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NTC ORLANDO
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FINAL REMEDIAL INVESTIGATION REPORT REVISION 2 FOR OPERABLE UNIT 2 (OU 2) MCCOY ANNEX LANDFILL VOLUME 2 OF 3 APPENDICES A THROUGH C NTC ORLANDO FL

3/7/2001

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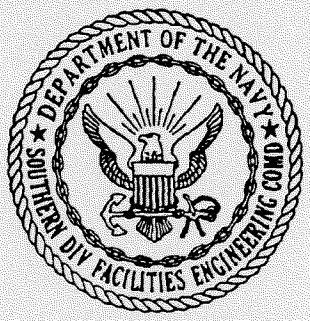
REMEDIAL INVESTIGATION REPORT

for

OPERABLE UNIT 2
McCOY ANNEX LANDFILL

Naval Training Center
Orlando, Florida

VOLUME II OF III
(APPENDICES A - C)



Southern Division
Naval Facilities Engineering Command
Contract Number N62467-94-D-0888
Contract Task Order CTO-0024

MARCH 2001

TETRA TECH NUS, INC.
800 Oak Ridge Turnpike, A-600 ▪ Oak Ridge, Tennessee 37830
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0301-I028

March 7, 2001

Commanding Officer
SOUTHNAVFACENGCOM
ATTN: Ms. Barbara Nwokike, Code 1873
P.O. Box 190010
2155 Eagle Drive
North Charleston, SC 29419-9010

Subject: Final Remedial Investigation Report (Rev. 2), Operable Unit 2, McCoy Annex Landfill
Naval Training Center, Orlando, Florida
Reference: CLEAN Contract No. N62467-94-D-0888
Contract Task Order No. 0024

Dear Ms. Nwokike:

Enclosed are two copies of the final to Remedial Investigation Report for OU 2. One of the copies has been provided for the Administrative Record. A copy has also been forwarded to Wayne Hansel for the Information Repository at the Orange County Public Library.

This revision contains the following information:

- Changes to Rev. 1 of the Remedial Investigation Report (draft final), issued in March 2000, that resulted from FDEP and USEPA review comments.

- New data from direct push screening activities performed in September 2000 and February 2001.

Please contact me at (865) 220-4730 if you have any questions regarding the report.

Sincerely,

Steven B. McCoy, P.E.
Task Order Manager

SBM:msc

Enclosures (2)

c: Mr. Wayne Hansel, SOUTHNAVFACENGCOM (3)
Mr. David Grabka, FDEP (2)
Ms. Nancy Rodriguez, USEPA Region IV (2)
Mr. Michael Campbell, Tetra Tech NUS
Ms. Jacque Van Audenhove, Tetra Tech NUS
Ms. Debbie Wroblewski, Tetra Tech NUS (cover letter only)
Mr. Mark Perry, Tetra Tech NUS (unbound)
Mr. Steve Tsangaris, CH2M Hill
Mr. Richard Allen, Harding Lawson Associates
File/Edb

REMEDIAL INVESTIGATION REPORT

for

OPERABLE UNIT 2
McCOY ANNEX LANDFILL

Naval Training Center
Orlando, Florida

VOLUME II OF III
(APPENDICES A - C)

Southern Division
Naval Facilities Engineering Command
Contract Number N62467-94-D-0888
Contract Task Order CTO-0024

MARCH 2001

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BORING LOG

PROJECT NAME: NTC Orlando
PROJECT NUMBER: 2457
DRILLING COMPANY: Ground Water Injection
DRILLING RIG: Diedrich D-120
BORING NUMBER: ~~Well #~~ OLD-042-01A
DATE: 6-1-98
GEOLOGIST: Tom Nicotra
DRILLER: Jim

Sample No. and Type or RQD	Depth (Ft.) or Run No.	Blows / 6" or RQD (%)	Sample Recovery / Sample Length	Lithology Change (Depth/Ft.) or Screened Interval	MATERIAL DESCRIPTION: Soil Density/ Consistency or Rock Hardness	Color	Material Classification	USCS *	Remarks	PID/FID Reading (ppm): Sample	Sampler BZ	Borehole**	Driller BZ**
		NA	6" 6"			LT.	TAN Fine Grain Sand		Backfilled To 4'BLS				
	2'	NA	6" 6"										
		NA	6" 6"			LT	TAN + LT. Brown Fine Grain Sand						
	4'	NA	6" 6"										
	6'												
	8'												
	10'												
	12'												
	14'												
	15'												

* When rock coring, enter rock brokeness.

** Include monitor reading in 6 foot intervals @ borehole. Increase reading frequency if elevated reponse read.

Remarks:

Drilling Area Background (ppm): 0/0/0

Converted to Well: Yes ✓ No _____ Well I.D. #: OLD-042-01A

BORING LOG

PROJECT NAME: NTC Orlando
PROJECT NUMBER:
DRILLING COMPANY: Groundwater Protection
DRILLING RIG: Diedrich D-120
BORING NUMBER: OLD-042-01B
DATE: 6-1-98
GEOLOGIST: Thomas Nicotera
DRILLER: Jim Hirst

Sample No. and Type or RQD	Depth (Ft.) or Run No.	Blows / 6" or RQD (%)	Sample Recovery / Sample Length	Lithology Change (Depth/Ft.) or Screened Interval	MATERIAL DESCRIPTION: Soil Density/ Consistency or Rock Hardness	Color	Material Classification	USCS *	Remarks	PID/FID Reading (ppm): Sample	Sampler BZ	Borehole**	Driller BZ**
		NA	NA			TAN/ORG	Fine Sand		Lost Holed To				
	2'	NA	NA						4' bls				
		NA	NA										
	4'	NA	NA										
* 5'		7/10	6'/6"						Started Split Spoons				
	6'	15/18	6'/6'			TAN	Fine Sand		4' To Borehole Terminated	0 ppm	0 ppm	0 ppm	0 ppm
		5/5	6/6				7' bls Hit Water Table						
	8'	7/4	6/6			LT. Brown	Fine Sand						
		4/4	6/6										
* 10'	10'	5/5	6"/6"			LT Brown	Fine Silty Sand.			0 ppm	0 ppm	0 ppm	
		4/5	6/6										
	12'	6/6	6/6			LT Brown	Fine Silt Sand						
		6/4	6/6										
	14	5/5	6/6			LT Brown	Fine Sand						
* 15'		6/6	6/6										
	16	5/5	6/6			LT Brown	Fine Sand						
		4/4	6/6										
	18	5/6	6/6			LT Brown	Fine Sand						
		5/5	6/6										
* 20'	20	5/5	6/6			LT Brown	Fine Sand		RAD=13	0 ppm	0 ppm	0 ppm	0 ppm
		6/5	6/6										
	22	5/4	6/6			LT. Brown	Fine Sand						
		4/4	6/6										
	24	4/5	6/6			LT Brown	Fine Sand						
* 25'		2/3	6/6										

* When rock coring, enter rock brokeness.

** Include monitor reading in 6 foot intervals @ borehole. Increase reading frequency if elevated reponse read.

Remarks: * means Sample collected Here

Drilling Area Background (ppm): 0 ppm

Converted to Well: Yes ✓ No _____ Well I.D. #: OLD-042-01B

BORING LOG

PROJECT NAME: NTC Orlando
PROJECT NUMBER:
DRILLING COMPANY: Groundwater Protection
DRILLING RIG: Diedrich D-120
BORING NUMBER:
DATE: 6-1-98
GEOLOGIST: Thomas Nicotera
DRILLER: Jim Hinst

Sample No. and Type or RQD	Depth (Ft.) or Run No.	Blows / 6" or RQD (%)	Sample Recovery / Sample Length	Lithology Change (Depth/Ft.) or Screened Interval	MATERIAL DESCRIPTION: Soil Density/ Consistency or Rock Hardness	Color	Material Classification	USCS *	Remarks	PID/FID Reading (ppm): Sample	Sampler BZ	Borehole**	Driller BZ**
	26'	5/6	6/6			LT Brown/Grey	Fine sand						
		4/5	6/6										
	28'	10/10	6/6			LT. Brown/Grey	Fine sand			0 ppm	0 ppm	0 ppm	0 ppm
		8/10	6/6										
*	30'	30' 10/12	6/6	2" clay		LT Brown	Silty + Grey clay		About 2" of clay starting				
	31'	8/5	6/6				LT Brown silty sand +						
*	32'	6/6	6/6	1'	(All clay)	1' of	Blue Greenish clay		Mostly clay				

* When rock coring, enter rock brokeness.

** Include monitor reading in 6 foot intervals @ borehole. Increase reading frequency if elevated reponse read.

Remarks: Well To be set @ 30' bls. ; * means sample collected here.

Drilling Area Background (ppm): 0 ppm

Converted to Well: Yes ✓ No _____ Well I.D. #: _____

BORING LOG

PROJECT NAME: NTC Orlando
PROJECT NUMBER: 7457
DRILLING COMPANY: GPI
DRILLING RIG: Diedrich D-120
BORING NUMBER: OLD-042-B2A
DATE: 6/1
GEOLOGIST: GB
DRILLER: Nick

Sample No. and Type or RQD	Depth (Ft.) or Run No.	Blows / 6" or RQD (%)	Sample Recovery / Sample Length	Lithology Change (Depth/Ft.) or Screened Interval	MATERIAL DESCRIPTION: Soil Density/ Consistency or Rock Hardness	MATERIAL DESCRIPTION: Color	MATERIAL DESCRIPTION: Material Classification	USCS *	Remarks	PID/FID Reading (ppm): Sample	Sampler BZ	Borehole**	Driller BZ**
		NA				Lt. Brn	sand, medium		post hole to	ND	ND	ND	ND
	2'						grained, well sorted		4 ft.				
							↓		↓				
	4'	↓					↓		↓	ND	ND	ND	ND
		8/9				grey	sand, fine to		moist				
	6'	6/4					medium grained, well						
		5/6					sorted.						
	8'	8/5					↓						
		10/12					↓		saturated				
	10'	8/9				brown	same as above			ND	ND	ND	
		10/7					↓						
	12'	6/5							saturated				
		5/8											
	14'	6/7											
	15	7/9					↓		saturated	ND	ND	ND	ND

* When rock coring, enter rock brokeness.

** Include monitor reading in 6 foot intervals @ borehole. Increase reading frequency if elevated reponse read.

Remarks: _____

Drilling Area Background (ppm): 0 ppm

Converted to Well: Yes ✓ No _____ Well I.D. #: _____

BORING LOG

PROJECT NAME: NTC ORLANDO
PROJECT NUMBER: 7457
DRILLING COMPANY: GPI
DRILLING RIG: Diedrich D-120
BORING NUMBER: OLD-042-028
DATE:
GEOLOGIST: GB
DRILLER: Nick

Sample No. and Type or RQD	Depth (Ft.) or Run No.	Blows / 6" or RQD (%)	Sample Recovery / Sample Length	Lithology Change (Depth/Ft.) or Screened Interval	MATERIAL DESCRIPTION: Soil Density/ Consistency or Rock Hardness	Color	Material Classification	USCS *	Remarks	PID/FID Reading (ppm): Sample	Sampler BZ	Borehole**	Driller BZ**
		NA				Grey	Sand, medium to coarse grained, poorly sorted		post holed to 4'	ND	ND	ND	ND
	2	/											
		/								ND	ND	ND	ND
	4	/											
		8/10								ND	ND	ND	ND
	6	12/10				Lt. brown	Sand, medium grained, med. sorted, sub angular to angular		saturated				
		9/8											
	8	12/14											
		14/16											
	10	15/15								ND	ND	ND	ND
		12/14											
	12	14/10											
		15/18											
	14	20/21											
		17/10								ND	ND	ND	ND
	16	6/6											
		12/8											
	18	6/3				Brown	Sand, fine to medium grained, well sorted sub-angular						
		7/7											
	20	6/8								ND	ND	ND	ND
		4/5											
	22	5/8											
		6/6											
	24	7/7											
		8/5								ND	ND	ND	ND

* When rock coring, enter rock brokeness.

** Include monitor reading in 6 foot intervals @ borehole. Increase reading frequency if elevated reponse read.

Remarks:

Drilling Area Background (ppm):

Converted to Well: Yes ____ No ____ Well I.D. #:

BORING LOG

PROJECT NAME:
PROJECT NUMBER:
DRILLING COMPANY:
DRILLING RIG:

BORING NUMBER: OLD-042-02B
DATE: 6/1
GEOLOGIST: GB
DRILLER: Nick.

Sample No. and Type or RQD	Depth (Ft.) or Run No.	Blows / 6" or RQD (%)	Sample Recovery / Sample Length	Lithology Change (Depth/Ft.) or Screened Interval	MATERIAL DESCRIPTION: Soil Density/ Consistency or Rock Hardness	Color	Material Classification	USCS *	Remarks	PID/FID Reading (ppm): Sample	Sampler BZ	Borehole**	Driller BZ**
	26	6/8				dk grey	sand, fine grained well sorted, sub-angular to angular.		saturated	ND	ND	ND	ND
	27	5/4											
	28	5/5											
	29	7/7											
	30	8/4								ND	ND	ND	ND
		5/10				green grey	sand, medium grained clay, well consolidated greenish grey,		dry				
	32	15/18											
										ND	ND	ND	ND

* When rock coring, enter rock brokeness.

** Include monitor reading in 6 foot intervals @ borehole. Increase reading frequency if elevated reponse read.

Remarks:

Drilling Area Background (ppm): 0 ppm

Converted to Well: Yes ✓ No ____ Well I.D. #: OLD-042-02B

BORING LOG

PROJECT NAME: NTC ORLAND
PROJECT NUMBER: 7457
DRILLING COMPANY: GPI
DRILLING RIG: Diedrich D-120

BORING NUMBER: OLD-MW2-03A
DATE: 6/2
GEOLOGIST: GB
DRILLER: Nick

Sample No. and Type or RQD	Depth (Ft.) or Run No.	Blows / 6" or RQD (%)	Sample Recovery / Sample Length	Lithology Change (Depth/Ft.) or Screened Interval	MATERIAL DESCRIPTION: Soil Density/ Consistency or Rock Hardness	Color	Material Classification	USCS *	Remarks	PID/FID Reading (ppm): Sample	Sampler BZ	Borehole**	Driller BZ**
		NA				grey	Sand, medium to		post hole to				
	2						fine grained, well		4'	ND	ND	ND	ND
							to med. Sorting						
	4												
		5/7								ND	ND	ND	ND
	6	7/8											
		6/5				Brown to Brown	Sand, medium grained			ND	ND	ND	ND
	8	8/10					well sorted, ang						
		10/12					to sub angular.						
	10	14/14								ND	ND	ND	ND
		10/12											
	12	12/10											
		10/12											
	14	12/10								ND	ND	ND	ND
	15	11/11											

* When rock coring, enter rock brokeness.

** Include monitor reading in 6 foot intervals @ borehole. Increase reading frequency if elevated reponse read.

Remarks:

Drilling Area Background (ppm): Opp'd

Converted to Well: Yes ✓ No _____ Well I.D. #: _____

BORING LOG

PROJECT NAME: NTC ORLANDO
PROJECT NUMBER: 7457
DRILLING COMPANY: API
DRILLING RIG: Diedrich D120
BORING NUMBER: OLD-002-03B
DATE: 6/2
GEOLOGIST: GB
DRILLER: Nick

Sample No. and Type or RQD	Depth (Ft.) or Run No.	Blows / 6" or RQD (%)	Sample Recovery / Sample Length	Lithology Change (Depth/Ft.) or Screened Interval	MATERIAL DESCRIPTION: Soil Density/ Consistency or Rock Hardness	MATERIAL DESCRIPTION: Color	MATERIAL DESCRIPTION: Material Classification	USCS *	Remarks	PID/FID Reading (ppm): Sample	Sampler BZ	Borehole**	Driller BZ**
						grey	Sand & gravel		past hd to				
	2						poorly sorted		4 ft	ND	ND	ND	ND
						grey brown	Sand, medium grained						
	4						med sorting, ang.						
										ND	ND	ND	ND
	6	6/7											
		10/8				LT Brown	Sand, medium grained						
	8	9/10					well sorted, ang to						
		8/9					sub angular						
	10	7/12								ND	ND	ND	
		15/17											
	12	14/14											
		10/17											
	14	12/10											
		11/12								ND	ND	ND	ND
	16	10/6											
		6/5											
	18	5/7				dk Brown	Sand, fine grained						
		6/6					well sorted, rounded						
	20	5/6					to sub-rounded			ND	ND	ND	ND
		6/7											
	22	7/8											
		6/6											
		7/6											
	25	6/5								ND	ND	ND	ND

* When rock coring, enter rock brokeness

** Include monitor reading in 6 foot intervals @ borehole. Increase reading frequency if elevated reponse read.

Remarks:

Drilling Area Background (ppm): 0 ppm

Converted to Well: Yes ✓ No _____ Well I.D. #: _____

BORING LOG

PROJECT NAME: NTC Orlando
PROJECT NUMBER: 7457
DRILLING COMPANY: GPI
DRILLING RIG: Diedrich D120

BORING NUMBER: OLD-042-03B
DATE: 6/2
GEOLOGIST: GB
DRILLER: Nick

Sample No. and Type or RQD	Depth (Ft.) or Run No.	Blows / 6" or RQD (%)	Sample Recovery / Sample Length	Lithology Change (Depth/Ft.) or Screened Interval	MATERIAL DESCRIPTION: Soil Density/ Consistency or Rock Hardness	MATERIAL DESCRIPTION: Color	MATERIAL DESCRIPTION: Material Classification	USCS *	Remarks	PID/FID Reading (ppm): Sample	PID/FID Reading (ppm): Sampler BZ	PID/FID Reading (ppm): Borehole**	PID/FID Reading (ppm): Driller BZ**
		6/5				lt grey	sand, fine grained		saturated	ND	ND	ND	ND
		6/6					med. sorting, rounded						
		7/8					to sub-rounded						
		8/7											
	30	7/8				greenish grey	sand and clay,			ND	ND	ND	ND
		8/12					med. consolidation.						
	32	15/16				green olive green	clay, dense, well		clay	ND	ND	ND	ND
							consolidated						

* When rock coring, enter rock brokeness.

** Include monitor reading in 6 foot intervals @ borehole. Increase reading frequency if elevated reponse read.

Remarks: ______

Drilling Area Background (ppm): 0 ppm

Converted to Well: Yes ✓ No ______ Well I.D. #: OLD-042-03B

BORING LOG

PROJECT NAME: NTC Orlando
PROJECT NUMBER: 7457
DRILLING COMPANY: GPI
DRILLING RIG: Diedrich D-120
BORING NUMBER: OLD-002-04A
DATE: 6/4
GEOLOGIST: EB
DRILLER: Nick

Sample No. and Type or RQD	Depth (Ft.) or Run No.	Blows / 6" or RQD (%)	Sample Recovery / Sample Length	Lithology Change (Depth/Ft.) or Screened Interval	MATERIAL DESCRIPTION: Soil Density/ Consistency or Rock Hardness	Color	Material Classification	USCS *	Remarks	PID/FID Reading (ppm): Sample	Sampler BZ	Borehole**	Driller BZ**
		NA / 7				dk brown	sand medium to fine grained, poorly sorted		post hole to 4 ft				
	2	/					↓						
		/											
	4	/											
		7/8				brown	sand, medium grained			ND	ND	ND	ND
	6	10/11					well sorted angular to sub angular		saturated				
		12/12											
	8	10/9											
		9/7											
	10	12/14								ND	ND	ND	
		14/16											
	12	18/16											
		17/17											
	14	20/15					↓		↓				
	13	15/17								ND	ND	ND	ND
		/											
		/											
		/											
		/											
		/											
		/											
		/											
		/											
		/											
		/											

* When rock coring, enter rock brokeness.

** Include monitor reading in 6 foot intervals @ borehole. Increase reading frequency if elevated reponse read.

Remarks:

Drilling Area Background (ppm): 0 ppm

Converted to Well: Yes ✓ No ____ Well I.D. #: OLD-002-04A

BORING LOG

PROJECT NAME: NTC - Orlando
PROJECT NUMBER: 7457
DRILLING COMPANY: GPI
DRILLING RIG: Diedrich D-120
BORING NUMBER: OLD-042-04B
DATE: 6/4/
GEOLOGIST: GB
DRILLER: Nick

Sample No. and Type or RQD	Depth (Ft.) or Run No.	Blows / 6" or RQD (%)	Sample Recovery / Sample Length	Lithology Change (Depth/Ft.) or Screened Interval	MATERIAL DESCRIPTION: Soil Density/ Consistency or Rock Hardness	MATERIAL DESCRIPTION: Color	MATERIAL DESCRIPTION: Material Classification	USCS *	Remarks	PID/FID Reading (ppm): Sample	Sampler BZ	Borehole**	Driller BZ**
						grey	Sand, med-grained		post hold to 4' ft	ND	ND	ND	ND
	2						↓		↓				
							↓		↓				
	4					Brown	sand, med. to fine grained, mod. sorting		↓				
		6/8								ND	ND	ND	ND
	6	8/7					angular to sub angular						
		10/12								ND	ND	ND	ND
	8	12/10					↓		saturated				
		11/8					↓		↓				
	10	7/6					↓		↓	ND	ND	ND	ND
		5/5					↓		↓				
	12	4/3					↓		↓				
		4/6					↓		↓				
	14	8/8					↓		↓				
		7/6					↓		↓	ND	ND	ND	ND
	16	7/8					↓		↓				
		12/12					↓		↓				
	18	10/10				dark brown	sand, fine grained well sorted, rounded to sub rounded		↓				
		12/12					↓		↓				
	20	9/8					↓		↓	ND	ND	ND	ND
		8/7					↓		↓				
	22	7/6					↓		↓				
		5/5					↓		↓				
	24	6/7					↓		↓				
		7/8					↓		↓	ND	ND	ND	ND

When rock coring, enter rock brokeness.

** Include monitor reading in 6 foot intervals @ borehole. Increase reading frequency if elevated reponse read.

Remarks:

Drilling Area Background (ppm): Opp

Converted to Well: Yes ✓ No _____ Well I.D. #: OLD-042-4B

BORING LOG

PROJECT NAME: NTC Orlando
PROJECT NUMBER:
DRILLING COMPANY:
DRILLING RIG:
BORING NUMBER: OLD-OU2-04B
DATE:
GEOLOGIST:
DRILLER:

Sample No. and Type or RQD	Depth (Ft.) or Run No.	Blows / 6" or RQD (%)	Sample Recovery / Sample Length	Lithology Change (Depth/Ft.) or Screened Interval	MATERIAL DESCRIPTION: Soil Density/ Consistency or Rock Hardness	Color	Material Classification	USCS *	Remarks	PID/FID Reading (ppm): Sample	Sampler BZ	Borehole**	Driller BZ**
						dk grey	sand, fine grained well sorted, rounded to sub rounded		saturated	ND	ND	ND	ND
						green grey	sand + clay, med. consolidation			ND	ND	ND	ND
	30						↓						
	32					green	clay, dense, well consolidated		dry	ND	ND	ND	ND

* When rock coring, enter rock brokeness.

** Include monitor reading in 6 foot intervals @ borehole. Increase reading frequency if elevated reponse read.

Remarks:

Drilling Area Background (ppm): 0 ppm

Converted to Well: Yes ____ No ____ Well I.D. #: OLD-OU2-4B

BORING LOG

Page 1 of 1

PROJECT NAME: NTC Orlando
PROJECT NUMBER: 7457
DRILLING COMPANY: Groundwater Protection
DRILLING RIG: Diedrich D-120
BORING NUMBER: Well # 5-A
DATE: 6-4-98
GEOLOGIST: Tom Nicotra
DRILLER: Jim

Sample No. and Type or RQD	Depth (Ft.) or Run No.	Blows / 6" or RQD (%)	Sample Recovery / Sample Length	Lithology Change (Depth/Ft.) or Screened Interval	MATERIAL DESCRIPTION: Soil Density/ Consistency or Rock Hardness	Color	Material Classification	USCS *	Remarks	PID/FID Reading (ppm): Sample	Sampler BZ	Borehole**	Driller BZ**
		NA	NA				DARK Brown Fine Grain Sand		Postholed To 4' B/S.			0 ppm	
	2'						↓						
						LT TAN	Fine Grain sand						
	4'						↓						
							DARK Brown Fine Grain Sand					0 ppm	
	6'						↓		WATER Table @ 6' B/S				
							↓						
	8'					LT.	Brown Fine Grain SAND						
							↓						
	10'						↓						
							↓						
	12'						↓						
							↓						
	14'						↓						
	15'						↓						
							Well Terminated Here. 15' B/S.						

* When rock coring, enter rock brokeness.

** Include monitor reading in 6 foot intervals @ borehole. Increase reading frequency if elevated reponse read.

Remarks:

Drilling Area Background (ppm): 0 ppm

Converted to Well: Yes ✓ No _____ Well I.D. #: _____

BORING LOG

PROJECT NAME: NTC Orlando
PROJECT NUMBER: 2457
DRILLING COMPANY: Groundwater Protection
DRILLING RIG: Diedrich D-120
BORING NUMBER: Well # 5B
DATE: 6-4-98
GEOLOGIST: Tom Nichols
DRILLER: Jim

Sample No. and Type or RQD	Depth (Ft.) or Run No.	Blows / 6" or RQD (%)	Sample Recovery / Sample Length	Lithology Change (Depth/Ft.) or Screened Interval	MATERIAL DESCRIPTION: Soil Density/ Consistency or Rock Hardness	Color	Material Classification	USCS *	Remarks	PID/FID Reading (ppm): Sample	Sampler BZ	Borehole**	Driller BZ**
		NA	NA				Brown + tan Fine GRAIN		Lost Circ to				
	2	NA	NA				SAND.		4 'BLS.				
		NA	NA										
	4	NA	NA				BROWN FINE GRAIN						
							SAND.						
	6								WATER TABLE @				
									6 'BLS.				
	8												
	10												
	12						LT. BROWN FINE GRAIN						
							SAND.						
	14												
	16												
	18												
	20												
	22												
	24		NA										
	25												

* When rock coring, enter rock brokeness.

** Include monitor reading in 6 foot intervals @ borehole. Increase reading frequency if elevated reponse read.

Remarks:

Drilling Area Background (ppm): off m

Converted to Well: Yes ✓ No _____ Well I.D. #: _____

BORING LOG

PROJECT NAME: NTC Orlando
PROJECT NUMBER: 7457
DRILLING COMPANY: Groundwater Protection
DRILLING RIG: Diedrich D-120
BORING NUMBER: Well # 5 B.
DATE: 6-4-98
GEOLOGIST: Tom Nicotra
DRILLER: Jim

Sample No. and Type or RQD	Depth (Ft.) or Run No.	Blows / 6" or RQD (%)	Sample Recovery / Sample Length	Lithology Change (Depth/Ft.) or Screened Interval	MATERIAL DESCRIPTION: Soil Density/ Consistency or Rock Hardness	Color	Material Classification	USCS *	Remarks	PID/FID Reading (ppm): Sample	Sampler BZ	Borehole**	Driller BZ**
	25	[illegible]					LT. TAN FINE GRAIN					0/0	0/0
	26	6/6					SAND						
	27	7/7											
	28	8/8											
	29	8/8											
	30	7/7											
	31	7/10											
	32	6/5											
	33	8/8											
	34	10/10										0/0	
	35	14/14											
	36	8/5					LT TAN FINE GRAIN SILTY						
	37	5/6					SAND						
	38	11/10											
	39	14/11											
	40	3/4											
	41	3/3											
	42	2/2					LT TAN FINE GRAIN SILTY SAND						
	43	2/2					HIT CLAY (ABOUT 4")						
	44	1/1					CLAY						
	45	2/2					CLAY					0/0	

* When rock coring, enter rock brokeness.

** Include monitor reading in 6 foot intervals @ borehole. Increase reading frequency if elevated reponse read.

Remarks:

Drilling Area Background (ppm): 0/0

Converted to Well: Yes ✓ No ____ Well I.D. #: ____

BORING LOG

PROJECT NAME: NTC - Orlando
PROJECT NUMBER: 7457
DRILLING COMPANY: GPI
DRILLING RIG: Diedrich D-120
BORING NUMBER: OLD-042-B6A
DATE: 6/4
GEOLOGIST: CB
DRILLER: Nick

Sample No. and Type or RQD	Depth (Ft.) or Run No.	Blows / 6" or RQD (%)	Sample Recovery / Sample Length	Lithology Change (Depth/Ft.) or Screened Interval	MATERIAL DESCRIPTION: Soil Density/ Consistency or Rock Hardness	Color	Material Classification	USCS *	Remarks	PID/FID Reading (ppm): Sample	Sampler BZ	Borehole**	Driller BZ**
						grey	sand, med. to fine grained poorly sorted		post-bled to 4' ft				
	2									ND	ND	ND	ND
	4					brown	sand, med. grained med. sorted, angular						
										ND	ND	ND	ND
	6						to sub angular						
									saturated				
	8												
	10									ND	ND	ND	
	12					lt brown	same as above						
	14												
	15									ND	ND	ND	ND

' When rock coring, enter rock brokeness.

** Include monitor reading in 6 foot intervals @ borehole. Increase reading frequency if elevated reponse read.

Remarks:

Drilling Area Background (ppm): 0 ppm

Converted to Well: Yes ✓ No ____ Well I.D. #: OLD-042-B6A

BORING LOG

PROJECT NAME: NTC Orlando
PROJECT NUMBER: 7457
DRILLING COMPANY: GPI
DRILLING RIG: Diedrich D-120
BORING NUMBER: Well OLD-OU2-06B
DATE: 6/4/98
GEOLOGIST: BB
DRILLER: Nick

Sample No. and Type or RQD	Depth (Ft.) or Run No.	Blows / 6" or RQD (%)	Sample Recovery / Sample Length	Lithology Change (Depth/Ft.) or Screened Interval	MATERIAL DESCRIPTION: Soil Density/ Consistency or Rock Hardness	Color	Material Classification	USCS *	Remarks	PID/FID Reading (ppm): Sample	Sampler BZ	Borehole**	Driller BZ**
						gry	sand, grey, coarse		post hole to 4'				
	2						grained, some silt			ND	ND	ND	ND
							poorly sorted						
	4						↓		↓				
	6						↓		saturated				
						Lt. brn	sand, medium grained			ND	ND	ND	ND
	8						moderately sorted,						
							sub angular to						
	10						rounded			ND	ND	ND	ND
							↓						
	12												
	14												
										ND	ND	ND	ND
	16						↓						
	18												
	20						↓			ND	ND	ND	ND
						brn	sand, fine to						
	22						medium grained						
							well sorted						
	24	4/6					sub-angular		↓				
		5/7								ND	ND	ND	ND

* When rock coring, enter rock brokeness.

** Include monitor reading in 6 foot intervals @ borehole. Increase reading frequency if elevated reponse read.

Drilling Area Background (ppm): OFF

Remarks:

Converted to Well: Yes ✓ No ____ Well I.D. #: OLD-OU2-02A

BORING LOG

PROJECT NAME: NTC - Orlando
PROJECT NUMBER: 7457
DRILLING COMPANY: GPI
DRILLING RIG: Diedrich D-120
BORING NUMBER: OLD-042-06B
DATE: 6/4/98
GEOLOGIST: GB
DRILLER: Nick

Sample No. and Type or RQD	Depth (Ft.) or Run No.	Blows / 6" or RQD (%)	Sample Recovery / Sample Length	Lithology Change (Depth/Ft.) or Screened Interval	MATERIAL DESCRIPTION: Soil Density/ Consistency or Rock Hardness	MATERIAL DESCRIPTION: Color	MATERIAL DESCRIPTION: Material Classification	USCS *	Remarks	PID/FID Reading (ppm): Sample	Sampler BZ	Borehole**	Driller BZ**
	26	4/4				brown	sand, fine to medium grained, sub angular to angular well sorted			ND	ND	ND	ND
		6/8											
	28	7/8											
		9/6											
	30	6/4								ND	ND	ND	ND
		4/4											
	32	6/7											
		8/8											
	34	9/10											
		11/11								ND	ND	ND	
	36	10/8											
		7/8											
	38	9/7											
		7/8											
	40	9/10								ND	ND	ND	ND
	41	8/11											
	43	6/5											
		5/5											
		/											
		/											
		/											
		/											
		/											
		/											
		/											

grey clay, very stiff, grey-green, minor sand, clay

* When rock coring, enter rock brokeness.

** Include monitor reading in 6 foot intervals @ borehole. Increase reading frequency if elevated reponse read.

Drilling Area Background (ppm): 0 ppm

Remarks:

Converted to Well: Yes ✓ No _____ Well I.D. #: OLD-042-06B

BORING LOG

PROJECT NAME: NTC Orlando
PROJECT NUMBER: 7457
DRILLING COMPANY: Groundwater Protection
DRILLING RIG: Diedrich D-120
BORING NUMBER: Well # 7-A
DATE: 6-4-98
GEOLOGIST: Tom Niccoli
DRILLER: Jim

Sample No. and Type or RQD	Depth (Ft.) or Run No.	Blows / 6" or RQD (%)	Sample Recovery / Sample Length	Lithology Change (Depth/Ft.) or Screened Interval	MATERIAL DESCRIPTION: Soil Density/ Consistency or Rock Hardness	Color	Material Classification	USCS *	Remarks	PID/FID Reading (ppm): Sample	Sampler BZ	Borehole**	Driller BZ**
		NA	NA				DARK BROWN FINE GRAIN SAND		POSTHOLED TO 4' B/S.			0 ppm	
	2'	NA	NA										
		NA	NA										
	4'	NA	NA										
	6'						BROWN FINE GRAIN SAND						
	8'												
	10'												
	12'												
	14'												
	15'											0 ppm	

* When rock coring, enter rock brokeness.

** Include monitor reading in 6 foot intervals @ borehole. Increase reading frequency if elevated reponse read.

Remarks:

Drilling Area Background (ppm): 0 ppm

Converted to Well: Yes ✓ No ____ Well I.D. #: ____

BORING LOG

PROJECT NAME: NTC Orlando
PROJECT NUMBER: 7457
DRILLING COMPANY: Ground Water Protection
DRILLING RIG: Diedrich D-120
BORING NUMBER: Well # 7-B
DATE: 6-5-98
GEOLOGIST: Tom Nicotra
DRILLER: Jim H.

Sample No. and Type or RQD	Depth (Ft.) or Run No.	Blows / 6" or RQD (%)	Sample Recovery / Sample Length	Lithology Change (Depth/Ft.) or Screened Interval	MATERIAL DESCRIPTION: Soil Density/ Consistency or Rock Hardness	Color	Material Classification	USCS *	Remarks	PID/FID Reading (ppm): Sample	Sampler BZ	Borehole**	Driller BZ**
		NA	NA				DARK BROWN FINE GRAIN		Grossly	0 ppm	0 ppm	0 ppm	0 ppm
	2	NA	NA				SAND		4' BLS				
		NA	NA										
	4	NA	NA										
*	5	3/3	6"/6"										
	6	3/3	6"/6"						WATER TABLE @ 6'				
	7												
	8												
	9												
	10						LT BROWN FINE GRAIN						
	11						SAND.						
	12												
	13												
	14												
*	15	5/6								0 ppm	0 ppm	0 ppm	0 ppm
	16	7/8											
	17												
	18												
	19												
	20												
	21												
	22												
	23												
	24												
	25	5/15											

* When rock coring, enter rock brokeness.

** Include monitor reading in 6 foot intervals @ borehole. Increase reading frequency if elevated reponse read.

Remarks:

Drilling Area Background (ppm): 0 ppm

Converted to Well: Yes ✓ No _____ Well I.D. #: _____

BORING LOG

PROJECT NAME: NTC Orlando
PROJECT NUMBER: 2457
DRILLING COMPANY: Groundwater Protection
DRILLING RIG: Diedrich D-120
BORING NUMBER: Well # 7-B
DATE: 6-5-98
GEOLOGIST: Tom Nicotra
DRILLER: Jim H.

Sample No. and Type or RQD	Depth (Ft.) or Run No.	Blows / 6" or RQD (%)	Sample Recovery / Sample Length	Lithology Change (Depth/Ft.) or Screened Interval	MATERIAL DESCRIPTION: Soil Density/ Consistency or Rock Hardness	Color	Material Classification	USCS *	Remarks	PID/FID Reading (ppm): Sample	Sampler BZ	Borehole**	Driller BZ**
	25	5/15					LT Brown Fine Grain Sand			0 ppm		0 ppm	0 ppm
	26	30/25					LT Tan Fine Grain Sand						
	27	6/8											
	28	10/10											
	29	10/10					LT Tan Fine Grain						
	30	10/10					Sand						
	31	5/9											
	32	9/5					Hit Clay Layer (Green)			0 ppm		0 ppm	0 ppm
	33						Clay Layer (Green)						

* When rock coring, enter rock brokeness.

** Include monitor reading in 6 foot intervals @ borehole. Increase reading frequency if elevated reponse read.

Remarks:

Drilling Area Background (ppm): 0 ppm

Converted to Well: Yes ✓ No _____ Well I.D. #: _____

BORING LOG

PROJECT NAME: NTC ORLANDO
PROJECT NUMBER: 7457
DRILLING COMPANY: GROUNDWATER PROTECTION
DRILLING RIG: DIEDRICH D-120
BORING NUMBER: Well #8A
DATE: 6-3-98
GEOLOGIST: TOM NIGHTERA
DRILLER: JIM

Sample No. and Type or RQD	Depth (Ft.) or Run No.	Blows / 6" or RQD (%) *	Sample Recovery / Sample Length	Lithology Change (Depth/Ft.) or Screened Interval	MATERIAL DESCRIPTION: Soil Density/ Consistency or Rock Hardness	MATERIAL DESCRIPTION: Color	MATERIAL DESCRIPTION: Material Classification	USCS *	Remarks	PID/FID Reading (ppm): Sample	Sampler BZ	Borehole**	Driller BZ**
		NA	NA				DARK Brown Fine SAND		POSTHOLED TO 4' BLS.		0	0	0
	2'	NA	NA										
		NA	NA				DARK Brown/LT TAN Fine SAND MIX.						
	4'	NA	NA										
	6						BROWN Fine GRAD SAND		WATER TABLE @ 6' BLS.				
	8												
	10												
	12										0	0	0
	14												
	15'												

* When rock coring, enter rock brokeness.

** Include monitor reading in 6 foot intervals @ borehole. Increase reading frequency if elevated reponse read.

Remarks:

Drilling Area Background (ppm): 0

Converted to Well: Yes ✓ No _____ Well I.D. #: _____

BORING LOG

PROJECT NAME: NTC Orlando
PROJECT NUMBER: 7457
DRILLING COMPANY: Groundwater Protection
DRILLING RIG: Diedrich D-120
BORING NUMBER: Well # 86
DATE: 6-3-98
GEOLOGIST: Tom Nicotera
DRILLER: Jim

Sample No. and Type or RQD	Depth (Ft.) or Run No.	Blows / 6" or RQD (%)	Sample Recovery / Sample Length	Lithology Change (Depth/Ft.) or Screened Interval	MATERIAL DESCRIPTION: Soil Density/ Consistency or Rock Hardness	Color	Material Classification	USCS *	Remarks	PID/FID Reading (ppm): Sample	Sampler BZ	Borehole**	Driller BZ**
	1'	NA				DARK Brown	Fine GRAIN		Pcstilded To	0	0	0	0
	2'	NA					Sand.		5.0 B/S.				
	3	NA				TAN	Fine GRAIN						
	4'	NA					Sand.						
*	5'	NA				MIX	DARK Brown & TAN Fine Sand						
	6'					DARK	Brown Fine GRAIN Sand						
	7												
	8'								WATER Table @ 8.0				
	9												
*	10												
	11	6" 10	6" 6"			DARK	Brown / RUST TAN	Fine Sand					
	12'	15" 17	6" 6"										
	13												
	14'												
*	15'						TAN	Fine GRAIN Sand.					
	16	6 8	6" 6"			~~TAN~~	~~Fine~~						
	17'	15 15	6" 6"										
	18						~~TAN Fine GRAIN Sand~~						
	19'												
*	20'						TAN / DARK Brown mix of						
	21	4 7	6/6				Fine Sand.						
	22	5 5	6/6										
	23												
	24												
*	25'												

* When rock coring, enter rock brokeness.

** Include monitor reading in 6 foot intervals @ borehole. Increase reading frequency if elevated reponse read.

Remarks: * = collected Soil Sample Here

Drilling Area Background (ppm): 0/0/0

Converted to Well: Yes ✓ No _____ Well I.D. #: _____

BORING LOG

PROJECT NAME: NTC Offsite
PROJECT NUMBER: 2457
DRILLING COMPANY: Ground Water Protection
DRILLING RIG: Diedrich D-120
BORING NUMBER: MW 8B
DATE: 6-3-98
GEOLOGIST: Tom Nicoter
DRILLER: Jim

Sample No. and Type or RQD	Depth (Ft.) or Run No.	Blows / 6" or RQD (%)	Sample Recovery / Sample Length	Lithology Change (Depth/Ft.) or Screened Interval	MATERIAL DESCRIPTION: Soil Density/ Consistency or Rock Hardness	Color	Material Classification	USCS *	Remarks	PID/FID Reading (ppm): Sample	Sampler BZ	Borehole**	Driller BZ**
*	25	3/4	6/6			LT	Tan Fine Grain silty Sand						
*	27	4/5	6/6							0	0	0	0
	28	3/4	6/6										
	29	4/5	6"/6"			LT	Tan Fine Grain silty Sand						
*	30	2/2	6"/6"										
	31	2/3	6"/6"										
*	32	6/7	6"/6"			LT	Tan Fine Grain silty Sand						
	33	3/3	6"/6"										
*	34	1/1	6/6										
	35	1/1	6/6										
*	36	2/2	6/6			LT	Tan Fine Grain silty Sand						
	37	2/2	6/6				Clay Layer (Green)						
*	38	5/5	6/6										
	39	5/5	6/6				Clay Layer			0	0	0	0
	40												

* When rock coring, enter rock brokeness.

** Include monitor reading in 6 foot intervals @ borehole. Increase reading frequency if elevated reponse read.

Remarks: *

Drilling Area Background (ppm): 0

Converted to Well: Yes — No — Well I.D. #:

BORING LOG

PROJECT NAME: NTC Orlando
PROJECT NUMBER: 2457
DRILLING COMPANY: Groundwater Protection
DRILLING RIG: Diedrich D-120
BORING NUMBER: Well # 9-A
DATE: 6-9-98
GEOLOGIST: Tom Nicotera
DRILLER: Jim H.

Sample No. and Type or RQD	Depth (Ft.) or Run No.	Blows / 6" or RQD (%)	Sample Recovery / Sample Length	Lithology Change (Depth/Ft.) or Screened Interval	MATERIAL DESCRIPTION: Soil Density/ Consistency or Rock Hardness	Color	Material Classification	USCS *	Remarks	PID/FID Reading (ppm): Sample	Sampler BZ	Borehole**	Driller BZ**
		NA	NA				DARK Brown Fine Grain Sand		Post Shed To			0	0
	2'	NA	NA						4' BLS.				
		NA	NA										
	4'	NA	NA										
							LT Brown Fine Grain Sand						
	6'												
	8'												
												0	0
	10'								WATER Table @				
									10' BLS.				
	12'												
	14'												
	15'											0	0
					NOTE:		Terminate Borehole @						
							15' BLS						

* When rock coring, enter rock brokeness.

** Include monitor reading in 5 foot intervals @ borehole. Increase reading frequency if elevated reponse read.

Remarks:

Drilling Area Background (ppm): 0

Converted to Well: Yes ✓ No _____ Well I.D. #: _____

BORING LOG

PROJECT NAME: NTC Orlando
PROJECT NUMBER: 2457
DRILLING COMPANY: Groundwater Protection
DRILLING RIG: Diedrich D-120
BORING NUMBER: well # 9-B
DATE: 6-9-98
GEOLOGIST: Tom Nicotera
DRILLER: Jim H

Sample No. and Type or RQD	Depth (Ft.) or Run No.	Blows / 6" or RQD (%)	Sample Recovery / Sample Length	Lithology Change (Depth/Ft.) or Screened Interval	MATERIAL DESCRIPTION: Soil Density/ Consistency or Rock Hardness	Color	Material Classification	USCS *	Remarks	PID/FID Reading (ppm): Sample	Sampler BZ	Borehole**	Driller BZ**
		NA	NA				DARK Brown Fine GRAIN SAND		Postholed To				
	2	NA	NA						4' BLS.				
		NA	NA										
	4	NA	NA										
*	5						DARK BROWN / GREY FINE GRAIN			0	0	0	0
	6						SAND						
	8												
	10						LT BROWN FINE GRAIN SAND		WATER TABLE @				
									10' BLS.				
	12												
	14												
*	15									0	0	0	0
	16												
	18						LT TAN / LT. BROWN MIX FINE						
							GRAIN SAND						
	20												
	22												
	24												
*	25	7/8	6/6							0	0	0	0

* When rock coring, enter rock brokeness

** Include monitor reading in 6 foot intervals @ borehole. Increase reading frequency if elevated reponse read.

Remarks:

Drilling Area Background (ppm): open

Converted to Well: Yes ✓ No _____ Well I.D. #: _____

BORING LOG

PROJECT NAME: NTC Orlando
PROJECT NUMBER: 7457
DRILLING COMPANY: Groundwater Protection
DRILLING RIG: Diedrich D-120
BORING NUMBER: Well # 9-B
DATE: 6-9-98
GEOLOGIST: Tom Mooers
DRILLER: Jim H.

Sample No. and Type or RQD	Depth (Ft.) or Run No.	Blows / 6" or RQD (%)	Sample Recovery / Sample Length	Lithology Change (Depth/Ft.) or Screened Interval	MATERIAL DESCRIPTION: Soil Density/ Consistency or Rock Hardness	MATERIAL DESCRIPTION: Color	MATERIAL DESCRIPTION: Material Classification	USCS *	Remarks	PID/FID Reading (ppm): Sample	Sampler BZ	Borehole**	Driller BZ**
	26	5/7	6/6										
	27	3/7	6/6				LT BROWN/LT TAN MIX FINE						
	28	7/9	6/6				GRAIN SAND.						
	29	8/10	6/6										
	30	15/19	6/6				LT TAN FINE GRAIN SAND						
	31	10/17	6/6										
	32	14/15	6/6										
	33	5/6	6/6										
	34	11/9	6/6										
	35	4/3	6/6										
	36	4/5	6/6										
	37	5/7	6/6										
	38	11/14	6/6										
	39						HIT CLAY LAYER @ 39'						
							WELL INSTALLED @ 38' +						
							3' STICK UP.						

* When rock coring, enter rock brokeness.

** Include monitor reading in 6 foot intervals @ borehole. Increase reading frequency if elevated reponse read.

Remarks:

Drilling Area Background (ppm): 0 ppm

Converted to Well: Yes ✓ No _____ Well I.D. #: _____

BORING LOG

PROJECT NAME: NTC Orlando
PROJECT NUMBER: 7457
DRILLING COMPANY: Groundwater Protection
DRILLING RIG:

BORING NUMBER: well #10-A
DATE: 6-8-98
GEOLOGIST: Tom Nicotera
DRILLER: Jim Hinst

Sample No. and Type or RQD	Depth (Ft.) or Run No.	Blows / 6" or RQD (%)	Sample Recovery / Sample Length	Lithology Change (Depth/Ft.) or Screened Interval	MATERIAL DESCRIPTION: Soil Density/ Consistency or Rock Hardness	Color	Material Classification	USCS *	Remarks	PID/FID Reading (ppm): Sample	Sampler BZ	Borehole**	Driller BZ**
		NA	NA			Dark Brown/Grey	Fine Grained Sand		Post holed to 4' BLS.			0 ppm	
	2'	NA	NA										
		NA	NA				Tan Fine Grain Sand						
	4'	NA	NA										
	6'												
							Brown Fine Grain Sand						
	8'												
	10'								Water Table @ 10' BLS.				
	12'												
	14'												
	15'											0 ppm	
							* Terminate borehole @ 15'						
							* well set @ 15' BLS.						

* When rock coring, enter rock brokeness.

** Include monitor reading in 6 foot intervals @ borehole. Increase reading frequency if elevated reponse read.

Remarks:

Drilling Area Background (ppm): 0 ppm

Converted to Well: Yes ✓ No ____ Well I.D. #: ____

BORING LOG

PROJECT NAME: NTC Orlando
PROJECT NUMBER: 7457
DRILLING COMPANY: Groundwater Protection
DRILLING RIG:

BORING NUMBER: Well # 10-B
DATE: 6-8-98
GEOLOGIST: Tom Nicotera
DRILLER: Jim Hinst

Sample No. and Type or RQD	Depth (Ft.) or Run No.	Blows / 6" or RQD (%)	Sample Recovery / Sample Length	Lithology Change (Depth/Ft.) or Screened Interval	MATERIAL DESCRIPTION: Soil Density/ Consistency or Rock Hardness	MATERIAL DESCRIPTION: Color	MATERIAL DESCRIPTION: Material Classification	USCS *	Remarks	PID/FID Reading (ppm): Sample	Sampler BZ	Borehole**	Driller BZ**
		NA	NA				DARK Brown + Grey Fine		Most holed to			0 ppm	0 ppm
	2	NA	NA				GRAIN Sand		4' B/S.				
		NA	NA										
	4	NA	NA										
*	5						Brown Fine GRAIN sand					0 ppm	0 ppm
	6												
	8												
	10								Water Table @				
									10' 6 IS.				
	12												
	14												
*	15											0 ppm	0 ppm
	16												
	18												
	20												
							Light Fine Grain Sand						
	22												
	24												
*	25	2 3	3" 6"									0 ppm	0 ppm

* When rock coring, enter rock brokeness.

** Include monitor reading in 6 foot intervals @ borehole. Increase reading frequency if elevated reponse read.

Remarks: * means Soil Sample collected Here.

Drilling Area Background (ppm): 0 ppm

Converted to Well: Yes _____ No _____ Well I.D. #: _____

BORING LOG

PROJECT NAME: NTC ORLANDO
PROJECT NUMBER: 7457
DRILLING COMPANY: GROUNDWATER PROTECTION
DRILLING RIG:

BORING NUMBER: Well #10-B
DATE: 6-8-98
GEOLOGIST: TOM NICOTERA
DRILLER: JIM HIST

Sample No. and Type or RQD	Depth (Ft.) or Run No.	Blows / 6" or RQD (%)	Sample Recovery / Sample Length	Lithology Change (Depth/Ft.) or Screened Interval	MATERIAL DESCRIPTION: Soil Density/ Consistency or Rock Hardness	Color	Material Classification	USCS *	Remarks	PID/FID Reading (ppm): Sample	Sampler BZ	Borehole**	Driller BZ**
	26	10/10				LT TAN	Fine Grain Sand						
	27	8/8											
	28	10/10											
	29	3/4											
	30	5/5											
	31	6/6				LT TANish/GRey	Fine Grain						
	32	7/10					Sand.						
	33	4/4											
	34	5/10											
	35	3/4											
	36	4/4				LT Brown	Fine Grain Sand						
	37						CLAY Layer @ 37' BLS.					0ppm	
							* Terminate Borehole @ 36' BLS.						
							* Set well @ 36' BLS.						

* When rock coring, enter rock brokeness.

** Include monitor reading in 6 foot intervals @ borehole. Increase reading frequency if elevated reponse read.

Remarks:

Drilling Area Background (ppm): 0ppm

Converted to Well: Yes ✓ No ____ Well I.D. #: ____

BORING LOG

PROJECT NAME: NTC ORLANDO
PROJECT NUMBER: 7457
DRILLING COMPANY: GROUNDWATER PROTECTION
DRILLING RIG: DIEDRICH D-120
BORING NUMBER: well # 11 - F.
DATE: 6-2-98
GEOLOGIST: TOM NICOTERA
DRILLER: JIM

Sample No. and Type or RQD	Depth (Ft.) or Run No.	Blows / 6" or RQD (%)	Sample Recovery / Sample Length	Lithology Change (Depth/Ft.) or Screened Interval	MATERIAL DESCRIPTION: Soil Density/ Consistency or Rock Hardness	MATERIAL DESCRIPTION: Color	MATERIAL DESCRIPTION: Material Classification	USCS *	Remarks	PID/FID Reading (ppm): Sample	Sampler BZ	Borehole**	Driller BZ**
		NA	6/6			dark	Brown Fine Grain Sand		Lost hole to 4' 6/5.	0 ppm	0 ppm		0 ppm
	2'	NA	6/6										
		NA	6/6										
	4'	NA	6/6										
	6'								WT @ 6' B/S				
	8'									0 ppm	0 ppm	0 ppm	0 ppm
	10'												
	12'												
	14'												
	15'									0 ppm	0 ppm	0 ppm	0 ppm

* When rock coring, enter rock brokeness.

** Include monitor reading in 6 foot intervals @ borehole. Increase reading frequency if elevated reponse read.

Remarks:

Drilling Area Background (ppm): 0 ppm

Converted to Well: Yes ✓ No _____ Well I.D. #: _____

BORING LOG

PROJECT NAME: NTC Orlando
PROJECT NUMBER: 17457
DRILLING COMPANY: Groundwater Protection
DRILLING RIG: Diedrich D-120
BORING NUMBER: Well #11-B
DATE: 6-2-98
GEOLOGIST: Tom Nicstera
DRILLER: Jim

Sample No. and Type or RQD	Depth (Ft.) or Run No.	Blows / 6" or RQD (%)	Sample Recovery / Sample Length	Lithology Change (Depth/Ft.) or Screened Interval	MATERIAL DESCRIPTION: Soil Density/ Consistency or Rock Hardness	Color	Material Classification	USCS *	Remarks	PID/FID Reading (ppm): Sample	Sampler BZ	Borehole**	Driller BZ**
		NA	NA			DARK	GREY FINE GRAIN SAND		POST HOLED TO 4' 6 IS.	0	0	0	0
	2'	NA	NA				↓		↓				
		NA	NA										
	4'	NA	NA										
5	5	NA	NA			DARK	BROWN FINE GRAIN SAND						
	6'	NA	NA						WATER TABLE @ 6' BLS				
		NA	NA										
	8'	NA	NA										
		NA	NA										
10	10'	NA	NA										
		NA	NA										
	12'	NA	NA										
		NA	NA										
	14'	NA	NA										
15	15	NA	NA										
	16'	NA	NA										
		NA	NA										
	18'	NA	NA										
		NA	NA										
20	20'	NA	NA										
		NA	NA										
	22'	NA	NA										
		NA	NA										
	24'	NA	NA										
25	25'	NA	NA										

* When rock coring, enter rock brokeness.

** Include monitor reading in 6 foot intervals @ borehole. Increase reading frequency if elevated reponse read.

Remarks:

Drilling Area Background (ppm): 0 ppm

Converted to Well: Yes ✓ No _____ Well I.D. #: _____

BORING LOG

PROJECT NAME: NTC ORLANDO
PROJECT NUMBER: 2457
DRILLING COMPANY: GROUNDWATER PROTECTION
DRILLING RIG: DIEDRICH D-120

BORING NUMBER: well #11-B
DATE: 6-2-98
GEOLOGIST: TOM NICOTRA
DRILLER: JIM

Sample No. and Type or RQD	Depth (Ft.) or Run No.	Blows / 6" or RQD (%)	Sample Recovery / Sample Length	Lithology Change (Depth/Ft.) or Screened Interval	MATERIAL DESCRIPTION: Soil Density/ Consistency or Rock Hardness	Color	Material Classification	USCS *	Remarks	PID/FID Reading (ppm): Sample	Sampler BZ	Borehole**	Driller BZ**
	26'	8/8	6/6			LT TAN + PARK BROWN FINE	GRAIN SAND.						
	27'	8/9	6/6										
	28'	6/14	6/6										
	29'	14/18	6/6										
* 30'	30'	8/10	6/6										
	31'	15/15	6/6										
	32'	10/10	6/6										
	33'	10/10	6/6										
	34'	4/4	6/6										
35'	35'	4/4	6/6				CLAY (GREEN) STIFF		well set @ 33' bls				
	36'	9/9	6/6				CLAY (GREEN) STIFF						
	37'	9/9	6/6				clay (GREEN) STIFF						
							clay (GREEN) STIFF						

* When rock coring, enter rock brokeness.

** Include monitor reading in 6 foot intervals @ borehole. Increase reading frequency if elevated reponse read.

Remarks:

Converted to Well: Yes ✓ No ____ Well I.D. #: ____

Drilling Area Background (ppm): 0

BORING LOG

PROJECT NAME:	NTC [illegible]
PROJECT NUMBER:	7457
DRILLING COMPANY:	[illegible]
DRILLING RIG:	Diedrich D-120
BORING NUMBER:	Well # OLD-042-12A
DATE:	[illegible]
GEOLOGIST:	[illegible]
DRILLER:	N/A

Sample No. and Type or RQD	Depth (Ft.) or Run No.	Blows / 6" or RQD (%)	Sample Recovery / Sample Length	Lithology Change (Depth/Ft.) or Screened Interval	Soil Density/ Consistency or Rock Hardness	Color	Material Classification	USCS *	Remarks	PID/FID Reading (ppm) Sample	Sampler BZ	Borehole**	Driller BZ**
		NA	NA				Lt Grey Fine Grain		Augered to	0	0	0	0
	2						sand		4' bls				
							Lt Brown Fine Grain						
	4						sand						
	6						Dark Brown Fine						
							grain sand						
	8												
							Brown Fine Grain						
	10						sand		Water table @	0	0	0	0
									10' bls				
	12												
	14												
	15									0	0	0	0
							Well set @ 15' bls						

* When rock coring, enter rock brokeness.

** Include monitor reading in 5 foot intervals @ borehole. Increase reading frequency if elevated reponse read.

Drilling Area Background (ppm): 0

Remarks: Well set @ 15' [illegible]

Converted to Well: Yes ✓ No ____ Well I.D. #: ____

BORING LOG

Page ___ of ___

PROJECT NAME: NTC Oxnard
PROJECT NUMBER: 7457
DRILLING COMPANY: Groundwater Protection
DRILLING RIG: Diedrich D-120

BORING NUMBER: Well # OLD-002-12B
DATE:
GEOLOGIST: Tom Mullins
DRILLER:

Sample No. and Type or RQD	Depth (Ft.) or Run No.	Blows / 6" or RQD (%)	Sample Recovery / Sample Length	Lithology Change (Depth/Ft.) or Screened Interval	MATERIAL DESCRIPTION: Soil Density/ Consistency or Rock Hardness	Color	Material Classification	USCS *	Remarks	PID/FID Reading (ppm): Sample	Sampler BZ	Borehole**	Driller BZ**
							Light Fine Grain		Soil Stained To				
	2						Sand		4' BLS.				
							Dk Brown Fine Grain						
	4						Sand						
							Brown Fine Grain						
	6						Sand						
	8												
	10								Water Table @				
									10' BLS				
	12												
	14												
	16												
	18						Dk Brown Fine						
							Sand						
	20												

* When rock coring, enter rock brokeness.

** Include monitor reading in 6 foot intervals @ borehole. Increase reading frequency if elevated reponse read.

Remarks: _____

Drilling Area Background (ppm): 0/0

Converted to Well: Yes / No _____ Well I.D. #: _____

BORING LOG

PROJECT NAME: [illegible]
PROJECT NUMBER: 7457
DRILLING COMPANY: [illegible]
DRILLING RIG: Diedrich D-120

BORING NUMBER: Well # OLD-CU2-12B
DATE: [illegible]
GEOLOGIST: [illegible]
DRILLER: [illegible]

Sample No. and Type or RQD	Depth (Ft.) or Run No.	Blows / 6" or RQD (%)	Sample Recovery / Sample Length	Lithology Change (Depth/Ft.) or Screened Interval	MATERIAL DESCRIPTION: Soil Density/ Consistency or Rock Hardness	Color	Material Classification	USCS *	Remarks	PID/FID Reading (ppm): Sample	Sampler BZ	Borehole**	Driller BZ**
	[illegible]	[illegible]/8	[illegible]				LT. TAN FINE		STARTED [illegible]	0	[illegible]	[illegible]	[illegible]
	[illegible]	8/12	[illegible]				GRAIN SAND		@ 35'				
	[illegible]	4/4	6 6				LT GRAYISH TAN						
	[illegible]	5/8	6 [illegible]				FINE GRAIN SAND						
	[illegible]	[illegible]/3	6										
	[illegible]	[illegible]	6 6										
	[illegible]	[illegible]	6 6				LT BROWN FINE GRAIN						
	[illegible]	[illegible]	6 6				SAND						
	34	[illegible]	6 [illegible]										
	35	[illegible]	[illegible]										
	36	[illegible]	[illegible]										
	37	[illegible]	[illegible]				HIT CLAY LAYER @ 37'			0	[illegible]	[illegible]	[illegible]

* When rock coring, enter rock brokeness.

** Include monitor reading in 6 foot intervals @ borehole. Increase reading frequency if elevated reponse read.

Remarks: [illegible] Air Flush

Drilling Area Background (ppm): 0/[illegible]

Converted to Well: Yes ✓ No ____ Well I.D. #: ____

BORING LOG

Page 1 of 1

PROJECT NAME: NTC Orlando
PROJECT NUMBER: 7457
DRILLING COMPANY: GPI
DRILLING RIG: Diedrich D-120
BORING NUMBER: OLD-042-13A
DATE: 6/8/95
GEOLOGIST: GB
DRILLER: Nick

Sample No. and Type or RQD	Depth (Ft.) or Run No.	Blows / 6" or RQD (%)	Sample Recovery / Sample Length	Lithology Change (Depth/Ft.) or Screened Interval	MATERIAL DESCRIPTION: Soil Density/ Consistency or Rock Hardness	MATERIAL DESCRIPTION: Color	MATERIAL DESCRIPTION: Material Classification	USCS *	Remarks	PID/FID Reading (ppm): Sample	Sampler BZ	Borehole**	Driller BZ**
						gray	sand, medium to coarse grained, vegetation + organics, poorly sorted		post hole 4'				
	2									ND	ND	ND	ND
	4												
						brown tan	sand, medium grained angular to sub angular, well sorted			ND	ND	ND	ND
	6												
	8												
	10									ND	ND	ND	ND
	12												
	14												
	15						↓			ND	ND	ND	ND
	15												

* When rock coring, enter rock brokeness.

** Include monitor reading in 6 foot intervals @ borehole. Increase reading frequency if elevated reponse read.

Drilling Area Background (ppm): 0 ppm

Remarks:

Converted to Well: Yes ✓ No ____ Well I.D. #: OLD-042-13B

BORING LOG

Page ___ of ___

PROJECT NAME: NTC-ORLANDO
PROJECT NUMBER: 7457
DRILLING COMPANY: Groundwater Protection Inc
DRILLING RIG: Diedrich D-120
BORING NUMBER: OLD-OU2-13B
DATE: 6/8/98
GEOLOGIST: GB
DRILLER: Nick

Sample No. and Type or RQD	Depth (Ft.) or Run No.	Blows / 6" or RQD (%)	Sample Recovery / Sample Length	Lithology Change (Depth/Ft.) or Screened Interval	MATERIAL DESCRIPTION: Soil Density/ Consistency or Rock Hardness	Color	Material Classification	USCS *	Remarks	PID/FID Reading (ppm): Sample	Sampler BZ	Borehole**	Driller BZ**
							Sand, light grey		post-holed to 4 ft.				
	2						medium to coarse grained						
							organics, well sorted.						
	4						↓						
	5						Sand, dark brown			<1	<1	<1	<1
							med. grained, moist						
							well sorted						
							↓						
	10									<1	<1	<1	<1
	15												
										<1	<1	<1	<1
							↓						
	19						Sand, light brown						
	20						med. grained well sorted			<1	<1	<1	<1
							↓						
	25	8/5					↓			<1	<1	<1	<1

* When rock coring, enter rock brokeness.

** Include monitor reading in 6 foot intervals @ borehole. Increase reading frequency if elevated reponse read.

Drilling Area Background (ppm): <1 ppm

Remarks: ___

Converted to Well: Yes ✓ No ___ Well I.D. #: OLD-OU2-13B

BORING LOG

PROJECT NAME: NTC ORLANDO
PROJECT NUMBER: 7457
DRILLING COMPANY: Groundwater Protection Inc.
DRILLING RIG: Diedrich D-120
BORING NUMBER: OLD-OU2-13B
DATE: 6/8/98
GEOLOGIST: Brady Bruyere
DRILLER: Nick

Sample No. and Type or RQD	Depth (Ft.) or Run No.	Blows / 6" or RQD (%)	Sample Recovery / Sample Length	Lithology Change (Depth/Ft.) or Screened Interval	MATERIAL DESCRIPTION: Soil Density/ Consistency or Rock Hardness	Color	Material Classification	USCS *	Remarks	PID/FID Reading (ppm): Sample	Sampler BZ	Borehole**	Driller BZ**
		7/6					sand, grey green, med						
		6/6					grained, sub-angular						
		5/4					minor clay, poorly						
		4/6					consolidated.						
	30	5/7					clayey sand, greenish			<1	<1	<1	<1
		7/8					brown, soft						
		8/9					↓						
		12/10											
	34	11/12					clay, dark green,						
							stiff						

* When rock coring, enter rock brokeness.

** Include monitor reading in 6 foot intervals @ borehole. Increase reading frequency if elevated reponse read.

Remarks:

Drilling Area Background (ppm): <1 ppm

Converted to Well: Yes ✓ No _____ Well I.D. #: OLD-OU2-13B.

BORING LOG

PROJECT NAME: [illegible]
PROJECT NUMBER: 7457
DRILLING COMPANY: [illegible]
DRILLING RIG: Diedrich D-120.
BORING NUMBER: Well # [illegible] OLD-OU2-14A
DATE: [illegible]
GEOLOGIST: [illegible]
DRILLER: [illegible]

Sample No. and Type or RQD	Depth (Ft.) or Run No.	Blows / 6" or RQD (%)	Sample Recovery / Sample Length	Lithology Change (Depth/Ft.) or Screened Interval	MATERIAL DESCRIPTION: Soil Density/ Consistency or Rock Hardness	MATERIAL DESCRIPTION: Color	MATERIAL DESCRIPTION: Material Classification	USCS*	Remarks	PID/FID Reading (ppm): Sample	PID/FID Reading (ppm): Sampler BZ	PID/FID Reading (ppm): Borehole**	PID/FID Reading (ppm): Driller BZ**
		NA	NA				[illegible] filter [illegible]		[illegible] to	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]						[illegible] sand		[illegible]				
							[illegible] fine [illegible]						
	[illegible]						sand						
	[illegible]												
	[illegible]												
	[illegible]								[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]		[illegible]							[illegible]	[illegible]	[illegible]	[illegible]

* When rock coring, enter rock brokeness.
** Include monitor reading in 6 foot intervals @ borehole. Increase reading frequency if elevated reponse read.

Remarks: [illegible] 15 [illegible]

Drilling Area Background (ppm): [illegible]

Converted to Well: Yes ✓ No ____ Well I.D. #: OLD-OU2-14A

BORING LOG

PROJECT NAME: NTC Orlando
PROJECT NUMBER: 7457
DRILLING COMPANY: Groundwater Protection
DRILLING RIG: Diedrich D-[illegible]

BORING NUMBER: [illegible] OLD OW-14B
DATE: [illegible]
GEOLOGIST: [illegible]
DRILLER: Rick?

Sample No. and Type or RQD	Depth (Ft.) or Run No.	Blows / 6" or RQD (%)	Sample Recovery / Sample Length	Lithology Change (Depth/Ft.) or Screened Interval	MATERIAL DESCRIPTION: Soil Density/ Consistency or Rock Hardness	MATERIAL DESCRIPTION: Color	MATERIAL DESCRIPTION: Material Classification	USCS*	Remarks	PID/FID Reading (ppm): Sample	PID/FID Reading (ppm): Sampler BZ	PID/FID Reading (ppm): Borehole**	PID/FID Reading (ppm): Driller BZ**
		NA/NA	NA				Brown + Grey Fine		Pushed to	[illegible]	[illegible]	[illegible]	[illegible]
	2	[illegible]	[illegible]				Grey Sand		4' bls			[illegible]	
		[illegible]	NA				Brown Fine Grain						
	4	[illegible]	[illegible]				Sand						
	8												
									Water Table @				
									10' bls				
							Brown [illegible]						
							Sand						
									Start split spoon				
									@ 25' bls	[illegible]	[illegible]	[illegible]	[illegible]

* When rock coring, enter rock brokeness.

** Include monitor reading in 6 foot intervals @ borehole. Increase reading frequency if elevated reponse read.

Remarks:

Drilling Area Background (ppm): [illegible]

Converted to Well: Yes ✓ No ____ Well I.D. #: OLD-[illegible]-14B

BORING LOG

PROJECT NAME: NTC - ORLANDO
PROJECT NUMBER: 7457
DRILLING COMPANY: EPI
DRILLING RIG: Durotek D-120
BORING NUMBER: WELL OLD-GW2-14B
DATE: 2-16-24
GEOLOGIST: TOM MCCOY
DRILLER: NICK

Sample No. and Type or RQD	Depth (Ft.) or Run No.	Blows / 6" or RQD (%)	Sample Recovery / Sample Length	Lithology Change (Depth/Ft.) or Screened Interval	MATERIAL DESCRIPTION: Soil Density/ Consistency or Rock Hardness	Color	Material Classification	USCS *	Remarks	PID/FID Reading (ppm): Sample	Sampler BZ	Borehole**	Driller BZ**
	26	9/	6				LT TAN FINE SAND						
	27	6/12	6				SAME						
	28	12/16	6										
	29	3/7	6										
	30	5/12	6				LT BROWNISH TAN SAND						
	31	5/17	6				SAME SILTY SAND						
	32	20/11	6										
	33	5/16	6										
	34	7/9	6										
	35						SAME CAVED IN						
							TD 35 BLS						

* When rock coring, enter rock brokeness.

** Include monitor reading in 6 foot intervals @ borehole. Increase reading frequency if elevated reponse read.

Remarks: Grouted @ 34 BLS

Drilling Area Background (ppm): [illegible]

Converted to Well: Yes ✓ No ____ Well I.D. #: OLD-GW2-14B

BORING LOG

PROJECT NAME: NTC Orlando
PROJECT NUMBER: 7457
DRILLING COMPANY: Ground Water Protection
DRILLING RIG:
BORING NUMBER: Well # 15-A
DATE: 6-8-98
GEOLOGIST: Tom Nicotra
DRILLER: Jim Hirst

Sample No. and Type or RQD	Depth (Ft.) or Run No.	Sleeve / 6" or RQD (%)	Sample Recovery / Sample Length	Lithology Change (Depth/Ft.) or Screened Interval	MATERIAL DESCRIPTION: Soil Density/ Consistency or Rock Hardness	Color	Material Classification	USCS *	Remarks	PID/FID Reading (ppm): Sample	Sampler BZ	Borehole**	Driller BZ**
		NA					DARK Brown + Grey Fine GRAIN		Mostly to			0/0	0/0
	2'	NA					Sand		4' BLS				
		NA											
	4'	NA					TAN Fine GRAIN Sand						
	6'						DARK Brown Fine GRAIN Sand						
	8'												
	10'						Brown Fine GRAIN Sand		Water Table @				
									10' BLS.				
	12'												
	14'												
	15'												

* When rock coring, enter rock brokeness.

** Include monitor reading in 5 foot intervals @ borehole. Increase reading frequency if elevated reponse read.

Remarks:

Drilling Area Background (ppm): 0/0

Converted to Well: Yes ✓ No _____ Well I.D. #: _____

BORING LOG

PROJECT NAME: NTC Orlando
PROJECT NUMBER: 7457
DRILLING COMPANY: GROUNDWATER PROTECTION
DRILLING RIG:

BORING NUMBER: Well #15-B
DATE: 6-8-98
GEOLOGIST: TOM NICOTERA
DRILLER: JIM HINST

Sample No. and Type or RQD	Depth (Ft.) or Run No.	Blows / 6" or RQD (%)	Sample Recovery / Sample Length	Lithology Change (Depth/Ft.) or Screened Interval	MATERIAL DESCRIPTION: Soil Density/ Consistency or Rock Hardness	Color	Material Classification	USCS *	Remarks	PID/FID Reading (ppm): Sample	Sampler BZ	Borehole**	Driller BZ**
		NA	NA				DARK Brown Fine GRAIN SAND		Post Holed To	0	NA	NA	0
	2	NA	NA						4' BLS.				
	3	NA	NA				DARK Brown + GRAY FINE GRAIN SAND						
	4	NA	NA										
*	5						LT TAN FINE GRAIN SAND.			0	NA	0	0
	6												
	7												
	8						DARK Brown Fine GRAIN						
	9						SAND						
	10								WATER TABLE @				
	11								10' BLS.				
	12												
	13												
	14												
*	15									0	NA	0	0
	16												
	17												
	18												
	19												
	20												
	21												
	22												
	23												
	24												
*	25	5	6	6			LT TAN FINE GRAIN SAND.			0	NA	0	0

* When rock coring, enter rock brokeness.

