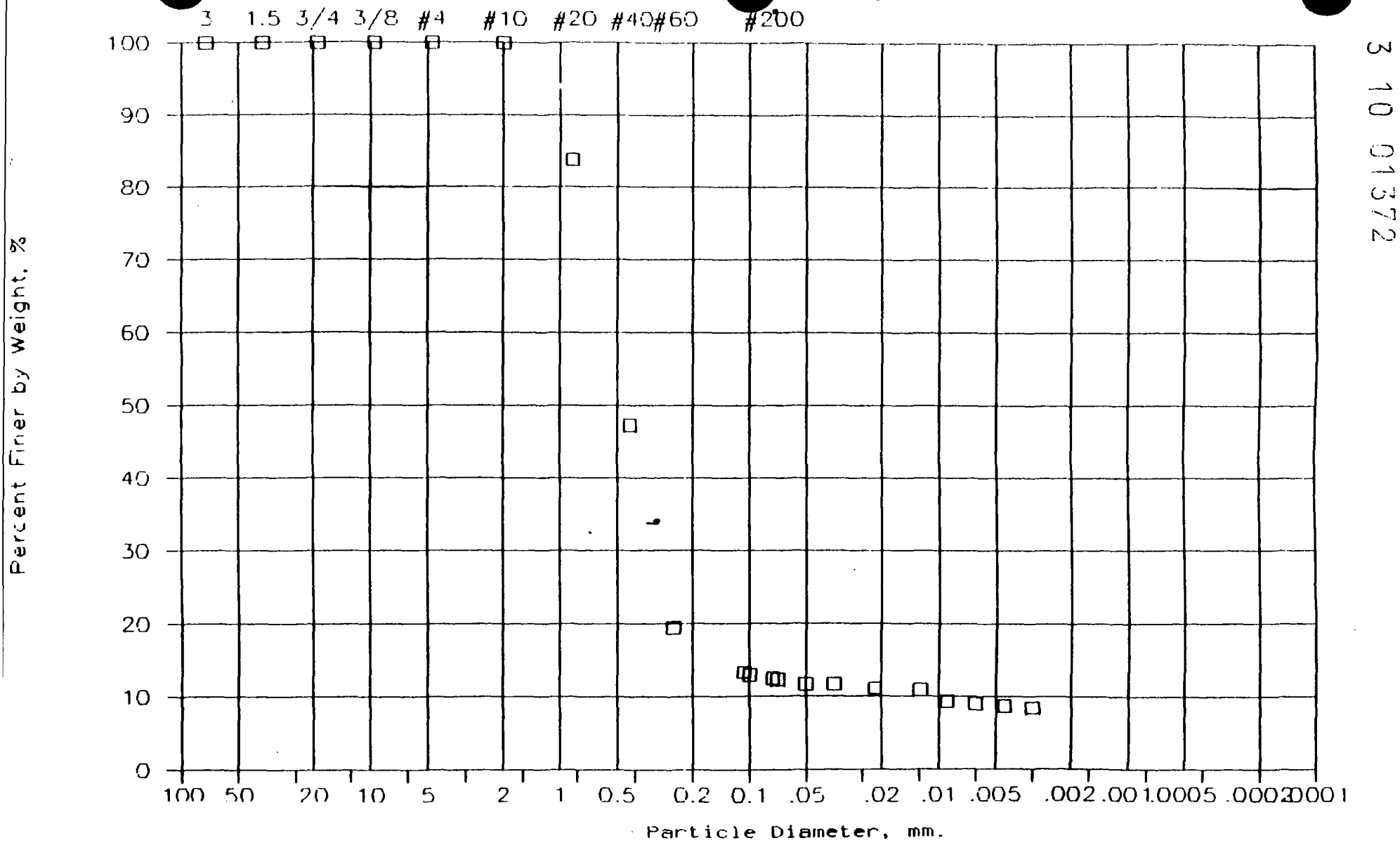
PERMEABLITY CALCULATION

T1: 0.1625 T2: 0.5472

K:6.11E-06 cm/sec

K20:5.68E-06 cm/sec

KNOXVILLE/ BLUFF RL Project No.: 408619



3 10 01372

COBBLES	GRAVEL		SAND			SILT AND CLAY	
	COARSE	FINE	COARSE	MEDIUM	FINE	SILT SIZE	CLAY SIZE

BORING	SAMPLE ID	DEPTH	SOIL DESCRIPTION	USCS	WC%	PI	LL
B-29-A	B-29-A	4.5-6.0	BROWN CLAY AND FINE SAND	CL	20.7	23.0	42.0

3 10 01373

GRAIN SIZE ANALYSIS

NAME: IT KNOXVILLE/ BLUFF RD.

BORING NO.: B-29-A

PROJECT NO.: 408619

DEPTH: 4.5-6.0

SAMPLE NO.: B-29-A

SPEC. GRAV. 2.7 ASSUMED

==========SIEVE ANALYSIS==========

SIEVE NO.	DIAMETER (mm)	PERCENT FINER (%)
3.0 in.	75.000	100.0
1.5 in.	37.500	100.0
0.75 in.	19.000	100.0
0.375 in.	9.500	100.0
NO. 4	4.750	100.0
NO. 10	2.000	100.0
NO. 20	0.850	95.3
NO. 40	0.425	86.1
NO. 60	0.250	76.9
NO. 140	0.106	62.8
NO. 200	0.075	55.0

==========HYDROMETER ANALYSIS==========

DIAMETER (mm)	PERCENT FINER %	CORRECTED PERCENT %
0.0689	55.0	53.2
0.0523	49.0	47.5
0.0388	44.6	43.2
0.0291	38.6	37.4
0.0175	37.9	36.7
0.0105	34.2	33.1
0.0077	29.7	28.8
0.0056	26.7	25.9
0.0040	23.8	23.0
0.0029	21.9	21.2
0.0012	14.9	14.4

CORRECTION FACTOR = 0.969

WEIGHT OF SOIL FOR SIEVE ANALYSIS = 106.91 (gm)

WEIGHT OF SOIL FOR HYDROMETER ANALYSIS = 106.91 (gm)

VISCOSITY OF WATER = 9.656 (millipoises)

D60= NOT CALC

D30= NOT CALC

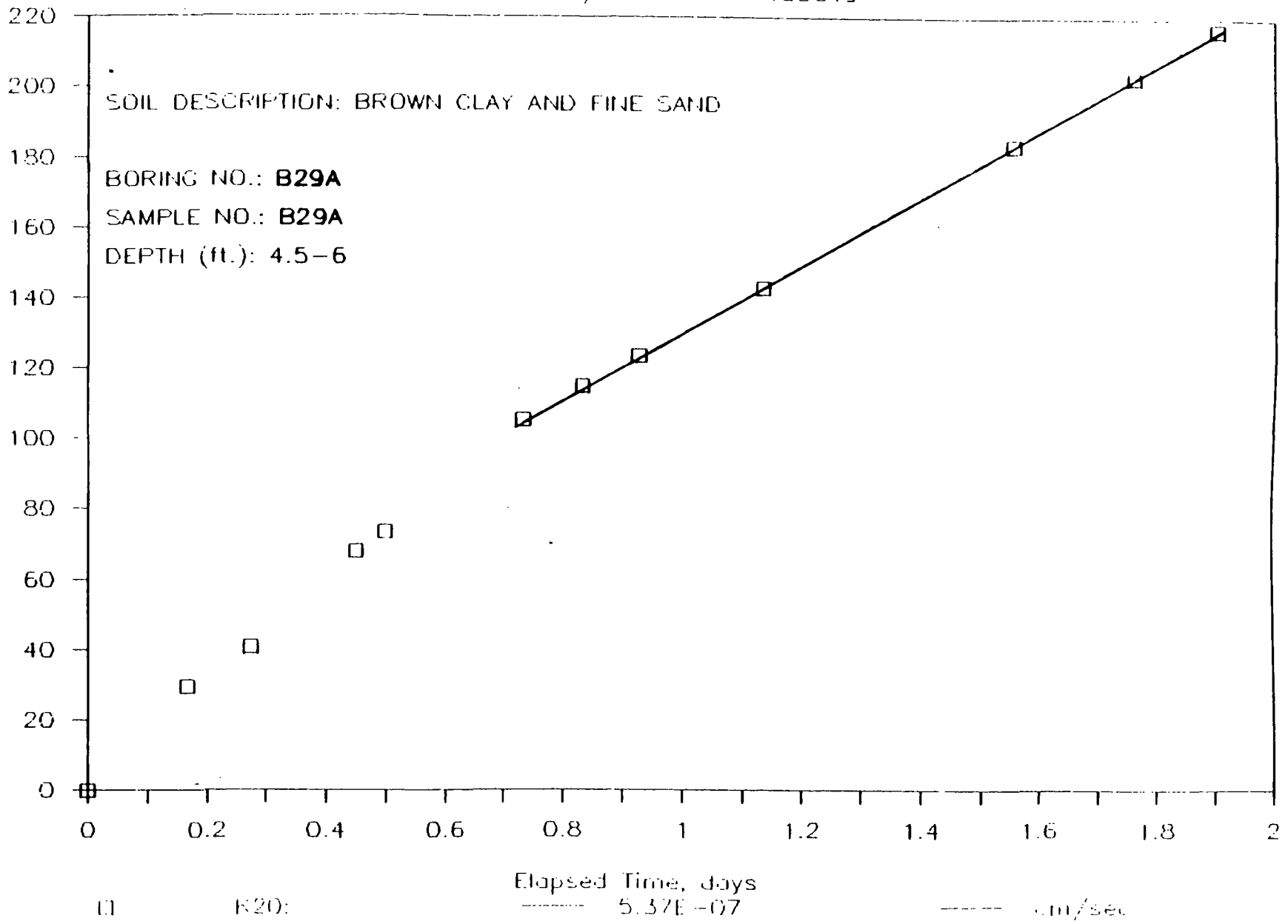
D10= NOT CALC

CU= NOT CALC

CZ= NOT CALC

PERMEABILITY TESTING

IT KNOXVILLE/BLUFF RD . 408619



[illegible] K20: ——— 5.37E-07 ——— cm/sec

3 10 01374

3 10 01375

PERMEABILITY TESTING

PERMEABILITY TESTING WITH: 0.01N CALCIUM SULFATE

PROJECT NAME:	IT KNOXVILLE/BLUFF RD	TEST NO.:	T-5
PROJECT NO.:	408619	CELL NO.:	C-693
BORING NO.:	B29A	LOCATION IN CELL:	P-1
SAMPLE NO.:	B29A		
DEPTH (ft):	4.5-6		
		SPECIFIC GRAVITY:	2.68 (assumed)
CELL PRESSURE (kg/cm2):	1.00		
BASE PRESSURE (kg/cm2):	0.50		
TOP PRESSURE (kg/cm2):	0.00	AVERAGE GRADIENT:	45
AVERAGE EFFECTIVE STRESS (kg/cm2):	0.750		

SOIL DESCRIPTION: BROWN CLAY AND FINE SAND

INITIAL SAMPLE CONDITIONS		FINAL SAMPLE CONDITIONS	
AVERAGE LENGTH (in):	4.268	AVERAGE LENGTH (in):	4.384
AVERAGE DIAMETER (in):	2.869	AVERAGE DIAMETER (in):	2.887
AVERAGE AREA (sq.in.):	6.460	AVERAGE AREA (sq.in.):	6.543
WATER CONTENT (%):	20.7	WATER CONTENT (%):	31.1
WET WEIGHT (g):	813.6	DRY DENSITY (pcf):	89.5
DRY WEIGHT (g):	674.0	PORE VOLUME (cc):	218
VOLUME (cm3):	451.8		
DRY DENSITY (pcf):	93.1		
PORE VOLUME (cc):	200		

ELAPSED TIME (days)	TOTAL FLOW (cc)
0	0
0.1660	29.4
0.2729	40.8
0.2729	40.8
0.4693	67.8
0.4972	73.6
0.4972	73.6
0.7305	105.4
0.8305	115.2
0.9236	123.7
1.1319	143.0
1.5555	183.6
1.7611	203.0
1.9028	217.0

PERMEABLITY CALCULATION

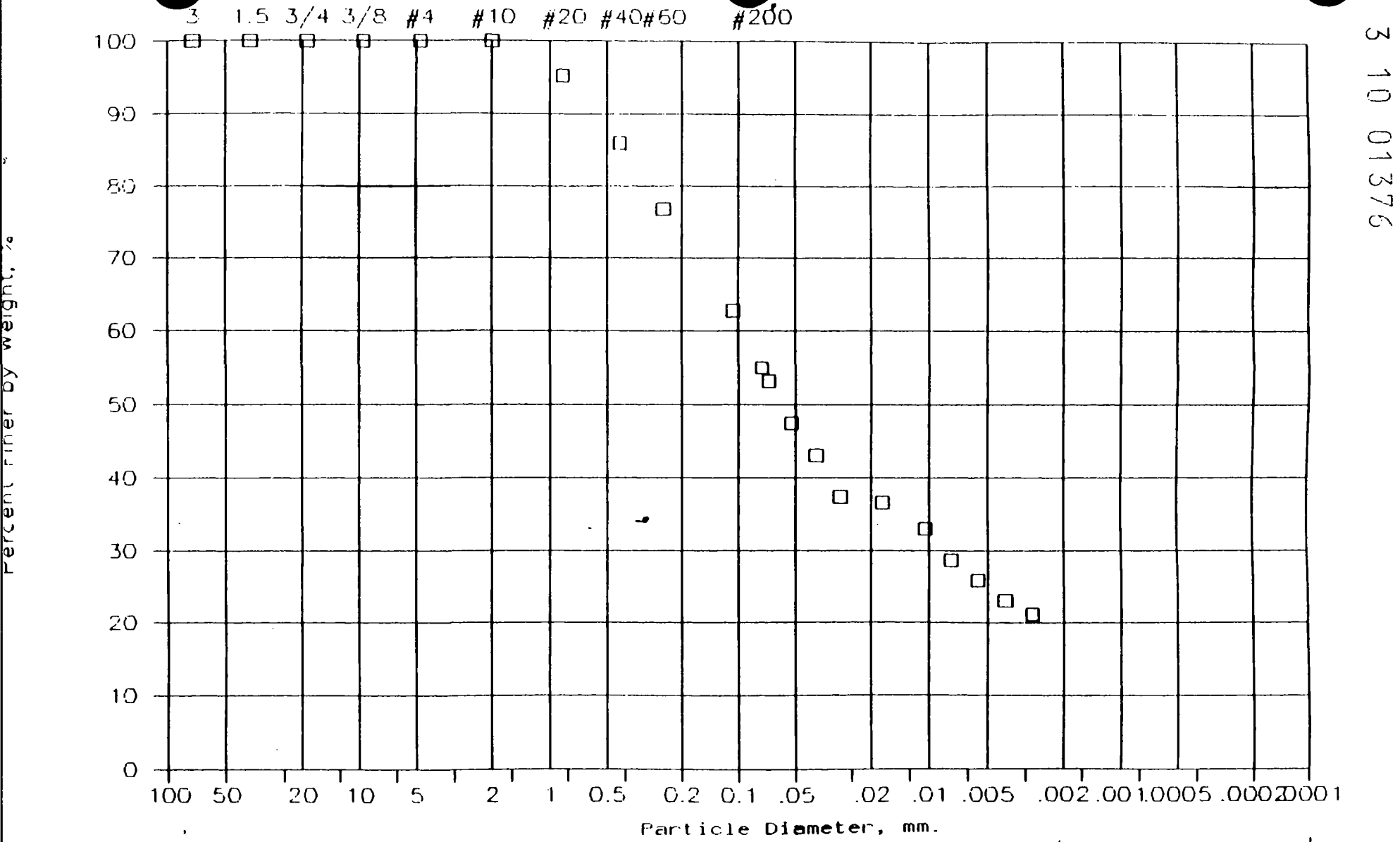
T1: 0.7305 T2: 1.9028

K:5.77E-07 cm/sec

K20:5.37E-07 cm/sec

KNOXVILLE/ BLUFF RD Project No.: 408619

3 10 01376



COBBLES	GRAVEL		SAND			SILT AND CLAY	
	COARSE	FINE	COARSE	MEDIUM	FINE	SILT SIZE	CLAY SIZE

BORING	SAMPLE ID	DEPTH	SOIL DESCRIPTION	USCS	WC%		
B29-A	B-29-A	9.0-11.0	WHITE SAND SOME SILT		21.1		

3 10 01377

GRAIN SIZE ANALYSIS

ROJECT NAME: IT KNOXVILLE/ BLUFF RD.

ROJECT NO.: 408619

AMPLE NO.: B-29-A

BORING NO.: B29-A

DEPTH: 9.0-11.0

SPEC. GRAV. 2.65 ASSUMED

==========SIEVE ANALYSIS==========

SIEVE NO.	DIAMETER (mm)	PERCENT FINER (%)
3.0 in.	75.000	100.0
1.5 in.	37.500	100.0
0.75 in.	19.000	100.0
0.375 in.	9.500	100.0
NO. 4	4.750	100.0
NO. 10	2.000	100.0
NO. 20	0.850	83.9
NO. 40	0.425	47.4
NO. 60	0.250	19.5
NO. 140	0.106	13.3
NO. 200	0.075	12.4

==========HYDROMETER ANALYSIS==========

DIAMETER (mm)	PERCENT FINER %	CORRECTED PERCENT %
0.0990	15.8	12.9
0.0703	15.0	12.3
0.0500	14.3	11.7
0.0353	14.3	11.7
0.0216	13.6	11.1
0.0125	13.3	10.8
0.0089	11.5	9.4
0.0063	11.1	9.1
0.0045	10.7	8.8
0.0032	10.4	8.5
0.0013	10.0	8.2

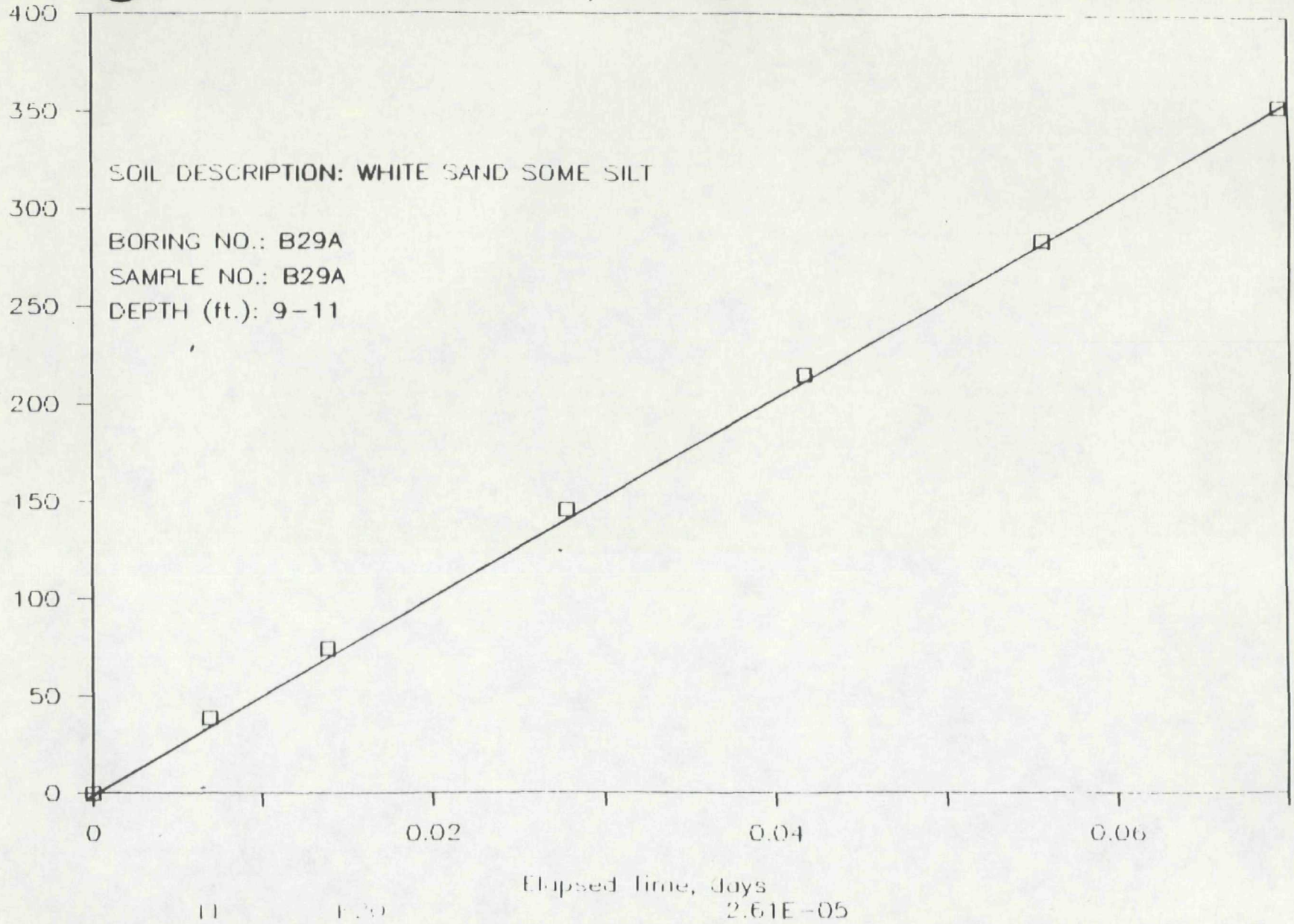
CORRECTION FACTOR = 0.816
WEIGHT OF SOIL FOR SIEVE ANALYSIS = 112.12 (gm)
WEIGHT OF SOIL FOR HYDROMETER ANALYSIS = 112.12 (gm)
VISCOSITY OF WATER = 9.656 (millipoises)