** Include monitor reading in 6 foot intervals @ borehole. Increase reading frequency if elevated reponse read.

Remarks: * means soil sample collected here

Drilling Area Background (ppm): 0

Converted to Well: Yes ✓ No _____ Well I.D. #: _____

BORING LOG

PROJECT NAME: NTC ORLANDO
PROJECT NUMBER: 7457
DRILLING COMPANY: GROUNDWATER PROTECTION
DRILLING RIG:
BORING NUMBER: Well # 15-B
DATE: 6-8-98
GEOLOGIST: Tom NICOTERA
DRILLER: Jim HINST

Sample No. and Type or RQD	Depth (Ft.) or Run No.	Blows / 6" or RQD (%)	Sample Recovery / Sample Length	Lithology Change (Depth/Ft.) or Screened Interval	MATERIAL DESCRIPTION: Soil Density/ Consistency or Rock Hardness	Color	Material Classification	USCS *	Remarks	PID/FID Reading (ppm): Sample	Sampler BZ	Borehole**	Driller BZ**
	26	9/12	6"/6"				LT. TAN FINE GRAIN SAND						
	27	6/6	6"/6"							0 ppm	0 ppm	0 ppm	0 ppm
	28	5/9	6"/6"				OLIVE TAN FINE GRAIN SILTY						
	29	4/6	6"/6"				SAND						
	30	8/10	6"/6"										
	31	5/5	6"/6"										
	32	6/8	6"/6"										
	33	10/10	6"/6"										
	34	13/15	6"/6"				LT. TAN FINE GRAIN SAND SILTY						
	35	6/9	6"/6"										
	36	7/12	6"/6"										
	37	4/6	6"/6"										
	38	8/10	6"/6"										
	39	6/7	6"/6"										
	40	5/5	6"/6"				HIT CLAY AT 40.5' BLS						
	41						CLAY LAYER			0 ppm	0 ppm	0 ppm	0 ppm
							- TERMINATE BORING @ 41' BLS						
							- SET WELL @ 40' BLS						

* When rock coring, enter rock brokeness.

** Include monitor reading in 6 foot intervals @ borehole. Increase reading frequency if elevated reponse read.

Remarks:

Drilling Area Background (ppm): 0 ppm

Converted to Well: Yes ✓ No _____ Well I.D. #: _____

BORING LOG

Page 1 of 1

PROJECT NAME: NTC Orlando
PROJECT NUMBER: 7457
DRILLING COMPANY: Ground Water Protection
DRILLING RIG: Bedrock D-120
BORING NUMBER: Well # 16-A
DATE: 6-7-98
GEOLOGIST: Tom Nicotra
DRILLER: Nick

Sample No. and Type or RQD	Depth (Ft.) or Run No.	Blows / 6" or RQD (%)	Sample Recovery / Sample Length	Lithology Change (Depth/Ft.) or Screened Interval	MATERIAL DESCRIPTION: Soil Density/ Consistency or Rock Hardness	Color	Material Classification	USCS	Remarks	PID/FID Reading (ppm): Sample	Sampler BZ	Borehole**	Driller BZ**
	1'	NA	NA				Dark Brown & Grey Fine		Hosthled to			0/0	
	2'	NA	NA				Grain Sand.		4' BLS.				
	3'	NA	NA										
	4'	NA	NA										
	5'						Dark Brown Fine Grain						
	6'						Sand.						
	7'												
	8'								water table @				
	9'								8' BLS.				
	10'												
	11'												
	12'												
	13'												
	14'												
	15'											0/0	

* When rock coring, enter rock brokeness.

** Include monitor reading in 6 foot intervals @ borehole. Increase reading frequency if elevated reponse read.

Remarks:

Drilling Area Background (ppm): 0/0

Converted to Well: Yes ✓ No ____ Well I.D. #: ____

BORING LOG

PROJECT NAME: NTC Orlando
PROJECT NUMBER: 7457
DRILLING COMPANY: Groundwater Protection
DRILLING RIG: Diedrich D-120
BORING NUMBER: Well # 16-B
DATE: 6-7-98
GEOLOGIST: Tom Nicotra
DRILLER: Nick

Sample No. and Type or RQD	Depth (Ft.) or Run No.	Blows / 6" or RQD (%)	Sample Recovery / Sample Length	Lithology Change (Depth/Ft.) or Screened Interval	MATERIAL DESCRIPTION: Soil Density/ Consistency or Rock Hardness	Color	Material Classification	USCS *	Remarks	PID/FID Reading (ppm): Sample	Sampler BZ	Borehole**	Driller BZ**
	1	NA	NA			DARK Brown & Grey	Fine Grain Sand		Post Holed To 4' BLS.			0	0
	2	NA	NA										
	3	NA	NA										
	4	NA	NA			DARK Brown	Fine Grain Sand						
	6												
	8								WATER TABLE @ 8' BLS.				
	10					LT Brown	Fine Grain Sand						
	12												
	14												
	16												
	18												
	20												
	22												
	24												
	25		6" 6"			LT Tan & LT Brown	Fine Grain Sand					0	0

* When rock coring, enter rock brokeness.

** Include monitor reading in 6 foot intervals @ borehole. Increase reading frequency if elevated reponse read.

Drilling Area Background (ppm): 0

Remarks:

Converted to Well: Yes ✓ No _____ Well I.D. #: _____

BORING LOG

PROJECT NAME: NTC ORLANDO
PROJECT NUMBER: 7457
DRILLING COMPANY: GROUND WATER PROTECTION
DRILLING RIG: PIEDRICH D-120
BORING NUMBER: WELL # 16-B
DATE: 6-7-98
GEOLOGIST: TOM NICHOLS
DRILLER: NICK

Sample No. and Type or RQD	Depth (Ft.) or Run No.	Blows / 6" or RQD (%)	Sample Recovery / Sample Length	Lithology Change (Depth/Ft.) or Screened Interval	MATERIAL DESCRIPTION: Soil Density/ Consistency or Rock Hardness	Color	Material Classification	USCS *	Remarks	PID/FID Reading (ppm): Sample	Sampler BZ	Borehole**	Driller BZ**
	26						LT TAN + LT BROWN FINE GRAIN						
	27						SAND						
	28												
	29												
	30												
	31						LT TAN/LT BROWN FINE GRAIN						
	32						SILTY SAND - COMPRESSED TIGHT @ 32'-33'						
	33												
	34						LT TAN COMPRESSED						
	35						SILTY SAND.						
	36						LT TAN SILTY SAND						
	37												
	38						HIT CLAY LAYER						
	39												
							TERMINATE BORING @						
							39' BLS.						
							SET WELL @ 37' BLS.						

* When rock coring, enter rock brokeness.

** Include monitor reading in 6 foot intervals @ borehole. Increase reading frequency if elevated reponse read.

Remarks:

Drilling Area Background (ppm): 0 ppm

Converted to Well: Yes ✓ No ____ Well I.D. #: ____

BORING LOG

PROJECT NAME: NTC Orlando
PROJECT NUMBER: 7457
DRILLING COMPANY: GPI
DRILLING RIG: Diedrich D-120

BORING NUMBER: OLD-042-17A
DATE: 6/17/98
GEOLOGIST: CB
DRILLER: Nick

Sample No. and Type or RQD	Depth (Ft.) or Run No.	Blows / 6" or RQD (%)	Sample Recovery / Sample Length	Lithology Change (Depth/Ft.) or Screened Interval	MATERIAL DESCRIPTION: Soil Density/ Consistency or Rock Hardness	MATERIAL DESCRIPTION: Color	MATERIAL DESCRIPTION: Material Classification	USCS *	Remarks	PID/FID Reading (ppm): Sample	Sampler BZ	Borehole**	Driller BZ**
						grey brown	Sand, coarse grained vegetation, poorly sorted		post hole to 4'					
	2									ND	ND	ND	ND
	4												
										ND	ND	ND	ND
	6								saturated				
						tan brown	Sand, medium grained to well sorted angular						
	8												
	10									ND	ND	ND	ND
	12												
	14												
	16									ND	ND	ND	ND

* When rock coring, enter rock brokeness.

** Include monitor reading in 6 foot intervals @ borehole. Increase reading frequency if elevated reponse read.

Remarks:

Drilling Area Background (ppm): 0 ppm

Converted to Well: Yes ✓ No

Well I.D. #: OLD 042-17A

BORING LOG

PROJECT NAME: NTC Orlando
PROJECT NUMBER: 7457
DRILLING COMPANY: GPI
DRILLING RIG: Diedrich D-120

BORING NUMBER: OLD-042-17B
DATE: 6/17/93
GEOLOGIST: GB
DRILLER: Nick.

Sample No. and Type or RQD	Depth (Ft.) or Run No.	Blows / 6" or RQD (%)	Sample Recovery / Sample Length	Lithology Change (Depth/Ft.) or Screened Interval	MATERIAL DESCRIPTION: Soil Density/ Consistency or Rock Hardness	Color	Material Classification	USCS *	Remarks	PID/FID Reading (ppm): Sample	Sampler BZ	Borehole**	Driller BZ**
						brown grey	sand, medium to		post hole to				
	2						coarse grained, poorly		4 ft	ND	ND	ND	ND
							sorted		↓				
	4												
										ND	ND	ND	ND
	6					Lt Brown	sand, medium, grained						
							well sorted angular						
	8						to sub angular						
							↓						
	10									ND	ND	ND	ND
							↓						
	12												
						Brown	same as above.						
	14						↓						
										ND	ND	ND	ND
	16					Lt grey	same as above						
							↓						
	18												
	20									ND	ND	ND	ND
	22												
	24												
							↓			ND	ND	ND	ND

* When rock coring, enter rock brokeness

** Include monitor reading in 6 foot intervals @ borehole. Increase reading frequency if elevated reponse read.

Remarks: _____

Drilling Area Background (ppm): 0 ppm

Converted to Well: Yes ✓ No _____ Well I.D. #: OLD-042-17B

BORING LOG

PROJECT NAME: NTC Orlando
PROJECT NUMBER: 7457
DRILLING COMPANY: EPI
DRILLING RIG:
BORING NUMBER: OLD-042-17B
DATE:
GEOLOGIST: GB
DRILLER:

Sample No. and Type or RQD	Depth (Ft.) or Run No.	Blows / 6" or RQD (%)	Sample Recovery / Sample Length	Lithology Change (Depth/Ft.) or Screened Interval	MATERIAL DESCRIPTION: Soil Density/ Consistency or Rock Hardness	Color	Material Classification	USCS*	Remarks	PID/FID Reading (ppm): Sample	Sampler BZ	Borehole**	Driller BZ**
	25	4/4				grey green	sand, medium grained		saturated	ND	ND	ND	ND
		5/8					well sorted, angular						
		7/3								ND	ND	ND	ND
		4/9											
	30	10/9								ND	ND	ND	ND
		4/3				green	same as above, minor clay						
	32	3/4											
	33	3/6				green	clay, dense, well			ND	ND	ND	ND
	34	7/2					consolidated						

* When rock coring, enter rock brokeness.

** Include monitor reading in 6 foot intervals @ borehole. Increase reading frequency if elevated reponse read.

Remarks:

Drilling Area Background (ppm): 0 ppm

Converted to Well: Yes ✓ No

Well I.D. #: OLD-042-17B

BORING LOG

Page 1 of 1

PROJECT NAME: Nic - Orlando
PROJECT NUMBER: 7457
DRILLING COMPANY: GPI
DRILLING RIG: Diedrich D-120

BORING NUMBER: OLD-042-18A
DATE: 6/9
GEOLOGIST: GB
DRILLER: Nick

Sample No. and Type or RQD	Depth (Ft.) or Run No.	Blows / 6" or RQD (%)	Sample Recovery / Sample Length	Lithology Change (Depth/Ft.) or Screened Interval	MATERIAL DESCRIPTION: Soil Density/ Consistency or Rock Hardness	MATERIAL DESCRIPTION: Color	MATERIAL DESCRIPTION: Material Classification	USCS *	Remarks	PID/FID Reading (ppm): Sample	PID/FID Reading (ppm): Sampler BZ	PID/FID Reading (ppm): Borehole**	PID/FID Reading (ppm): Driller BZ**
						gray	sand, gray-brown		poor hold to				
	2						coarse to medium grained		4'	ND	ND	ND	ND
							vegetation,		↓				
	4						↓		↓				
						brown	sand, medium-grained			ND	ND	ND	ND
	6						sub-angular to						
							angular, well						
	8						sorted						
	10									ND	ND	ND	ND
	12												
	14												
	15						↓			ND	ND	ND	ND

* When rock coring, enter rock brokeness.

** Include monitor reading in 6 foot intervals @ borehole. Increase reading frequency if elevated reponse read.

Drilling Area Background (ppm): 0

Remarks:

Converted to Well: Yes ✓ No _____ Well I.D. #: OLD-042-18A

BORING LOG

Page 1 of 2

PROJECT NAME: NTC - ORLANDO
PROJECT NUMBER: 74-1
DRILLING COMPANY: CH2
DRILLING RIG: Geoprobe 7822
BORING NUMBER: OLD-SWMU-18-B
DATE:
GEOLOGIST: CD
DRILLER: [illegible]

Sample No. and Type or RQD	Depth (Ft.) or Run No.	Blows / 6" or RQD (%)	Sample Recovery / Sample Length	Lithology Change (Depth/Ft.) or Screened Interval	MATERIAL DESCRIPTION: Soil Density/ Consistency or Rock Hardness	Color	Material Classification	USCS *	Remarks	PID/FID Reading (ppm): Sample	Sampler BZ	Borehole**	Driller BZ**
	R									ND	ND	ND	ND
	1												
										ND	ND	ND	ND
										ND	ND	ND	ND
										ND	ND	ND	ND
										ND	ND	ND	ND
										ND	ND	ND	ND
		12								ND	ND	ND	ND

* When rock coring, enter rock brokeness.

** Include monitor reading in 6 foot intervals @ borehole. Increase reading frequency if elevated reponse read.

Drilling Area Background (ppm): 0 ppm

Remarks:

Converted to Well: Yes ✓ No _____ Well I.D. #: OLD-SWMU-18-B

BORING LOG

PROJECT NAME: [illegible]
PROJECT NUMBER: [illegible]
DRILLING COMPANY: [illegible]
DRILLING RIG: [illegible]

BORING NUMBER: [illegible]
DATE:
GEOLOGIST: [illegible]
DRILLER: [illegible]

Sample No. and Type or RQD	Depth (Ft.) or Run No.	Blows / 6" or RQD (%)	Sample Recovery / Sample Length	Lithology Change (Depth/Ft.) or Screened Interval	MATERIAL DESCRIPTION: Soil Density/ Consistency or Rock Hardness	MATERIAL DESCRIPTION: Color	MATERIAL DESCRIPTION: Material Classification	USCS*	Remarks	PID/FID Reading (ppm): Sample	PID/FID Reading (ppm): Sampler BZ	PID/FID Reading (ppm): Borehole**	PID/FID Reading (ppm): Driller BZ**
		10 / 13											
		13 / 15								ND	ND	ND	ND
		15 / 10											
		10 / 12											
		9 / 9								ND	ND	ND	ND
		3 / 3											
		6 / 5											
		5 / 4											
		4 /								ND	ND	ND	ND

* When rock coring, enter rock brokeness.

** Include monitor reading in 6 foot intervals @ borehole. Increase reading frequency if elevated reponse read.

Remarks:

Drilling Area Background (ppm): 0

Converted to Well: Yes ✓ No

Well I.D. #: OLD-043-18B

BORING LOG

Page 1 of 1

PROJECT NAME: NTC ORLANDO
PROJECT NUMBER: 7457
DRILLING COMPANY: GROUNDWATER PROTECTION
DRILLING RIG: DIEDRICH D-120
BORING NUMBER: WELL # 19-A
DATE: 6-6-98
GEOLOGIST: TOM NICOTERA
DRILLER: NICK

Sample No. and Type or RQD	Depth (Ft.) or Run No.	Blows / 6" or RQD (%)	Sample Recovery / Sample Length	Lithology Change (Depth/Ft.) or Screened Interval	MATERIAL DESCRIPTION: Soil Density/ Consistency or Rock Hardness	Color	Material Classification	USCS *	Remarks	PID/FID Reading (ppm): Sample	Sampler BZ	Borehole**	Driller BZ**
		NA	NA				DARK BROWN FINE GRAIN SAND		Test holed to 4' BLS			0 ppm	0 ppm
	2'	NA	NA				LT BROWN FINE GRAIN SAND						
		NA	NA				DARK BROWN FINE GRAIN SAND.						
	4'	NA	NA										
	6'												
	8'												
	10'								WATER TABLE @ 10' BLS				
	12'												
	14'												
	15'											0 ppm	0 ppm
							BOREHOLE TERMINATED @ 15' BLS.						

* When rock coring, enter rock brokeness.

** Include monitor reading in 6 foot intervals @ borehole. Increase reading frequency if elevated reponse read.

Remarks:

Drilling Area Background (ppm): 0 ppm

Converted to Well: Yes ✓ No _____ Well I.D. #: _____

BORING LOG

PROJECT NAME: NTC Orlando
PROJECT NUMBER: 7457
DRILLING COMPANY: Groundwater Protection
DRILLING RIG: Diedrich D120
BORING NUMBER: Well #19-B
DATE: 6-6-98
GEOLOGIST: Tom Nicotera
DRILLER: Nick

Sample No. and Type or RQD	Depth (Ft.) or Run No.	Blows / 6" or RQD (%)	Sample Recovery / Sample Length	Lithology Change (Depth/Ft.) or Screened Interval	MATERIAL DESCRIPTION: Soil Density/ Consistency or Rock Hardness	Color	Material Classification	USCS *	Remarks	PID/FID Reading (ppm): Sample	Sampler BZ	Borehole**	Driller BZ**
	1	NA	NA				DARK Brown Fine Grain Sand		Costhaled To			0	0
	2	NA	NA						4' BLS.				
	3	NA	NA				LT Brown Fine Grain Sand						
	4	NA	NA										
	5	5/3					DARK Brown Fine Grain Sand						
*	6	5/6											
	7												
	8												
	9												
	10	5/6					Rusty Brown Fine Grain Sand		Watertable @			0	1
	11	18/27							10' BLS.				
	12												
	13												
	14												
	15	5/5					LT Brown Fine Grain Sand						
*	16	12/17											
	17												
	18												
	19												
	20	7/9					LT Tan Fine Grain Sand						
	21	11/10											
	22												
	23												
	24												
*	25	4/4											

When rock coring, enter rock brokeness.

** Include monitor reading in 6 foot intervals @ borehole. Increase reading frequency if elevated reponse read.

Remarks:

Drilling Area Background (ppm): 0

Converted to Well: Yes ✓ No ____ Well I.D. #: ____

BORING LOG

PROJECT NAME: NTC Orlando
PROJECT NUMBER: 7457
DRILLING COMPANY: Groundwater Protection
DRILLING RIG: Diedrich D-120
BORING NUMBER: Well #19-B
DATE: 6-6-98
GEOLOGIST: Tom Nicotera
DRILLER: Nick

Sample No. and Type or RQD	Depth (Ft.) or Run No.	Blows / 6" or RQD (%)	Sample Recovery / Sample Length	Lithology Change (Depth/Ft.) or Screened Interval	MATERIAL DESCRIPTION: Soil Density/ Consistency or Rock Hardness	Color	Material Classification	USCS *	Remarks	PID/FID Reading (ppm): Sample	Sampler BZ	Borehole**	Driller BZ**
	26	13/15					LT TAN FINE GRAIN SAND						
	27	9/16					↓						
	28	18/20					↓						
	29	3/5					↓						
	30	9/12					↓						
	31	9/14					↓						
	32	18/22					↓						
	33	2/2					↓						
	34	4/6					LT GREY FINE GRAIN SILTY						
	35	3/3					SAND "COMPACTED TIGHTLY"						
	36	8/17											
	37						HIT CLAY LAYER AT						
	~~38~~						37' B/S.						
	~~39~~						TERMINATE BOREHOLE						
	40						@ 37'						

* When rock coring, enter rock brokeness.

** Include monitor reading in 6 foot intervals @ borehole. Increase reading frequency if elevated reponse read.

Remarks:

Drilling Area Background (ppm): 0 ppm

Converted to Well: Yes ✓ No ____ Well I.D. #: ____

BORING LOG

PROJECT NAME: NTC [illegible]
BORING NUMBER: Well # [illegible]-A
PROJECT NUMBER: [illegible]
DATE: [illegible]
DRILLING COMPANY: Groundwater Protection
GEOLOGIST: [illegible]
DRILLING RIG: [illegible]
DRILLER: [illegible]

Sample No. and Type or RQD	Depth (Ft.) or Run No.	Blows / 6" or RQD (%)	Sample Recovery / Sample Length	Lithology Change (Depth/Ft.) or Screened Interval	MATERIAL DESCRIPTION: Soil Density/ Consistency or Rock Hardness	Color	Material Classification	USCS*	Remarks	PID/FID Reading (ppm): Sample	Sampler BZ	Borehole**	Driller BZ**
		NA	NA			BR	Brown & Grey Fine		Postholed To	[illegible]	[illegible]	[illegible]	[illegible]
	2						Grain Sand		4' BLS				
	4												
						BR	Brown Fine						
	6						Grain Sand						
	8												
	10								Water Table @ 10'	[illegible]	[illegible]	[illegible]	[illegible]
						[illegible]	Tan [illegible]						
	12						Fine [illegible] Sand						
	[illegible]												
	[illegible]									[illegible]	[illegible]	[illegible]	[illegible]

* When rock coring, enter rock brokeness.

** Include monitor reading in 6 foot intervals @ borehole. Increase reading frequency if elevated reponse read.

Remarks:

Drilling Area Background (ppm): [illegible]

Converted to Well: Yes ✓ No ____ Well I.D. #: ____

BORING LOG

PROJECT NAME: NTC Orlando
PROJECT NUMBER: 7457
DRILLING COMPANY: Groundwater Protection
DRILLING RIG: Pro drill M-120

BORING NUMBER: Well # 2 [illegible]
DATE: 6-24-98
GEOLOGIST: Tom [illegible]
DRILLER: [illegible]

Sample No. and Type or RQD	Depth (Ft.) or Run No.	Blows / 6" or RQD (%)	Sample Recovery / Sample Length	Lithology Change (Depth/Ft.) or Screened Interval	MATERIAL DESCRIPTION: Soil Density/ Consistency or Rock Hardness	MATERIAL DESCRIPTION: Color	MATERIAL DESCRIPTION: Material Classification	U S C S *	Remarks	PID/FID Reading (ppm): Sample	PID/FID Reading (ppm): Sampler BZ	PID/FID Reading (ppm): Borehole**	PID/FID Reading (ppm): Driller BZ**
			NA			Lt	Brown & Grey Fine		Post hole to	[illegible]	[illegible]	[illegible]	[illegible]
	2		NA				Grey Sand		5' bls				
			NA										
	4		NA										
						Lt	Black Fine						
							Brown Sand						
	8												
						Lt	Tan & Brown						
							Fine Brown Sand		Water Table @ 10' bls	0	1/3	1/3	1/3
	5												

* When rock coring, enter rock brokeness.

** Include monitor reading in 6 foot intervals @ borehole. Increase reading frequency if elevated reponse read.

Remarks: Start split spoon @ 25' bls

Drilling Area Background (ppm): 0/[illegible]

Converted to Well: Yes ✓ No ____ Well I.D. #: ____

BORING LOG

Page ___ of ___

PROJECT NAME: [illegible]
PROJECT NUMBER: [illegible]
DRILLING COMPANY: [illegible]
DRILLING RIG: [illegible]
BORING NUMBER: [illegible]
DATE: [illegible]
GEOLOGIST: [illegible]
DRILLER: [illegible]

Sample No. and Type or RQD	Depth (Ft.) or Run No.	Blows / 6" or RQD (%)	Sample Recovery / Sample Length	Lithology Change (Depth/Ft.) or Screened Interval	MATERIAL DESCRIPTION: Soil Density/ Consistency or Rock Hardness	MATERIAL DESCRIPTION: Color	MATERIAL DESCRIPTION: Material Classification	USCS *	Remarks	PID/FID Reading (ppm): Sample	Sampler BZ	Borehole**	Driller BZ**
							LT Tarnish Brown						
							Fine Grain Sand						
							LT Tarnish Green						
							Fine Grain - Silt						
							LT Tarnish Green						
							Fine Grain Sand + Some Silt						
							LT Clay Layer @ 41'						
							Set well casing @ 45' with (3) stickups						

* When rock coring, enter rock brokeness.

** Include monitor reading in 6 foot intervals @ borehole. Increase reading frequency if elevated reponse read.

Drilling Area Background (ppm): 0

Remarks: _____

Converted to Well: Yes ✓ No _____ Well I.D. #: _____

BORING LOG

Page 1 of 1

PROJECT NAME: NTC Orlando
PROJECT NUMBER: 7457
DRILLING COMPANY: GPI
DRILLING RIG: Diedrich D-120
BORING NUMBER: OLD-042-21A
DATE: 6/27
GEOLOGIST: AB
DRILLER: Nick

Sample No. and Type or RQD	Depth (Ft.) or Run No.	Blows / 6" or RQD (%)	Sample Recovery / Sample Length	Lithology Change (Depth/Ft.) or Screened Interval	MATERIAL DESCRIPTION: Soil Density/ Consistency or Rock Hardness	MATERIAL DESCRIPTION: Color	MATERIAL DESCRIPTION: Material Classification	USCS *	Remarks	PID/FID Reading (ppm): Sample	PID/FID Reading (ppm): Sampler BZ	PID/FID Reading (ppm): Borehole**	PID/FID Reading (ppm): Driller BZ**
						dk gray	sand, coarse grained		post hole to 4'				
	2						pebbles + cobbles, poorly sorted			ND	ND	ND	ND
							↓						
	4												
										ND	ND	ND	ND
	6					brown	sand, medium grained						
							well sorted, angular						
	8						to sub angular		saturated				
							↓		↓				
	10									ND	ND	ND	ND
	12												
	14						↓		↓				
										ND	ND	ND	ND

* When rock coring, enter rock brokeness.

** Include monitor reading in 6 foot intervals @ borehole. Increase reading frequency if elevated reponse read.

Drilling Area Background (ppm): 0ppm

Remarks:

Converted to Well: Yes ✓ No _____ Well I.D. #: OLD-042-21A

BORING LOG

PROJECT NAME: NTC - Orlando
PROJECT NUMBER: 7457
DRILLING COMPANY: GPI
DRILLING RIG: Diedrich D-120
BORING NUMBER: OLD-012-21B
DATE: 6/17
GEOLOGIST: GB
DRILLER: Nick

Sample No. and Type or RQD	Depth (Ft.) or Run No.	Blows / 6" or RQD (%)	Sample Recovery / Sample Length	Lithology Change (Depth/Ft.) or Screened Interval	MATERIAL DESCRIPTION: Soil Density/ Consistency or Rock Hardness	MATERIAL DESCRIPTION: Color	MATERIAL DESCRIPTION: Material Classification	USCS *	Remarks	PID/FID Reading (ppm): Sample	Sampler BZ	Borehole**	Driller BZ**
						gray brown	sand, coarse grained		post holed to 4'				
	2						pebbles + cobbles, vegetation			ND	ND	ND	ND
							poorly sorted						
	4						↓		↓				
						brown	sand, medium grained			ND	ND	ND	ND
	6						med. to well sorted						
							angular to subangular		stained				
	8						↓		↓				
	10									ND	ND	ND	
	12												
	14												
										ND	ND	ND	ND
	16												
	18						✓						
						dk brown	Sand, same as						
	20						above			ND	ND	ND	ND
							↓						
	22												
	24								✓				
		11 / 10					↓			ND	ND	ND	ND

* When rock coring, enter rock brokeness.

** Include monitor reading in 6 foot intervals @ borehole. Increase reading frequency if elevated reponse read.

Drilling Area Background (ppm): 0 ppm

Remarks:

Converted to Well: Yes ✓ No ____ Well I.D. #: OLD-012-21B

BORING LOG

PROJECT NAME: NTC Orlando
PROJECT NUMBER: 7457
DRILLING COMPANY: GPI
DRILLING RIG: Diedrich D-120
BORING NUMBER: OLD-OU2-21B
DATE: 6/17
GEOLOGIST: GB
DRILLER: Nick

Sample No. and Type or RQD	Depth (Ft.) or Run No.	Blows / 6" or RQD (%)	Sample Recovery / Sample Length	Lithology Change (Depth/Ft.) or Screened Interval	MATERIAL DESCRIPTION: Soil Density/ Consistency or Rock Hardness	Color	Material Classification	USCS *	Remarks	PID/FID Reading (ppm): Sample	Sampler BZ	Borehole**	Driller BZ**
		9/9					sand, fine grained, angular, well sorted						
	27	8/12											
		12/10											
	29	11/11											
		8/8								ND	ND	ND	ND
		5/4											
	32	4/3				green grey	clay, very stiff, well consolidated						
										ND	ND	ND	ND

* When rock coring, enter rock brokeness.

** Include monitor reading in 6 foot intervals @ borehole. Increase reading frequency if elevated reponse read.

Remarks:

Drilling Area Background (ppm): 0 ppm

Converted to Well: Yes ✓ No

Well I.D. #: OLD-OU2-21B

BORING LOG

PROJECT NAME: NTC Orlando ②
PROJECT NUMBER: 7457
DRILLING COMPANY: GPI
DRILLING RIG: Diedrich D-120
BORING NUMBER: OLD-042-22A
DATE: 6/16/98
GEOLOGIST: GB
DRILLER: Nick

Sample No. and Type or RQD	Depth (Ft.) or Run No.	Blows / 6" or RQD (%)	Sample Recovery / Sample Length	Lithology Change (Depth/Ft.) or Screened Interval	MATERIAL DESCRIPTION: Soil Density/ Consistency or Rock Hardness	Color	Material Classification	USCS *	Remarks	PID/FID Reading (ppm): Sample	Sampler BZ	Borehole**	Driller BZ**
						gray brown	sand, gray brown,		post holed to				
	2						coarse grained, [illegible]		4'	ND	ND	ND	ND
							poorly sorted		↓				
	4						↓						
										ND	ND	ND	ND
	6												
						brown	sand, medium grained		saturated				
	8						angular to subangular		↓				
							well sorted						
	10						↓			ND	ND	ND	[illegible]
	12												
	14									ND	ND	ND	ND

* When rock coring, enter rock brokeness.

** Include monitor reading in 6 foot intervals @ borehole. Increase reading frequency if elevated reponse read.

Remarks:

Drilling Area Background (ppm): 0 ppm

Converted to Well: Yes ✓ No

Well I.D. #: OLD-042-22A

BORING LOG

PROJECT NAME: NTC - Orlando
PROJECT NUMBER: 7457
DRILLING COMPANY: GPI
DRILLING RIG: Diedrich D-120
BORING NUMBER: BLD-EW2-2213
DATE: 6/1
GEOLOGIST: CG
DRILLER: Nick

Sample No. and Type or RQD	Depth (Ft.) or Run No.	Blows / 6" or RQD (%)	Sample Recovery / Sample Length	Lithology Change (Depth/Ft.) or Screened Interval	MATERIAL DESCRIPTION: Soil Density/ Consistency or Rock Hardness	Color	Material Classification	USCS *	Remarks	PID/FID Reading (ppm): Sample	Sampler BZ	Borehole**	Driller BZ**
						grey	sand, coarse grained		post lined to 4'				
	2'						30% pebbles + vegetation			Appx	ND	ND	ND
							poorly sorted						
	4'					tr Brown	sand, medium grained						
							well sorted, angular						
	6'						to sub angular						
	8'												
	10'												
	12'												
	14'												
	16'												
	18'												
	20'												
						brown	sand, medium to						
	22'						fine grained, angular						
							well sorted						
	24'												
		7/8											

* When rock coring, enter rock brokeness.

** Include monitor reading in 6 foot intervals @ borehole. Increase reading frequency if elevated reponse read.

Drilling Area Background (ppm):

Remarks:

Converted to Well: Yes ____ No ____ Well I.D. #: ____

BORING LOG

PROJECT NAME: NTC - Orlando
PROJECT NUMBER: 7457
DRILLING COMPANY: GPI
DRILLING RIG: Diedrich D-120
BORING NUMBER: OLD OU2-22B
DATE: 6/11
GEOLOGIST: GH
DRILLER: Nick

Sample No. and Type or RQD	Depth (Ft.) or Run No.	Blows / 6" or RQD (%)	Sample Recovery / Sample Length	Lithology Change (Depth/Ft.) or Screened Interval	MATERIAL DESCRIPTION: Soil Density/ Consistency or Rock Hardness	MATERIAL DESCRIPTION: Color	MATERIAL DESCRIPTION: Material Classification	USCS*	Remarks	PID/FID Reading (ppm): Sample	Sampler BZ	Borehole**	Driller BZ**
		8/7					sand, fine grained						
	27	10/8					well sorted			ND	ND	ND	ND
		8/9					↓						
	29	9/10					↓						
	31	12/11				grey green	sandy clay, poorly consolidated			ND	ND	ND	ND
	31	5/4					↓						
	32	3/3				green	clay, stiff, well consolidated						
							↓						

* When rock coring, enter rock brokeness.

** Include monitor reading in 6 foot intervals @ borehole. Increase reading frequency if elevated reponse read.

Remarks:

Drilling Area Background (ppm): 0 ppm

Converted to Well: Yes ✓ No _____ Well I.D. #: OLD OU2-22B

BORING LOG

PROJECT NAME: [illegible]
PROJECT NUMBER: 7457
DRILLING COMPANY: [illegible]
DRILLING RIG: [illegible]
BORING NUMBER: [illegible]
DATE:
GEOLOGIST:
DRILLER:

Sample No. and Type or RQD	Depth (Ft.) or Run No.	Blows / 6" or RQD (%)	Sample Recovery / Sample Length	Lithology Change (Depth/Ft.) or Screened Interval	MATERIAL DESCRIPTION: Soil Density/ Consistency or Rock Hardness	MATERIAL DESCRIPTION: Color	MATERIAL DESCRIPTION: Material Classification	USCS *	Remarks	PID/FID Reading (ppm): Sample	Sampler BZ	Borehole**	Driller BZ**

* When rock coring, enter rock brokeness.

** Include monitor reading in 6 foot intervals @ borehole. Increase reading frequency if elevated reponse read.

Drilling Area Background (ppm):

Remarks:

Converted to Well: Yes ✓ No Well I.D. #:

BORING LOG

PROJECT NAME: NTC Phase
PROJECT NUMBER: 3057
DRILLING COMPANY: Environmental Waste Mgmt
DRILLING RIG: Mobile B-53
BORING NUMBER: Well # OU1-CU2-23C
DATE: 6-20-95 & 6-25-95
GEOLOGIST: Tom Mosteller
DRILLER: [illegible]

Sample No. and Type or RQD	Depth (Ft.) or Run No.	Blows / 6" or RQD (%)	Sample Recovery / Sample Length	Lithology Change (Depth/Ft.) or Screened Interval	MATERIAL DESCRIPTION: Soil Density/ Consistency or Rock Hardness	MATERIAL DESCRIPTION: Color	MATERIAL DESCRIPTION: Material Classification	USCS *	Remarks	PID/FID Reading (ppm): Sample	Sampler BZ	Borehole**	Driller BZ**
	26	[illegible]	2.5				Weathered limestone						
	27						clay @ 28'						
	29												
	29												
	30						Shelby Tube 21'-31'						
							3' lite clay						
							Shelby Tube collected						
							40'-42'						
							Rock 12" lite shell						
							fragments						
							11" Moist Fine Sand						
							with Silt + Shell						
							fragments @ 48'						

* When rock coring, enter rock brokeness.

** Include monitor reading in 6 foot intervals @ borehole. Increase reading frequency if elevated reponse read.

Drilling Area Background (ppm): 0

Remarks:

Converted to Well: Yes ✓ No _____ Well I.D. #: _____

BORING LOG

Page 3 of 3

PROJECT NAME: NTC Orlando
PROJECT NUMBER: 0457
DRILLING COMPANY: Investigation Section
DRILLING RIG: Diedrich D-120
BORING NUMBER: Well # OLD-002-230
DATE: 6-25-97
GEOLOGIST: Tom Lectka
DRILLER: Nick

Sample No. and Type or RQD	Depth (Ft.) or Run No.	Blows / 6" or RQD (%)	Sample Recovery / Sample Length	Lithology Change (Depth/Ft.) or Screened Interval	MATERIAL DESCRIPTION: Soil Density/ Consistency or Rock Hardness	MATERIAL DESCRIPTION: Color	MATERIAL DESCRIPTION: Material Classification	USCS *	Remarks	PID/FID Reading (ppm): Sample	Sampler BZ	Borehole**	Driller BZ**
	S1						Brown fine Grain						
	S2						sand with Alot of						
	S3						Shell fragments ITS						
	S4												
	S5												

* When rock coring, enter rock brokeness.

** Include monitor reading in 6 foot intervals @ borehole. Increase reading frequency if elevated reponse read.

Drilling Area Background (ppm):

Remarks:

Converted to Well: Yes ✓ No _____ Well I.D. #: _____

BORING LOG

PROJECT NAME: NTC Orlando
PROJECT NUMBER: 0457
DRILLING COMPANY: Law Env. Inc.
DRILLING RIG: Mobile B-57
BORING NUMBER: MW-5 / OLD-OU2-24C
DATE: 6-18-96
GEOLOGIST: Tom Nielsen
DRILLER: Nick

Sample No. and Type or RQD	Depth (Ft.) or Run No.	Blows / 6" or RQD (%)	Sample Recovery / Sample Length	Lithology Change (Depth/Ft.) or Screened Interval	MATERIAL DESCRIPTION: Soil Density/ Consistency or Rock Hardness	MATERIAL DESCRIPTION: Color	MATERIAL DESCRIPTION: Material Classification	USCS *	Remarks	PID/FID Reading (ppm): Sample	Sampler BZ	Borehole**	Driller BZ**
		NA	NA				Yellow Fine Grained Sand						
	2						Light Sand						
	4						Yellow Fine Grained						
							Sand.						
	6												
	8												
	10								Water table @ 10 ft				
	12						Light Yellow Fine Grained Sand						
	2												
	14												
	16												
	18												
	20						Light Yellow Fine Grained Sand						

* When rock coring, enter rock brokeness.

** Include monitor reading in 6 foot intervals @ borehole. Increase reading frequency if elevated reponse read.

Drilling Area Background (ppm): 0.0

Remarks:

Converted to Well: Yes ✓ No _____ Well I.D. #: _____

BORING LOG

PROJECT NAME: NTC SAN DIEGO
PROJECT NUMBER: 4077
DRILLING COMPANY: GEOCONTACT INCORPORATED
DRILLING RIG: MOBILE B-53
BORING NUMBER: WELL # OLD-CU2-24C
DATE: 6-22-11
GEOLOGIST: TOM MCLEAN
DRILLER: W.L.

Sample No. and Type or RQD	Depth (Ft.) or Run No.	Blows / 6" or RQD (%)	Sample Recovery / Sample Length	Lithology Change (Depth/Ft.) or Screened Interval	MATERIAL DESCRIPTION: Soil Density/ Consistency or Rock Hardness	MATERIAL DESCRIPTION: Color	MATERIAL DESCRIPTION: Material Classification	USCS *	Remarks	PID/FID Reading (ppm): Sample	Sampler BZ	Borehole**	Driller BZ**
	S1	1/1	2"				CLAY (CH) (GREY)						
	S2	1/1	6"										
	S3	1/2	4"										
	S4	1/1	6"										
	S5	3/3	6"										
	S6	2/2	6"										
	S7	6/6	6"										
	S8	8/10	6"				SILTY SAND (SM) @ 52' BGS						
	S9	11/12	4"				SILTY FINE SAND (SM)						
	S10	50/5"	4"				SHELBY TUBE (54'-56')						
							GRAVEL						
	S11	8/12	6"										
	S12	12/12	6"										
	S13	11/12	6"										
	S14	11/12	6"				WELL SCREEN - SET @ 64'						

* When rock coring, enter rock brokeness.

** Include monitor reading in 6 foot intervals @ borehole. Increase reading frequency if elevated reponse read.

Drilling Area Background (ppm): 0/0

Remarks: WELL SET @ 64' BGS WITH 3' STICK-UP

Converted to Well: Yes ✓ No _____ Well I.D. #: _____

BORING LOG

PROJECT NAME: [illegible]
PROJECT NUMBER: 7457
DRILLING COMPANY: [illegible]
DRILLING RIG: [illegible] B-120

BORING NUMBER: Well # OLD 0112-24C
DATE: 6-18-98 & 6-23-98
GEOLOGIST: Tom [illegible]
DRILLER: [illegible]

Sample No. and Type or RQD	Depth (Ft.) or Run No.	Blows / 6" or RQD (%)	Sample Recovery / Sample Length	Lithology Change (Depth/Ft.) or Screened Interval	MATERIAL DESCRIPTION: Soil Density/ Consistency or Rock Hardness	Color	Material Classification	USCS *	Remarks	PID/FID Reading (ppm): Sample	Sampler BZ	Borehole**	Driller BZ**
	26	5 / 9	1 / 3				Fine Rise (Crushed) [illegible]						
	27	14 / 22	6 / 6										
	28	13 / 15	6 / 6				"						
	29	[illegible]	6 / 6										
	30	[illegible]	6 / 6				"						
	31	[illegible]	6 / 6										
	32	[illegible]	6 / 6				"						
	33	[illegible]	6 / 6										
	34	[illegible]	6 / 6				Hit clay layer @ 34'			0	[illegible]	[illegible]	[illegible]
	35	[illegible]	[illegible]				clay layer (gray)						
	36	[illegible]	[illegible]	[illegible]			Shelby Tube						
	37	[illegible]	[illegible]				"		Well casing set - 37' bls				
	38	[illegible]	[illegible]				started at [illegible]						
	39	[illegible]	[illegible]				[illegible]						
	40	[illegible]	[illegible]										
	[illegible]	[illegible]											
	[illegible]												
	[illegible]												
	[illegible]	[illegible]											
	[illegible]												
	[illegible]	[illegible]											
	[illegible]	[illegible]	[illegible]										
	[illegible]	[illegible]	[illegible]										
	49	[illegible]	[illegible]										
	50	[illegible]	[illegible]							0	[illegible]	[illegible]	[illegible]

* When rock coring, enter rock brokeness.

** Include monitor reading in 6 foot intervals @ borehole. Increase reading frequency if elevated reponse read.

Remarks: Took Shelby Tube @ 35'-37'; Set well # H-2 at 37' bls. in clay layer

Drilling Area Background (ppm): 0.0

Converted to Well: Yes ✓ No ______ Well I.D. #: ______

BORING LOG

PROJECT NAME: NTC Corado
PROJECT NUMBER: 7452
DRILLING COMPANY: [illegible]
DRILLING RIG: Bidrich D-120

BORING NUMBER: Well # OLD-042-25C
DATE: 6-[illegible]-98
GEOLOGIST: [illegible]
DRILLER: Nick

Sample No. and Type or RQD	Depth (Ft.) or Run No.	Blows / 6" or RQD (%)	Sample Recovery / Sample Length	Lithology Change (Depth/Ft.) or Screened Interval	MATERIAL DESCRIPTION: Soil Density/ Consistency or Rock Hardness	Color	Material Classification	USCS *	Remarks	PID/FID Reading (ppm): Sample	Sampler BZ	Borehole**	Driller BZ**
		NA	NA				Grey Yellow			[illegible]	[illegible]	[illegible]	[illegible]
	2						fine Gr/Brn Sand						
							Dark Brown						
	4						fine Gr/Brn Sand						
	6												
	8												
	10						[illegible] fine		Installed Well	[illegible]	[illegible]	[illegible]	[illegible]
							Brown Sand		10' SS			11	11
	12												
	14												
	16												
	18												
	20						Fine Sand						
							Brown						
	22												
	24												
	25		Y				Y			[illegible]	[illegible]	[illegible]	[illegible]

* When rock coring, enter rock brokeness.

** Include monitor reading in 5 foot intervals @ borehole. Increase reading frequency if elevated reponse read.

Remarks: _____

Drilling Area Background (ppm): [illegible]

Converted to Well: Yes ✓ No _____ Well I.D. #: _____

BORING LOG

PROJECT NAME: MTC Orlando
PROJECT NUMBER: 7450
DRILLING COMPANY: Groundwater Protection
DRILLING RIG: Diedrich D-120

BORING NUMBER: Well # OLD-042-20C
DATE: 6-19-98
GEOLOGIST: [illegible]
DRILLER: [illegible]

Sample No. and Type or RQD	Depth (Ft.) or Run No.	Blows / 6" or RQD (%)	Sample Recovery / Sample Length	Lithology Change (Depth/Ft.) or Screened Interval	MATERIAL DESCRIPTION: Soil Density/ Consistency or Rock Hardness	Color	Material Classification	USCS *	Remarks	PID/FID Reading (ppm): Sample	Sampler BZ	Borehole**	Driller BZ**
	26	NR	NA				Lt. Tan Fine						
	27						Grain Sand						
	28												
	[illegible]												
	[illegible]												
	[illegible]												
	[illegible]	[illegible]	[illegible]										
	33	[illegible]	[illegible]				Hit clay 33' bls			0	NE	NE	NE
	[illegible]	[illegible]	[illegible]				Shelby Tube 33'-35'						
	[illegible]	[illegible]	[illegible]				6"						
	[illegible]						[illegible]						
	[illegible]												
	[illegible]												
	[illegible]												
	[illegible]						Clay						
	[illegible]												
	[illegible]												
	[illegible]												
	[illegible]												
	[illegible]												
	46												
	[illegible]												
	[illegible]												
	[illegible]						collect Shelby Tube						
	[illegible]	NR	NR				Auger 45'-50' bls			0	NE	NE	NE

* When rock coring, enter rock brokeness.

** Include monitor reading in 6 foot intervals @ borehole. Increase reading frequency if elevated reponse read.

Drilling Area Background (ppm): 0 ppm

Remarks: [illegible] close [illegible]

[illegible]

Converted to Well: Yes ✓ No ______ Well I.D. #: ______

BORING LOG

PROJECT NAME: NTC Orlando
PROJECT NUMBER: 7457
DRILLING COMPANY: Groundwater Protection
DRILLING RIG: Diedrich D-120
BORING NUMBER: Well # OLD-042-250
DATE: 6-23-94
GEOLOGIST: Tom Nestor
DRILLER: Mick

Sample No. and Type or RQD	Depth (Ft.) or Run No.	Blows / 6" or RQD (%)	Sample Recovery / Sample Length	Lithology Change (Depth/Ft.) or Screened Interval	MATERIAL DESCRIPTION: Soil Density/ Consistency or Rock Hardness	Color	Material Classification	USCS *	Remarks	PID/FID Reading (ppm): Sample	Sampler BZ	Borehole**	Driller BZ**
	51'	4,7	2.4				C/SP						
	52												
	53						LT. Olive Fine Grain						
	54						Sand @ 53' BLS						
	55												
	56												
	57												
	58												
	59					LT. Greenish Olive Fine							
	60						Clayey Sand with						
	61						Shell fragments						
	62												
	63												
	64												
	65												
	66												
	67												
	68												
	69												
	70	V	V										
	71												
	72	17 30	6										
	73	NA	NA				Well set @ 72.5' BLS						

* When rock coring, enter rock brokeness.

** Include monitor reading in 6 foot intervals @ borehole. Increase reading frequency if elevated reponse read.

Drilling Area Background (ppm): 0 ppm

Remarks:

Converted to Well: Yes ✓ No _____ Well I.D. #: _____

BORING LOG

Page ___ of 3

PROJECT NAME: NTC Orlando
PROJECT NUMBER: 7457
DRILLING COMPANY: Groundwater Technology
DRILLING RIG: Mobile B-12
BORING NUMBER: SB = OU-002-216
DATE: 6-12-97
GEOLOGIST: [illegible]
DRILLER: [illegible]

Sample No. and Type or RQD	Depth (Ft.) or Run No.	Blows / 6" or RQD (%)	Sample Recovery / Sample Length	Lithology Change (Depth/Ft.) or Screened Interval	MATERIAL DESCRIPTION: Soil Density/ Consistency or Rock Hardness	MATERIAL DESCRIPTION: Color	MATERIAL DESCRIPTION: Material Classification	USCS *	Remarks	PID/FID Reading (ppm): Sample	Sampler BZ	Borehole**	Driller BZ**
							Clayey silt to fine		backfilled to				
	2						silty sand		upper				
							with silt lenses						
	4						of fine sand						
	6												
	8												
	10								backfilled to 10'				
							silty fine sand						
	12												
	14												
	24												
	25												

* When rock coring, enter rock brokeness.

** Include monitor reading in 6 foot intervals @ borehole. Increase reading frequency if elevated reponse read.

Drilling Area Background (ppm): 0.4

Remarks: _____

Converted to Well: Yes ✓ No _____ Well I.D. #: _____

BORING LOG

PROJECT NAME: NTC Expand
PROJECT NUMBER: 7457
DRILLING COMPANY: Groundwater Technology
DRILLING RIG: Mobile B-120
BORING NUMBER: MW-2 = OLD-042-366
DATE: 8-11-11 to 8-22-11
GEOLOGIST: Tim McCann
DRILLER: Pat

Sample No. and Type or RQD	Depth (Ft.) or Run No.	Blows / 6" or RQD (%)	Sample Recovery / Sample Length	Lithology Change (Depth/Ft.) or Screened Interval	MATERIAL DESCRIPTION: Soil Density/ Consistency or Rock Hardness	Color	Material Classification	USCS *	Remarks	PID/FID Reading (ppm): Sample	Sampler BZ	Borehole**	Driller BZ**
		5/5	6/6				LT TAN SAND CLAY						
		11/12	6/6				SAND						
		12/17	6/6										
		10/11	6/6										
		6/9	6/6										
		9/10	6/6										
		3/5	6/6										
		4/5	6/6				HIT CLAY LAYER						
	SS	NA	NA				37 ft bgs						
		NA	NA				SILTY TAN CLAY 35' to 35'						
	36	4/4	6/6				- SETTLED CUTTINGS						
	37	4/4	6/6				38 ft bgs						
	38	14/12	6/6				* SILTY CLAY LAYER						
	39	13/5	6/6										
	40	5/7	6/6				LT BROWN CLAY		STIFF				
	41	2/1	6/6										
	42	2/3	6/6										
	43	3/5	6/6										
	44	3/4	6/6										
	45	4/6	6/6				LT GRAY CLAY		VERY STIFF				
	46	3/4	6/6										
	47	4/6	6/6										
	48	5/8	6/6										
	49	4/5	6/6										
	50	3/5	6/6										

* When rock coring, enter rock brokeness.

** Include monitor reading in 6 foot intervals @ borehole. Increase reading frequency if elevated reponse read.

Drilling Area Background (ppm): 0 ppm

Remarks:

Converted to Well: Yes ___ No ___ Well I.D. #: ___

BORING LOG

PROJECT NAME: MTC Orland
PROJECT NUMBER: 7457
DRILLING COMPANY: Cascade Water Protection
DRILLING RIG: Diedrich D-120
BORING NUMBER: Well #
DATE: 6-23-94
GEOLOGIST: Tom Nielsen
DRILLER: Mick

Sample No. and Type or RQD	Depth (Ft.) or Run No.	Blows / 6" or RQD (%)	Sample Recovery / Sample Length	Lithology Change (Depth/Ft.) or Screened Interval	MATERIAL DESCRIPTION: Soil Density/ Consistency or Rock Hardness	Color	Material Classification	USCS *	Remarks	PID/FID Reading (ppm): Sample	Sampler BZ	Borehole**	Driller BZ**
	51	2/2	6"/6"				clay						
	52	2/2	6"/6"				5-3'						
	53	3/2	6"/6"				light brown fine grained sand						
	54	6/10	6"/6"										
	55	10/12	6"/6"										
	56	6/8	6"/6"										
	57	13/14	6"/										
	58	14/13	6"/										
	59	11/11	6"/6"				@ 60' brown/light gray sand with some fine gravels						
	60						Set well #11-4 @ 60'						

* When rock coring, enter rock brokeness.

** Include monitor reading in 6 foot intervals @ borehole. Increase reading frequency if elevated reponse read.

Remarks: sand pack to 57' bgs

Drilling Area Background (ppm): 0

Converted to Well: Yes ✓ No _____ Well I.D. #: _____

BORING LOG

PROJECT NAME: MTC Phase II
PROJECT NUMBER: 7417
DRILLING COMPANY: Environmental Protection
DRILLING RIG: Mobile
BORING NUMBER: B1
DATE: 12-22-92
GEOLOGIST: Emmett
DRILLER: Jim Hunt

Sample No. and Type or RQD	Depth (Ft.) or Run No.	Blows / 6" or RQD (%)	Sample Recovery / Sample Length	Lithology Change (Depth/Ft.) or Screened Interval	MATERIAL DESCRIPTION: Soil Density/ Consistency or Rock Hardness	MATERIAL DESCRIPTION: Color	MATERIAL DESCRIPTION: Material Classification	USCS *	Remarks	PID/FID Reading (ppm): Sample	PID/FID Reading (ppm): Sampler BZ	PID/FID Reading (ppm): Borehole**	PID/FID Reading (ppm): Driller BZ**
							Clay Yellow Fine Grain					0	0
	2						sand						
	4												
							Clay Yellow Fine Grain						
	6						sand						
							WATER TABLE @ 6'					0	0
	8												
	10												
	12												
	14												
	16												
	18												
	20												
	22												
	24												
	26												
	28												
	30												

* When rock coring, enter rock brokeness.

** Include monitor reading in 6 foot intervals @ borehole. Increase reading frequency if elevated reponse read.

Drilling Area Background (ppm): 0

Remarks:

Converted to Well: Yes ✓ No _____ Well I.D. #: _____

BORING LOG

PROJECT NAME: [illegible]
PROJECT NUMBER: [illegible]
DRILLING COMPANY: [illegible]
DRILLING RIG: [illegible]

BORING NUMBER: [illegible]
DATE: [illegible]
GEOLOGIST: [illegible]
DRILLER: [illegible]

Sample No. and Type or RQD	Depth (Ft.) or Run No.	Blows / 6" or RQD (%)	Sample Recovery / Sample Length	Lithology Change (Depth/Ft.) or Screened Interval	MATERIAL DESCRIPTION: Soil Density/ Consistency or Rock Hardness	MATERIAL DESCRIPTION: Color	MATERIAL DESCRIPTION: Material Classification	USCS *	Remarks	PID/FID Reading (ppm): Sample	PID/FID Reading (ppm): Sampler BZ	PID/FID Reading (ppm): Borehole**	PID/FID Reading (ppm): Driller BZ**
	26						LT TAN FINE GRAIN						
							SAND						

* When rock coring, enter rock brokeness.

** Include monitor reading in 6 foot intervals @ borehole. Increase reading frequency if elevated reponse read.

Drilling Area Background (ppm): [illegible]

Remarks: _____

Converted to Well: Yes ✓ No _____ Well I.D. #: _____

BORING LOG

Page 1 of 1

PROJECT NAME: NTC - ORLANDO
PROJECT NUMBER: 7457
DRILLING COMPANY: Groundwater Protection
DRILLING RIG: Mobile
BORING NUMBER: OW-1
DATE: 7/22/98
GEOLOGIST: Tom Nicholas
DRILLER: Jim Hintz

Sample No. and Type or RQD	Depth (Ft.) or Run No.	Blows / 6" or RQD (%)	Sample Recovery / Sample Length	Lithology Change (Depth/Ft.) or Screened Interval	MATERIAL DESCRIPTION: Soil Density/ Consistency or Rock Hardness	Color	Material Classification	USCS *	Remarks	PID/FID Reading (ppm): Sample	Sampler BZ	Borehole**	Driller BZ**
							sand, dark brown			ND	ND	ND	ND
	2						medium to coarse grained						
							poorly sorted						
	4						↓						
										ND	ND	ND	ND
	6						sand, light brown						
							medium grained, well						
	8						sorted, angular						
							to sub angular						
	10						↓			ND	ND	ND	ND
	12												
	14												
										ND	ND	ND	ND
	16												
	18												
	20						↓			ND	ND	ND	ND

* When rock coring, enter rock brokeness.

** Include monitor reading in 6 foot intervals @ borehole. Increase reading frequency if elevated reponse read.

Drilling Area Background (ppm): 0

Remarks:

Converted to Well: Yes ✓ No _____ Well I.D. #: _____

BORING LOG

PROJECT NAME: NTC Orlando
PROJECT NUMBER: 7457
DRILLING COMPANY: GPI
DRILLING RIG: Mobile
BORING NUMBER: GW-2
DATE: 7/22/98
GEOLOGIST: Tom Nicolaou
DRILLER: Jim Hintz

Sample No. and Type or RQD	Depth (Ft.) or Run No.	Blows / 6" or RQD (%)	Sample Recovery / Sample Length	Lithology Change (Depth/Ft.) or Screened Interval	MATERIAL DESCRIPTION: Soil Density/ Consistency or Rock Hardness	MATERIAL DESCRIPTION: Color	MATERIAL DESCRIPTION: Material Classification	USCS *	Remarks	PID/FID Reading (ppm): Sample	Sampler BZ	Borehole**	Driller BZ**
							Sand, dark gray						
	2						brown, medium to			ND	ND	ND	ND
							coarse grained						
	4						↓						
							sand, light brown			ND	ND	ND	ND
	6						medium grained,						
							well sorted, angular						
	8						↓						
	10									ND	ND	ND	
	12												
	14												
										ND	ND	ND	ND
	16												
							↓						
	18												
							sand, brown, med						
	20						grained, well sorted			ND	ND	ND	ND
							↓						

* When rock coring, enter rock brokeness.

** Include monitor reading in 6 foot intervals @ borehole. Increase reading frequency if elevated reponse read.

Drilling Area Background (ppm): 0

Remarks:

Converted to Well: Yes ✓ No ____ Well I.D. #: ____

BORING LOG

Page 1 of 1

PROJECT NAME: NTC Orlando
PROJECT NUMBER: 7457
DRILLING COMPANY: GPI
DRILLING RIG: Mobile

BORING NUMBER: GW-3
DATE: 7/22/98
GEOLOGIST: Tom Nicotera
DRILLER: Jim Hintz

Sample No. and Type or RQD	Depth (Ft.) or Run No.	Blows / 6" or RQD (%)	Sample Recovery / Sample Length	Lithology Change (Depth/Ft.) or Screened Interval	MATERIAL DESCRIPTION: Soil Density/ Consistency or Rock Hardness	Color	Material Classification	USCS*	Remarks	PID/FID Reading (ppm): Sample	Sampler BZ	Borehole**	Driller BZ**
							sand, dark grey						
	2						coarse grained, some			ND	ND	ND	ND
							pebbles poorly sorted						
	4						↓						
							sand, grey brown			ND	ND	ND	ND
	6						medium grained, well						
							sorted						
	8						↓						
	10									ND	ND	ND	ND
							↓						
	12						sand, brown, medium						
							grained, angular						
	14						to subangular						
							well sorted			ND	ND	ND	ND
	16						↓						
	18												
	20						↓			ND	ND	ND	ND

* When rock coring, enter rock brokeness.

** Include monitor reading in 6 foot intervals @ borehole. Increase reading frequency if elevated reponse read.

Drilling Area Background (ppm): 0

Remarks:

Converted to Well: Yes ✓ No _____ Well I.D. #: _____

BORING LOG

Page 1 of 1

PROJECT NAME: NTC Orlando
PROJECT NUMBER: 7405.7
DRILLING COMPANY: GPI
DRILLING RIG: Mobile

BORING NUMBER: OW-4
DATE: 7/27/98
GEOLOGIST: Tom Nicolson
DRILLER: Jim Hintz

Sample No. and Type or RQD	Depth (Ft.) or Run No.	Blows / 6" or RQD (%)	Sample Recovery / Sample Length	Lithology Change (Depth/Ft.) or Screened Interval	MATERIAL DESCRIPTION: Soil Density/ Consistency or Rock Hardness	MATERIAL DESCRIPTION: Color	MATERIAL DESCRIPTION: Material Classification	USCS *	Remarks	PID/FID Reading (ppm): Sample	Sampler BZ	Borehole**	Driller BZ**
							Sand, dark brown						
	2						medium to coarse			ND	ND	ND	ND
							grained, poorly sorted						
	4						↓						
										ND	ND	ND	ND
	6						Sand, brown, medium						
							grained, angular						
	8						to sub angular						
							well sorted						
	10						↓			ND	ND	ND	
	12												
	14												
										ND	ND	ND	ND
	16												
	18												
							↓						
	20									ND	ND	ND	ND

* When rock coring, enter rock brokeness.

** Include monitor reading in 6 foot intervals @ borehole. Increase reading frequency if elevated reponse read.

Drilling Area Background (ppm): 0

Remarks:

Converted to Well: Yes ✓ No _____ Well I.D. #: _____

BORING LOG

Page 1 of 1

PROJECT NAME: NTC Orlando
PROJECT NUMBER: 7457
DRILLING COMPANY: EPI
DRILLING RIG: Mobile
BORING NUMBER: BW-5
DATE: 7/23/98
GEOLOGIST: Tom Nicolson
DRILLER: Jim Hintz

Sample No. and Type or RQD	Depth (Ft.) or Run No.	Blows / 6" or RQD (%)	Sample Recovery / Sample Length	Lithology Change (Depth/Ft.) or Screened Interval	MATERIAL DESCRIPTION: Soil Density/ Consistency or Rock Hardness	MATERIAL DESCRIPTION: Color	MATERIAL DESCRIPTION: Material Classification	USCS *	Remarks	PID/FID Reading (ppm): Sample	Sampler BZ	Borehole**	Driller BZ**
							sand, gray, coarse grained, some pebbles ↓						
	2									ND	ND	ND	ND
	4						sand, gray brown, medium grained, poorly sorted ↓						
										ND	ND	ND	ND
	6												
							sand, light brown medium grained, angular to sub-angular, well sorted						
	8												
	10									ND	ND	ND	ND
	12												
	14												
										ND	ND	ND	ND
	16												
	18												
	20						↓			ND	ND	ND	ND

* When rock coring, enter rock brokeness.

** Include monitor reading in 6 foot intervals @ borehole. Increase reading frequency if elevated reponse read.

Drilling Area Background (ppm): 0

Remarks:

Converted to Well: Yes ✓ No _____ Well I.D. #: _____

BORING LOG

Page ___ of ___

PROJECT NAME: NTC Orlando
PROJECT NUMBER: 7457
DRILLING COMPANY: GPI
DRILLING RIG: Mobile
BORING NUMBER: OW-6
DATE: 7/23/98
GEOLOGIST: Tom Nicolera
DRILLER: Jim Hintz

Sample No. and Type or RQD	Depth (Ft.) or Run No.	Blows / 6" or RQD (%)	Sample Recovery / Sample Length	Lithology Change (Depth/Ft.) or Screened Interval	MATERIAL DESCRIPTION: Soil Density/ Consistency or Rock Hardness	MATERIAL DESCRIPTION: Color	MATERIAL DESCRIPTION: Material Classification	USCS *	Remarks	PID/FID Reading (ppm): Sample	Sampler BZ	Borehole**	Driller BZ**
							sand, dark brown						
	2						coarse to med grained			ND	ND	ND	ND
							poorly sorted						
	4						↓						
							sand, brown, med			ND	ND	ND	ND
	6						grained, angular						
							to sub angular,						
	8						well sorted						
							↓						
	10									ND	ND	ND	
	12												
	14												
							↓			ND	ND	ND	ND
	16						sand, light brown,						
							medium grained, angular						
	18						well sorted						
							↓						
	20									ND	ND	ND	ND

* When rock coring, enter rock brokeness.

** Include monitor reading in 6 foot intervals @ borehole. Increase reading frequency if elevated reponse read.

Drilling Area Background (ppm): 0

Remarks: _____

Converted to Well: Yes ✓ No ___ Well I.D. #: _____

BORING LOG

Page 1 of 1

PROJECT NAME: NTC Orlando
PROJECT NUMBER: 7457
DRILLING COMPANY: GPI
DRILLING RIG:

BORING NUMBER: OW-7
DATE: 7/23/95
GEOLOGIST: Tom Nicoletti
DRILLER: Jim Hintz

Sample No. and Type or RQD	Depth (Ft.) or Run No.	Blows / 6" or RQD (%)	Sample Recovery / Sample Length	Lithology Change (Depth/Ft.) or Screened Interval	MATERIAL DESCRIPTION: Soil Density/ Consistency or Rock Hardness	MATERIAL DESCRIPTION: Color	MATERIAL DESCRIPTION: Material Classification	USCS *	Remarks	PID/FID Reading (ppm): Sample	Sampler BZ	Borehole**	Driller BZ**
							sand, dark brown,						
	2						coarse grained, some			ND	ND	ND	ND
							pebbles, poorly sorted						
	4						↓						
							sand, brown, medium			ND	ND	ND	ND
	6						grained, angular						
							to sub angular, well						
	8						sorted						
							↓						
	10									ND	ND	ND	ND
	12												
	14												
							↓			ND	ND	ND	ND
	16						sand, light brown						
							medium grained, well						
	18						sorted.						
							↓						
	20									ND	ND	ND	ND

* When rock coring, enter rock brokeness.

** Include monitor reading in 6 foot intervals @ borehole. Increase reading frequency if elevated reponse read.

Drilling Area Background (ppm): 0

Remarks:

Converted to Well: Yes ✓ No ____ Well I.D. #: ____

BORING LOG

PROJECT NAME: NTC Orlando
PROJECT NUMBER: 7457
DRILLING COMPANY: GPI
DRILLING RIG: Mobile
BORING NUMBER: OW-8
DATE: 7/23/98
GEOLOGIST: Tom Nicholson
DRILLER: Jim Hintz

Sample No. and Type or RQD	Depth (Ft.) or Run No.	Blows / 6" or RQD (%)	Sample Recovery / Sample Length	Lithology Change (Depth/Ft.) or Screened Interval	MATERIAL DESCRIPTION: Soil Density/ Consistency or Rock Hardness	MATERIAL DESCRIPTION: Color	MATERIAL DESCRIPTION: Material Classification	USCS *	Remarks	PID/FID Reading (ppm): Sample	Sampler BZ	Borehole**	Driller BZ**
							sand, dark brown						
	2						coarse grained, some			ND	ND	ND	ND
							pebbles, poorly sorted						
	4						↓						
							sand, brown, medium			ND	ND	ND	ND
	6						grained, angular to						
							sub-angular, well						
	8						sorted						
	10									ND	ND	ND	
	12												
	14												
										ND	ND	ND	ND
	16												
	18												
	20						↓			ND	ND	ND	ND

* When rock coring, enter rock brokeness.

** Include monitor reading in 6 foot intervals @ borehole. Increase reading frequency if elevated reponse read.

Drilling Area Background (ppm): 0

Remarks:

Converted to Well: Yes ✓ No _____ Well I.D. #: _____

BORING LOG

PROJECT NAME: NTC Orlando
PROJECT NUMBER: # 7457
DRILLING COMPANY: Groundwater Protection Inc.
DRILLING RIG: Diedrich D-120
BORING NUMBER: OLD-OU2-27B
DATE: 06-Feb-01
GEOLOGIST: Skip Barton
DRILLER: Bill Hammond

Sample No. and Type or RQD	Depth (Ft.) or Run No.	Blows/ 6" or ROD (%)	Sample Recovery/ Sample Length	Time	Lithology Change (Depth/Ft.) or Screened Level	MATERIAL DESCRIPTION: Soil Density/ Consistency or Rock Hardness	MATERIAL DESCRIPTION: Color	MATERIAL DESCRIPTION: Material Classification	USCS *	Remarks	PID/FID Reading (ppm): Sample	PID/FID Reading (ppm): Sampler BZ	PID/FID Reading (ppm): Borehole**	PID/FID Reading (ppm): Driller BZ**
DPT 1			6/6				lt brn	silty, med.-grnd SAND		moist, no odor				
			6/6	1016			dk brn	silty, fine-grnd SAND		moist, no odor				
			6/6											
	4		6/3											
DPT 2	4		6/6											
			6/6	1018				becomes med-grnd, contains or-						
			6/6					ganic material						
	8		6/6					same, trace clay						
DPT 3	8		6/6											
			6/6	1022										
			6/6				brn	med-grnd SAND with blk mottles		v. moist, no odor				
	12		6/6											
DPT 4	12		6/6				brn	silty, med- to coarse-grnd SAND		saturated, HS odor				
			6/6	1030										
			6/6				brn	med-grnd SAND with blk mottles		moist				
	16		6/6				lt brn	med- to coarse-grnd SAND		saturated, degraded				
DPT 5	16		6/6							petro odor				
			6/6	1035										
			6/6											
	20		6/6											
DPT 6	20		6/6											
			6/6	1038										
			6/6				lt brn	med- to coarse-grnd CLAYEY		v. moist				
	24		6/6					SAND						
DPT 7	24		6/6											

* When rock coring, enter rock brokeness.
** Include monitor reading in 6 foot intervals @ borehole. Increase reading frequency if elevated response is read.

Remarks: PID/FID not available at time of drilling.

Drilling Area Background (ppm):

Converted to Well? (Yes) No

Well I.D. #: OLD-OU2-27B

BORING LOG

PROJECT NAME: NTC Orlando
PROJECT NUMBER: # 7457
DRILLING COMPANY: Groundwater Protection Inc.
DRILLING RIG: Diedrich D-120

BORING NUMBER: OLD-OU2-27B
DATE: 06-Feb-01
GEOLOGIST: Skip Barton
DRILLER: Bill Hammond

Sample No. and Type or RQD	Depth (Ft.) or Run No.	Blows/ 6" or ROD (%)	Sample Recovery/ Sample Length	Time	Lithology Change (Depth/Ft.) or Screened Level	MATERIAL DESCRIPTION: Soil Density/ Consistency or Rock Hardness	MATERIAL DESCRIPTION: Color	MATERIAL DESCRIPTION: Material Classification	USCS *	Remarks	PID/FID Reading (ppm): Sample	PID/FID Reading (ppm): Sampler BZ	PID/FID Reading (ppm): Borehole**	PID/FID Reading (ppm): Driller BZ**
			6/6	1044				same, less clay, some silt		wet, strong odor				
			6/6											
	28		6/6											
DPT 9	28		6/6	1018										
			6/6											
			6/6											
	32		6/6				dk brn	fine- to med-grnd SAND		soupy, strong odor				
								Boring Terminated @ 32 ft BGS						

* When rock coring, enter rock brokeness
** Include monitor reading in 6 foot intervals @ borehole. Increase reading frequency if elevated response is read.

Remarks: PID/FID not available at time of drilling.

Drilling Area Background (ppm):

Converted to Well? (Yes) No

Well I.D. #: OLD-OU2-27B

BORING LOG

PROJECT NAME: NTC Orlando
PROJECT NUMBER: # 7457
DRILLING COMPANY: Groundwater Protection Inc.
DRILLING RIG: Diedrich D-150
BORING NUMBER: OLD-OU2-28B
DATE: 09-Feb-01
GEOLOGIST: Skip Barton
DRILLER: Nick Smarrito

Sample No. and Type or RQD	Depth (Ft.) or Run No	Blows/ 6" or ROD (%)	Sample Rcovery/ Sample Length	Time	Lithology Change (Depth/Ft.) or Screened Level	MATERIAL DESCRIPTION: Soil Density/ Consistency or Rock Hardness	MATERIAL DESCRIPTION: Color	MATERIAL DESCRIPTION: Material Classification	USCS *	Remarks	PID/FID Reading (ppm): Sample	PID/FID Reading (ppm): Sampler BZ	PID/FID Reading (ppm): Borehole**	PID/FID Reading (ppm): Driller BZ**
CUTS	0			0856			lt brn	silty, med.-grnd SAND				0	0	0
							dk brn	silty, fine-grnd SAND				0	0	0
								encounter groundwater		saturated, light HS odor		0	0	0
								some clay						
	25													

* When rock coring, enter rock brokeness.
** Include monitor reading in 6 foot intervals @ borehole. Increase reading frequency if elevated response is read.

Remarks: Boring initially drilled on 2/7/01 but unable to set well, was redrilled on this date. Vapor readings taken with a PID.

Drilling Area Background (ppm): 0

Converted to Well? (Yes) No

Well I.D. #: OLD-OU2-28B

BORING LOG

PROJECT NAME: NTC Orlando
PROJECT NUMBER: # 7457
DRILLING COMPANY: Groundwater Protection Inc.
DRILLING RIG: Diedrich D-150
BORING NUMBER: OLD-OU2-28B
DATE: 09-Feb-01
GEOLOGIST: Skip Barton
DRILLER: Nick Smarrito

Sample No. and Type or RQD	Depth (Ft.) or Run No.	Blows/ 6" or ROD (%)	Sample Recovery/ Sample Length	Time	Lithology Change (Depth/Ft.) or Screened Level	MATERIAL DESCRIPTION: Soil Density/ Consistency or Rock Hardness	MATERIAL DESCRIPTION: Color	MATERIAL DESCRIPTION: Material Classification	USCS *	Remarks	PID/FID Reading (ppm): Sample	PID/FID Reading (ppm): Sampler BZ	PID/FID Reading (ppm): Borehole**	PID/FID Reading (ppm): Driller BZ**
CUTS								trace clay, silty						
↓	32			0907			dk brn	fine- to med-grnd SAND		soupy		0	0	0
								Boring Terminated @ 32 ft BGS						

* When rock coring, enter rock brokeness.
** Include monitor reading in 6 foot intervals @ borehole. Increase reading frequency if elevated response is read.

Remarks: Boring initially drilled on 2/7/01 but unable to set well, was redrilled on this date.
Vapor readings taken with a PID.

Drilling Area Background (ppm): 0

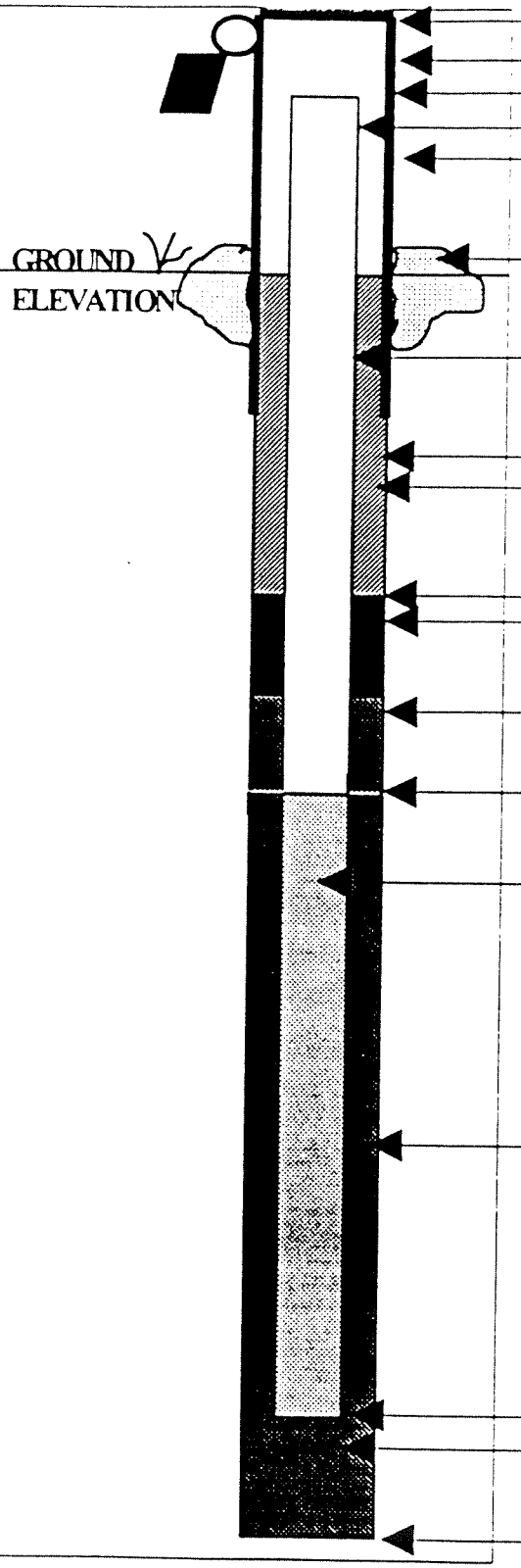
Converted to Well? (Yes) No

Well I.D. #: OLD-OU2-28B

BORING NO 01A

OVERBURDEN MONITORING WELL SHEET

PROJECT	NTC Orlando	LOCATION	McCoy Annex	DRILLER	GPI
PROJECT NO.	7451	BORING	CLD-002-01A	METHOD:	DPT
ELEVATION	N/A	DATE	6/1/98	DRILLING	HSA
FIELD GEOLOGIST	TN			DEVELOPMENT:	NA



ELEVATION OF TOP OF SURFACE CASING: N/A

ELEVATION OF TOP OF RISER PIPE: N/A

STICK -UP TOP OF SURFACE CASING: N/A

STICK-UP RISER PIPE: N/A

I.D. OF SURFACE CASING:

TYPE OF SURFACE CASING: Flush mounted 8" bolt down manhole cover.

TYPE OF SURFACE SEAL: Concrete pad

RISER PIPE I.D.: 2"

TYPE OF RISER PIPE: Sch 40 PVC

BOREHOLE DIAMETER: 10"

TYPE OF SEAL: Bentonite/cement grout

ELEVATION / DEPTH OF SEAL: 11.40

TYPE OS SEAL: 30/65 Silica sand

DEPTH TOP OF SAND PACK: 2.40

ELEVATION / DEPTH TOP OF SCREEN: 14.40

TYPE OF SCREEN: Sch 40 PVC

SLOT SIZE X LENGTH: 0.010 x 10'

I.D. OF SCREEN: 2"

TYPE OF SAND PACK: 20/30 Silica sand

ELEVATION / DEPTHBOTTOM OF SCREEN: 14.40

ELEVATION / DEPTH BOTTOM OF SAND PACK: 14.90

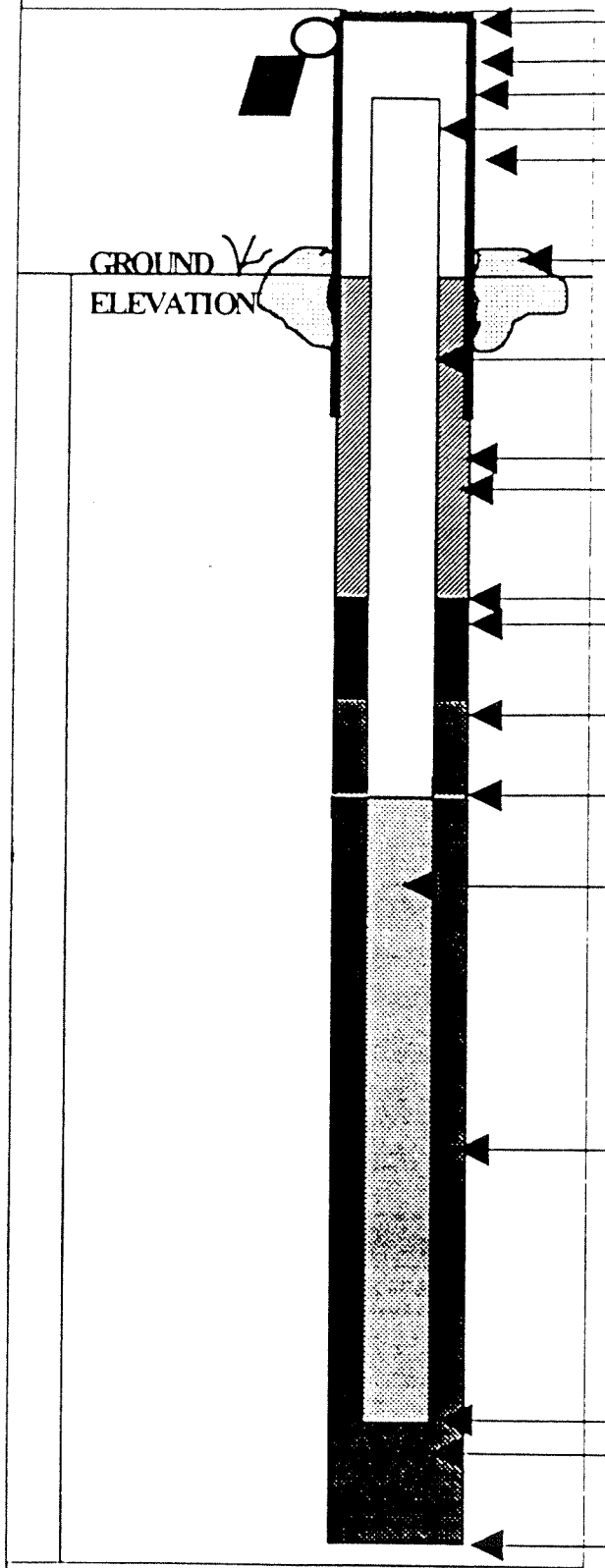
TYPE OF BACKFILL BELOW OBSERVATION WELL: Silica sand

ELEVATION / DEPTH OF HOLE: 14.90

BORING NO 01B

OVERBURDEN MONITORING WELL SHEET

PROJECT	NTC Orlando	LOCATION	McCoy Annex	DRILLER	GPI
PROJECT NO.	7457	BORING	OLD-042-01B	METHOD:	DPT
ELEVATION	N/A	DATE	6/1/95	DRILLING	HSA
FIELD GEOLOGIST	TN			DEVELOPMENT	NA



ELEVATION OF TOP OF SURFACE CASING: N/A

ELEVATION OF TOP OF RISER PIPE: N/A

STICK-UP TOP OF SURFACE CASING: N/A

STICK-UP RISER PIPE: N/A

I.D. OF SURFACE CASING: N/A

TYPE OF SURFACE CASING: Flush mounted 8" bolt down manhole cover

TYPE OF SURFACE SEAL: 2'x2'x6" concrete pad

RISER PIPE I.D.: 2"

TYPE OF RISER PIPE: Sch. 40 PVC

BOREHOLE DIAMETER: 10"

TYPE OF SEAL: Bentonite/cement grout slurry

ELEVATION / DEPTH OF SEAL: 118.85

TYPE OS SEAL: 2'8) 20/40 fine silica sand and 1'8) 1/2" bentonite pellets

DEPTH TOP OF SAND PACK: 21.85

ELEVATION / DEPTH TOP OF SCREEN: 123.85

TYPE OF SCREEN: Sch. 40 PVC

SLOT SIZE X LENGTH: 0.01 x 5'

I.D. OF SCREEN: 2"

TYPE OF SAND PACK: 20/30 Silica Sand

ELEVATION / DEPTHBOTTOM OF SCREEN: 128.85

ELEVATION / DEPTH BOTTOM OF SAND PACK: 129.45

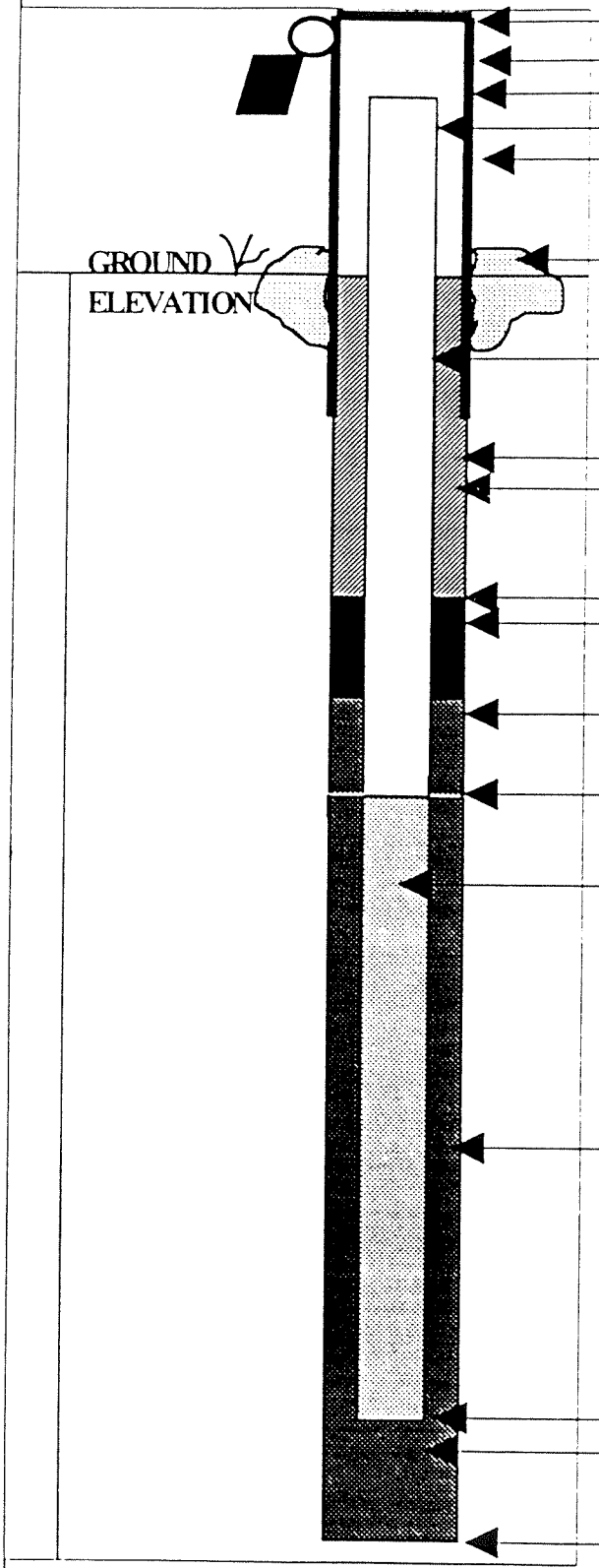
TYPE OF BACKFILL BELOW OBSERVATION WELL: Silica Sand

ELEVATION / DEPTH OF HOLE: 129.45

BORING NO 2A

OVERBURDEN MONITORING WELL SHEET

PROJECT	NTC Orlando	LOCATION	Orlando	DRILLER	GPI
PROJECT NO.	7165.1	BORING	OLD-042-02A	METHOD	DPT
ELEVATION	N/A	DATE	6/1/98	DRILLING	HSA
FIELD GEOLOGIST	Barry Burgess			DEVELOPMENT	NA

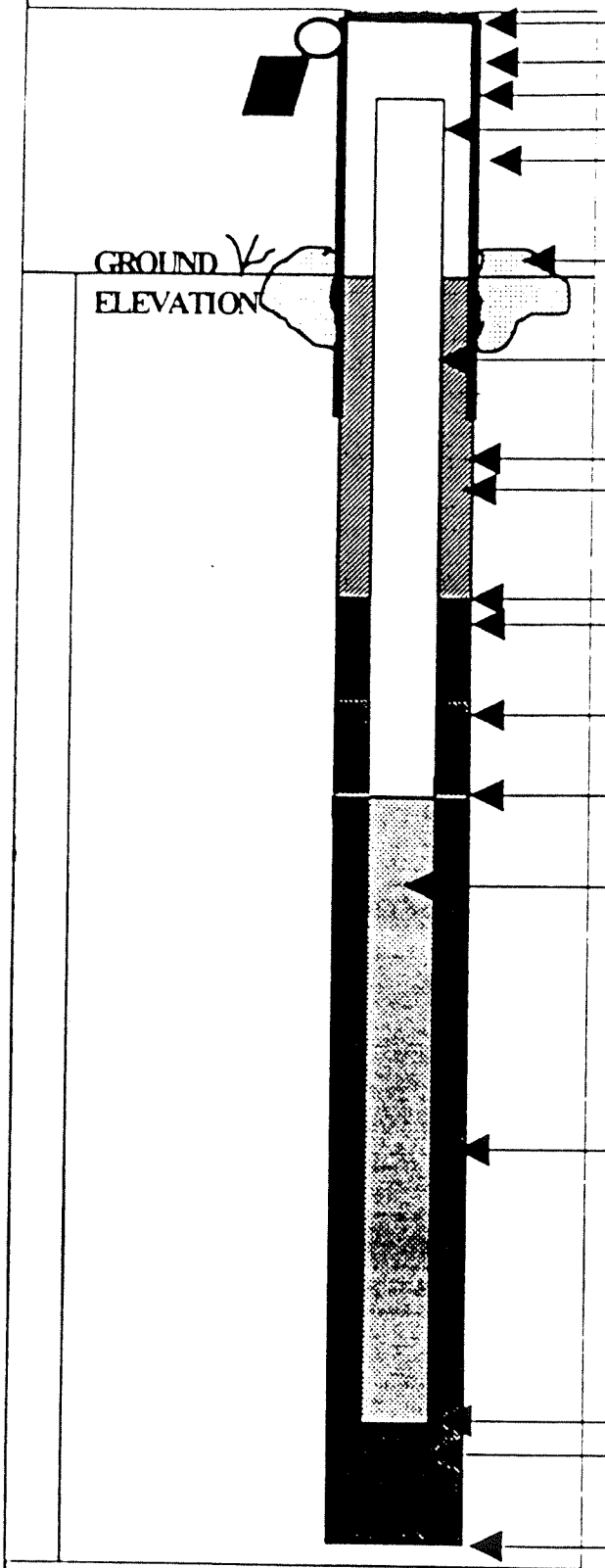


- ELEVATION OF TOP OF SURFACE CASING: N/A
- ELEVATION OF TOP OF RISER PIPE: N/A
- STICK-UP TOP OF SURFACE CASING: 3.0
- STICK-UP RISER PIPE: 2.5
- I.D. OF SURFACE CASING: 4"
- TYPE OF SURFACE CASING: Steel
- TYPE OF SURFACE SEAL: concrete pad
- RISER PIPE I.D.: 2"
- TYPE OF RISER PIPE: Sch 40 PVC
- BOREHOLE DIAMETER: 10"
- TYPE OF SEAL: Bentonite/cement grout
- ELEVATION / DEPTH OF SEAL: 13.35
- TYPE OS SEAL: 30/65 fine silica sand
- DEPTH TOP OF SAND PACK: 5.35
- ELEVATION / DEPTH TOP OF SCREEN: 17.35
- TYPE OF SCREEN: Sch. 40 PVC.
- SLOT SIZE X LENGTH: 0.010 x 10'
- I.D. OF SCREEN: 2"
- TYPE OF SAND PACK: 20/30 Silica Sand
- ELEVATION / DEPTHBOTTOM OF SCREEN: 17.35
- ELEVATION / DEPTH BOTTOM OF SAND PACK: 17.83
- TYPE OF BACKFILL BELOW OBSERVATION WELL:
- ELEVATION / DEPTH OF HOLE: 17.85

BORING NO 2D

OVERBURDEN MONITORING WELL SHEET

PROJECT	NTC Orlando	LOCATION	McCoy Annex	DRILLER	GFI
PROJECT NO.	7457	BORING	OLD-OU2-02B	METHOD	DPT
ELEVATION	N/A	DATE	6/11/98	DRILLING	HSA
FIELD GEOLOGIST	GB			DEVELOPMENT	NA



ELEVATION OF TOP OF SURFACE CASING: N/A

ELEVATION OF TOP OF RISER PIPE: N/A

STICK -UP TOP OF SURFACE CASING: 3.6'

STICK-UP RISER PIPE: 3.6

I.D. OF SURFACE CASING: 4"

TYPE OF SURFACE CASING: steel

TYPE OF SURFACE SEAL: concrete grout

RISER PIPE I.D.: 2"

TYPE OF RISER PIPE: Sch 40 PVC

BOREHOLE DIAMETER: 10"

TYPE OF SEAL: bentonite / cement grout slurry

ELEVATION / DEPTH OF SEAL: 122.10

TYPE OS SEAL: 2' - 30/65 fine silica sand
1' - bentonite pellets

DEPTH TOP OF SAND PACK: 25.10

ELEVATION / DEPTH TOP OF SCREEN: 127.10

TYPE OF SCREEN: Sch 40 PVC

SLOT SIZE X LENGTH: 0.01 x 5'

I.D. OF SCREEN: 2"

TYPE OF SAND PACK: 20/30 silica sand

ELEVATION / DEPTHBOTTOM OF SCREEN: 132.10

ELEVATION / DEPTH BOTTOM OF SAND PACK: 132.60

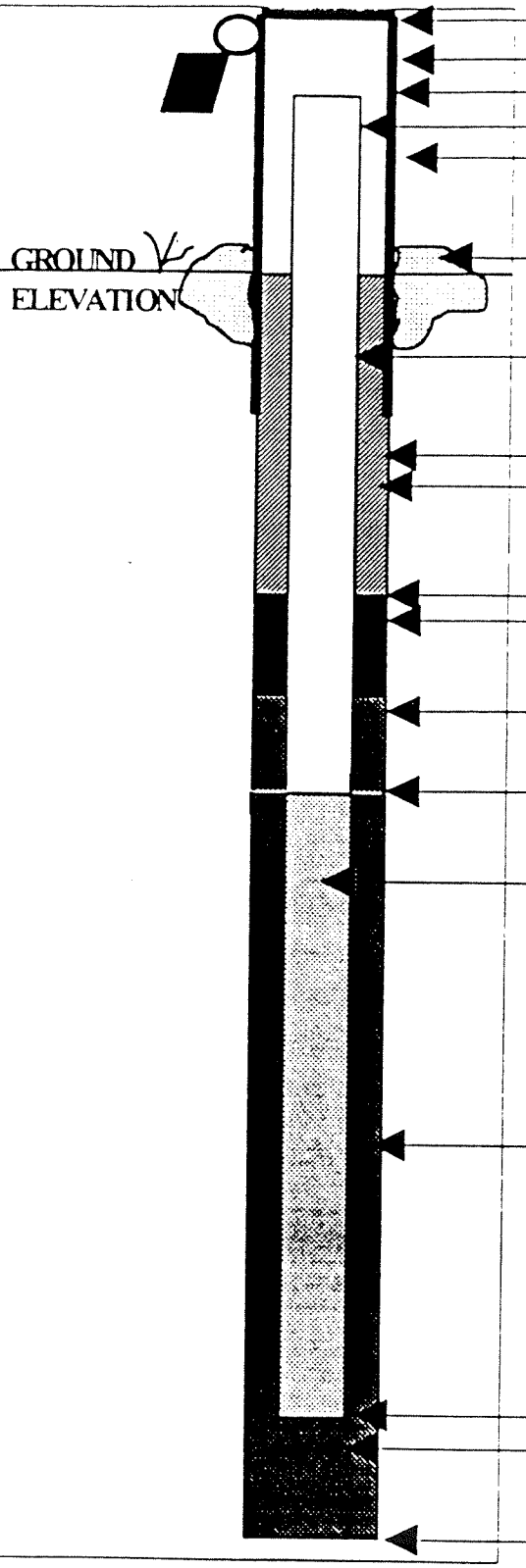
TYPE OF BACKFILL BELOW OBSERVATION WELL: Silica sand

ELEVATION / DEPTH OF HOLE: 132.60

BORING NO 03A

OVERBURDEN MONITORING WELL SHEET

PROJECT	NTC Orlando	LOCATION	McCoy Annex	DRILLER	GPI
PROJECT NO.	7257	BORING	040-042-03A	METHOD:	DPT
ELEVATION	N/A	DATE	6/2/98	DRILLING	HSA
FIELD GEOLOGIST	EB			DEVELOPMENT:	NA



ELEVATION OF TOP OF SURFACE CASING: N/A

ELEVATION OF TOP OF RISER PIPE: N/A

STICK -UP TOP OF SURFACE CASING: 3.00

STICK-UP RISER PIPE: 2.52

I.D. OF SURFACE CASING: 4"

TYPE OF SURFACE CASING: Steel

TYPE OF SURFACE SEAL: concrete pad

RISER PIPE I.D.: 2"

TYPE OF RISER PIPE: Sch 40 PVC

BOREHOLE DIAMETER: 12"

TYPE OF SEAL: Bentonite / cement grout

ELEVATION / DEPTH OF SEAL: 13.48

TYPE OS SEAL: 30/65 Fine Silica sand

DEPTH TOP OF SAND PACK: 5.48.

ELEVATION / DEPTH TOP OF SCREEN: 17.48

TYPE OF SCREEN: Sch. 40 PVC.

SLOT SIZE X LENGTH: 0.01 X 10'

I.D. OF SCREEN: 2"

TYPE OF SAND PACK: 20/30 Silica Sand

ELEVATION / DEPTHBOTTOM OF SCREEN: 117.48

ELEVATION / DEPTH BOTTOM OF SAND PACK: 117.98

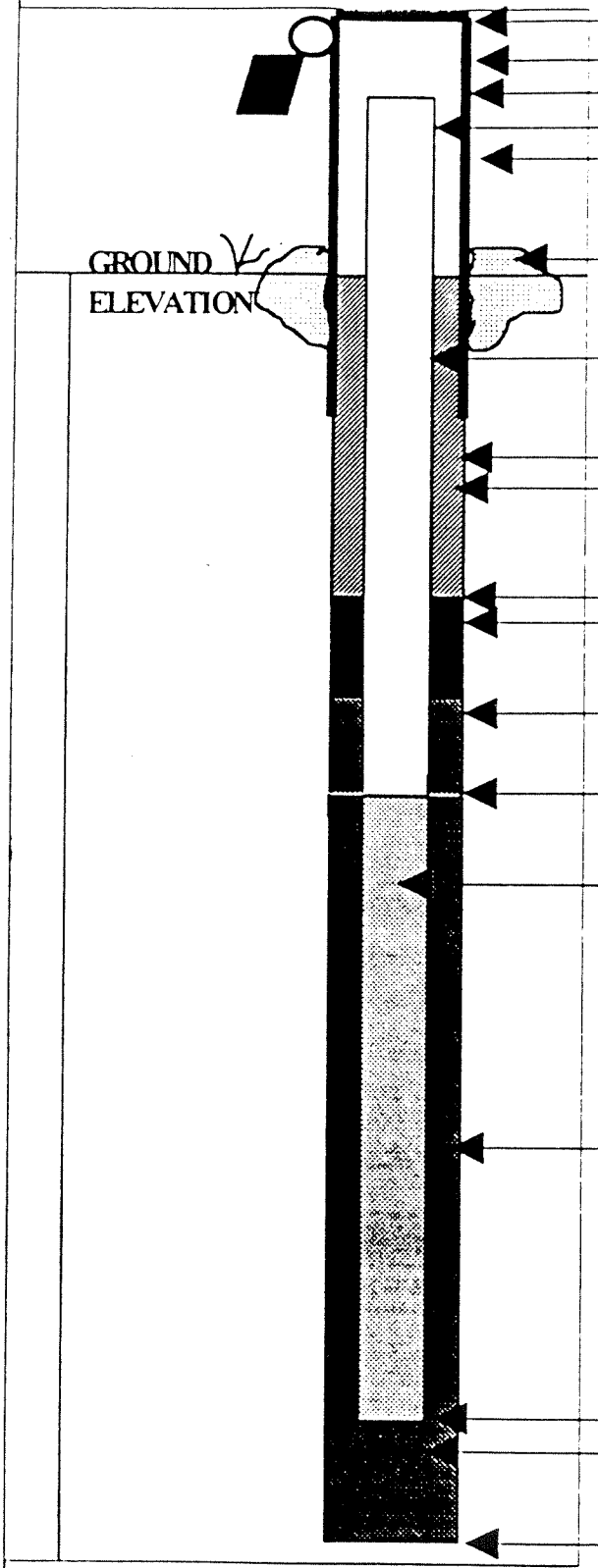
TYPE OF BACKFILL BELOW OBSERVATION WELL: Silica Sand.

ELEVATION / DEPTH OF HOLE: 117.98

BORING NO CB

OVERBURDEN MONITORING WELL SHEET

PROJECT	NJC Oil Co	LOCATION	McCoy Annex	DRILLER	GPI
PROJECT NO.	7457	BORING	SLO-042-CB	METHOD:	DPT
ELEVATION	N/A	DATE	6/2/98	DRILLING	HSA
FIELD GEOLOGIST	KB			DEVELOPMENT:	NA



ELEVATION OF TOP OF SURFACE CASING: N/A

ELEVATION OF TOP OF RISER PIPE: N/A

STICK-UP TOP OF SURFACE CASING: 3.0

STICK-UP RISER PIPE: 2.43

I.D. OF SURFACE CASING: 4"

TYPE OF SURFACE CASING: steel

TYPE OF SURFACE SEAL: concrete pad

RISER PIPE I.D.: 2"

TYPE OF RISER PIPE: Sch 40 PVC

BOREHOLE DIAMETER: 10"

TYPE OF SEAL: Bentonite / cement grout slurry

ELEVATION / DEPTH OF SEAL: 52.40

TYPE OS SEAL: #2 30/65 fine silica sand and bentonite pellets

DEPTH TOP OF SAND PACK: 25.40

ELEVATION / DEPTH TOP OF SCREEN: 127.40

TYPE OF SCREEN: Sch 40 PVC

SLOT SIZE X LENGTH: 0.01 x 5'

I.D. OF SCREEN: 2"

TYPE OF SAND PACK: 20/30 silica sand

ELEVATION / DEPTHBOTTOM OF SCREEN: 132.40

ELEVATION / DEPTH BOTTOM OF SAND PACK: 132.90

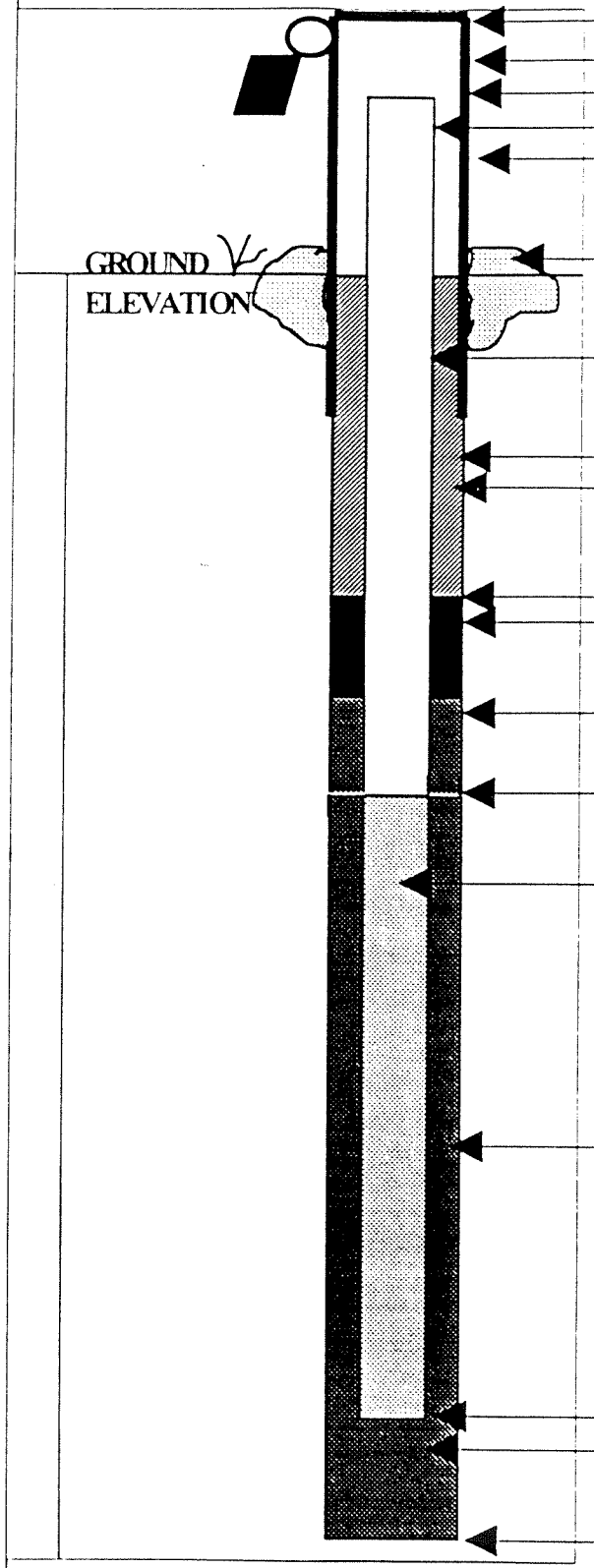
TYPE OF BACKFILL BELOW OBSERVATION WELL:

ELEVATION / DEPTH OF HOLE: 132.90

BORING NO 04A

OVERBURDEN MONITORING WELL SHEET

PROJECT	NTC Orlando	LOCATION	McCoy Annex	DRILLER	GPI
PROJECT NO.	7457	BORING	OLD-042-04A	METHOD	DPT
ELEVATION	N/A	DATE	6/3/98	DRILLING	HSA
FIELD GEOLOGIST				DEVELOPMENT	NA

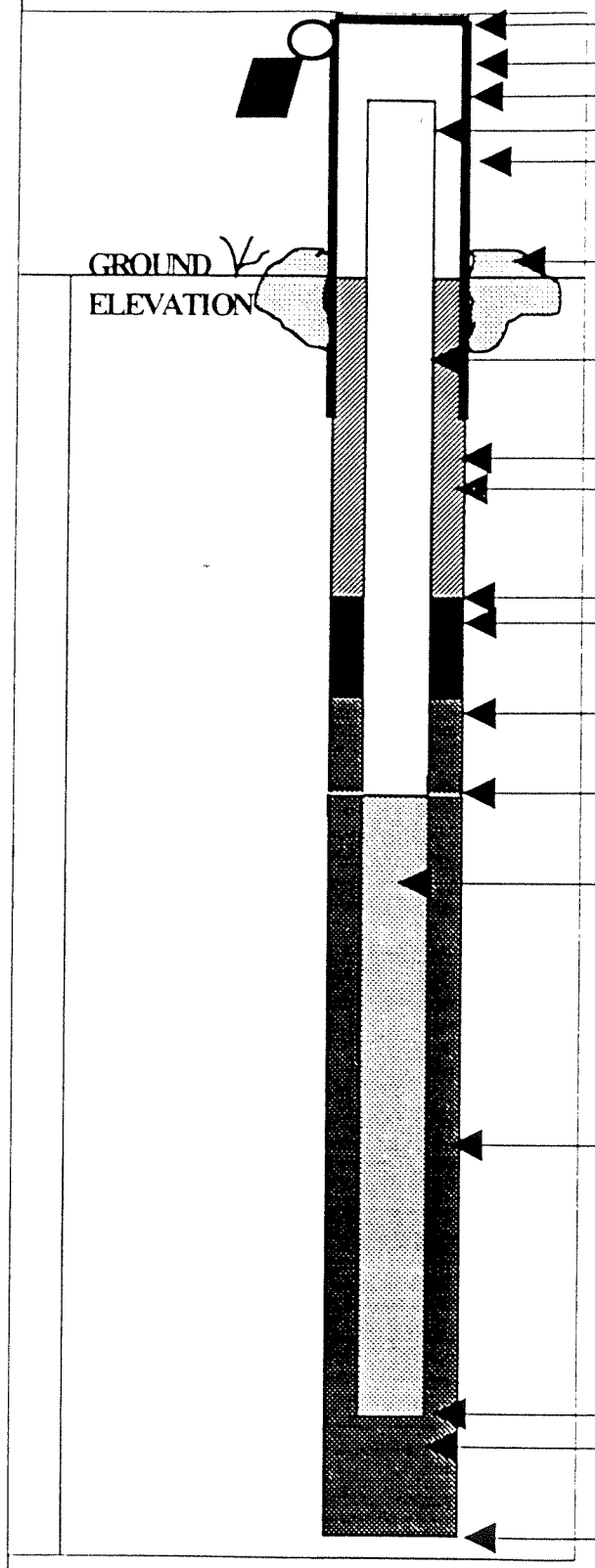


ELEVATION OF TOP OF SURFACE CASING:	N/A
ELEVATION OF TOP OF RISER PIPE:	N/A
STICK -UP TOP OF SURFACE CASING:	≈ 3.0
STICK-UP RISER PIPE:	≈ 2.5
I.D. OF SURFACE CASING:	4"
TYPE OF SURFACE CASING:	Steel
TYPE OF SURFACE SEAL:	concrete pad
RISER PIPE I.D.:	
TYPE OF RISER PIPE:	Sch. 40 PVC
BOREHOLE DIAMETER:	10"
TYPE OF SEAL:	Bentonite grout slurry
ELEVATION / DEPTH OF SEAL:	13.51
TYPE OS SEAL:	30/65 fine silica sand
DEPTH TOP OF SAND PACK:	5.51
ELEVATION / DEPTH TOP OF SCREEN:	17.51
TYPE OF SCREEN:	Sch. 40 PVC
SLOT SIZE X LENGTH:	0.010 X 10'
I.D. OF SCREEN:	2"
TYPE OF SAND PACK:	20/30 silica sand
ELEVATION / DEPTHBOTTOM OF SCREEN:	17.51
ELEVATION / DEPTH BOTTOM OF SAND PACK:	18.01
TYPE OF BACKFILL BELOW OBSERVATION WELL:	Silica Sand
ELEVATION / DEPTH OF HOLE:	18.01

BORING NO 04B

OVERBURDEN MONITORING WELL SHEET

PROJECT	NTC Orlando	LOCATION	McCoy Annex	DRILLER	GTI
PROJECT NO.	1457	BORING	04-2M-04B	METHOD	DPT
ELEVATION	N/A	DATE	6/3/98	DRILLING	HSA
FIELD GEOLOGIST	GB			DEVELOPMENT	NA



ELEVATION OF TOP OF SURFACE CASING: N/A

ELEVATION OF TOP OF RISER PIPE: N/A

STICK-UP TOP OF SURFACE CASING: 3.0

STICK-UP RISER PIPE: 2.5 Ft

I.D. OF SURFACE CASING: 4"

TYPE OF SURFACE CASING: Steel

TYPE OF SURFACE SEAL: Concrete pad

RISER PIPE I.D.: 2"

TYPE OF RISER PIPE: Sch. 40 PVC

BOREHOLE DIAMETER: 10"

TYPE OF SEAL: bentonite / cement slurry grout

ELEVATION / DEPTH OF SEAL: 122.37

TYPE OS SEAL: 2' 30/65 fine silica sand
1' bentonite pellets

DEPTH TOP OF SAND PACK: 25.37

ELEVATION / DEPTH TOP OF SCREEN: 127.37

TYPE OF SCREEN: Sch 40 PVC

SLOT SIZE X LENGTH: 0.010 X 5'

I.D. OF SCREEN: 2"

TYPE OF SAND PACK: 20/30 Silica Sand

ELEVATION / DEPTHBOTTOM OF SCREEN: 132.37

ELEVATION / DEPTH BOTTOM OF SAND PACK: 132.87

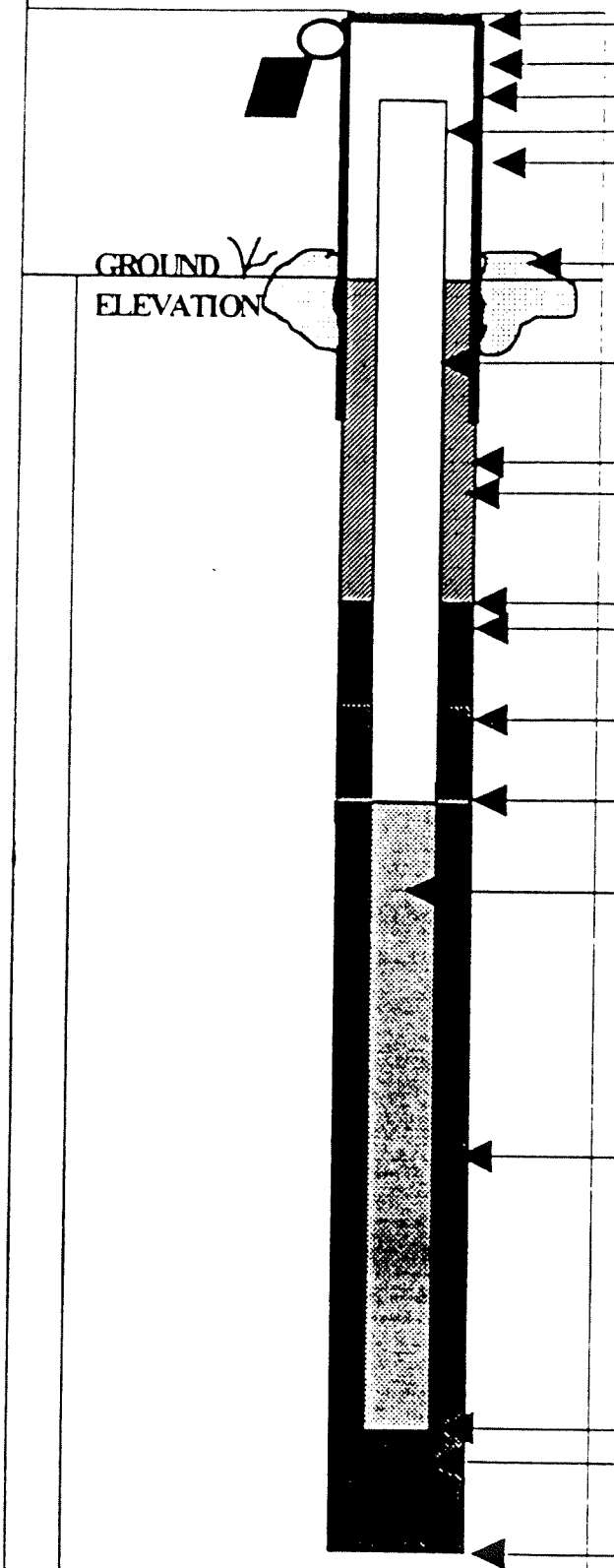
TYPE OF BACKFILL BELOW OBSERVATION WELL: Silica Sand

ELEVATION / DEPTH OF HOLE: 132.87

BORING NO CS 6

OVERBURDEN MONITORING WELL SHEET

PROJECT	LTC Orlando	LOCATION	McCoy Annex	DRILLER	GPI
PROJECT NO.	7145T	BORING	OLD-OW3-05B	METHOD:	DPT
ELEVATION	N/A	DATE	6/4/98	DRILLING	HSA
FIELD GEOLOGIST	TN			DEVELOPMENT:	NA



ELEVATION OF TOP OF SURFACE CASING: N/A

ELEVATION OF TOP OF RISER PIPE: N/A

STICK -UP TOP OF SURFACE CASING: 3.0

STICK-UP RISER PIPE: 2.42

I.D. OF SURFACE CASING: 4"

TYPE OF SURFACE CASING: steel

TYPE OF SURFACE SEAL: concrete pad

RISER PIPE I.D.: 2"

TYPE OF RISER PIPE: Sch 40 PVC

BOREHOLE DIAMETER: 10"

TYPE OF SEAL: bentonite/cement grout slurry

ELEVATION / DEPTH OF SEAL: 135.70

TYPE OS SEAL: 2' of 30/65 fine silica sand w/ bentonite pellets.

DEPTH TOP OF SAND PACK: 38.70

ELEVATION / DEPTH TOP OF SCREEN: 140.70

TYPE OF SCREEN: Sch 40 PVC

SLOT SIZE X LENGTH: 0.01 x 5'

I.D. OF SCREEN: 2"

TYPE OF SAND PACK: 20/30 silica sand

ELEVATION / DEPTHBOTTOM OF SCREEN: 145.70

ELEVATION / DEPTH BOTTOM OF SAND PACK: 146.20

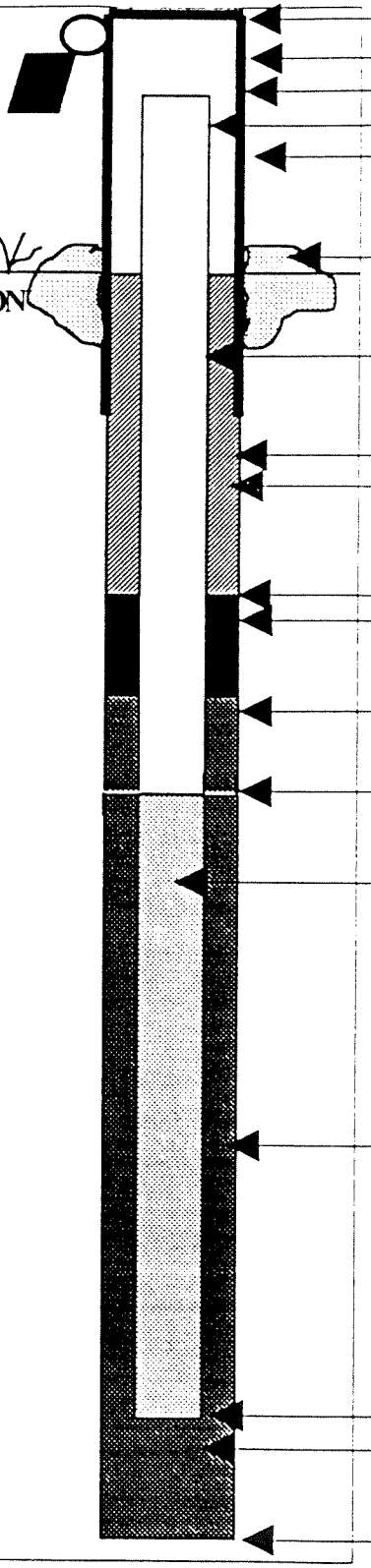
TYPE OF BACKFILL BELOW OBSERVATION WELL: silica Sand

ELEVATION / DEPTH OF HOLE: 146.20

BORING NO 05A

OVERBURDEN MONITORING WELL SHEET

PROJECT	NTC Orlando	LOCATION:	McCoy Annex	DRILLER	GPI
PROJECT NO.	7457	BORING	OLD-002-05A	METHOD:	DPT
ELEVATION	N/A	DATE	6/3/98	DRILLING	HSA
FIELD GEOLOGIST	TN			DEVELOPMENT:	NA

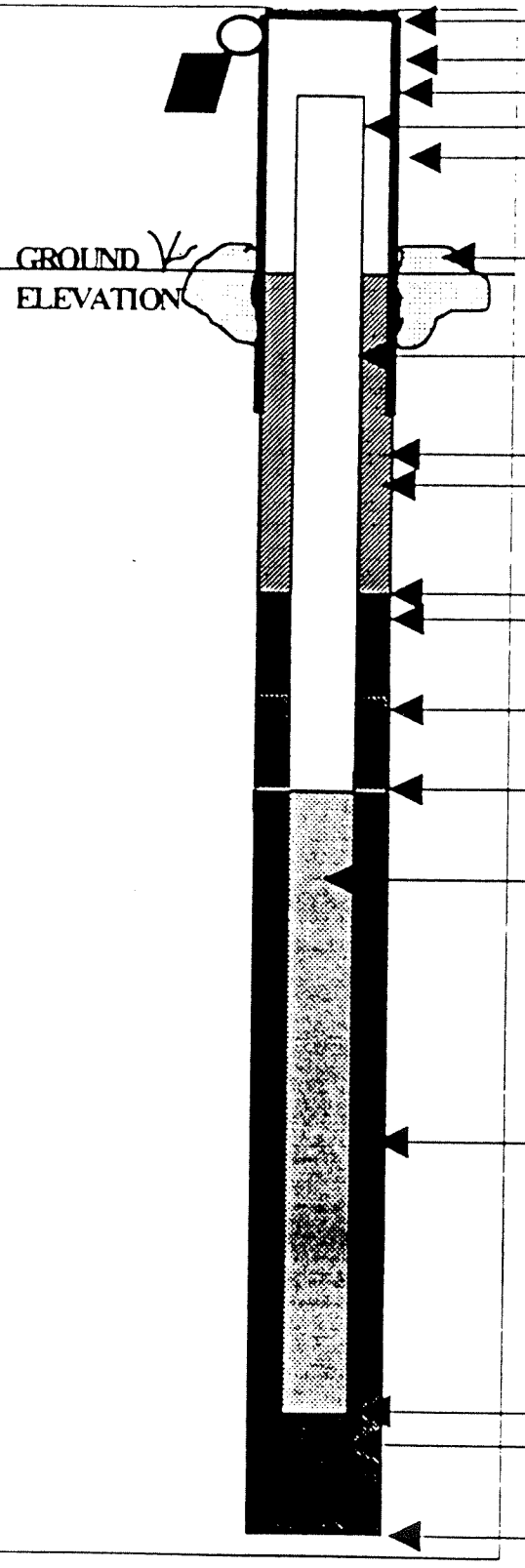


ELEVATION OF TOP OF SURFACE CASING	N/A
ELEVATION OF TOP OF RISER PIPE:	N/A
STICK-UP TOP OF SURFACE CASING:	3.0 ft
STICK-UP RISER PIPE:	2.5 ft
I.D. OF SURFACE CASING:	4"
TYPE OF SURFACE CASING:	steel
TYPE OF SURFACE SEAL:	concrete pad
RISER PIPE I.D.:	2"
TYPE OF RISER PIPE:	Sch. 40 PVC
BOREHOLE DIAMETER:	10"
TYPE OF SEAL:	bentonite / grout slurry
ELEVATION / DEPTH OF SEAL:	13.78
TYPE OS SEAL:	30/65 fine silica sand
DEPTH TOP OF SAND PACK:	5.78
ELEVATION / DEPTH TOP OF SCREEN:	7.78
TYPE OF SCREEN:	2in 40 PVC.
SLOT SIZE X LENGTH:	0.010 x 10'
I.D. OF SCREEN:	2"
TYPE OF SAND PACK:	silica sand 20/30 grade
ELEVATION / DEPTHBOTTOM OF SCREEN:	17.78
ELEVATION / DEPTH BOTTOM OF SAND PACK:	18.28
TYPE OF BACKFILL BELOW OBSERVATION WELL:	silica sand
ELEVATION / DEPTH OF HOLE:	18.28

BORING NO CL-A1

OVERBURDEN MONITORING WELL SHEET

PROJECT	NTC Orlando	LOCATION	McCoy Annex	DRILLER	GPI
PROJECT NO	7457	BORING	OLD-OU2-06A	METHOD	DPT
ELEVATION	N/A	DATE	6/4/98	DRILLING	HSA
FIELD GEOLOGIST	SB			DEVELOPMENT	NA

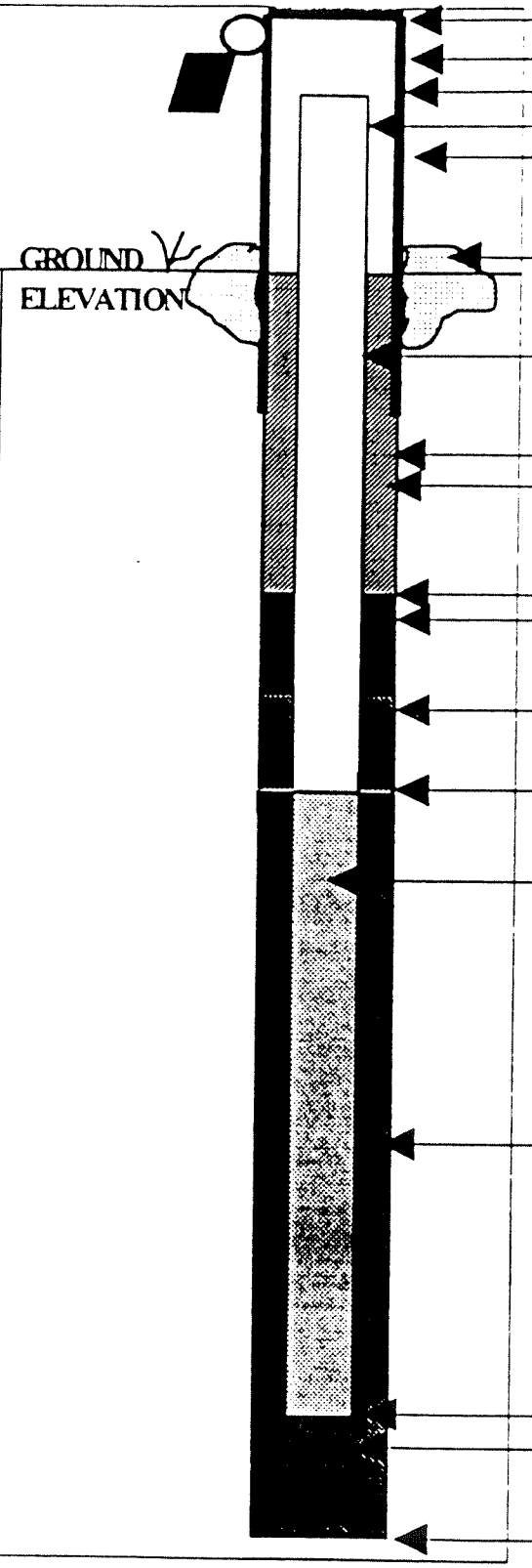


ELEVATION OF TOP OF SURFACE CASING	N/A
ELEVATION OF TOP OF RISER PIPE:	N/A
STICK -UP TOP OF SURFACE CASING:	3' ea.
STICK-UP RISER PIPE:	2.50
I.D. OF SURFACE CASING:	4"
TYPE OF SURFACE CASING:	steel
TYPE OF SURFACE SEAL:	concrete pad
RISER PIPE I.D.:	2"
TYPE OF RISER PIPE:	Sch 40 PVC.
BOREHOLE DIAMETER:	10"
TYPE OF SEAL:	Bentonite/cement grout slurry
ELEVATION / DEPTH OF SEAL:	13.40
TYPE OS SEAL:	30/65 Silica Sand
DEPTH TOP OF SAND PACK:	5.40
ELEVATION / DEPTH TOP OF SCREEN:	17.40
TYPE OF SCREEN:	Sch 40 PVC.
SLOT SIZE X LENGTH:	0.010 x 10'
I.D. OF SCREEN:	2"
TYPE OF SAND PACK:	20/30 Silica Sand
ELEVATION / DEPTHBOTTOM OF SCREEN:	17.40
ELEVATION / DEPTH BOTTOM OF SAND PACK:	17.90
TYPE OF BACKFILL BELOW OBSERVATION WELL:	Silica Sand
ELEVATION / DEPTH OF HOLE:	17.90

BORING NO 6D

OVERBURDEN MONITORING WELL SHEET

PROJECT	NTC Orlando	LOCATION	McCoy Annex	DRILLER	GPI
PROJECT NO.	7457	BORING	OLD-042-066	METHOD:	DPT
ELEVATION	N/A	DATE	6/4/98	DRILLING	HSA
FIELD GEOLOGIST	GB			DEVELOPMENT	NA



ELEVATION OF TOP OF SURFACE CASING: N/A

ELEVATION OF TOP OF RISER PIPE: N/A

STICK -UP TOP OF SURFACE CASING: 3.0

STICK-UP RISER PIPE: 2.5

I.D. OF SURFACE CASING: 4"

TYPE OF SURFACE CASING: steel

TYPE OF SURFACE SEAL: concrete pad

RISER PIPE I.D.: 2"

TYPE OF RISER PIPE: Sch 40 PVC

BOREHOLE DIAMETER: 10"

TYPE OF SEAL: bentonite / grout slurry

ELEVATION / DEPTH OF SEAL: 131.28

TYPE OS SEAL: 2' - 30/65 fine silica sand, 1' - bentonite pellets

DEPTH TOP OF SAND PACK: 34.28

ELEVATION / DEPTH TOP OF SCREEN: 136.28

TYPE OF SCREEN: Sch 40 PVC

SLOT SIZE X LENGTH: 0.01 X 5'

I.D. OF SCREEN: 2"

TYPE OF SAND PACK: 20/30 silica sand

ELEVATION / DEPTHBOTTOM OF SCREEN: 141.28

ELEVATION / DEPTH BOTTOM OF SAND PACK: 141.78

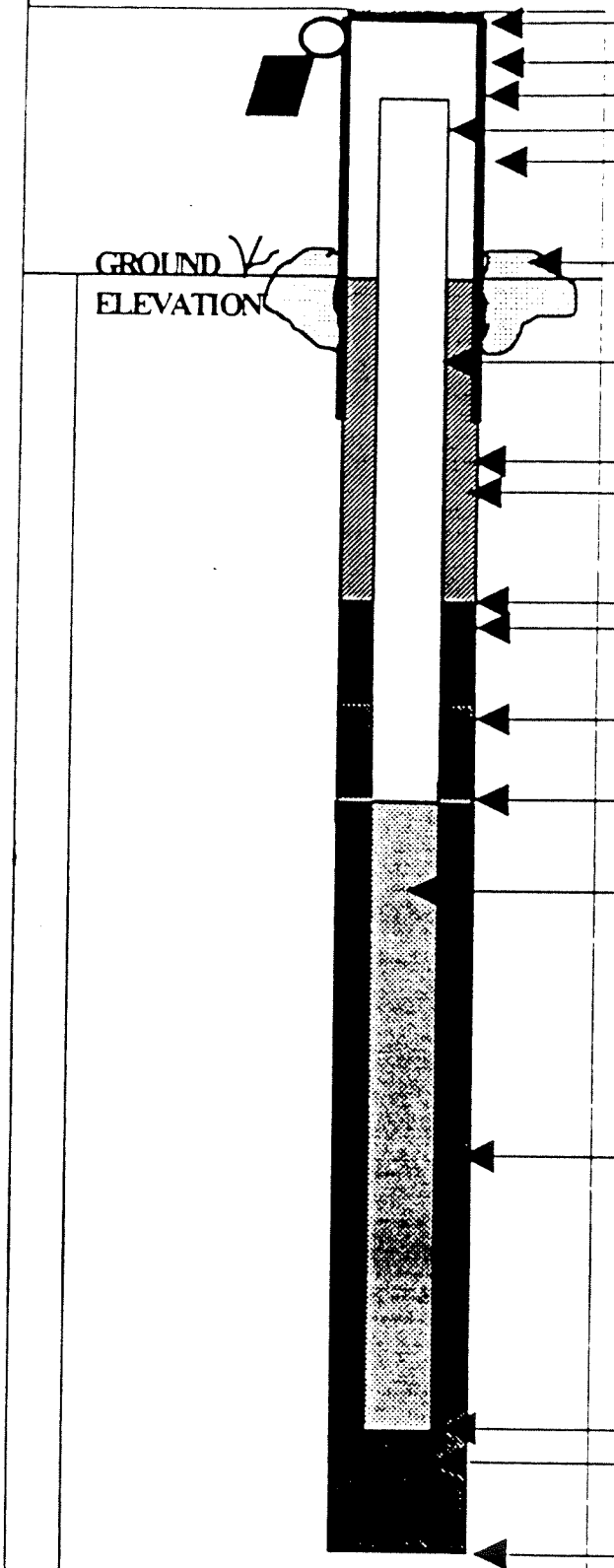
TYPE OF BACKFILL BELOW OBSERVATION WELL: Bottom Sand

ELEVATION / DEPTH OF HOLE: 141.78

BORING NO 057A

OVERBURDEN MONITORING WELL SHEET

PROJECT	NTC - Orlando	LOCATION	McCoy Annex	DRILLER	GPI
PROJECT NO.	7457	BORING	OLD-042-07A	METHOD	DPT
ELEVATION	N/A	DATE	6/4/98	DRILLING	HSA
FIELD GEOLOGIST	TN			DEVELOPMENT	NA



ELEVATION OF TOP OF SURFACE CASING: N/A

ELEVATION OF TOP OF RISER PIPE: N/A

STICK -UP TOP OF SURFACE CASING: 2.5

STICK-UP RISER PIPE: 2.0

I.D. OF SURFACE CASING: 4"

TYPE OF SURFACE CASING: steel

TYPE OF SURFACE SEAL: 2 x 2 x 6" concrete pad

RISER PIPE I.D.: 2"

TYPE OF RISER PIPE: Sch. 40 PVC

BOREHOLE DIAMETER: 10"

TYPE OF SEAL: Bent/cement grout pumped slurry

ELEVATION / DEPTH OF SEAL: 12.47

TYPE OS SEAL: 30/65 fine silica sand.

DEPTH TOP OF SAND PACK: 4.47

ELEVATION / DEPTH TOP OF SCREEN: 16.47

TYPE OF SCREEN: sch 40 PVC

SLOT SIZE X LENGTH: 0.01C x 10

I.D. OF SCREEN: 2"

TYPE OF SAND PACK: 20/30 Silica sand

ELEVATION / DEPTHBOTTOM OF SCREEN: 116.47

ELEVATION / DEPTH BOTTOM OF SAND PACK: 116.97

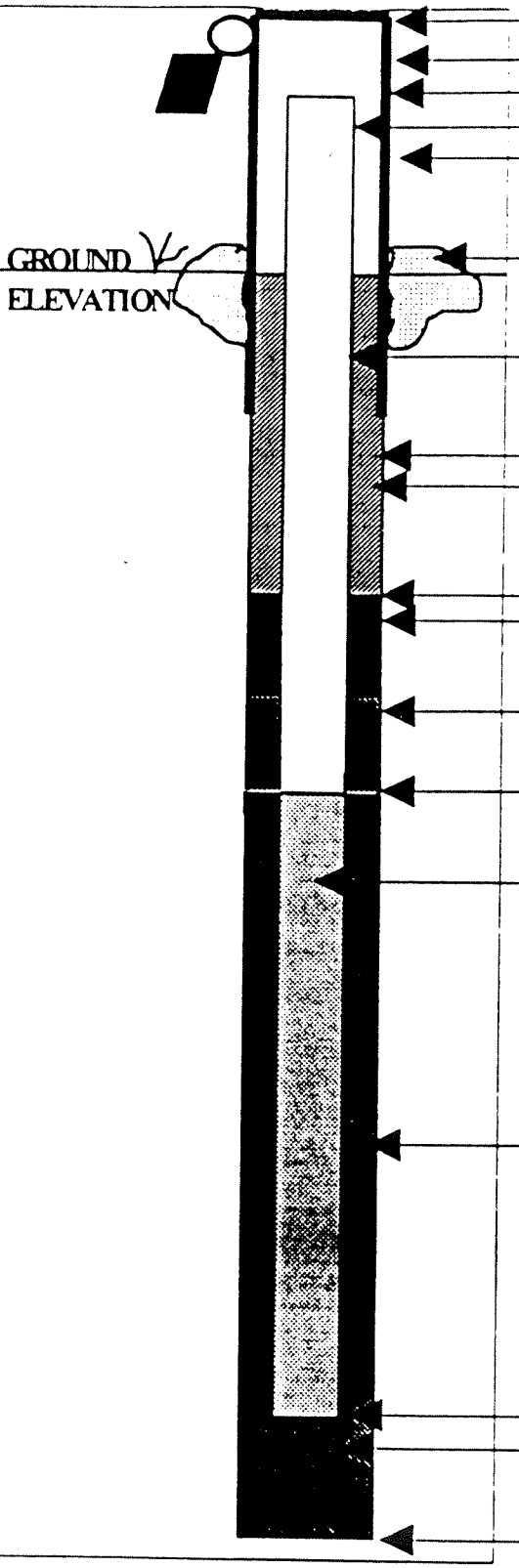
TYPE OF BACKFILL BELOW OBSERVATION WELL: Silica sand

ELEVATION / DEPTH OF HOLE: 116.97

BORING NO OLD

OVERBURDEN MONITORING WELL SHEET

PROJECT	NTC Orlando	LOCATION	McCoy Annex	DRILLER	GPI
PROJECT NO.	7457	BORING	OLD-MW2-0913	METHOD:	DPT
ELEVATION	N/A	DATE	6/5/98	DRILLING	HSA
FIELD GEOLOGIST	GMB			DEVELOPMENT	NA



ELEVATION OF TOP OF SURFACE CASING: N/A

ELEVATION OF TOP OF RISER PIPE: N/A

STICK -UP TOP OF SURFACE CASING: 3.5'

STICK-UP RISER PIPE: 2.5

I.D. OF SURFACE CASING: 4"

TYPE OF SURFACE CASING: steel

TYPE OF SURFACE SEAL: concrete grout

RISER PIPE I.D.: 2"

TYPE OF RISER PIPE: Sch. 40 PVC

BOREHOLE DIAMETER:

TYPE OF SEAL: bentonite/cement grout slurry

ELEVATION / DEPTH OF SEAL: 121.44

TYPE OS SEAL: 2' - 30/65 fine silica sand, 1' - bentonite 1/4" pellets

DEPTH TOP OF SAND PACK: 24.44

ELEVATION / DEPTH TOP OF SCREEN: 126.44

TYPE OF SCREEN: Sch 40 PVC

SLOT SIZE X LENGTH: 0.010 X 5'

I.D. OF SCREEN: 2"

TYPE OF SAND PACK: 20/30 Silica Sand

ELEVATION / DEPTHBOTTOM OF SCREEN: 131.44

ELEVATION / DEPTH BOTTOM OF SAND PACK: 131.34

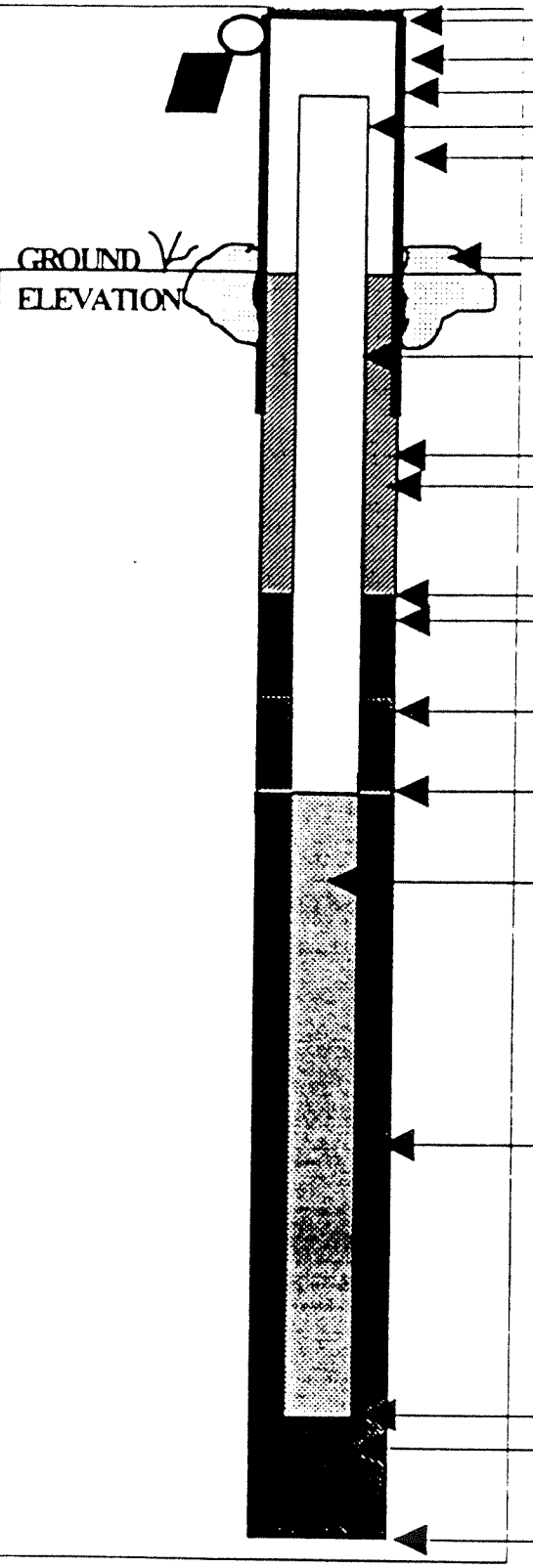
TYPE OF BACKFILL BELOW OBSERVATION WELL: Silica Sand

ELEVATION / DEPTH OF HOLE: 131.94

BORING NO OLD-042-08A

OVERBURDEN MONITORING WELL SHEET

PROJECT	NTC - Orlando	LOCATION	McCoy	DRILLER	GPI
PROJECT NO.	7457	BORING	OLD-042-08A	METHOD:	DPT
ELEVATION	N/A	DATE	6/3/98	DRILLING	HSA
FIELD GEOLOGIST	TN			DEVELOPMENT:	NA



ELEVATION OF TOP OF SURFACE CASING: N/A

ELEVATION OF TOP OF RISER PIPE: N/A

STICK -UP TOP OF SURFACE CASING: 3.0

STICK-UP RISER PIPE: 2.5

I.D. OF SURFACE CASING: 4"

TYPE OF SURFACE CASING: steel

TYPE OF SURFACE SEAL: concrete pad

RISER PIPE I.D.: 2"

TYPE OF RISER PIPE: Sch 40 PVC

BOREHOLE DIAMETER:

TYPE OF SEAL: bentonite / grout cement slurry

ELEVATION / DEPTH OF SEAL: 13.95

TYPE OS SEAL: 30/65 fine silica sand

DEPTH TOP OF SAND PACK: 5.95

ELEVATION / DEPTH TOP OF SCREEN: 7.95

TYPE OF SCREEN: Sch 40 PVC

SLOT SIZE X LENGTH: 0.010 x 10'

I.D. OF SCREEN: 2"

TYPE OF SAND PACK: 20/30 silica sand

ELEVATION / DEPTHBOTTOM OF SCREEN: 17.95

ELEVATION / DEPTH BOTTOM OF SAND PACK: 18.45

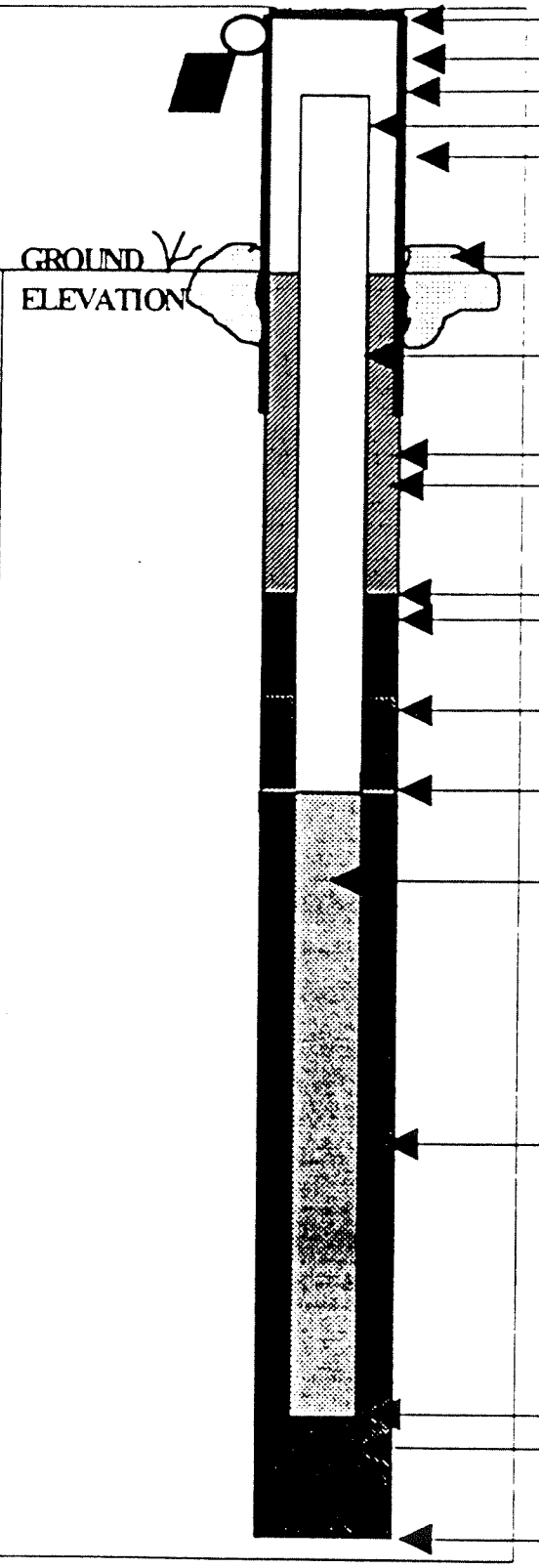
TYPE OF BACKFILL BELOW OBSERVATION WELL: silica sand.

ELEVATION / DEPTH OF HOLE: 18.45

BORING NO OSB

OVERBURDEN MONITORING WELL SHEET

PROJECT	NTC - Orlando	LOCATION	McCoy Annex	DRILLER	GPI
PROJECT NO.	7457	BORING	OLD-012-OSB	METHOD:	DPT
ELEVATION	N/A	DATE	6/4/98	DRILLING	HSA
FIELD GEOLOGIST	TN			DEVELOPMENT:	NA



ELEVATION OF TOP OF SURFACE CASING: N/A

ELEVATION OF TOP OF RISER PIPE: N/A

STICK-UP TOP OF SURFACE CASING: 3.0

STICK-UP RISER PIPE: 2.5

I.D. OF SURFACE CASING: 4"

TYPE OF SURFACE CASING: Steel

TYPE OF SURFACE SEAL: Concrete grout

RISER PIPE I.D.: 2"

TYPE OF RISER PIPE: Sch. 40 PVC

BOREHOLE DIAMETER:

TYPE OF SEAL: bentonite / cement grout slurry

ELEVATION / DEPTH OF SEAL: 129.49

TYPE OS SEAL: 2' - 30/65 fine silica sand, 1' - bentonite pellets

DEPTH TOP OF SAND PACK: 32.49

ELEVATION / DEPTH TOP OF SCREEN: 134.49

TYPE OF SCREEN: Sch 40 PVC

SLOT SIZE X LENGTH: 0.010 x 5'

I.D. OF SCREEN: 2"

TYPE OF SAND PACK: 20/30 silica sand

ELEVATION / DEPTHBOTTOM OF SCREEN: 139.49

ELEVATION / DEPTH BOTTOM OF SAND PACK: 140.00

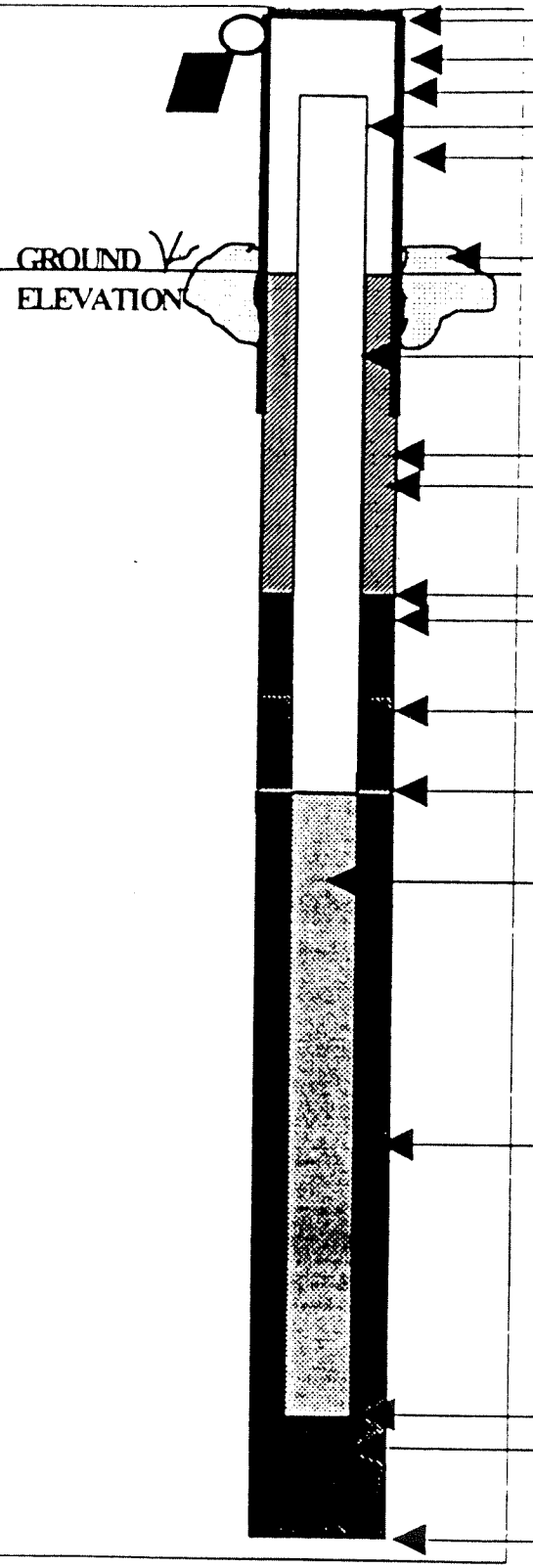
TYPE OF BACKFILL BELOW OBSERVATION WELL: silica sand

ELEVATION / DEPTH OF HOLE: 140.01

BORING NO OLD-OW2-09A

OVERBURDEN MONITORING WELL SHEET

PROJECT	NTC - Orlando	LOCATION	McCoy Annex	DRILLER	GPI
PROJECT NO.	7457	BORING	OLD-OW2-09A	METHOD:	DPT
ELEVATION	N/A	DATE	6/9/98	DRILLING	HSA
FIELD GEOLOGIST	GB			DEVELOPMENT:	NA



ELEVATION OF TOP OF SURFACE CASING: N/A

ELEVATION OF TOP OF RISER PIPE: N/A

STICK -UP TOP OF SURFACE CASING: 3.0

STICK-UP RISER PIPE: 2.5

I.D. OF SURFACE CASING: 4"

TYPE OF SURFACE CASING: steel

TYPE OF SURFACE SEAL: concrete pad.