D60= NOT CALC
D30= NOT CALC
D10= NOT CALC

CU= NOT CALC
CZ= NOT CALC

PERMEABILITY TESTING

IT KNOXVILLE/BLUFF ... 408619



2.61E-05

3 10 01378

3 10 01379

PERMEABILITY TESTING

PERMEABILITY TESTING WITH: 0.01N CALCIUM SULFATE

PROJECT NAME:	IT KNOXVILLE/BLUFF RD	TEST NO.:	T-6
PROJECT NO.:	408619	CELL NO.:	C-693
BORING NO.:	B29A	LOCATION IN CELL:	P-2
SAMPLE NO.:	B29A		
DEPTH (ft):	9-11		
		SPECIFIC GRAVITY: (assumed)	2.65
CELL PRESSURE (kg/cm2):	1.00		
BASE PRESSURE (kg/cm2):	0.50		
TOP PRESSURE (kg/cm2):	0.00	AVERAGE GRADIENT:	69
AVERAGE EFFECTIVE STRESS (kg/cm2):	0.750		

SOIL DESCRIPTION: WHITE SAND SOME SILT

INITIAL SAMPLE CONDITIONS		FINAL SAMPLE CONDITIONS	
AVERAGE LENGTH (in):	4.222	AVERAGE LENGTH (in):	4.012
AVERAGE DIAMETER (in):	2.888	AVERAGE DIAMETER (in):	2.898
AVERAGE AREA (sq.in.):	6.547	AVERAGE AREA (sq.in.):	6.591
WATER CONTENT (%):	22.3	WATER CONTENT (%):	17.2
WET WEIGHT (g):	859.4	DRY DENSITY (pcf):	101.2
DRY WEIGHT (g):	702.7	PORE VOLUME (cc):	168
VOLUME (cm3):	453.0		
DRY DENSITY (pcf):	96.8		
PORE VOLUME (cc):	188		

ELAPSED TIME (days)	TOTAL FLOW (cc)
0	0
0.0069	38.4
0.0138	74.4
0.0138	74.4
0.0277	145.6
0.0277	145.6
0.0416	215.0
0.0416	215.0
0.0555	284.5
0.0555	284.5
0.0694	353.9

PERMEABILITY CALCULATION

T1: 0 T2: 0.0694

K:2.81E-05

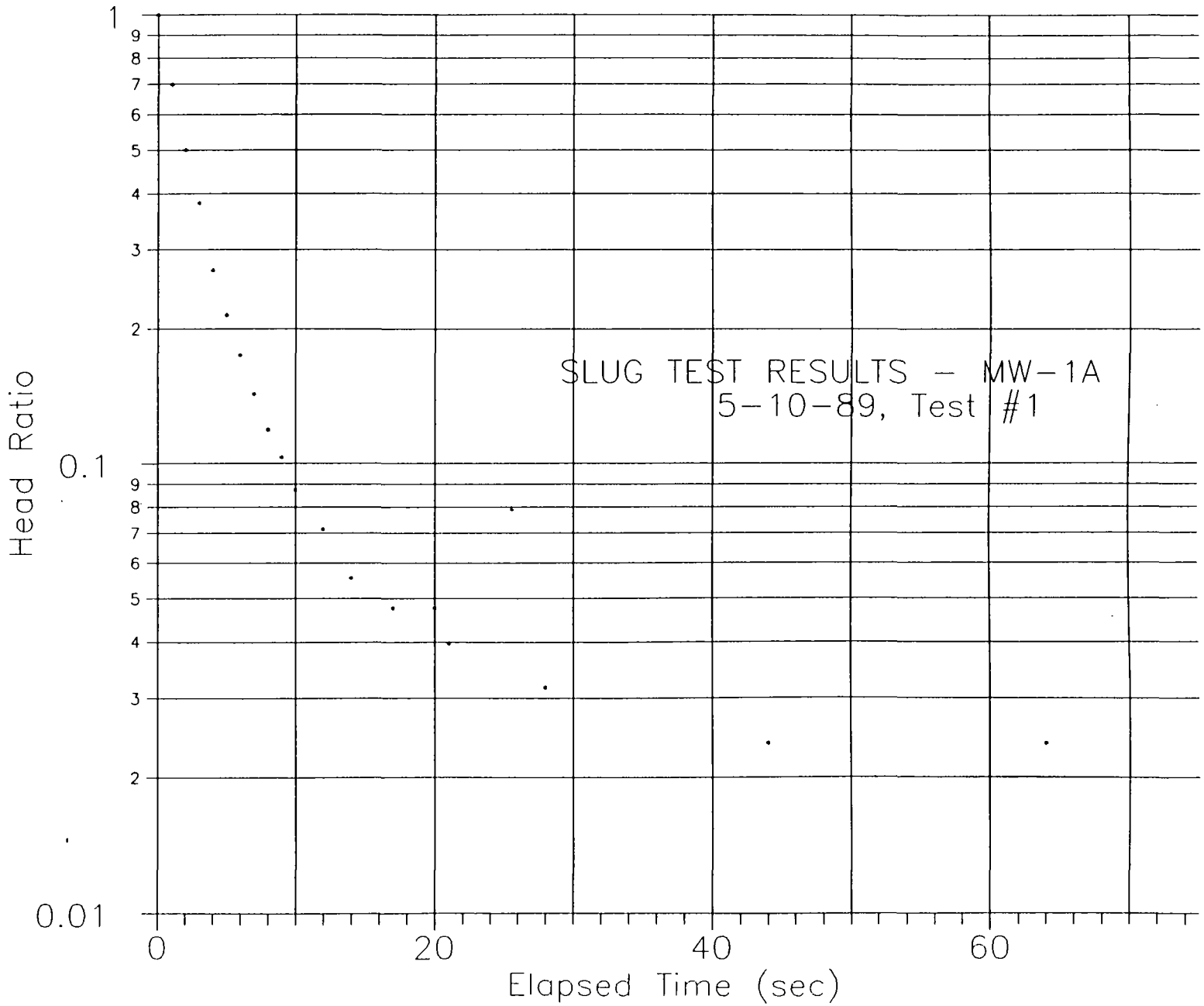
K20:2.61E-05

3 10 01300

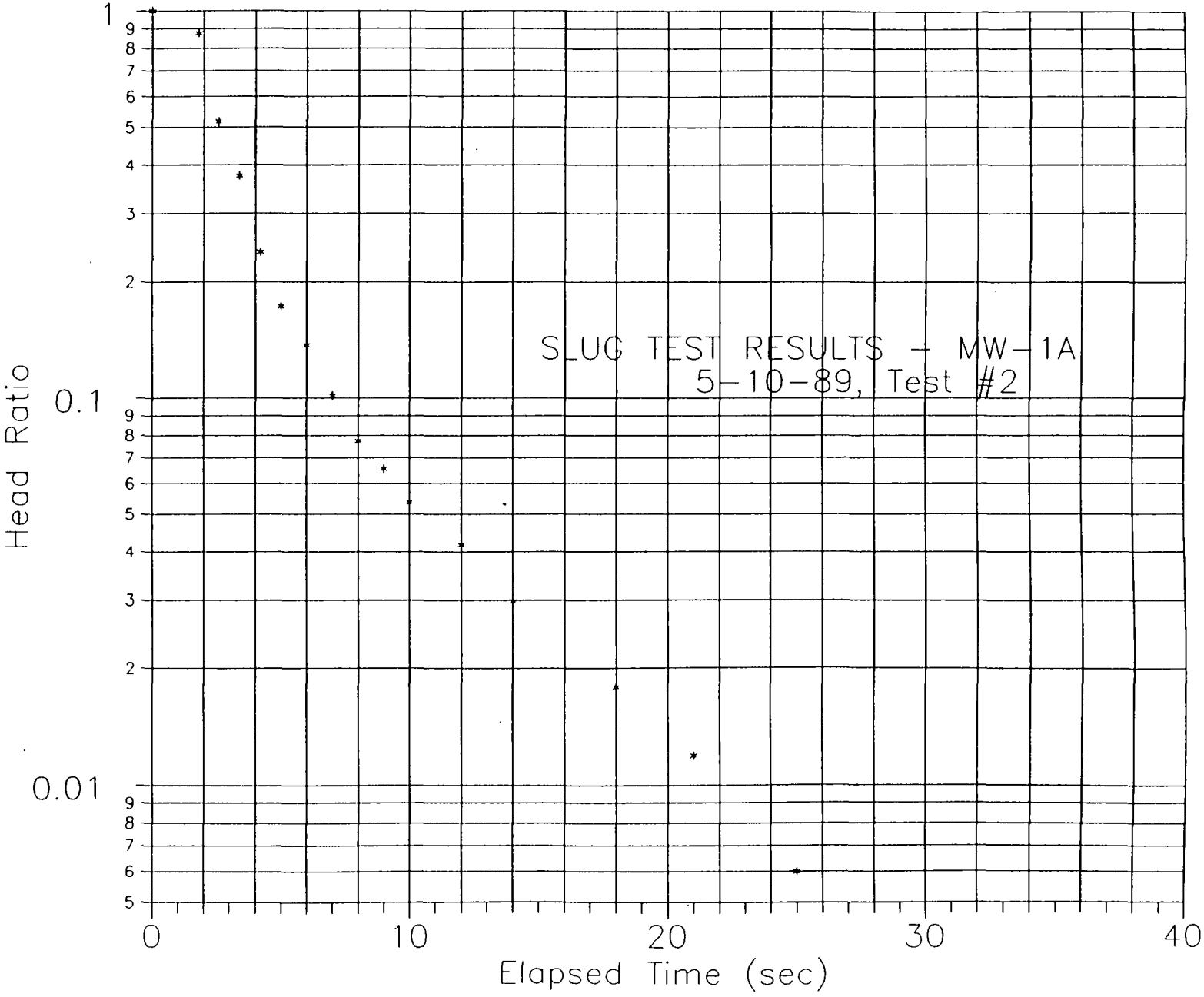
APPENDIX E

SLUG TEST DATA

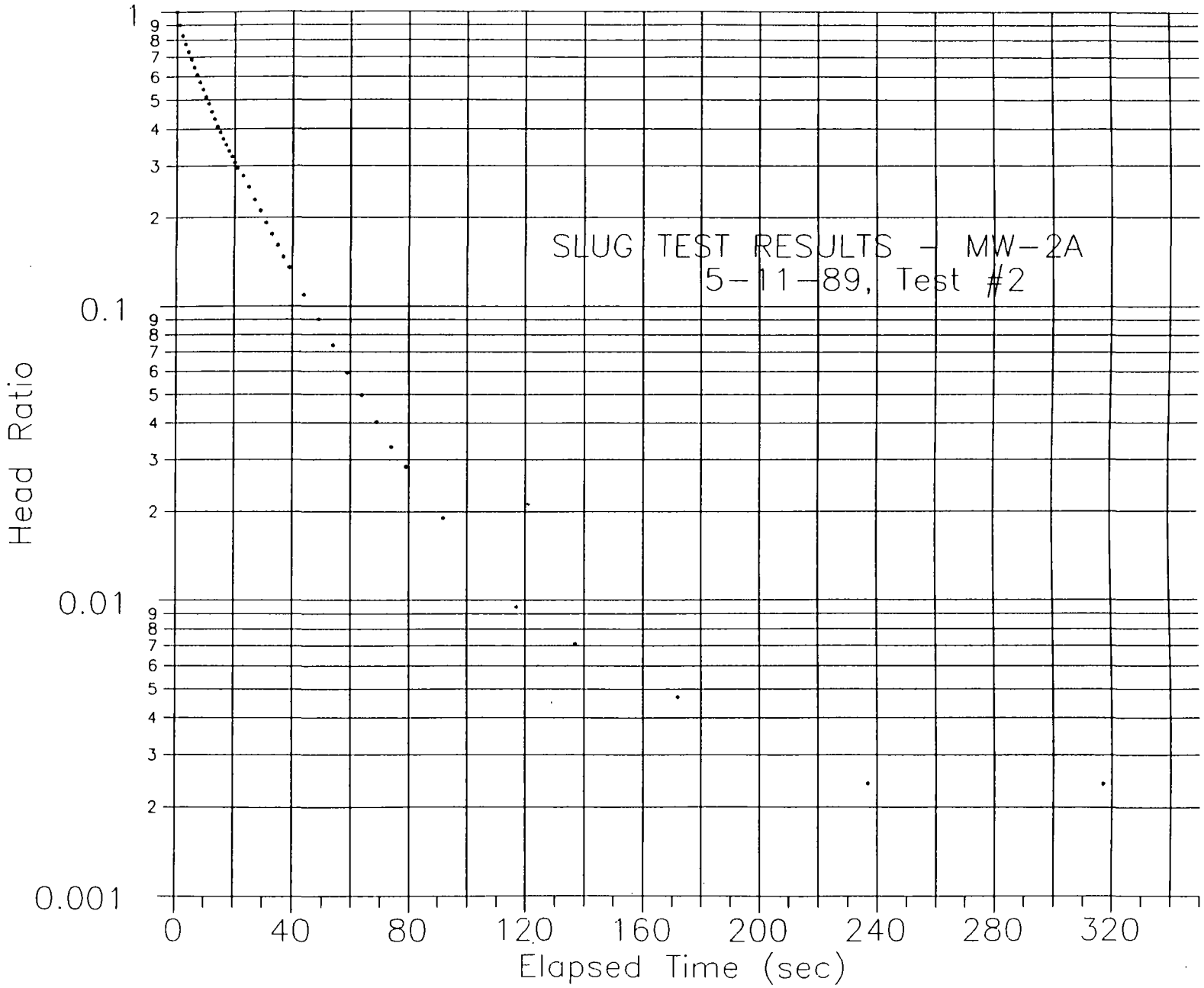
3 10 01361


SLUG TEST RESULTS - MW-1A
5-10-89, Test #1
Head Ratio
1
0.1
0.01
0
20
40
60
Elapsed Time (sec)

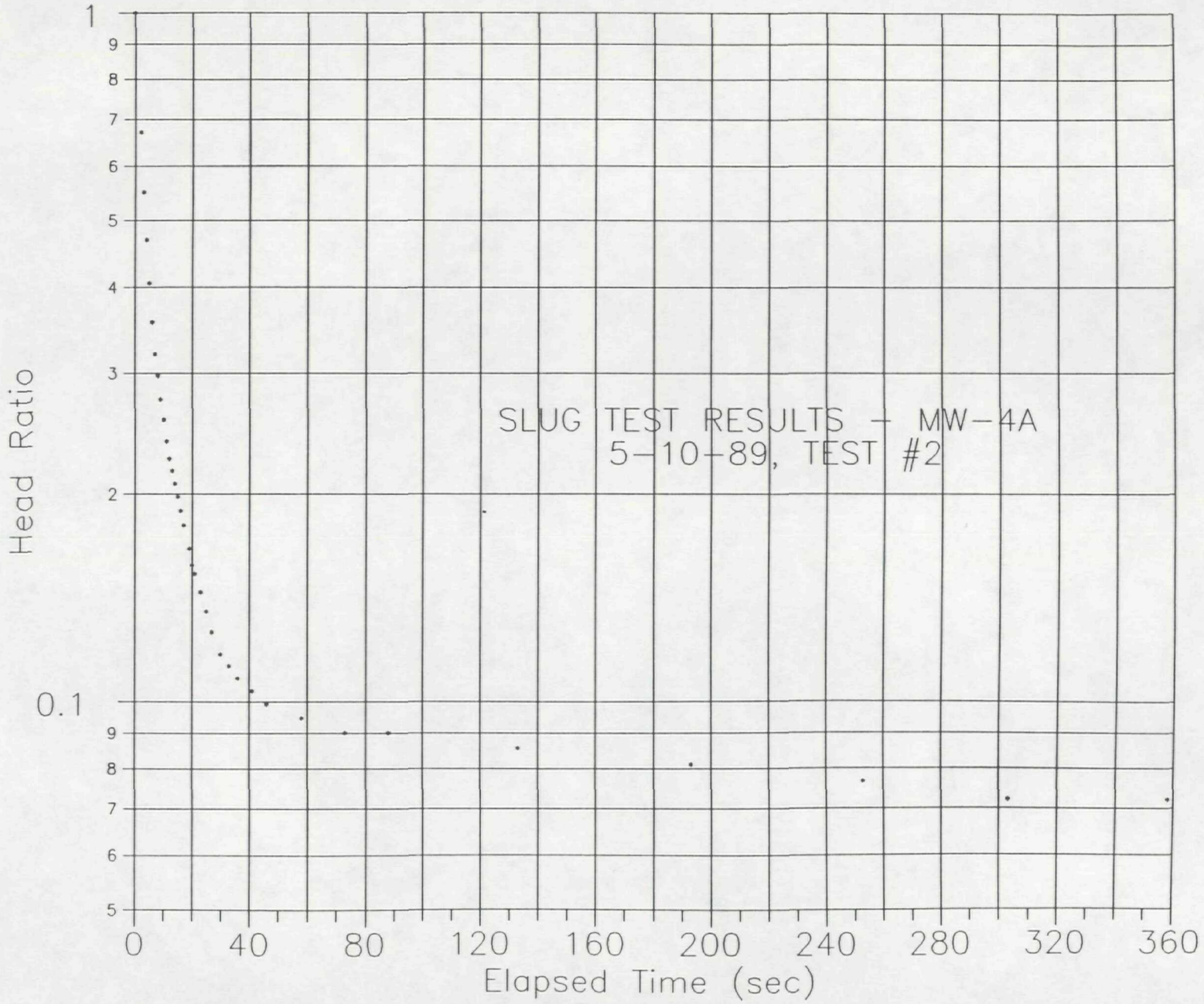
3 10 01332


SLUG TEST RESULTS - MW-1A
5-10-89, Test #2
Head Ratio
1
0.1
0.01
0
10
20
30
40
Elapsed Time (sec)

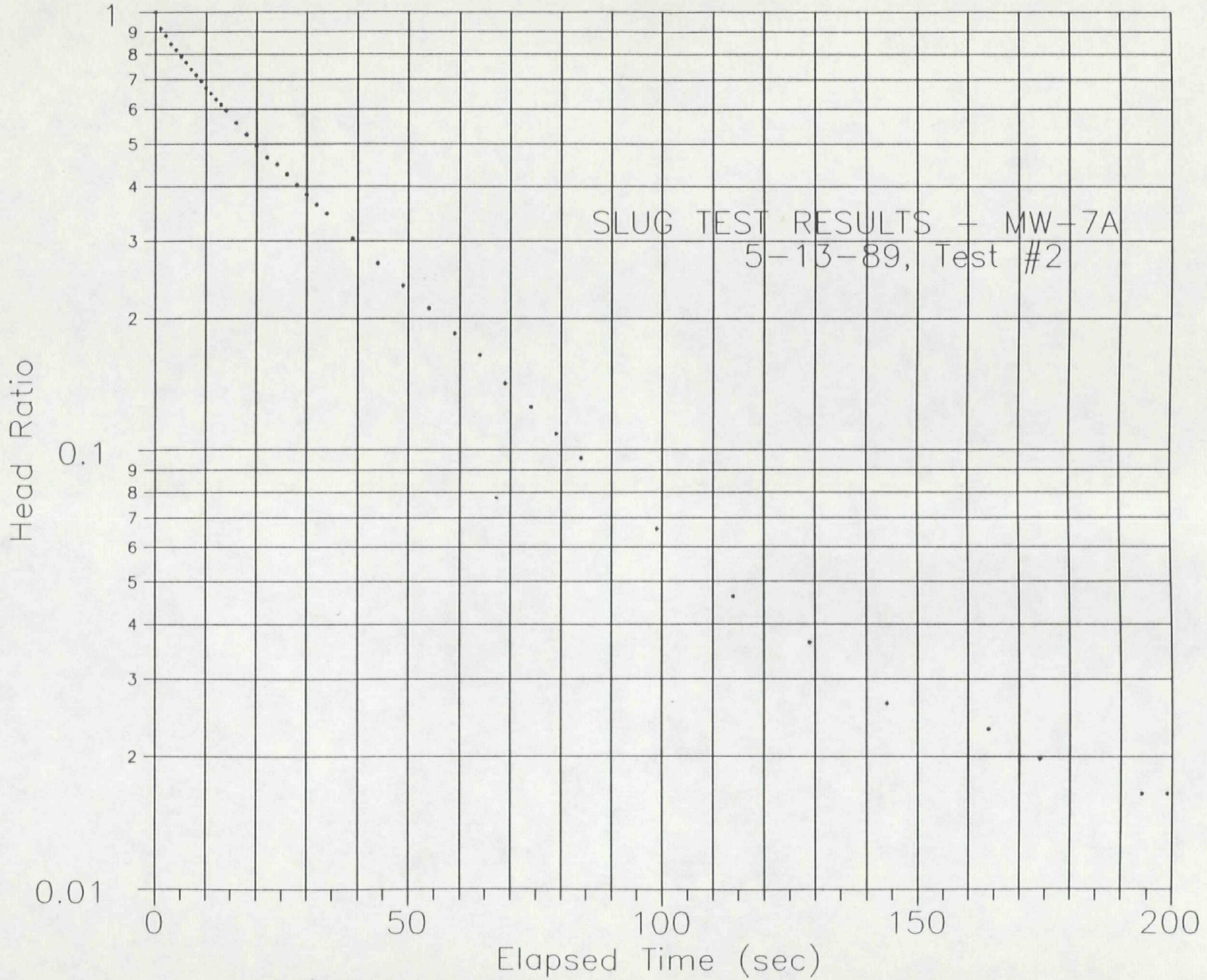
3 10 01363


SLUG TEST RESULTS - MW-2A
5-11-89, Test #2
Head Ratio
1
0.1
0.01
0.001
0
40
80
120
160
200
240
280
320
Elapsed Time (sec)