RISER PIPE I.D.: 2"

TYPE OF RISER PIPE: sch 40 PVC

BOREHOLE DIAMETER: 10"

TYPE OF SEAL: bentonite / cement grout slurry

ELEVATION / DEPTH OF SEAL: 12.95

TYPE OS SEAL: 30/65 fine silica sand

DEPTH TOP OF SAND PACK: 4.95

ELEVATION / DEPTH TOP OF SCREEN: 16.95

TYPE OF SCREEN: Sch. 40 PVC.

SLOT SIZE X LENGTH: 0.010 x 10'

I.D. OF SCREEN: 2"

TYPE OF SAND PACK: 20/30 silica sand.

ELEVATION / DEPTHBOTTOM OF SCREEN: 116.95

ELEVATION / DEPTH BOTTOM OF SAND PACK: 117.45

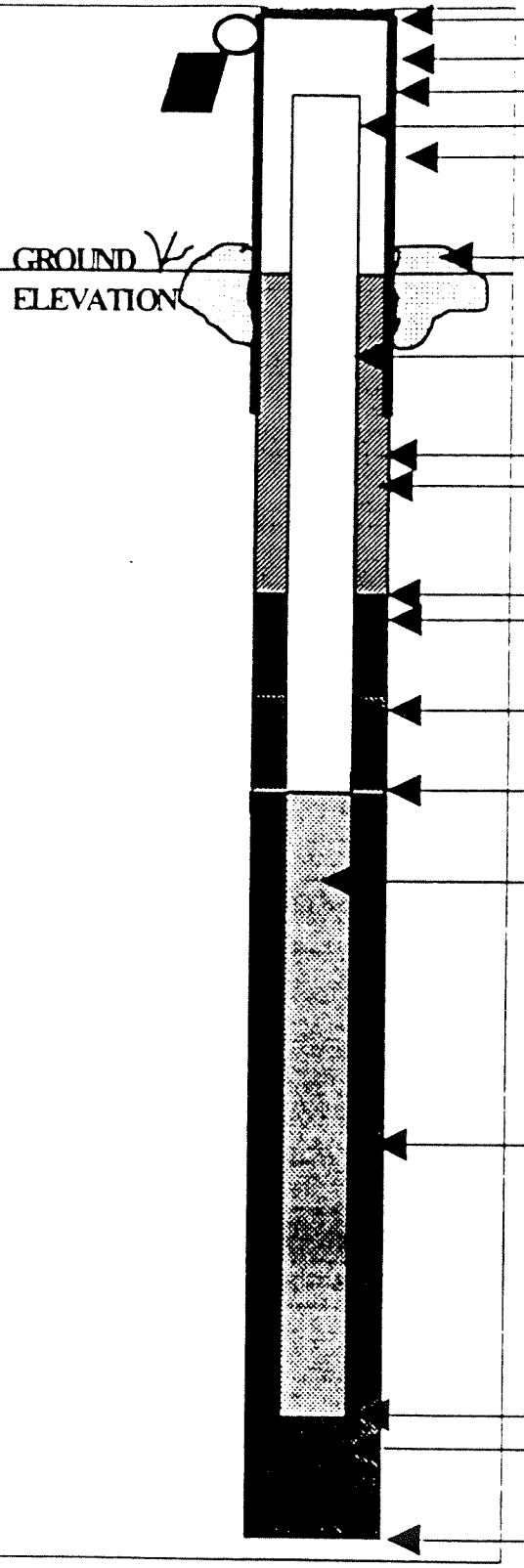
TYPE OF BACKFILL BELOW OBSERVATION WELL: silica sand

ELEVATION / DEPTH OF HOLE: 117.45

BORING NO 09D

OVERBURDEN MONITORING WELL SHEET

PROJECT	NTC - Orlando	LOCATION	McCoy Annex	DRILLER	GB
PROJECT NO.	7457	BORING	OLD-OU2-09B	METHOD:	DPT
ELEVATION	N/A	DATE	6/9/98	DRILLING	HSA
FIELD GEOLOGIST	GB			DEVELOPMENT	NA

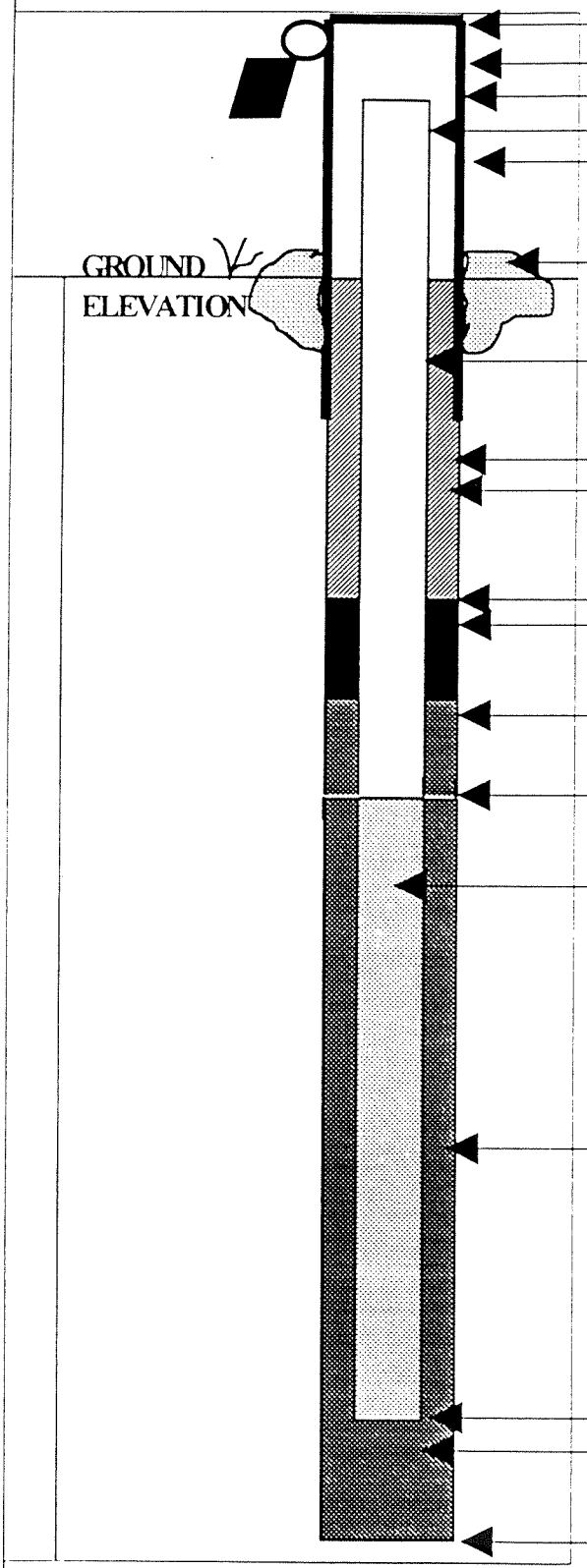


- ELEVATION OF TOP OF SURFACE CASING: N/A
- ELEVATION OF TOP OF RISER PIPE: N/A
- STICK -UP TOP OF SURFACE CASING: 3.0
- STICK-UP RISER PIPE: 2.5
- I.D. OF SURFACE CASING: 4"
- TYPE OF SURFACE CASING: steel
- TYPE OF SURFACE SEAL: concrete pad
- RISER PIPE I.D.: 2"
- TYPE OF RISER PIPE: Sch 40 PVC
- BOREHOLE DIAMETER: 10"
- TYPE OF SEAL: bentonite/cement grout slurry
- ELEVATION / DEPTH OF SEAL: 130.40
- TYPE OS SEAL: 2' 30/65 silica sand (fine), 1'- bentonite pellets
- DEPTH TOP OF SAND PACK: 33.40
- ELEVATION / DEPTH TOP OF SCREEN: 135.40
- TYPE OF SCREEN: Sch 40 PVC
- SLOT SIZE X LENGTH: 0.010 x 5'
- I.D. OF SCREEN: 2"
- TYPE OF SAND PACK: 20/30 silica sand
- ELEVATION / DEPTHBOTTOM OF SCREEN: 140.40
- ELEVATION / DEPTH BOTTOM OF SAND PACK: 140.90
- TYPE OF BACKFILL BELOW OBSERVATION WELL: silica sand
- ELEVATION / DEPTH OF HOLE: 140.90

BORING NO 10A

OVERBURDEN MONITORING WELL SHEET

PROJECT	NTC Orlando	LOCATION:	well # 10-A	DRILLER	GPI
PROJECT NO.	7457	BORING	OLD-OU2-10A	METHOD:	DPT
ELEVATION	N/A	DATE	6-5-98	DRILLING	HSA
FIELD GEOLOGIST	Tom Nicotra			DEVELOPMENT:	NA



ELEVATION OF TOP OF SURFACE CASING: N/A

ELEVATION OF TOP OF RISER PIPE: N/A

STICK-UP TOP OF SURFACE CASING: N/A

STICK-UP RISER PIPE: N/A

I.D. OF SURFACE CASING: N/A

TYPE OF SURFACE CASING: Flush mount 8" bolt down manhole

TYPE OF SURFACE SEAL: concrete pad

RISER PIPE I.D.: 2"

TYPE OF RISER PIPE: PVC Sch 40

BOREHOLE DIAMETER: 10"

TYPE OF SEAL: Neat Cement Grout + bentonite

ELEVATION / DEPTH OF SEAL: 11.0'

TYPE OS SEAL: 2'- 30/65 Fine Sand seal

DEPTH TOP OF SAND PACK: 3.0'

ELEVATION / DEPTH TOP OF SCREEN: 115.0'

TYPE OF SCREEN: PVC

SLOT SIZE X LENGTH: 0.010 X 10'

I.D. OF SCREEN: 2"

TYPE OF SAND PACK: 20/30 Sand

ELEVATION / DEPTHBOTTOM OF SCREEN: 115.0'

ELEVATION / DEPTH BOTTOM OF SAND PACK: 115.5'

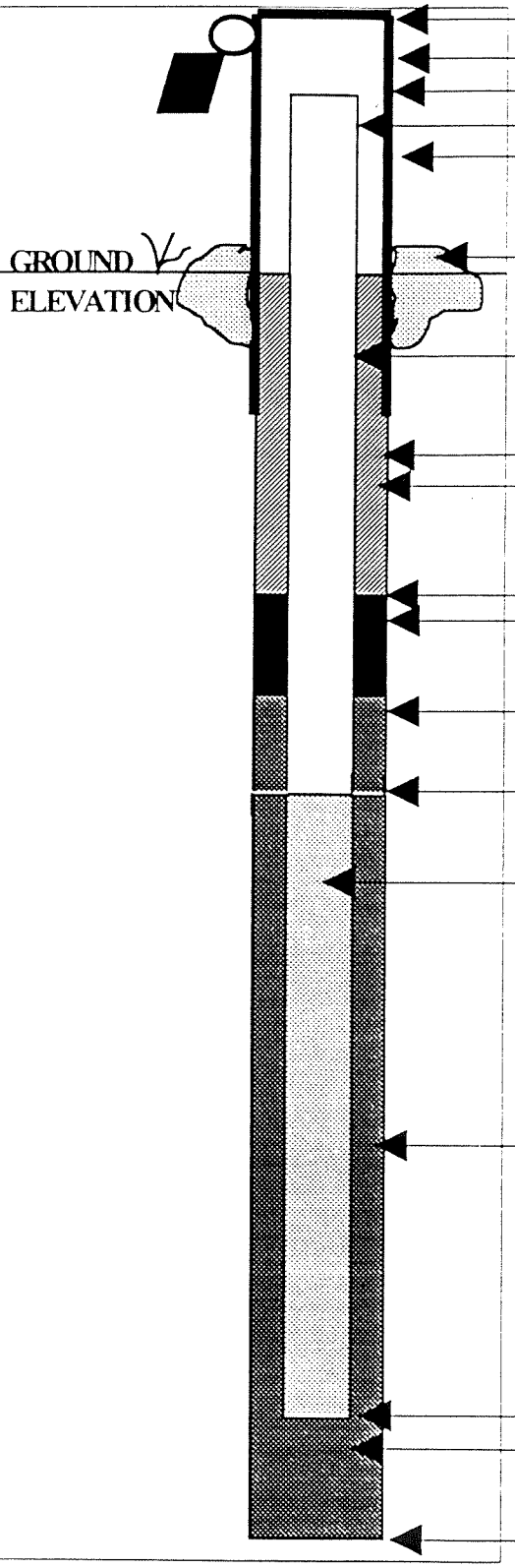
TYPE OF BACKFILL BELOW OBSERVATION WELL: Silica Sand.

ELEVATION / DEPTH OF HOLE: 115.5'

BORING NO: 10B

OVERBURDEN MONITORING WELL SHEET

PROJECT	NTC Orlando	LOCATION:	well # 10-B	DRILLER	GPI
PROJECT NO.	7457	BORING	OLD-042-10B	METHOD:	DPT
ELEVATION	N/A	DATE	6-8-98	DRILLING	HSA
FIELD GEOLOGIST	Tom Nicotera			DEVELOPMENT:	NA



ELEVATION OF TOP OF SURFACE CASING: N/A

ELEVATION OF TOP OF RISER PIPE: N/A

STICK-UP TOP OF SURFACE CASING: N/A

STICK-UP RISER PIPE: N/A

I.D. OF SURFACE CASING: N/A

TYPE OF SURFACE CASING: Flush mount 8" manhole cover

TYPE OF SURFACE SEAL: concrete pad

RISER PIPE I.D.: 2"

TYPE OF RISER PIPE: PVC Sch 40.

BOREHOLE DIAMETER: 10"

TYPE OF SEAL: 2' Bentonite spall; Then neat cement grout to surface.

ELEVATION / DEPTH OF SEAL: 126'

TYPE OS SEAL: 2'-3~~6~~ Fine sand ~~seal~~ 1' bentonite pellets

DEPTH TOP OF SAND PACK: 29.0

ELEVATION / DEPTH TOP OF SCREEN: 131.0'

TYPE OF SCREEN: PVC Sch 40.

SLOT SIZE X LENGTH: 0.01 X 5'

I.D. OF SCREEN: 2"

TYPE OF SAND PACK: 20/30 Sand

ELEVATION / DEPTHBOTTOM OF SCREEN: 136.0'

ELEVATION / DEPTH BOTTOM OF SAND PACK: 136.5

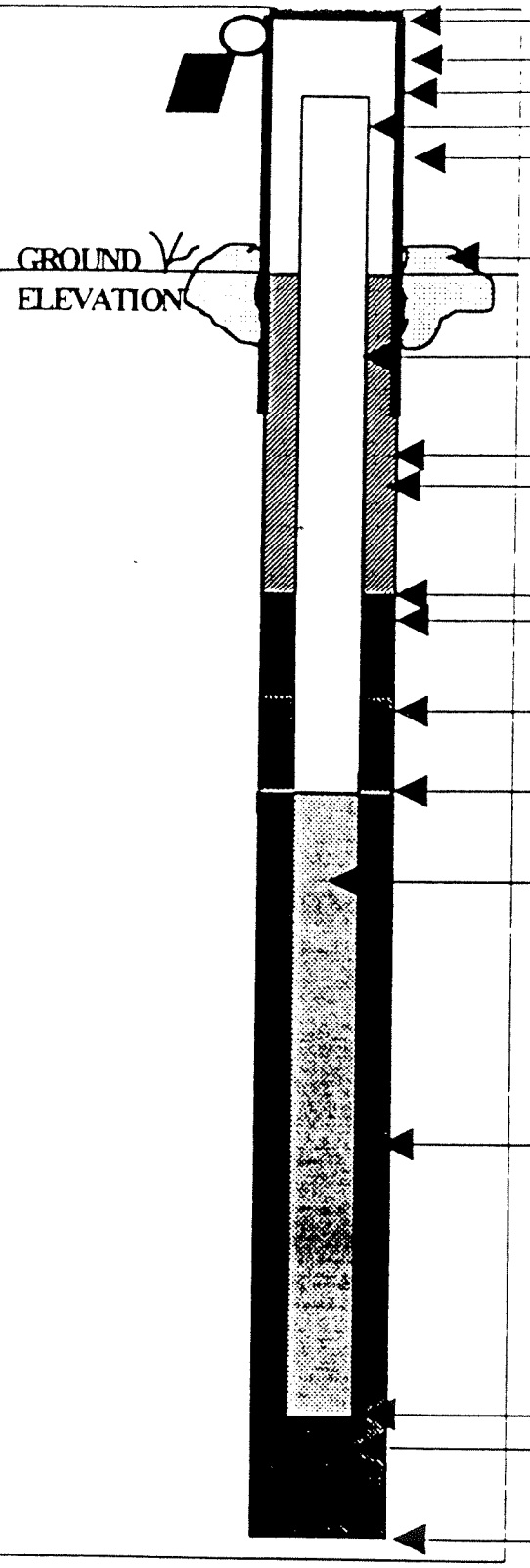
TYPE OF BACKFILL BELOW OBSERVATION WELL: silica sand.

ELEVATION / DEPTH OF HOLE: 136.5'

BORING NO 11A

OVERBURDEN MONITORING WELL SHEET

PROJECT	NTC Orlando	LOCATION	McCoy Annex	DRILLER	GPI
PROJECT NO.	7457	BORING	OLD-012-11A	METHOD:	DPT
ELEVATION	N/A	DATE	6/3/98	DRILLING	HSA
FIELD GEOLOGIST	GB			DEVELOPMENT:	NA

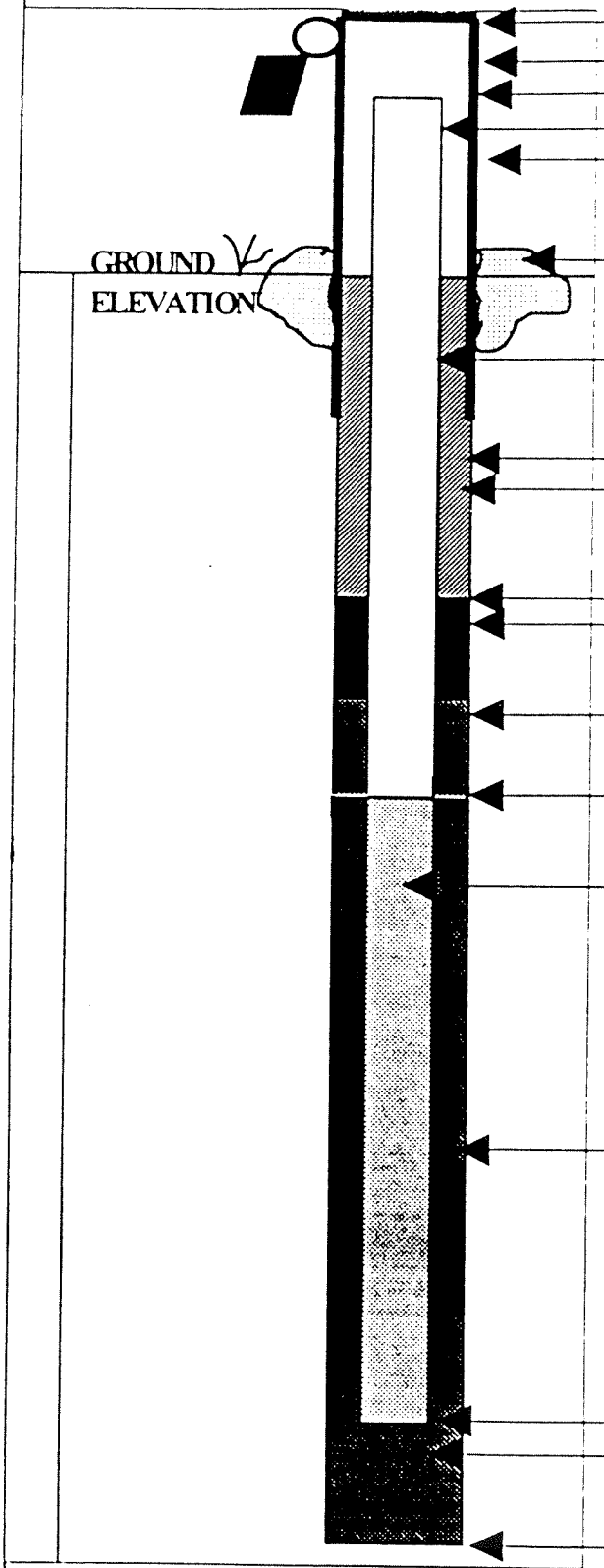


ELEVATION OF TOP OF SURFACE CASING	N/A
ELEVATION OF TOP OF RISER PIPE:	N/A
STICK-UP TOP OF SURFACE CASING:	3.0
STICK-UP RISER PIPE:	2.5
I.D. OF SURFACE CASING:	4"
TYPE OF SURFACE CASING:	steel
TYPE OF SURFACE SEAL:	concrete grout
RISER PIPE I.D.:	2"
TYPE OF RISER PIPE:	Sch 40 PVC
BOREHOLE DIAMETER:	10"
TYPE OF SEAL:	bentonite/cement grout slurry
ELEVATION / DEPTH OF SEAL:	13.40
TYPE OS SEAL:	30/65 fine silica sand
DEPTH TOP OF SAND PACK:	5.40
ELEVATION / DEPTH TOP OF SCREEN:	17.40
TYPE OF SCREEN:	Sch. 40 PVC
SLOT SIZE X LENGTH:	0.010 x 10'
I.D. OF SCREEN:	2"
TYPE OF SAND PACK:	20/30 silica sand
ELEVATION / DEPTHBOTTOM OF SCREEN:	117.40
ELEVATION / DEPTH BOTTOM OF SAND PACK:	117.90
TYPE OF BACKFILL BELOW OBSERVATION WELL:	silica sand
ELEVATION / DEPTH OF HOLE:	117.90

BORING NO 11B

OVERBURDEN MONITORING WELL SHEET

PROJECT	NTC - Orlando	LOCATION	McCoy Annex	DRILLER	GPI
PROJECT NO.	7457	BORING	OLD-012-11B	METHOD: DPT	
ELEVATION	N/A	DATE	6/2/98	DRILLING	HSA
FIELD GEOLOGIST	GB			DEVELOPMENT	NA

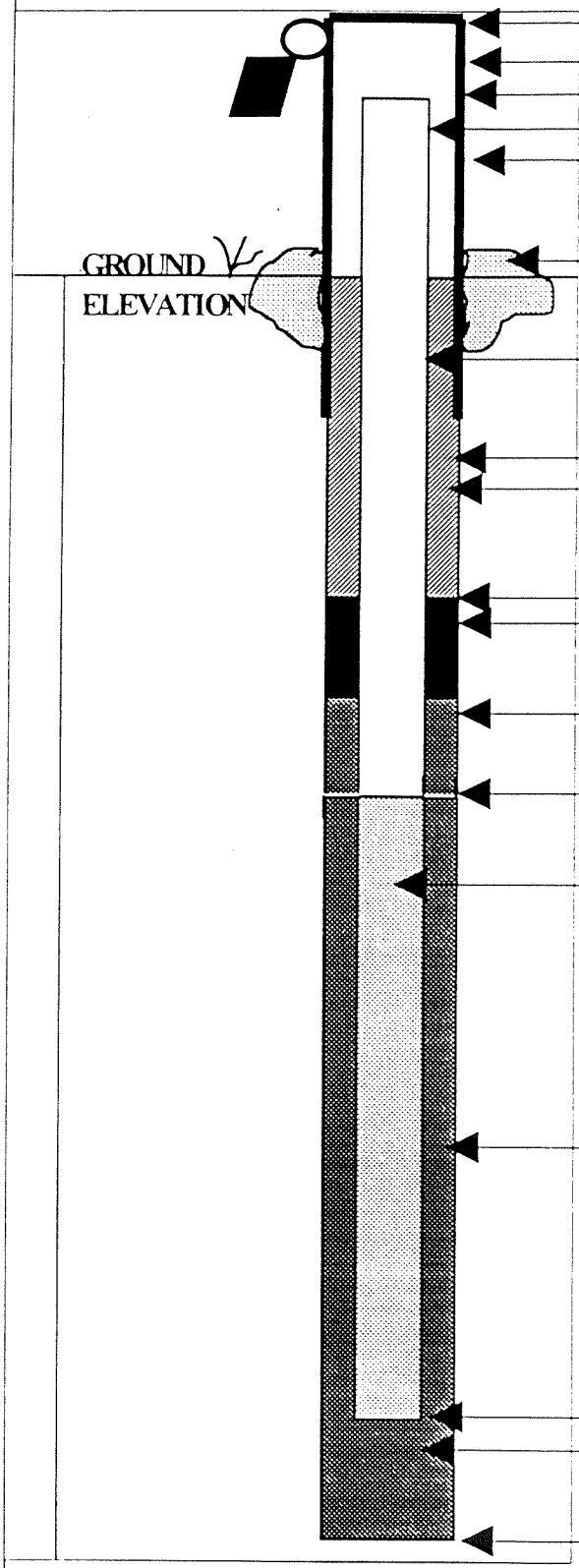


ELEVATION OF TOP OF SURFACE CASING	N/A
ELEVATION OF TOP OF RISER PIPE:	N/A
STICK-UP TOP OF SURFACE CASING:	3.0
STICK-UP RISER PIPE:	2.5
I.D. OF SURFACE CASING:	4"
TYPE OF SURFACE CASING:	steel
TYPE OF SURFACE SEAL:	concrete pad.
RISER PIPE I.D.:	2"
TYPE OF RISER PIPE:	Sch 40 PVC
BOREHOLE DIAMETER:	10"
TYPE OF SEAL:	bentonite/cement grout slurry
ELEVATION / DEPTH OF SEAL:	124.60
TYPE OS SEAL:	2' - 30/65 fine silica sand, 1' - bentonite pellets
DEPTH TOP OF SAND PACK:	27.60
ELEVATION / DEPTH TOP OF SCREEN:	129.60
TYPE OF SCREEN:	Sch 40 PVC
SLOT SIZE X LENGTH:	0.01 x 5'
I.D. OF SCREEN:	2"
TYPE OF SAND PACK:	20/30 Silica sand
ELEVATION / DEPTHBOTTOM OF SCREEN:	134.60
ELEVATION / DEPTH BOTTOM OF SAND PACK:	135.10
TYPE OF BACKFILL BELOW OBSERVATION WELL:	Silica sand
ELEVATION / DEPTH OF HOLE:	135.10

BORING NO: 12A

OVERBURDEN MONITORING WELL SHEET

PROJECT	NTC - ORLANDO	LOCATION:	OLD-OU3-12A	DRILLER	GPI
PROJECT NO.	74457	BORING	McCoy Annex	METHOD:	DPT
ELEVATION	-	DATE	6/17/98	DRILLING	HSA
FIELD GEOLOGIST	Tom Nicolson			DEVELOPMENT:	NA

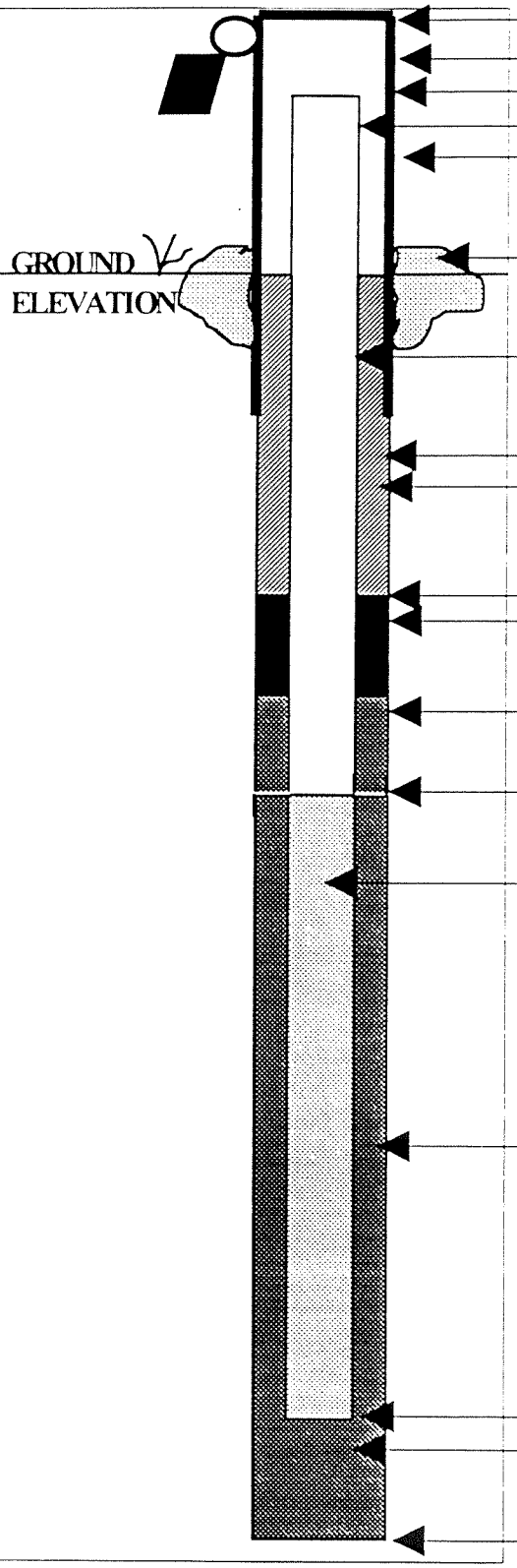


ELEVATION OF TOP OF SURFACE CASING:	N/A
ELEVATION OF TOP OF RISER PIPE:	N/A
STICK-UP TOP OF SURFACE CASING:	N/A
STICK-UP RISER PIPE:	N/A
I.D. OF SURFACE CASING:	
TYPE OF SURFACE CASING:	Flush mounted 8" bolt down manhole cover
TYPE OF SURFACE SEAL:	2x2x6" concrete pad
RISER PIPE I.D.:	2"
TYPE OF RISER PIPE:	Sch. 40 PVC
BOREHOLE DIAMETER:	10"
TYPE OF SEAL:	Bentonite / Cement grout
ELEVATION / DEPTH OF SEAL:	11'.0
TYPE OS SEAL:	30/65 silica Sand
DEPTH TOP OF SAND PACK:	3'.0
ELEVATION / DEPTH TOP OF SCREEN:	15.10
TYPE OF SCREEN:	Sch 40 PVC
SLOT SIZE X LENGTH:	0.01 X 10'
I.D. OF SCREEN:	2"
TYPE OF SAND PACK:	20/30 silica Sand
ELEVATION / DEPTHBOTTOM OF SCREEN:	15.0
ELEVATION / DEPTH BOTTOM OF SAND PACK:	15.50
TYPE OF BACKFILL BELOW OBSERVATION WELL:	20/30 Sand
ELEVATION / DEPTH OF HOLE:	15.50

BORING NO. 12B

OVERBURDEN MONITORING WELL SHEET

PROJECT	NTC-ORLANDO	LOCATION	OLD-OU2-12B	DRILLER	GPI
PROJECT NO.	7457	BORING	McCoy Annex	METHOD	DPT
ELEVATION	—	DATE	6/17	DRILLING	HSA
FIELD GEOLOGIST	Tom Nicoletta			DEVELOPMENT	NA



ELEVATION OF TOP OF SURFACE CASING: N/A

ELEVATION OF TOP OF RISER PIPE: N/A

STICK-UP TOP OF SURFACE CASING: N/A

STICK-UP RISER PIPE: N/A

I.D. OF SURFACE CASING:

TYPE OF SURFACE CASING: Flush mount 8" bolt down manhole cover

TYPE OF SURFACE SEAL: 2'x2'x6" concrete pad.

RISER PIPE I.D.: 2"

TYPE OF RISER PIPE: Sch. 40 PVC

BOREHOLE DIAMETER: 10"

TYPE OF SEAL: Bentonite/cement grout

ELEVATION / DEPTH OF SEAL: 124.83'

TYPE OS SEAL: 30/65 Silica sand to 29', Bentonite pellets 27'

DEPTH TOP OF SAND PACK: 27.83

ELEVATION / DEPTH TOP OF SCREEN: 129.83

TYPE OF SCREEN: Sch. 40 PVC.

SLOT SIZE X LENGTH: 0.01 x 5

I.D. OF SCREEN: 2"

TYPE OF SAND PACK: 20/30 Silica Sand

ELEVATION / DEPTHBOTTOM OF SCREEN: 134.83

ELEVATION / DEPTH BOTTOM OF SAND PACK: 135.33

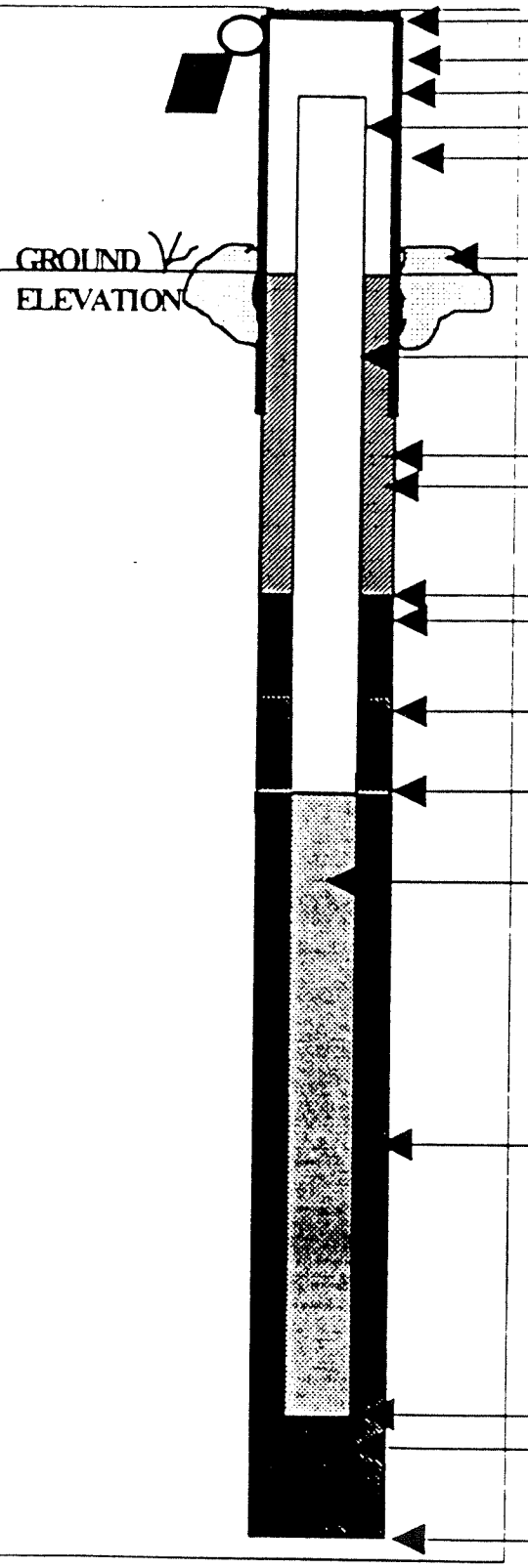
TYPE OF BACKFILL BELOW OBSERVATION WELL: 20/30 Silica Sand.

ELEVATION / DEPTH OF HOLE: 135.33

BORING NO 13A

OVERBURDEN MONITORING WELL SHEET

PROJECT	NTC Orlando	LOCATION	McCoy Annex	DRILLER	GPI
PROJECT NO.	7457	BORING	OLD-OU2-13A	METHOD:	DPT
ELEVATION	N/A	DATE	6/6/98	DRILLING	HSA
FIELD GEOLOGIST	SB			DEVELOPMENT	NA



ELEVATION OF TOP OF SURFACE CASING: N/A

ELEVATION OF TOP OF RISER PIPE: N/A

STICK -UP TOP OF SURFACE CASING: N/A

STICK-UP RISER PIPE: N/A

I.D. OF SURFACE CASING:

TYPE OF SURFACE CASING: flush mounted 8" bolt down manhole cover

TYPE OF SURFACE SEAL: Concrete pad.

RISER PIPE I.D.: 2"

TYPE OF RISER PIPE: Sch 40 PVC

BOREHOLE DIAMETER: 10"

TYPE OF SEAL: bentonite/cement grout slurry

ELEVATION / DEPTH OF SEAL: 11.85

TYPE OS SEAL: 30/65 fine silica Sand

DEPTH TOP OF SAND PACK: 2.85

ELEVATION / DEPTH TOP OF SCREEN: 13.85

TYPE OF SCREEN: Sch 40 PVC

SLOT SIZE X LENGTH: 0.01 X 10'

I.D. OF SCREEN: 2"

TYPE OF SAND PACK: 20/30 silica Sand

ELEVATION / DEPTHBOTTOM OF SCREEN: 113.35

ELEVATION / DEPTH BOTTOM OF SAND PACK: 114.35

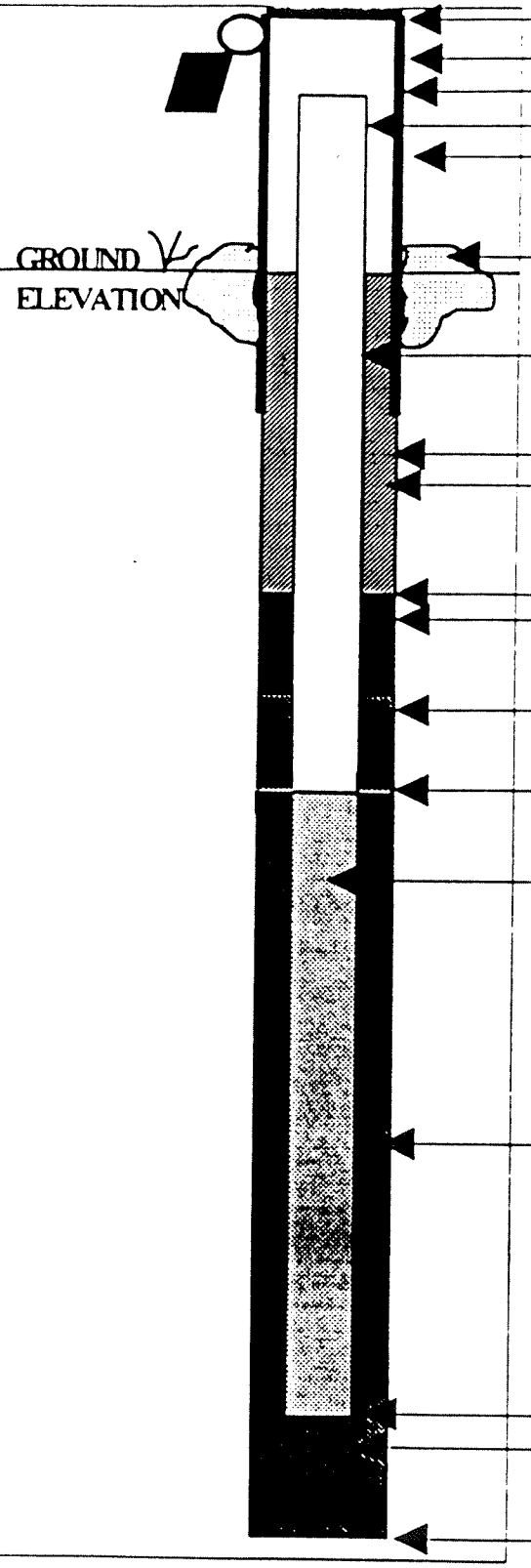
TYPE OF BACKFILL BELOW OBSERVATION WELL: Silica Sand.

ELEVATION / DEPTH OF HOLE: 114.35

BORING NO 13B

OVERBURDEN MONITORING WELL SHEET

PROJECT	NTC Orlando	LOCATION	McCoy Annex	DRILLER	GPI
PROJECT NO.	7457	BORING	OLD-CU2-13B	METHOD	DPT
ELEVATION	N/A	DATE	6/7/95	DRILLING	HSA
FIELD GEOLOGIST	GB			DEVELOPMENT	NA



ELEVATION OF TOP OF SURFACE CASING: N/A

ELEVATION OF TOP OF RISER PIPE: N/A

STICK -UP TOP OF SURFACE CASING: N/A

STICK-UP RISER PIPE: N/A

I.D. OF SURFACE CASING: N/A

TYPE OF SURFACE CASING: flush mounted 8" man hole cover

TYPE OF SURFACE SEAL: concrete pad

RISER PIPE I.D.: 2"

TYPE OF RISER PIPE: Sch. 40 PVC

BOREHOLE DIAMETER: 10"

TYPE OF SEAL: bentonite/grout cement slurry

ELEVATION / DEPTH OF SEAL: 120.55

TYPE OS SEAL: 2' - 30/65 fine silica sand, 1' - bentonite pellets

DEPTH TOP OF SAND PACK: 23.55

ELEVATION / DEPTH TOP OF SCREEN: 125.55

TYPE OF SCREEN: Sch. 40 PVC

SLOT SIZE X LENGTH: 0.10 X 5'

I.D. OF SCREEN:

TYPE OF SAND PACK: 20/30 silica sand

ELEVATION / DEPTHBOTTOM OF SCREEN: 130.55

ELEVATION / DEPTH BOTTOM OF SAND PACK: 131.05

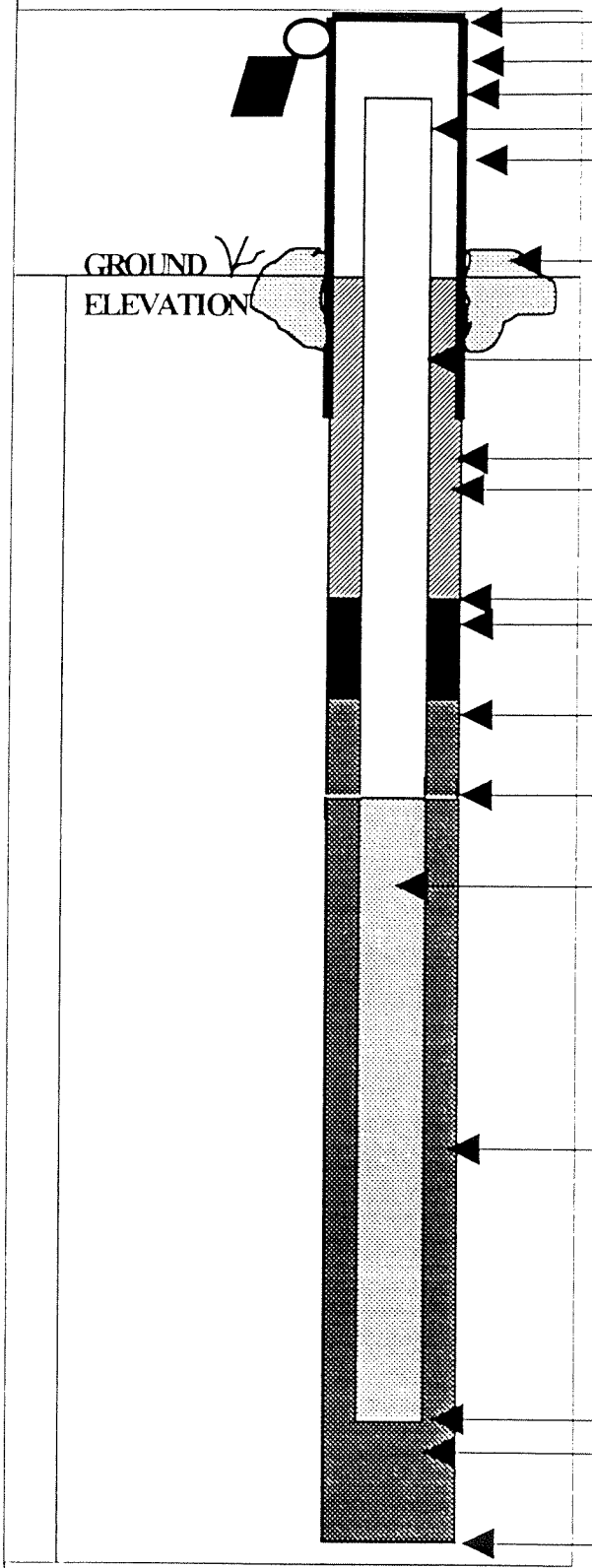
TYPE OF BACKFILL BELOW OBSERVATION WELL: silica sand.

ELEVATION / DEPTH OF HOLE: 131.05

BORING NO: 14A

OVERBURDEN MONITORING WELL SHEET

PROJECT	NTC - ORLANDO	LOCATION:	OLD-OU2-14A	DRILLER	GP1
PROJECT NO.	7457	BORING	"	METHOD:	DPT
ELEVATION	~~Boreholes~~	DATE	6/17/98	DRILLING	HSA.
FIELD GEOLOGIST	Tom Nielsen			DEVELOPMENT:	NA



ELEVATION OF TOP OF SURFACE CASING: N/A

ELEVATION OF TOP OF RISER PIPE: N/A

STICK-UP TOP OF SURFACE CASING: N/A

STICK-UP RISER PIPE: N/A

I.D. OF SURFACE CASING:

TYPE OF SURFACE CASING: Flush mounted 8" bolt down manhole cover

TYPE OF SURFACE SEAL: 2 X 2 X 6" concrete pad

RISER PIPE I.D.: 2"

TYPE OF RISER PIPE: Sch. 40 PVC.

BOREHOLE DIAMETER: 10"

TYPE OF SEAL: Bentonite/cement grout

ELEVATION / DEPTH OF SEAL: 11'.09

TYPE OS SEAL: 30/65 Silica Sand

DEPTH TOP OF SAND PACK: 3'.09

ELEVATION / DEPTH TOP OF SCREEN: 15.09

TYPE OF SCREEN: Schedule 40 PVC.

SLOT SIZE X LENGTH: 0.01 x 10

I.D. OF SCREEN: 2"

TYPE OF SAND PACK: 20/30 Silica Sand.

ELEVATION / DEPTHBOTTOM OF SCREEN: 1 15.09

ELEVATION / DEPTH BOTTOM OF SAND PACK: 1 15.59

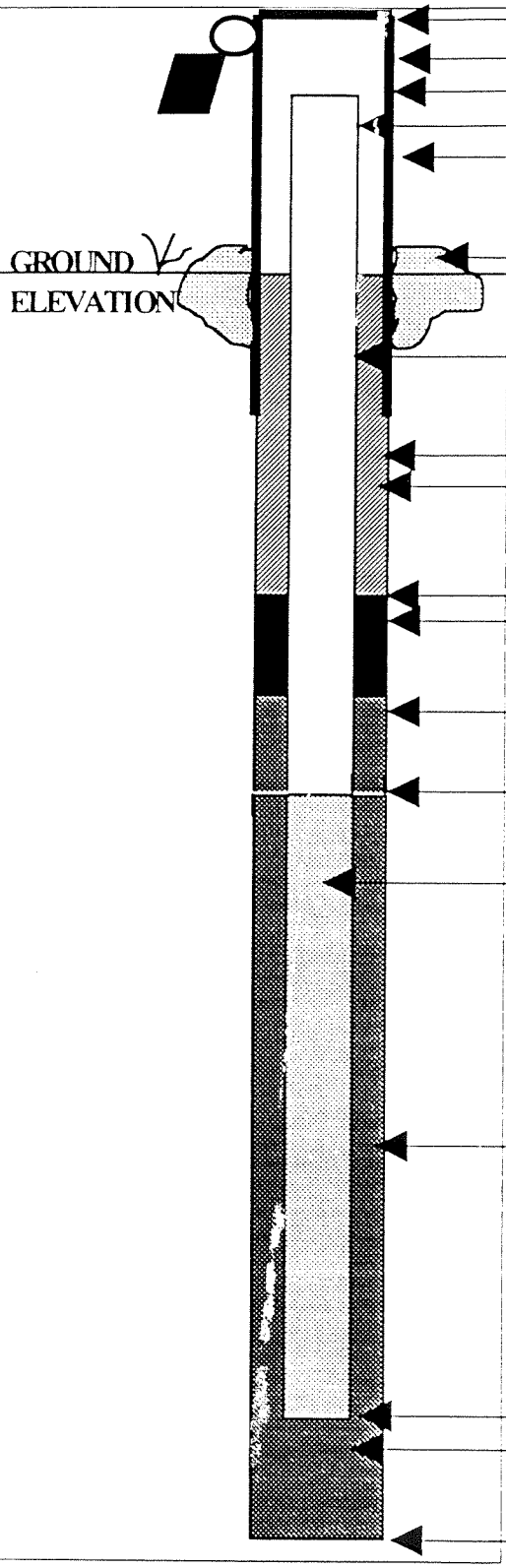
TYPE OF BACKFILL BELOW OBSERVATION WELL: 20/30 Silica Sand.

ELEVATION / DEPTH OF HOLE: 1 15.59

BORING NO: [illegible]

OVERBURDEN MONITORING WELL SHEET

PROJECT	NTC - ORLANDO	LOCATION:	NAS COM ANNEX	DRILLER	[illegible]
PROJECT NO.	7457	BORING	[illegible]	METHOD:	DPT
ELEVATION	N/A	DATE	6/16/98	DRILLING	[illegible]
FIELD GEOLOGIST	[illegible]			DEVELOPMENT:	NA



ELEVATION OF TOP OF SURFACE CASING: N/A

ELEVATION OF TOP OF RISER PIPE: N/A

STICK -UP TOP OF SURFACE CASING: N/A

STICK-UP RISER PIPE: N/A

I.D. OF SURFACE CASING: N.A.

TYPE OF SURFACE CASING: [illegible]

TYPE OF SURFACE SEAL: [illegible]

RISER PIPE I.D.: 2"

TYPE OF RISER PIPE: [illegible]

BOREHOLE DIAMETER: [illegible]

TYPE OF SEAL: [illegible]

ELEVATION / DEPTH OF SEAL: 123.80

TYPE OS SEAL: [illegible]

DEPTH TOP OF SAND PACK: 26.80

ELEVATION / DEPTH TOP OF SCREEN: 128.80

TYPE OF SCREEN: [illegible]

SLOT SIZE X LENGTH: [illegible] x 5

I.D. OF SCREEN: 2

TYPE OF SAND PACK: [illegible]

ELEVATION / DEPTHBOTTOM OF SCREEN: 133.80

ELEVATION / DEPTH BOTTOM OF SAND PACK: 134.30

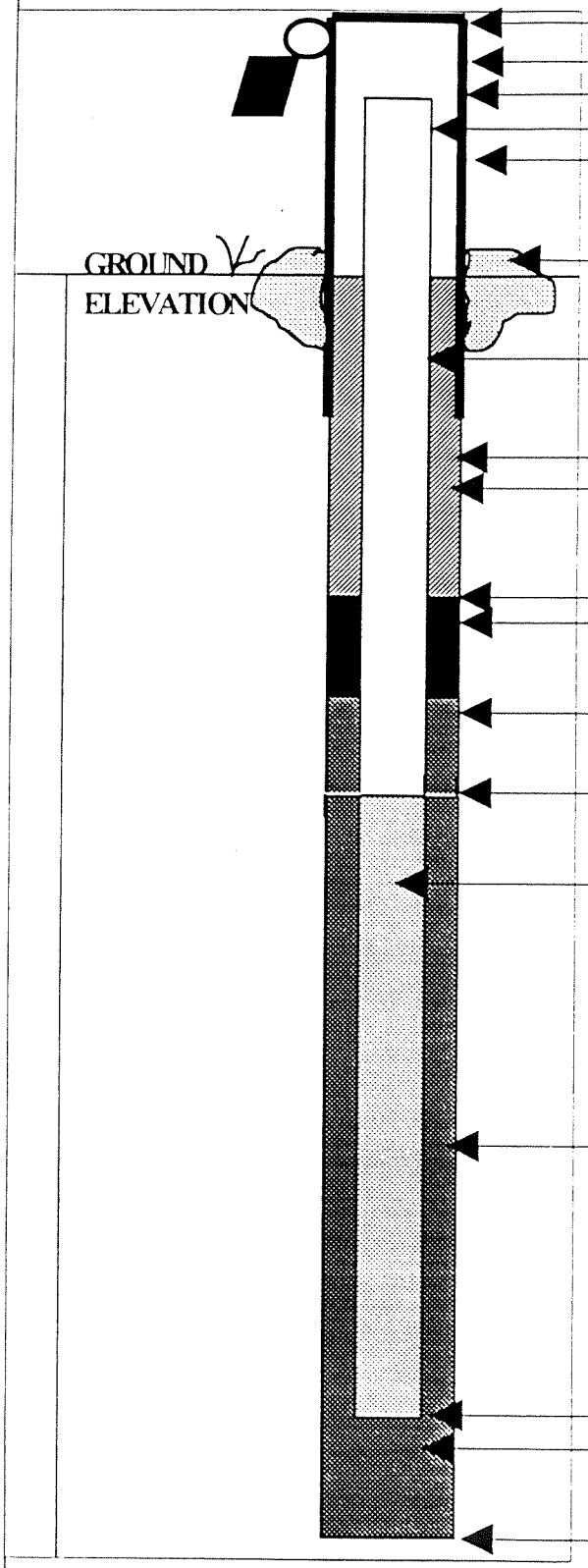
TYPE OF BACKFILL BELOW OBSERVATION WELL: [illegible]

ELEVATION / DEPTH OF HOLE: 134.30

BORING NO 15A

OVERBURDEN MONITORING WELL SHEET

PROJECT	NTC Orlando	LOCATION:	Well #15-A	DRILLER	EQI
PROJECT NO.	7457	BORING	OLD-042-15A	METHOD:	DPT
ELEVATION	—	DATE	6-8-98	DRILLING	HSA
FIELD GEOLOGIST	Tom Nicotera			DEVELOPMENT:	NA



ELEVATION OF TOP OF SURFACE CASING: N/A

ELEVATION OF TOP OF RISER PIPE: N/A

STICK-UP TOP OF SURFACE CASING: N/A

STICK-UP RISER PIPE: N/A

I.D. OF SURFACE CASING: N/A

TYPE OF SURFACE CASING: Flush mounted 8" manhole bolt down cover

TYPE OF SURFACE SEAL: concrete pad

RISER PIPE I.D.: 2"

TYPE OF RISER PIPE: PVC

BOREHOLE DIAMETER: 10"

TYPE OF SEAL: Neat cement Grout

ELEVATION / DEPTH OF SEAL: 11.0'

TYPE OS SEAL: 2' - 30/65 FineSand Sand

DEPTH TOP OF SAND PACK: 3.0'

ELEVATION / DEPTH TOP OF SCREEN: 15.0'

TYPE OF SCREEN: PVC

SLOT SIZE X LENGTH: 0.010 X 10'

I.D. OF SCREEN: 2"

TYPE OF SAND PACK: 20/30 Sand

ELEVATION / DEPTHBOTTOM OF SCREEN: 115.0'

ELEVATION / DEPTH BOTTOM OF SAND PACK: 115.5'

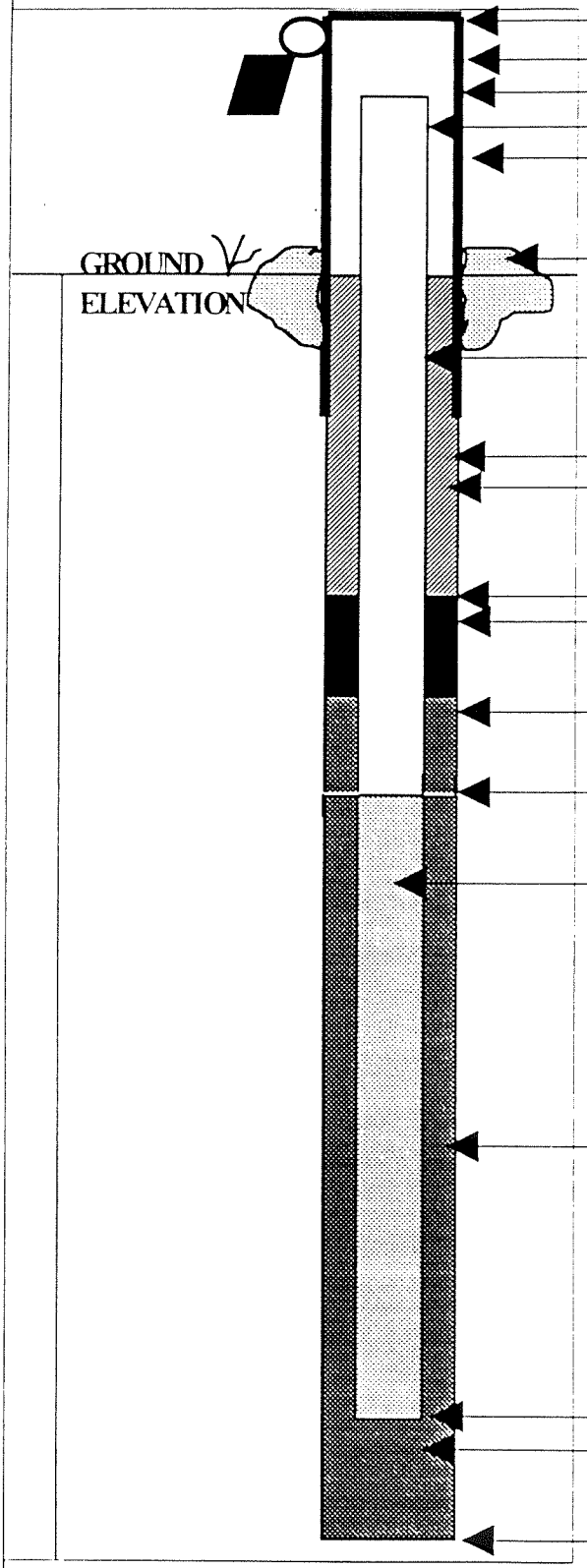
TYPE OF BACKFILL BELOW OBSERVATION WELL: Silica Sand

ELEVATION / DEPTH OF HOLE: 115.5'

BORING NO. 15B

OVERBURDEN MONITORING WELL SHEET

PROJECT	NTC Orlando	LOCATION:	Well # 15-B	DRILLER	GPT
PROJECT NO.	7457	BORING	OLD-OU2-15B	METHOD:	DPT
ELEVATION	N/A	DATE	6-8-98	DRILLING	HSA
FIELD GEOLOGIST	Tom Nicotra			DEVELOPMENT:	NA



ELEVATION OF TOP OF SURFACE CASING: N/A

ELEVATION OF TOP OF RISER PIPE: N/A

STICK -UP TOP OF SURFACE CASING: N/A

STICK-UP RISER PIPE: N/A

I.D. OF SURFACE CASING: N/A

TYPE OF SURFACE CASING: Flush mounted 8" manhole cover

TYPE OF SURFACE SEAL: concrete pad

RISER PIPE I.D.: 2"

TYPE OF RISER PIPE: PVC

BOREHOLE DIAMETER: 10"

TYPE OF SEAL: 2' Bentonite Seal. Then neat Cement Grout to the surface.

ELEVATION / DEPTH OF SEAL: 129.0'

TYPE OS SEAL: 2'-30/65 Fine Sand Seal 1'- bentonite pellets

DEPTH TOP OF SAND PACK: 320'

ELEVATION / DEPTH TOP OF SCREEN: 135.0'

TYPE OF SCREEN: PVC Sch. 40

SLOT SIZE X LENGTH: 0.010 X 10'

I.D. OF SCREEN: 2"

TYPE OF SAND PACK: 20/30 Sand

ELEVATION / DEPTHBOTTOM OF SCREEN: 140.0'

ELEVATION / DEPTH BOTTOM OF SAND PACK: 140.5'

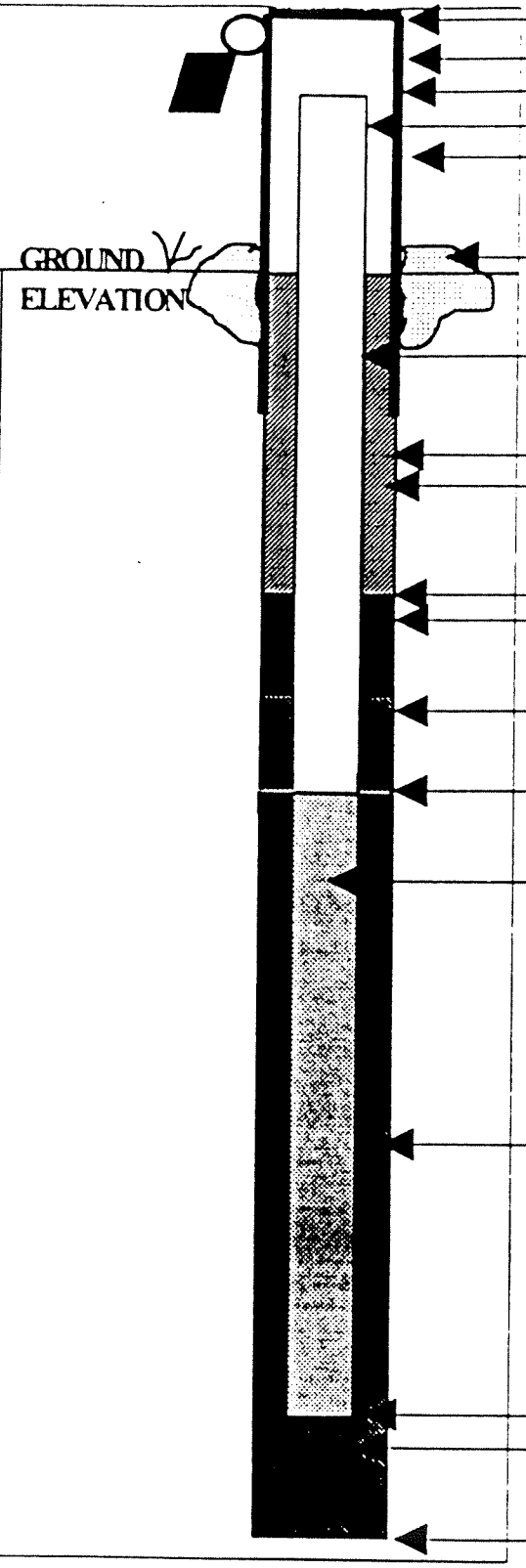
TYPE OF BACKFILL BELOW OBSERVATION WELL: Silica sand

ELEVATION / DEPTH OF HOLE: 140.5'

BORING NO 16A

OVERBURDEN MONITORING WELL SHEET

PROJECT	NTC - Orlando	LOCATION	McCoy Annex	DRILLER	GPI
PROJECT NO.	7457	BORING	OAD-043-16A	METHOD	DPT
ELEVATION	N/A	DATE	12/7/98	DRILLING	HSA
FIELD GEOLOGIST	BB			DEVELOPMENT	NA



ELEVATION OF TOP OF SURFACE CASING: N/A

ELEVATION OF TOP OF RISER PIPE: N/A

STICK-UP TOP OF SURFACE CASING: N/A

STICK-UP RISER PIPE: N/A

I.D. OF SURFACE CASING: N/A

TYPE OF SURFACE CASING: N/A

TYPE OF SURFACE SEAL: concrete pad

RISER PIPE I.D.: 2"

TYPE OF RISER PIPE: Sch 40 PVC

BOREHOLE DIAMETER: 10"

TYPE OF SEAL: bentonite/cement grout

ELEVATION / DEPTH OF SEAL: 1.98

TYPE OS SEAL: 30/65 fine silica sand

DEPTH TOP OF SAND PACK: 2.98

ELEVATION / DEPTH TOP OF SCREEN: 13.98

TYPE OF SCREEN: Sch 40 PVC

SLOT SIZE X LENGTH: 0.01 x 10'

I.D. OF SCREEN: 2"

TYPE OF SAND PACK: 20/30 silica sand

ELEVATION / DEPTHBOTTOM OF SCREEN: 13.98

ELEVATION / DEPTH BOTTOM OF SAND PACK: 14.48

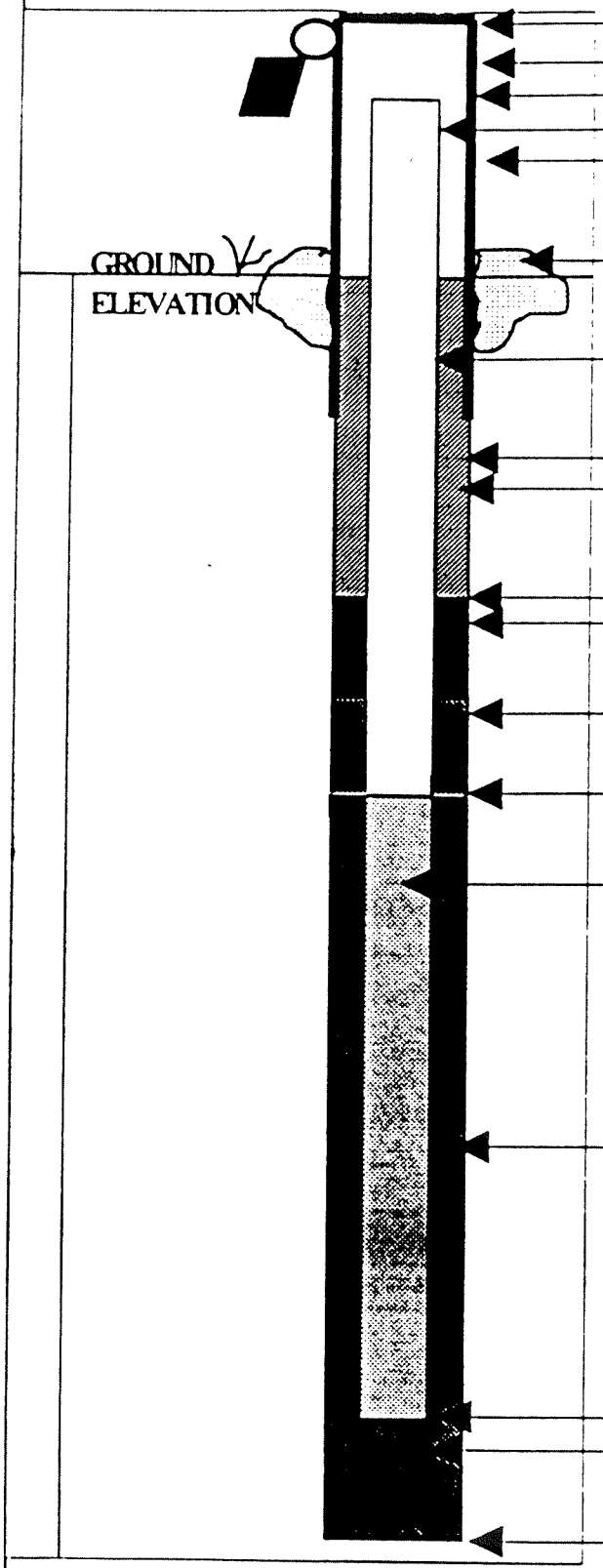
TYPE OF BACKFILL BELOW OBSERVATION WELL: silica sand

ELEVATION / DEPTH OF HOLE: 14.48

BORING NO 16D

OVERBURDEN MONITORING WELL SHEET

PROJECT	NTC - Orlando	LOCATION	McCoy Annex	DRILLER	GTI
PROJECT NO.	7457	BORING	OLD-042-16B	METHOD:	DPT
ELEVATION	N/A	DATE	6/7/98	DRILLING	HSA
FIELD GEOLOGIST	GH			DEVELOPMENT:	NA



ELEVATION OF TOP OF SURFACE CASING: N/A

ELEVATION OF TOP OF RISER PIPE: N/A

STICK -UP TOP OF SURFACE CASING: N/A

STICK-UP RISER PIPE: N/A

I.D. OF SURFACE CASING: N/A

TYPE OF SURFACE CASING: N/A

TYPE OF SURFACE SEAL: concrete pad

RISER PIPE I.D.: 2"

TYPE OF RISER PIPE: Sch 40 PVC

BOREHOLE DIAMETER: 10"

TYPE OF SEAL: bentonite/cement grout slurry

ELEVATION / DEPTH OF SEAL: 136.32

TYPE OS SEAL: 2' - 30/65 fine silica sand, 1' - bentonite pellets

DEPTH TOP OF SAND PACK: 29.32

ELEVATION / DEPTH TOP OF SCREEN: 131.32

TYPE OF SCREEN: Sch 40 PVC

SLOT SIZE X LENGTH: 0.01 x 5

I.D. OF SCREEN: 2"

TYPE OF SAND PACK: 20/30 silica sand

ELEVATION / DEPTHBOTTOM OF SCREEN: 136.32

ELEVATION / DEPTH BOTTOM OF SAND PACK: 136.32

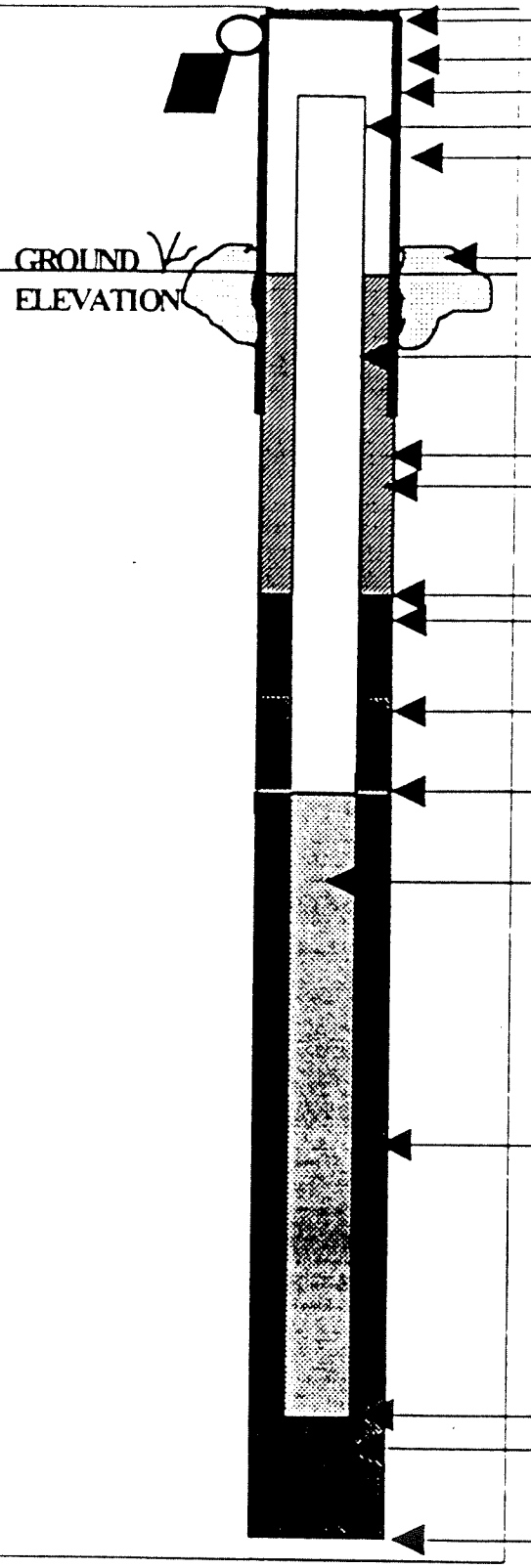
TYPE OF BACKFILL BELOW OBSERVATION WELL: silica sand

ELEVATION / DEPTH OF HOLE: 136.82

BORING NO 17A

OVERBURDEN MONITORING WELL SHEET

PROJECT	NTC - Orlando	LOCATION	McCoy Annex	DRILLER	GP 1
PROJECT NO.	7457	BORING	OLD-OW3-17A	METHOD:	DPT
ELEVATION	N/A	DATE	6/17/98	DRILLING	HSA
FIELD GEOLOGIST	GB			DEVELOPMENT:	NA



ELEVATION OF TOP OF SURFACE CASING: N/A

ELEVATION OF TOP OF RISER PIPE: N/A

STICK -UP TOP OF SURFACE CASING: N/A

STICK-UP RISER PIPE: N/A

I.D. OF SURFACE CASING: N/A

TYPE OF SURFACE CASING: N/A

TYPE OF SURFACE SEAL: concrete pad

RISER PIPE I.D.: 2"

TYPE OF RISER PIPE: Sch 40 PVC

BOREHOLE DIAMETER: 10"

TYPE OF SEAL: bentonite / cement grout

ELEVATION / DEPTH OF SEAL: 1 / 1.98

TYPE OS SEAL: 30/65 fine silica sand

DEPTH TOP OF SAND PACK: 2.98

ELEVATION / DEPTH TOP OF SCREEN: 13.98

TYPE OF SCREEN: Sch 40 PVC

SLOT SIZE X LENGTH: 0.01 X 10'

I.D. OF SCREEN: 2"

TYPE OF SAND PACK: 20/30 silica sand

ELEVATION / DEPTHBOTTOM OF SCREEN: 1 13.98

ELEVATION / DEPTH BOTTOM OF SAND PACK: 1 14.48

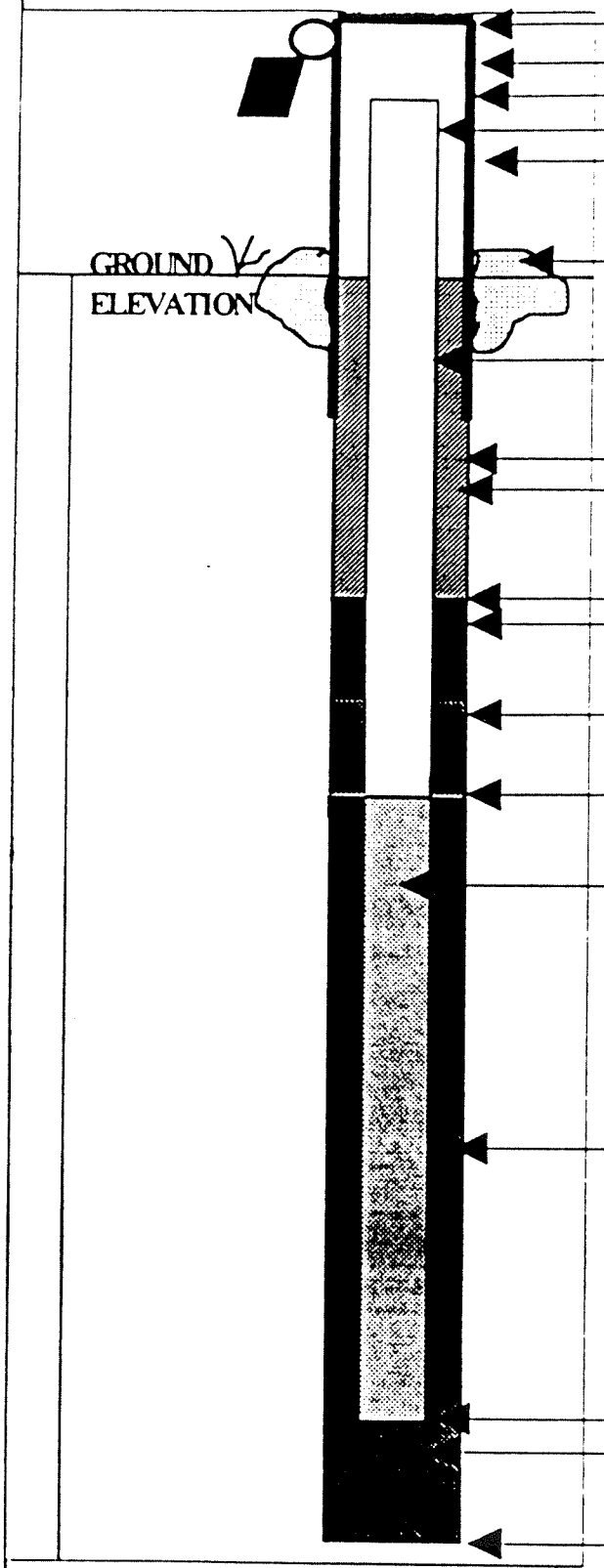
TYPE OF BACKFILL BELOW OBSERVATION WELL: Silica Sand

ELEVATION / DEPTH OF HOLE: 1 14.48

BORING NO 17B

OVERBURDEN MONITORING WELL SHEET

PROJECT	NTC Orlando	LOCATION	McCoy Annex	DRILLER	GPI
PROJECT NO	7457	BORING	0-D-042-17B	METHOD: DPT	
ELEVATION	N/A	DATE	6/17/97	DRILLING	HSA
FIELD GEOLOGIST	CB			DEVELOPMENT: NA	



ELEVATION OF TOP OF SURFACE CASING: N/A

ELEVATION OF TOP OF RISER PIPE: N/A

STICK -UP TOP OF SURFACE CASING: N/A

STICK-UP RISER PIPE: N/A

I.D. OF SURFACE CASING: N/A

TYPE OF SURFACE CASING: N/A

TYPE OF SURFACE SEAL: concrete pad.

RISER PIPE I.D.: 2"

TYPE OF RISER PIPE: Sch 40 PVC

BOREHOLE DIAMETER: 10"

TYPE OF SEAL: bentonite/cement grout slurry

ELEVATION / DEPTH OF SEAL: 124.02

TYPE OS SEAL: 2' - 30/65 fine silica sand, 1' - bentonite pellets

DEPTH TOP OF SAND PACK: 27.02

ELEVATION / DEPTH TOP OF SCREEN: 129.02

TYPE OF SCREEN: Sch 40 PVC

SLOT SIZE X LENGTH: 0.01 x 5'

I.D. OF SCREEN: 2"

TYPE OF SAND PACK: 20/30 silica sand

ELEVATION / DEPTHBOTTOM OF SCREEN: 134.02

ELEVATION / DEPTH BOTTOM OF SAND PACK: 134.52

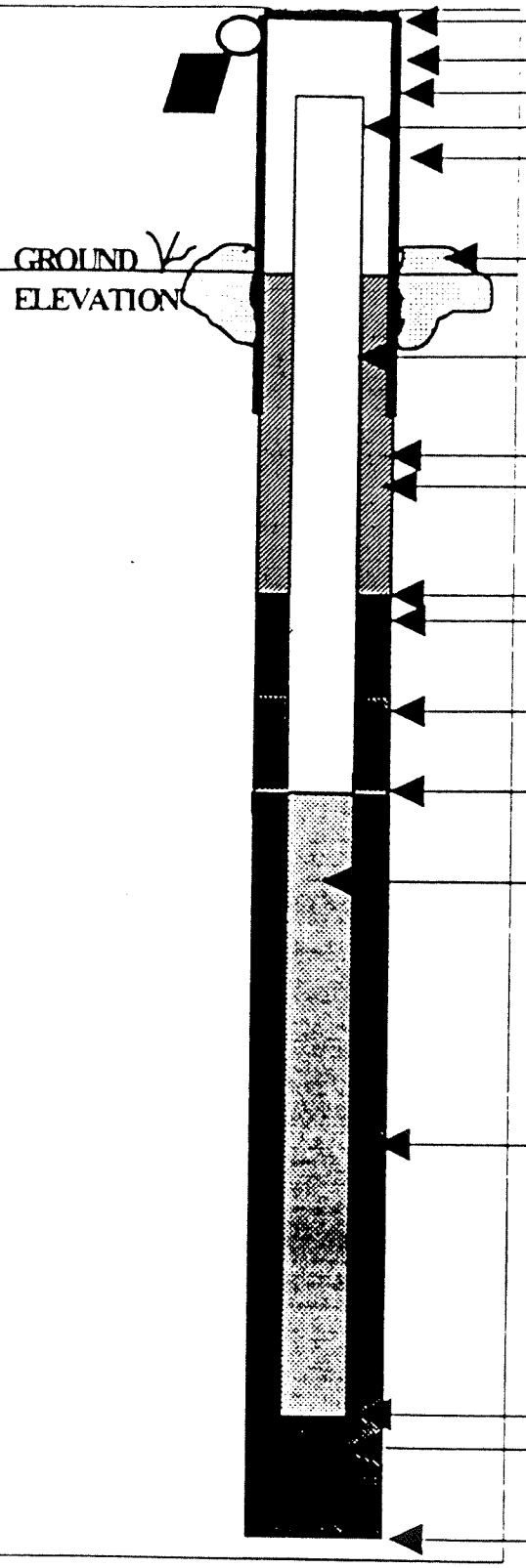
TYPE OF BACKFILL BELOW OBSERVATION WELL: silica sand

ELEVATION / DEPTH OF HOLE: 134.52

BORING NO 18A

OVERBURDEN MONITORING WELL SHEET

PROJECT	NTC-Orlando	LOCATION	McCoy Annex	DRILLER	GPI
PROJECT NO.	7457	BORING	OLD-OW2-18A	METHOD:	DPT
ELEVATION	N/A	DATE	6/15/98	DRILLING	HSA
FIELD GEOLOGIST	GB			DEVELOPMENT	NA



ELEVATION OF TOP OF SURFACE CASING: N/A

ELEVATION OF TOP OF RISER PIPE: N/A

STICK -UP TOP OF SURFACE CASING: N/A

STICK-UP RISER PIPE: N/A

I.D. OF SURFACE CASING: N/A

TYPE OF SURFACE CASING: flush mounted 8" man hole cover.

TYPE OF SURFACE SEAL: concrete pad

RISER PIPE I.D.: 2"

TYPE OF RISER PIPE: Sch 40 PVC

BOREHOLE DIAMETER: 10"

TYPE OF SEAL: bentonite/cement grout slurry.

ELEVATION / DEPTH OF SEAL: 11.50

TYPE OS SEAL: 30/65 fine silica sand.

DEPTH TOP OF SAND PACK: 2.50

ELEVATION / DEPTH TOP OF SCREEN: 14.50

TYPE OF SCREEN: Sch 40 PVC

SLOT SIZE X LENGTH: 0.01 x 10'

I.D. OF SCREEN: 2"

TYPE OF SAND PACK: 20/30 silica Sand.

ELEVATION / DEPTHBOTTOM OF SCREEN: 14.00

ELEVATION / DEPTH BOTTOM OF SAND PACK: 14.50

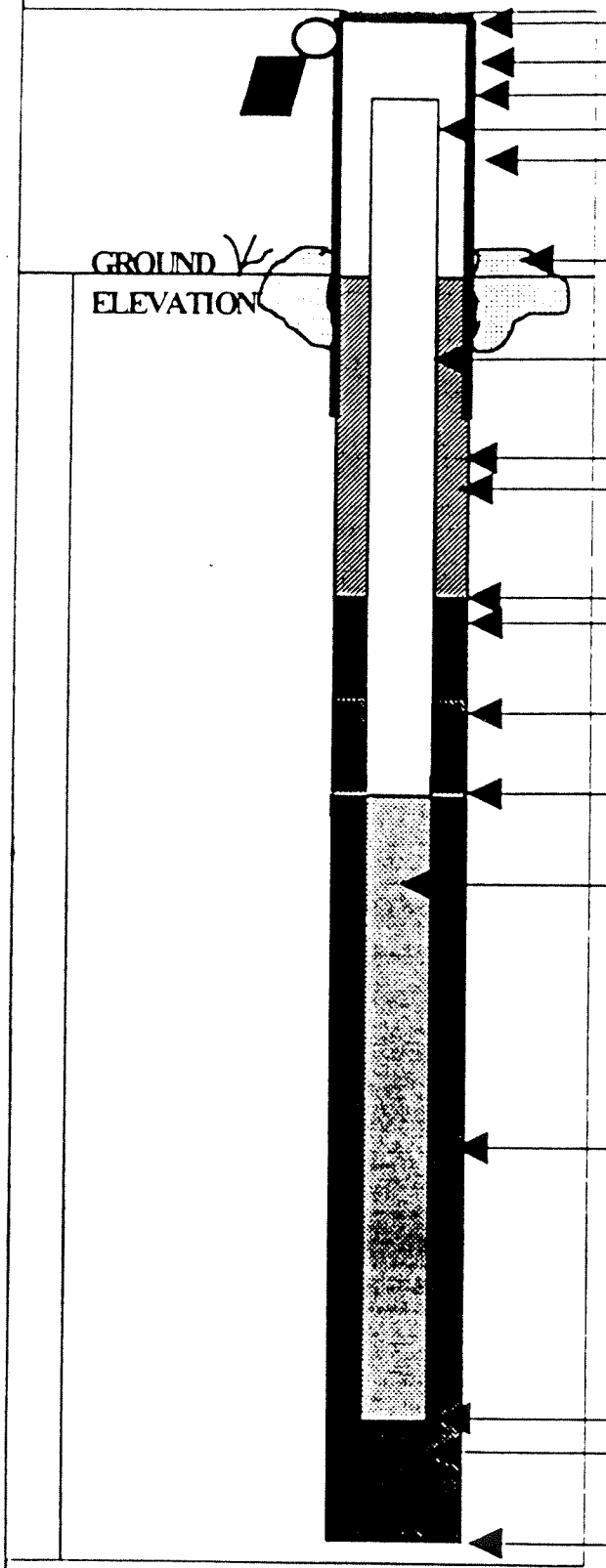
TYPE OF BACKFILL BELOW OBSERVATION WELL: Silica Sand.

ELEVATION / DEPTH OF HOLE: 14.50

BORING NO 18B

OVERBURDEN MONITORING WELL SHEET

PROJECT	NTC - Orlando	LOCATION	McCoy Annex	DRILLER	GPI
PROJECT NO.	7457	BORING	OLD-002 - 18B	METHOD:	DPT
ELEVATION	N/A	DATE	6/18/98	DRILLING	HSA
FIELD GEOLOGIST	KB			DEVELOPMENT:	NA



ELEVATION OF TOP OF SURFACE CASING: N/A

ELEVATION OF TOP OF RISER PIPE: N/A

STICK -UP TOP OF SURFACE CASING: N/A

STICK-UP RISER PIPE: N/A

I.D. OF SURFACE CASING: N/A

TYPE OF SURFACE CASING: Flush mounted 8" - manhole cover

TYPE OF SURFACE SEAL: concrete grout

RISER PIPE I.D.: 2"

TYPE OF RISER PIPE: Sch 40 PVC

BOREHOLE DIAMETER: 10"

TYPE OF SEAL: bentonite / cement grout slurry.

ELEVATION / DEPTH OF SEAL: 123.62

TYPE OS SEAL: 2' - 30/65 fine silica sand, 1' - bentonite pellets

DEPTH TOP OF SAND PACK: 26.62

ELEVATION / DEPTH TOP OF SCREEN: 128.62

TYPE OF SCREEN: Sch 40 PVC

SLOT SIZE X LENGTH: 0.01 x 5'

I.D. OF SCREEN: 2"

TYPE OF SAND PACK: 20/30 silica sand

ELEVATION / DEPTHBOTTOM OF SCREEN: 133.62

ELEVATION / DEPTH BOTTOM OF SAND PACK: 134.12

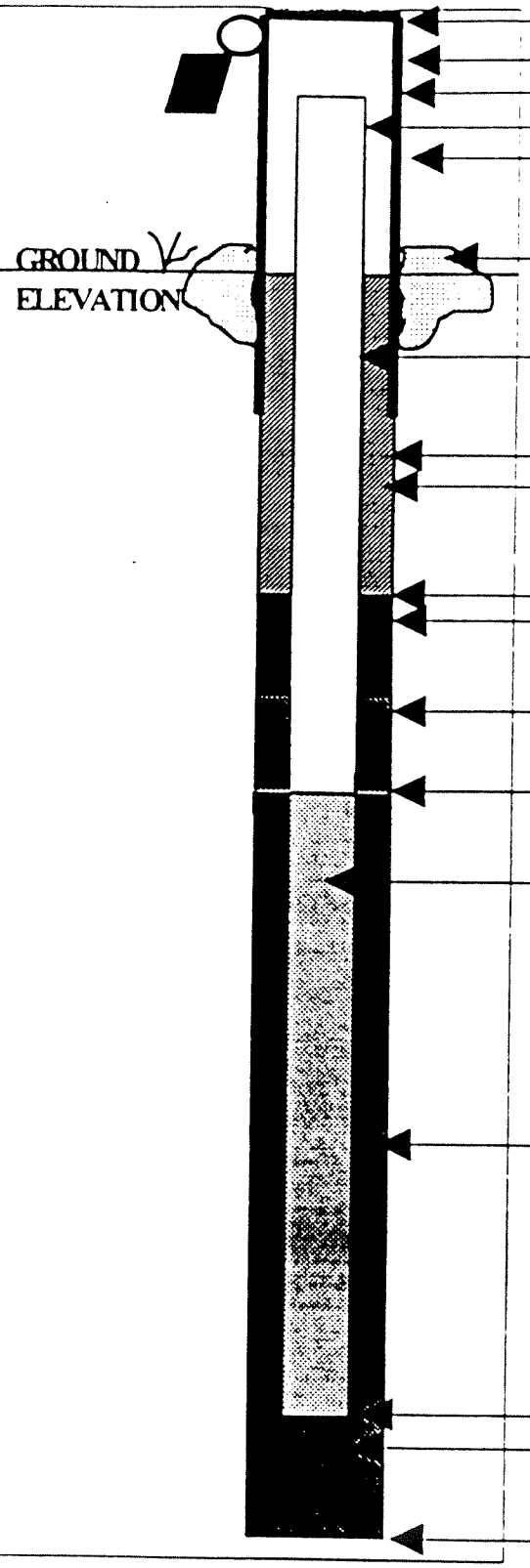
TYPE OF BACKFILL BELOW OBSERVATION WELL: Silica sand.

ELEVATION / DEPTH OF HOLE: 134.12

BORING NO 19A

OVERBURDEN MONITORING WELL SHEET

PROJECT	NTC - Orlando	LOCATION	McCoy Annex	DRILLER	GPI
PROJECT NO.	7457	BORING	OLD-OW2-19A	METHOD	DPT
ELEVATION	N/A	DATE	2/20/98	DRILLING	HSA
FIELD GEOLOGIST	GB			DEVELOPMENT	NA



ELEVATION OF TOP OF SURFACE CASING: N/A

ELEVATION OF TOP OF RISER PIPE: N/A

STICK -UP TOP OF SURFACE CASING: N/A

STICK-UP RISER PIPE: N/A

I.D. OF SURFACE CASING: N/A

TYPE OF SURFACE CASING: Flush mounted 8" manhole

TYPE OF SURFACE SEAL: concrete pad

RISER PIPE I.D.: 2"

TYPE OF RISER PIPE: Sch 40 PVC

BOREHOLE DIAMETER: 10"

TYPE OF SEAL: bentonite/cement grout slurry

ELEVATION / DEPTH OF SEAL: 11.31

TYPE OS SEAL: 30/65 silica sand

DEPTH TOP OF SAND PACK: 2.31

ELEVATION / DEPTH TOP OF SCREEN: 14.31

TYPE OF SCREEN: Sch 40 PVC

SLOT SIZE X LENGTH: 0.01 X 10'

I.D. OF SCREEN: 2"

TYPE OF SAND PACK: 20/30 Silica Sand

ELEVATION / DEPTHBOTTOM OF SCREEN: 14.31

ELEVATION / DEPTH BOTTOM OF SAND PACK: 14.81

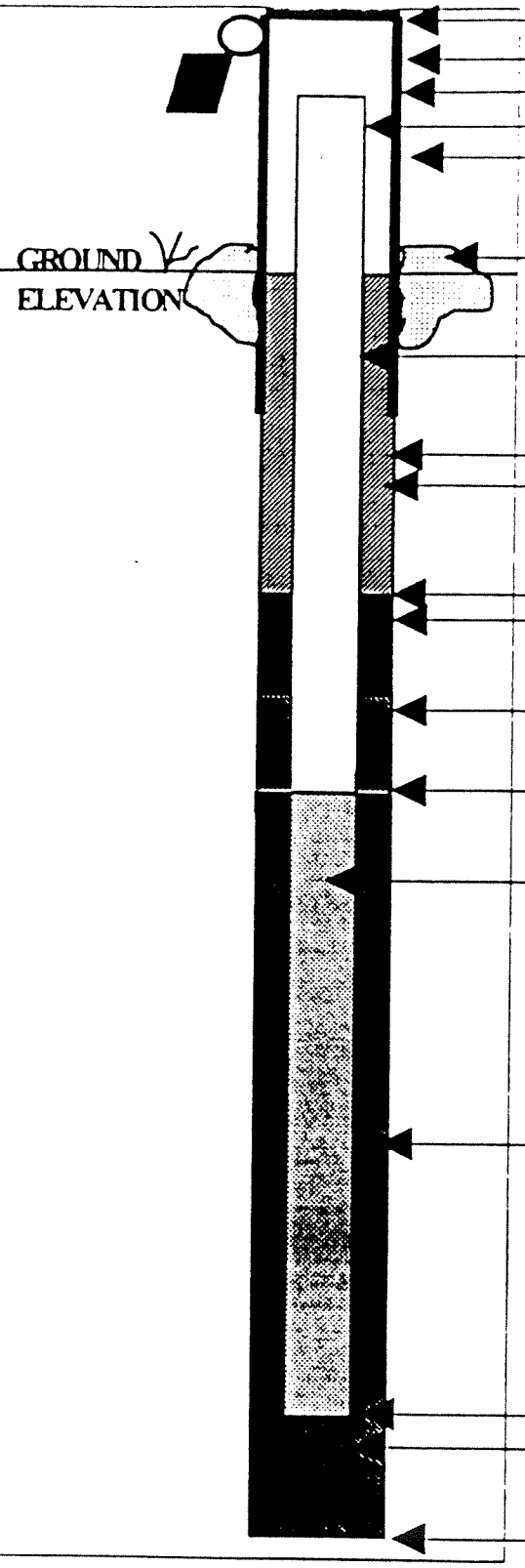
TYPE OF BACKFILL BELOW OBSERVATION WELL: Silica sand

ELEVATION / DEPTH OF HOLE: 14.81

BORING NO 19D

OVERBURDEN MONITORING WELL SHEET

PROJECT	NTC Orlando	LOCATION	McCoy Annex	DRILLER	GPI
PROJECT NO	7457	BORING	OLD-042-19B	METHOD	DPT
ELEVATION	N/A	DATE	6/29/98	DRILLING	HSA
FIELD GEOLOGIST	RB			DEVELOPMENT	NA



ELEVATION OF TOP OF SURFACE CASING: N/A

ELEVATION OF TOP OF RISER PIPE: N/A

STICK-UP TOP OF SURFACE CASING: N/A

STICK-UP RISER PIPE: N/A

I.D. OF SURFACE CASING: N/A

TYPE OF SURFACE CASING: flush mounted 8" - manhole cover (bolt down

TYPE OF SURFACE SEAL: concrete pad

RISER PIPE I.D.: 2"

TYPE OF RISER PIPE: Sch 40 PVC

BOREHOLE DIAMETER: 10"

TYPE OF SEAL: bentonite / cement grout slurry

ELEVATION / DEPTH OF SEAL: 126.11

TYPE OS SEAL: 2' - 30/65 fine silica sand, 1' - bentonite pellets

DEPTH TOP OF SAND PACK: 29.11

ELEVATION / DEPTH TOP OF SCREEN: 131.11

TYPE OF SCREEN: Sch 40 PVC

SLOT SIZE X LENGTH: 0.01 X 5'

I.D. OF SCREEN: 2"

TYPE OF SAND PACK: 20/30 silica sand

ELEVATION / DEPTHBOTTOM OF SCREEN: 136.11

ELEVATION / DEPTH BOTTOM OF SAND PACK: 136.61

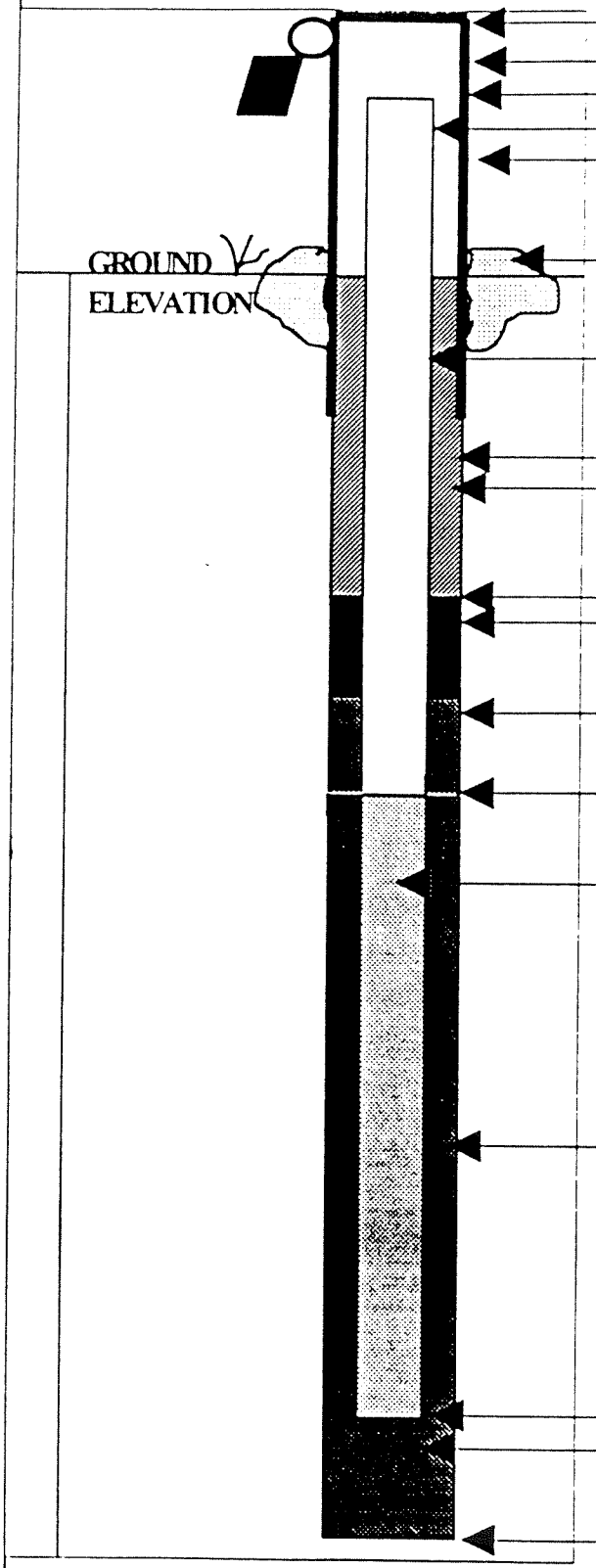
TYPE OF BACKFILL BELOW OBSERVATION WELL: silica sand

ELEVATION / DEPTH OF HOLE: 136.61

BORING NO 20A

OVERBURDEN MONITORING WELL SHEET

PROJECT	NTC Orlando	LOCATION	McCoy Annex	DRILLER	GPI
PROJECT NO.	7457	BORING	OLD-042-20A	METHOD	DPT
ELEVATION	N/A	DATE	6/24/98	DRILLING	HSA
FIELD GEOLOGIST	TN			DEVELOPMENT	NA



ELEVATION OF TOP OF SURFACE CASING: N/A

ELEVATION OF TOP OF RISER PIPE: NA

STICK -UP TOP OF SURFACE CASING: 3.0

STICK-UP RISER PIPE: 2.5

I.D. OF SURFACE CASING: 4"

TYPE OF SURFACE CASING: Steel

TYPE OF SURFACE SEAL: concrete pad

RISER PIPE I.D.: 2"

TYPE OF RISER PIPE: Sch 40 PVC

BOREHOLE DIAMETER: 10"

TYPE OF SEAL: Bentonite/cement grout slurry

ELEVATION / DEPTH OF SEAL: 12.2

TYPE OS SEAL: 20/65 Fine silica sand

DEPTH TOP OF SAND PACK: 3.22

ELEVATION / DEPTH TOP OF SCREEN: 15.22

TYPE OF SCREEN: Sch 40 PVC

SLOT SIZE X LENGTH: 0.010 x 10'

I.D. OF SCREEN: 2"

TYPE OF SAND PACK: 20/30 silica sand

ELEVATION / DEPTHBOTTOM OF SCREEN: 15.22

ELEVATION / DEPTH BOTTOM OF SAND PACK: 15.72

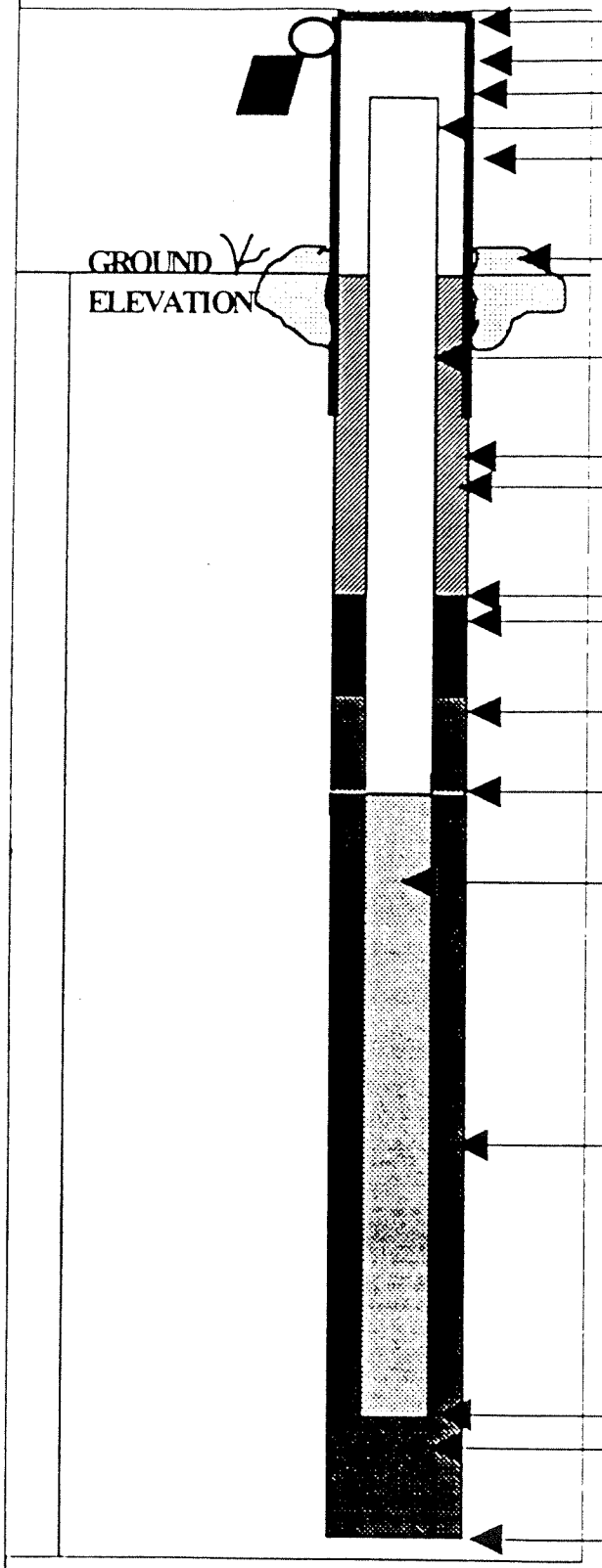
TYPE OF BACKFILL BELOW OBSERVATION WELL: Silica sand.

ELEVATION / DEPTH OF HOLE: 15.72

BORING NO 20B

OVERBURDEN MONITORING WELL SHEET

PROJECT	NTC Orlando	LOCATION	McCoy Annex	DRILLER	GFI
PROJECT NO.	7457	BORING	OLD-CU2-20B	METHOD: DPT	
ELEVATION	N/A	DATE	6/23/98	DRILLING	HSA
FIELD GEOLOGIST	TN			DEVELOPMENT	NA



ELEVATION OF TOP OF SURFACE CASING: N/A

ELEVATION OF TOP OF RISER PIPE: N/A

STICK-UP TOP OF SURFACE CASING: 3.0

STICK-UP RISER PIPE: 2.50

I.D. OF SURFACE CASING: 4"

TYPE OF SURFACE CASING: steel

TYPE OF SURFACE SEAL: 2x2'x1" concrete pad

RISER PIPE I.D.: 2"

TYPE OF RISER PIPE: Sch 40 PVC

BOREHOLE DIAMETER: 10"

TYPE OF SEAL: bentonite/cement grout slurry

ELEVATION / DEPTH OF SEAL: 130.12

TYPE OS SEAL: 2' of 30/65 Fine silica sand + 1' of bentonite pellets

DEPTH TOP OF SAND PACK: 33.12

ELEVATION / DEPTH TOP OF SCREEN: 135.12

TYPE OF SCREEN: Sch 40 PVC

SLOT SIZE X LENGTH: 0.010 x 5'

I.D. OF SCREEN: 2"

TYPE OF SAND PACK: 20/30 silica sand

ELEVATION / DEPTHBOTTOM OF SCREEN: 140.12

ELEVATION / DEPTH BOTTOM OF SAND PACK: 140.12

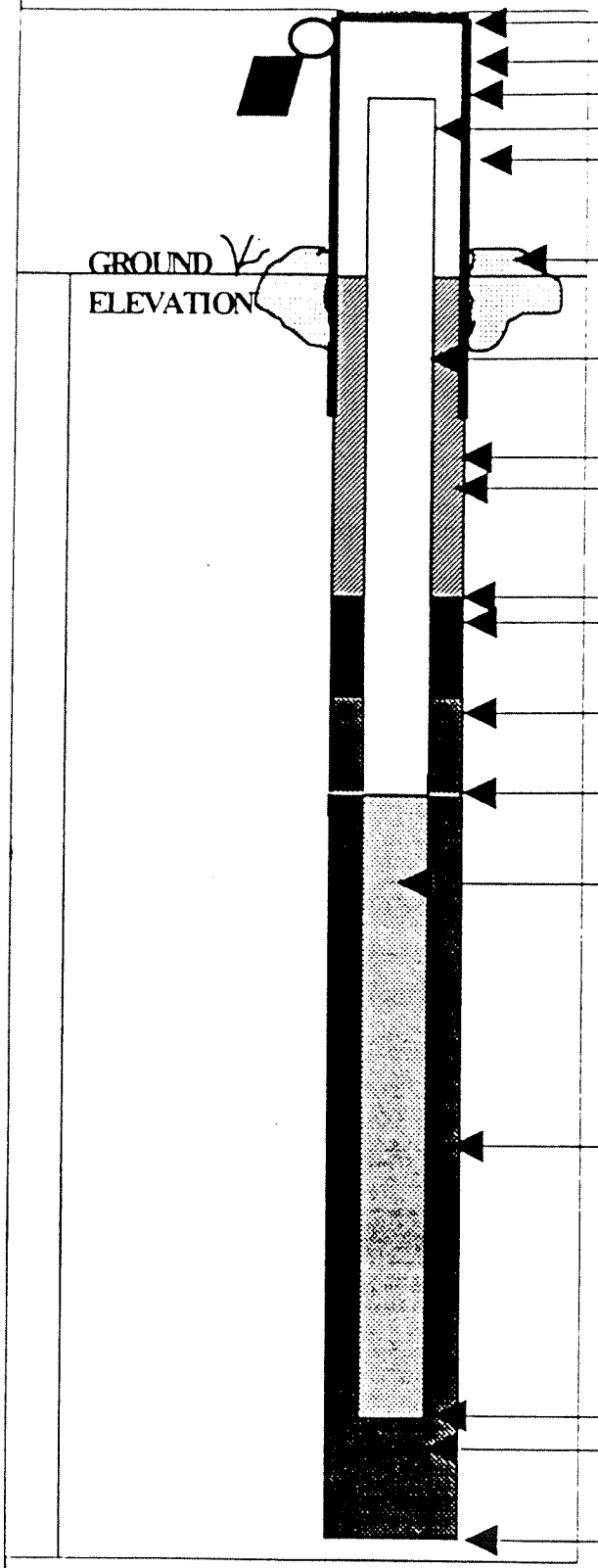
TYPE OF BACKFILL BELOW OBSERVATION WELL: Silica Sand

ELEVATION / DEPTH OF HOLE: 140.62

BORING NO 21A

OVERBURDEN MONITORING WELL SHEET

PROJECT	NTC-Orlando	LOCATION	McCoy Annex	DRILLER	GPI
PROJECT NO.	7457	BORING	OLD-OU2-21A	METHOD:	DPT
ELEVATION	N/A	DATE	6/22/99	DRILLING	11.5A
FIELD GEOLOGIST	GTB			DEVELOPMENT:	NA

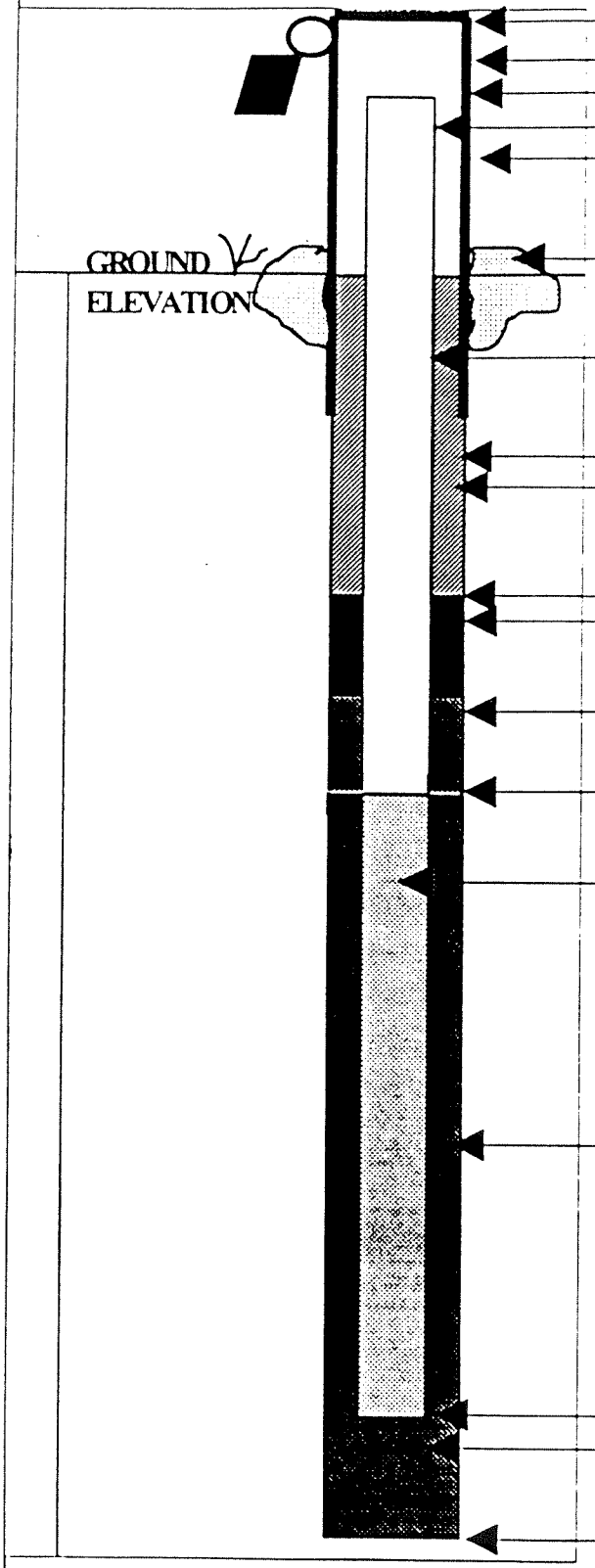


ELEVATION OF TOP OF SURFACE CASING	N/A
ELEVATION OF TOP OF RISER PIPE:	N/A
STICK-UP TOP OF SURFACE CASING:	3.0
STICK-UP RISER PIPE:	2.5
I.D. OF SURFACE CASING:	4"
TYPE OF SURFACE CASING:	steel
TYPE OF SURFACE SEAL:	2 x 2' x 6" concrete pad
RISER PIPE I.D.:	2"
TYPE OF RISER PIPE:	Sch 40 PVC
BOREHOLE DIAMETER:	10"
TYPE OF SEAL:	Bentonite/cement grout
ELEVATION / DEPTH OF SEAL:	12.75
TYPE OS SEAL:	30/65 Silica Sand
DEPTH TOP OF SAND PACK:	4.75
ELEVATION / DEPTH TOP OF SCREEN:	16.79
TYPE OF SCREEN:	Sch 40 PVC
SLOT SIZE X LENGTH:	0.010 x 10'
I.D. OF SCREEN:	2"
TYPE OF SAND PACK:	20/30 Silica Sand
ELEVATION / DEPTHBOTTOM OF SCREEN:	116.79
ELEVATION / DEPTH BOTTOM OF SAND PACK:	117.29
TYPE OF BACKFILL BELOW OBSERVATION WELL:	
ELEVATION / DEPTH OF HOLE:	117.21

BORING NO 21 B

OVERBURDEN MONITORING WELL SHEET

PROJECT	NTC Orlando	LOCATION	N. COE Fence	DRILLER	GPI
PROJECT NO.	7457	BORING	OLD-OU2-21B	METHOD	DPT
ELEVATION	—	DATE	6/22/98	DRILLING	HSA
FIELD GEOLOGIST	GB			DEVELOPMENT	NA



ELEVATION OF TOP OF SURFACE CASING: N/A

ELEVATION OF TOP OF RISER PIPE: N/A

STICK-UP TOP OF SURFACE CASING: 3.5

STICK-UP RISER PIPE: 2.5

I.D. OF SURFACE CASING: 4"

TYPE OF SURFACE CASING: steel

TYPE OF SURFACE SEAL: 2' x 2' x 6" concrete pad

RISER PIPE I.D.: 2"

TYPE OF RISER PIPE: Sch 40 PVC

BOREHOLE DIAMETER: 10"

TYPE OF SEAL: Bent/cmt grout slurry

ELEVATION / DEPTH OF SEAL: 1225'

TYPE OS SEAL: 2 ft 30/65 fine silica sand and 1' ft 100% bentonite pellets

DEPTH TOP OF SAND PACK: 25'

ELEVATION / DEPTH TOP OF SCREEN: 1275'

TYPE OF SCREEN: Sch 40 PVC

SLOT SIZE X LENGTH: 0.010 x 5'

I.D. OF SCREEN: 2"

TYPE OF SAND PACK: 20/30 silica sand

ELEVATION / DEPTHBOTTOM OF SCREEN: 1325'

ELEVATION / DEPTH BOTTOM OF SAND PACK: 1325'

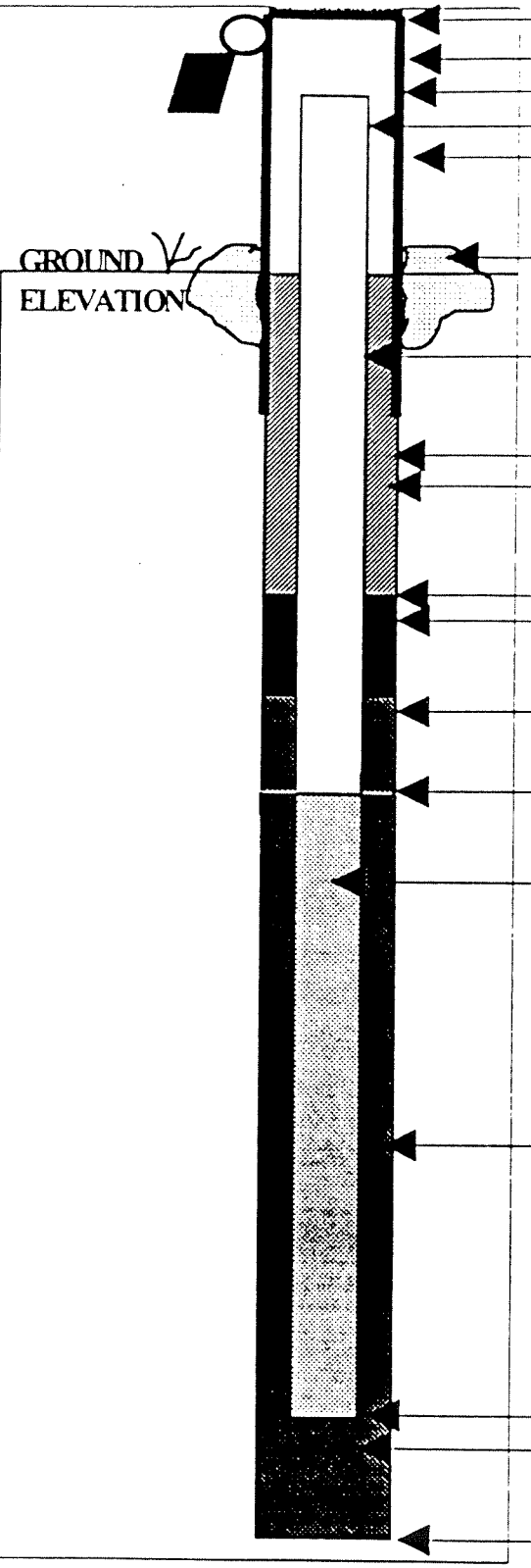
TYPE OF BACKFILL BELOW OBSERVATION WELL:

ELEVATION / DEPTH OF HOLE: 1325'

BORING NO 22A

OVERBURDEN MONITORING WELL SHEET

PROJECT	NTC Orlando	LOCATION	McCoy Annex	DRILLER	GPI
PROJECT NO.	7457	BORING	OLD-043-22A	METHOD:	DPT
ELEVATION	N.A	DATE	6/15/98	DRILLING	HSA
FIELD GEOLOGIST	GR			DEVELOPMENT	NA



ELEVATION OF TOP OF SURFACE CASING: N/A

ELEVATION OF TOP OF RISER PIPE: N/A

STICK-UP TOP OF SURFACE CASING: 3'

STICK-UP RISER PIPE: 2.5'

I.D. OF SURFACE CASING: 2"

TYPE OF SURFACE CASING: PVC

TYPE OF SURFACE SEAL: cement pad

RISER PIPE I.D.: 2"

TYPE OF RISER PIPE: Sch. 40 PVC

BOREHOLE DIAMETER:

TYPE OF SEAL: Type I Portland cement / Bentonite slurry

ELEVATION / DEPTH OF SEAL: 13.25

TYPE OS SEAL: 30/65 Fine Silica Sand

DEPTH TOP OF SAND PACK: 5.25

ELEVATION / DEPTH TOP OF SCREEN: 7.25

TYPE OF SCREEN: Schedule 40 PVC

SLOT SIZE X LENGTH: 0.010 x 10'

I.D. OF SCREEN: 2"

TYPE OF SAND PACK: 20/30 Silica Sand

ELEVATION / DEPTHBOTTOM OF SCREEN: 17.25

ELEVATION / DEPTH BOTTOM OF SAND PACK: 17.75

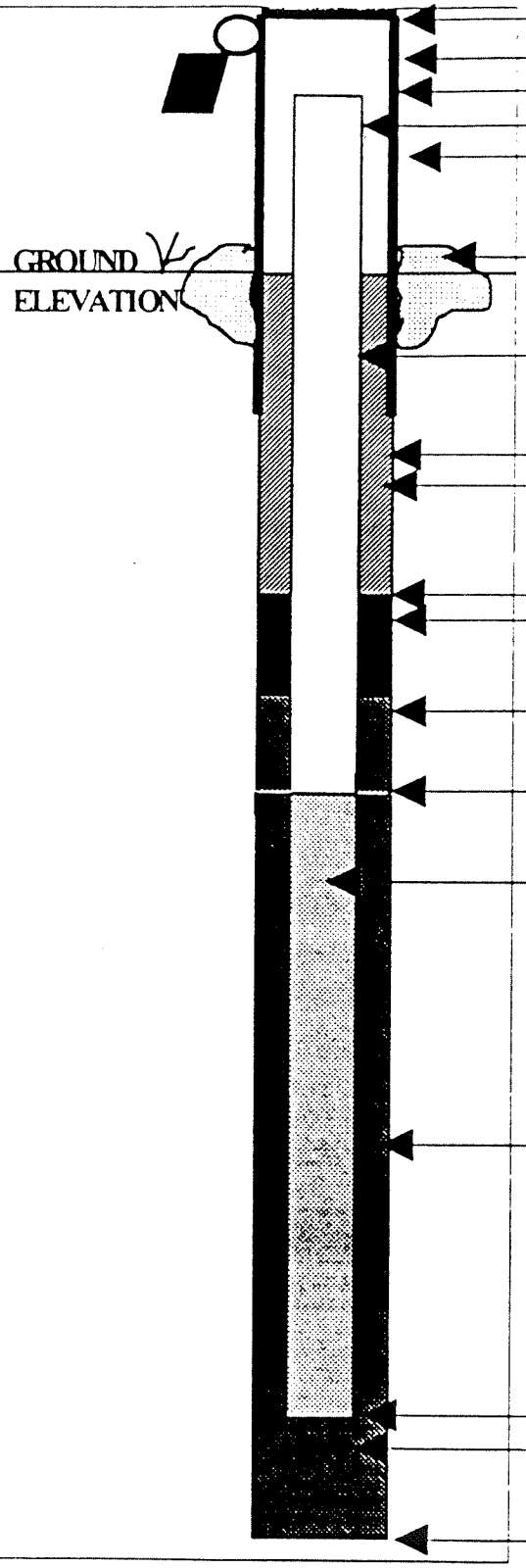
TYPE OF BACKFILL BELOW OBSERVATION WELL: Silica Sand

ELEVATION / DEPTH OF HOLE: 17.75

BORING NO 22B

OVERBURDEN MONITORING WELL SHEET

PROJECT	NTC - Orlando	LOCATION	McCoy Annex	DRILLER	GPI
PROJECT NO.	7459	BORING	OLD-OU2-22B	METHOD:	DPT
ELEVATION	N/A	DATE	6/15/98	DRILLING	HSA
FIELD GEOLOGIST	GB			DEVELOPMENT	NA



ELEVATION OF TOP OF SURFACE CASING: N/A

ELEVATION OF TOP OF RISER PIPE: N/A

STICK -UP TOP OF SURFACE CASING: 3.0'

STICK-UP RISER PIPE: 2.5'

I.D. OF SURFACE CASING: 4"

TYPE OF SURFACE CASING: Steel

TYPE OF SURFACE SEAL: 2' x 2' x 6" concrete pad

RISER PIPE I.D.: 2"

TYPE OF RISER PIPE: Sch. 40 PVC

BOREHOLE DIAMETER: 10"

TYPE OF SEAL: Bent/cement grouted slurry

ELEVATION / DEPTH OF SEAL: 122.0'

TYPE OS SEAL: 30/65 Fine silica sand - (1'+) 10% bentonite pellets.

DEPTH TOP OF SAND PACK: 25.0'

ELEVATION / DEPTH TOP OF SCREEN: 127.0'

TYPE OF SCREEN: Sch. 40 PVC

SLOT SIZE X LENGTH: 0.01 X 5'

I.D. OF SCREEN: 2"

TYPE OF SAND PACK: 20/30 silica sand

ELEVATION / DEPTHBOTTOM OF SCREEN: 132.0'

ELEVATION / DEPTH BOTTOM OF SAND PACK: 133.0'

TYPE OF BACKFILL BELOW OBSERVATION WELL: Silica sand.

ELEVATION / DEPTH OF HOLE: 133.0'

BORING NO : 23C

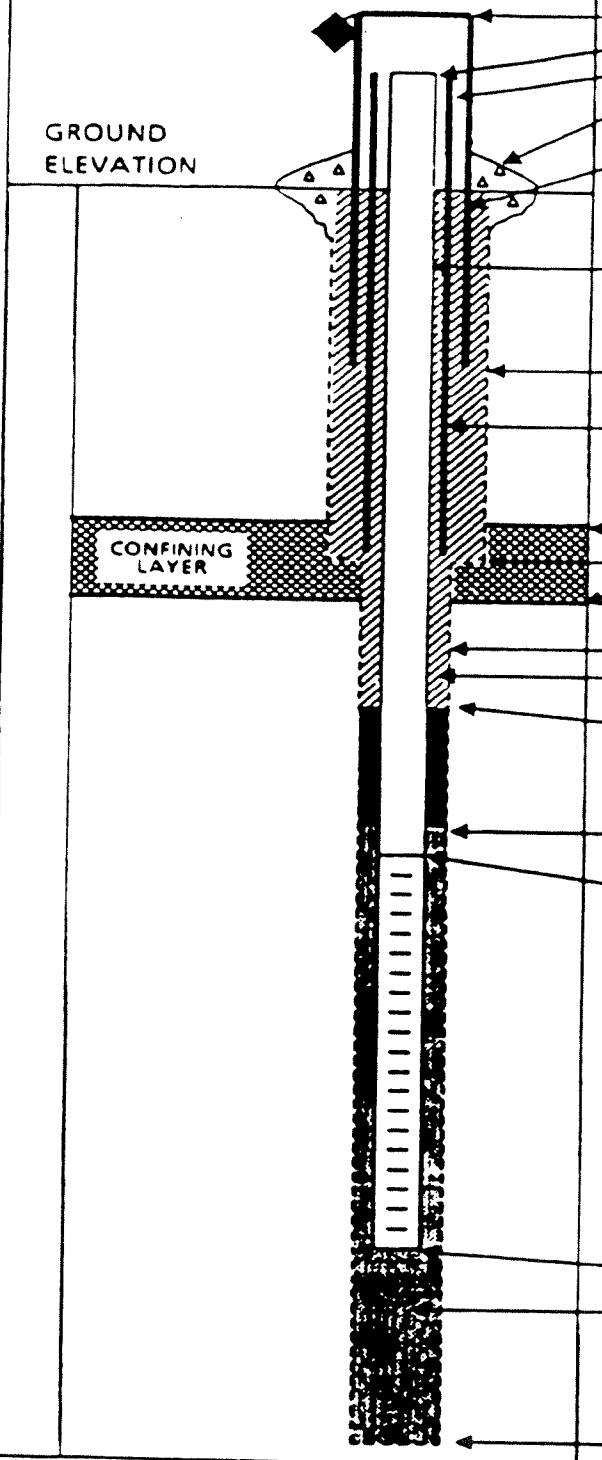
SOUTHNAVFAC

CONFINING LAYER
MONITORING WELL SHEET

PROJECT NTC Orlando
PROJECT NO. 7457
ELEVATION N/A
FIELD GEOLOGIST Tom Nicholson

LOCATION OLD-OU2-23C
BORING
DATE 6/24-25

DRILLER GPI
DRILLING METHOD HSA (Mud rotary)
DEVELOPMENT METHOD



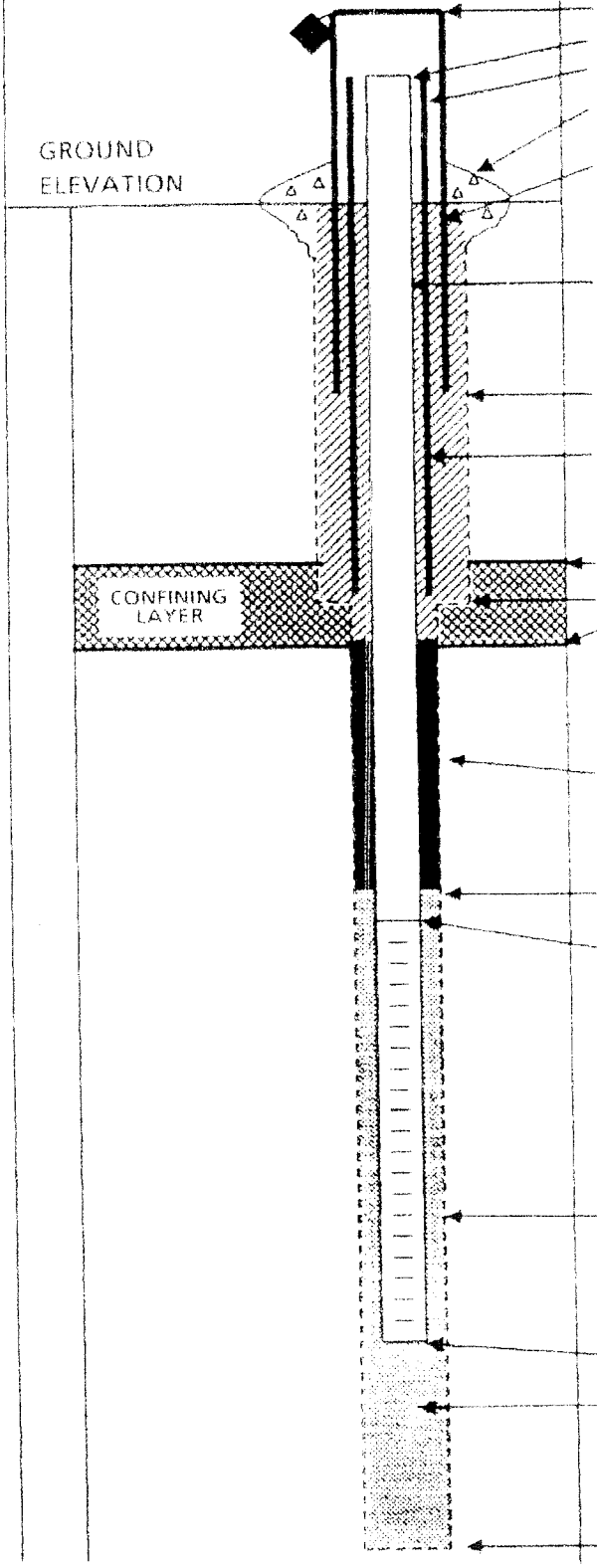
ELEVATION OF TOP OF SURFACE CASING : N/A
ELEVATION OF TOP OF RISER PIPE: N/A
ELEVATION TOP OF PERM. CASING: N/A
TYPE OF SURFACE SEAL: 3 x 3' x 6" cement pad
I.D. OF SURFACE CASING: 4"
TYPE OF SURFACE CASING: metal
RISER PIPE I.D. 2"
TYPE OF RISER PIPE: Sch 40 PVC
BOREHOLE DIAMETER: 10"
PERM. CASING I.D. 6"
TYPE OF CASING & BACKFILL: Sch 40 PVC
cement/bentonite slurry
ELEVATION / DEPTH TOP CONFINING LAYER: 28'
ELEVATION / DEPTH BOTTOM OF CASING: 31'
ELEVATION / DEPTH BOT. CONFINING LAYER: 48'
BOREHOLE DIA. BELOW CASING: 6"
TYPE OF BACKFILL: Portland cement (Type I) and bentonite slurry
ELEVATION / DEPTH TOP OF SEAL: 44.20
TYPE OF SEAL: 2' 30/65 fine silica sand & bentonite pellets
DEPTH TOP OF SAND PACK: 47.20
ELEVATION/DEPTH TOP OF SCREEN: 49.20
TYPE OF SCREEN: Sch 40 PVC
TYPE OF SAND PACK: 20/30 silica sand
ELEVATION / DEPTH BOTTOM OF SCREEN: 54.20
ELEVATION / DEPTH BOTTOM OF SAND PACK: 55.00
TYPE OF BACKFILL BELOW OBSERVATION WELL: 20/30 silica sand
ELEVATION / DEPTH OF HOLE: 55.00

BORING NO.

SOUTHNAVFAC

CONFINING LAYER
MONITORING WELL SHEET

PROJECT
PROJECT NO.
ELEVATION
FIELD GEOLOGIST
LOCATION
BORING
DATE
DRILLER
DRILLING METHOD
DEVELOPMENT METHOD



ELEVATION OF TOP OF SURFACE CASING:
ELEVATION OF TOP OF RISER PIPE:
ELEVATION TOP OF PERM. CASING:
TYPE OF SURFACE SEAL:
I.D. OF SURFACE CASING:
TYPE OF SURFACE CASING:
RISER PIPE I.D.
TYPE OF RISER PIPE:
BOREHOLE DIAMETER:
PERM. CASING I.D.
TYPE OF CASING & BACKFILL:
ELEVATION / DEPTH TOP CONFINING LAYER:
ELEVATION / DEPTH BOTTOM OF CASING:
ELEVATION / DEPTH BOT. CONFINING LAYER:
ELEVATION / DEPTH TOP OF SEAL:
TYPE OF SEAL:
DEPTH TOP OF SAND PACK:
ELEVATION/DEPTH TOP OF SCREEN:
TYPE OF SCREEN:
TYPE OF SAND PACK:
BOREHOLE DIA. BELOW CASING:
ELEVATION / DEPTH BOTTOM OF SCREEN:
ELEVATION / DEPTH BOTTOM OF SAND PACK:
TYPE OF BACKFILL BELOW OBSERVATION WELL:
ELEVATION / DEPTH OF HOLE:

BORING NO : 25C

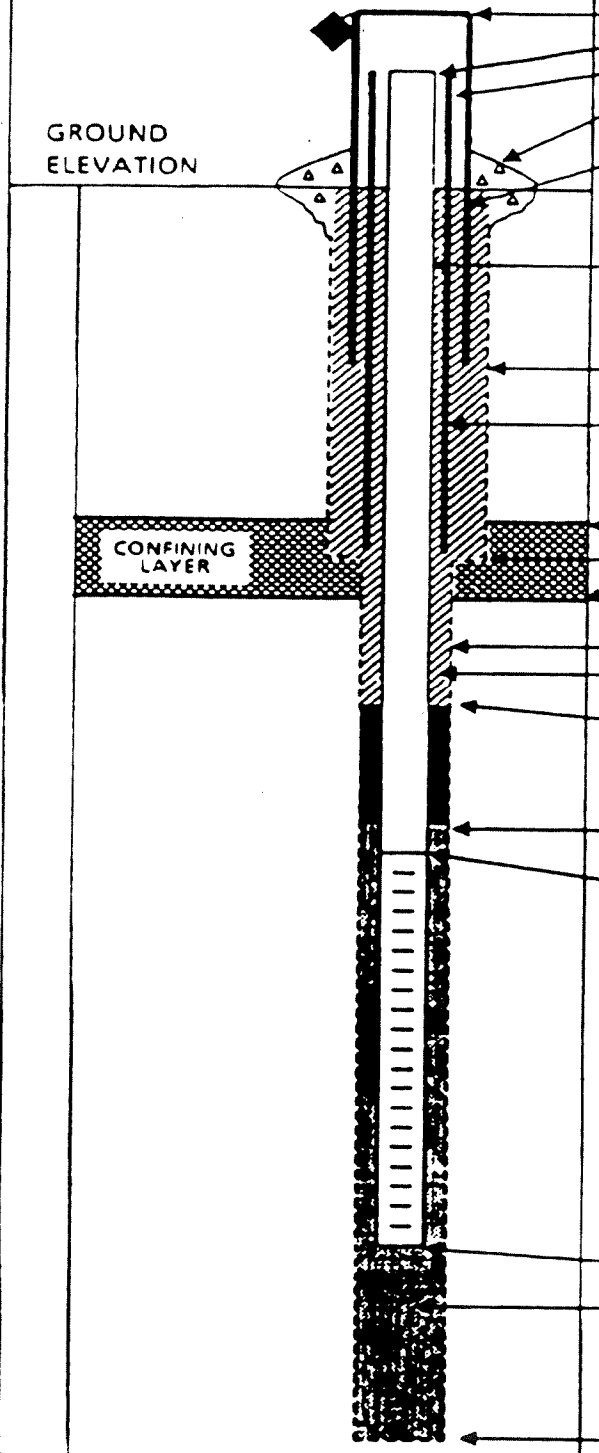
SOUTHNAVFAC

CONFINING LAYER MONITORING WELL SHEET

PROJECT NTC Orlando
PROJECT NO. 7457
ELEVATION N/A
FIELD GEOLOGIST Tom Nicolera

LOCATION OLD-042-25C
BORING 6/22+23
DATE

DRILLER Nick
DRILLING METHOD HSA, Mud rotary
DEVELOPMENT METHOD



ELEVATION OF TOP OF SURFACE CASING : N/A
ELEVATION OF TOP OF RISER PIPE: N/A
ELEVATION TOP OF PERM. CASING: N/A
TYPE OF SURFACE SEAL: 3'x3'x6" concrete pad
I.D. OF SURFACE CASING: 4"
TYPE OF SURFACE CASING: metal pipe

RISER PIPE I.D. 2"
TYPE OF RISER PIPE: Sch 40 PVC

BOREHOLE DIAMETER: 10"

PERM. CASING I.D. 6"
TYPE OF CASING & BACKFILL: Sch 40 PVC

ELEVATION / DEPTH TOP CONFINING LAYER: 33'
ELEVATION / DEPTH BOTTOM OF CASING: 36'
ELEVATION / DEPTH BOT. CONFINING LAYER: 54'

BOREHOLE DIA. BELOW CASING: 6"
TYPE OF BACKFILL: Type I Portland Cement/bentonite slurry

ELEVATION / DEPTH TOP OF SEAL: 63.53
TYPE OF SEAL: 2' 30/65 fine sand seal + 1' bentonite pellets

DEPTH TOP OF SAND PACK: 65.53

ELEVATION/DEPTH TOP OF SCREEN: 67.53
TYPE OF SCREEN: Sch 40 PVC

TYPE OF SAND PACK: 20/30 silica sand

ELEVATION / DEPTH BOTTOM OF SCREEN: 71.53

ELEVATION / DEPTH BOTTOM OF SAND PACK: 72.50
TYPE OF BACKFILL BELOW OBSERVATION WELL: 20/30 Silica sand

ELEVATION / DEPTH OF HOLE: 72.50

BORING NO : 26C

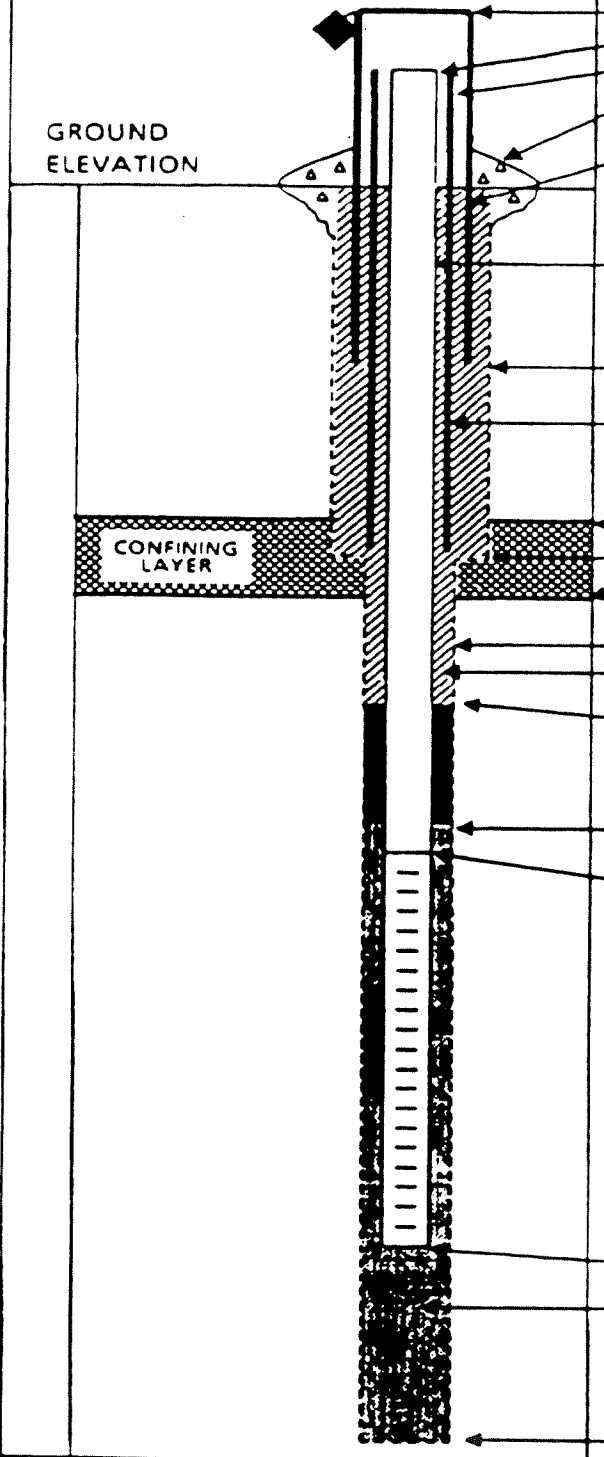
SOUTHNAVFAC

CONFINING LAYER MONITORING WELL SHEET

PROJECT NTC Orlando
PROJECT NO. 7457
ELEVATION N/A
FIELD GEOLOGIST Tom Nicolson

LOCATION OLD-012-26C
BORING 6/23+24
DATE

DRILLER Nick.
DRILLING METHOD HSA + Mud Rotary
DEVELOPMENT METHOD

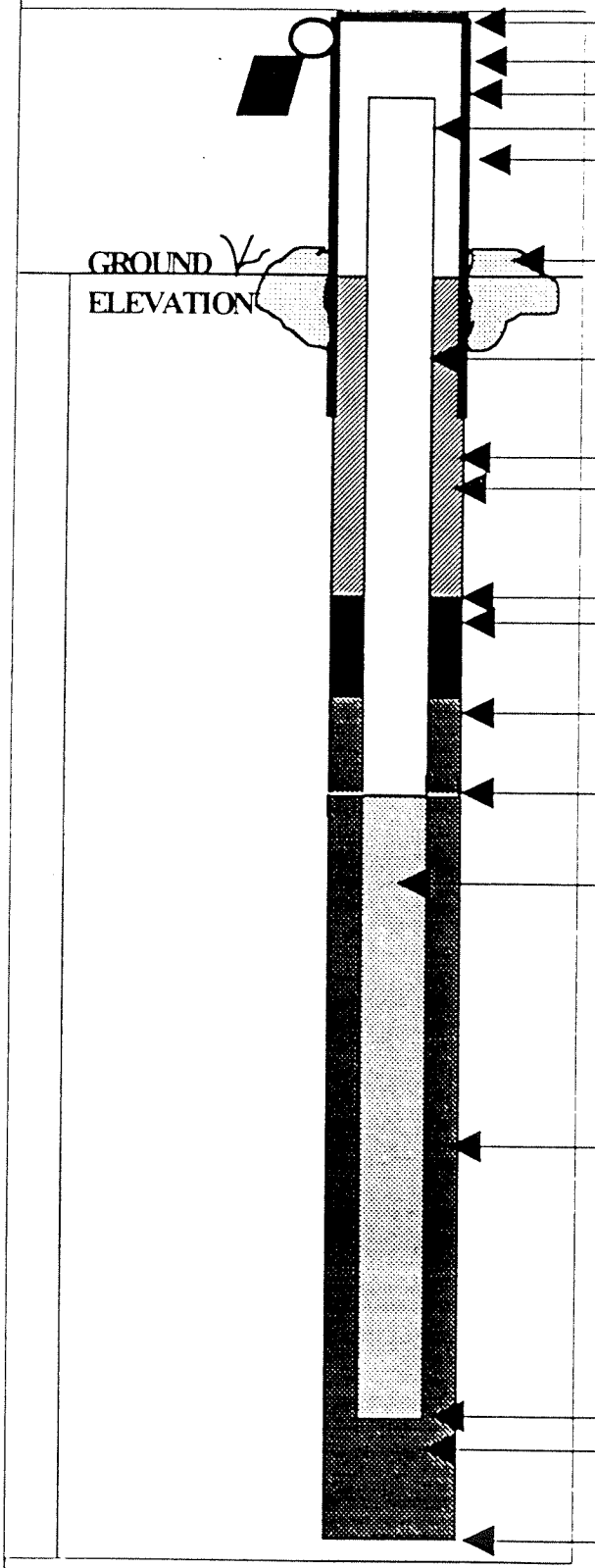


ELEVATION OF TOP OF SURFACE CASING: N/A
ELEVATION OF TOP OF RISER PIPE: N/A
ELEVATION TOP OF PERM. CASING: N/A
TYPE OF SURFACE SEAL: 3'x3'x6" concrete pad
I.D. OF SURFACE CASING: 4"
TYPE OF SURFACE CASING: metal
RISER PIPE I.D. 2"
TYPE OF RISER PIPE: Sch 40 PVC
BOREHOLE DIAMETER: 10"
PERM. CASING I.D. 6"
TYPE OF CASING & BACKFILL: Sch 40 PVC
ELEVATION / DEPTH TOP CONFINING LAYER: 33.00
ELEVATION / DEPTH BOTTOM OF CASING: 36.00
ELEVATION / DEPTH BOT. CONFINING LAYER: 53.00
BOREHOLE DIA. BELOW CASING:
TYPE OF BACKFILL: Portland cement (Type I) and bentonite slurry.
ELEVATION / DEPTH TOP OF SEAL: 50.10
TYPE OF SEAL: 2' 30/65 silica sand. 1' bentonite pellets.
DEPTH TOP OF SAND PACK: 53.10
ELEVATION/DEPTH TOP OF SCREEN: 55.10
TYPE OF SCREEN: Sch 40 PVC 0.01 slot
TYPE OF SAND PACK: 20/30 silica sand
ELEVATION / DEPTH BOTTOM OF SCREEN: 60.10
ELEVATION / DEPTH BOTTOM OF SAND PACK: 60.52
TYPE OF BACKFILL BELOW OBSERVATION WELL: 20/30 silica sand.
ELEVATION / DEPTH OF HOLE: 60.52

BORING NO _____

OVERBURDEN MONITORING WELL SHEET

PROJECT	NTC Orlando	LOCATION:	McCoy Annex	DRILLER	Tim Hurley
PROJECT NO.	7457	BORING	P-1	METHOD:	DPT
ELEVATION	N/A	DATE	7/22/98	DRILLING	HSA
FIELD GEOLOGIST	Tom Nicholson			DEVELOPMENT:	NA



ELEVATION OF TOP OF SURFACE CASING: N/A

ELEVATION OF TOP OF RISER PIPE: N/A

STICK -UP TOP OF SURFACE CASING: NA

STICK-UP RISER PIPE: N/A

I.D. OF SURFACE CASING: N/A

TYPE OF SURFACE CASING: N/A

TYPE OF SURFACE SEAL: Silica Sand

RISER PIPE I.D.: 4"

TYPE OF RISER PIPE: Sch 40 PVC.

BOREHOLE DIAMETER: 14"

TYPE OF SEAL: Silica Sand

ELEVATION / DEPTH OF SEAL: 118-10

TYPE OS SEAL: 30/65 fine silica Sand.