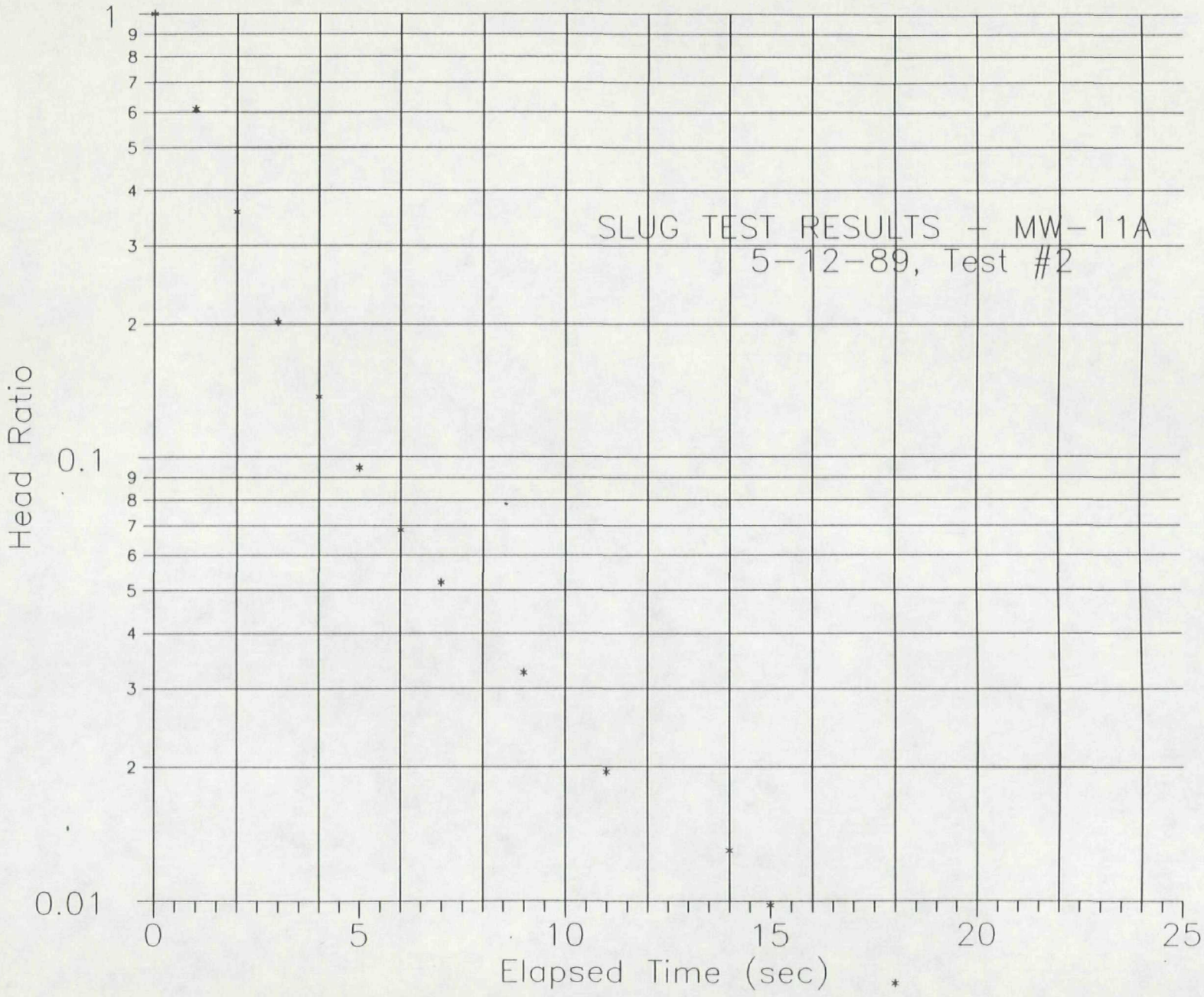
3 10 01364


SLUG TEST RESULTS - MW-4A
5-10-89, TEST #2
Head Ratio
1
0.1
9
8
7
6
5
4
3
2
0
40
80
120
160
200
240
280
320
360
Elapsed Time (sec)

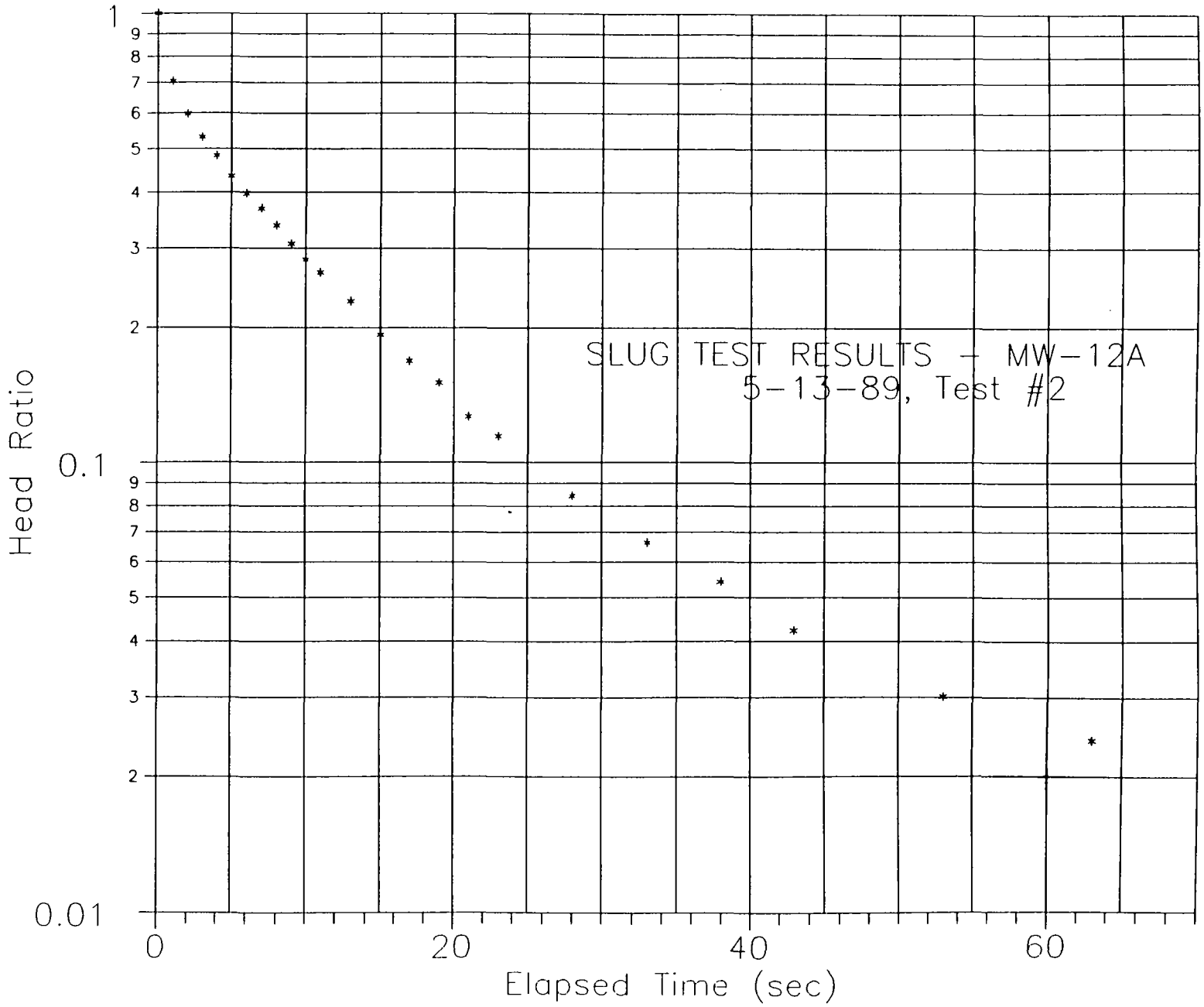
3 10 01385

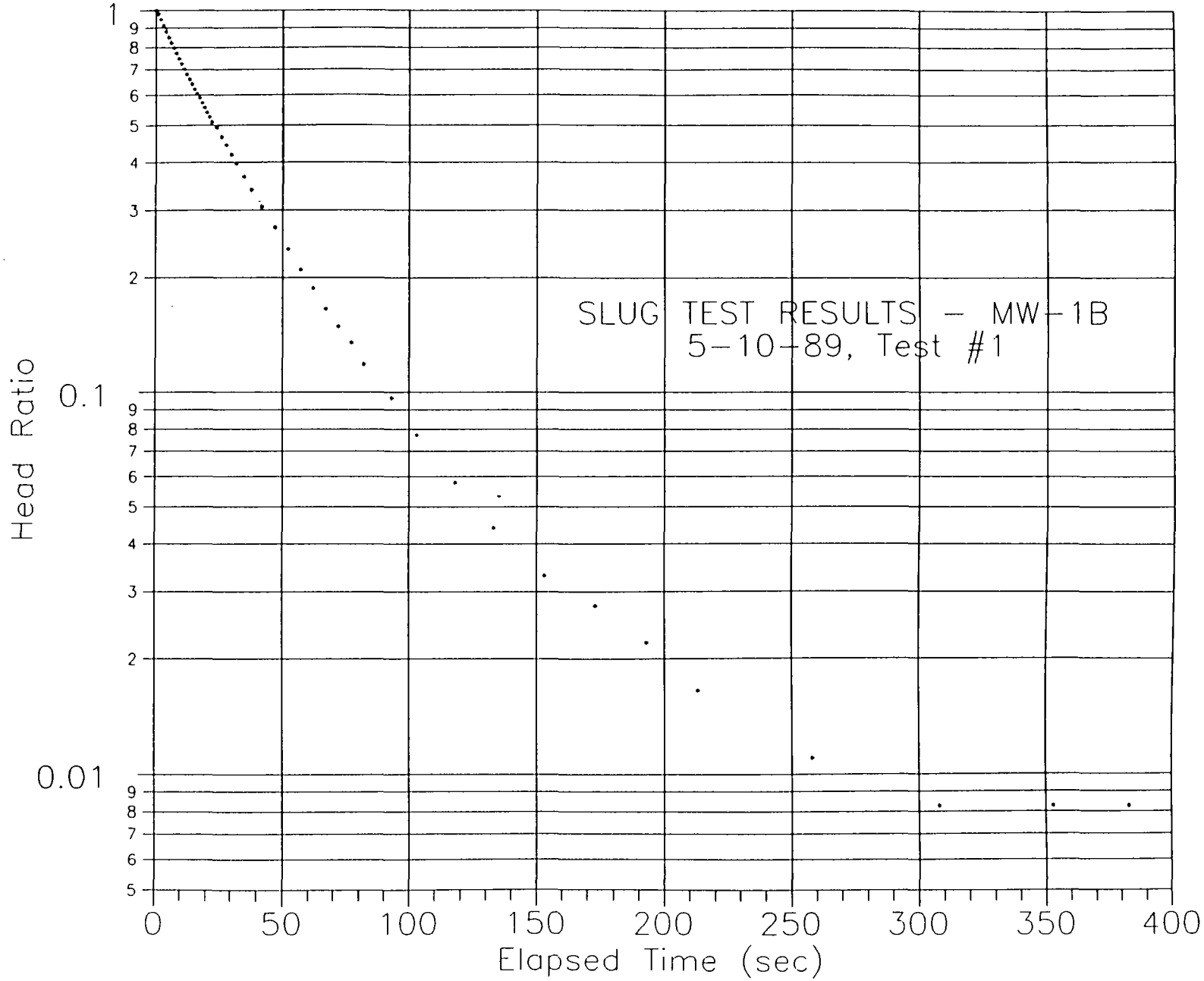

SLUG TEST RESULTS - MW-7A
5-13-89, Test #2
Head Ratio
1
0.1
0.01
0
50
100
150
200
Elapsed Time (sec)

3 10 01356

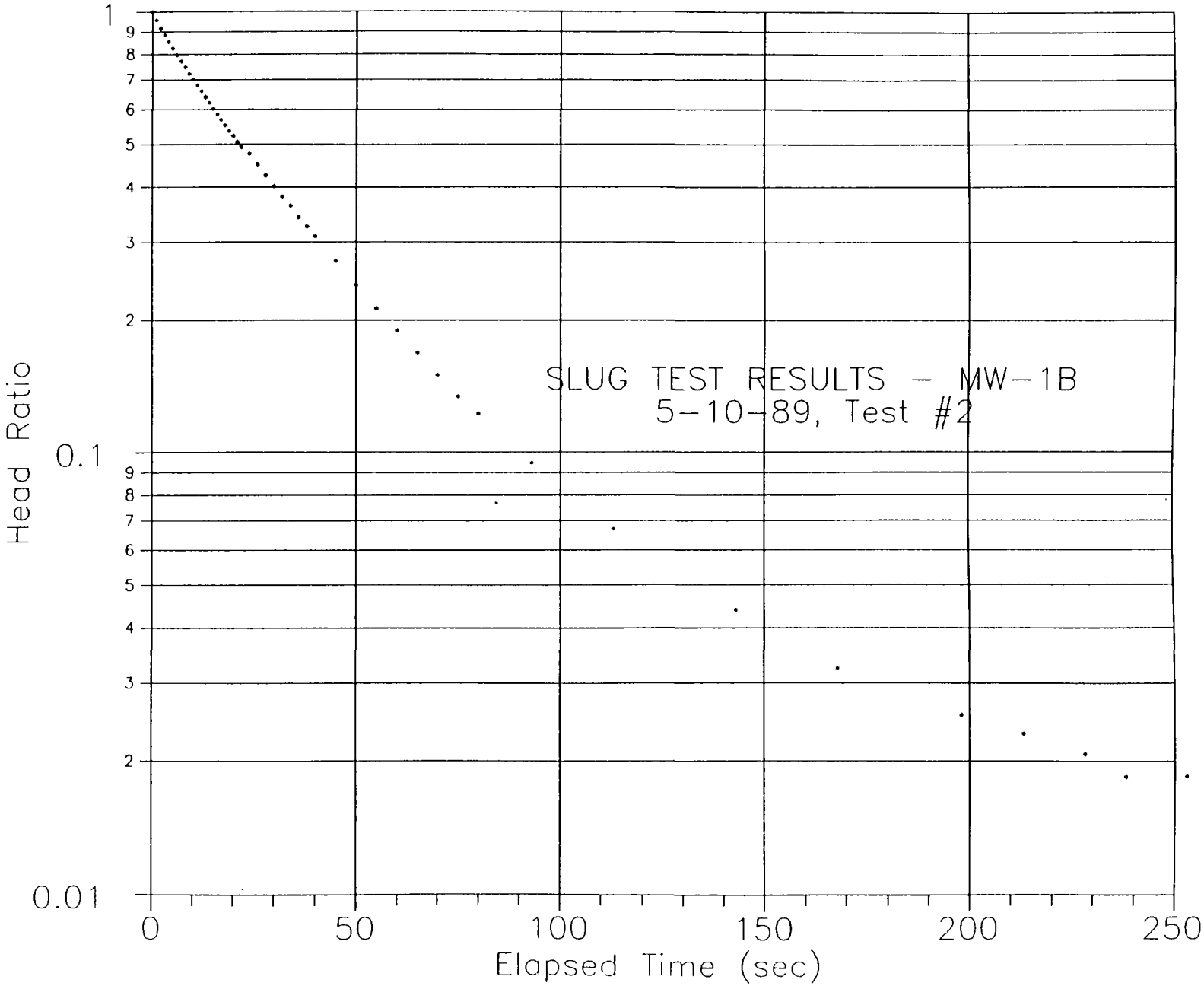

SLUG TEST RESULTS - MW-11A
5-12-89, Test #2
Head Ratio
1
0.1
0.01
0
5
10
15
20
25
Elapsed Time (sec)

3 10 01327


SLUG TEST RESULTS - MW-12A
5-13-89, Test #2
Head Ratio
1
0.1
0.01
0
20
40
60
Elapsed Time (sec)

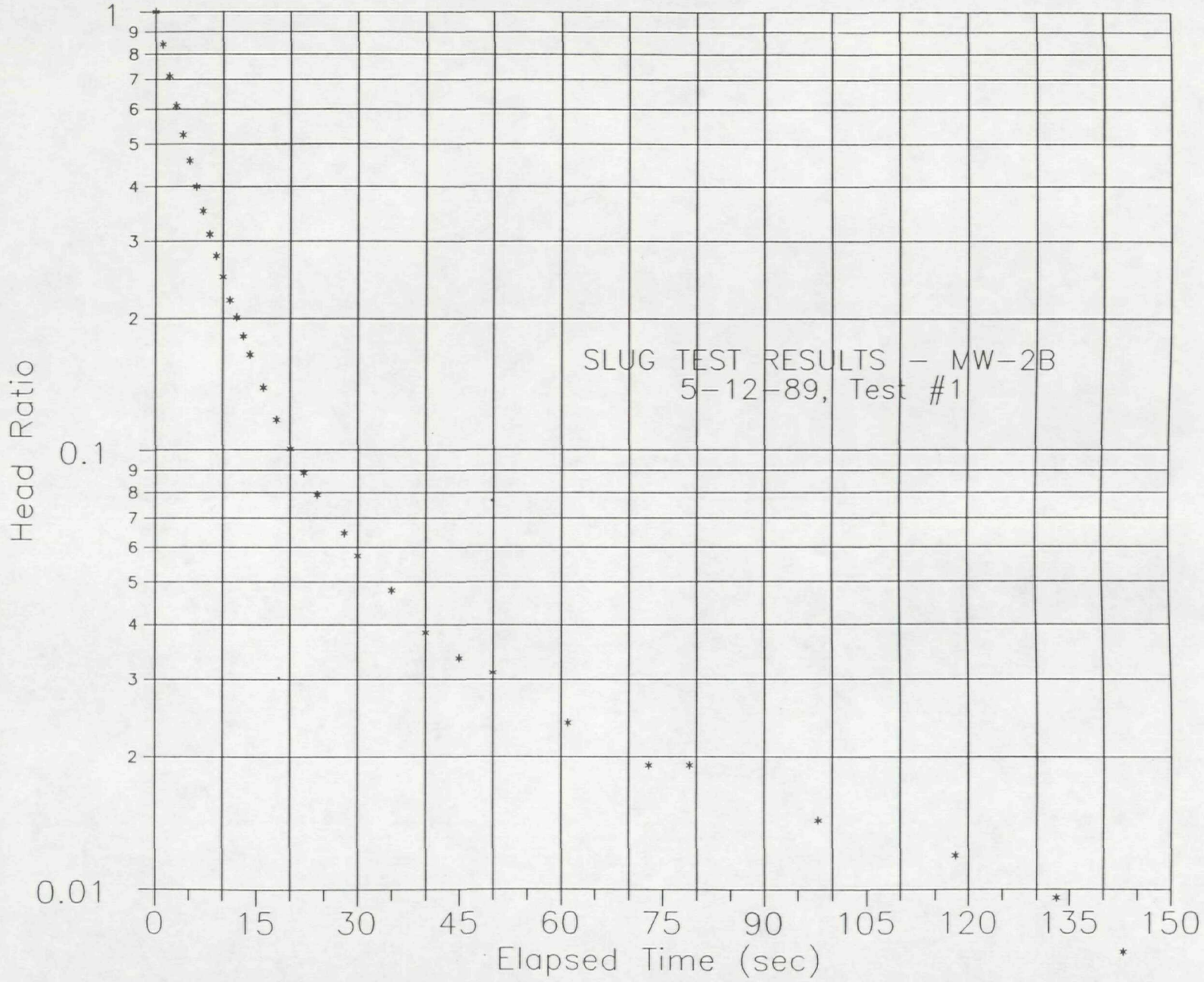

SLUG TEST RESULTS - MW-1B
5-10-89, Test #1
Head Ratio
1
0.1
0.01
0
50
100
150
200
250
300
350
400
Elapsed Time (sec)