DEPTH TOP OF SAND PACK: 12-10

ELEVATION / DEPTH TOP OF SCREEN: 114-10

TYPE OF SCREEN: Sch 40 PVC

SLOT SIZE X LENGTH: 0-02 X 20'

I.D. OF SCREEN: 4"

TYPE OF SAND PACK: 20/40 grade Silica Sand pack

ELEVATION / DEPTHBOTTOM OF SCREEN: 134-10

ELEVATION / DEPTH BOTTOM OF SAND PACK: 134-60

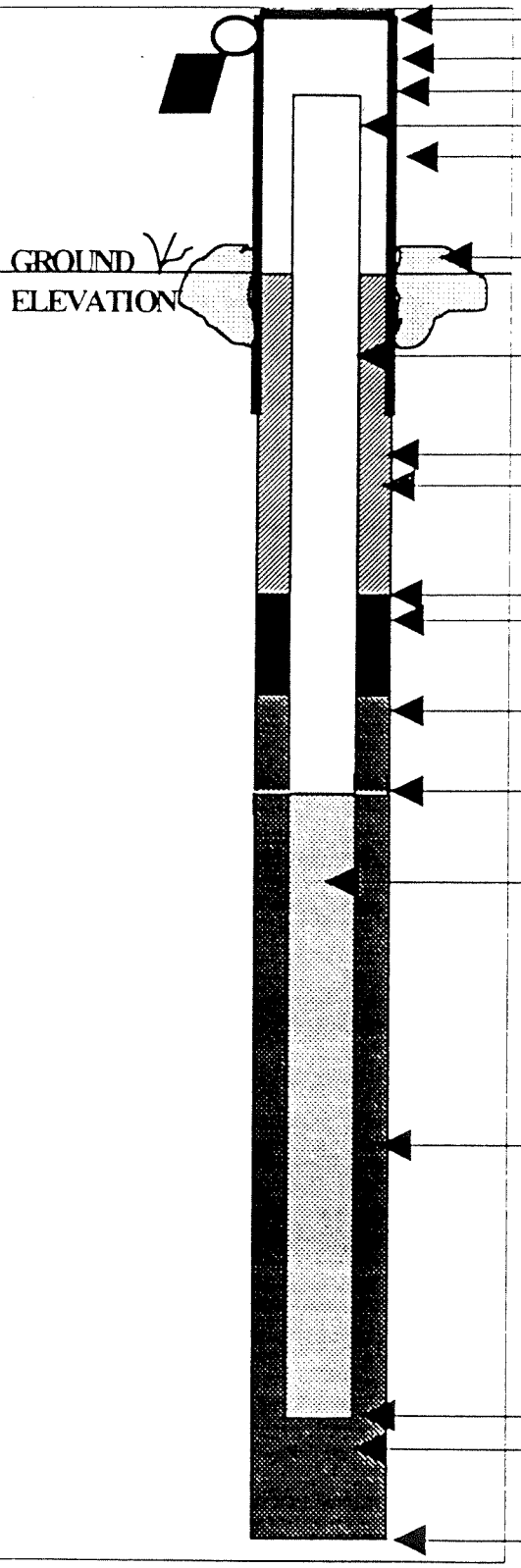
TYPE OF BACKFILL BELOW OBSERVATION WELL: Silica Sand.

ELEVATION / DEPTH OF HOLE: 134-60

BORING NO _____

OVERBURDEN MONITORING WELL SHEET

PROJECT	NTC Orlando	LOCATION:	McCoy Annex	DRILLER	Jim Hintz
PROJECT NO.	7457	BORING	OW 1	METHOD:	DPT
ELEVATION		DATE	7/22/98	DRILLING	HSA
FIELD GEOLOGIST	Tom Nicotera			DEVELOPMENT:	NA



ELEVATION OF TOP OF SURFACE CASING: N/A

ELEVATION OF TOP OF RISER PIPE: N/A

STICK -UP TOP OF SURFACE CASING: N/A

STICK-UP RISER PIPE: N/A

I.D. OF SURFACE CASING: N/A

TYPE OF SURFACE CASING: N/A

TYPE OF SURFACE SEAL: silica sand

RISER PIPE I.D.: N/A 2"

TYPE OF RISER PIPE: Sch 40 PVC

BOREHOLE DIAMETER: 10"

TYPE OF SEAL: Silica sand

ELEVATION / DEPTH OF SEAL: 17.35

TYPE OS SEAL: fine silica sand 30/65

DEPTH TOP OF SAND PACK:

ELEVATION / DEPTH TOP OF SCREEN: 19.35

TYPE OF SCREEN: PVC

SLOT SIZE X LENGTH: 0.02 x 10'

I.D. OF SCREEN: 0.02"

TYPE OF SAND PACK: Silica Sand pack 20/40

ELEVATION / DEPTHBOTTOM OF SCREEN: 19.35

ELEVATION / DEPTH BOTTOM OF SAND PACK: 19.90

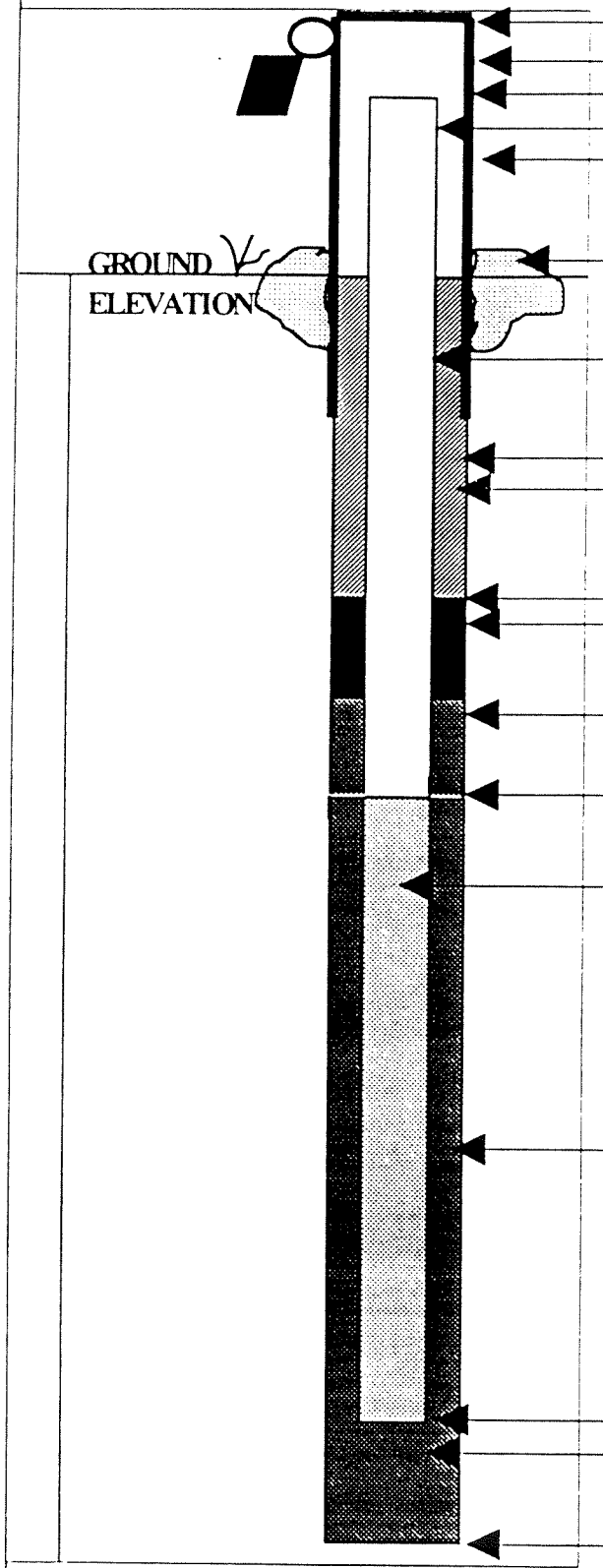
TYPE OF BACKFILL BELOW OBSERVATION WELL:

ELEVATION / DEPTH OF HOLE: 19.90

BORING NO _____

OVERBURDEN MONITORING WELL SHEET

PROJECT	NTC Orlando	LOCATION:	McCoy Annex	DRILLER	Tim Hultz
PROJECT NO.	7457	BORING	OW-12	METHOD:	DPT
ELEVATION		DATE	7/22/98	DRILLING	HSA
FIELD GEOLOGIST	Tom Nicholson			DEVELOPMENT:	NA



ELEVATION OF TOP OF SURFACE CASING: N/A

ELEVATION OF TOP OF RISER PIPE: N/A

STICK-UP TOP OF SURFACE CASING: N/A

STICK-UP RISER PIPE: N/A

I.D. OF SURFACE CASING: N/A

TYPE OF SURFACE CASING: N/A

TYPE OF SURFACE SEAL: silica sand

RISER PIPE I.D.: 2"

TYPE OF RISER PIPE: Sch. 40 PVC

BOREHOLE DIAMETER: 10"

TYPE OF SEAL: silica sand

ELEVATION / DEPTH OF SEAL: 17.52

TYPE OS SEAL: fine silica sand 30/65

DEPTH TOP OF SAND PACK:

ELEVATION / DEPTH TOP OF SCREEN: 19.52

TYPE OF SCREEN: Sch 40 PVC

SLOT SIZE X LENGTH: 0.02 X 10'

I.D. OF SCREEN: 2"

TYPE OF SAND PACK: silica sand pack 20/40

ELEVATION / DEPTHBOTTOM OF SCREEN: 119.52

ELEVATION / DEPTH BOTTOM OF SAND PACK: 120.02

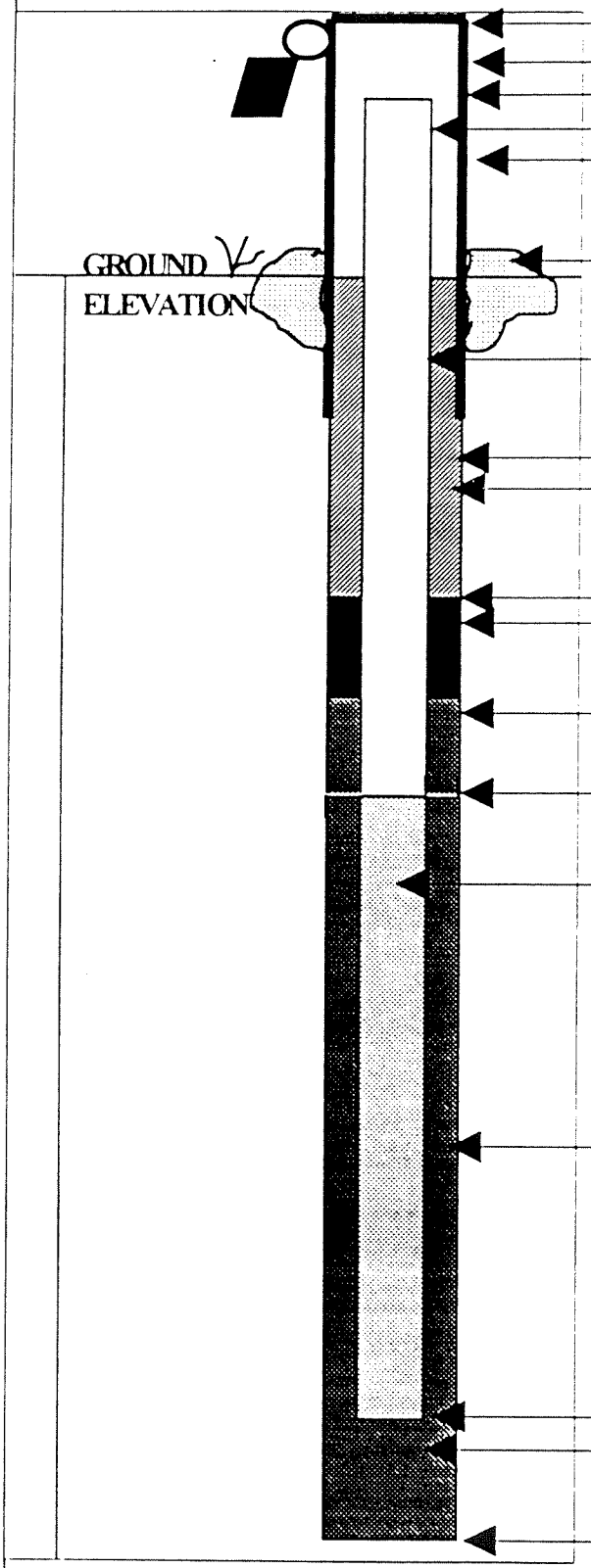
TYPE OF BACKFILL BELOW OBSERVATION WELL:

ELEVATION / DEPTH OF HOLE: 120.02

BORING NO _____

OVERBURDEN MONITORING WELL SHEET

PROJECT	NTC Orlando	LOCATION:	McCoy Annex	DRILLER	Jim Hintz
PROJECT NO.	7457	BORING	OW-13	METHOD:	DPT
ELEVATION		DATE	9/22/98	DRILLING	HSA
FIELD GEOLOGIST	Tom Nicolas			DEVELOPMENT:	NA



ELEVATION OF TOP OF SURFACE CASING: N/A

ELEVATION OF TOP OF RISER PIPE: N/A

STICK -UP TOP OF SURFACE CASING: N/A

STICK-UP RISER PIPE: N/A

I.D. OF SURFACE CASING: N/A

TYPE OF SURFACE CASING: N/A

TYPE OF SURFACE SEAL: silica sand

RISER PIPE I.D.: 2"

TYPE OF RISER PIPE: Sch 40 PVC

BOREHOLE DIAMETER: 10"

TYPE OF SEAL: silica sand

ELEVATION / DEPTH OF SEAL: 16.15

TYPE OS SEAL: Hydrated silica sand 30/65

DEPTH TOP OF SAND PACK: 8.15

ELEVATION / DEPTH TOP OF SCREEN: 10.15

TYPE OF SCREEN: Sch 40 PVC

SLOT SIZE X LENGTH: 0.02 x 10'

I.D. OF SCREEN: 2"

TYPE OF SAND PACK: silica sand pack 20/40

ELEVATION / DEPTHBOTTOM OF SCREEN: 20.15

ELEVATION / DEPTH BOTTOM OF SAND PACK: 20.75

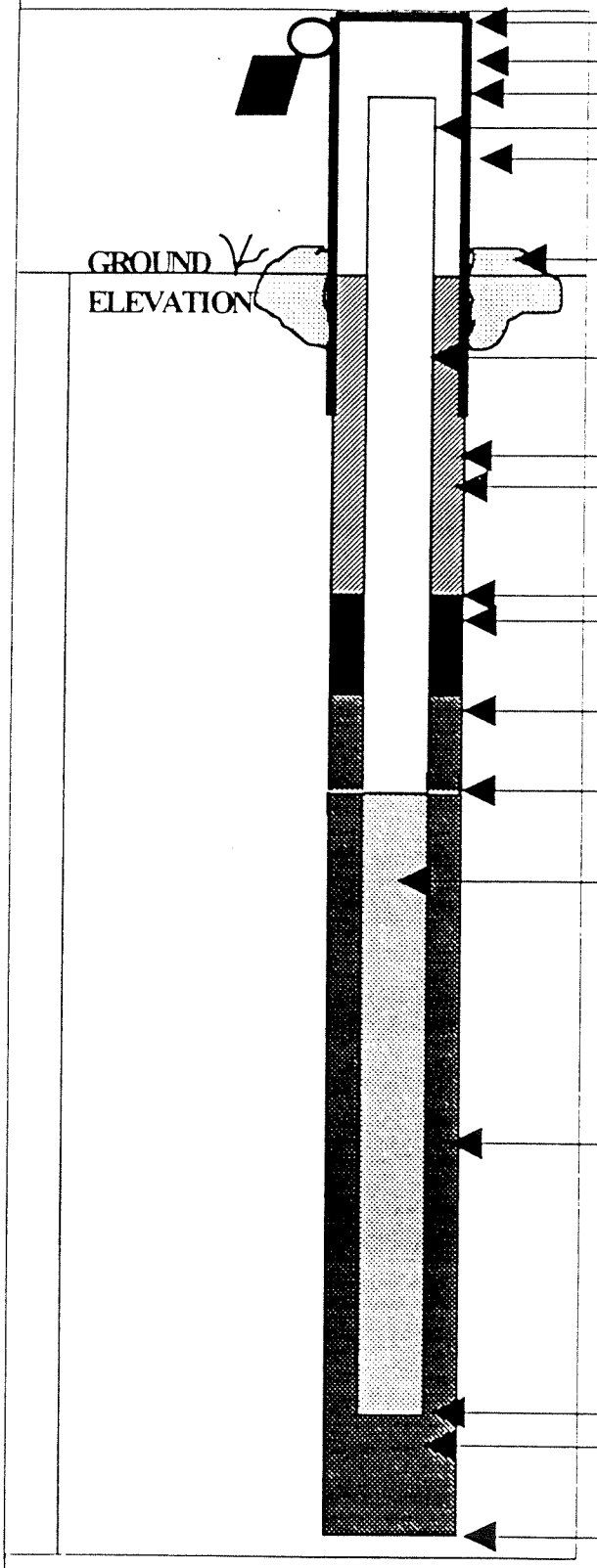
TYPE OF BACKFILL BELOW OBSERVATION WELL: _____

ELEVATION / DEPTH OF HOLE: 20.75

BORING NO _____

OVERBURDEN MONITORING WELL SHEET

PROJECT	NTC Orlando	LOCATION:	McCoy Annex	DRILLER	Jim Hintz
PROJECT NO.	7457	BORING	OW-4	METHOD:	DPT
ELEVATION		DATE	7/22/98	DRILLING	HSA
FIELD GEOLOGIST	Tom Nicstera			DEVELOPMENT:	NA



ELEVATION OF TOP OF SURFACE CASING: N/A

ELEVATION OF TOP OF RISER PIPE: N/A

STICK -UP TOP OF SURFACE CASING: N/A

STICK-UP RISER PIPE: N/A

I.D. OF SURFACE CASING: N/A

TYPE OF SURFACE CASING: N/A

TYPE OF SURFACE SEAL: Silica sd.

RISER PIPE I.D.: 2"

TYPE OF RISER PIPE: Sch. 40 PVC

BOREHOLE DIAMETER: 10"

TYPE OF SEAL: Silica sand

ELEVATION / DEPTH OF SEAL: 15.70

TYPE OS SEAL: Fine silica sand 30/65

DEPTH TOP OF SAND PACK: 7.90

ELEVATION / DEPTH TOP OF SCREEN: 19.70

TYPE OF SCREEN: Sch 40 PVC

SLOT SIZE X LENGTH: 0.02 x 10'

I.D. OF SCREEN: 2"

TYPE OF SAND PACK: Silica sand pack 20/40

ELEVATION / DEPTHBOTTOM OF SCREEN: 19.70

ELEVATION / DEPTH BOTTOM OF SAND PACK: 20.20

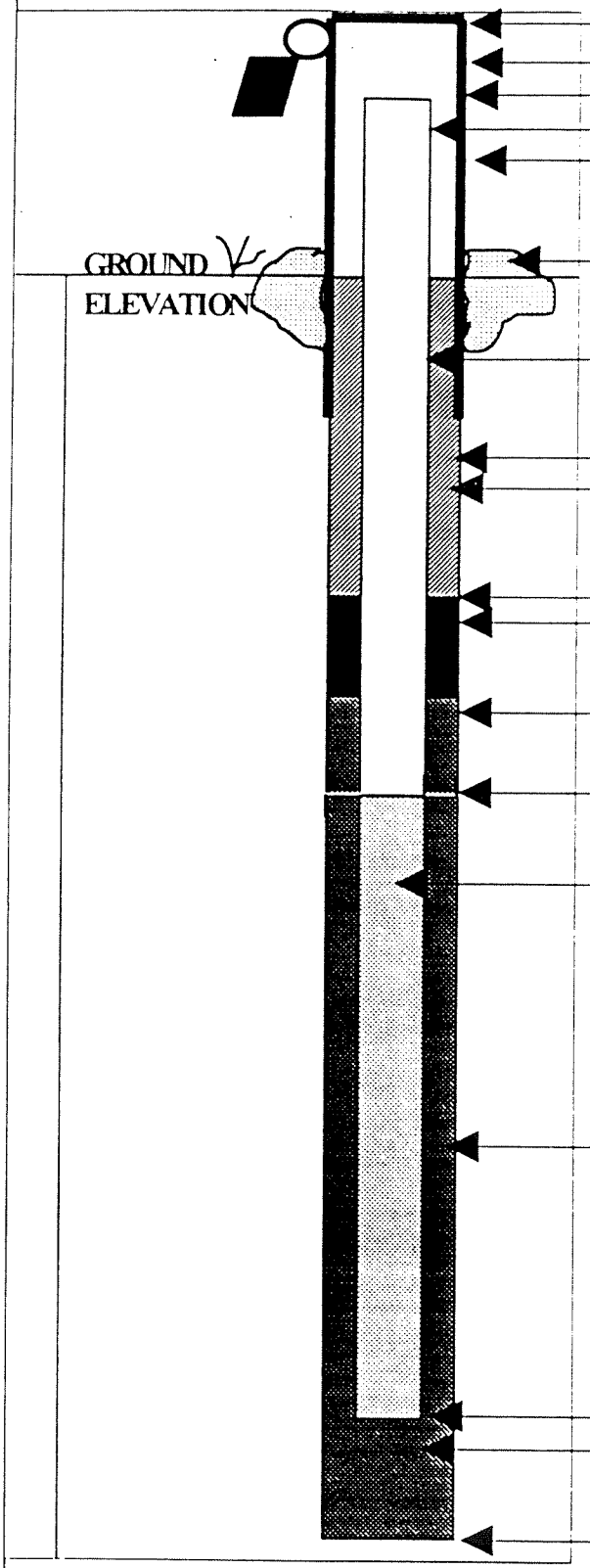
TYPE OF BACKFILL BELOW OBSERVATION WELL: _____

ELEVATION / DEPTH OF HOLE: 20.20

BORING NO _____

OVERBURDEN MONITORING WELL SHEET

PROJECT	NTC - Orlando	LOCATION:	McCoy Annex	DRILLER	Tim Hunter
PROJECT NO.	7457	BORING	OW-5	METHOD:	DPT
ELEVATION		DATE	7/23/98	DRILLING	HSA
FIELD GEOLOGIST	Tom Nicolera			DEVELOPMENT:	NA



ELEVATION OF TOP OF SURFACE CASING: N/A

ELEVATION OF TOP OF RISER PIPE: N/A

STICK-UP TOP OF SURFACE CASING: N/A

STICK-UP RISER PIPE: N/A

I.D. OF SURFACE CASING: N/A

TYPE OF SURFACE CASING: N/A

TYPE OF SURFACE SEAL: Silica sand

RISER PIPE I.D.: 2"

TYPE OF RISER PIPE: Sch 40 PVC

BOREHOLE DIAMETER: 10"

TYPE OF SEAL: Silica sand

ELEVATION / DEPTH OF SEAL: 15.35

TYPE OS SEAL: 30/65 fine silica sand pack

DEPTH TOP OF SAND PACK: 7.35

ELEVATION / DEPTH TOP OF SCREEN: 19.35

TYPE OF SCREEN: Sch 40 PVC

SLOT SIZE X LENGTH: 0.02 x 10'

I.D. OF SCREEN: 2"

TYPE OF SAND PACK: Silica sand pack 20/40 grade

ELEVATION / DEPTHBOTTOM OF SCREEN: 19.35

ELEVATION / DEPTH BOTTOM OF SAND PACK: 19.85

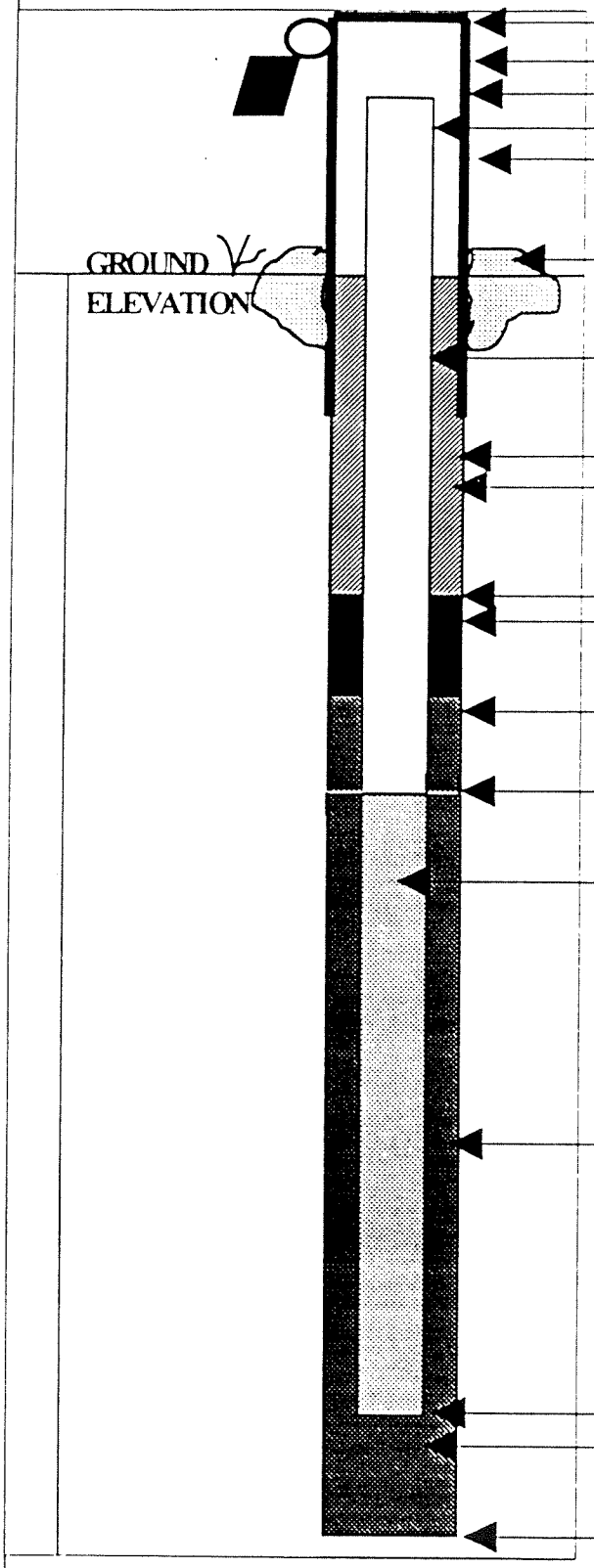
TYPE OF BACKFILL BELOW OBSERVATION WELL: _____

ELEVATION / DEPTH OF HOLE: 19.85

BORING NO _____

OVERBURDEN MONITORING WELL SHEET

PROJECT	NTC - Orlando	LOCATION:	McCoy Annex.	DRILLER	Jim Hulg
PROJECT NO.	7457	BORING	OW-6	METHOD:	DPT
ELEVATION	N/A	DATE	7/23/98	DRILLING	+/- SA
FIELD GEOLOGIST	Tom Nicstern			DEVELOPMENT:	NA



ELEVATION OF TOP OF SURFACE CASING: N/A

ELEVATION OF TOP OF RISER PIPE: N/A

STICK -UP TOP OF SURFACE CASING: N/A

STICK-UP RISER PIPE: N/A

I.D. OF SURFACE CASING: N/A

TYPE OF SURFACE CASING: N/A

TYPE OF SURFACE SEAL: Silica sand

RISER PIPE I.D.: 2"

TYPE OF RISER PIPE: Sch 40 PVC

BOREHOLE DIAMETER: 10"

TYPE OF SEAL: Silica sand

ELEVATION / DEPTH OF SEAL: 15-25

TYPE OS SEAL: 30/65 fine sand seal

DEPTH TOP OF SAND PACK: 7-25

ELEVATION / DEPTH TOP OF SCREEN: 19-25

TYPE OF SCREEN: Sch 40 PVC

SLOT SIZE X LENGTH: 0.02 x 10

I.D. OF SCREEN: 2"

TYPE OF SAND PACK: 20/40 silica sand pack.

ELEVATION / DEPTHBOTTOM OF SCREEN: 119.25

ELEVATION / DEPTH BOTTOM OF SAND PACK: 119.75

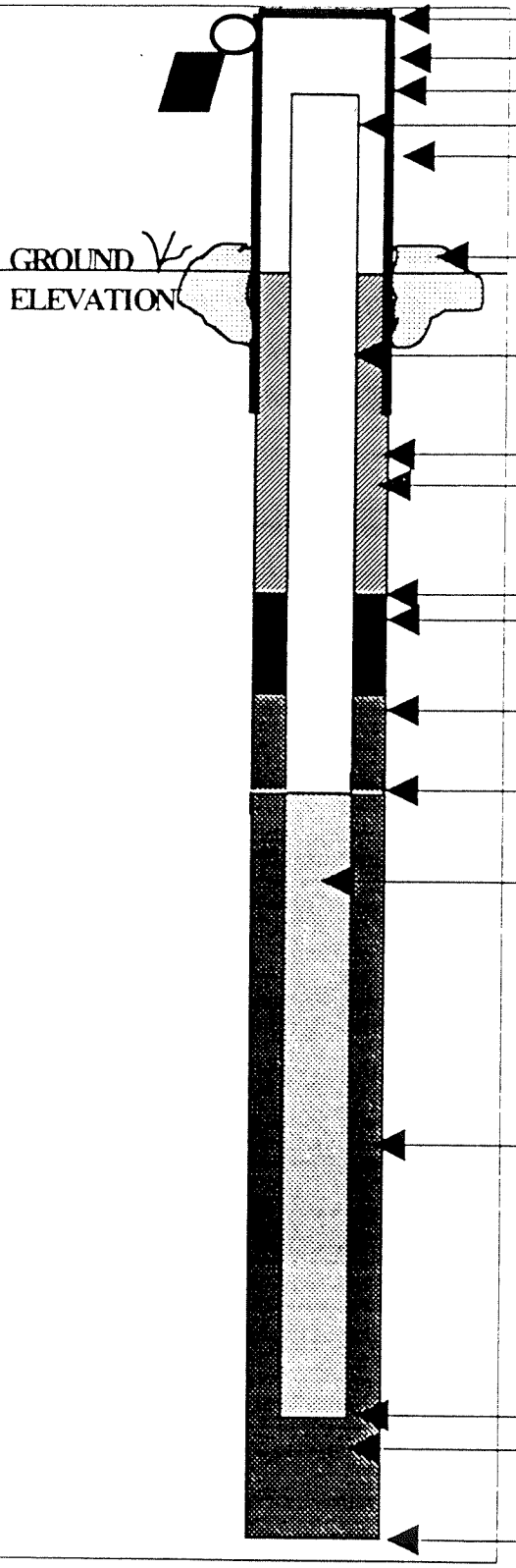
TYPE OF BACKFILL BELOW OBSERVATION WELL: _____

ELEVATION / DEPTH OF HOLE: 119.75

BORING NO _____

OVERBURDEN MONITORING WELL SHEET

PROJECT	NTC Orlando	LOCATION:	McCoy Annex	DRILLER	Jim Fitz
PROJECT NO.	7457	BORING	OW-4	METHOD:	DPT
ELEVATION	N/A	DATE	7/23/98	DRILLING	HSA
FIELD GEOLOGIST	Tom Nicolaou			DEVELOPMENT:	NA

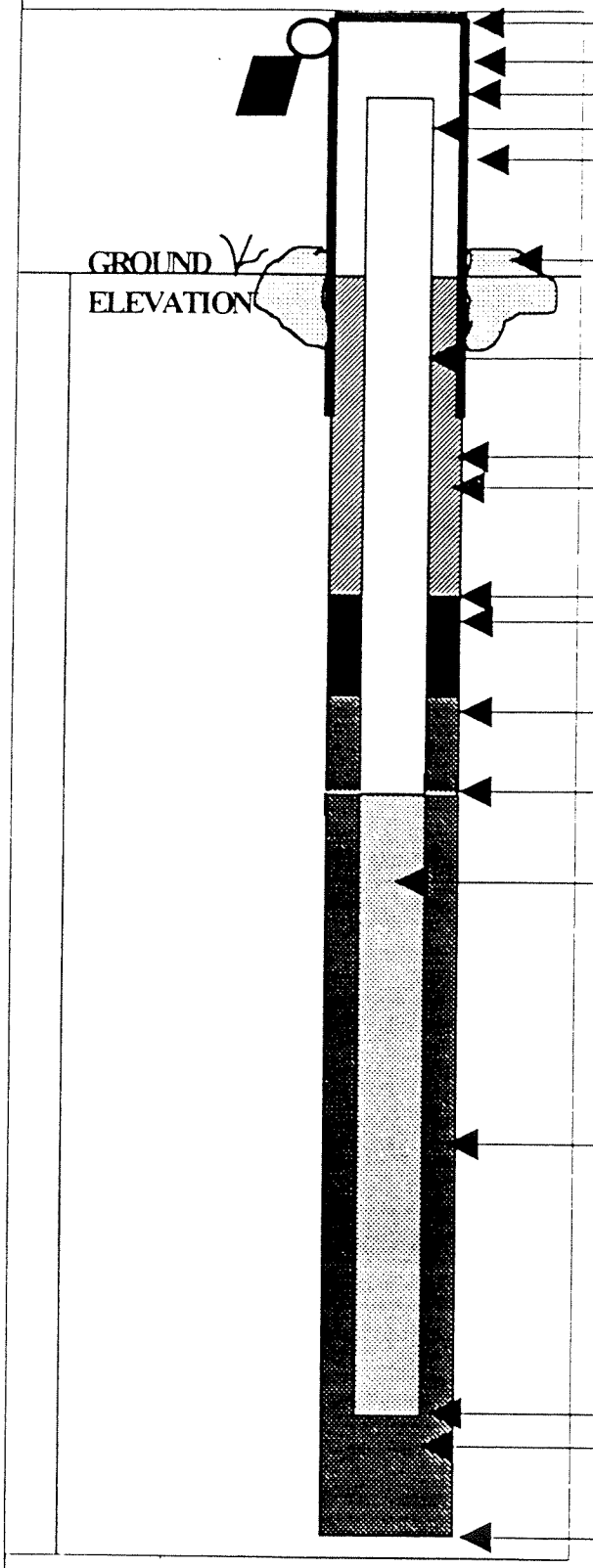


ELEVATION OF TOP OF SURFACE CASING	N/A
ELEVATION OF TOP OF RISER PIPE:	N/A
STICK -UP TOP OF SURFACE CASING:	N/A
STICK-UP RISER PIPE:	N/A
I.D. OF SURFACE CASING:	N/A
TYPE OF SURFACE CASING:	N/A
TYPE OF SURFACE SEAL:	Silica Sand
RISER PIPE I.D.:	2"
TYPE OF RISER PIPE:	Sch 40 PVC
BOREHOLE DIAMETER:	10"
TYPE OF SEAL:	Silica Sand
ELEVATION / DEPTH OF SEAL:	15.10
TYPE OS SEAL:	30/65 fine silica Sand
DEPTH TOP OF SAND PACK:	7.10
ELEVATION / DEPTH TOP OF SCREEN:	19.10
TYPE OF SCREEN:	Sch 40 PVC.
SLOT SIZE X LENGTH:	0.02 x 10'
I.D. OF SCREEN:	2"
TYPE OF SAND PACK:	20/40 Silica Sand pack
ELEVATION / DEPTHBOTTOM OF SCREEN:	119.10
ELEVATION / DEPTH BOTTOM OF SAND PACK:	119.60
TYPE OF BACKFILL BELOW OBSERVATION WELL:	Silica Sand.
ELEVATION / DEPTH OF HOLE:	119.60

BORING NO _____

OVERBURDEN MONITORING WELL SHEET

PROJECT	NTC Orlando	LOCATION	N. Coy Annex	DRILLER	Jim Fentz
PROJECT NO.	7457	BORING	OW-38	METHOD	DPT
ELEVATION	–	DATE	7/23/98	DRILLING	HSA
FIELD GEOLOGIST	Tom Nicolera			DEVELOPMENT	NA



ELEVATION OF TOP OF SURFACE CASING: N/A

ELEVATION OF TOP OF RISER PIPE: N/A

STICK -UP TOP OF SURFACE CASING: N/A

STICK-UP RISER PIPE: N/A

I.D. OF SURFACE CASING: N/A

TYPE OF SURFACE CASING: N/A

TYPE OF SURFACE SEAL: Silica Sand

RISER PIPE I.D.: 2"

TYPE OF RISER PIPE: Sch 40 PVC

BOREHOLE DIAMETER: 10"

TYPE OF SEAL: Silica Sand

ELEVATION / DEPTH OF SEAL: 15.82

TYPE OS SEAL: 30/65 fine silica sand

DEPTH TOP OF SAND PACK: 7.82

ELEVATION / DEPTH TOP OF SCREEN: 19.82

TYPE OF SCREEN: Sch 40 PVC

SLOT SIZE X LENGTH: 0.02 X 10'

I.D. OF SCREEN: 2"

TYPE OF SAND PACK: 20/40 silica sand pack

ELEVATION / DEPTHBOTTOM OF SCREEN: 19.82

ELEVATION / DEPTH BOTTOM OF SAND PACK: 20.32

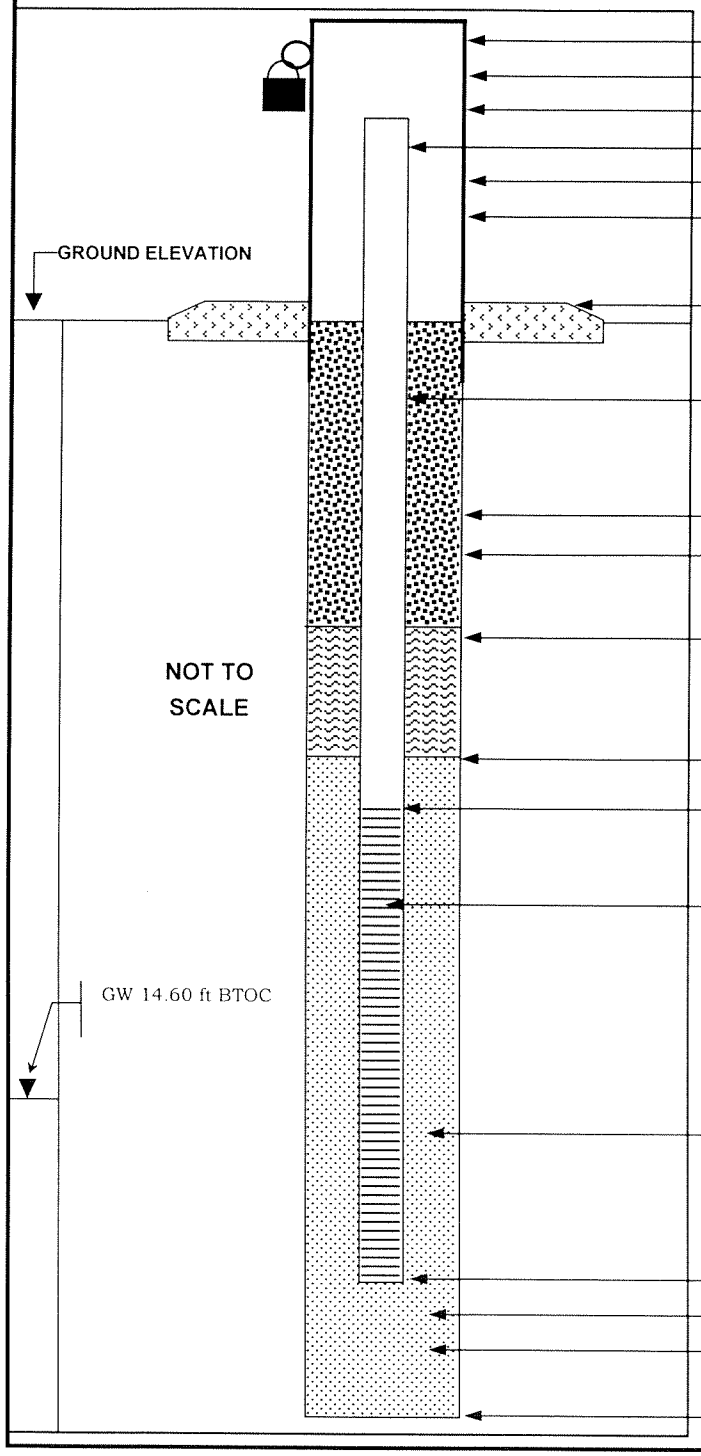
TYPE OF BACKFILL BELOW OBSERVATION WELL: Silica Sand

ELEVATION / DEPTH OF HOLE: 20.32

WELL NO.: OLD-OU2-27A

OVERBURDEN MONITORING WELL SHEET

PROJECT	NTC Orlando	LOCATION	OU 2	DRILLER	Bill Hammond-GPI
PROJECT NO.	7457	BORING	27A	METHOD:	
ELEVATION		DATE	06-Feb-01	DRILLING	HSA
FIELD GEOLOGIST	Skip Barton			DEVELOPMENT	sub pump

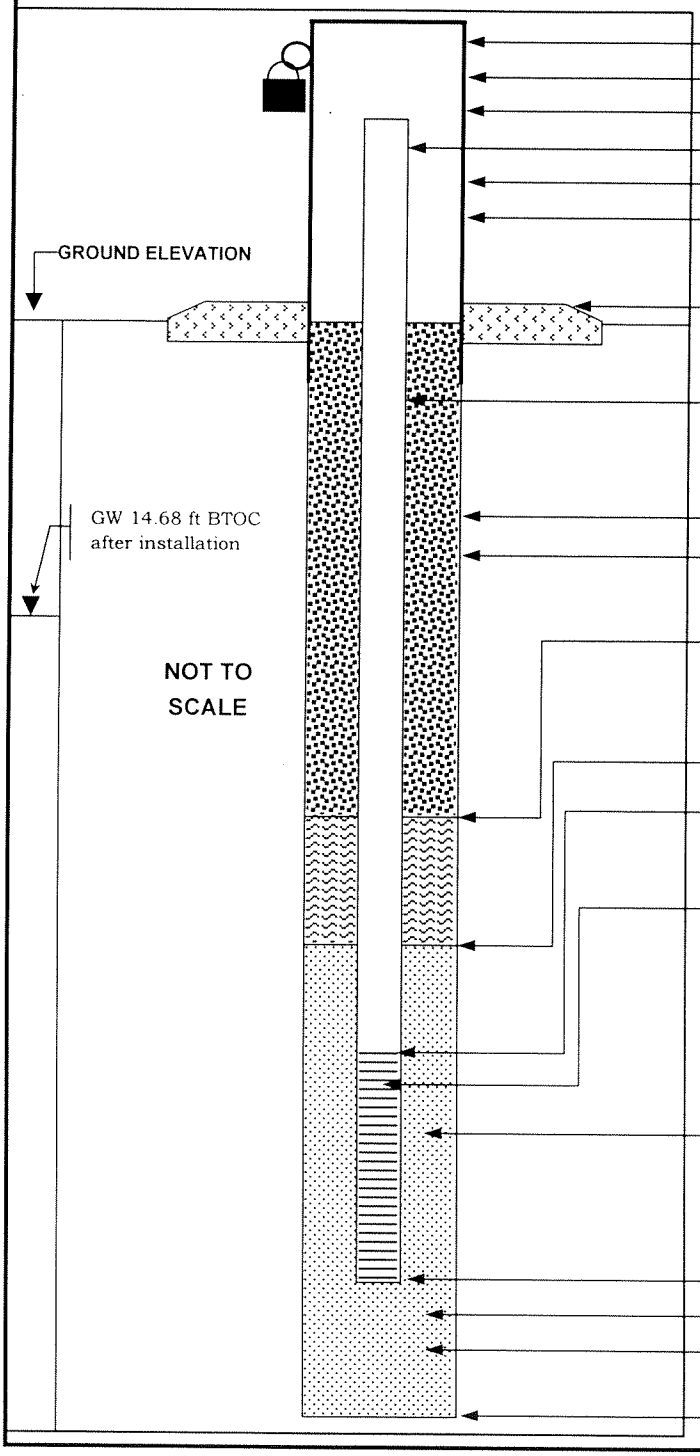


ELEVATION OF TOP OF SURFACE CASING:	
ELEVATION OF TOP OF RISER PIPE:	
STICK-UP TOP OF SURFACE CASING:	3.25 ft
STICK-UP OF RISER PIPE:	3 ft
I.D. OF SURFACE CASING:	4-in. square
TYPE OF SURFACE CASING:	stainless steel
TYPE OF SURFACE SEAL:	concrete
RISER PIPE I.D.:	2 in.
TYPE OF RISER PIPE:	SCH 40 PVC
BOREHOLE DIAMETER:	8.5 in.
TYPE OF SEAL:	Type I portland cement w/ powdered bentonite
ELEVATION / DEPTH OF SEAL:	2 ft
TYPE OF SEAL:	30/65 fine sand
DEPTH - TOP OF SAND PACK:	4 ft
ELEVATION / DEPTH - TOP OF SCREEN:	6 ft
TYPE OF SCREEN:	SCH 40 PVC
SLOT SIZE X LENGTH:	0.01 in. X 10 ft
I.D. OF SCREEN:	2 in.
TYPE OF SAND PACK:	30/45
ELEVATION / DEPTH TO BOTTOM OF SCREEN:	16 ft
ELEVATION / DEPTH TO BOTTOM OF SAND PACK:	16.5 ft
TYPE OF BACKFILL BELOW MONITORING WELL:	fine sand
ELEVATION / DEPTH TO BOTTOM OF BOREHOLE:	17 ft

WELL NO.: OLD-OU2-27B

OVERBURDEN MONITORING WELL SHEET

PROJECT	NTC Orlando	LOCATION	OU 2	DRILLER	Bill Hammond-GPI
PROJECT NO.	7457	BORING	27B	METHOD:	
ELEVATION		DATE	06-Feb-01	DRILLING	HSA
FIELD GEOLOGIST	Skip Barton			DEVELOPMENT	sub pump

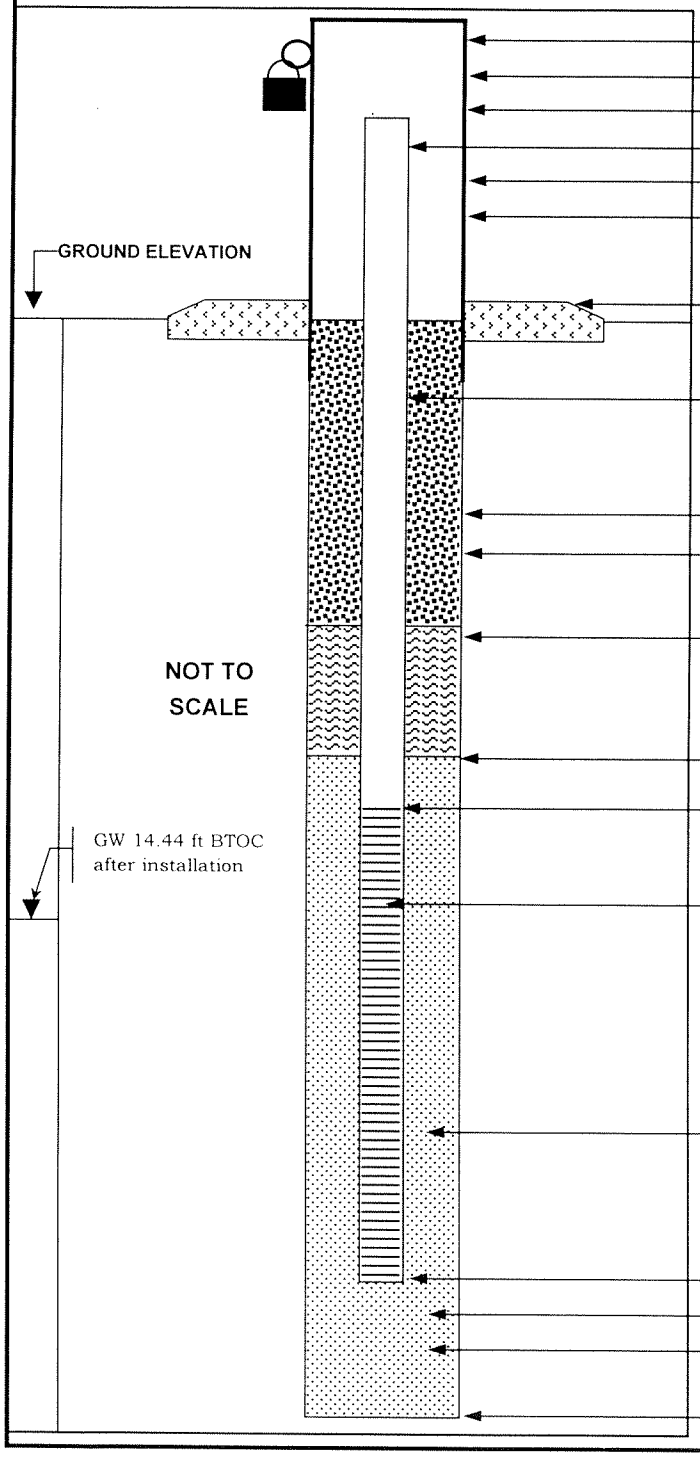


ELEVATION OF TOP OF SURFACE CASING:	
ELEVATION OF TOP OF RISER PIPE:	
STICK-UP TOP OF SURFACE CASING:	3 ft
STICK-UP OF RISER PIPE:	2.5 ft
I.D. OF SURFACE CASING:	4-in. square
TYPE OF SURFACE CASING:	stainless steel
TYPE OF SURFACE SEAL:	concrete
RISER PIPE I.D.:	2 in.
TYPE OF RISER PIPE:	SCH 40 PVC
BOREHOLE DIAMETER:	8.25 in.
TYPE OF SEAL:	Type I portland cement w/ powdered bentonite
ELEVATION / DEPTH OF SEAL:	23 ft
TYPE OF SEAL:	30/65 fine sand
DEPTH - TOP OF SAND PACK:	25 ft
ELEVATION / DEPTH - TOP OF SCREEN:	27 ft
TYPE OF SCREEN:	SCH 40 PVC
SLOT SIZE X LENGTH:	0.01 in. X 5 ft
I.D. OF SCREEN:	2 in.
TYPE OF SAND PACK:	30/45
ELEVATION / DEPTH TO BOTTOM OF SCREEN:	32 ft
ELEVATION / DEPTH TO BOTTOM OF SAND PACK:	32 ft
TYPE OF BACKFILL BELOW MONITORING WELL:	fine sand
ELEVATION / DEPTH TO BOTTOM OF BOREHOLE:	32 ft

WELL NO.: OLD-OU2-28A

OVERBURDEN MONITORING WELL SHEET

PROJECT	NTC Orlando	LOCATION	OU 2	DRILLER	Bill Hammond-GPI
PROJECT NO.	7457	BORING	28A	METHOD:	
ELEVATION		DATE	07-Feb-01	DRILLING	HSA
FIELD GEOLOGIST	Skip Barton			DEVELOPMENT	sub pump

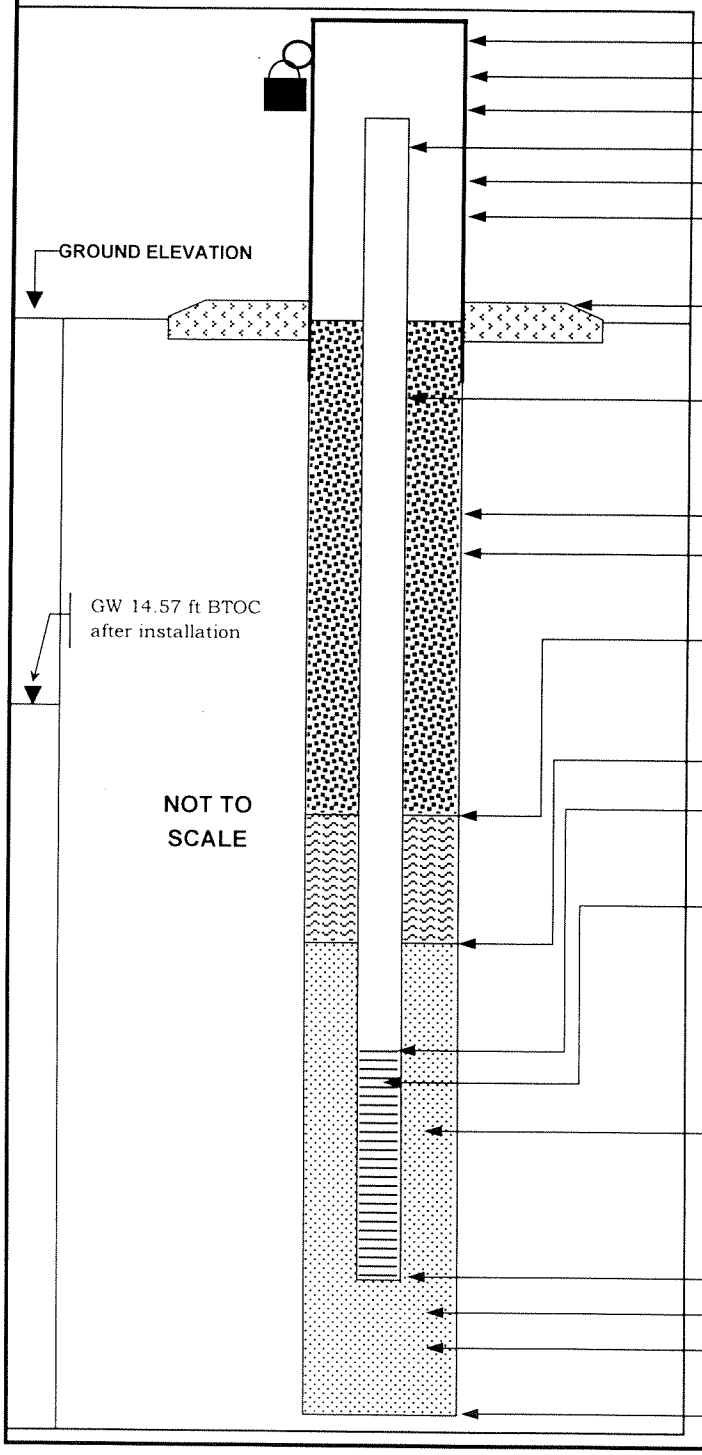


ELEVATION OF TOP OF SURFACE CASING:	
ELEVATION OF TOP OF RISER PIPE:	
STICK-UP TOP OF SURFACE CASING:	3 ft
STICK-UP OF RISER PIPE:	2.5 ft
I.D. OF SURFACE CASING:	4-in. square
TYPE OF SURFACE CASING:	stainless steel
TYPE OF SURFACE SEAL:	concrete
RISER PIPE I.D.:	2 in.
TYPE OF RISER PIPE:	SCH 40 PVC
BOREHOLE DIAMETER:	8.25 in.
TYPE OF SEAL:	Type I portland cement w/ powdered bentonite
ELEVATION / DEPTH OF SEAL:	2 ft
TYPE OF SEAL:	30/65
DEPTH - TOP OF SAND PACK:	4 ft
ELEVATION / DEPTH - TOP OF SCREEN:	6 ft
TYPE OF SCREEN:	SCH 40 PVC
SLOT SIZE X LENGTH:	0.01 in. X 10 ft
I.D. OF SCREEN:	2 in.
TYPE OF SAND PACK:	30/45
ELEVATION / DEPTH TO BOTTOM OF SCREEN:	16 ft
ELEVATION / DEPTH TO BOTTOM OF SAND PACK:	16.5 ft
TYPE OF BACKFILL BELOW MONITORING WELL:	fine sand
ELEVATION / DEPTH TO BOTTOM OF BOREHOLE:	17 ft

WELL NO.: OLD-OU2-28B

OVERBURDEN MONITORING WELL SHEET

PROJECT	NTC Orlando	LOCATION	OU 2	DRILLER	Nick Smarrito-GPI
PROJECT NO.	7457	BORING	28B	METHOD:	
ELEVATION		DATE	09-Feb-01	DRILLING	HSA
FIELD GEOLOGIST	Skip Barton			DEVELOPMENT	sub pump



ELEVATION OF TOP OF SURFACE CASING:	
ELEVATION OF TOP OF RISER PIPE:	
STICK-UP TOP OF SURFACE CASING:	3 ft
STICK-UP OF RISER PIPE:	2.5 ft
I.D. OF SURFACE CASING:	4-in. square
TYPE OF SURFACE CASING:	stainless steel
TYPE OF SURFACE SEAL:	concrete
RISER PIPE I.D.:	2 in.
TYPE OF RISER PIPE:	SCH 40 PVC
BOREHOLE DIAMETER:	8.25 in.
TYPE OF SEAL:	Type I portland cement w/ powdered bentonite
ELEVATION / DEPTH OF SEAL:	23 ft
TYPE OF SEAL:	30/65 fine sand
DEPTH - TOP OF SAND PACK:	25 ft
ELEVATION / DEPTH - TOP OF SCREEN:	27 ft
TYPE OF SCREEN:	SCH 40 PVC
SLOT SIZE X LENGTH:	0.01 in. X 5 ft
I.D. OF SCREEN:	2 in.
TYPE OF SAND PACK:	30/45
ELEVATION / DEPTH TO BOTTOM OF SCREEN:	32 ft
ELEVATION / DEPTH TO BOTTOM OF SAND PACK:	32 ft
TYPE OF BACKFILL BELOW MONITORING WELL:	fine sand
ELEVATION / DEPTH TO BOTTOM OF BOREHOLE:	32 ft

GROUNDWATER SAMPLE LOG SHEET

Project Site Name: Orlando NTC
Project No.: 7457

[ ] Domestic Well Data
[ ] Monitoring Well Data
[ ] Other Well Type:
[ ] QA Sample Type:

Sample ID No.: 012-MW01-A-02
Sample Location: MW-012-01A
Sampled By: GB
C.O.C. No.:
Type of Sample:
[ ] Low Concentration
[ ] High Concentration

SAMPLING DATA

Date: 7/20 / Time: 7/20 9:30	Color	pH	S.C. mS/cm	Temp. °C	Turbidity NTU	DO (mg/L) Meter	DO (mg/L) Titration	CO_2	H_2S	Fe +2
Method:	Light brown	6.32	49.0	26.3	980	0.4	1.8	250	0.5	1.8

PURGE DATA

Date: 7/20	Volume	pH	S.C.	Temp (°C)	Turbidity	DO	Salinity	CND	DO	ORP
Method: PID	Initial	6.42	120	25.3	1202	0.5		100	9.1	28.2
Monitor Reading (ppm): 0	1	6.53	85	26.1	1050	0.2		85	9.2	20.1
Well Casing Diameter: 2"	2	6.51	81	26.5	990	0.4		80	9.1	15.6
Well Casing Material: PVC	3	6.62	86	26.3	995	0.3		83	9.1	15.3
Total Well Depth (TD): 15.92		6.72	83	26.3	980	0.4		80	9.1	15.3
Static Water Level (WL): 7.25		6.65	82	26.4	980	0.3		81	9.1	15.4
One Casing Volume(gal/L):										
Start Purge (hrs): 8:50										
End Purge (hrs): 9:30										
Total Purge Time (min):										
Total Vol. Purged (gal/L): 25										

SAMPLE COLLECTION INFORMATION

Analysis	Preservative	Container Requirements	Collected

OBSERVATIONS / NOTES

Circle if Applicable:
MS/MSD
Duplicate ID No.:

Signature(s):

GROUNDWATER SAMPLE LOG SHEET

Project Site Name: Orlando NTC
Project No.: 7457

[ ] Domestic Well Data
[✓] Monitoring Well Data
[ ] Other Well Type:
[ ] QA Sample Type:

Sample ID No.: OU2-MW01B0U
Sample Location: OU2-OU2-01B
Sampled By: GB
C.O.C. No.:
Type of Sample:
[ ] Low Concentration
[ ] High Concentration

SAMPLING DATA

Date: 7/15:20	Color	pH	S.C. mS/cm	Temp. °C	Turbidity NTU	DO (mg/L) Meter	DO (mg/L) Titration	CO_2	H_2S	Fe +2
Time: 7/20										
Method:	L					4	1.3	92.6	0.1	3.4

PURGE DATA

Date: 7/20	Volume	pH	S.C.	Temp (°C)	Turbidity	DO	Salinity	CND	DOc	ORP
Method: FLD	Initial	6.32	101.98	26.2	1050	0.5		98	9.2	30.2
Monitor Reading (ppm): 0	1	6.41	98.20	26.3	990	0.4		95	9.2	35.1
Well Casing Diameter: 2"	2	6.52	97	26.2	980	0.2		90	9.1	35.5
Well Casing Material: PVC	3	6.45	99	26.4	985	0.3		91	9.1	35.2
Total Well Depth (TD):		6.48	99	26.2	990	0.3		91	9.1	33.6
Static Water Level (WL): 6.04		6.42	96	26.2	885	0.2		90	9.1	33.7
One Casing Volume(gal/L):										
Start Purge (hrs): 15:10										
End Purge (hrs): 15:50										
Total Purge Time (min): 40										
Total Vol. Purged (gal/L):										

SAMPLE COLLECTION INFORMATION

Analysis	Preservative	Container Requirements	Collected

OBSERVATIONS / NOTES

Circle if Applicable:

MS/MSD | Duplicate ID No.:

Signature(s):

GROUNDWATER SAMPLE LOG SHEET

Project Site Name: Orlando NTC
Project No.: 7457

[ ] Domestic Well Data
[X] Monitoring Well Data
[ ] Other Well Type:
[ ] QA Sample Type: DUPE

Sample ID No.: 042MW02A00
Sample Location: OLD - 042 - MW02A
Sampled By:
C.O.C. No.:
Type of Sample:
[ ] Low Concentration
[ ] High Concentration

SAMPLING DATA

Date: 08-02-98 / Time: 09:40	Color	pH	S.C. mS/cm	Temp. °C	Turbidity NTU	DO (mg/L) Meter	DO (mg/L) Titration	CO_2	H_2S	Fe +2
Method:	TAN	5.78	92	26.1	345	2.6	0.4	60	0.01	2.8

PURGE DATA

Date: 08-02-98	Volume	pH	S.C.	Temp (°C)	Turbidity	DO	Salinity	CND	DO_2	ORP
Method: PID	Initial	5.53	109	25.6	426	2.6		112	9.4	36.6
Monitor Reading (ppm): 0	1	5.67	93	26.1	310	3.2		95	9.4	23.6
Well Casing Diameter: 2	2	5.81	92	26.88	309	4.6		95	9.4	14.8
Well Casing Material: PVC	3	5.82	96	26.2	552	3.9		98	9.4	11.1
Total Well Depth (TD):	4	5.85	90	26.7	486	3.8		104	9.4	11.3
Static Water Level (WL): 8.81	5	5.75	90	26.1	424	2.9		92	9.4	13.0
One Casing Volume(gal/L):	6	5.76	90	26.1	376	2.8		92	9.4	12.0
Start Purge (hrs): 0845	7	5.78	92	26.1	345	2.6		93	9.4	11.2
End Purge (hrs): 09:30	8									
Total Purge Time (min):										
Total Vol. Purged (gal/L): 19										

SAMPLE COLLECTION INFORMATION

Analysis	Preservative	Container Requirements	Collected

OBSERVATIONS / NOTES

Circle if Applicable:
MS/MSD
Duplicate ID No.:

Signature(s):

GROUNDWATER SAMPLE LOG SHEET

Project Site Name: Orlando NTC
Project No.: 7457

[ ] Domestic Well Data
[X] Monitoring Well Data
[ ] Other Well Type:
[ ] QA Sample Type:

Sample ID No.: 042MW02B00
Sample Location:
Sampled By:
C.O.C. No.:
Type of Sample:
[ ] Low Concentration
[ ] High Concentration

SAMPLING DATA

Date: 08-02-98 / Time: 11:45	Color	pH	S.C. mS/cm	Temp. °C	Turbidity NTU	DO (mg/L) Meter	DO (mg/L) Titration	CO_2	H_2S	Fe +2
Method:	TAN	5.86	323	23.3	1184	3.8	0.01	108	0.6	2.4

PURGE DATA

Date: 08-02-98 / Method: FID	Volume	pH	S.C.	Temp (°C)	Turbidity	DO	Salinity	CND	DOc	ORP
Monitor Reading (ppm):	Initial	6.28	550	24.0	1860	1.9		555	10.4	-30.4
Well Casing Diameter:	1	6.03	415	23.1	1858	2.5		403	11.4	-33.1
Well Casing Material:	2	5.97	387	23.4	1858	2.9		375	11.4	-33.9
Total Well Depth (TD):	3	6.04	351	23.5	1773	3.6		341	12.4	-47.0
Static Water Level (WL): 8.26	4	5.86	332	23.2	1424	3.5		324	12.4	-39.3
One Casing Volume(gal/L):	5	5.86	323	23.4	1260	3.9		313	12.4	-41.0
Start Purge (hrs): 10:40										
End Purge (hrs): 11:30										
Total Purge Time (min):										
Total Vol. Purged (gal/L): 24										

SAMPLE COLLECTION INFORMATION

Analysis	Preservative	Container Requirements	Collected

OBSERVATIONS / NOTES

PETROLEUM ODOR

Circle if Applicable:
MS/MSD
Duplicate ID No.:

Signature(s):

GROUNDWATER SAMPLE LOG SHEET

Project Site Name: Orlando NTC
Project No.: 7457

[ ] Domestic Well Data
[X] Monitoring Well Data
[ ] Other Well Type:
[ ] QA Sample Type:

Sample ID No.: 042MW03A00
Sample Location:
Sampled By:
C.O.C. No.:
Type of Sample:
[ ] Low Concentration
[ ] High Concentration

SAMPLING DATA

Date: 08-01-98 / Time: 15:00	Color	pH	S.C. mS/cm	Temp. °C	Turbidity NTU	DO (mg/L) Meter	DO (mg/L) Titration	CO_2	H_2S	Fe +2
Method:	LIGHT TAN	5.74	505	26.0	59	2.6	2.01	330	0.5	5.2

PURGE DATA

Date: 08-01-98	Volume	pH	S.C.	Temp (°C)	Turbidity	DO	Salinity	CND	DO_2	ORP
Method: FID	Initial	5.48	380	27.0	71	8.4		399	11.4	31.0
Monitor Reading (ppm): 0	1	5.56	422	26.9	71	5.7		418	11.4	5.0
Well Casing Diameter: 2"	2	5.63	444	26.7	66	5.5		460	11.4	-29
Well Casing Material: PVC	3	5.65	452	26.5	60	3.4		466	10.4	-40
Total Well Depth (TD):	4	5.72	492	26.1	57	2.7		499	10.4	-48
Static Water Level (WL): 6.12	5	5.75	501	26.1	60	2.5		513	10.4	-58
One Casing Volume(gal/L):	6	5.74	502	26.1	62	2.6		513	11.4	-58
Start Purge (hrs): 12:00	7	5.74	505	26.0	59	2.6		516	11.4	-59
End Purge (hrs): 14:40										
Total Purge Time (min):										
Total Vol. Purged (gal/L): 12										

SAMPLE COLLECTION INFORMATION

Analysis	Preservative	Container Requirements	Collected

OBSERVATIONS / NOTES

Circle if Applicable:

MS/MSD | Duplicate ID No.:

Signature(s):

GROUNDWATER SAMPLE LOG SHEET

Project Site Name: Orlando NTC
Project No.: 7457

[ ] Domestic Well Data
[X] Monitoring Well Data
[ ] Other Well Type:
[ ] QA Sample Type:

Sample ID No.: 42MW03B00
Sample Location:
Sampled By:
C.O.C. No.:
Type of Sample:
[ ] Low Concentration
[ ] High Concentration

SAMPLING DATA

Date: 08-02-98 / Time:	Color	pH	S.C. mS/cm	Temp. °C	Turbidity NTU	DO (mg/L) Meter	DO (mg/L) Titration	CO_2	H_2S	Fe +2
Method:	TAN	5.74	455	23.3	776	8.1	0.7	266	0.3	1.0

PURGE DATA

Date: 08-02-98	Volume	pH	S.C.	Temp (°C)	Turbidity	DO	Salinity	CND	DOc	ORP
Method: FID	Initial	6.44	805	25.0	1500	3.4		817	13.5	-58
Monitor Reading (ppm): 0	1	6.17	690	25.7	1858	6.3		703	15.5	-54
Well Casing Diameter: 2"	2	6.09	624	24.8	1865	6.5		613	16.5	-59
Well Casing Material: PVC	3	6.04	608	25.3	1868	6.7		620	16.5	-61
Total Well Depth (TD):	4	5.84	504	25.6	1349	8.8		512	18.6	-53
Static Water Level (WL): 5.80	5	5.86	512	23.8	1479	8.1		499	17.5	-54
One Casing Volume(gal/L):	6	5.79	483	23.4	1429	8.4		471	17.5	-50
Start Purge (hrs): 14:30	7	5.78	476	23.4	1089	8.6		463	17.5	-50
End Purge (hrs):		5.74	455	23.3	777	8.1		442	17.5	-48
Total Purge Time (min):										
Total Vol. Purged (gal/L):										

SAMPLE COLLECTION INFORMATION

Analysis	Preservative	Container Requirements	Collected

OBSERVATIONS / NOTES

Circle if Applicable:

MS/MSD | Duplicate ID No.:

Signature(s):

GROUNDWATER SAMPLE LOG SHEET

Project Site Name: Orlando NTC
Project No.: 7457

[ ] Domestic Well Data
[X] Monitoring Well Data
[ ] Other Well Type:
[ ] QA Sample Type: DUPE

Sample ID No.: 042MW04A00
Sample Location:
Sampled By:
C.O.C. No.:
Type of Sample:
[ ] Low Concentration
[ ] High Concentration

SAMPLING DATA

Date: 07-31-98 / Time: 09:50	Color	pH	S.C. mS/cm	Temp. °C	Turbidity NTU	DO (mg/L) Meter	DO (mg/L) Titration	CO_2	H_2S	Fe +2
Method 1	TAN	4.94	44.0	26.69	1260	0.6	1.9	15/0.2X2	0.1	4.2

PURGE DATA

Date: 07/31/98	Volume	pH	S.C.	Temp (°C)	Turbidity	DO	Salinity	DOc	ORP	CND
Method: FID	Initial	5.0	46.0	26.9	1470	0.3		4.3	94.8	47.0
Monitor Reading (ppm): 0	1	5.04	46.0	27.0	1433	0.3		4.3	93.7	47.0
Well Casing Diameter: 2"	2	4.94	45.0	26.71	1033	0.5		4.3	105.1	47.0
Well Casing Material: PVC	3	4.92	44.0	26.72	1285	0.6		4.3	108.7	46.0
Total Well Depth (TD): 16.5	4	4.93	44.0	26.71	1274	0.6		4.3	112.8	46.0
Static Water Level (WL): 5.53	5	4.94	44.0	26.66	1262	0.6		4.3	113.5	46.0
One Casing Volume(gal/L): 7.13										
Start Purge (hrs): 09:00										
End Purge (hrs):										
Total Purge Time (min):										
Total Vol. Purged (gal/L):										

SAMPLE COLLECTION INFORMATION

Analysis	Preservative	Container Requirements	Collected

OBSERVATIONS / NOTES

Circle if Applicable:
(MS/MSD) Duplicate ID No.:

Signature(s):

GROUNDWATER SAMPLE LOG SHEET

Project Site Name: Orlando NTC
Project No.: 7457

[ ] Domestic Well Data
[X] Monitoring Well Data
[ ] Other Well Type:
[ ] QA Sample Type:

Sample ID No.: 042MW04B00
Sample Location:
Sampled By:
C.O.C. No.:
Type of Sample:
[ ] Low Concentration
[ ] High Concentration

SAMPLING DATA

Date: 07 31 98 / Time: 12:00	Color	pH	S.C. mS/cm	Temp. °C	Turbidity NTU	DO (mg/L) Meter	DO (mg/L) Titration	CO_2 ppm/2 x 2	H_2S	Fe +2
Method:	LIGHT BROWN	6.44	497	24.58	1866	0	0.01	0.8	22.2	0.6

PURGE DATA

Date: 07-31-98	Volume	pH	S.C.	Temp (°C)	Turbidity	DO	Salinity	CND	DO	ORP
Method: FID	Initial	6.68	509	26.1	1869	-0.6		521	4.3	-9.1
Monitor Reading (ppm): 0	1	6.95	494	24.68	1863	-0.3		495	5.3	-83
Well Casing Diameter: 2"	2	6.80	493	24.72	1866	-0.2		489	5.3	-107
Well Casing Material: PVC	3	6.64	500	24.66	1866	-0.2		497	6.5	-106
Total Well Depth (TD):	4	6.51	501	24.65	1866	-0.1		498	7.3	-103
Static Water Level (WL): 5.53	5	6.46	498	24.55	1866	-0.1		494	7.3	-103
One Casing Volume(gal/L):										
Start Purge (hrs): 10:45										
End Purge (hrs): 11:10										
Total Purge Time (min): 25										
Total Vol. Purged (gal/L): 30										

SAMPLE COLLECTION INFORMATION

Analysis	Preservative	Container Requirements	Collected

OBSERVATIONS / NOTES

Circle if Applicable:

MS/MSD | Duplicate ID No.:

Signature(s):

GROUNDWATER SAMPLE LOG SHEET

Project Site Name: Orlando NTC
Project No.: 7457

[ ] Domestic Well Data
[X] Monitoring Well Data
[ ] Other Well Type:
[ ] QA Sample Type:

Sample ID No.: 042 MW 05 FS
Sample Location:
Sampled By:
C.O.C. No.:
Type of Sample:
[X] Low Concentration
[ ] High Concentration

SAMPLING DATA

Date: 7-27-98 / Time:	Color	pH	S.C. mS/cm	Temp. °C	Turbidity NTU	DO (mg/L) Meter	DO (mg/L) Titration	CO_2	H_2S	Fe +2
Method: Peristaltic Pump	clear	4.45	262.00	25.85	59.1	0.6	0.5	17.6	0.1	2.0

PURGE DATA

Date: 7-27-98	Volume	pH	S.C.	Temp (°C)	Turbidity	DO	Salinity	ORP	H_2S	Fe +2
Method: Peristaltic Pump	Initial	4.44	271.00	28.18	237.7	0.6	—	8.4	82.3	246.0
Monitor Reading (ppm): 0 ppm	1	4.48	236.00	26.59	422.8	0.7	—	9.4	80.8	245.0
Well Casing Diameter: 2"	2	4.43	251.00	26.10	128.0	0.5	—	9.4	81.0	252.0
Well Casing Material: PVC	3	4.45	262.00	25.85	59.1	0.6		9.4	78.3	266.0
Total Well Depth (TD):										
Static Water Level (WL): in GI										
One Casing Volume(gal/L):										
Start Purge (hrs): 14:30										
End Purge (hrs): 15:50										
Total Purge Time (min):										
Total Vol. Purged (gal/L):										