3 10 01388

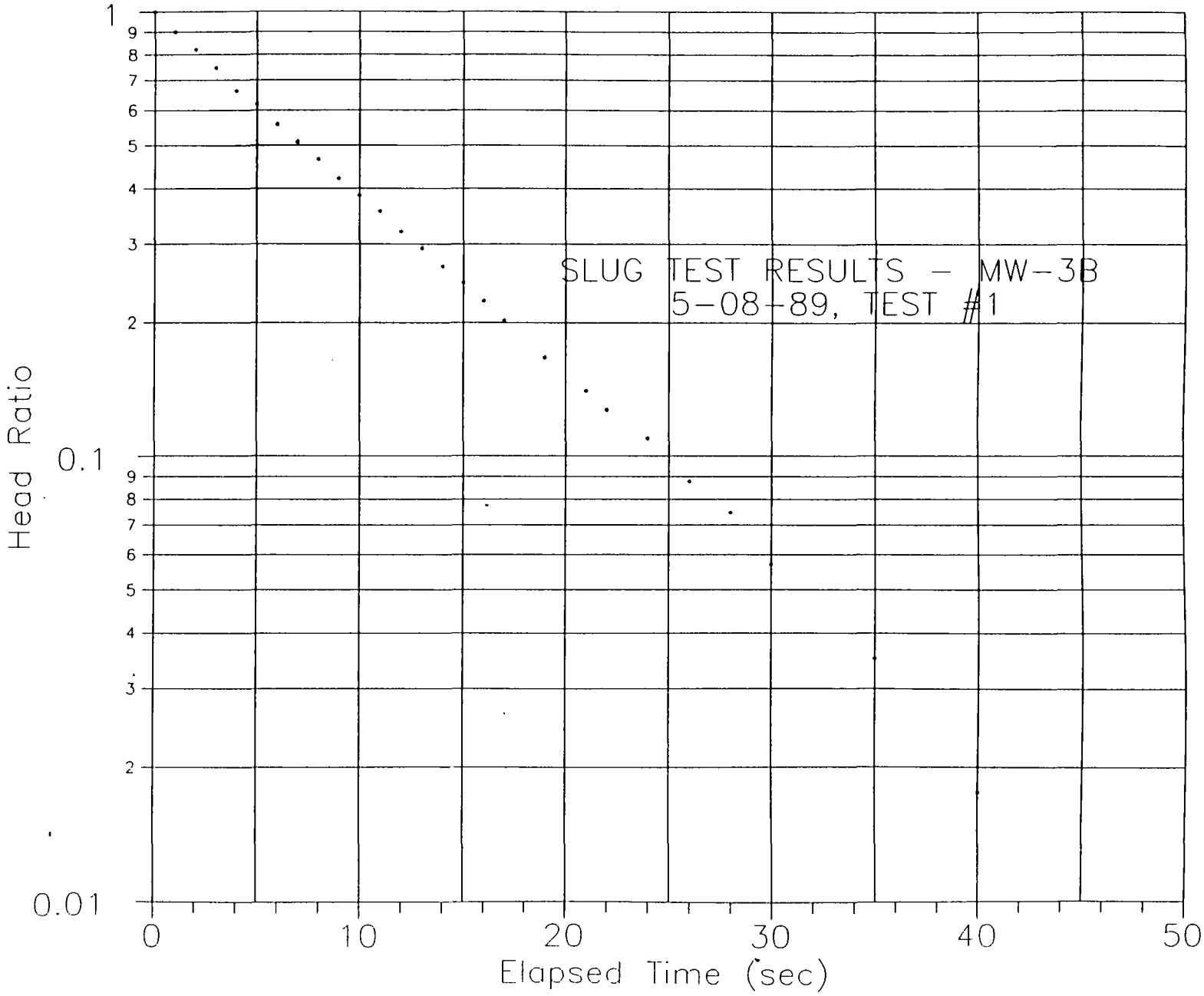

SLUG TEST RESULTS - MW-1B
5-10-89, Test #2
Head Ratio
1
0.1
0.01
0
50
100
150
200
250
Elapsed Time (sec)

3 10 01329

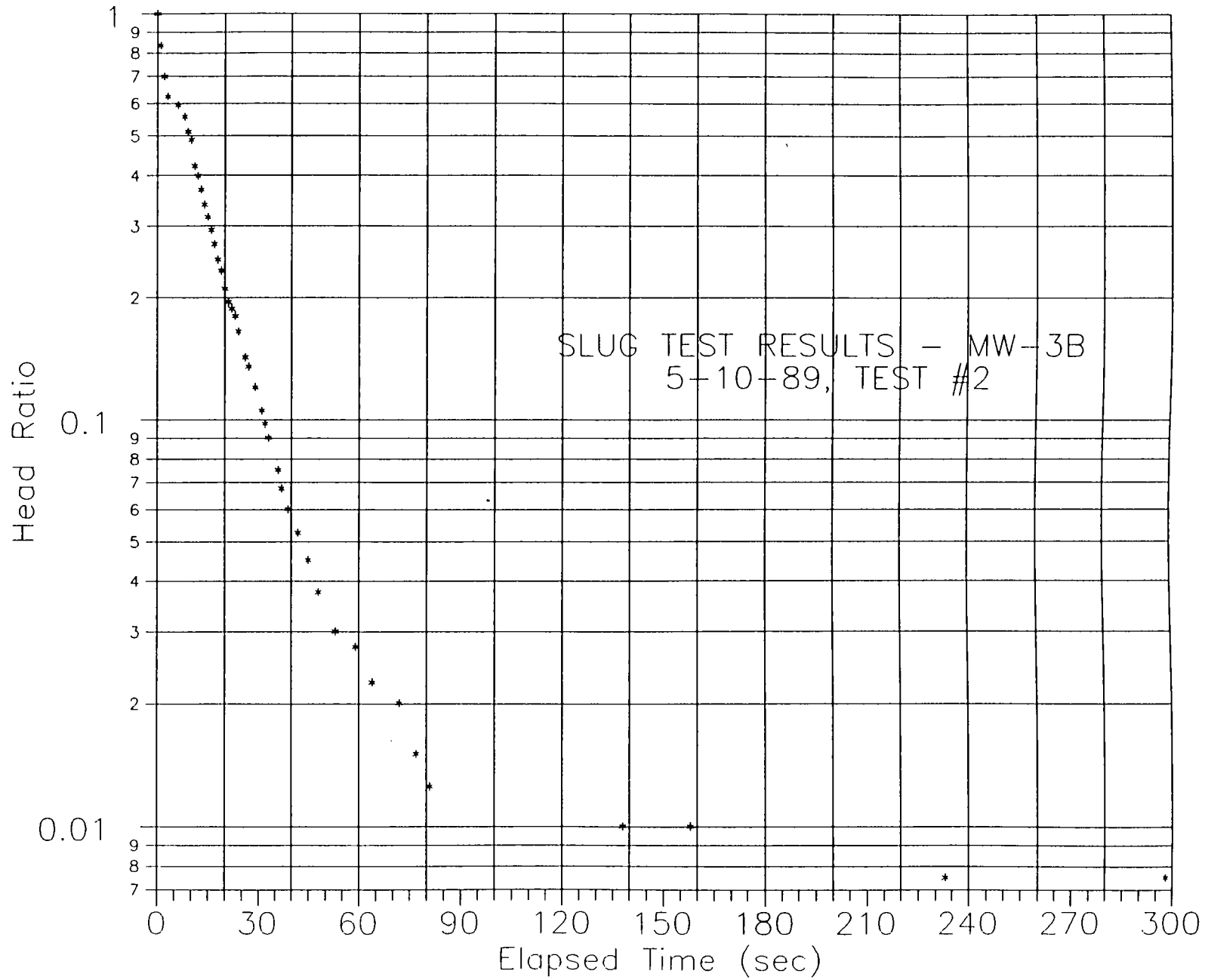
3 10 01390

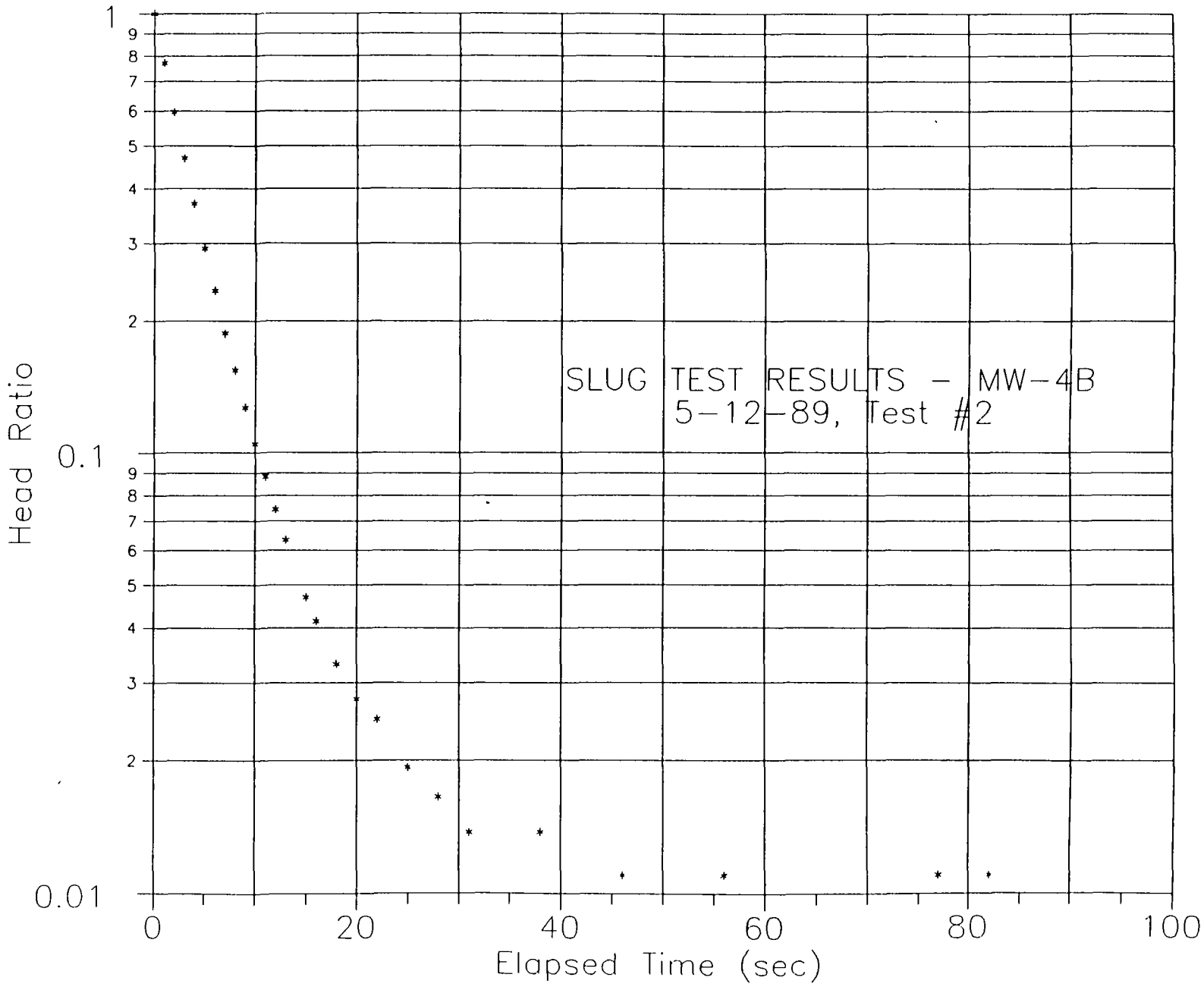

SLUG TEST RESULTS - MW-2B
5-12-89, Test #1
Head Ratio
1
0.1
0.01
0
15
30
45
60
75
90
105
120
135
150
Elapsed Time (sec)

3 10 01391


SLUG TEST RESULTS - MW-3B
5-08-89, TEST #1
Head Ratio
1
0.1
0.01
9
8
7
6
5
4
3
2
0
10
20
30
40
50
Elapsed Time (sec)

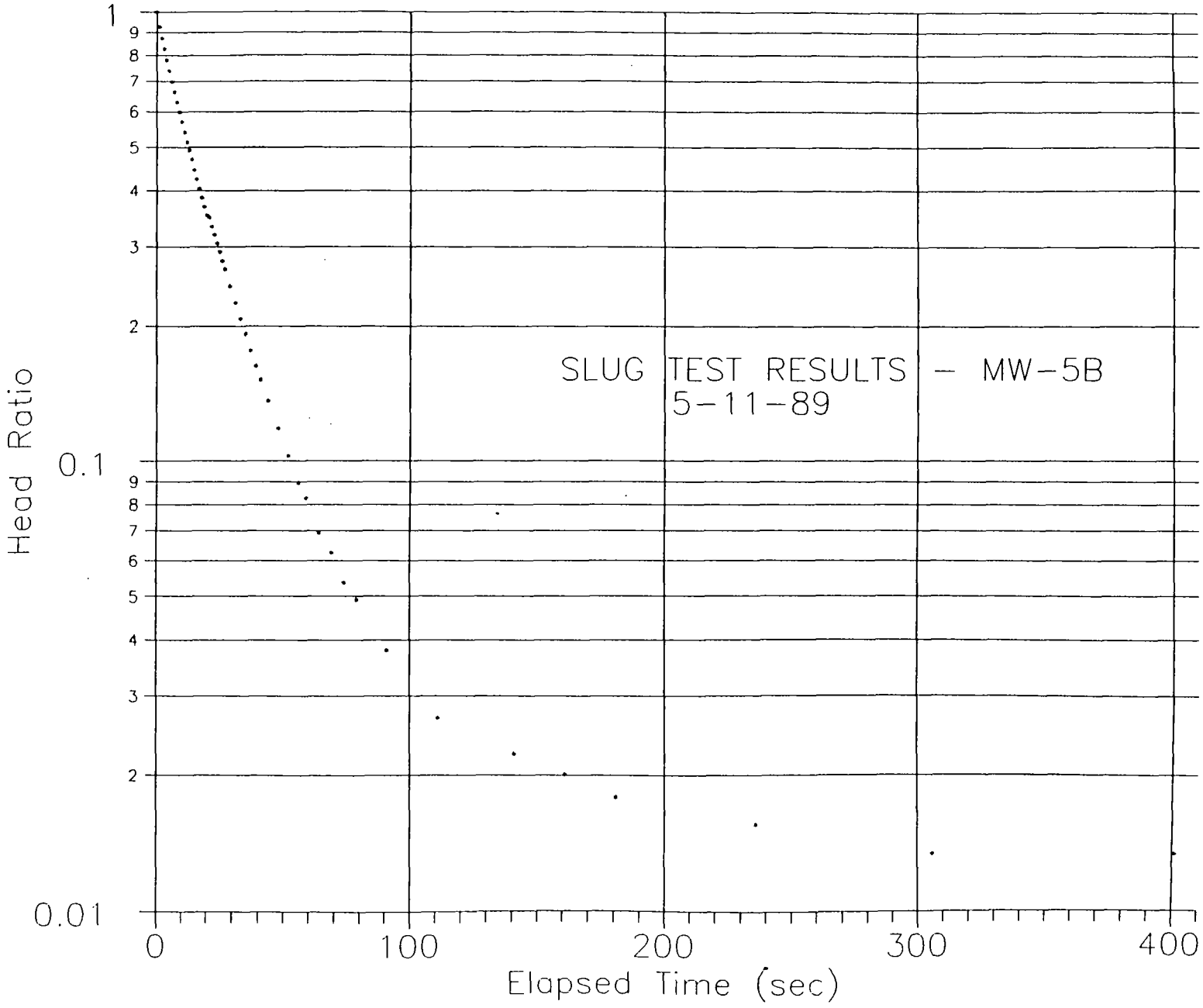
3 10 01392


SLUG TEST RESULTS - MW-3B
5-10-89, TEST #2
Head Ratio
1
0.1
0.01
0
30
60
90
120
150
180
210
240
270
300
Elapsed Time (sec)

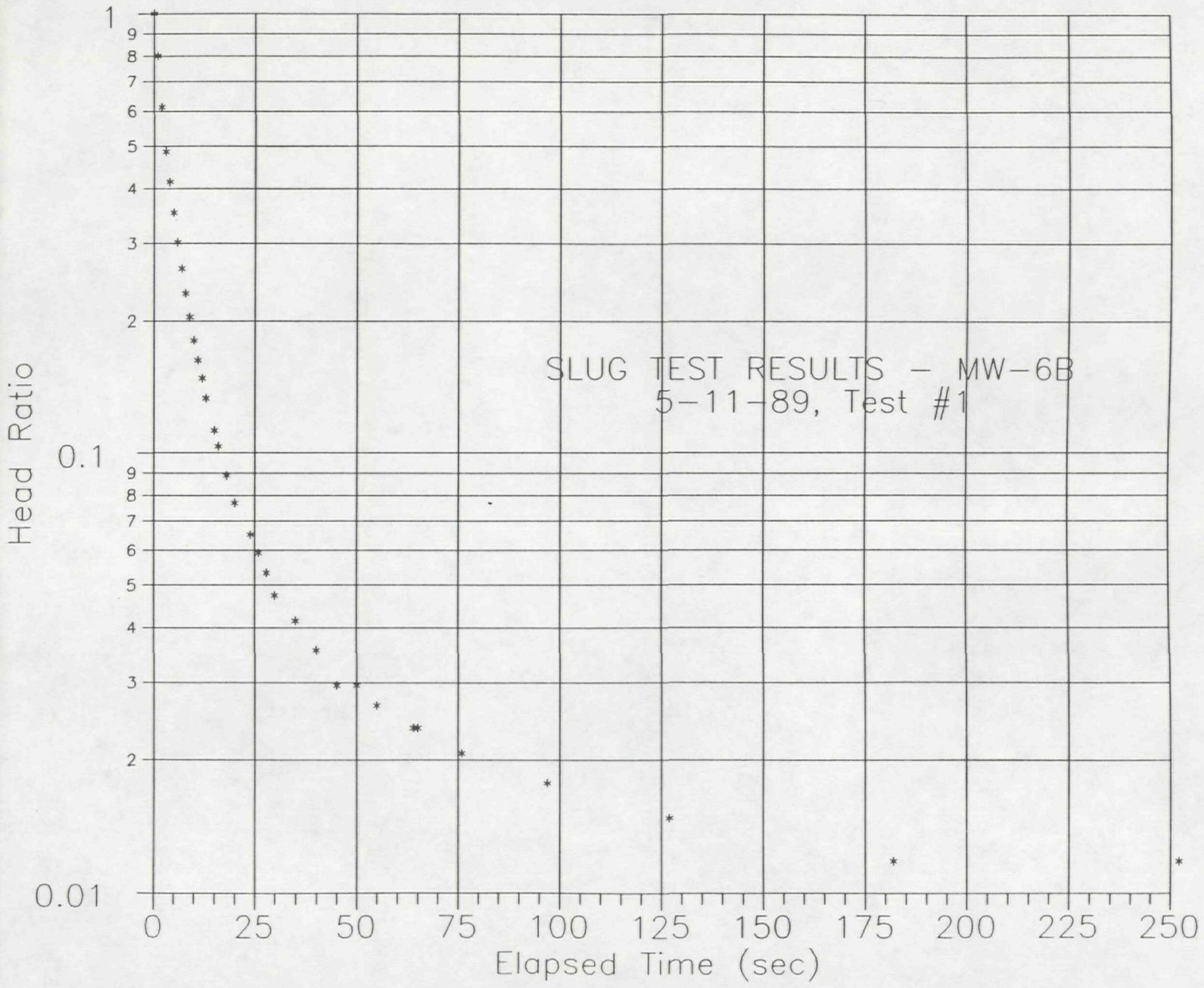

SLUG TEST RESULTS - MW-4B
5-12-89, Test #2
Head Ratio
1
0.1
0.01
0
20
40
60
80
100
Elapsed Time (sec)

3 10 013523

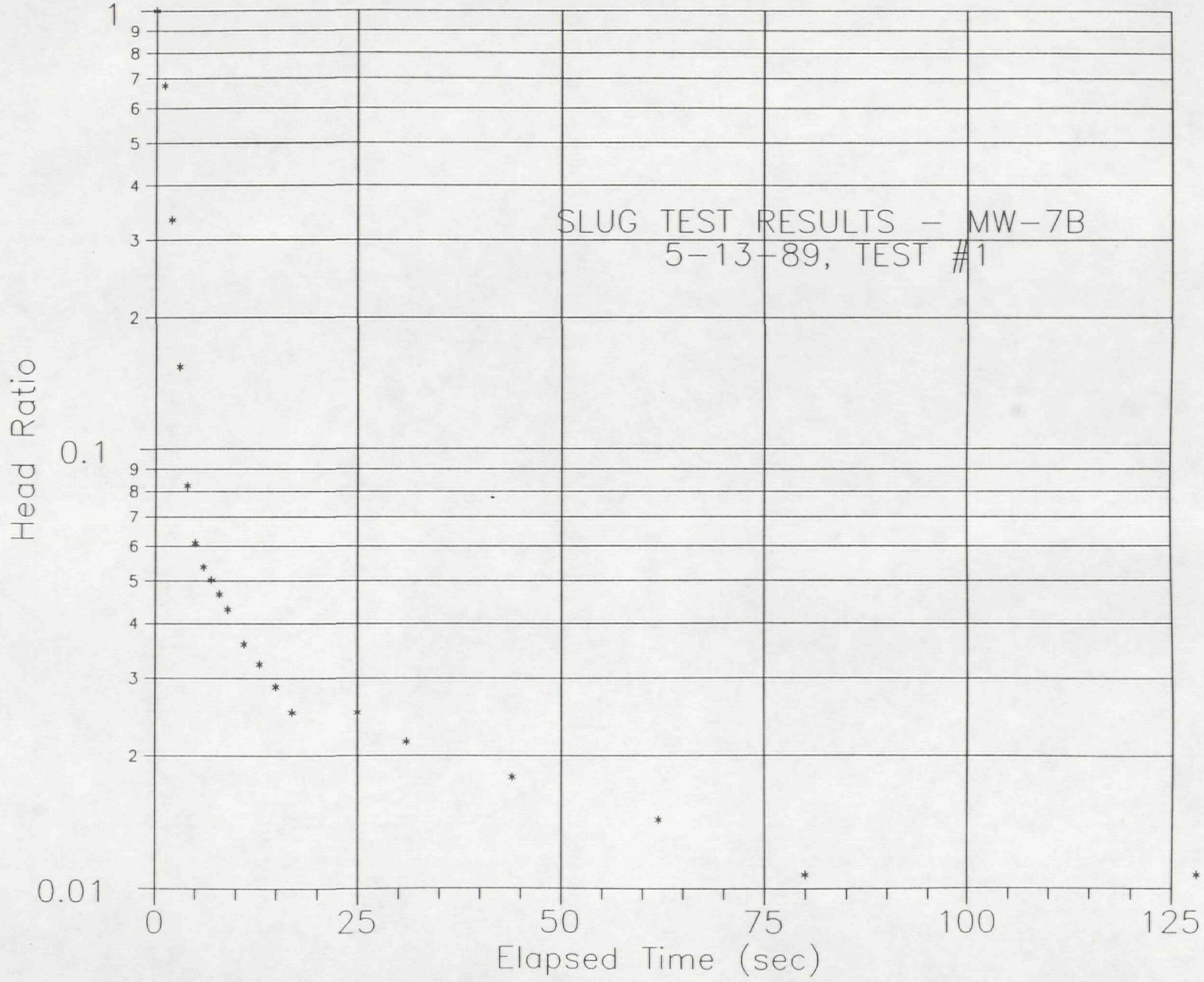
3 10 01394


SLUG TEST RESULTS - MW-5B
5-11-89
Head Ratio
1
0.1
0.01
0
100
200
300
400
Elapsed Time (sec)

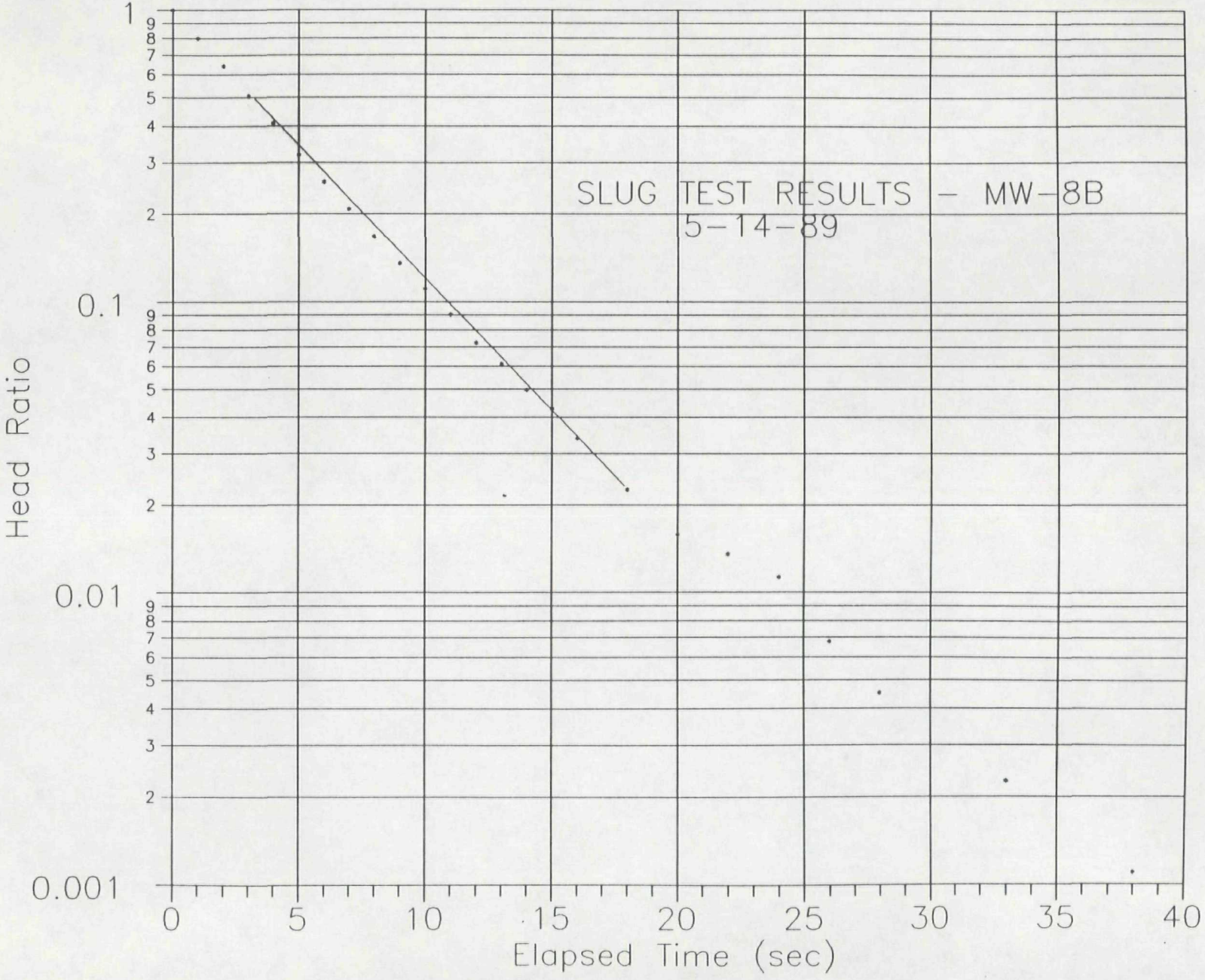
3 10 01395


SLUG TEST RESULTS - MW-6B
5-11-89, Test #1
Head Ratio
1
0.1
0.01
0
25
50
75
100
125
150
175
200
225
250
Elapsed Time (sec)

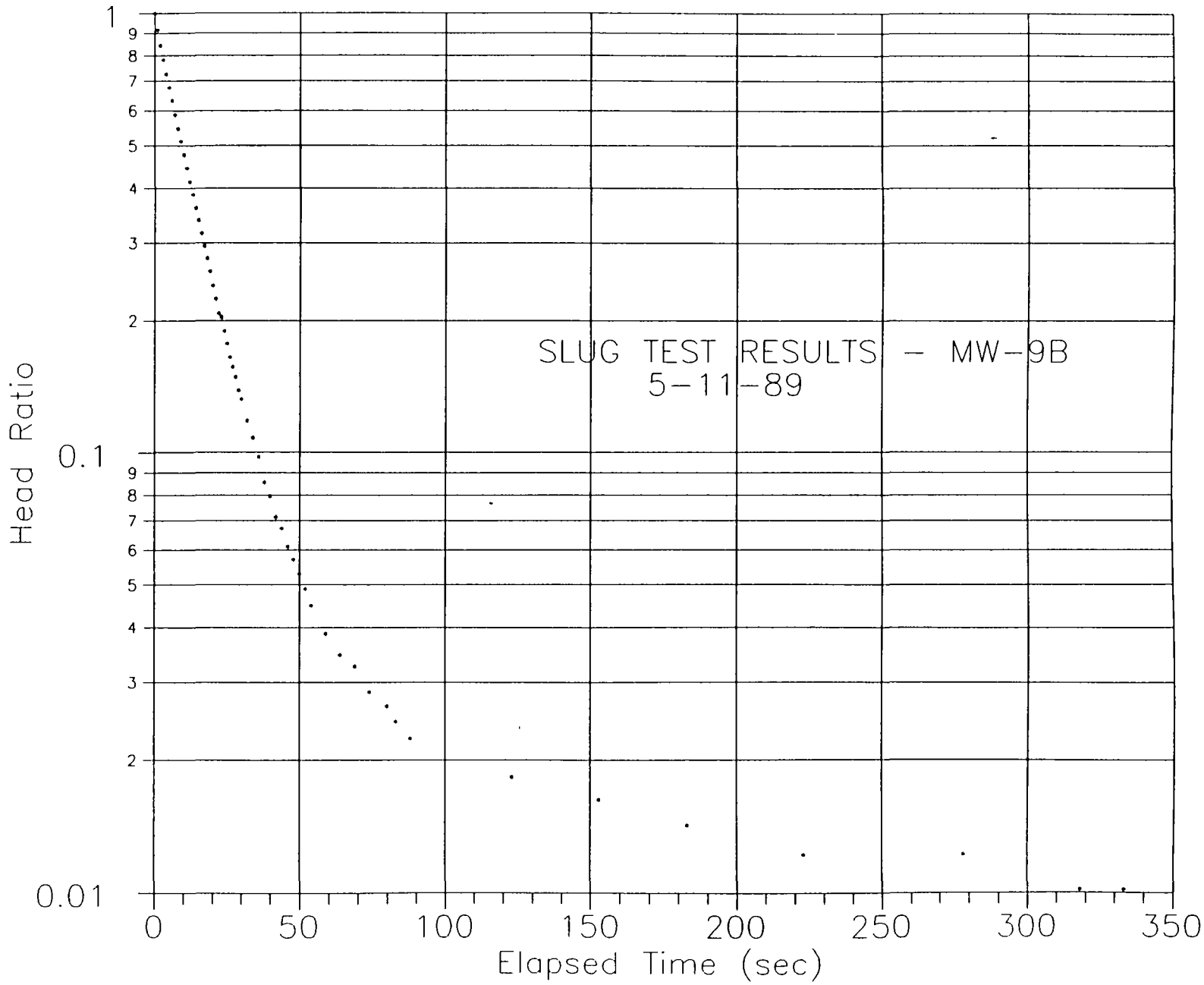
3 10 01326

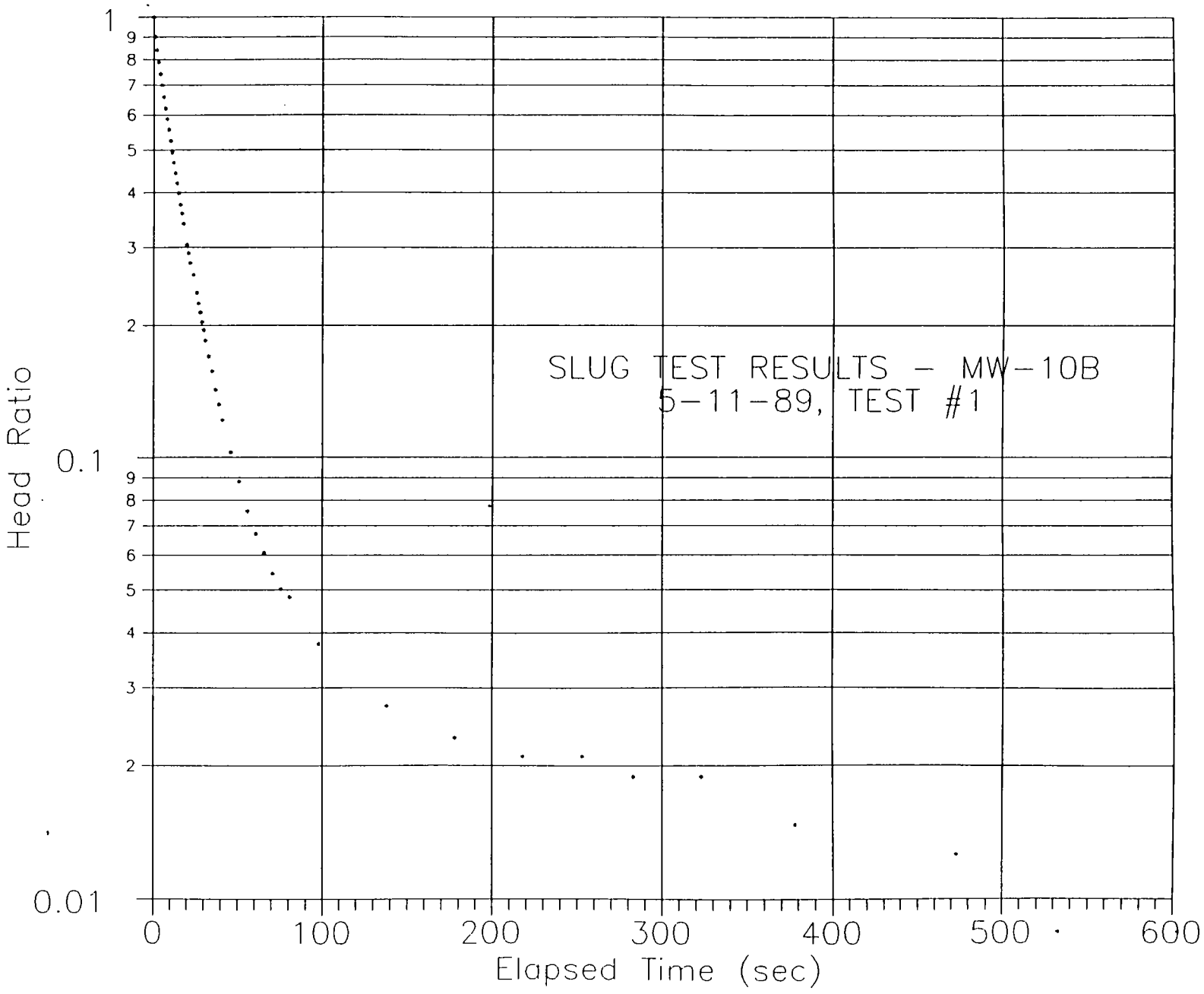

SLUG TEST RESULTS - MW-7B
5-13-89, TEST #1
Head Ratio
1
0.1
0.01
0
25
50
75
100
125
Elapsed Time (sec)

3 10 01397


SLUG TEST RESULTS - MW-8B
5-14-89
Head Ratio
1
0.1
0.01
0.001
0
5
10
15
20
25
30
35
40
Elapsed Time (sec)

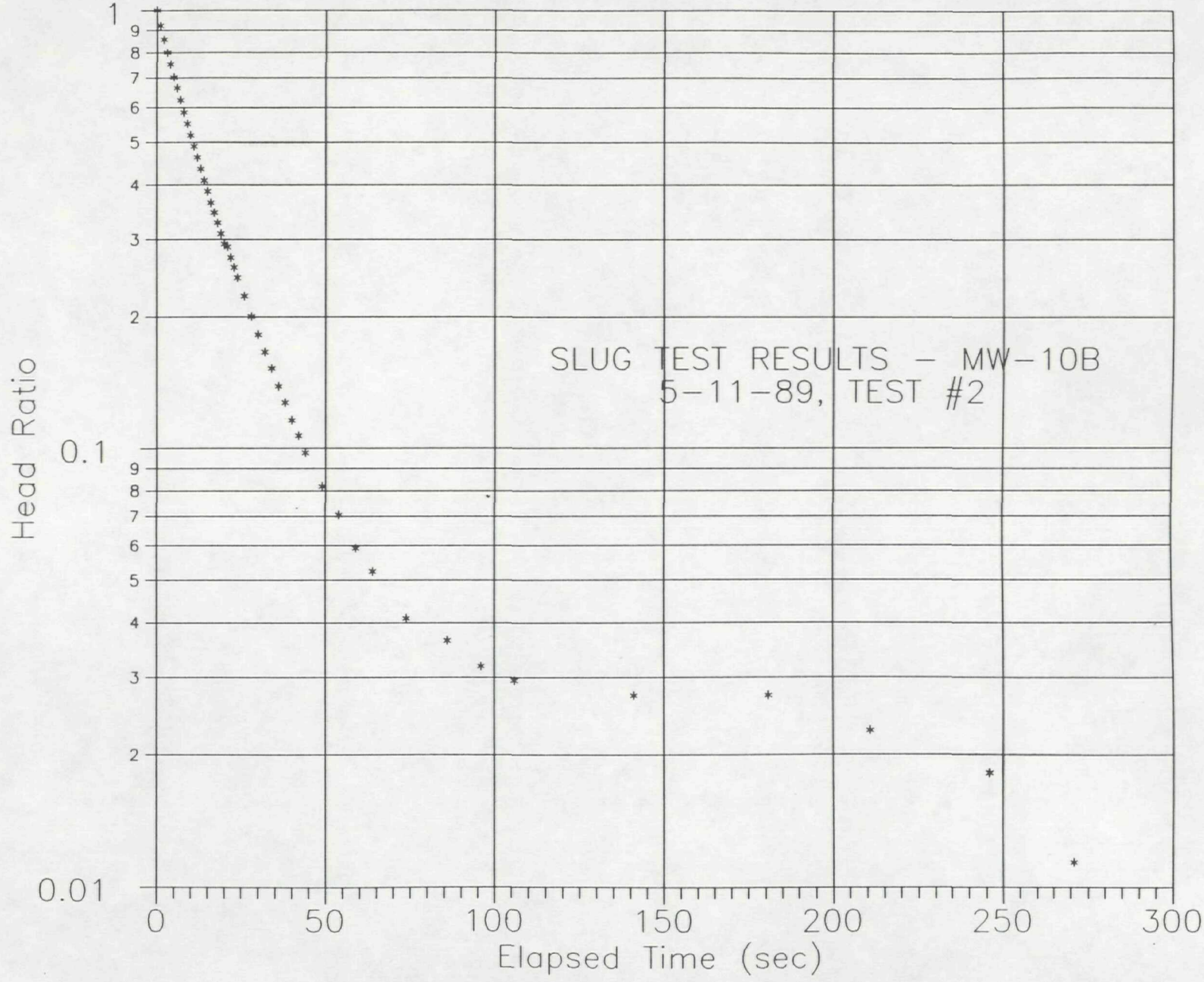
3 10 01328


SLUG TEST RESULTS - MW-9B
5-11-89
Head Ratio
1
0.1
0.01
0
50
100
150
200
250
300
350
Elapsed Time (sec)

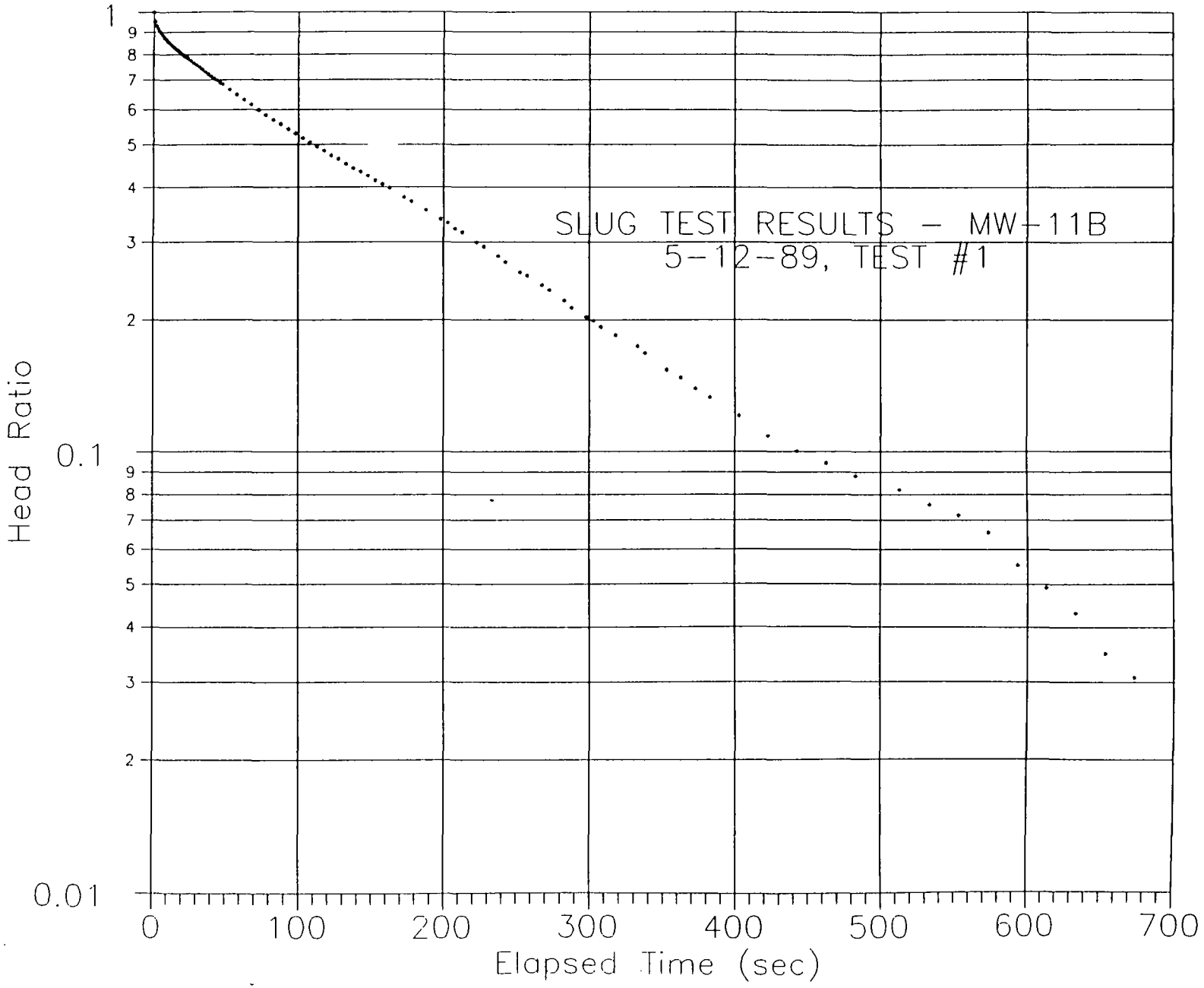

SLUG TEST RESULTS - MW-10B
5-11-89, TEST #1
Head Ratio
1
0.1
0.01
9
8
7
6
5
4
3
2
0
100
200
300
400
500
600
Elapsed Time (sec)