SAMPLE COLLECTION INFORMATION

Analysis	Preservative	Container Requirements	Collected

OBSERVATIONS / NOTES

Circle if Applicable:

MS/MSD | Duplicate ID No.:

Signature(s):

Page___ of ___

GROUNDWATER SAMPLE LOG SHEET

Project Site Name: Orlando NTC
Project No.: 7457

[ ] Domestic Well Data
[X] Monitoring Well Data
[ ] Other Well Type:
[ ] QA Sample Type:

Sample ID No.:
Sample Location:
Sampled By:
C.O.C. No.:
Type of Sample:
[X] Low Concentration
[ ] High Concentration

SAMPLING DATA

Date: / Time:	Color	pH	S.C. mS/cm	Temp. °C	Turbidity NTU	DO (mg/L) Meter	DO (mg/L) Titration	CO_2	H_2S	Fe +2
Method:										

PURGE DATA

Date:	Volume	pH	S.C.	Temp (°C)	Turbidity	DO%	Salinity			
Method:	Initial									
Monitor Reading (ppm):	1									
Well Casing Diameter:	2									
Well Casing Material:	3									
Total Well Depth (TD):										
Static Water Level (WL):										
One Casing Volume(gal/L):										
Start Purge (hrs):										
End Purge (hrs):										
Total Purge Time (min):										
Total Vol. Purged (gal/L):										

SAMPLE COLLECTION INFORMATION

Analysis	Preservative	Container Requirements	Collected

OBSERVATIONS / NOTES

Circle if Applicable:

MS/MSD | Duplicate ID No.:

Signature(s):

OU2MWD0200

GROUNDWATER SAMPLE LOG SHEET

Project Site Name: Orlando NTC
Project No.: 7457

[ ] Domestic Well Data
[X] Monitoring Well Data
[ ] Other Well Type:
[ ] QA Sample Type:

Sample ID No.: 012MW06APO
Sample Location:
Sampled By:
C.O.C. No.:
Type of Sample:
[ ] Low Concentration
[ ] High Concentration

SAMPLING DATA

Date: 08 01 98 / Time: 10:50 / Method: -	Color	pH	S.C. mS/cm	Temp. °C	Turbidity NTU	DO (mg/L) Meter	DO (mg/L) Titration	CO_2	H_2S	Fe +2
	TAN	5.14	598	25.11	1804	30.0	0.6	130	0.1	3.0

PURGE DATA

Date: 08 01 98	Volume	pH	S.C.	Temp (°C)	Turbidity	DO	Salinity	CND	DO_2	ORP
Method:	Initial	5.14	623	25.2	91.2	11.0		613.0	15.5	73.8
Monitor Reading (ppm):	1	5.16	588	24.1	362	11.3		591.0	16.5	69.8
Well Casing Diameter: 2"	2	5.12	583	24.9	743	11.1		583	16.5	64.4
Well Casing Material: PVC	3	5.12	584	25.1	1467	11.4		584	16.5	61.9
Total Well Depth (TD):	4	5.13	595	25.2	1435	16.5		597	14.9	70
Static Water Level (WL): 5.30	5	5.11	599	25.2	1429	18.6		604	16.5	76.7
One Casing Volume(gal/L):	6	5.05	599	25.2	1065	32.4		601	16.5	85.4
Start Purge (hrs): 940	7	5.14	593	25.6	1146	32.0		600	16.5	89.9
End Purge (hrs): 1040	8	5.16	586	25.6	1356	26.1		592	17.5	87.9
Total Purge Time (min):	9	5.17	592	26.3	1299	30.7		607	17.5	88.6
Total Vol. Purged (gal/L): 24	10	5.17	580	27.5	796	30.4		593	16.5	93.8
	11	5.14	598							

SAMPLE COLLECTION INFORMATION

Analysis	Preservative	Container Requirements	Collected

OBSERVATIONS / NOTES

11) 5.14 598 25.11 1804 29.7 597 16.5 97

Circle if Applicable:
MS/MSD
Duplicate ID No.:

Signature(s):

GROUNDWATER SAMPLE LOG SHEET

Project Site Name: Orlando NTC
Project No.: 7457

[ ] Domestic Well Data
[X] Monitoring Well Data
[ ] Other Well Type:
[ ] QA Sample Type:

Sample ID No.: 042MW06B00
Sample Location:
Sampled By:
C.O.C. No.:
Type of Sample:
[ ] Low Concentration
[ ] High Concentration

SAMPLING DATA

Date: / Time:	Color	pH	S.C. mS/cm	Temp. °C	Turbidity NTU	DO (mg/L) Meter	DO (mg/L) Titration	CO_2 BAD WATER QUALITY	H_2S	Fe +2
Method:						0.5	ND	N/D	2.0	0.01

PURGE DATA

Date: 08-01-98
Method:
Monitor Reading (ppm):
Well Casing Diameter: 2"
Well Casing Material: PVC
Total Well Depth (TD):
Static Water Level (WL): 6.24
One Casing Volume(gal/L):
Start Purge (hrs): 08:05
End Purge (hrs): 08:30
Total Purge Time (min): 9
Total Vol. Purged (gal/L):

Volume	pH	S.C.	Temp (°C)	Turbidity	DO	Salinity	CND	DO_2	ORP
Initial	6.95	425	22.8	1852	0.1		411	0.2	-35
1	8.09	601	22.7	370	1.8		570	0.2	-123
2	8.60	644	22.7	246	1.4		610	0.2	-156
3	8.91	674	22.7	186	1.0		643	1.2	-195
4	9.00	687	22.7	152	0.6		660	1.2	-234
5	8.99	676	22.6	188	-0.7		646	3.2	-259
6	8.95	669	22.6	224	1.5		639	3.7	-262
7	9.00	659	22.6	237	1.3		634	4.2	-270
8	9.04	651	22.6	294	1.3		625	4.2	-275
9									

SAMPLE COLLECTION INFORMATION

Analysis	Preservative	Container Requirements	Collected

OBSERVATIONS / NOTES

Circle if Applicable:
MS/MSD
Duplicate ID No.:

Signature(s):

GROUNDWATER SAMPLE LOG SHEET

Project Site Name: Orlando NTC
Project No.: 7457

[ ] Domestic Well Data
[V] Monitoring Well Data
[ ] Other Well Type:
[ ] QA Sample Type:

Sample ID No.:
Sample Location:
Sampled By:
C.O.C. No.:
Type of Sample:
[V] Low Concentration
[ ] High Concentration

SAMPLING DATA

Date: / Time:	Color	pH	S.C. mS/cm	Temp. °C	Turbidity NTU	DO (mg/L) Meter	DO (mg/L) Titration	CO_2	H_2S	Fe +2
Method:	cloudy									

PURGE DATA

Date:	Volume	pH	S.C.	Temp (°C)	Turbidity	DO	Salinity			
Method:	Initial									
Monitor Reading (ppm):	1									
Well Casing Diameter:	2									
Well Casing Material:	3									
Total Well Depth (TD):										
Static Water Level (WL):										
One Casing Volume(gal/L):										
Start Purge (hrs):										
End Purge (hrs):										
Total Purge Time (min):										
Total Vol. Purged (gal/L):										

SAMPLE COLLECTION INFORMATION

Analysis	Preservative	Container Requirements	Collected

OBSERVATIONS / NOTES

Circle if Applicable:

MS/MSD | Duplicate ID No.:

Signature(s):

GROUNDWATER SAMPLE LOG SHEET

Project Site Name: Orlando NTC
Project No.: 7457

[ ] Domestic Well Data
[X] Monitoring Well Data
[ ] Other Well Type:
[ ] QA Sample Type:

Sample ID No.: 0412MW23A
Sample Location:
Sampled By:
C.O.C. No.:
Type of Sample:
[X] Low Concentration
[ ] High Concentration

SAMPLING DATA

Date: 7-29-98 / Time:	Color	pH	S.C. mS/cm	Temp. °C	Turbidity NTU	DO (mg/L) Meter	DO (mg/L) Titration	CO_2	H_2S	Fe +2
Method: Bailer, Grab	clear	5.23	472	23.91	381.1	0.6	0.04	74	0.7	2.0

PURGE DATA

Date: 7-27-98	Volume	pH	S.C.	Temp (°C)	Turbidity	DO %	Salinity			
Method: Bailer, Grab	Initial	7.44	480	23.90	472.4	2.4	—	5.4	27.5	420
Monitor Reading (ppm): N/A	1	5.10	475.00	23.74	381.5	0.7	—	5.4	2.5	420
Well Casing Diameter: 2"	2	5.25	479	23.83	407.4	0.5	—	5.4	-5.6	480
Well Casing Material: PVC	3	5.24	479	23.87	406.4	0.4	—	5.4	-5.7	480
Total Well Depth (TD): 15'		5.23	479	23.91	381.1	0.6	—	5.4	-5.2	450
Static Water Level (WL): 6.60										
One Casing Volume(gal/L):										
Start Purge (hrs): 0810										
End Purge (hrs):										
Total Purge Time (min):										
Total Vol. Purged (gal/L):										

SAMPLE COLLECTION INFORMATION

Analysis	Preservative	Container Requirements	Collected

OBSERVATIONS / NOTES

Circle if Applicable:

MS/MSD | Duplicate ID No.:

Signature(s):

GROUNDWATER SAMPLE LOG SHEET

Project Site Name: Orlando NTC
Project No.: 7457

[ ] Domestic Well Data
[Y] Monitoring Well Data
[ ] Other Well Type:
[ ] QA Sample Type:

Sample ID No.:
Sample Location:
Sampled By:
C.O.C. No.:
Type of Sample:
[Y] Low Concentration
[ ] High Concentration

SAMPLING DATA

Date: / Time:	Color	pH	S.C. mS/cm	Temp. °C	Turbidity NTU	DO (mg/L) Meter	DO (mg/L) Titration	CO_2	H_2S	Fe +2
Method:										

PURGE DATA

Date:	Volume	pH	S.C.	Temp (°C)	Turbidity	DO%	Salinity			
Method:	Initial									
Monitor Reading (ppm):	1									
Well Casing Diameter:	2									
Well Casing Material:	3									
Total Well Depth (TD):										
Static Water Level (WL):										
One Casing Volume(gal/L):										
Start Purge (hrs):										
End Purge (hrs):										
Total Purge Time (min):										
Total Vol. Purged (gal/L):										

SAMPLE COLLECTION INFORMATION

Analysis	Preservative	Container Requirements	Collected

OBSERVATIONS / NOTES

Circle if Applicable:

MS/MSD | Duplicate ID No.:

Signature(s):

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GROUNDWATER SAMPLE LOG SHEET

Project Site Name: Orlando NTC
Project No.: 7457

[ ] Domestic Well Data
[ ] Monitoring Well Data
[ ] Other Well Type:
[ ] QA Sample Type:

Sample ID No.:
Sample Location:
Sampled By:
C.O.C. No.:
Type of Sample:
[X] Low Concentration
[ ] High Concentration

SAMPLING DATA

Date: / Time:	Color	pH	S.C. mS/cm	Temp. °C	Turbidity NTU	DO (mg/L) Meter	DO (mg/L) Titration	CO_2	H_2S	Fe +2
Method:										

PURGE DATA

Date:	Volume	pH	S.C.	Temp (°C)	Turbidity	DO	Salinity			
Method:	Initial									
Monitor Reading (ppm):	1									
Well Casing Diameter:	2									
Well Casing Material:	3									
Total Well Depth (TD):										
Static Water Level (WL):										
One Casing Volume(gal/L):										
Start Purge (hrs):										
End Purge (hrs):										
Total Purge Time (min):										
Total Vol. Purged (gal/L):										

SAMPLE COLLECTION INFORMATION

Analysis	Preservative	Container Requirements	Collected

OBSERVATIONS / NOTES

Circle if Applicable:

MS/MSD | Duplicate ID No.:

Signature(s):

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GROUNDWATER SAMPLE LOG SHEET

Project Site Name: Orlando NTC
Project No.: 7457

[ ] Domestic Well Data
[ ] Monitoring Well Data
[ ] Other Well Type:
[ ] QA Sample Type:

Sample ID No.: OU2MW09A00
Sample Location:
Sampled By:
C.O.C. No.:
Type of Sample:
[ ] Low Concentration
[ ] High Concentration

SAMPLING DATA

Date: 7/22/98	Color	pH	S.C. mS/cm	Temp. °C	Turbidity NTU	DO (mg/L) Meter	DO (mg/L) Titration	CO_2	H_2S	Fe +2
Time: 10:55										
Method:										.8

PURGE DATA

Date:	Volume	pH	S.C.	Temp (°C)	Turbidity	DO	~~Salinity~~ cond	DOC	ORP
Method:	Initial	5.87	5330	27.82	1862	25.7	—	562.00	16.5	52.4
Monitor Reading (ppm):	1	5.74	5400	27.62	1252.8	23.3	—	568.00	12.5	59.7
Well Casing Diameter:	2	5.72	5420.00	27.55	1265.9	22.1	—	568.00	12.5	61.9
Well Casing Material:	3	5.69	5420.00	27.63	1077.1	20.3	—	571.00	12.5	64.3
Total Well Depth (TD):	4	5.70	5450.0	27.68	1005.2	19.2	—	572.00	12.5	65.5
Static Water Level (WL): 6.32										
One Casing Volume(gal/L):										
Start Purge (hrs):										
End Purge (hrs):										
Total Purge Time (min):										
Total Vol. Purged (gal/L):										

SAMPLE COLLECTION INFORMATION

Analysis	Preservative	Container Requirements	Collected

OBSERVATIONS / NOTES

Circle if Applicable:

MS/MSD | Duplicate ID No.:

Signature(s):

GROUNDWATER SAMPLE LOG SHEET

Project Site Name: Orlando NTC
Project No.: 7457

[ ] Domestic Well Data
[ ] Monitoring Well Data
[ ] Other Well Type:
[ ] QA Sample Type:

Sample ID No.: Duplicate OU2MWDC1200 / OU2MWC09300
Sample Location:
Sampled By:
C.O.C. No.:
Type of Sample:
[ ] Low Concentration
[ ] High Concentration

SAMPLING DATA

Date: / Time:	Color	pH	S.C. mS/cm	Temp. °C	Turbidity NTU	DO (mg/L) Meter	DO (mg/L) Titration	CO_2	H_2S	Fe +2
Time: 0910										
Method:						4.6	17x0.2 = 3.4	5x2=10	0.7	3.6

PURGE DATA

Date:	Volume	pH	S.C.	Temp (°C)	Turbidity	DO%	Salinity	CON	DOC	ORP
Method:	Initial	5.48	293.00	24.04	706.7	5.9	—	288.00	15.5	-18.5
Monitor Reading (ppm):	1	5.45	291.00	23.94	4637	5.4	—	285.00	15.5	-23.4
Well Casing Diameter:	2	5.45	286.00	23.99	295.0	5.3		279.00	15.5	-32.0
Well Casing Material:	3	5.42	281.00	23.98	193.0	5.0		276.00	16.5	-36.4
Total Well Depth (TD):		5.40	278.00	24.06	150.0	4.6		273.00	15.5	-39.9
Static Water Level (WL): 8.65		5.40	276.00	24.12	141.6	4.7		271.00	15.5	-41.6
One Casing Volume(gal/L):		5.40	275.00	24.12	135.2	4.6		270.00	15.5	-42.0
Start Purge (hrs):										
End Purge (hrs):										
Total Purge Time (min):										
Total Vol. Purged (gal/L):										

DTW | 0
8.65 | 0
9.32 | 2

SAMPLE COLLECTION INFORMATION

Analysis	Preservative	Container Requirements	Collected

OBSERVATIONS / NOTES

Circle if Applicable:

MS/MSD	Duplicate ID No.:

Signature(s):

GROUNDWATER SAMPLE LOG SHEET

Project Site Name: Orlando NTC
Project No.: 7457

[ ] Domestic Well Data
[✓] Monitoring Well Data
[ ] Other Well Type:
[ ] QA Sample Type:

Sample ID No.: OU2MW10A00
Sample Location: OU-2-12-10A
Sampled By: GB.
C.O.C. No.:
Type of Sample:
[ ] Low Concentration
[ ] High Concentration

SAMPLING DATA

Date: 7/21/98	Color	pH	S.C. mS/cm	Temp. °C	Turbidity NTU	DO (mg/L) Meter	DO (mg/L) Titration	CO_2	H_2S	Fe +2
Time: 9:00										
Method:	Brown						1.32	110	0.3	1.5

PURGE DATA

Date: 7/21	Volume	pH	S.C.	Temp (°C)	Turbidity	DO %	Salinity	DO_c	ORP	CND
Method: FID	Initial	6.10	2200	26.32	400.0	33.5	N/A	26.1	-60.1	250.0
Monitor Reading (ppm): 0	1	6.12	217.6	26.40	348.0	34.1		26.1	-61.2	252.0
Well Casing Diameter: 2"	2	6.11	218.0	26.40	350.0	33.8		26.1	-61.5	248.0
Well Casing Material: PVC.	3	6.11	218.0	26.42	345	33.6	✓	26.1	-61.0	248.0
Total Well Depth (TD): 45 Ft										
Static Water Level (WL): 3.21										
One Casing Volume(gal/L):										
Start Purge (hrs):										
End Purge (hrs):										
Total Purge Time (min):										
Total Vol. Purged (gal/L):										

SAMPLE COLLECTION INFORMATION

Analysis	Preservative	Container Requirements	Collected

OBSERVATIONS / NOTES

Circle if Applicable:

MS/MSD | Duplicate ID No.:

Signature(s):

GROUNDWATER SAMPLE LOG SHEET

Project Site Name: Orlando NTC
Project No.: 7457

[ ] Domestic Well Data
[✓] Monitoring Well Data
[ ] Other Well Type:
[ ] QA Sample Type:

Sample ID No.: OU2MW10B00
Sample Location: OLD-OU2-10B
Sampled By: GTB
C.O.C. No.:
Type of Sample:
[ ] Low Concentration
[ ] High Concentration

SAMPLING DATA

Date: 7/21 / Time:	Color	pH	S.C. mS/cm	Temp. °C	Turbidity NTU	DO (mg/L) Meter	DO (mg/L) Titration	CO_2	H_2S	Fe +2
Method:								123.8	0.7	1.8

PURGE DATA

Date: 7/21	Volume	pH	S.C.	Temp (°C)	Turbidity	DO%	Salinity	DOc	ORP	CND
Method: FID	Initial	5.90	217.00	26.32	343.0	32.5		26.7	-61.1	222.00
Monitor Reading (ppm): 0	1	5.90	214.00	26.45	514.4	34.5		26.7	-66.0	221.00
Well Casing Diameter: 2"	2	5.85	212.00	26.44	327.1	36.6		26.7	-72.0	219.00
Well Casing Material: PVC	3	5.87	212.00	26.44	510.2	35.8		26.7	-68.0	219.00
Total Well Depth (TD):										
Static Water Level (WL): 3.48										
One Casing Volume(gal/L):										
Start Purge (hrs): 15:10										
End Purge (hrs): 16:00										
Total Vol. Purged (gal/L): 10 gal										

DTW	Time
3.48	initial
3.52	9.45
3.55	9.50
3.50	9.55
3.50	10.00
3.51	10.05

SAMPLE COLLECTION INFORMATION

Analysis	Preservative	Container Requirements	Collected

OBSERVATIONS / NOTES

Circle if Applicable:

MS/MSD | Duplicate ID No.:

Signature(s):

GROUNDWATER SAMPLE LOG SHEET

Project Site Name: Orlando NTC
Project No.: 7457

[ ] Domestic Well Data
[ ] Monitoring Well Data
[ ] Other Well Type:
[ ] QA Sample Type:

Sample ID No.: 0402MW11A02
Sample Location:
Sampled By:
C.O.C. No.:
Type of Sample:
[ ] Low Concentration
[ ] High Concentration

SAMPLING DATA

Date: 8/5/98 / Time:	Color	pH	S.C. mS/cm	Temp. °C	Turbidity NTU	DO (mg/L) Meter	DO (mg/L) Titration	CO_2	H_2S	Fe +2
Method:							65x		0.7	1.8

PURGE DATA

Date:	Volume	pH	S.C.	Temp (°C)	Turbidity	DO	~~Salinity~~	CND	DOc	ORP
Method:	Initial	5.02	89.00	25.72	1684.3	4.8		90.00	12.4	10.9
Monitor Reading (ppm):	1	5.00	88.00	25.82	1546.0	4.9		89.00	12.4	35.0
Well Casing Diameter:	2	4.98	88.00	25.95	1552.0	4.7		90.00	12.4	32.3
Well Casing Material:	3	5.00	89.00	26.00	1543.0	4.6		90.00	12.4	30.8
Total Well Depth (TD):		5.02	88.0	26.10	1606.0	4.7		90.00	12.4	28.4
Static Water Level (WL):										
One Casing Volume(gal/L):										
Start Purge (hrs):										
End Purge (hrs):										
Total Purge Time (min):										
Total Vol. Purged (gal/L):										

SAMPLE COLLECTION INFORMATION

Analysis	Preservative	Container Requirements	Collected

OBSERVATIONS / NOTES

Circle if Applicable:
MS/MSD
Duplicate ID No.:

Signature(s):

GROUNDWATER SAMPLE LOG SHEET

Project Site Name: Orlando NTC
Project No.: 7457

[ ] Domestic Well Data
[✓] Monitoring Well Data
[ ] Other Well Type:
[ ] QA Sample Type:

Sample ID No.: OU2MW11BOD
Sample Location: OLO-OU2-11B
Sampled By:
C.O.C. No.:
Type of Sample:
[ ] Low Concentration
[ ] High Concentration

SAMPLING DATA

Date: 8/5	Color	pH	S.C. mS/cm	Temp. °C	Turbidity NTU	DO (mg/L)		CO_2	H_2S	Fe +2
Time:						Meter	Titration			
Method:							<0.1	103.2	2.0	2.6

PURGE DATA

Date: 8/5	Volume	pH	S.C.	Temp (°C)	Turbidity	DO	~~Salinity~~	CND	Doc	ORP
Method: PID	Initial	5.89	734	25.31	839.00	6.8		802.00	12.4	-13.9
Monitor Reading (ppm): 0	1	6.92	889.0	25.44	985.0	1.5		914.00	10.4	-119.2
Well Casing Diameter: 2"	2	6.38	644	25.29	1871	3.8		695.00	12.4	-105.5
Well Casing Material: PVC	3	6.32	625	25.35	1871.7	4.3		625.00	13.5	-106.8
Total Well Depth (TD):		6.26	595	25.35	1871.8	4.7		596.00	13.5	-108.6
Static Water Level (WL): 7.32		6.16	553	25.39	13912	5.5		553.0	13.5	-108.4
One Casing Volume(gal/L):		6.13	537	25.32	10509	5.9		540.0	14.5	-109.1
Start Purge (hrs): 10:50		6.11	530.0	25.44	8500	6.1		531.0	14.5	-109.2
End Purge (hrs): 11:325										
Total Purge Time (min):										
Total Vol. Purged (gal/L):										

SAMPLE COLLECTION INFORMATION

Analysis	Preservative	Container Requirements	Collected

OBSERVATIONS / NOTES

Circle if Applicable:

MS/MSD | Duplicate ID No.:

Signature(s):

GROUNDWATER SAMPLE LOG SHEET

Project Site Name: Orlando NTC
Project No.: 7457

[ ] Domestic Well Data
[ ] Monitoring Well Data
[ ] Other Well Type:
[ ] QA Sample Type:

Sample ID No.: 042MW12AOO
Sample Location: OLD-042-12A
Sampled By: GB
C.O.C. No.:
Type of Sample:
[ ] Low Concentration
[ ] High Concentration

SAMPLING DATA

Date: 8/4/98	Color	pH	S.C. mS/cm	Temp. °C	Turbidity NTU	DO (mg/L) Meter	DO (mg/L) Titration	CO_2	H_2S	Fe +2
Time: 8:45										
Method:							2.4	105.6	0.0	1.4

PURGE DATA

Date: 8/4	Volume	pH	S.C.	Temp (°C)	Turbidity	DO %	~~Salinity~~	cnd	DO	ORP
Method: FID	Initial	4.97	107	26.32	153.8	12.2		110.00	9.4	98.6
Monitor Reading (ppm): 0	1	4.66	106.00	26.18	169.1	4.7		108.00	10.4	118.3
Well Casing Diameter: 2"	2	4.57	104.00	25.91	30.6	3.5		106.00	10.4	121.9
Well Casing Material: PVC	3	4.62	103.00	26.15	12.3	3.5		105.00	10.4	115.2
Total Well Depth (TD):		4.64	102.00	26.16	7.0	3.9		104.00	10.4	109.5
Static Water Level (WL): 7.40		4.62	101.00	26.14	5.5	3.9		103.00	11.4	106.6
One Casing Volume(gal/L):		4.62	101.00	26.18	4.1	3.9		103.00	11.4	105.9
Start Purge (hrs):										
End Purge (hrs):										
Total Purge Time (min):										
Total Vol. Purged (gal/L):										

SAMPLE COLLECTION INFORMATION

Analysis	Preservative	Container Requirements	Collected

OBSERVATIONS / NOTES

~~Circle if Applicable:~~

MS/MSD

Duplicate ID No.:

Signature(s):

GROUNDWATER SAMPLE LOG SHEET

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Project Site Name: Orlando NTC
Project No.: 7457

[✓] Domestic Well Data
[ ] Monitoring Well Data
[ ] Other Well Type:
[ ] QA Sample Type:

Sample ID No.: CU2MW12BG2
Sample Location: OLD-CU2-12B
Sampled By: CB
C.O.C. No.:
Type of Sample:
[ ] Low Concentration
[ ] High Concentration

SAMPLING DATA

Date: 8/3	Color	pH	S.C. mS/cm	Temp. °C	Turbidity NTU	DO (mg/L) Meter	DO (mg/L) Titration	CO_2	H_2S	Fe +2
Time: 15:30										
Method:							2 12	101.2	0.0	1.5

PURGE DATA

Date: 8/3	Volume	pH	S.C.	Temp (°C)	Turbidity	DO	Salinity	CND	DOc	ORP
Method: FID	Initial	5.10	108.0	26.21	214.9	10.1		115.0	9.4	105.2
Monitor Reading (ppm): 0	1	5.12	107.0	26.10	160.0	5.3		101.0	9.8	100.2
Well Casing Diameter: 2"	2	5.12	107.0	26.15	50.0	4.2		102.0	9.8	100.1
Well Casing Material: PVC	3	5.15	107.0	26.18	10.0	4.1		101.0	9.8	98.2
Total Well Depth (TD):		5.16	106.0	26.19	10.0	4.1		101.0	9.8	98.3
Static Water Level (WL): 7.21		5.16	107.0	26.19	8.0	4.1		102.0	9.8	98.1
One Casing Volume(gal/L):										
Start Purge (hrs): 15:30										
End Purge (hrs): 16:10										
Total Purge Time (min): 40										
Total Vol. Purged (gal/L): ≈ 45										

SAMPLE COLLECTION INFORMATION

Analysis	Preservative	Container Requirements	Collected

OBSERVATIONS / NOTES

Circle if Applicable:
MS/MSD
Duplicate ID No.:

Signature(s):

GROUNDWATER SAMPLE LOG SHEET

Project Site Name: Orlando NTC
Project No.: 7457

[ ] Domestic Well Data
[ ] Monitoring Well Data
[ ] Other Well Type:
[ ] QA Sample Type:

Sample ID No.: OU2MW13A00
Sample Location:
Sampled By: GB
C.O.C. No.:
Type of Sample:
[ ] Low Concentration
[ ] High Concentration

SAMPLING DATA

	Color	pH	S.C. mS/cm	Temp. °C	Turbidity NTU	DO (mg/L) Meter	DO (mg/L) Titration	CO_2	H_2S	Fe +2
Date: 7/21										
Time: 14:30										
Method:							7X0.02	2x5E	0	0.0

PURGE DATA

Date:	Volume	pH	S.C.	Temp (°C)	Turbidity	DO	Salinity	Doc	cond	ORP
Method:	Initial	4.85	149 @	26.71	354.7	10.8		19.6	155.@	81.4
Monitor Reading (ppm):	1	4.89	151.@	26.22	262.1	10.0		21.6	155.0	87.3
Well Casing Diameter:	2	5.05	151 @	26.48	174.0	9.1		21.6	154 @	85.2
Well Casing Material:	3	5.02	150 @	26.50	148.0	8.6		21.6	155.0	86.2
Total Well Depth (TD):		5.06	152.0	26.60	140.0	8.3		21.6	156.0	87.4
Static Water Level (WL): 6.22		5.03	152.6	26.56	140.0	8.0		21.6	156.0	90.0
One Casing Volume(gal/L):										
Start Purge (hrs):										
End Purge (hrs):										
Total Purge Time (min):										
Total Vol. Purged (gal/L):										

DTW	Time
6.22	0
6.45	5
6.30	10

SAMPLE COLLECTION INFORMATION

Analysis	Preservative	Container Requirements	Collected

OBSERVATIONS / NOTES

Circle if Applicable:

MS/MSD | Duplicate ID No.:

Signature(s):

GROUNDWATER SAMPLE LOG SHEET

Project Site Name: Orlando NTC
Project No.: 7457

[ ] Domestic Well Data
[ ] Monitoring Well Data
[ ] Other Well Type:
[ ] QA Sample Type:

Sample ID No.: OU2MW13B00
Sample Location:
Sampled By:
C.O.C. No.:
Type of Sample:
[ ] Low Concentration
[ ] High Concentration

SAMPLING DATA

Date: 7/21 / Time: 11:50	Color	pH	S.C. mS/cm	Temp. °C	Turbidity NTU	DO (mg/L) Meter	DO (mg/L) Titration	CO_2	H_2S	Fe +2
Method:								449 x 0.2	0.5	2.0

PURGE DATA

DTW 6.15 | Time 0

Date:	Volume	pH	S.C.	Temp (°C)	Turbidity	DO %	Salinity	cond	DO	ORP
Method:	Initial	6.11	255.0	25.6	165.5	24.1		250 ∞	19.6	-19.3
Monitor Reading (ppm): 0	1	5.68	218.0	25.00	342.0	10.6		217 ∞	21.6	-24.2
Well Casing Diameter: 2"	2	5.65	213.0	24.94	365.0	9.8		211.00	21.6	-30.1
Well Casing Material:	3	5.67	201.0	25.07	350.0	9.1		201.00	21.6	-34.6
Total Well Depth (TD):	4	5.67	197.0	25.08	358.0	9.1		196.0	21.6	-35.2
Static Water Level (WL): 6.15										
One Casing Volume(gal/L):										
Start Purge (hrs):										
End Purge (hrs):										
Total Purge Time (min):										
Total Vol. Purged (gal/L):										

SAMPLE COLLECTION INFORMATION

Analysis	Preservative	Container Requirements	Collected

OBSERVATIONS / NOTES

Circle if Applicable:

MS/MSD | Duplicate ID No.:

Signature(s):

Page___ of ___

GROUNDWATER SAMPLE LOG SHEET

Project Site Name: Orlando NTC
Project No.: 7457

[ ] Domestic Well Data
[ ] Monitoring Well Data
[ ] Other Well Type: _____
[ ] QA Sample Type: _____

Sample ID No.: OU2MW14A00
Sample Location: _____
Sampled By: _____
C.O.C. No.: _____
Type of Sample:
[ ] Low Concentration
[ ] High Concentration

SAMPLING DATA

Date: / Time:	Color	pH	S.C. mS/cm	Temp. °C	Turbidity NTU	DO (mg/L) Meter	DO (mg/L) Titration	CO_2	H_2S	Fe +2
Method:							x 3L	2 x 52	0.3	2.2

PURGE DATA

Date: 8/3/98	Volume	pH	S.C.	Temp (°C)	Turbidity	DO	~~Salinity~~	CND	DOC	ORP
Method:	Initial	4.33	139.00	25.58	1870.8	9.0		141.00	16.5	117.9
Monitor Reading (ppm):	1	4.37	138.00	27.92	676.7	18.5		145.00	18.6	109.4
Well Casing Diameter:	2	4.39	137.00	25.66	299.5	12.6		138.00	17.5	107.0
Well Casing Material:	3	4.42	136.00	25.74	97.8	11.9		135.00	17.5	101.3
Total Well Depth (TD):		4.43	1360	25.84	51.4	11.4		138.00	17.5	98.9
Static Water Level (WL): 7.32		4.44	135.0	25.79	39.3	11.1		137.00	17.5	97.8
One Casing Volume(gal/L):										
Start Purge (hrs): 1116 AM										
End Purge (hrs):										
Total Purge Time (min):										
Total Vol. Purged (gal/L):										

SAMPLE COLLECTION INFORMATION

Analysis	Preservative	Container Requirements	Collected

OBSERVATIONS / NOTES

Circle if Applicable:

MS/MSD | Duplicate ID No.:

Signature(s):

GROUNDWATER SAMPLE LOG SHEET

Project Site Name: Orlando NTC
Project No.: 7457

[ ] Domestic Well Data
[ ] Monitoring Well Data
[ ] Other Well Type:
[ ] QA Sample Type:

Sample ID No.: 042MW14BOD
Sample Location:
Sampled By:
C.O.C. No.:
Type of Sample:
[ ] Low Concentration
[ ] High Concentration

SAMPLING DATA

Date: / Time:	Color	pH	S.C. mS/cm	Temp. °C	Turbidity NTU	DO (mg/L) Meter	DO (mg/L) Titration	CO_2	H_2S	Fe +2
Method:								2.0K 46	0.7	2.6

PURGE DATA

Date: 8/3/05	Volume	pH	S.C.	Temp (°C)	Turbidity	DO %	Salinity	CND	Doc	ORP
Method:	Initial	6.01	6866	24.11	604.3	6.1		732	11.4	58.2
Monitor Reading (ppm):	1	5.95	739 ω	23.87	1859.9	2.6		729.00	13.5	57.6
Well Casing Diameter: 2"	2	5.98	747.00	23.94	1860.4	3.0		731.00	13.5	45.3
Well Casing Material: PVC	3	5.97	725.0	23.88	1860.2	2.9		708.00	14.5	34.7
Total Well Depth (TD):		5.96	706	23.88	1860.2	3.3		687.00	14.5	28.1
Static Water Level (WL): 7.18		5.94	680	23.88	1860.2	3.6		662.00	14.5	22.4
One Casing Volume(gal/L):		5.92	657.00	23.89	1856.1	3.7		642.00	15.5	17.8
Start Purge (hrs):		5.91	636.00	23.91	1801.0	3.8		616.00	15.5	14.0
End Purge (hrs):		5.88	605.00	23.87	1555.0	3.9		589.00	15.5	9.5
Total Purge Time (min):		5.87	572.00	23.91	1676.00	3.9		561.00	15.5	6.1
Total Vol. Purged (gal/L):		5.87	592.0	23.90	1470.0	3.7		560.00	15.5	4.1

SAMPLE COLLECTION INFORMATION

Analysis	Preservative	Container Requirements	Collected

OBSERVATIONS / NOTES

Circle if Applicable:
MS/MSD
Duplicate ID No.:

Signature(s):

GROUNDWATER SAMPLE LOG SHEET

Project Site Name: Orlando NTC
Project No.: 7457

[ ] Domestic Well Data
[X] Monitoring Well Data
[ ] Other Well Type:
[ ] QA Sample Type:

Sample ID No.:
Sample Location:
Sampled By:
C.O.C. No.:
Type of Sample:
[X] Low Concentration
[ ] High Concentration

SAMPLING DATA

Date: 2-17-15 / Time:	Color	pH	S.C. mS/cm	Temp. °C	Turbidity NTU	DO (mg/L) Meter	DO (mg/L) Titration	CO_2	H_2S	Fe +2
Method:	Clear	591	730	25.70	[illegible]	[illegible]	0.98	113.4	0.3	1.5

PURGE DATA

Date: 2-17-15	Volume	pH	S.C.	Temp (°C)	Turbidity	DO	Salinity			
Method:	Initial	6.16	746	3407	1711.7	131.1	—	45.2	-0.8	411.0
Monitor Reading (ppm):	1	5.75	3270	3.38	1430	164.6	—	50.2	-0.5	385.4
Well Casing Diameter: 2"	2	5.9	3290	24.55	1233	166.6	—	52.3	1.4	364.0
Well Casing Material: PVC	3	5.74	3350	27.81	1554.6	158.7	—	56.3	-2.6	352.8
Total Well Depth (TD):	4	5.72	3.30	28.00	1557.0	307.3	—	56.3	-15.2	349.0
Static Water Level (WL): [illegible]	5	5.91	737	29.30	1[illegible]	2114.8		54.3	-27.1	351.0
One Casing Volume(gal/L):										
Start Purge (hrs): 1130										
End Purge (hrs):										
Total Purge Time (min):										
Total Vol. Purged (gal/L):										

SAMPLE COLLECTION INFORMATION

Analysis	Preservative	Container Requirements	Collected

OBSERVATIONS / NOTES

Circle if Applicable:

MS/MSD | Duplicate ID No.:

Signature(s):

GROUNDWATER SAMPLE LOG SHEET

Project Site Name: Orlando NTC
Project No.: 7457

[ ] Domestic Well Data
[X] Monitoring Well Data
[ ] Other Well Type:
[ ] QA Sample Type:

Sample ID No.: @42 MW 15 [illegible]
Sample Location:
Sampled By:
C.O.C. No.:
Type of Sample:
[X] Low Concentration
[ ] High Concentration

SAMPLING DATA

Date: / Time:	Color	pH	S.C. mS/cm	Temp. °C	Turbidity NTU	DO (mg/L) Meter	DO (mg/L) Titration	CO_2	H_2S	Fe +2
Method:	cloudy	5.35	136.66	22.02	8999	13.6	.20	89.4	5.0	2.5

PURGE DATA

Date: 7-13-95	Volume	pH	S.C.	Temp (°C)	Turbidity	DO	Salinity			
Method:	Initial	5.00	113.60	22.19	1572.3	5.40	—	34.9	-5.5	124.6
Monitor Reading (ppm):	1	5.23	129.60	24.01	1487.5	4.41	—	35.9	-32.5	142.4
Well Casing Diameter: 2"	2	5.50	132.0	22.56	1854.2	2.98	—	32.9	-43.5	138.2
Well Casing Material: PVC	3	5.54	133.0	22.69	1885.0	2.27	—	31.8	-45.2	140.4
Total Well Depth (TD):	4	5.45	136.00	22.27	1852.0	1.68	—	30.8	-53.4	141.6
Static Water Level (WL): 55'	5	5.34	136.66	22.56	1883.5	1.53	—	30.8	-53.7	142.0
One Casing Volume(gal/L):	6	5.55	136.0	22.63	1879.9	1.36	—	29.5	-56.0	141.0
Start Purge (hrs): 15:25										
End Purge (hrs):										
Total Purge Time (min):										
Total Vol. Purged (gal/L):										

SAMPLE COLLECTION INFORMATION

Analysis	Preservative	Container Requirements	Collected

OBSERVATIONS / NOTES

[illegible]

Circle if Applicable:

MS/MSD | Duplicate ID No.:

Signature(s):

GROUNDWATER SAMPLE LOG SHEET

Project Site Name: Orlando NTC
Project No.: 7457

[ ] Domestic Well Data
[ ] Monitoring Well Data
[ ] Other Well Type:
[ ] QA Sample Type:

Sample ID No.: 042MW16ACC
Sample Location:
Sampled By:
C.O.C. No.:
Type of Sample:
[ ] Low Concentration
[ ] High Concentration

SAMPLING DATA

Date: 7-17-98 / Time: 10:50	Color	pH	S.C. mS/cm	Temp. °C	Turbidity NTU	DO (mg/L) Meter	DO (mg/L) Titration	CO_2	H_2S	Fe +2
Method:	Cloudy	4.80	330	27.51	1881.2	122.0	1.14	10	0.1	1.4

PURGE DATA

Date: 7-17-98	Volume	pH	S.C.	Temp (°C)	Turbidity	DO%	Salinity			
Method:	Initial	4.77	351.0	26.15	1922.3	113.6	—	45.1	101.7	3.34
Monitor Reading (ppm):	1	4.71	351.0	26.62	1904.3	113.3	—	44.1	105.4	3.35
Well Casing Diameter: 2"	2	4.80	327.0	26.94	1836.3	117.2	—	45.1	111.9	3.40
Well Casing Material: PVC	3	4.80	336.0	27.51	1881.2	122.0	—	46.1	110.2	3.45
Total Well Depth (TD):										
Static Water Level (WL): 5.26										
One Casing Volume(gal/L):										
Start Purge (hrs): 0855										
End Purge (hrs): 1050										
Total Purge Time (min):										
Total Vol. Purged (gal/L):										

SAMPLE COLLECTION INFORMATION

Analysis	Preservative	Container Requirements	Collected

OBSERVATIONS / NOTES

Circle if Applicable:

MS/MSD | Duplicate ID No.:

Signature(s):

GROUNDWATER SAMPLE LOG SHEET

Project Site Name:	Orlando NTC	Sample ID No.:	[illegible]
Project No.:	7457	Sample Location:	[illegible]
		Sampled By:	
[ ] Domestic Well Data		C.O.C. No.:	
[ ] Monitoring Well Data		Type of Sample:	
[ ] Other Well Type:		[ ] Low Concentration	
[ ] QA Sample Type:		[ ] High Concentration	

SAMPLING DATA

Date: 7-16-98	Color	pH	S.C. mS/cm	Temp. °C	Turbidity NTU	DO (mg/L) Meter	DO (mg/L) Titration	CO_2	H_2S	Fe +2
Time: 16:55										
Method:	cloudy	6.05	2330	24.38	1410.2	30.5	n/d	1042	2.0	3.0

PURGE DATA

Date: 7/16	Volume	pH	S.C.	Temp (°C)	Turbidity	DO	Salinity	Dec	ORP	[illegible]
Method:	Initial	5.00	3180	24.27	92.5	36.5	—	38.0	-30.4	324
Monitor Reading (ppm):	1	5.99	3330	24.07	339	33.2	—	36.9	-41.7	319.0
Well Casing Diameter:	2	6.07	2990	24.19	1341.4	36.9	—	34.9	-82.8	311.0
Well Casing Material:	3	6.08	284	24.43	1463.0	36.2	—	34.9	-102.9	280.0
Total Well Depth (TD):		6.11	280	24.56	1485.0	36.4	—	35.9	-110.6	274.0
Static Water Level (WL): 4.84		6.10	270	24.46	1460.0	33.3	—	35.9	-115.0	265.0
One Casing Volume(gal/L):		6.01	261	24.41	1520.0	31.5	—	35.9	-120.9	257.0
Start Purge (hrs): 15:30		6.06	248	24.41	1503.0	29.7	—	35.9	-126.9	242.0
End Purge (hrs): 16:55		6.05	237	24.41	1473.0	28.3	—	35.9	-131.0	235.0
Total Purge Time (min):		6.05	2370	24.38	1410.2	30.5	—	35.9	-137.0	231.0
Total Vol. Purged (gal/L):										

SAMPLE COLLECTION INFORMATION

Analysis	Preservative	Container Requirements	Collected

OBSERVATIONS / NOTES

n/d unable to accurately determine DO by titration method

Circle if Applicable:		Signature(s):
MS/MSD	Duplicate ID No.:	

GROUNDWATER SAMPLE LOG SHEET

Project Site Name: Orlando NTC
Project No.: 7457

[ ] Domestic Well Data
[X] Monitoring Well Data
[ ] Other Well Type:
[ ] QA Sample Type:

Sample ID No.: 042MW17BGC
Sample Location: OLD-042-12B
Sampled By: Tom Mc Tighe + CARS
C.O.C. No.:
Type of Sample:
[X] Low Concentration
[ ] High Concentration

SAMPLING DATA

Date: 2-15-18 / Time: 1630	Color	pH	S.C. mS/cm	Temp. °C	Turbidity NTU	DO (mg/L) Meter	DO (mg/L) Titration	CO_2	H_2S	Fe +2
Method: Sub Pump	Clear	5.42	175.0	26.82	136.0	8.5	0.44	106.6	2.0	0.0

PURGE DATA

Date: 2-15-18	Volume	pH	S.C.	Temp (°C)	Turbidity	DO %	Salinity	ORP		
Method: Sub. Pump	Initial	5.61	2210	25.11	60.89	15.6	—	32.8	222.0	18.6
Monitor Reading (ppm): 0 ppm	1	5.43	2000	24.46	1477.0	10.2	—	30.8	196.0	-22.6
Well Casing Diameter: 2"	2	5.44	199.0	25.76	1,453.0	10.2	—	30.8	197.0	-40.5
Well Casing Material: PVC	3	5.44	197.0	25.66	1,460.0	11.7	—	31.8	202	-50.4
Total Well Depth (TD):	4	5.47	195.0	26.33	1,391.7	9.8	—	30.8	201	-51.7
Static Water Level (WL): 7.16	5	5.44	195.0	26.82	1,346.0	8.5	—	31.3	200	-51.3
One Casing Volume(gal/L):										
Start Purge (hrs): 15:50										
End Purge (hrs): 16.30										
Total Purge Time (min): 40										
Total Vol. Purged (gal/L):										

SAMPLE COLLECTION INFORMATION

Analysis	Preservative	Container Requirements	Collected

OBSERVATIONS / NOTES

Circle if Applicable:

MS/MSD | Duplicate ID No.:

Signature(s):

GROUNDWATER SAMPLE LOG SHEET

Project Site Name: Orlando NTC
Project No.: 7457

[ ] Domestic Well Data
[ ] Monitoring Well Data
[ ] Other Well Type:
[ ] QA Sample Type:

Sample ID No.: 042MW18A020
Sample Location:
Sampled By:
C.O.C. No.:
Type of Sample:
[ ] Low Concentration
[ ] High Concentration

SAMPLING DATA

Date: / Time:	Color	pH	S.C. mS/cm	Temp. °C	Turbidity NTU	DO (mg/L) Meter	DO (mg/L) Titration	CO_2	H_2S	Fe +2
Method:							66x	9ux2	0-0	2-8

PURGE DATA

Date:	Volume	pH	S.C.	Temp (°C)	Turbidity	DO%	~~Salinity~~	CND	DO	ORP
Method:	Initial	5.23	74.00	32.32	607.4	17.2		82.00	8.4	90.2
Monitor Reading (ppm):	1	4.64	71.00	29.67	444.3	9.8		76.00	9.4	101.4
Well Casing Diameter:	2	4.55	66.00	28.74	945.1	8.6		70.00	9.4	116.4
Well Casing Material:	3	4.55	65.00	29.49	1524.2	9.1		70.00	10.4	126.1
Total Well Depth (TD):		4.68	64.00	29.42	1258.2	8.9		69.00	10.4	121.3
Static Water Level (WL): 1.90		4.76	63.00	30.22	1216.2	9.2		70.00	9.2	120.7
One Casing Volume(gal/L):		4.76	63.00	30.06	1365.2	9.1		69.00	10.4	121.4
Start Purge (hrs):		4.77	63.00	29.41	1095.00	9.0		68.00	10.4	124.1
End Purge (hrs):										
Total Purge Time (min):										
Total Vol. Purged (gal/L):										

SAMPLE COLLECTION INFORMATION

Analysis	Preservative	Container Requirements	Collected

OBSERVATIONS / NOTES

Circle if Applicable:

MS/MSD | Duplicate ID No.:

Signature(s):

GROUNDWATER SAMPLE LOG SHEET

Project Site Name: Orlando NTC
Project No.: 7457

[ ] Domestic Well Data
[ ] Monitoring Well Data
[ ] Other Well Type:
[ ] QA Sample Type:

Sample ID No.: OU2MW18BDD
Sample Location:
Sampled By:
C.O.C. No.:
Type of Sample:
[ ] Low Concentration
[ ] High Concentration

SAMPLING DATA

Date: / Time:	Color	pH	S.C. mS/cm	Temp. °C	Turbidity NTU	DO (mg/L) Meter	DO (mg/L) Titration	CO_2	H_2S	Fe +2
Method:							<0.1	133	5.0	1.8

PURGE DATA

Date:	Volume	pH	S.C.	Temp (°C)	Turbidity	DO	Salinity	ORP	DOC	ORP
Method:	Initial	5.61	262.00	25.13	2391	5.5		259.00	10.4	79.4
Monitor Reading (ppm):	1	5.47	259.00	24.60	1836.9	2.9		257.00	11.4	13.9
Well Casing Diameter:	2	5.46	224.00	24.67	857.3	3.1		223.00	12.4	-2.7
Well Casing Material:	3	5.45	182.00	24.62	207.8	3.6		181.00	12.4	-19.3
Total Well Depth (TD):	4	5.44	168.00	24.39	108.6	3.7		165.00	12.4	-25.1
Static Water Level (WL): 7.74	5	5.44	166.00	24.38	56.2	3.9		165.00	12.4	-31.1
One Casing Volume(gal/L):	6	5.42	159.00	24.42	48.7	3.8		153.00	12.4	-31.7
Start Purge (hrs):	7	5.41	157.00	24.45	36.2	3.8		156.00	12.4	-33.0
End Purge (hrs):	8	5.40	158.00	24.47	35.5	3.7		153.00	12.4	-33.5
Total Purge Time (min):										
Total Vol. Purged (gal/L):										

SAMPLE COLLECTION INFORMATION

Analysis	Preservative	Container Requirements	Collected

OBSERVATIONS / NOTES

Circle if Applicable:

MS/MSD | Duplicate ID No.:

Signature(s):

GROUNDWATER SAMPLE LOG SHEET

Project Site Name: Orlando NTC
Project No.: 7457

[ ] Domestic Well Data
[✓] Monitoring Well Data
[ ] Other Well Type:
[ ] QA Sample Type:

Sample ID No.: OU2MW19AGD
Sample Location: OU2-19A
Sampled By: CB
C.O.C. No.:
Type of Sample:
[ ] Low Concentration
[ ] High Concentration

SAMPLING DATA

Date: 7/16 / Time: / Method:	Color	pH	S.C. mS/cm	Temp. °C	Turbidity NTU	DO (mg/L) Meter	DO (mg/L) Titration	CO_2	H_2S	Fe +2
							ND	12.0	2.3	3.2

PURGE DATA

Date: 7/16	Volume	pH	S.C.	Temp (°C)	Turbidity	DO	Salinity	DOc	ORP	CND
Method: FID	Initial	5.72	260	24.8	1650	35.2		35.2	-12.3	260
Monitor Reading (ppm): 0	1	5.82	265	24.7	1520	30.1		35.6	-10.1	255
Well Casing Diameter: 2"	2	5.81	259	24.7	1410	30.2		35.6	-11.0	252
Well Casing Material: PVC	3	5.80	259	24.8	1410	30.2		35.6	-11.1	250
Total Well Depth (TD):		5.81	260	24.6	1402	30.1		35.6	-11.5	250
Static Water Level (WL): 7.65										
One Casing Volume(gal/L):										
Start Purge (hrs): 9:00										
End Purge (hrs): 9:40										
Total Purge Time (min): 40										
Total Vol. Purged (gal/L):										

SAMPLE COLLECTION INFORMATION

Analysis	Preservative	Container Requirements	Collected

OBSERVATIONS / NOTES

Circle if Applicable:
MS/MSD
Duplicate ID No.:

Signature(s):

Page___ of ___

GROUNDWATER SAMPLE LOG SHEET

Project Site Name: Orlando NTC
Project No.: 7457

[ ] Domestic Well Data
[ ] Monitoring Well Data
[ ] Other Well Type:
[ ] QA Sample Type:

Sample ID No.:
Sample Location:
Sampled By:
C.O.C. No.:
Type of Sample:
[ ] Low Concentration
[ ] High Concentration

SAMPLING DATA

Date: / Time:	Color	pH	S.C. mS/cm	Temp. °C	Turbidity NTU	DO (mg/L) Meter	DO (mg/L) Titration	CO_2	H_2S	Fe +2
Method:	cloudy	5.49	242.00	24.78	1850.0	17.8	NP	12.6	2.0	3.5

PURGE DATA

Date: 7-16-98	Volume	pH	S.C.	Temp (°C)	Turbidity	DO	Salinity	Pcc	ORP	Lead
Method:	Initial	5.51	245 C	24.06	1760	31.3	—	34.9	-4.1	250.00
Monitor Reading (ppm):	1	5.44	268.00	23.90	1447.3	24.7	—	33.7	-15.6	262.00
Well Casing Diameter: 2"	2	5.49	252.00	24.03	1715.0	20.0	—	32.9	-22.9	252.00
Well Casing Material: PVC	3	5.48	250.00	24.34	1804.3	18.7	—	32.9	-30.7	246.00
Total Well Depth (TD):		5.50	240.00	24.44	1864.0	18.1		32.9	-30.4	238.00
Static Water Level (WL): 7.89		5.49	242.6	24.78	1850.0	17.8		32.9	-30.8	241.00
One Casing Volume(gal/L):										
Start Purge (hrs): 11:05										
End Purge (hrs): 12:35										
Total Purge Time (min):										
Total Vol. Purged (gal/L):										

SAMPLE COLLECTION INFORMATION

Analysis	Preservative	Container Requirements	Collected

OBSERVATIONS / NOTES

unable to get readings in Field due to sample not having enough present, lab.

Circle if Applicable:

MS/MSD | Duplicate ID No.:

Signature(s):

Page 1 of 1

GROUNDWATER SAMPLE LOG SHEET

Project Site Name: Orlando NTC
Project No.: 7457

[ ] Domestic Well Data
[✓] Monitoring Well Data
[ ] Other Well Type:
[ ] QA Sample Type:

Sample ID No.: ~~OLD-64~~ OLD 642MW20A SC
Sample Location: OLD 642-20A
Sampled By: GTH
C.O.C. No.:
Type of Sample:
[ ] Low Concentration
[ ] High Concentration

SAMPLING DATA

Date: 7/15/98 / Time: 1500	Color	pH	S.C. mS/cm	Temp. °C	Turbidity NTU	DO (mg/L) Meter	DO (mg/L) Titration	CO_2	H_2S	Fe +2
Method:	light brn						<0-1	110	5.0	3.8

PURGE DATA

Date: 7/18	Volume	pH	S.C.	Temp (°C)	Turbidity	DO	~~Salinity~~	CNI	DOC	ORP
Method: FID	Initial	5.38	256.00	24.71	1866.1	11.0		255.00	16.5	-41.8
Monitor Reading (ppm): 0	1	5.44	246.00	24.48	1865.0	11.7		246.00	17.5	-54.4
Well Casing Diameter: 2"	2	5.44	231.00	24.47	1521.6	11.6		230.00	17.5	-59.2
Well Casing Material: PVC	3	5.41	220.00	24.46	1050.6	11.3		217.00	17.5	-60.2
Total Well Depth (TD):		5.39	210.00	24.34	911.1	11.5		207.00	17.5	-60.4
Static Water Level (WL): 11.21										
One Casing Volume(gal/L):										
Start Purge (hrs): 15:10										
End Purge (hrs): 15:48										
Total Purge Time (min):										
Total Vol. Purged (gal/L):										

SAMPLE COLLECTION INFORMATION

Analysis	Preservative	Container Requirements	Collected

OBSERVATIONS / NOTES

Circle if Applicable:

MS/MSD | Duplicate ID No.:

Signature(s):

GROUNDWATER SAMPLE LOG SHEET

Project Site Name: Orlando NTC
Project No.: 7457

[ ] Domestic Well Data
[X] Monitoring Well Data
[ ] Other Well Type:
[ ] QA Sample Type:

Sample ID No.: 042MW20B
Sample Location: OLD-042-20B
Sampled By: SB
C.O.C. No.:
Type of Sample:
[X] Low Concentration
[ ] High Concentration

SAMPLING DATA

Date: 07-15-11 / Time:	Color	pH	S.C. mS/cm	Temp. °C	Turbidity NTU	DO (mg/L) Meter	DO (mg/L) Titration	CO_2	H_2S	Fe +2
Method:							1.06	10	0.3	0.4

PURGE DATA

Date: 07-15-11	Volume	pH	S.C.	Temp (°C)	Turbidity	DO %	Salinity	ORP	
Method: PID	Initial	6.32	220	26.2	1020	9.50		12.4	-41.2	310
Monitor Reading (ppm): 0	1	6.41	230	26.3	980	9.10		12.0	-45.6	308
Well Casing Diameter: 2"	2	6.51	225	26.5	820	9.20		12.1	-50.2	305
Well Casing Material: PVC	3	6.48	225	26.5	810	9.20		12.2	-50.5	310
Total Well Depth (TD):		6.52	220	26.5	805	9.20		12.2	-50.8	308
Static Water Level (WL): 11.52		6.49	220	26.4	810	9.20		12.5	-50.6	308
One Casing Volume(gal/L):										
Start Purge (hrs): 13:45										
End Purge (hrs):										
Total Purge Time (min):										
Total Vol. Purged (gal/L):										

SAMPLE COLLECTION INFORMATION

Analysis	Preservative	Container Requirements	Collected

OBSERVATIONS / NOTES

Circle if Applicable:

MS/MSD | Duplicate ID No.:

Signature(s):

GROUNDWATER SAMPLE LOG SHEET

Project Site Name: Orlando NTC
Project No.: 7457

[ ] Domestic Well Data
[✓] Monitoring Well Data
[ ] Other Well Type:
[ ] QA Sample Type:

Sample ID No.: OU2MW21A CD
Sample Location: OLD-OU2-21A
Sampled By: GB
C.O.C. No.:
Type of Sample:
[ ] Low Concentration
[ ] High Concentration

SAMPLING DATA

Date: 7/19 / Time:	Color	pH	S.C. mS/cm	Temp. °C	Turbidity NTU	DO (mg/L) Meter	DO (mg/L) Titration	CO_2	H_2S	Fe +2
Method:							0.5	140	4.5	2.8

PURGE DATA

Date: 7/19	Volume	pH	S.C.	Temp (°C)	Turbidity	DO	Salinity	CND	DO	ORP
Method: FLO	Initial	6.51	212	25.3	1210	18.2		155	12.3	35.0
Monitor Reading (ppm): 0	1	6.62	208	25.8	1001	18.5		160	12.5	35.5
Well Casing Diameter: 2"	2	6.68	205	25.8	950	17.0		165	12.5	35.6
Well Casing Material: PVC	3	6.65	206	25.6	850	17.20		165	12.5	35.6
Total Well Depth (TD):		6.65	206	25.7	860	17.25		160	12.5	35.8
Static Water Level (WL): 7.42		6.66	206	25.7	8.65	17.2		165	12.5	35.6
One Casing Volume(gal/L):										
Start Purge (hrs): 10:30										
End Purge (hrs): 11:10										
Total Purge Time (min):										
Total Vol. Purged (gal/L):										

SAMPLE COLLECTION INFORMATION

Analysis	Preservative	Container Requirements	Collected

OBSERVATIONS / NOTES

Circle if Applicable:

MS/MSD | Duplicate ID No.:

Signature(s):

GROUNDWATER SAMPLE LOG SHEET

Project Site Name: Orlando NTC
Project No.: 7457

[ ] Domestic Well Data
[X] Monitoring Well Data
[ ] Other Well Type:
[ ] QA Sample Type:

Sample ID No.: EW-MW21BCD
Sample Location: OLD-DL12-21B
Sampled By: GB
C.O.C. No.:
Type of Sample:
[X] Low Concentration
[ ] High Concentration

SAMPLING DATA

Date: 7/18 / Time:	Color	pH	S.C. mS/cm	Temp. °C	Turbidity NTU	DO (mg/L) Meter	DO (mg/L) Titration	CO_2	H_2S	Fe +2
Method:							0.9	138.6	5.0	3.5

PURGE DATA

Date: 7/18	Volume	pH	S.C.	Temp (°C)	Turbidity	DO mg/L	Salinity	CND	DO	ORP
Method: FLO	Initial	6.32	200	25.2	1200	12.1		190.2	11.4	30.2
Monitor Reading (ppm): 0	1	6.31	210	25.3	980	11.2		168.2	11.8	30.1
Well Casing Diameter:	2	6.41	205	25.3	980	11.1		168.5	11.7	35.4
Well Casing Material:	3	6.21	205	25.3	970	11.1		167.9	11.8	30.2
Total Well Depth (TD):										
Static Water Level (WL): 7.35										
One Casing Volume(gal/L):										
Start Purge (hrs):										
End Purge (hrs):										
Total Purge Time (min):										
Total Vol. Purged (gal/L):										

SAMPLE COLLECTION INFORMATION

Analysis	Preservative	Container Requirements	Collected

OBSERVATIONS / NOTES

Circle if Applicable:

MS/MSD	Duplicate ID No.:	Signature(s):

GROUNDWATER SAMPLE LOG SHEET

Project Site Name: Orlando NTC
Project No.: 7457

[ ] Domestic Well Data
[ ] Monitoring Well Data
[ ] Other Well Type:
[ ] QA Sample Type:

Sample ID No.:
Sample Location:
Sampled By:
C.O.C. No.:
Type of Sample:
[ ] Low Concentration
[ ] High Concentration

SAMPLING DATA

Date: / Time:	Color	pH	S.C. mS/cm	Temp. °C	Turbidity NTU	DO (mg/L) Meter	DO (mg/L) Titration	CO_2	H_2S	Fe +2
Method:										

PURGE DATA

Date:	Volume	pH	S.C.	Temp (°C)	Turbidity	DO	Salinity			
Method:	Initial									
Monitor Reading (ppm):	1									
Well Casing Diameter:	2									
Well Casing Material:	3									
Total Well Depth (TD):										
Static Water Level (WL):										
One Casing Volume(gal/L):										
Start Purge (hrs):										
End Purge (hrs):										
Total Purge Time (min):										
Total Vol. Purged (gal/L):										

SAMPLE COLLECTION INFORMATION

Analysis	Preservative	Container Requirements	Collected

OBSERVATIONS / NOTES

Circle if Applicable:

MS/MSD | Duplicate ID No.:

Signature(s):

GROUNDWATER SAMPLE LOG SHEET

Project Site Name: Orlando NTC
Project No.: 7457

[ ] Domestic Well Data
[X] Monitoring Well Data
[ ] Other Well Type:
[ ] QA Sample Type:

Sample ID No.:
Sample Location: OLD042-22B3
Sampled By: CPB
C.O.C. No.:
Type of Sample:
[X] Low Concentration
[ ] High Concentration

SAMPLING DATA

Date: / Time:	Color	pH	S.C. mS/cm	Temp. °C	Turbidity NTU	DO (mg/L) Meter	DO (mg/L) Titration	CO_2	H_2S	Fe +2
Method:										

PURGE DATA

Date:	Volume	pH	S.C.	Temp (°C)	Turbidity	DO	Salinity			
Method:	Initial									
Monitor Reading (ppm):	1									
Well Casing Diameter:	2									
Well Casing Material:	3									
Total Well Depth (TD):										
Static Water Level (WL):										
One Casing Volume(gal/L):										
Start Purge (hrs):										
End Purge (hrs):										
Total Purge Time (min):										
Total Vol. Purged (gal/L):										

SAMPLE COLLECTION INFORMATION

Analysis	Preservative	Container Requirements	Collected

OBSERVATIONS / NOTES

Circle if Applicable:

MS/MSD

Duplicate ID No.:

Signature(s):

GROUNDWATER SAMPLE LOG SHEET

Project Site Name: Orlando NTC
Project No.: 7457

[ ] Domestic Well Data
[✓] Monitoring Well Data
[ ] Other Well Type:
[ ] QA Sample Type:

Sample ID No.: OU2MW23COD
Sample Location: OLD-OU2-23C
Sampled By: GB
C.O.C. No.:
Type of Sample:
[ ] Low Concentration
[ ] High Concentration

SAMPLING DATA

Date: 8/5	Color	pH	S.C. mS/cm	Temp. °C	Turbidity NTU	DO (mg/L)		CO_2	H_2S	Fe +2
Time: 16:30						Meter	Titration			
Method: Bailer	opaque	6.70	520	22.7	152.	0.1		110.0	0.1	1.5

PURGE DATA

Date: 8/5/98	Volume	pH	S.C.	Temp (°C)	Turbidity	DO	Salinity	CND	DO	ORP
Method: Bailer	Initial	6.25	522	22.8	1620	0.2		512	0.1	-30
Monitor Reading (ppm): 0	1	6.50	530	22.7	400	0.2		500	0.1	-38
Well Casing Diameter: 2"	2	6.63	535	22.6	150	0.1		514	0.1	-46
Well Casing Material: PVC	3	6.70	520	22.7	152	0.1		511	0.1	-48.
Total Well Depth (TD):										
Static Water Level (WL): 44.15										
One Casing Volume(gal/L):										
Start Purge (hrs):										
End Purge (hrs):										
Total Purge Time (min): 1.5 hr										
Total Vol. Purged (gal/L): ≈20 gal										

SAMPLE COLLECTION INFORMATION

Analysis	Preservative	Container Requirements	Collected

OBSERVATIONS / NOTES

The well was bailed dry and allowed to recover three times before the sample was collected

Circle if Applicable:

MS/MSD	Duplicate ID No.:	Signature(s):

GROUNDWATER SAMPLE LOG SHEET

Project Site Name: Orlando NTC
Project No.: 7457

[ ] Domestic Well Data
[✓] Monitoring Well Data
[ ] Other Well Type:
[ ] QA Sample Type:

Sample ID No.: 042MW24C GW
Sample Location: OLD-042-24
Sampled By: GP
C.O.C. No.:
Type of Sample:
[ ] Low Concentration
[ ] High Concentration

SAMPLING DATA

Date: 7/31 / Time: 15:45	Color	pH	S.C. mS/cm	Temp. °C	Turbidity NTU	DO (mg/L) Meter	DO (mg/L) Titration	CO_2	H_2S	Fe +2
Method: Bailer	light brown	6.90	420	26.0	1,028	1.8	0.41	152.0	6.5	3.5

PURGE DATA

Date: 7/31	Volume	pH	S.C.	Temp (°C)	Turbidity	DO %	Salinity	Doc	ORP	cond.
Method: Bailing	Initial	6.84	432	25.6	1,870	2.8		15.3	-2.8	468.6
Monitor Reading (ppm): 0	1	6.80	410	25.8	1,250	2.5		15.5	-2.5	472.0
Well Casing Diameter: 2"	2	6.95	425	26.0	1,050	2.3		15.5	-2.6	485.0
Well Casing Material: PVC	3	6.90	420	26.0	1,028	1.8		15.5	-2.6	480.0
Total Well Depth (TD):										
Static Water Level (WL): 45.32										
One Casing Volume(gal/L):										
Start Purge (hrs):										
End Purge (hrs):										
Total Purge Time (min): 1.45										
Total Vol. Purged (gal/L): ~20gal										

SAMPLE COLLECTION INFORMATION

Analysis	Preservative	Container Requirements	Collected

OBSERVATIONS / NOTES

Well was bailed dry and allowed to recover three time before the sample was collected.

Circle if Applicable: MS/MSD | Duplicate ID No.:

Signature(s):

GROUNDWATER SAMPLE LOG SHEET

Project Site Name: Orlando NTC
Project No.: 7457

[ ] Domestic Well Data
[✓] Monitoring Well Data
[ ] Other Well Type:
[ ] QA Sample Type:

Sample ID No.: 042MW25C00
Sample Location: OLD-042-25C
Sampled By: GSB + PIT
C.O.C. No.:
Type of Sample:
[ ] Low Concentration
[ ] High Concentration

SAMPLING DATA

Date: 8/6/98	Color	pH	S.C. mS/cm	Temp. °C	Turbidity NTU	DO (mg/L)		CO_2	H_2S	Fe +2
Time: 9:20						Meter	Titration			
Method: Bailer	opaque	6.70	490	25.5	540	1.2	0.45	85	0	2 0

PURGE DATA

Date: 8/6/98	Volume	pH	S.C.	Temp (°C)	Turbidity	DO	Salinity	CND	DO_c	ORP
Method: Bailing	Initial	6.65	425	25.3	1,280	1.3		520	1.2	-40
Monitor Reading (ppm): 0	1	6.72	480	25.5	1,010	1.2		532	1.5	-45
Well Casing Diameter: 2"	2	6.75	485	25.5	520	1.2		540	1.5	-45
Well Casing Material: PVC	3	6.70	490	25.5	540	1.2		550	1.5	-55
Total Well Depth (TD):										
Static Water Level (WL): 44.15										
One Casing Volume(gal/L):										
Start Purge (hrs):										
End Purge (hrs):										
Total Purge Time (min): 1.20										
Total Vol. Purged (gal/L): ≈25										

SAMPLE COLLECTION INFORMATION

Analysis	Preservative	Container Requirements	Collected

OBSERVATIONS / NOTES

Well was bailed three times and allowed to recover before a sample was collected.

Circle If Applicable:

MS/MSD	Duplicate ID No.:	Signature(s):

GROUNDWATER SAMPLE LOG SHEET

Project Site Name: Orlando NTC
Project No.: 7457

[ ] Domestic Well Data
[✓] Monitoring Well Data
[ ] Other Well Type:
[ ] QA Sample Type:

Sample ID No.: 042MW26C00
Sample Location: OLD-042-26C
Sampled By: GB
C.O.C. No.:
Type of Sample:
[ ] Low Concentration
[ ] High Concentration

SAMPLING DATA

Date: 8/6/98	Color	pH	S.C. mS/cm	Temp. °C	Turbidity NTU	DO (mg/L)		CO_2	H_2S	Fe +2
Time: 12:30						Meter	Titration			
Method: Bailer	Opaque	6.63	430	26.7	520	2.1	0.52	74	2.0	0.1

PURGE DATA

Date: 8/6/98	Volume	pH	S.C.	Temp (°C)	Turbidity	DO	Salinity	CND	DO_c	ORP
Method: bailer	Initial	6.51	410	26.3	1,520	1.8	/	665	0.5	-38
Monitor Reading (ppm): 0	1	6.60	425	26.3	1,200	2.5	/	648	0.5	-45
Well Casing Diameter: 2"	2	6.65	432	26.8	752	2.0	/	650	0.6	-45
Well Casing Material: PVC	3	6.63	430	26.7	520.	2.1	/	652	0.6	-42.
Total Well Depth (TD):										
Static Water Level (WL): 42.41										
One Casing Volume(gal/L):										
Start Purge (hrs):										
End Purge (hrs):										
Total Purge Time (min): 1:10										
Total Vol. Purged (gal/L): ≈20 gal										

SAMPLE COLLECTION INFORMATION

Analysis	Preservative	Container Requirements	Collected

OBSERVATIONS / NOTES

Well was bailed dry and allowed to recover 3 times prior to collecting sample.

Circle if Applicable:

MS/MSD	Duplicate ID No.:	Signature(s):

GROUNDWATER PURGING AND SAMPLING LOG

Project Site Name: NTC Orlando OU 2
Project No.: 7457

[ ] Domestic Well Data
[X] Monitoring Well Data
[ ] Other Well Type:
[ ] QA Sample Type:

Sample ID No.: OU2MW 02 R 22
Sample Location:
Sampled By:
C.O.C. No.: SISCO, MACTEC, BARC
Type of Sample:
[X] Low Concentration
[ ] High Concentration

PURGING DATA

	Time	pH	S.C.	Temp (°C)	Turbidity	DO	ORP	DTW	Flow Rate
	Hr:Min	pH units	mS/cm	°C	NTU	mg/L	mV	ft BTOC	ml/min
Date: 7-14-99	1350	—	—	—	—	—	—	7.41	200
Method: Peristaltic	1400	5.44	61	26.56	106.9	1.81	80.3	7.44	140
Monitor Reading (ppm): 1.0	1405	5.45	62	26.50	115	1.11	72.6	7.45	145
Well Casing Diameter: 2"	1410	5.45	63	26.66	121	0.90	65.8	7.44	145
Well Casing Material: PVC	1415	5.46	63	26.69	122	0.97	68.1	7.46	140
Total Well Depth (TD): 14.66	1425	5.45	63	26.44	132	0.84	65.6	7.45	145
Static Water Level (WL): 7.33	1430	5.45	63	26.36	136	0.84	70.0	7.46	145
One Casing Volume(gal/L): 1.2	1445	5.45	63	26.20	153	0.82	67.7	7.45	145
Start Purge (hrs): 1350	1450	5.45	63	26.15	162	0.31	66.6	7.46	145
End Purge (hrs): 1756									
Total Purge Time (min): 60									
Total Vol. Purged (gal/L): 8.7									

4.40
7.33
9.40
14.40

SAMPLING DATA

Date:	Color	pH	S.C.	Temp.	Turbidity	DO	ORP	DTW	Flow Rate
Time	Descrip	pH units	mS/cm	°C	NTU	mg/L	mV	ft BTOC	ml/min
Method:									

SAMPLE COLLECTION INFORMATION

Analysis	Preservative	Container Requirements	Collected
VOCs	HCl	2 - 40 ml vials	
SVOCs	none	2 - 1 liter amber glass	
Metals	HNO3	1 - 1 liter plastic	
Gross Alpha/Gross Beta	HNO3	1 - 1 gal plastic	
TDS/TSS/Hardness/Alkalinity	none	1 -1 liter plastic	

OBSERVATIONS / NOTES

1440 Turbidity steadily increasing.
REDEVELOPMENT NEEDED.

Circle if Applicable:
MS/MSD | Duplicate ID No.:

Signature(s):

GROUNDWATER PURGING AND SAMPLING LOG

Project Site Name: NTC Orlando OU 2
Project No.: 7457

[ ] Domestic Well Data
[X] Monitoring Well Data
[ ] Other Well Type:
[ ] QA Sample Type:

YSI #105

Sample ID No.: OU2MW01AD2
Sample Location:
Sampled By:
C.O.C. No.:
Type of Sample:
[X] Low Concentration
[ ] High Concentration

MeOH
DI H2O

PURGING DATA

	Time	pH	S.C.	Temp (°C)	Turbidity	DO	ORP	DTW	Flow Rate
	Hr:Min	pH units	mS/cm	°C	NTU	mg/L	mV	ft BTOC	ml/min
Date: 7-28-99	0855				110			7.34	85
Method: PER STRATA	0900	5.45	66.	26.68	150	7.30	98.9	7.34	85
Monitor Reading (ppm): 0.0	0910	5.40	66.	26.31	160	7.08	90.8	7.34	80
Well Casing Diameter: 2"	0920	5.37	68.	26.29	170	7.69	81.3	7.37	85
Well Casing Material: PVC	0930	5.37	69.	26.30	170	8.12	79.1	7.36	80
Total Well Depth (TD): 14.40	0940	5.36	69.	26.31	170	8.65	77.2	7.36	80
Static Water Level (WL): 7.30	0950	5.35	69.	26.25	170	9.06	74.8	7.36	80
One Casing Volume (gal/L): 1.1	0955	5.35	69.	26.21	170	8.94	73.7	7.36	80
Start Purge (hrs): 0855									
End Purge (hrs): 0955									
Total Purge Time (min): 60									
Total Vol. Purged (gal/L): 1.4									

SAMPLING DATA

Date: / Time:	Color	pH	S.C.	Temp.	Turbidity	DO	ORP	DTW	Flow Rate
	Descrip	pH units	mS/cm	°C	NTU	mg/L	mV	ft BTOC	ml/min
Method:									

SAMPLE COLLECTION INFORMATION

Analysis	Preservative	Container Requirements	Collected
VOCs	HCl	2 - 40 ml vials	
SVOCs	none	2 - 1 liter amber glass	
Metals	HNO3	1 - 1 liter plastic	
Gross Alpha/Gross Beta	HNO3	1 - 1 gal plastic	
TDS/TSS/Hardness/Alkalinity	none	1 -1 liter plastic	

OBSERVATIONS / NOTES

WATER CLOUDY (NO SAND OR SEDIMENT).
SORT OF MILKY WHITISH.