3 10 01339

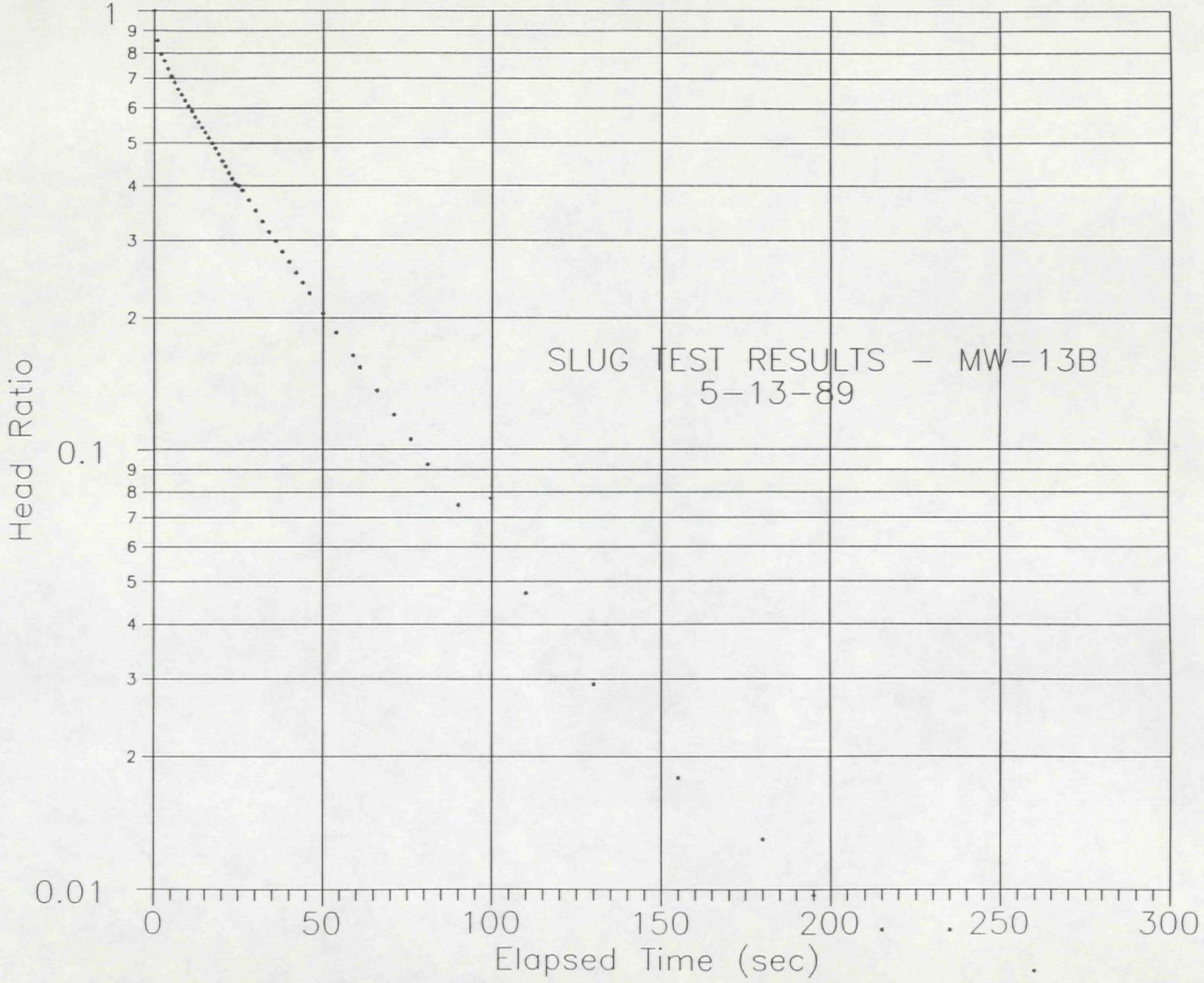
3 10 01400


SLUG TEST RESULTS - MW-10B
5-11-89, TEST #2
Head Ratio
1
0.1
0.01
0
50
100
150
200
250
300
Elapsed Time (sec)

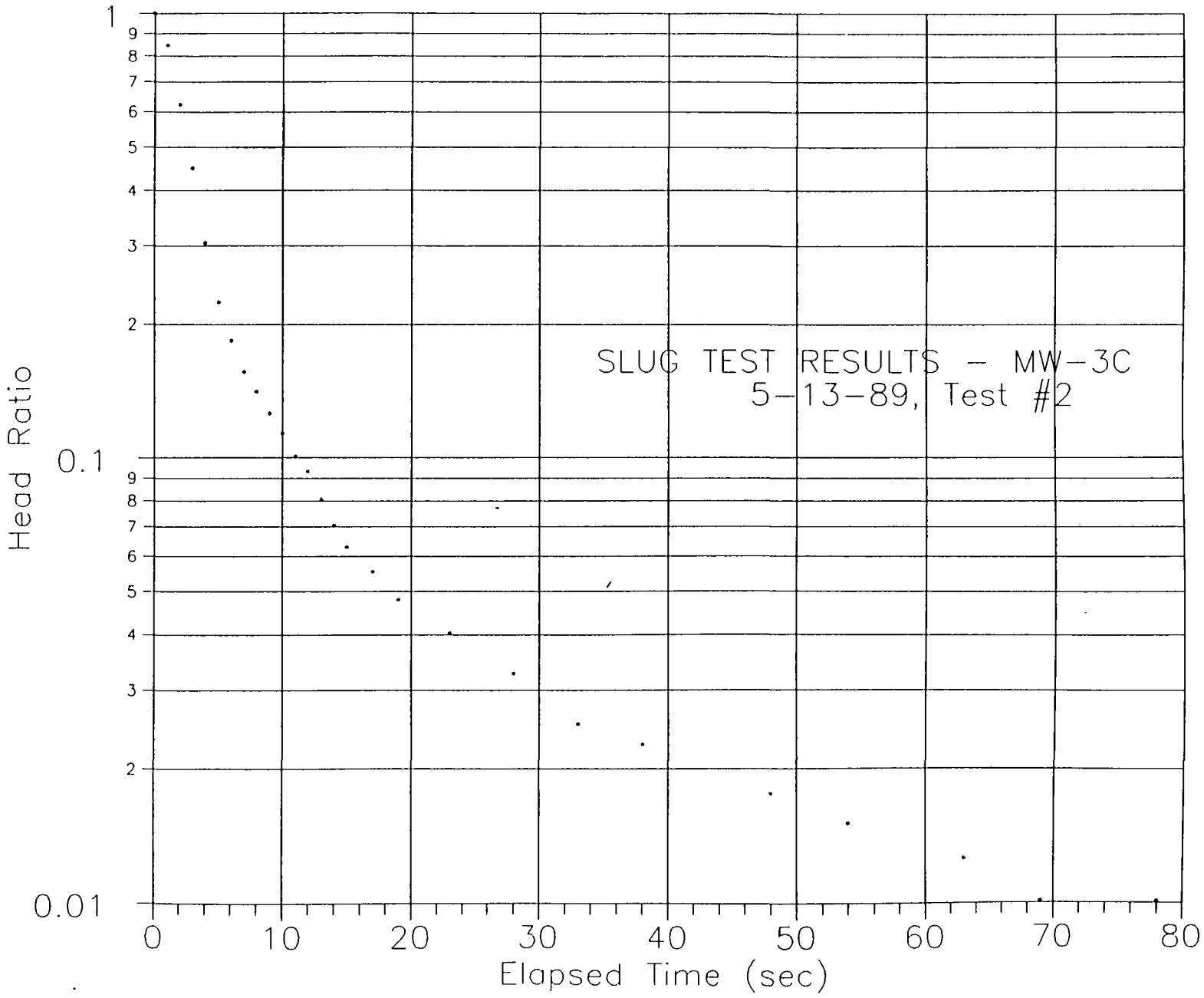
3 10 01401


SLUG TEST RESULTS – MW-11B
5-12-89, TEST #1
Head Ratio
1
0.1
0.01
0
100
200
300
400
500
600
700
Elapsed Time (sec)

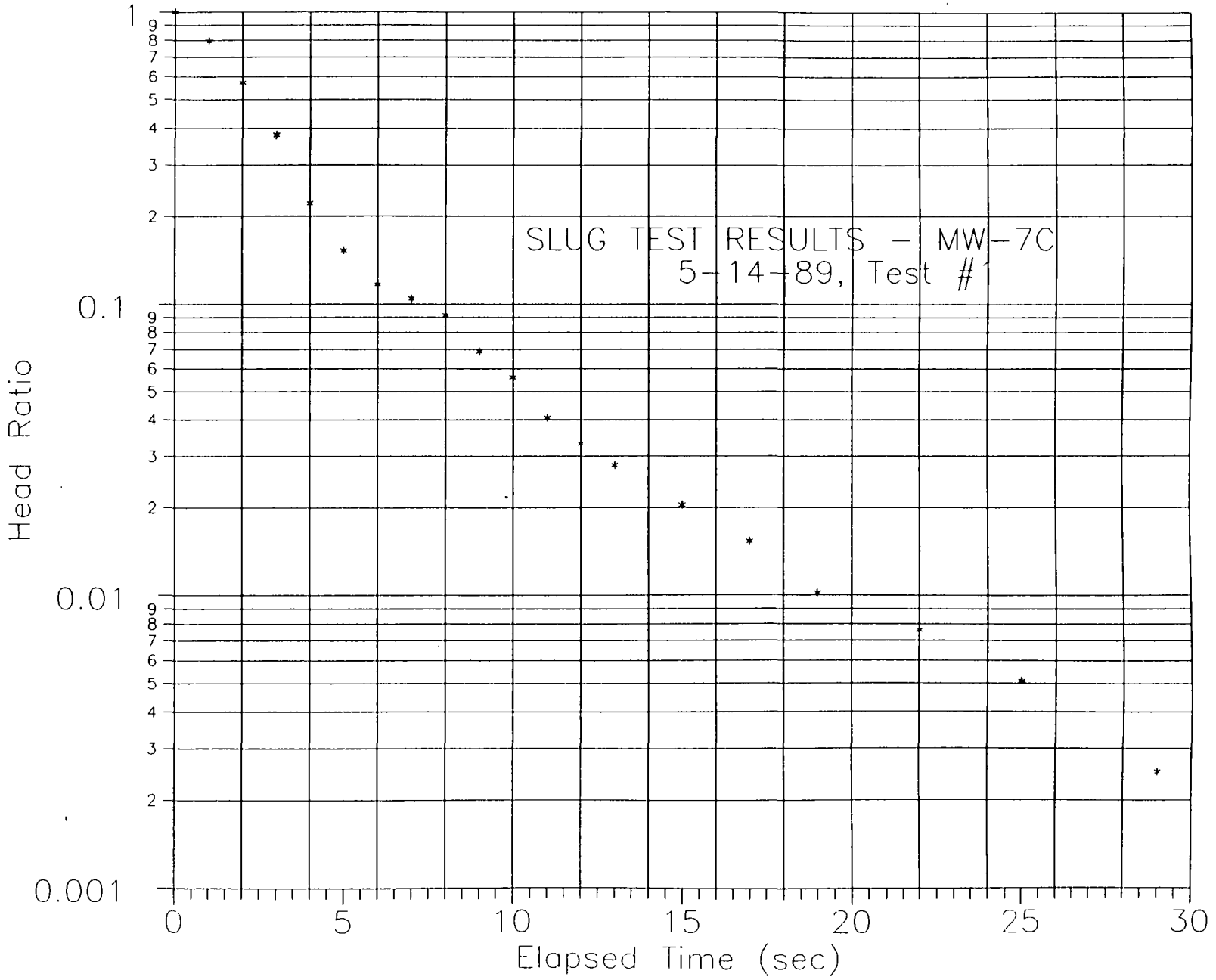
3 10 01402

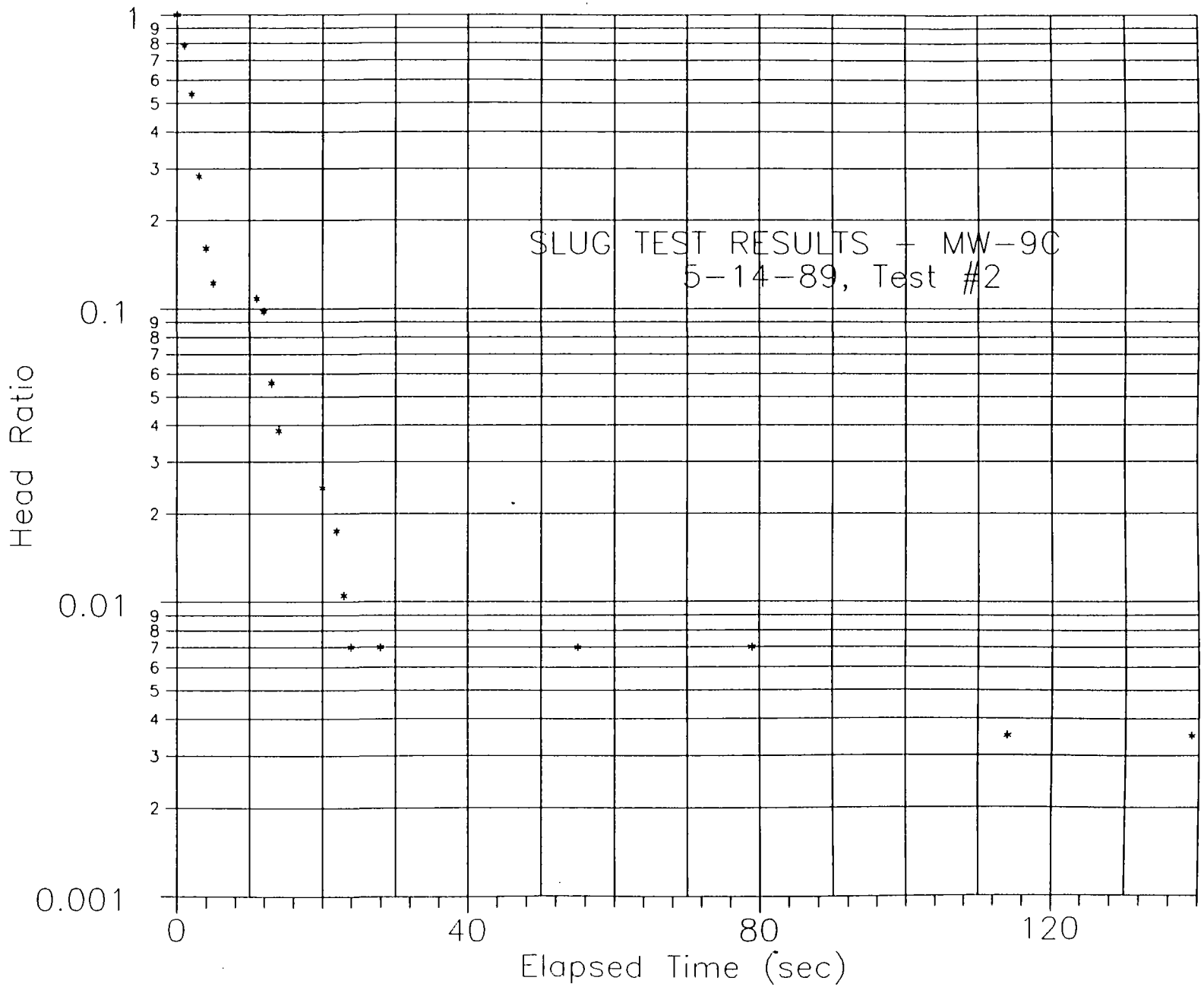

SLUG TEST RESULTS - MW-13B
5-13-89
Head Ratio
1
0.1
0.01
0
50
100
150
200
250
300
Elapsed Time (sec)

3 10 01433


SLUG TEST RESULTS - MW-3C
5-13-89, Test #2
Head Ratio
1
0.1
0.01
9
8
7
6
5
4
3
2
0
10
20
30
40
50
60
70
80
Elapsed Time (sec)

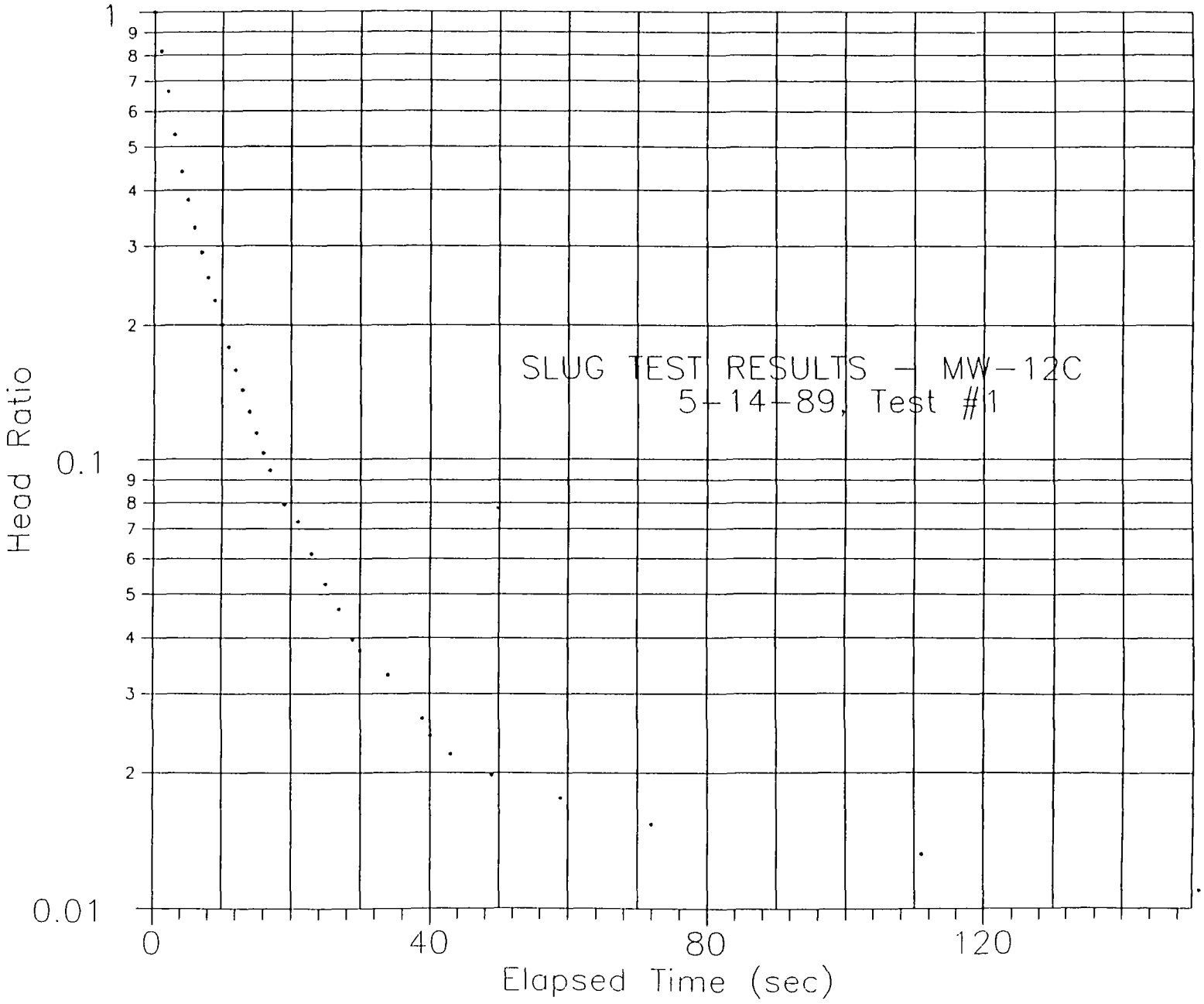
3 10 014404


SLUG TEST RESULTS - MW-7C
5-14-89, Test #1
Head Ratio
1
0.1
0.01
0.001
0
5
10
15
20
25
30
Elapsed Time (sec)


SLUG TEST RESULTS - MW-9C
5-14-89, Test #2
Head Ratio
1
0.1
0.01
0.001
0
40
80
120
Elapsed Time (sec)

3 10 01405

3 10 01406


SLUG TEST RESULTS - MW-12C
5-14-89, Test #1
Head Ratio
1
0.1
0.01
0
40
80
120
Elapsed Time (sec)

INTERNATIONAL TECHNOLOGY CORPORATION

3 10 01407

S. LOGAN Date 6-21-89 Subject BLUFF ROAD - SLUG TEST RESULTS FOR HYDRAULIC CONDUCTIVITY (K) Sheet No. 1 of 29

Rkd. By [illegible] Date 7/24/89 Proj. No. ~~4089~~ 405619

A-WELLS

WELL ID	CALCULATED K (m/sec)
MW-1A	$8.2\cancel{6}5 \times 10^{-5}$ SAL 7-24-89
MW-2A	1.67×10^{-5}
MW-4A	1.46×10^{-5}
MW-7A	$9.2\cancel{6} \times 10^{-6}$ SAL 7-24-89
MW-11A	1.03×10^{-4}
MW-12A	3.03×10^{-5}

GEOMETRIC MEAN $= (K_1 \times K_2 \times K_4 \times K_7 \times K_{11} \times K_{12})^{1/6}$

$\bar{K} = (5.8265 \times 10^{-28})^{1/6}$

$= 2.89 \times 10^{-5}$ m/sec

$= 2.9 \times 10^{-3}$ cm/sec

B-WELLS

WELL ID	CALCULATED K (m/sec)
MW-1B	9.44×10^{-6}
MW-2B	3.92×10^{-5}
MW-3B	$3.3\cancel{4}5 \times 10^{-5}$ SAL 7-24-89
MW-4B	7.82×10^{-5}
MW-5B	1.52×10^{-5}
MW-6B	4.75×10^{-5}
MW-7B	8.72×10^{-5}
MW-8B	7.47×10^{-5}
MW-9B	$2.2\cancel{6} \times 10^{-5}$ SAL 7-24-89
MW-10B	1.83×10^{-5}
MW-11B	1.76×10^{-6}
MW-12B	— (no test done)
MW-13B	9.52×10^{-6}

$\bar{K} = (3.1828 \times 10^{-56})^{1/12}$

$= 2.37 \times 10^{-5}$ m/sec

$= 2.4 \times 10^{-5}$ cm/sec

C-WELLS

WELL ID	CALCULATED K (m/sec)
MW-3C	6.94×10^{-5}
MW-7C	1.03×10^{-4} (geom. mean)
MW-9C	7.91×10^{-5}
MW-12C	4.62×10^{-5}

$\bar{K} = (K_3 \cdot K_7 \times K_9 \times K_{12})^{1/4}$

$\bar{K} = (2.6123 \times 10^{-17})^{1/4}$

$= 7.15 \times 10^{-5}$ m/sec

$= 7.1 \times 10^{-3}$ cm/sec

INTERNATIONAL TECHNOLOGY CORPORATION

3 10 01408

S. Logan Date 6-21-89 Subject Bluff Road - Slug Test Method Explanation Sheet No. 2 of 29

Chkd. By [illegible] Date 7/24/89 Proj. No. 406619

Hvorslev Slug Test Method

For cased well, with screen length (L_1-L_2) open to aquifer, and using pressure transducers as the water level indicator over time, the equation is

$$K = \frac{r^2}{2(L_1-L_2)(t_2-t_1)} \times \ln\left(\frac{L_1-L_2}{R}\right) \times \ln\left(\frac{H_g-H_1}{H_g-H_2}\right)$$

where K = hydraulic conductivity

L_1-L_2 = screen length open to aquifer, below water table.

r = radius of well

R = effective radius of test, taken as the borehole radius

H_g = static water level above transducer

H_1 = water level above transducer at time, t_1

H_2 = water level above transducer at time, t_2

Method: Raw data is broken down into elapsed time vs. a normalized head ratio, where the head ratio is expressed as

$$h = \frac{H_g-H_t}{H_g-H_o}$$

H_o = lowest water level obtained for test

H_t = water level at some time, t

From the graph of time vs. head ratios, draw a straight line through data. Most of the data makes a straight line anyways. From that line, pick two convenient data points ~~on that line~~ h_1 at t_1 and h_2 at t_2. ~~If h_1 and h_2 fall on actual data points, then get coarser~~ Then convert these two values into H_1 and H_2 using the head ratio equation.

Knowing the other variables, plug H_1 and H_2 and t_1 and t_2 into the Hvorslev equation and solve for K.

Hvorslev (using pressure transducers)

$$K = \frac{r^2}{2(L_1-L_2)(t_2-t_1)} * \ln\left(\frac{L-L_2}{R}\right) * \ln\left(\frac{H_g-H_1}{H_g-H_2}\right)$$

Head Ratio = $(H_g - H_t) / (H_g - H_o)$

H_g = static water level above transducer
H_o = lowest reliable point measured for test

Method: Take raw data from test and import it into Lotus.
In Lotus, convert the three time columns into an elapsed time value.
Erase any unneeded data.
Calculate head ratio values
Print resultant columns to a file → use unformatted (ASCII) mode
Import the newly created file and condense it to elapsed time and head ratio columns. Print file, unformatted to a new file.
Go to Grapher and go to work.

INTERNATIONAL TECHNOLOGY CORPORATION

3 10 01410 MW-1A

S. Logan Date 6-15-89 Subject Bluff Road - Slug Test Analysis for Sheet No. 4 of 29

Chkd. By [illegible] Date 7/24/89 MW-1A (First run) Proj. No. 408619

FILE: 1A1.DAT 5-10-89, 13:45

$H_s = 10.40$

$H_o = 9.14$

Elapsed time = 64 sec

$$\text{head ratio} = \frac{10.40 - H_t}{10.40 - 9.14} = \frac{10.40 - H_t}{1.26}$$

Conversion data file = 1A1DAT.DAT

Graph File = 1A1SLUG.DAT

From graph choose $h_1 = 0.50$ at $t_1 = 2$ sec

$h_2 = 0.06$ at $t_2 = 11$ sec

from hd. ratio eqn., at $t_1 = 2$ sec, $H_1 = 9.77$ ft $\Delta t = 9$ sec

at $t_2 = 11$ sec, $H_2 = 10.52$ ft

$R = 4" = 1/3$ ft

$r = 1" = 1/12$ ft

$L - L_2 = 10$ ft

$$K = \frac{(1/12)^2}{2(10)(9)} \ln\left(\frac{10}{1/3}\right) \ln\left(\frac{10.40 - 9.77}{10.40 - 10.52}\right)^{\substack{0.63 \\ .05}}$$

$= 3.858 \times 10^{-3} (\text{ft/sec}) \cdot 3.401 \times \ln 7.875$

$= 2.71 \times 10^{-4}$ ft/sec

$= 8.26 \times 10^{-5}$ m/sec

INTERNATIONAL TECHNOLOGY CORPORATION 3 10 01411MW-1A

J. Logan Date 6-15-89 Subject Beatt Road - Slug Test Analysis for Sheet No. 5 of 29

Chkd. By [illegible] Date 7/24/89 MW-1A (Second Run) Proj. No. 406619

File : 1A2.DAT 5-10-89, 14:00

H_0 = 11.06

H_0 = 9.38 ΔH = 1.68

Elapsed time = 34 sec (x100sec)

head ratio = $(11.06 - H_t)/1.68$

Conversion data File = 1A2DAT.DAT

Graph data File = 1A2SLUG.DAT

From graph choose Line #1: h_1 = 0.60 at t_1 = 2 sec

h_2 = 0.05 at t_2 = 9 sec

From hd ratio eqn; t_1 = 2 sec at H_1 = 10.05

t_2 = 9 sec at H_2 = 10.98

Line #2 :

OR h_1 = 0.078 at t_1 = 8 sec H_1 = 10.93

h_2 = 0.018 at t_2 = 16 sec H_2 = 11.03

R = 4" = 1/3 ft

r = 1" = 1/12 ft

$L_1 - L_2$ = 10 ft

Δt_1 = 7 sec

Δt_2 = 10 sec

$$K_1 = \frac{(1/12)^2}{2(10)(7)} \ln\left(\frac{10}{1/3}\right) \ln\left(\frac{11.06-10.05}{11.06-10.98}\right)^{1.01/.08}$$

$= 4.96\times10^{-5}\left(\frac{ft}{sec}\right) \times 3.401 \times \ln 12.625$

$= 4.28\times10^{-4}$ ft/sec

$= 1.30\times10^{-4}$ m/sec

$$K_2 = \frac{(1/12)^2}{2(10)(10)} \ln\left(\frac{10}{1/3}\right) \ln\left(\frac{11.06-10.93}{11.06-11.03}\right)$$

$= 3.472\times10^{-5}\left(\frac{ft}{sec}\right) \times 3.401 \times \ln 4.333$

$= 1.73\times10^{-4}$ ft/sec

$= 5.28\times10^{-5}$ m/sec

$$\bar{K} = (K_1 \times K_2)^{1/2} = 8.28\times10^{-5} \text{ m/sec}$$

File : 2A2.DAT 5-11-89, 17:36

$H_0 = 11.07$

$H_0 = 6.85$

Elapsed time = 362 sec

head ratio = $\frac{11.07 - H_t}{4.22}$

Conversion data File = 2A2 DAT.DAT

Graph data File = 2A2SLUG.DAT

choose $h_1 \cong .61$ at $t_1 = 7$ sec $H_1 = 8.50$ ft

$h_2 \cong 0.11$ at $t_2 = \frac{48}{44}$ sec $H_2 = 10.61$ ft

$R = 4' = 1/3$ ft

$r = 1'' = 1/12$ ft

$L_1 - L_2 = 10$ ft

$\Delta t = 37$ sec

$$K = \frac{(1/12)^2}{2(10)(37)} \ln\left(\frac{10}{1/3}\right) \ln\left(\frac{11.07 - 8.50}{11.07 - 10.61}\right)^{2.57}$$

$= 9.384 \times 10^{-6} \left(\frac{ft}{sec}\right) \times 3.401 \times \ln 5.587$

$= 5.49 \times 10^{-5}$ ft/sec

$= 1.67 \times 10^{-5}$ m/sec

INTERNATIONAL TECHNOLOGY CORPORATION 3 10 01413

MW-4A

Loaad Date 6-16-89 Subject BLUFF ROAD - SLUG TEST ANALYSIS FOR Sheet No. 7 of 29

Ckd. By ECP Date 7/24/89 MW-4A Proj. No. 408619

File: 4A2.DAT 5-10-89, ~~17:30~~ 18:00

H_s = ~~8.45~~ 8.14

H_o = 5.92

Elapsed ~~time~~ = 358 sec

head ratio = $\frac{8.14 - H_t}{2.22}$

Conversion data file = 4A2DAT.DAT

Graph data = 4A2SLUG.DAT

from graph Choose 2nd line; filter pack is exposed from ratio eqn

choose h_1 = .20 at t_1 = 14 sec H_1 = 7.70

h_2 = .13 at t_2 = 27 sec H_2 = 7.86

$L-L_2$ = length of screen open to water.

depth to screen top from surface = 7.5 ft

depth to water from top of casing = 12.02 ft

height of top of casing above ground = 2.53 ft

$L-L_2 = 10 - [(12.02 - 2.53) - 7.5] = 8$ ft

R = 4" = 1/3 ft

r = 1" = 1/12 ft

$L-L_2$ = 8 ft

Δt = 13 sec

$$K = \frac{(1/12)^2}{2(8)(13)} \ln\left(\frac{8}{1/3}\right) \ln\left(\frac{8.14 - 7.70}{8.14 - 1.86}\right)^{.44/.24}$$

$= 3.339 \times 10^{-5} (\text{Ft/sec}) \times 3.1781 \times \ln 1.571$

$= 4.80 \times 10^{-5}$ Ft/sec

$= 1.46 \times 10^{-5}$ m/sec

INTERNATIONAL TECHNOLOGY CORPORATION

3 10 01414
MW-7A

Fr [redacted].Logan Date 6-16-89 Subject Bluff Road - Slug Test Analysis for Sheet No. 8 of 29

nkd By [redacted] Date [redacted] MW-7A Proj. No. 408619

File: 7A2.DAT 5-13-89, 09:30

H_f = 10.07

H_0 = 7.04

Elapsed time = 199 sec

head ratio = $\frac{10.07 - H_t}{3.03}$

Converted data File = 7A2DAT.DAT

Graph file data = 7A2SLUG.DAT

from graph file; choose $h_1 = 0.56$ at $t_1 = 16$ sec $H_1 = 8.38$

$h_2 = 0.13$ at $t_2 = 74$ sec $H_2 = 9.69$

$R = 4" = 1/3$ ft

$r = 1" = 1/12$ ft

$L_1 - L_2 = 10$ ft

$\Delta t = 58$ sec

$$K = \frac{(r_{12})^2}{2(10)(58)} \ln\left(\frac{10}{1/3}\right) \ln\left(\frac{10.07 - 8.38}{10.07 - 9.69}\right)^{1.69}$$

$= 5.987 \times 10^{-6} (ft/sec) \times 3.401 \times \ln 4.447$

$= 3.04 \times 10^{-5}$ ft/sec

$= 9.27 \times 10^{-6}$ m/sec

INTERNATIONAL TECHNOLOGY CORPORATION

3 10 01415

MW-11A

[redacted] Date 6-16-89 Subject Bluff Road - Slug Test Analysis For Sheet No. 9 of 29

Chkd. By [redacted] Date 7/24/89 MW-11A Proj. No. 408619

File: 11A2.DAT 5-12-89, 14:20

$H_s = 9.883$

$H_o = 6.76$

Elapsed time = 56 sec

head ratio = $(9.83 - H_t)/3.07$

Conversion data file = 11A2DAT.DAT

Graph data file = 11A2SLG.DAT

from graph; choose $h_1 = 0.40$ at $t_1 = 7$ sec

$h_2 = 0.03$ at $t_2 = 8$ sec

[redacted]: length of screen open to water

[redacted] to screen top from ground surface: 8 ft

depth to H_2O from top of casing = 11.73 ft

height of top casing above ground = 2.56 ft

$L - L_2 = 10 - [(11.73 - 2.56) - 8]$

$= 8.8$ ft

from head ratio eqn: $H_1 = 8.60$

$H_2 = 9.92$

Use second line: filter pack contributing to 1st straight line.

choose $h_1 = .094$ at $t_1 = 5$ sec $H_1 = 9.54$

$h_2 = .02$ at $t_2 = 11$ sec $H_2 = 9.77$

$R = 4" = 1/3$ ft

$r = 1" = 1/12$ ft

$L_1 - L_2 = 8.80$ ft

$\Delta t = 6$ sec

$$K = \frac{(1/12)^2}{2(8.8)(6)} \ln\left(\frac{8.8}{1/3}\right) \ln\left(\frac{9.83 - 9.54}{9.89 - 9.77}\right)$$

$= 6.576 \times 10^{-5} \left(\frac{ft}{sec}\right) \times 3.273 \times \ln 4.8333$

$= 3.39 \times 10^{-4}$ ft/sec

$= 1.03 \times 10^{-4}$ cm/sec

INTERNATIONAL TECHNOLOGY CORPORATION

3 12 21416

MW-12A

Logan Date 6-17-89 Subject Bluff Road - Slug Test Analysis For Sheet No. 10 of 29

Chkd. By LCK Date 7/24/89 MW-12A Proj. No. 408619

File: 1242.DAT 5-13-89, 12:00

$H_f = 11.26$

$H_o = 9.60$

Elapsed time = 154 sec

head ratio = $(11.26 - H_t) / 1.66$

Conversion data file = 1242DAT.DAT

Graph data file = 1242SLG.DAT

from graph; choose $h_1 = 0.58$ at $t_1 = 3$ sec $H_1 = 10.38$

$h_2 = 0.09$ at $t_2 = 24$ sec

from hd ratio eqn: $H_2 = 11.11$

$R = 4' = 1/3$ ft

$r = 1" = 1/12$ ft

$L_1 - L_2 = 10$ ft

$\Delta t = 21$ sec

$$K = \frac{(1/12)^2}{2(10)(21)} \ln\left(\frac{10}{1/3}\right) \ln\left(\frac{11.26 - 10.38}{11.26 - 11.11}\right)^{.88/.15}$$

$= 1.653 \times 10^{-5}$ ft/sec $* 3.401 * \ln 5.8667$

$= 9.95 \times 10^{-5}$ ft/sec

$= 3.03 \times 10^{-5}$ m/sec

INTERNATIONAL TECHNOLOGY CORPORATION

3 10 01417

MW-1B

S. Logan Date 6-17-89 Subject Bluff Road - Slug Test Analysis for Sheet No. 11 of 89

Chkd. By [illegible] Date 7/24/89 MW-1B (First Run) Proj. No. 405619

File: 1B1.DAT 5-10-89, 15:20

$H_f = 10.42$

$H_o = 6.79$

Elapsed time = 383 sec.

head ratio = $(10.42 - H_t)/3.63$

Conversion data file = 1B1DAT.DAT

Graph file data = 1B1SLUG.DAT

from graph, choose $h_1 = .78$ at $t_1 = 8$ sec $H_1 = 7.62$

$h_2 = .19$ at $t_2 = 62$ sec $H_2 = 9.74$

$$K = \frac{(r/12)^2}{2(10)(54)} \ln\left(\frac{10}{1/3}\right) \ln\left(\frac{10.42 - 7.62}{10.42 - 9.74}\right)^{2.50/.68}$$

$R = 4" = 1/3$ ft

$r = 1" = 1/12$ ft

$L_1 - L_2 = 10$ ft

$\Delta t = 54$ sec

$= 6.430 \times 10^{-6} (ft/sec) \times 3.401 \times \ln 4.118$

$= 3.10 \times 10^{-5}$ ft/sec

$= 9.44 \times 10^{-6}$ m/sec

INTERNATIONAL TECHNOLOGY CORPORATION

3 10 01418

MW-1B

Date 6-17-89 Subject BLUFF ROAD - SLUG TEST ANALYSIS FOR Sheet No. 12 of 29

Date 7/24/2 MW-1B (SECOND RUN) Proj. No. 405619

FILE = 182.DAT 5-10-89, 15:40

$H_s = 10.44$

$H_o = 6.11$

Elapsed time = 253 sec

head ratio = $(10.44 - H_t)/4.33$

Conversion file data = 182DAT.DAT

Graph data = 182SLUG.DAT

from graph, choose $h_1 = .80$ at $t_1 = 6$ sec $H_1 = 6.99$

$h_2 = .24$ at $t_2 = 50$ sec $H_2 = 9.40$

$R = 4" = 1/3$ ft

$r = 1" = 1/12$ ft

$L_1 - L_2 = 10$ ft

$\Delta t = 44$ sec

$$K = \frac{(1/12)^2}{2(10)(44)} \ln\left(\frac{10}{1/3}\right) \ln\left(\frac{10.44 - 6.99}{10.44 - 9.40}\right)^{\frac{3.45}{1.04}}$$

$= 7.891 \times 10^{-6}$ (ft/sec) $\times 3.401 \times \ln 3.317$

$= \sout{3.25}$

$= 3.22 \times 10^{-5}$ ft/sec

$= 9.82 \times 10^{-6}$ m/sec

INTERNATIONAL TECHNOLOGY CORPORATION

3 10 01419

MW-2B

Logan Date 6-16-89 Subject Bluff Road - Slug Test Analysis for MW-2B Sheet No. 13 of 29

Chkd. By [illegible] Date 7/24/8[illegible] Proj. No. 408619

File : 2B1.DAT 5-12-89, 09:00

$H_g = 12.67$

$H_o = 8.49$

Elapsed time = 143 sec.

head ratio = $(12.67 - H_t)/4.18$

Conversion data file = 2B1DAT.DAT

Graph data = 2B1SLUG.DAT

from graph; choose $h_1 \cong$ ~~.35~~ .71 at $t_1 = 12$ $H_1 = 9.69$

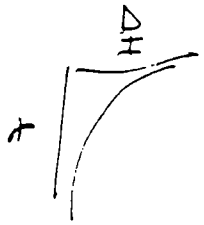
$h_2 \cong$ ~~.09~~ .10 at $t_2 = 20$ $H_2 = 12.25$

$R = 4" = 1/3$ ft

$r = 1" = 1/12$ ft

$L_1 - L_2 = 10$ ft

$\Delta t = 18$ sec



$$K = \frac{(1/12)^2}{2(10)(18)} \ln\left(\frac{10}{1/3}\right) \ln\left(\frac{12.67 - 9.69}{12.67 - 12.25}\right)^{2.98}_{.42}$$

$= 1.929 \times 10^{-5}$ (ft/sec) $\times 3.401 \times \ln 7.095$

$= 1.29 \times 10^{-4}$ ft/sec

$= 3.92 \times 10^{-5}$ m/sec

INTERNATIONAL TECHNOLOGY CORPORATION

3 10 01420

MW-3B

S. Logan Date 6-17-89 Subject Bluff Road - Slug Test Analysis for Sheet No. 14 of 29

hkd. By [illegible] Date 7/24/89 MW-3B (First Run on 5-8-89) Proj. No. 406619

File: 3B1.DAT 5-8-89, 17:45

$H_f = 10.47$

$H_s = 8.19$

Elapsed time = 48 sec

head ratio = $(10.47 - H_t)/2.28$

Conversion data file = 3B1DAT.DOT

Graph file = 3B1SLUG.DAT

from graph. choose $h_1 = .81$ at $t_1 = 2$ sec $H_1 = 8.60$

$h_2 = .089$ at $t_2 = 26$ sec $H_2 = 10.27$.

$r = 1" = 1/12$ ft

$R = 4" = 1/3$ ft

$L_1 - L_2 = 10$ ft

$\Delta t = 24$ sec

$$K = \frac{(1/12)^2}{2(10)(24)} \ln\left(\frac{10}{1/3}\right) \ln\left(\frac{10.47 - 8.60}{10.47 - 10.27}\right)_{0.20}^{1.87}$$

$= 1.447 \times 10^{-5} \left(\frac{ft}{sec}\right) \times 3.401 \times \ln 9.350$

$= 1.10 \times 10^{-4}$ ft/sec

$= 3.36 \times 10^{-5}$ m/sec

INTERNATIONAL TECHNOLOGY CORPORATION

3 10 01421

MW-3B

[redacted] Logan Date 6-17-89 Subject Bluff Road - Slug Test Analysis for Sheet No. 15 of 29

.nkd. By K.F Date 7/24/89 MW-3B (second run on 5-10-89) Proj. No. 406619

File: 384.DAT

5-10-89, 10:00

$H_s = 15.06$

$H_o = 11.07$

Note: 384.DAT data is 1/3 of actual values for "h" because of the transferring program on data logger. An interim data file was created 384INT.DAT which compensates for this change.

Elapsed time = 298 sec

head ratio = $(15.06 - H_t)/3.99$

Conversion data file = 384DAT.DAT

Graph file = 384SLUG.DAT

from graph, choose $h_1 = .57$ at $t_1 = 8$ sec $\quad H_1 = 12.84$

$h_2 = .069$ at $t_2 = 37$ sec $\quad H_2 = 14.79$

$$K = \frac{(1/12)^2}{2(10)(29)} \ln\left(\frac{10}{1/3}\right) \ln\left(\frac{15.06 - 12.84}{15.06 - 14.79}\right)^{2.22}_{0.27}$$

$R = 4' = 1/3$ ft

$r = 1'' = 1/12$ ft

$L_1 - L_2 = 10$ ft

$\Delta t = 29$ sec

$= 1.197 \times 10^{-5}$ (ft/sec) $\times 3.401 \times \ln 8.222$

$= 8.58 \times 10^{-5}$ ft/sec

$= 2.62 \times 10^{-5}$ m/sec

INTERNATIONAL TECHNOLOGY CORPORATION 3 10 01422

MW-4B

Logan Date 6-18-89 Subject Bluff Road - Slug Test Analysis for Sheet No. 16 of 29

Chkd. By [illegible] Date 7/24/91 MW-4B Proj. No. 405619

File: 4B2.DAT 5-12-89; 10:45

$H_g = 12.25$

$H_o = 8.62$

Elapsed time = 97 sec

head ratio = $(12.25 - H_t)/3.63$

Conversion data file = 4B2DAT.DAT

Graph file = 4B2SLUG.DAT

from graph; choose $h_1 = .60$ at $t_1 = 2$ sec $H_1 = 10.09$

$h_2 = .105$ at $t_2 = 10$ sec $H_2 = 11.87$

$L = 8\frac{1}{4}' = \frac{1}{3}$ ft

$L_1 - L_2 = 10$ ft

$r = \frac{1}{12}$ ft

$$K = \frac{(1/12)^2}{2(10)(10-2)} \ln\left(\frac{10}{1/3}\right) \ln\left(\frac{12.25-10.09}{12.25-11.87}\right)^{2.16/.31}$$

$= 4.34 \times 10^{-5}$ (ft/sec) $\times$ 3.401 = Ln 5.684

$= 2.56 \times 10^{-4}$ ft/sec

$= 7.82 \times 10^{-5}$ m/sec

INTERNATIONAL TECHNOLOGY CORPORATION

3 10 01423

MW-5B

E Logan Date 6-19-89 Subject Bluff Road - Slug Test Analysis for MW-5B Sheet No. 17 of 29

ıkd. By [illegible] Date 7/24/89 Proj. No. 408619

File: 5B1.DAT 5-11-89, 14:20

$H_g = 12.51$

$H_o = 8.03$

Elapsed time = 401 sec

$$\text{head ratio} = \frac{12.51 - H_t}{4.48}$$

Conversion data file = 5B1DAT.DAT

Graphing data file = 5B1SLUG.DAT

From graph file — choose $h_1 \cong .60$ at $t_1 \cong 9$

$h_2 \cong .14$ at $t_2 \cong 44$

$t_1 = 9$ sec $H_1 = 9.83$

$t_2 = 44$ sec $H_2 = 11.90$

$r = 1/12$ ft $\Delta t = 35$ sec

$R = 1/3$ ft

$L_1 - L_2 = 10$ ft

$$K = \frac{(1/12)^2}{2(10)(35\text{ sec})} \ln\left(\frac{10}{1/3}\right) \ln\left(\frac{12.51 - 9.83}{12.51 - 11.90}\right)^{2.68}_{0.61}$$

$= 9.921 \times 10^{-6} (\text{ft/sec}) \times 3.401 \times \ln 4.393$

$= 4.99 \times 10^{-5}$ ft/sec

$= 1.52 \times 10^{-5}$ m/sec

3 10 01424

INTERNATIONAL TECHNOLOGY CORPORATION

MW-6B

S. Logan Date 6-18-89 Subject Bluff Road - Slug Test Analysis for MW-6B Sheet No. 18 of 29

Chkd. By [illegible] Date 7/24/89 Proj. No. 405619

File : 6B1.DAT 5-11-89 ; 9:10

$H_0 = 13.01$

$H_0 = 9.63$

Elapsed time = 252 sec

head ratio = $(13.01 - H_t)/3.38$

Conversion data file = 6B1DAT.DAT

Graph file = 6B1SLUG.DAT

from graph, choose $h_1 = .49$ at $t_1 = 3$ $H_1 = 11.37$

$h_2 = .15$ at $t_2 = 12$ $H_2 = 12.51$

$R = 4" = 1/3$ ft

$r = 1" = 1/12$ ft

$L_1 - L_2 = 10$ ft

$\Delta t = 9$ sec

$$K = \frac{(1/12)^2}{2(10)(9)} \times \ln\left(\frac{10}{1/3}\right) \times \ln\left(\frac{13.01 - 11.37}{13.01 - 12.51}\right)^{1.64/0.5}$$

$= 3.858 \times 10^{-5} \text{ (ft/sec)} \times 3.401 \times \ln 3.280$

$= 1.56 \times 10^{-4}$ ft/sec

$= 4.75 \times 10^{-5}$ m/sec

1.97 6.015

3.13 4.54

INTERNATIONAL TECHNOLOGY CORPORATION

3 19 01425

MW-7B

Logan Date 6-19-89 Subject Bluff Road - Slug Test Analysis for MW-7B Sheet No. 19 of 29

Chkd. By [illegible] Date 7/24/89 Proj. No. 408619

File: 7B1.DAT 5-13-89; 08:30

$H_g = 13.30$

$H_o = 10.51$

Elapsed time = 128 sec.

head ratio = $(13.30 - H_f) / 2.79$

Conversion data file = 7B1DAT.DAT

Graph file = 7B1SLUG.DAT

from graph: 2 lines; on first choose $h_1 = .69$ at $t_1 = 1$ sec $H_1 = 11.42$

$h_2 = .061$ at $t_2 = 4$ sec $H_2 = 13.07$

on second line, choose $h_1 = .061$ at $t_1 = 5$ sec $H_1 = 13.13$

$h_2 = .030$ at $t_2 = 14$ sec $H_2 = 13.22$ ← from h.r. eq

$$K_1 = \frac{(1/12)^2}{2(10)(3)} \ln\left(\frac{10}{1/3}\right) \ln\left(\frac{13.30-11.42}{13.30-13.07}\right)^{1.88}$$

$R = 4'' = 1/3$ ft

$r = 1'' = 1/12$ ft

$L_1 - L_2 = 10$ ft

$\Delta t_1 = 3$ sec

$\Delta t_2 = 9$ sec

$= 1.157 \times 10^{-4}$ (ft/sec) $\times 3.401 \times \ln 8.174$

$= 8.27 \times 10^{-4}$ ft/sec

$= 2.52 \times 10^{-4}$ m/sec

$$K_2 = \frac{(1/12)^2}{2(10)(9)} \ln\left(\frac{10}{1/3}\right) \ln\left(\frac{13.30-13.13}{13.30-13.22}\right)^{.17}_{.08}$$

$= 3.858 \times 10^{-5}$ (ft/sec) $\times 3.401 \times \ln 2.125$

$= 9.89 \times 10^{-5}$ ft/sec

$= 3.02 \times 10^{-5}$ m/sec

$\bar{K} = \sqrt{K_1 \times K_2} = 8.72 \times 10^{-5}$ m/sec

3 19 01426

INTERNATIONAL TECHNOLOGY CORPORATION

MW-8B

[redacted] Logan Date 6-15-89 Subject Bluff Road - Slug Test Analysis for Sheet No. 20 of 29

Chkd. By EAF Date 7/24/89 MW-8B Proj. No. 406619

File: 8B8.DAT 5-14-89, 16:00

$H_f = 12.85$

$H_o = 8.42$

Elapsed time = 38 sec

head ratio = $(12.85 - H_t)/4.43$

Conversion data file = 8B8DAT.DAT

Graph file = 8B8SLUG.DAT

from graph; choose $h_1 = .51$ at $t_1 = 37$ sec $H_1 = 10.61$

$h_2 = .023$ at $t_2 = 2018$ $H_2 = 12.75$

$r = 1" = 1/12$ ft

$R = 4" = 1/3$ ft

$L - L_2 = 10$ ft

$\Delta t = 15$ sec

$$K = \frac{(1/12)^2}{2(10)(15)} \ln\left(\frac{10}{1/3}\right) \ln\left(\frac{12.85 - 10.61}{12.85 - 12.75}\right)^{2.24} 0.1$$

$= 2.315 \times 10^{-5} (\text{Ft/sec}) \times 3.401 \times \ln 22.4$

$= 2.45 \times 10^{-4}$ Ft/sec

$= 7.47 \times 10^{-5}$ m/sec

INTERNATIONAL TECHNOLOGY CORPORATION 3 10 01427

MW-9B

S. Logan Date 6-19-89 Subject Bluff Road - Slug Test Analysis for Sheet No. 21 of 29

Chkd. By EJF Date 7/24/89 MW-9B Proj. No. 406619

File: 98511.DAT 5-11-89; 15:45

H_s = 11.98

H_o = 7.07

Elapsed time = 333 sec.

head ratio = $(11.98 - H_t)/4.91$

Conversion file data: 981DAT.DAT

Graph file: 981SLUG.DAT

from graph; choose $h_1 = .78$ at $t_1 = 3$ $H_1 = 8.14$

$h_2 = .098$ at $t_2 = 36$ $H_2 = 11.50$

$r = 1" = 1/12$ ft

$R = 4" = 1/3$ ft

$L_1 - L_2 = 10$ ft

$\Delta t = 33$ sec

$$K = \frac{(1/12)^2}{2(10)(33)} \ln\left(\frac{10}{1/3}\right) \ln\left(\frac{11.98 - 8.14}{11.98 - 11.50}\right)^{3.64}$$

$= 1.052 \times 10^{-5} (ft/sec) \times 3.401 \times \ln 8.00$

$= 7.44 \times 10^{-5}$ ft/sec

$= 2.27 \times 10^{-5}$ m/sec

INTERNATIONAL TECHNOLOGY CORPORATION 3 10 01428

MW-10B

.LOGAN Date 6-16-89 Subject BLUFF ROAD - SLUG TEST ANALYSIS FOR MW-10B (FIRST RUN) Sheet No. 22 of 29

.ikd. By PEP Date 7/24/89 Proj. No. 406619

File: 10B1.DAT

$H_g = 13.53$
$H_o = 8.76$

Elapsed time from 0 to 603 sec

$$hd\ ratio = \frac{H_g - H_t}{H_g - H_o} = \frac{13.53 - H_t}{4.77}$$

File of min. sec, h_t, dec hrs, seconds, elapsed time, hd. ratio = 10B1DAT.DAT
Graph data file = 10B1SLG.DAT
From graph file 10B1.GRF
choose $h_1 \cong .62$ at $t_1 \cong 8$ sec
$h_2 \cong .23$ at $t_2 \cong 27$ sec

$t_1 = 7$ sec $H_1 = 10.57$
$t_2 = 27$ sec $H_2 = 12.46$

$r = 1/12$ ft
$L_1 - L_2 = 10$ ft
$R = 0.333$ ft

$$K = \frac{(1/12\ ft)^2}{2(10ft)(20sec)} \times \ln\left(\frac{10}{1/3}\right) \times \ln\left(\frac{13.53 - 10.57}{13.53 - 12.46}\right)^{2.96/1.07}$$

$= 1.736 \times 10^{-5}$ ft/sec $\times 3.401 \times \ln 2.766$
$= 6.01 \times 10^{-5}$ ft/sec
$=$ ~~[illegible]~~ m/sec
1.83×10^{-5}

INTERNATIONAL TECHNOLOGY CORPORATION

MW-10B

Logan Date 6-17-89 Subject Bluff Road - Slug Test Analysis for Sheet No. 23 of 29

Chkd. By [illegible] Date 7/24/89 MW-10B (second run) Proj. No. 406619

File: 10B2.DAT 5-11-89, 11:30

$H_f = 13.54$

$H_0 = 9.14$

Elapsed time from 0 to 291 sec

head ratio = $(13.54 - H_t) / 4.40$

Resulting converted data = 10B2DAT.DAT

Graphed data = 10B2SLG.DAT

Graph File = 10B2

choose $h_1 \cong .62$ at $t_1 \cong 8$

$h_2 \cong .24$ at $t_2 \cong 23$

$t_1 = 7$ sec $H_1 = 10.80$ ft

$t_2 = 24$ sec $H_2 = 12.46$ ft

$$K = \frac{(L_{12})^2}{2(10)(17)} \ln\left(\frac{10}{1_3}\right) \ln\left(\frac{13.54 - 10.80}{13.54 - 12.46}\right)^{\frac{2.74}{1.08}}$$

$= 2.042 \times 10^{-5} \left(\frac{ft}{sec}\right) \times 3.401 \times \ln 2.537$

$= 6.47 \times 10^{-5}$ ft/sec

$= 1.97 \times 10^{-5}$ m/sec

INTERNATIONAL TECHNOLOGY CORPORATION

MW-11B

J. Logan Date 6-19-89 Subject Bluff Road - Slug Test Analysis for Sheet No. 24 of 29

hkd. By [illegible] Date 7/24/89 MW-11B Proj. No. 406619

File: 11B1.DAT 5-12-89; 13:45

$H_g = 11.84$

$H_o = 6.96$

Elapsed time = 673 min

head ratio = $(11.84 - H_t)/4.88$

Conversion data file = 11B1DAT.DAT

Graph data file = 11B1SLG.DAT

from graph; choose $h_1 = 0.50$ at $t_1 = 20$ sec $H_1 = 7.98$

$h_2 = 0.10$ at $t_2 = 443$ sec $H_2 = 11.35$

$R = 4" = 1/3$ Ft

$r = 1" = 1/12$ Ft

$L_1 - L_2 = 10$ Ft

$\Delta t = 423$ sec

$$K = \frac{(1/12)^2}{2(10)(423)} \ln\left(\frac{10}{1/3}\right) \ln\left(\frac{11.84-7.98}{11.84-11.35}\right)^{3.86/0.49}$$

$= 8.209 \times 10^{-7} (Ft/sec) \times 3.401 \times \ln 7.878$

$= 5.76 \times 10^{-6}$ Ft/sec

$= 1.76 \times 10^{-6}$ m/sec

[now choose $h_1 = 0.50$ at $t_1 = 20$ $H_1 = 7.98$

$h_2 = 0.20$ at $t_2 = 298$ $H_2 = 10.85$] $\Delta t = 278$

$$K = \frac{(1/12)^2}{2(10)(278)} \ln\left(\frac{10}{1/3}\right) \ln\left(\frac{11.84-7.98}{11.84-10.85}\right)^{3.86/.99}$$

$= 1.25 \times 10^{-6} (Ft/sec) \times 3.401 \times \ln 3.90$

$= 5.78 \times 10^{-6}$ Ft/sec

$= 1.76 \times 10^{-6}$ m/sec

3 10 01431

INTERNATIONAL TECHNOLOGY CORPORATION

MW - 13B

S. Logan Date 6-17-89 Subject Bluff Road - Slug Test Analysis for MW-13B Sheet No. 25 of 29

Chkd. By [illegible] Date 7/24/89 Proj. No. 408619

File: 13B1.DAT 5-13-89, 15:15

$H_f = 12.51$ ft
$H_o = 6.35$ ft

$ft/s \times \frac{1\,m}{3.28\,ft}$

Elapsed time = 260 sec

$$\text{head ratio} = \frac{12.51 - H_t}{12.51 - 6.35} = \frac{12.51 - H_t}{6.16}$$

Resulting conversions data file = 13B1DAT.DAT
Graphing data file = 13B1SLG.DAT

from graph file: $h_1 \cong .57$ at $t_1 \cong 12$ sec
$h_2 \cong .12$ at $t_2 \cong 72$ sec

$t_1 = 12$ sec at $H_1 = 8.99$ ft
$t_2 = 71$ sec at $H_2 = 11.77$ ft

$r = 1/12$ ft
$R = 1/3$ ft
$L_1 - L_2 = 10$ ft

$$K = \frac{(1/12)^2}{2(10)(71-12)} \ln\left(\frac{10}{1/3}\right) \ln\left(\frac{12.51 - 8.99}{12.51 - 11.77}\right)_{0.74}^{3.52}$$

(59)

$= 5.885 \times 10^{-6}$ (ft/sec) $\times 3.401 \times \ln 4.757$

$= 3.12 \times 10^{-5}$ ft/sec

$= 9.52 \times 10^{-6}$ m/sec

3 10 01432

INTERNATIONAL TECHNOLOGY CORPORATION

MW-12C

[redacted] Date 6-19-89 Subject Bluff Road - Slug Test Analysis for Sheet No. 26 of 29

[redacted] Date 7/24/89 MW-12C Proj. No. 406619

File: 12C1.DAT 5-14-89, 11:00

$H_g = 18.64$

$H_0 = 14.09$

Elapsed time = 151 sec

head ratio = $(18.64 - H_t) / 4.55$

Conversion File data = 12C1DAT.DAT

Graph data file = 12C1SLG.DAT

from graph choose $h_1 = .44$ at $t_1 = 4$ sec $H_1 = 16.64$ ft

$h_2 = .094$ at $t_2 = 17$ sec $H_2 = 18.21$ ft

$R = 3'' = 1/4$ ft

$r = 1'' = 1/12$ ft

$L_1 - L_2 = 10$ ft

$$K = \frac{(1/12)^2}{2(10)(13 \text{ sec})} \ln\left(\frac{10}{1/4}\right) \ln\left(\frac{18.64 - 16.64}{18.64 - 18.21}\right)$$

$= 2.671 \times 10^{-5} \left(\frac{\text{Ft}}{\text{sec}}\right) \times 3.689 \times \ln 4.651$

$= 1.52 \times 10^{-4}$ Ft/sec

$= 4.62 \times 10^{-5}$ m/sec

3 10 01433

INTERNATIONAL TECHNOLOGY CORPORATION

MW-3C

Logan Date 6-20-89 Subject Bluff Road - Slug Test Analysis for Sheet No. 27 of 29

Ikd. By [illegible] Date 7/24/89 MW-3C Proj. No. 406619

File 3C2.DAT 5-13-89 ; 16:40

$H_g = 18.46$

$H_o = 14.49$

elapsed time = 70 sec

head ratio = $(18.46 - H_t) / 3.97$

Conversion file name = 3C2DAT.DAT

Graph data file = 3C2SLUG.DAT

from graph; choose line 2 $h_1 = .16$ at $t_1 = 7$ sec $H_1 = 17.84$

$h_2 = .055$ at $t_2 = 17$ sec $H_2 = 18.24$

OR ~~$h_1 = 0.61$ at $t_1 = 2$ sec~~ ~~$H_1 = 15.99$~~

~~$h_2 = 0.10$ at $t_2 = 7$ sec~~ ~~$H_2 = 18.06$~~ [~~from H_2 eqn~~]

line #1 choose $h_1 = .85$ at $t_1 = 1$ $H_1 = 15.10$

$h_2 = .18$ at $t_2 = 6$ $H_2 = 17.73$

$$K_1 = \frac{(1/12)^2}{2(10)(5)} \ln\left(\frac{10}{1/4}\right) \ln\left(\frac{18.46 - 15.10}{18.46 - 17.73}\right)^{\frac{3.5}{0.75}}$$

$= 6.944 \times 10^{-5} (ft/sec) \times 3.689 \times \ln 4.603$

$= 3.91 \times 10^{-4}$ ft/sec

$= 1.19 \times 10^{-4}$ m/sec

$R = 3'' = 1/4$ ft

$r = 1'' = 1/12$ ft

$L_1 - L_2 = 10$ ft

$\Delta t_1 = 5$

$\Delta t_2 = 10$

$$K_2 = \frac{(1/12)^2}{2(10)(10)} \ln\left(\frac{10}{1/4}\right) \ln\left(\frac{18.46 - 17.64}{18.46 - 18.24}\right)^{.62}$$

$= 3.472 \times 10^{-5} (ft/sec) \times 3.689 \times \ln 2.818$

$= 1.327 \times 10^{-4}$ ft/sec

$= 4.05 \times 10^{-5}$ m/sec

$$\bar{K} = (K_1 \times K_2)^{1/2} = 6.94 \times 10^{-5} \text{ m/sec}$$

3 10 01434

INTERNATIONAL TECHNOLOGY CORPORATION

MW-7C

LOGAN Date 6-18-89 Subject BLUFF ROAD - SLUG TEST ANALYSIS FOR Sheet No. 28 of 29

Chkd. By [illegible] Date 7/24/89 MW-7C Proj. No. 406619

File: 7C1.DAT 5-14-89, 14:30

$H_g = 18.53$

$H_o = 14.60$

Elapsed time = 33 sec

head ratio = $(18.53 - H_t)/3.93$

Conversion data file = 7C1DAT.DAT

Graph data file = 7C1SLUG.DAT

from graph; two distinct lines:

line #1; choose $h_1 = .57$ at $t_1 = 2$; $H_1 = 16.28$

$h_2 = .101$ at $t_2 = 67$; $H_2 = 18.12$

line #2; choose $h_1 = .101$ at $t_1 = 67$; $H_1 = 18.12$

$h_2 = .021$ at $t_2 = 15$; $H_2 = 18.45$

$$K_1 = \frac{(1/12)^2}{2(10)(5)} \ln\left(\frac{10}{1/4}\right) \ln\left(\frac{18.53-16.28}{18.53-18.12}\right)^{2.25}_{.41}$$

$= 6.944 \times 10^{-5} (Ft/sec) \times 3.689 \times \ln 5.488$

$= 4.36 \times 10^{-4} (Ft/sec)$

$= 1.33 \times 10^{-4}$ m/sec

$R = 3'' = 1/4$ ft

$r = 1'' = 1/12$ ft

$L_1 - L_2 = 10$ ft

$\Delta t_1 = 5$

$\Delta t_2 = 8$

$$K_2 = \frac{(1/12)^2}{2(10)(8)} \ln\left(\frac{10}{1/4}\right) \ln\left(\frac{18.53-18.12}{18.53-18.45}\right)^{.41}_{.08}$$

$= 4.340 \times 10^{-5} (Ft/sec) \times 3.689 \times \ln 5.125$

$= 2.62 \times 10^{-4}$ Ft/sec

$= 7.98 \times 10^{-5}$ m/sec

$$\bar{K} = (K_1 \times K_2)^{1/2} = 1.03 \times 10^{-4} \text{ m/sec}$$

INTERNATIONAL TECHNOLOGY CORPORATION 3 10 01435

MW-9C

S. Logan Date 6-20-89 Subject Bluff Road - Slug Test Analysis for MW-9C Sheet No. 29 of 29

Chkd. By [illegible] Date 7/24/89 Proj. No. 406619

File: 9C2.DAT 5-14-89, 12:20

$H_g = 19.79$

$H_o = 16.92$

(low conf.)

Elapsed time = 140 sec

head ratio = $(19.79 - H_t)/2.87$

Conversion data file = 9C2DAT.DAT

Graph file data = 9C2SLUG.DAT

from graph - interpolate data; choose $h_1 = 0.60$ at $t_1 = 2$ sec

$h_2 = .01$ at $t_2 = 22$ sec

from hd ratio equation $H_1 = 18.07$

$H_2 = 19.76$

$R = 3" = 1/4$ ft

$r = @1" = 1/12$ ft

$L_1 - L_2 = 10$ ft

$$K = \frac{(1/12)^2}{2(10)(20\text{ sec})} \ln\left(\frac{10}{1/4}\right) \ln\left(\frac{19.79 - 18.07}{19.79 - 19.76}\right)$$

$= 1.736 \times 10^{-5} \left(\frac{ft}{sec}\right) \times 3.689 \times \ln 5733$

$= 2.59 \times 10^{-4}$ ft/sec

$= 7.91 \times 10^{-5}$ m/sec