Circle if Applicable:
MS/MSD | Duplicate ID No.:

Signature(s): G. J. Lisco

Date 9-21-99

GROUNDWATER PURGING AND SAMPLING LOG

Page 1 of 1

Project Site Name: NTC Orlando OU 2
Project No.: 7457-BE0-05C-590

[ ] Domestic Well Data
[X] Monitoring Well Data
[ ] Other Well Type:

Sample ID No.: OU2MW01A02
Sample Location:
Sampled By: SISCO & HILL
C.O.C. No.:

PURGING DATA

Casing Size (in.)	Gals/Ft. of Water	Time Hr:Min	pH pH units	S.C. mS/cm	Temp. °C	Turbidity NTU	DO mg/L	ORP mV	DTW ft BTOC	Flow Rate ml/min
1	0.041	1417	—	—	—	—	—	—	7.01	120
2	0.163	1423	6.03	148.	27.20	149	1.90	-46.9	7.02	120
3	0.367	1426	5.95	174.	27.06	183	1.82	-61.7	7.02	120
4	0.653	1430	5.85	134.	26.44	186	1.00	-62.7	7.02	100
5	1.020	1435	5.75	112.	26.27	184	0.78	-66.3	7.02	100
6	1.469	1440	5.73	87.	26.01	177	1.83	-42.6	7.02	100
8	2.611	1445	5.65	84.	26.60	175	1.14	-41.3	7.02	100
10	4.080	1450	5.61	82.	26.53	170	1.14	-41.8	7.02	100
		1455	5.58	81.	26.55	162	0.98	-35.3	7.02	100
		1500	5.55	76.	26.55	163	1.06	-43.5	7.02	100
		1505	5.54	75.	26.52	161	0.65	-47.2	7.02	100
		1510	5.51	74.	26.52	160	0.83	-47.0	7.02	100
Well Casing Diameter: 0.5		1515	5.50	74.	26.59	160	0.85	-47.8	7.02	100
Total Well Depth (TD): 14.65		1520	5.50	73.	26.73	157	0.82	-45.3	7.02	100
Static Water Level (WL): 6.99		1525	5.49	72.	26.71	159	0.83	-40.2	7.02	100
One Casing Volume(gal/L):										
[3.78~~gals/L~~]										
Start Purge (hrs): 1417										
End Purge (hrs): 1525										
Total Purge Time (min): 68										
Total Vol. Purged (gal/L):										

SAMPLE PARAMETERS

	Color Description	pH pH units	S.C. mS/cm	Temp. °C	Turbidity NTU	DO mg/L	ORP mV	DTW ft BTOC	Flow Rate ml/min
Date: 9-21-99 (FINAL)									
Time: ~~1535~~ 1525	sl. cloudy	5.49	72	26.71	159	0.83	-40.2	7.02	100

SAMPLE COLLECTION INFORMATION

Analysis	Preservative	Container Requirements	Collected
VOCs	HCl	3 - 40 ml vials	
SVOCs	none	2 - 1 liter amber glass	
Metals	(HNO3) ✓	1 - 1 liter plastic	1111
Gross Alpha/Gross Beta	(HNO3) ✓	1 - 1 gal plastic	1111
TDS/TSS/Hardness/Alkalinity	none	1 -1 liter plastic	

ADDITIONAL INFORMATION

OVA Reading (ppm): 0.0

Method:
- [X] Peristaltic Pump
- [ ] Centrifugal Pump
- [ ] Bailer
- [ ] Tube Evacuation
- [ ] Vacuum Jug Assembly
- [ ] Other:

Tubing Type:
- [X] Polyethylene
- [ ] Teflon
- [ ] Teflon-lined Polyethylene

Circle if Applicable: (MS/MSD)

Duplicate ID No.: NTCU2D2000

Signature(s):

GROUNDWATER PURGING AND SAMPLING LOG

Page 1 of 1

Project Site Name:	NTC Orlando OU 2	Sample ID No.:	OU2MW02
Project No.:	7457	Sample Location:	B
		Sampled By:	[illegible]
[ ] Domestic Well Data		C.O.C. No.:	570 40
[X] Monitoring Well Data		Type of Sample:	Quanterra
[ ] Other Well Type:		[X] Low Concentration	
[ ] QA Sample Type:		[ ] High Concentration	

PURGING DATA

	Time	pH	S.C.	Temp (°C)	Turbidity	DO	ORP	DTW	Flow Rate
	Hr:Min	pH units	mS/cm	°C	NTU	mg/L	mV	ft BTOC	ml/min
Date: 7-14-99	1400	5.71	142	25.02	2.20	2.16	44.9	6.91	200
Method: Bladder Pump	1405	5.56	130	25.34	12.80	0.88	45.0	6.91	150
Monitor Reading (ppm): 0.0	1410	5.55	126	25.44	12.80	0.75	39.8	6.91	150
Well Casing Diameter: 2"	1420	5.56	127	25.18	3.53	0.66	32.1	6.91	150
Well Casing Material: PVC	1430	5.57	127	25.22	1.94	0.63	28.2	6.91	150
Total Well Depth (TD): 28.11	1435	5.56	127	25.17	0.91	0.60	26.6	6.91	150
Static Water Level (WL): 6.69	1440	5.57	126	25.04	0.85	0.59	24.9	6.91	150
One Casing Volume (gal/L): 3.4									
Start Purge (hrs): 1400									
End Purge (hrs): 1440									
Total Purge Time (min): 40									
Total Vol. Purged (gal/L) 6									

SAMPLING DATA

Date: 7-14-99	Color	pH	S.C.	Temp.	Turbidity	DO	ORP	DTW	Flow Rate
Time: 1440	Descrip.	pH units	mS/cm	°C	NTU	mg/L	mV	ft BTOC	ml/min
Method: Bladder Pump	CLEAR	5.57	126	25.04	0.85	0.59	24.9	6.91	150

SAMPLE COLLECTION INFORMATION

Analysis	Preservative	Container Requirements	Collected
VOCs	HCl	2 - 40 ml vials	
SVOCs	none	2 - 1 liter amber glass	
Metals	HNO3	1 - 1 liter plastic	X
Gross Alpha/Gross Beta	HNO3	1 - 1 gal plastic	X
TDS/TSS/Hardness/Alkalinity	none	1 -1 liter plastic	X

OBSERVATIONS / NOTES

Collected "Blind" Duplicate.
No. NTCU2D1000 @ 1515

Circle if Applicable:		Signature(s):
MS/MSD	Duplicate ID No.:	[signature]

GROUNDWATER PURGING AND SAMPLING LOG

Project Site Name: NTC Orlando OU 2
Project No.: 7457

[ ] Domestic Well Data
[X] Monitoring Well Data
[ ] Other Well Type:
[ ] QA Sample Type:

Sample ID No.: OU2MW02402
Sample Location:
Sampled By: SISCO, MARLETTE, BUSH
C.O.C. No.: 57146
Type of Sample: quarterly
[X] Low Concentration
[ ] High Concentration
ORIGINAL 9.85'

PURGING DATA

	Time	pH	S.C.	Temp (°C)	Turbidity	DO	ORP	DTW	Flow Rate
	Hr:Min	pH units	mS/cm	°C	NTU	mg/L	mV	ft BTOC	ml/min
Date: 7-13-99	1435	—	—	—	—	—	—	—	200
Method: Peristaltic Pump	1435	5.54	149.00	25.71	22.3	0.99	8.3	9.30	150
Monitor Reading (ppm): 0.0	1440	5.56	154.00	26.13	21.0	0.91	4.7	9.26	145
Well Casing Diameter: 2"	1445	5.27	150.00	26.06	20.1	0.89	7.2	9.20	140
Well Casing Material: PVC	1450	5.59	150.00	25.90	15.0	0.80	-1.0	9.22	145
Total Well Depth (TD): 12.78	1455	5.61	149.00	25.93	11.1	0.77	-1.5	9.21	140
Static Water Level (WL): 9.85	1500	5.61	148.00	25.89	10.00	0.77	-0.4	9.21	145
One Casing Volume(gal/L): 1.27	1505	5.62	147.00	25.82	9.09	0.76	1.4	9.22	140
Start Purge (hrs): 1435									
End Purge (hrs): 1505									
Total Purge Time (min): 30									
Total Vol. Purged (~~gal~~) L 4.2									

SAMPLING DATA

Date: 7-13-99	Color	pH	S.C.	Temp.	Turbidity	DO	ORP	DTW	Flow Rate
Time: 1505	Descrip.	pH units	mS/cm	°C	NTU	mg/L	mV	ft BTOC	ml/min
Method: Peristaltic Pump	CLEAR	5.62	147.00	25.82	9.09	0.76	1.4	9.22	140

SAMPLE COLLECTION INFORMATION

Analysis	Preservative	Container Requirements	Collected
VOCs	HCl	2 - 40 ml vials	
SVOCs	none	2 - 1 liter amber glass	
Metals	HNO3	1 - 1 liter plastic	X
Gross Alpha/Gross Beta	HNO3	1 - 1 gal plastic	
TDS/TSS/Hardness/Alkalinity	none	1 -1 liter plastic	

OBSERVATIONS / NOTES

Circle if Applicable:
MS/MSD
Duplicate ID No.:

A-197

Signature(s): A. Sisco

GROUNDWATER PURGING AND SAMPLING LOG

Project Site Name: NTC Orlando OU 2
Project No.: 7457

[ ] Domestic Well Data
[X] Monitoring Well Data
[ ] Other Well Type:
[ ] QA Sample Type:

Sample ID No.: OU2MW2B02
Sample Location:
Sampled By: G. SISCO, K. MAGEE
C.O.C. No.:
Type of Sample:
[X] Low Concentration
[ ] High Concentration

INITIAL: 8.48'

PURGING DATA

	Time	pH	S.C.	Temp (°C)	Turbidity	DO	ORP	DTW	Flow Rate
	Hr:Min	pH units	mS/cm	°C	NTU	mg/L	mV	ft BTOC	ml/min
Date: 7-14-09	0845				1000+			8.92	200
Method: Peristaltic Pump	0848				500+			8.89	180
Monitor Reading (ppm): 0.0	0851				383			8.81	180
Well Casing Diameter: 2"	0855				185			8.70	160
Well Casing Material: PVC	0900	5.21	223	24.22	102	2.11	79.2	8.72	160
Total Well Depth (TD): 32.46	0905	5.18	227	24.54	76.2	0.80	63.0	8.66	150
Static Water Level (WL): 8.48	0910	5.18	226	24.59	77.0	0.70	55.4	8.65	145
One Casing Volume (gal): 3.8	0920	5.18	226	24.60	65.3	0.65	46.5	8.60	145
Start Purge (hrs): 0845	0925	5.18	227	24.61	47.1	0.64	42.7	8.65	145
End Purge (hrs): 1005	0935	5.17	226	24.64	42.5	0.64	37.2	8.65	145
Total Purge Time (min): 80	0945	5.17	225	24.64	39.7	0.66	32.9	8.66	145
Total Vol. Purged (gal): 11.2	0955	5.17	225	24.75	34.5	0.68	30.3	8.67	140
	1000	5.18	227	24.61	55.0	0.69	38.6	8.66	140
	1005	5.18	226	24.62	83.0	0.66	31.2	8.67	140

RED HELP

SAMPLING DATA

Date: / Time: / Method	Color Descrip.	pH pH units	S.C. mS/cm	Temp. °C	Turbidity NTU	DO mg/L	ORP mV	DTW ft BTOC	Flow Rate ml/min

SAMPLE COLLECTION INFORMATION

Analysis	Preservative	Container Requirements	Collected
VOCs	HCl	2 - 40 ml vials	
SVOCs	none	2 - 1 liter amber glass	
Metals	HNO3	1 - 1 liter plastic	
Gross Alpha/Gross Beta	HNO3	1 - 1 gal plastic	
TDS/TSS/Hardness/Alkalinity	none	1 -1 liter plastic	

OBSERVATIONS / NOTES

Very turbid at first (~ 15 minutes).

Circle if Applicable:
MS/MSD | Duplicate ID No.:

Signature(s):

GROUNDWATER PURGING AND SAMPLING LOG

Project Site Name: NTC Orlando OU 2
Project No.: 7457

[ ] Domestic Well Data
[X] Monitoring Well Data
[ ] Other Well Type:
[ ] QA Sample Type:

Sample ID No.: OU2MW02B02
Sample Location:
Sampled By:
C.O.C. No.:
Type of Sample:
[X] Low Concentration
[ ] High Concentration

Notes Reads

PURGING DATA

	Time	pH	S.C.	Temp (°C)	Turbidity	DO	ORP	DTW	Flow Rate
	Hr:Min	pH units	mS/cm	°C	NTU	mg/L	mV	ft BTOC	ml/min
Date: 7-25-99	1230				30			8.29	110
Method: PERISTALTIC	1235	5.08	295.	27.11	25	43.52	118.7	8.29	105
Monitor Reading (ppm): 0.0	1240	5.03	296.	26.58	18	45.93	121.1	8.28	100
Well Casing Diameter: 2"	1245	5.02	296.	26.43	14	50.61	121.0	8.28	100
Well Casing Material: PVC	1250	5.03	292.	26.58	12	51.12	117.8	8.28	100
Total Well Depth (TD): 32.1	1255	5.04	290	26.62	8.0	51.51	116.3	8.28	100
Static Water Level (WL): 8.22	1300	5.05	288.	26.76	7.0	51.76	115.2	8.28	100
One Casing Volume (gal/L): 3.8	1305	5.05	286.	26.85	6.1	51.62	114.1	8.25	100
Start Purge (hrs): 1230	1310	5.05	283.	26.90	5.2	51.53	113.5	8.28	100
End Purge (hrs): 1315	1315	5.05	281.	26.98	4.4	51.44	113.5	8.29	100
Total Purge Time (min): 45								~~8.28~~	~~100~~
Total Vol. Purged (gal/L):									

MW

SAMPLING DATA

Date: 7-25-99	Color	pH	S.C.	Temp.	Turbidity	DO	ORP	DTW	Flow Rate
Time 1315	Descrip	pH units	mS/cm	°C	NTU	mg/L	mV	ft BTOC	ml/min
Method PERISTALTIC	CLEAR	5.05	281.	26.98	4.4	51.44	113.5	8.29	100

SAMPLE COLLECTION INFORMATION

Analysis	Preservative	Container Requirements	Collected
VOCs	HCl	2 - 40 ml vials	
SVOCs	none	2 - 1 liter amber glass	
Metals	HNO3	1 - 1 liter plastic	X
Gross Alpha/Gross Beta	HNO3	1 - 1 gal plastic	X
TDS/TSS/Hardness/Alkalinity	none	1 -1 liter plastic	

MS/D
XX
XX

OBSERVATIONS / NOTES

Circle if Applicable:
MS/MSD X
Duplicate ID No.:

Signature(s):

GROUNDWATER PURGING AND SAMPLING LOG

Project Site Name: NTC Orlando OU 2
Project No.: 7457

[ ] Domestic Well Data
[X] Monitoring Well Data
[ ] Other Well Type:
[ ] QA Sample Type:

Sample ID No.: OU2MW03ACZ
Sample Location:
Sampled By: G Sisco
C.O.C. No.:
Type of Sample:
[X] Low Concentration
[ ] High Concentration

ORIGINAL 6.31

PURGING DATA

	Time	pH	S.C.	Temp (°C)	Turbidity	DO	ORP	DTW	Flow Rate
	Hr:Min	pH units	mS/cm	°C	NTU	mg/L	mV	ft BTOC	ml/min
Date: 7-17-99	0830							6.45	150
Method: PERISTALTIC *	0835	5.86	381.	24.75	12	1.94	-103.8	6.51	155
Monitor Reading (ppm): 0.0	0840	5.87	369	24.69	13	1.86	-118.0	6.65	150
Well Casing Diameter: 2"	0845	5.87	363.	24.67	11	1.91	-126.5	6.71	155
Well Casing Material: PVC	0850	5.87	360.	24.64	11	2.02	-131.8	6.72	150
Total Well Depth (TD): 17.74	0855	5.86	367.	24.66	11	2.11	-132.1	6.79	155
Static Water Level (WL): 6.31	0900	5.86	374.	24.74	11	2.20	-133.3	6.86	150
One Casing Volume (gal): 1.8	0905	5.87	378	24.71	12	2.22	-135.3	6.89	145
Start Purge (hrs): 0830	0910	5.87	383.	24.71	11	2.26	-136.9	6.96	150
End Purge (hrs): 1020	0915	5.88	383	24.79	12	2.29	-138.9	6.99	155
Total Purge Time (min): 110									
Total Vol. Purged (gal): 3.6	0925	5.88	384.	25.06	—	2.46	-142.5	6.98	100
	0930	5.91	376	24.95	15	2.94	-103.5	6.98	100
	0935								
	0940	5.90	381.	25.19	14	2.66	-127.1	6.99	100
	0945	5.89	379.	25.12	13	2.46	-135.6	6.98	100
	0950	5.89	381.	25.17	12	2.41	-137.6	6.98	100
	0955	5.89	379.	25.32	11	2.62	-141.9	6.99	100
	1000	5.90	375.	25.69	12	2.80	-134.0	7.00	100
	1005	5.89	377	25.58	12	2.92	-133.1	7.00	100
	1010	5.88	378	25.51	12	2.79	-139.1	7.00	100
	1015	5.88	375.	25.52	11	2.70	-143.1	7.00	100
	1020	5.88	372.	25.47	10	2.71	-145.1	7.00	100

Pump stopped trying to adjust flow rate after

Adjust Pump Housing to 300 rpm & to 600 rpm

SAMPLING DATA

	Color	pH	S.C.	Temp.	Turbidity	DO	ORP	DTW	Flow Rate
Date: 7-17-99	Descrip.	pH units	mS/cm	°C	NTU	mg/L	mV	ft BTOC	ml/min
Time: 1025									
Method: PERISTALTIC *	CLEAR	5.23	373.	25.47	10	2.71	-145.1	7.00	100

SAMPLE COLLECTION INFORMATION

Analysis	Preservative	Container Requirements	Collected
VOCs	HCl	2 - 40 ml vials	X X X
SVOCs	none	2 - 1 liter amber glass	
Metals	HNO3	1 - 1 liter plastic	X
Gross Alpha/Gross Beta	HNO3	1 - 1 gal plastic	
TDS/TSS/Hardness/Alkalinity	none	1 -1 liter plastic	

OBSERVATIONS / NOTES

Drained FROM flow cell at 0925.

* Tube evacuation for VOCs

TEFLON TUBING

Circle if Applicable:
MS/MSD | Duplicate ID No.:

Signature(s): G. J. Sisco

GROUNDWATER PURGING AND SAMPLING LOG

Project Site Name: NTC Orlando OU 2
Project No.: 7457

[ ] Domestic Well Data
[X] Monitoring Well Data
[ ] Other Well Type:
[ ] QA Sample Type:

Sample ID No.: OU2MW03402
Sample Location:
Sampled By: G.S., K.M., J.B.
C.O.C. No.:
Type of Sample:
[X] Low Concentration
[ ] High Concentration

PURGING DATA

	Time	pH	S.C.	Temp (°C)	Turbidity	DO	ORP	DTW	Flow Rate
	Hr:Min	pH units	mS/cm	°C	NTU	mg/L	mV	ft BTOC	ml/min
Date: 7/29/99	0925							6.27	160
Method: Peristaltic Pump	0935	5.65	342.0	25.64	5.3	45.14	15.8	6.27	110
Monitor Reading (ppm): 0	0940	5.63	349	25.76	5.5	46.13	5.0	~~6.35~~	100
Well Casing Diameter: 2"	0945	5.64	351	25.81	5.8	46.07	-6.8	6.35	↓
Well Casing Material: PVC	0955	5.65	360	26.01	5.93	45.79	-15.2	↓	100
Total Well Depth (TD): ~~17.5~~ 12.5	1000	5.66	355	26.15	4.97	45.12	-20.8		
Static Water Level (WL): ~~5.43~~ 6.27	1010	5.66	356	26.19	4.97	45.55	-29.2	↓	↓
One Casing Volume(gal/L):									
Start Purge (hrs): 0925									
End Purge (hrs): 1010									
Total Purge Time (min): 45									
Total Vol. Purged (gal/L): 1									

SAMPLING DATA

	Color	pH	S.C.	Temp.	Turbidity	DO	ORP	DTW	Flow Rate
Date: 7/29/99	Descrip	pH units	mS/cm	°C	NTU	mg/L	mV	ft.BTOC	ml/min
Time 1010									
Method: peristaltic pump	Clear	5.66	356	26.19	4.97	45.55	-29.2	~~6.27~~ 6.35	100

SAMPLE COLLECTION INFORMATION

Analysis	Preservative	Container Requirements	Collected
VOCs	HCl	2 - 40 ml vials	3
SVOCs	none	2 - 1 liter amber glass	
Metals	HNO3	1 - 1 liter plastic	1
Gross Alpha/Gross Beta	HNO3	1 - 1 gal plastic	
TDS/TSS/Hardness/Alkalinity	none	1 -1 liter plastic	

OBSERVATIONS / NOTES

Circle if Applicable:
MS/MSD | Duplicate ID No.

Signature(s): Janet Bucknall

GROUNDWATER PURGING AND SAMPLING LOG

Project Site Name: NTC Orlando OU 2
Project No.: 7457

[ ] Domestic Well Data
[X] Monitoring Well Data
[ ] Other Well Type:
[ ] QA Sample Type:

Sample ID No.: OU2MW03BC2
Sample Location:
Sampled By:
C.O.C. No.:
Type of Sample:
[X] Low Concentration
[ ] High Concentration

~~4.28~~ 6.02

PURGING DATA

	Time	pH	S.C.	Temp (°C)	Turbidity	DO	ORP	DTW	Flow Rate
	Hr:Min	pH units	mS/cm	°C	NTU	mg/L	mV	ft BTOC	ml/min
Date: 7-17-99	1045				~~VERY MURKY~~			6.12	95
Method: PERISTALTIC *	1055				MURKY			6.16	95
Monitor Reading (ppm): 0.0	1100	5.52	407.	25.67	380	3.67	3.7	6.18	95
Well Casing Diameter: 2"	1110	5.51	410.	25.93	75	3.74	-10.3	6.17	95
Well Casing Material: PVC	1120	5.52	419.	26.03	35	3.68	-16.8	6.16	95
Total Well Depth (TD): 32.4	1130	5.52	418.	25.81	35	3.44	-21.5	6.18	95
Static Water Level (WL): ~~4.52~~	1140	5.52	417.	26.42	9.6	4.10	-19.1	6.17	95
One Casing Volume (gal): ~~3.4~~	1145	5.53	416.	26.60	10	3.67	-22.4	6.18	95
Start Purge (hrs): 1045	1150	5.53	414.	27.02	11	3.93	-23.1	6.18	95
End Purge (hrs): 1155	1155	5.53	415.	26.51	10	3.43	-26.4	6.18	95
Total Purge Time (min): 70									
Total Vol. Purged (gal): 1.2									

6.02
4.2

SAMPLING DATA

Date: 7-17-99	Color	pH	S.C.	Temp.	Turbidity	DO	ORP	DTW	Flow Rate
Time: 1155	Descrip.	pH units	mS/cm	°C	NTU	mg/L	mV	ft BTOC	ml/min
Method: PERISTALTIC *	CLEAR	5.53	415	26.51	10	3.43	-26.4	6.18	95

SAMPLE COLLECTION INFORMATION

Analysis	Preservative	Container Requirements	Collected
VOCs	HCl	2 - 40 ml vials	XXX
SVOCs	none	2 - 1 liter amber glass	
Metals	HNO3	1 - 1 liter plastic	X
Gross Alpha/Gross Beta	HNO3	1 - 1 gal plastic	X
TDS/TSS/Hardness/Alkalinity	none	1 -1 liter plastic	

OBSERVATIONS / NOTES

* TUBE EVACUATION METHOD FOR VOCs. TEFLON TUBING.

Circle if Applicable:
MS/MSD | Duplicate ID No.:

Signature(s): G. A. Sisco

GROUNDWATER PURGING AND SAMPLING LOG

Project Site Name: NTC Orlando OU 2
Project No.: 7457

[ ] Domestic Well Data
[X] Monitoring Well Data
[ ] Other Well Type:
[ ] QA Sample Type:

Sample ID No.: OU2MW 03B02
Sample Location:
Sampled By: G.S., K.M., J.B.
C.O.C. No.:
Type of Sample:
[X] Low Concentration
[ ] High Concentration

PURGING DATA

	Time	pH	S.C.	Temp (°C)	Turbidity	DO	ORP	DTW	Flow Rate
	Hr:Min	pH units	mS/cm	°C	NTU	mg/L	mV	ft BTOC	ml/min
Date: 7/24/99	0935	5.51	536.0	25.34	50	11.19	-8.6	6.02	120
Method: Peristaltic Pump	0945	5.52	529.0	25.44	30	8.08	-4.9		100
Monitor Reading (ppm): 0	0950	5.52	528.0	25.39	25	8.15	-10.5		↓
Well Casing Diameter: 2"	0955	5.52	527.0	25.42	13.6	7.01	-14.1		100
Well Casing Material: PVC	1000	5.52	527.0	25.49	11.7	6.63	-16.0		
Total Well Depth (TD): 32.4	1010	5.53	521.0	25.42	11.3	6.21	-19.4	↓	
Static Water Level (WL): 5.93	1015	5.54	516.0	25.46	10.9	5.81	-23.6	6.09	
One Casing Volume(gal/L):	1025	5.54	512.0	25.35	16.9	5.68	-27.5		
Start Purge (hrs): 0935	1035	5.55	510	25.36	15.9	5.59	-29.6		
End Purge (hrs): 1055	1045	5.55	510	25.46	12.6	5.60	-32.7		
Total Purge Time (min): 80	1050	5.56	509	25.66	9.99	5.66	-33.1		
Total Vol. Purged (gal/L): 12	1053	5.56	510	25.75	9.12	5.85	-33.1		
	1055	5.73	509	25.77	8.96	5.56	-33.4	↓	↓

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SAMPLING DATA

Date 7/24/99	Color	pH	S.C.	Temp.	Turbidity	DO	ORP	DTW	Flow Rate
Time 1055	Descrip.	pH units	mS/cm	°C	NTU	mg/L	mV	ft BTOC	ml/min
Method Peristaltic Pump		5.73	509	25.77	8.96	5.56	-33.4	6.02	100

SAMPLE COLLECTION INFORMATION

Analysis	Preservative	Container Requirements	Collected
VOCs	HCl	2 - 40 ml vials	
SVOCs	none	2 - 1 liter amber glass	
Metals	HNO3	1 - 1 liter plastic	
Gross Alpha/Gross Beta	HNO3	1 - 1 gal plastic	
TDS/TSS/Hardness/Alkalinity	none	1 -1 liter plastic	

OBSERVATIONS / NOTES

Circle if Applicable:
MS/MSD
Duplicate ID No

Signature(s)
Janet Barkmeyer

GROUNDWATER PURGING AND SAMPLING LOG

Project Site Name: NTC Orlando OU 2
Project No.: 7457

[ ] Domestic Well Data
[X] Monitoring Well Data
[ ] Other Well Type:
[ ] QA Sample Type:

YSI # 105

Sample ID No.: OU2MW04A02
Sample Location:
Sampled By: G.F. Sisco
C.O.C. No.:
Type of Sample:
[X] Low Concentration
[ ] High Concentration

PURGING DATA

	Time	pH	S.C.	Temp (°C)	Turbidity	DO	ORP	DTW	Flow Rate
	Hr:Min	pH units	mS/cm	°C	NTU	mg/L	mV	ft BTOC	ml/min
Date: 7-20-99	0840							5.55	200
Method: PERISTALTIC	0845				1000+			5.58	150
Monitor Reading (ppm): 0.0	0850	5.31	85.	26.46	950	1.68	146.2	5.38	80
Well Casing Diameter: 2"	0905	5.13	44.	26.45	800	0.89	158.2	5.39	80
Well Casing Material: PVC	0915	5.13	41.	26.61	950	0.81	157.3	5.38	80
Total Well Depth (TD): 17.50	0925	5.13	41.	26.69	750	0.74	160.3	5.38	80
Static Water Level (WL): 5.34	0950	5.10	41.	26.61	270	0.91	181.8	5.38	80
One Casing Volume (gal/ft): 1.9	1005	5.12	40.	27.14	500	0.92	172.7	5.38	80
Start Purge (hrs): 0840	1020	5.13	40.	27.37	500	0.94	177.2	5.38	80
End Purge (hrs): 1020									
Total Purge Time (min): 100									
Total Vol. Purged (gal/ft): 2.5									

Tube 19.50'

Sucum

Drain flow-thru cell

DRAIN FLOW-THRU CELL

SAMPLING DATA

Date: / Time:	Color Descrip	pH pH units	S.C. mS/cm	Temp. °C	Turbidity NTU	DO mg/L	ORP mV	DTW ft BTOC	Flow Rate ml/min
Method:									

SAMPLE COLLECTION INFORMATION

Analysis	Preservative	Container Requirements	Collected
VOCs	HCl	2 - 40 ml vials	
SVOCs	none	2 - 1 liter amber glass	
Metals	HNO3	1 - 1 liter plastic	
Gross Alpha/Gross Beta	HNO3	1 - 1 gal plastic	
TDS/TSS/Hardness/Alkalinity	none	1 -1 liter plastic	

OBSERVATIONS / NOTES

REDEVELOP.

Circle if Applicable:
MS/MSD | Duplicate ID No.:

Signature(s): G. F. Sisco

Date 9-21-99

GROUNDWATER PURGING AND SAMPLING LOG

Page 1 of 1

Project Site Name: NTC Orlando OU 2
Project No.: 7457-BE0-05C-590

[ ] Domestic Well Data
[X] Monitoring Well Data
[ ] Other Well Type:

Sample ID No.: OU2MW04A02
Sample Location:
Sampled By: G.SISCO / R. HILL
C.O.C. No.:

PURGING DATA

Casing Size (in.)	Gals/Ft. of Water	Time Hr:Min	pH pH units	S.C. mS/cm	Temp. °C	Turbidity NTU	DO mg/L	ORP mV	DTW ft BTOC	Flow Rate ml/min
1	0.041	12:10	—	—	—	MUDDY	—	—	5.05	—
2	0.163	1213	—	—	—	"	—	—	5.07	125
3	0.367	1216	—	—	—	>999	—	—	5.07	100
4	0.653	1225	—	—	—	>999	—	—	5.07	100
5	1.020	1230	—	—	—	>999	—	—	5.07	100
6	1.469	1235	—	—	—	>999	—	—	5.07	100
8	2.611	1240	—	—	—	>999	—	—	5.07	100
10	4.080	1245	—	—	—	>999	—	—	5.07	100

Well Casing Diameter: 0.5"
Total Well Depth (TD): 14.65
Static Water Level (WL): 5.00
One Casing Volume(gal/L):
[3.78gal/L]
Start Purge (hrs): 1210
End Purge (hrs): 1245
Total Purge Time (min): 35
Total Vol. Purged (gal/L): ≈4.0

SAMPLE PARAMETERS

	Color Description	pH pH units	S.C. mS/cm	Temp. °C	Turbidity NTU	DO mg/L	ORP mV	DTW ft BTOC	Flow Rate ml/min
Date:									
Time:									

SAMPLE COLLECTION INFORMATION

Analysis	Preservative	Container Requirements	Collected
VOCs	HCl	3 - 40 ml vials	
SVOCs	none	2 - 1 liter amber glass	
Metals	HNO3	1 - 1 liter plastic	
Gross Alpha/Gross Beta	HNO3	1 - 1 gal plastic	
TDS/TSS/Hardness/Alkalinity	none	1 -1 liter plastic	

ADDITIONAL INFORMATION

OVA Reading (ppm): 0.0
Flow-thru cell not to be used until water clears.

Method:
[X] Peristaltic Pump
[ ] Centrifugal Pump
[ ] Bailer
[ ] Tube Evacuation
[ ] Vacuum Jug Assembly
[ ] Other:

Tubing Type:
[X] Polyethylene
[ ] Teflon
[ ] Teflon-lined Polyethylene

Circle if Applicable:
MS/MSD
Duplicate ID No.:

Signature(s):

Date 9-23-99

GROUNDWATER PURGING AND SAMPLING LOG

Project Site Name: NTC Orlando OU 2
Project No.: 7457-BE0-05C-590

[ ] Domestic Well Data
[X] Monitoring Well Data
[ ] Other Well Type:

Sample ID No.: OU2MW04A02
Sample Location:
Sampled By: SISCO & HILL
C.O.C. No.:

PURGING DATA

Casing Size (in.)	Gals/Ft. of Water	Time Hr:Min	pH pH units	S.C. mS/cm	Temp. °C	Turbidity NTU	DO mg/L	ORP mV	DTW ft BTOC	Flow Rate ml/min
1	0.041	1410	—	—	—	>1100	—	—	4.94	90
2	0.163	1415	5.77	66.0	26.78	>1100	1.62	78.2	4.96	120
3	0.367	1420	5.62	59.0	26.52	>1100	1.22	82.8	4.95	120
4	0.653	1425	5.46	53.0	26.17	>1100	1.08	92.6	4.95	120
5	1.020	1430	5.40	50.0	26.31	>1100	1.02	95.2	4.95	120
6	1.469	1435	5.36	49.0	26.43	>1100	1.04	98.3	4.96	125
8	2.611	1440	5.33	47.0	26.49	>1100	1.05	100.1	4.96	120
10	4.080	1445	5.31	46.0	26.55	>1100	1.02	101.3	4.96	120

Well Casing Diameter: 0.5
Total Well Depth (TD): 14.0
Static Water Level (WL): 4.91
One Casing Volume(gal/L):
[3.78~~gals/L~~]

(4.91" I.D.) TUBE @ 11.0'

Start Purge (hrs): 1410
End Purge (hrs): 1445
Total Purge Time (min): 35
Total Vol. Purged (gal/L):

SAMPLE PARAMETERS

	Color Description	pH pH units	S.C. mS/cm	Temp. °C	Turbidity NTU	DO mg/L	ORP mV	DTW ft BTOC	Flow Rate ml/min
Date: 9-23-99									
Time: 1445	BROWN	5.31	46.0	26.55	>1100	1.02	101.3	4.96	120

SAMPLE COLLECTION INFORMATION

Analysis	Preservative	Container Requirements	Collected
VOCs	HCl	3 - 40 ml vials	
SVOCs	none	2 - 1 liter amber glass	
Metals	HNO3	1 - 1 liter plastic	1
Gross Alpha/Gross Beta	HNO3	1 - 1 gal plastic	1
TDS/TSS/Hardness/Alkalinity	none	1 -1 liter plastic	

ADDITIONAL INFORMATION

OVA Reading (ppm): 0.0

Method:
[X] Peristaltic Pump
[ ] Centrifugal Pump
[ ] Bailer
[ ] Tube Evacuation
[ ] Vacuum Jug Assembly
[ ] Other:

Tubing Type:
[X] Polyethylene
[ ] Teflon
[ ] Teflon-lined Polyethylene

Circle if Applicable:
MS/MSD | Duplicate ID No.:

Signature(s): G Fisco

GROUNDWATER PURGING AND SAMPLING LOG

Project Site Name: NTC Orlando OU 2
Project No.: 7457

[ ] Domestic Well Data
[X] Monitoring Well Data
[ ] Other Well Type:
[ ] QA Sample Type:

VSI # 122

Sample ID No.: OU2MW04B02
Sample Location:
Sampled By:
C.O.C. No.:
Type of Sample:
[X] Low Concentration
[ ] High Concentration

PURGING DATA

	Time	pH	S.C.	Temp (°C)	Turbidity	DO	ORP	DTW	Flow Rate
	Hr:Min	pH units	mS/cm	°C	NTU	mg/L	mV	ft BTOC	ml/min
Date: 7-20-99	0840				1000+			6.10	250
Method: PERISTALTIC	0845				1000+			7.58	300
Monitor Reading (ppm): 0.0	0850				1000+			8.20	200
Well Casing Diameter: 2"									
Well Casing Material: PVC									
Total Well Depth (TD): 32.4									
Static Water Level (WL): 5.87									
One Casing Volume (gal/L): 4.3									
Start Purge (hrs): 0840									
End Purge (hrs): 0850									
Total Purge Time (min): 10									
Total Vol. Purged (gal/L):									

32.4
- 2.5
26.9
TVBE

SAMPLING DATA

Date:	Color	pH	S.C.	Temp.	Turbidity	DO	ORP	DTW	Flow Rate
Time:	Descrip	pH units	mS/cm	°C	NTU	mg/L	mV	ft BTOC	ml/min
Method:									

SAMPLE COLLECTION INFORMATION

Analysis	Preservative	Container Requirements	Collected
VOCs	HCl	2 - 40 ml vials	
SVOCs	none	2 - 1 liter amber glass	
Metals	HNO3	1 - 1 liter plastic	
Gross Alpha/Gross Beta	HNO3	1 - 1 gal plastic	
TDS/TSS/Hardness/Alkalinity	none	1 -1 liter plastic	

OBSERVATIONS / NOTES

Could not "tag" bottom of well. Felt like 12 to 18 inches of sand and sediments. Water very murky, lots of solids. Well needs to be redeveloped.

Circle if Applicable:

MS/MSD | Duplicate ID No.:

Signature(s):

Date 9-21-99

GROUNDWATER PURGING AND SAMPLING LOG

Page 1 of 1

Project Site Name: NTC Orlando OU 2
Project No.: 7457-BE0-05C-590

Sample ID No.: OU2MW04B02
Sample Location:
Sampled By:
C.O.C. No.:

[ ] Domestic Well Data
[X] Monitoring Well Data
[ ] Other Well Type:

PURGING DATA

Casing Size (in.)	Gals/Ft. of Water	Time Hr:Min	pH pH units	S.C. mS/cm	Temp. °C	Turbidity NTU	DO mg/L	ORP mV	DTW ft BTOC	Flow Rate ml/min
1	0.041	1304				cloudy			5.48	175
2	0.163	1306				"			5.52	150
3	0.367	1308				>999			5.67	150
4	0.653	1310				>999			5.70	120
5	1.020	1315				>999			5.62	120
6	1.469	1320				>999			5.56	120
8	2.611	1325				>999			5.54	120
10	4.080	1330				>999			5.50	120
		1335				>999			5.48	120
Pulled tubing up 1ft. for Rest		1342				>999			5.48	120
5 min → No diff.										
Well Casing Diameter: 0.5										
Total Well Depth (TD): 30.0										
Static Water Level (WL): 5.05										
One Casing Volume(gal/L):										
[3.78~~gals/L~~]										
Start Purge (hrs): 1304										
End Purge (hrs): 1342										
Total Purge Time (min): 38										
Total Vol. Purged (gal/L):										

SAMPLE PARAMETERS

	Color Description	pH pH units	S.C. mS/cm	Temp. °C	Turbidity NTU	DO mg/L	ORP mV	DTW ft BTOC	Flow Rate ml/min
Date:									
Time:									

SAMPLE COLLECTION INFORMATION

Analysis	Preservative	Container Requirements	Collected
VOCs	HCl	3 - 40 ml vials	
SVOCs	none	2 - 1 liter amber glass	
Metals	HNO3	1 - 1 liter plastic	
Gross Alpha/Gross Beta	HNO3	1 - 1 gal plastic	
TDS/TSS/Hardness/Alkalinity	none	1 -1 liter plastic	

ADDITIONAL INFORMATION

OVA Reading (ppm): 0.0
Flow thru cell not to be used until water clears more.

Method:
[X] Peristaltic Pump
[ ] Centrifugal Pump
[ ] Bailer
[ ] Tube Evacuation
[ ] Vacuum Jug Assembly
[ ] Other:

Tubing Type:
[X] Polyethylene
[ ] Teflon
[ ] Teflon-lined Polyethylene

Circle if Applicable:
MS/MSD
Duplicate ID No.:

Signature(s): G. J. Sisk

Date 9-23-99

GROUNDWATER PURGING AND SAMPLING LOG

Page 1 of 1

Project Site Name: NTC Orlando OU 2
Project No.: 7457-BE0-05C-590

[ ] Domestic Well Data
[X] Monitoring Well Data
[ ] Other Well Type:

Sample ID No.: OU2MW 04B
Sample Location:
Sampled By: SISCO & HILL
C.O.C. No.:

PURGING DATA

Casing Size (in.)	Gals/Ft. of Water	Time Hr:Min	pH pH units	S.C. mS/cm	Temp. °C	Turbidity NTU	DO mg/L	ORP mV	DTW ft BTOC	Flow Rate ml/min
1	0.041	1525	—	—	—	BROWN	—	—	5.64	150
2	0.163	1528	—	—	—	"	—	—	5.72	130
3	0.367	1530	—	—	—	"	—	—	5.68	110
4	0.653	1535	6.66	277.	25.90	>1100	7.21	-73.3	5.62	120
5	1.020	1540	6.65	283.	25.84	>1100	6.56	-113.8	5.62	120
6	1.469	1545	6.59	289.	25.69	>1100	5.98	-136.5	5.61	120
8	2.611	1550	6.53	296.	25.54	>1100	5.09	-146.8	5.61	120
10	4.080	1555	6.49	301.	25.51	>1100	4.11	-151.4	5.61	120

Well Casing Diameter: 0.5
Total Well Depth (TD): 30.05
Static Water Level (WL): 5.22
One Casing Volume(gal/L):
[3.78~~gals/L~~]
Start Purge (hrs): 1525
End Purge (hrs): 1555
Total Purge Time (min): 30
Total Vol. Purged (gal/L):

TUBE 21.5

SAMPLE PARAMETERS

	Color Description	pH pH units	S.C. mS/cm	Temp. °C	Turbidity NTU	DO mg/L	ORP mV	DTW ft BTOC	Flow Rate ml/min
Date: 9-23-99									
Time: 1555	BROWN	6.49	301.	25.51	>1100	4.11	-151.4	5.61	120

SAMPLE COLLECTION INFORMATION

Analysis	Preservative	Container Requirements	Collected
VOCs	HCl	3 - 40 ml vials	
SVOCs	none	2 - 1 liter amber glass	
Metals	HNO3	1 - 1 liter plastic	1
Gross Alpha/Gross Beta	HNO3	1 - 1 gal plastic	1
TDS/TSS/Hardness/Alkalinity	none	1 -1 liter plastic	

ADDITIONAL INFORMATION

OVA Reading (ppm): 0.0

Method:
[X] Peristaltic Pump
[ ] Centrifugal Pump
[ ] Bailer
[ ] Tube Evacuation
[ ] Vacuum Jug Assembly
[ ] Other:

Tubing Type:
[X] Polyethylene
[ ] Teflon
[ ] Teflon-lined Polyethylene

Circle if Applicable:
MS/MSD
Duplicate ID No.:

Signature(s): S. J. Sisco

GROUNDWATER PURGING AND SAMPLING LOG

Project Site Name:	NTC Orlando OU 2	Sample ID No.:	OU2MW05B02
Project No.:	7457	Sample Location:	
		Sampled By:	SISCO / MARGETTS
[ ] Domestic Well Data		C.O.C. No.:	57080
[X] Monitoring Well Data		Type of Sample:	Quanterra
[ ] Other Well Type:		[X] Low Concentration	
[ ] QA Sample Type:		[ ] High Concentration	

Initial: 9.81

PURGING DATA

	Time (Hr:Min)	pH (pH units)	S.C. (mS/cm)	Temp (°C)	Turbidity (NTU)	DO (%)	ORP (mV)	DTW (ft BTOC)	Flow Rate (ml/min)	DO mg/L
Date: 7-13-99	1050	—	—	—	—	—	—	10.20	—	
Method: Peristaltic Pump	1051	~	~	~	—	—	—	10.49	125	—
Monitor Reading (ppm): 0.0	1055	5.42	74.00	27.15	9.5	31.0	10.8	10.60	125	—
Well Casing Diameter: 2"	1100	5.42	73.00	27.??	12.0	18.4	8.9	10.81	125	2.52
Well Casing Material: PVC	1105	5.37	72.00	26.61	14.0	14.0	4.6	10.88	125	1.82
35.24 Total Well Depth (TD): 45.05	1110	5.35	73.00	26.36	13.9	12.1	-0.3	10.91	125	1.42
Static Water Level (WL): 9.81	1115	5.34	72.00	25.89	14.1	11.3	-2.9	10.93	125	0.92
One Casing Volume (gal): 5.6	1120	5.33	70.00	25.67	16.4	10.7	-5.6	10.95	125	0.87
Start Purge (hrs): 1050										
End Purge (hrs): 1315	1145	5.28	69.00	25.65	20.2	10.6	-19.0	10.98	125	0.86
Total Purge Time (min): 150	1150	5.28	69.00	25.50	19.1	10.6	-20.4	11.00	125	0.87
Total Vol. Purged (gal):	1155	5.27	69.00	25.60	18.2	10.7	-21.4	11.01	125	0.88
5.5	1200	5.28	70.00	25.75	17.5	10.9	-22.6	11.015	125	0.88
	1205	5.27	69.00	25.28	16.5	10.7	-23.0	11.015	125	0.88
	1210	5.27	69.00	25.91	15.8	11.1	-24.1	11.20	125	0.91
	1215	5.27	69.00	26.34	15.0	11.6	-25.4	11.25	125	0.93
	1220	5.27	69.00	26.34	14.1	12.1	-27.0	11.10	125	0.95
	1230	5.27	69.00	26.30	13.7	12.1	-26.7	11.00	125	[illegible]
	1235	5.26	69.00	26.46	13.1	12.4	-26.4	11.00	125	1.00
	1340	5.26	69.00	26.57	12.8	12.6	-26.4	11.00	125	1.01
	1245	5.26	71.00	26.30	12.7	12.9	-26.0	11.01	125	1.04
	1250	5.25	71.00	26.46	11.6	13.2	-25.1	11.00	125	1.06
	1255	5.25	71.00	26.36	11.5	13.4	-24.5	11.00	125	1.08
	1305	5.24	70.00	26.44	10.90	14.0	-24.1	11.01	125	1.10
	1310	5.24	71.00	26.36	10.50	14.1	-24.0	11.00	125	1.11
	1315	5.24	70.00	26.40	10.10	14.5	-23.9	11.00	125	1.13

SAMPLING DATA

	Color (Descrip)	pH (pH units)	S.C. (mS/cm)	Temp. (°C)	Turbidity (NTU)	DO (mg/L)	ORP (mV)	DTW (ft BTOC)	Flow Rate (ml/min)	
Date: 7-13-99 Time: 1315 Method: Peristaltic Pump	CLEAR	5.24	71.00	26.40	10.1	14.5	-23.9	11.00	125	1.13

SAMPLE COLLECTION INFORMATION

Analysis	Preservative	Container Requirements	Collected
VOCs	HCl	2 - 40 ml vials	
SVOCs	none	2 - 1 liter amber glass	
Metals	HNO3	1 - 1 liter plastic	X
Gross Alpha/Gross Beta	HNO3	1 - 1 gal plastic	X
TDS/TSS/Hardness/Alkalinity	none	1 -1 liter plastic	

OBSERVATIONS / NOTES

1040 → Called M. Campbell (See Field log).

Circle if Applicable:		Signature(s):
MS/MSD	Duplicate ID No	Sisco / Kenny Margetts

GROUNDWATER PURGING AND SAMPLING LOG

Project Site Name: NTC Orlando OU 2
Project No.: 7457

[ ] Domestic Well Data
[X] Monitoring Well Data
[ ] Other Well Type:
[ ] QA Sample Type:

Sample ID No.: OU2MWC6A02
Sample Location:
Sampled By:
C.O.C. No.:
Type of Sample:
[X] Low Concentration
[ ] High Concentration

PURGING DATA

	Time	pH	S.C.	Temp (°C)	Turbidity	DO	ORP	DTW	Flow Rate
	Hr:Min	pH units	mS/cm	°C	NTU	mg/L	mV	ft BTOC	ml/min
Date: 7-18-99	0845							7.25	100
Method: PERISTALTIC	0850	4.69	623.	25.04	23	20.86	93.1	7.27	100
Monitor Reading (ppm): 0.0	0855	4.67	612.	25.09	17	21.79	85.2	7.30	100
Well Casing Diameter: 2"	0900	4.66	609.	25.20	14	22.84	79.4	7.29	100
Well Casing Material: PVC	0905	4.69	602.	25.39	12	24.59	75.8	7.30	100
Total Well Depth (TD): 17.64	0910	4.69	600.	25.47	11	25.29	72.4	7.29	100
Static Water Level (WL): 7.09	0915	4.70	589.	25.51	10	26.19	70.0	7.30	100
One Casing Volume (gal): 1.7	0920	4.70	579	25.52	10	27.10	66.0	7.29	100
Start Purge (hrs): 0845	0925	4.71	574.	25.55	9.9	28.84	62.4	7.30	100
End Purge (hrs): 0935	0930	4.71	572.	25.54	9.4	30.31	60.2	7.29	100
Total Purge Time (min): 50	0935	4.71	571.	25.58	9.3	30.71	59.3	7.30	100
Total Vol. Purged (gal): 1.3									

SAMPLING DATA

Date: 7-18-99	Color	pH	S.C.	Temp.	Turbidity	DO	ORP	DTW	Flow Rate
Time PERISTALTIC	Descrip	pH units	mS/cm	°C	NTU	mg/L	mV	ft BTOC	ml/min
Method: 0935	YELLOW	4.71	571.	25.58	9.3	30.71	59.3	7.30	100

SAMPLE COLLECTION INFORMATION

Analysis	Preservative	Container Requirements	Collected
VOCs	HCl	2 - 40 ml vials	
SVOCs	none	2 - 1 liter amber glass	
Metals	HNO3	1 - 1 liter plastic	X
Gross Alpha/Gross Beta	HNO3	1 - 1 gal plastic	X
TDS/TSS/Hardness/Alkalinity	none	1 -1 liter plastic	

OBSERVATIONS / NOTES

Circle if Applicable:
MS/MSD | Duplicate ID No.:

A-211

Signature(s): D. J. Lisa

GROUNDWATER PURGING AND SAMPLING LOG

Project Site Name: NTC Orlando OU 2
Project No.: 7457

[ ] Domestic Well Data
[X] Monitoring Well Data
[ ] Other Well Type:
[ ] QA Sample Type:

Sample ID No.: OU2MW06A02
Sample Location:
Sampled By: G.S., K.M., J.B.
C.O.C. No.:
Type of Sample:
[X] Low Concentration
[ ] High Concentration

PURGING DATA

	Time	pH	S.C.	Temp (°C)	Turbidity	DO	ORP	DTW	Flow Rate
	Hr:Min	pH units	mS/cm	°C	NTU	mg/L	mV	ft BTOC	ml/min
Date: 7/29/99	1435							7.18	150
Method: Peristaltic pump	1440	4.74	647.	27.30	6.30	44.68	115.	7.22	120
Monitor Reading (ppm): 12	1450	4.74	~~662~~ 652	27.43	6.27	43.96	113.4		~~TEST~~
Well Casing Diameter: 2"	1455	4.72	654	27.06	6.19	44.44	111.8		
Well Casing Material: PVC	1500	4.70	660	27.03	6.21	44.35	110.5	7.31	120
Total Well Depth (TD): 12.4	1505	4.69	664	26.86	6.09	44.69	110.0	↓	100
Static Water Level (WL): 7.70	1510	4.76	660	27.08	6.11	44.41	108.2	↓	1
One Casing Volume(gal/L):	1515	4.70	662	27.10	6.06	44.35	107.5	↓	
Start Purge (hrs): 1435	1520	4.71	663	27.19	6.10	44.27	106.3	↓	↓
End Purge (hrs): 1520									
Total Purge Time (min): 45									
Total Vol. Purged (gal/L): 1.25									

12.4

SAMPLING DATA

Date: 7/29/99	Color	pH	S.C.	Temp.	Turbidity	DO	ORP	DTW	Flow Rate
Time: 1520	Descrip	pH units	mS/cm	°C	NTU	mg/L	mV	ft BTOC	ml/min
Method: Peristaltic pump	Yellow	4.71	663	27.19	6.10	44.27	106.3	7.31	100

SAMPLE COLLECTION INFORMATION

Analysis	Preservative	Container Requirements	Collected
VOCs	HCl	2 - 40 ml vials	
SVOCs	none	2 - 1 liter amber glass	
Metals	HNO3	1 - 1 liter plastic	✓
Gross Alpha/Gross Beta	HNO3	1 - 1 gal plastic	
TDS/TSS/Hardness/Alkalinity	none	1 -1 liter plastic	

OBSERVATIONS / NOTES

Circle if Applicable:
MS/MSD | Duplicate ID No.

Signature(s): Grant Bunting

GROUNDWATER PURGING AND SAMPLING LOG

Project Site Name: NTC Orlando OU 2
Project No.: 7457

[ ] Domestic Well Data
[X] Monitoring Well Data
[ ] Other Well Type:
[ ] QA Sample Type:

Sample ID No.: OU2MW 06B02
Sample Location:
Sampled By:
C.O.C. No.:
Type of Sample:
[X] Low Concentration
[ ] High Concentration

PURGING DATA

	Time	pH	S.C.	Temp (°C)	Turbidity	DO	ORP	DTW	Flow Rate
	Hr:Min	pH units	mS/cm	°C	NTU	mg/L	mV	ft BTOC	ml/min
Date: 7-15-99									
Method: PERISTALTIC									
Monitor Reading (ppm): 0.0									
Well Casing Diameter: 2"									
Well Casing Material: PVC									
Total Well Depth (TD): 41.30									
Static Water Level (WL): 7.13									
One Casing Volume (gal/L): 5.5									
Start Purge (hrs): 0930									
End Purge (hrs): 0945									
Total Purge Time (min):									
Total Vol. Purged (gal/L):									

REDEVELOP.

SAMPLING DATA

	Color	pH	S.C.	Temp.	Turbidity	DO	ORP	DTW	Flow Rate
Date:	Descrip.	pH units	mS/cm	°C	NTU	mg/L	mV	ft BTOC	ml/min
Time:									
Method:									

SAMPLE COLLECTION INFORMATION

Analysis	Preservative	Container Requirements	Collected
VOCs	HCl	2 - 40 ml vials	
SVOCs	none	2 - 1 liter amber glass	
Metals	HNO3	1 - 1 liter plastic	
Gross Alpha/Gross Beta	HNO3	1 - 1 gal plastic	
TDS/TSS/Hardness/Alkalinity	none	1 -1 liter plastic	

OBSERVATIONS / NOTES

VERY MURKY. VERY SANDY. CANNOT TO DO BOTTOM OF WELL. REDEVELOP.

Circle if Applicable:
MS/MSD
Duplicate ID No.: COULD NOT PLACE TUBING AT DESIRED DEPTH. TOO MUCH SEDIMENT.

Signature(s): J. A. Lisco

Date 9-22-99

GROUNDWATER PURGING AND SAMPLING LOG

Page 1 of 1

Project Site Name: NTC Orlando OU 2
Project No.: 7457-BE0-05C-590

Sample ID No.: OU2MW06B02
Sample Location:
Sampled By: G. SISCO & R. HILL
C.O.C. No.:

[ ] Domestic Well Data
[X] Monitoring Well Data
[ ] Other Well Type:

PURGING DATA

Casing Size (in.)	Gals/Ft. of Water	Time Hr:Min	pH pH units	S.C. mS/cm	Temp. °C	Turbidity NTU	DO mg/L	ORP mV	DTW ft BTOC	Flow Rate ml/min	
1	0.041	0838				~~[illegible]~~			6.99	140	
2	0.163	0841				~~[illegible]~~			7.15	120	
3	0.367	0845							7.75	120	
4	0.653	0847							8.06	110	
5	1.020	0850							8.29	100	
6	1.469	0854							8.49	110	
8	2.611	0857				>1100			8.63	105	
10	4.080	0900				>1100			8.72	105	STABLE
		0906				>1100			8.84	105	
		0912				>1100			8.85	105	
		0918				>1100			8.84	105	
		0924				>1100			8.79	105	
Well Casing Diameter: 0.5		0935				>1100			8.74	105	
Total Well Depth (TD): 41.3		0948				>1100			8.73	105	
Static Water Level (WL): 6.74		0958				>1100			8.69	105	
One Casing Volume(gal/L):		1010	7.45	323.0	23.75	>1100	2.60	-140.3	8.58	105	
		1013	7.49	322.0	23.77	>1100	2.80	-160.1	8.56	105	
[3.78~~gals/L~~]		1016	7.53	322.0	23.78	>1100	3.08	-183.0	8.54	105	
Start Purge (hrs): 0838											
End Purge (hrs): 1016											
Total Purge Time (min): 98											
Total Vol. Purged (gal/L):											

41.9
40.9
5.
35.93
2.5
38.43
37.5
38

SAMPLE PARAMETERS

	Color Description	pH pH units	S.C. mS/cm	Temp. °C	Turbidity NTU	DO mg/L	ORP mV	DTW ft BTOC	Flow Rate ml/min
Date: 9-22-99									
Time: 1016	GR-BRW.	7.53	322.0	23.78	>1100	3.08	-183.0	8.54	105

40
938
22
16
38
60
98

SAMPLE COLLECTION INFORMATION

Analysis	Preservative	Container Requirements	Collected
VOCs	HCl	3 - 40 ml vials	
SVOCs	none	2 - 1 liter amber glass	
Metals	HNO3	1 - 1 liter plastic	
Gross Alpha/Gross Beta	HNO3	1 - 1 gal plastic	
TDS/TSS/Hardness/Alkalinity	none	1 -1 liter plastic	
		2 - 1 gal UNPRESERVED CUBITAINERS	

ADDITIONAL INFORMATION

OVA Reading (ppm): 0.0
VERY TURBID. THICK CHOCOLATEY GRAY-BROWN. ~~TOO THICK FOR FLOW~~ CELL.

Method:
[X] Peristaltic Pump
[ ] Centrifugal Pump
[ ] Bailer
[ ] Tube Evacuation
[ ] Vacuum Jug Assembly
[ ] Other:

Tubing Type:
[X] Polyethylene
[ ] Teflon
[ ] Teflon-lined Polyethylene

Circle if Applicable:
MS/MSD Duplicate ID No.:

Signature(s): G. Sisco

GROUNDWATER PURGING AND SAMPLING LOG

Project Site Name: NTC Orlando OU 2
Project No.: 7457

[ ] Domestic Well Data
[X] Monitoring Well Data
[ ] Other Well Type:
[ ] QA Sample Type:

YSI #122

Sample ID No.: OU2MW07A02
Sample Location:
Sampled By: G. Sisco
C.O.C. No.:
Type of Sample:
[X] Low Concentration
[ ] High Concentration

PURGING DATA

	Time	pH	S.C.	Temp (°C)	Turbidity	DO	ORP	DTW	Flow Rate
	Hr:Min	pH units	mS/cm	°C	NTU	mg/L	mV	ft BTOC	ml/min
Date: 7-20-99	1220							8.79	120
Method: PERISTALTIC	1225	4.95	40.	27.30	400	2.09	59.4	8.78	80
Monitor Reading (ppm): 0.0	1235	4.94	38.	27.13	800	1.29	37.3	8.78	80
Well Casing Diameter: 2"	1245	4.94	37.	27.30	850	1.11	29.6	8.78	80
Well Casing Material: PVC	1255	4.93	38.	26.43	700	1.08	22.9	8.78	80
Total Well Depth (TD): 16.5	1310	4.96	38.	26.58	650	1.06	20.5	8.77	85
Static Water Level (WL): 8.76	1320	4.96	39.	26.65	600	1.10	15.9	8.77	85
One Casing Volume (gal/L): 1.2	1330	4.98	39.	26.50	550	1.07	11.8	8.76	85
Start Purge (hrs): 1220									
End Purge (hrs): 1330									
Total Purge Time (min): 70									
Total Vol. Purged (gal/L): 1.4									

TUBE 11.5

DRAINED FLOW THRU CEL

SAMPLING DATA

Date:	Color	pH	S.C.	Temp.	Turbidity	DO	ORP	DTW	Flow Rate
Time:	Descrip.	pH units	mS/cm	°C	NTU	mg/L	mV	ft BTOC	ml/min
Method:									

SAMPLE COLLECTION INFORMATION

Analysis	Preservative	Container Requirements	Collected
VOCs	HCl	2 - 40 ml vials	
SVOCs	none	2 - 1 liter amber glass	
Metals	HNO3	1 - 1 liter plastic	
Gross Alpha/Gross Beta	HNO3	1 - 1 gal plastic	
TDS/TSS/Hardness/Alkalinity	none	1 -1 liter plastic	

OBSERVATIONS / NOTES

REDEVELOP.

Circle if Applicable:
MS/MSD | Duplicate ID No.:

Signature(s): G. J. Sisco

Date 9-22-99

GROUNDWATER PURGING AND SAMPLING LOG

Page 1 of 1

Project Site Name: NTC Orlando OU 2
Project No.: 7457-BE0-05C-590

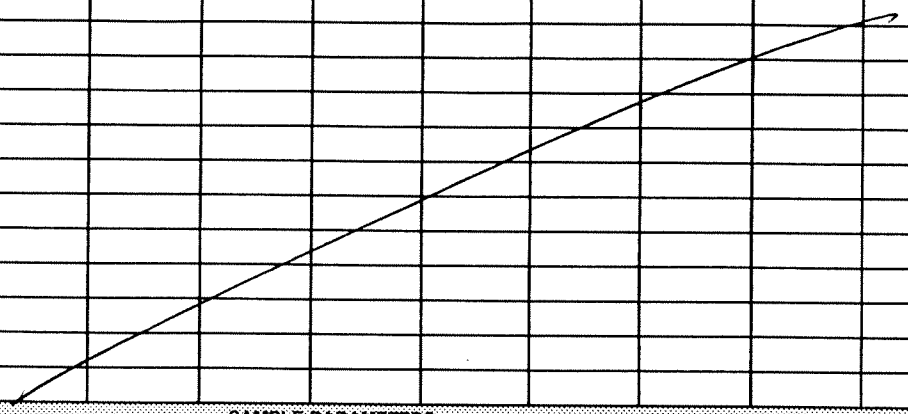
Sample ID No.: OU2MW07A02
Sample Location:
Sampled By: SISCO & HILL
C.O.C. No.:

[ ] Domestic Well Data
[X] Monitoring Well Data
[ ] Other Well Type:

PURGING DATA

Casing Size (in.)	Gals/Ft. of Water	Time Hr:Min	pH pH units	S.C. mS/cm	Temp. °C	Turbidity NTU	DO mg/L	ORP mV	DTW ft BTOC	Flow Rate ml/min
1	0.041	1136	—	—	—	—	—	—	8.30	125
2	0.163	1140	—	—	—	>1100	—	—	8.31	120
3	0.367	1145	5.36	97.00	26.03	>1100	3.06	4.0	8.33	120
4	0.653	1150	5.15	64.00	26.01	>1100	1.56	-3.7	8.32	120
5	1.020	1155	5.07	50.00	26.01	>1100	1.21	-13.9	8.32	120
6	1.469	1200	5.04	47.00	26.11	>1100	1.14	-18.0	8.32	100
8	2.611	1205	5.00	45.00	26.02	>1100	0.98	-23.6	8.32	100
10	4.080	1210	4.97	44.00	25.98	>1100	0.88	-28.7	8.32	100
		1215	4.96	43.00	25.93	>1100	0.86	-33.4	8.32	100
		1220	4.95	42.00	25.95	>1100	0.79	-37.6	8.32	100
		1225	4.94	42.00	26.04	>1100	0.80	-42.6	8.32	100
		1230	4.93	42.00	26.07	>1100	0.79	-44.1	8.32	100

Well Casing Diameter: 0.5
Total Well Depth (TD): 16.97
Static Water Level (WL): 8.28
One Casing Volume(gal/L):
[3.78~~gals/L~~]
Start Purge (hrs): 1136
End Purge (hrs): 1230
Total Purge Time (min): 54
Total Vol. Purged (gal/L):



SAMPLE PARAMETERS

	Color Description	pH pH units	S.C. mS/cm	Temp. °C	Turbidity NTU	DO mg/L	ORP mV	DTW ft BTOC	Flow Rate ml/min
Date: 9-22-99									
Time: 1230	BRWN	4.93	42.00	26.07	>1100	0.79	-44.1	8.32	100

SAMPLE COLLECTION INFORMATION

Analysis	Preservative	Container Requirements	Collected
VOCs	HCl	3 - 40 ml vials	
SVOCs	none	2 - 1 liter amber glass	
Metals	HNO3	1 - 1 liter plastic	
Gross Alpha/Gross Beta	HNO3	1 - 1 gal plastic	
TDS/TSS/Hardness/Alkalinity	none	1 -1 liter plastic	

ADDITIONAL INFORMATION

OVA Reading (ppm): 0.0

Method:
[X] Peristaltic Pump
[ ] Centrifugal Pump
[ ] Bailer
[ ] Tube Evacuation
[ ] Vacuum Jug Assembly
[ ] Other:

Tubing Type:
[X] Polyethylene
[ ] Teflon
[ ] Teflon-lined Polyethylene

Circle if Applicable:
MS/MSD
Duplicate ID No.:

Signature(s): G. J. Sisco

GROUNDWATER PURGING AND SAMPLING LOG

Project Site Name: NTC Orlando OU 2
Project No.: 7457

[ ] Domestic Well Data
[X] Monitoring Well Data
[ ] Other Well Type:
[ ] QA Sample Type:

YSI #105

Sample ID No.: OU2MW07B02
Sample Location:
Sampled By: C. Sisco
C.O.C. No.:
Type of Sample:
[X] Low Concentration
[ ] High Concentration

PURGING DATA

	Time	pH	S.C.	Temp (°C)	Turbidity	DO	ORP	DTW	Flow Rate
	Hr:Min	pH units	mS/cm	°C	NTU	mg/L	mV	ft BTOC	ml/min
Date: 7-20-99	1225	5.24	42.	27.94	25	5.43	111.8	6.98	100
Method: PERISTALTIC	1230	5.13	40.	28.04	21	4.68	120.4	6.98	100
Monitor Reading (ppm): 0.0	1240	5.09	39.	28.33	30	3.70	105.8	6.98	100
Well Casing Diameter: 2"	1250	5.06	39.	27.48	19	3.44	105.8	6.98	100
Well Casing Material: PVC	1255	5.05	39.	26.97	17	3.42	107.1	6.98	100
Total Well Depth (TD): 31.4	1300	5.03	38.	27.50	17	3.34	107.6	6.97	95
Static Water Level (WL): 6.45	1305	5.04	39.	27.32	16	3.40	106.8	6.97	95
One Casing Volume (gal/ft): 3.9	1310	5.02	39.	27.14	15	3.32	107.0	6.97	95
Start Purge (hrs): 1225	1315	5.03	39.	27.19	14	3.30	107.1	6.97	95
End Purge (hrs): 1350	1320	5.02	38.	27.33	14	3.27	105.9	6.98	100
Total Purge Time (min): 85	1325	5.03	38	27.86	14	3.34	104.7	6.98	100
Total Vol. Purged (gal/ft): 2.3	1330	5.04	39	28.01	13	3.39	104.7	6.98	100
	1335	5.04	39.	28.99	12	3.42	104.8	6.98	100
	1340	5.07	39.	29.15	12	3.42	103.9	6.98	100
	1345	5.08	39.	29.32	12	3.43	103.1	6.98	100
	1350	5.07	39.	29.40	10	3.40	103.1	6.98	100

TUBE 28.9

SAMPLING DATA

Date: 7-20-99	Color	pH	S.C.	Temp.	Turbidity	DO	ORP	DTW	Flow Rate
Time: 1350	Descrip	pH units	mS/cm	°C	NTU	mg/L	mV	ft BTOC	ml/min
Method: PERISTALTIC	CLEAR	5.07	39.	29.40	10	3.40	103.1	6.98	100

SAMPLE COLLECTION INFORMATION

Analysis	Preservative	Container Requirements	Collected
VOCs	HCl	2 - 40 ml vials	
SVOCs	none	2 - 1 liter amber glass	
Metals	HNO3	1 - 1 liter plastic	X
Gross Alpha/Gross Beta	HNO3	1 - 1 gal plastic	X
TDS/TSS/Hardness/Alkalinity	none	1 -1 liter plastic	

OBSERVATIONS / NOTES

Circle if Applicable:
MS/MSD | Duplicate ID No.:

A-217

Signature(s): C. Sisco

GROUNDWATER PURGING AND SAMPLING LOG

Project Site Name: NTC Orlando OU 2
Project No.: 7457

[ ] Domestic Well Data
[X] Monitoring Well Data
[ ] Other Well Type:
[ ] QA Sample Type:

Sample ID No.: OU2MW 8A
Sample Location:
Sampled By:
C.O.C. No.:
Type of Sample:
[X] Low Concentration
[ ] High Concentration 9.11

PURGING DATA

	Time	pH	S.C.	Temp (°C)	Turbidity	DO	ORP	DTW	Flow Rate
	Hr:Min	pH units	mS/cm	°C	NTU	mg/L	mV	ft BTOC	ml/min
Date: 7-15-99	0937	4.54	6330	27.11	27.4	1.79	59.7	9.36	150
Method: Peristaltic	0943	4.44	760.	27.31	73.9	2.26	54.3	9.35	140
Monitor Reading (ppm): 0.0	0950	4.43	699	27.43	68.7	2.90	47.2	9.33	145
Well Casing Diameter: 2"	1000	4.44	696	27.14	78.5	3.74	36.8	9.32	140
Well Casing Material: PVC	~~1010~~								(.518)
Total Well Depth (TD): 18.00	1020	4.47	684.	26.90	62.0	4.06	14.8	9.35	145
Static Water Level (WL): 9.11	1030	4.47	677.	27.21	57.4	4.40	10.8	9.35	145
One Casing Volume (gal/L): 1.4	1040	4.49	669.	27.24	53.2	4.50	2.2	9.35	140
Start Purge (hrs): 0938	1050	4.47	674.	27.48	47.8	4.43	-2.3	9.35	145
End Purge (hrs): 1225	1100	4.47	664.	27.27	41.9	4.97	-8.3	9.35	140
Total Purge Time (min): 107	1110	4.47	665.	27.37	38.6	5.40	-14.6	9.35	145
Total Vol. Purged (gal/L): 4.1	1120	4.48	655.	27.49	36.0	5.44	-21.7	9.36	145
	1130	4.46	648.	27.51	32.6	5.73	-24.5	9.34	145
	1140	4.45	654.	27.54	34.7	6.28	-29.5	9.39	145
	1155	4.46	649.	27.50	36.0	6.97	-35.8	9.34	145
	1205	4.46	643.	27.55	36.1	7.11	-38.1	9.39	145
	1215	4.47	643.	27.45	34.6	7.30	-41.7	9.34	145
	1220	4.45	648.	27.62	33.7	7.51	-42.0	9.31	145
	1225	4.46	645.	27.70	34.2	7.59	-42.5	9.31	145

SAMPLING DATA

Date:	Color	pH	S.C.	Temp.	Turbidity	DO	ORP	DTW	Flow Rate
Time:	Descrip.	pH units	mS/cm	°C	NTU	mg/L	mV	ft BTOC	ml/min
Method:									

SAMPLE COLLECTION INFORMATION

Analysis	Preservative	Container Requirements	Collected
VOCs	HCl	2 - 40 ml vials	
SVOCs	none	2 - 1 liter amber glass	
Metals	HNO3	1 - 1 liter plastic	
Gross Alpha/Gross Beta	HNO3	1 - 1 gal plastic	
TDS/TSS/Hardness/Alkalinity	none	1 -1 liter plastic	

OBSERVATIONS / NOTES

REDEVELOP

Circle if Applicable:
MS/MSD | Duplicate ID No.:

Signature(s):

Date 9-23-99

GROUNDWATER PURGING AND SAMPLING LOG

Project Site Name: NTC Orlando OU 2
Project No.: 7457-BE0-05C-590

Sample ID No.: OU2MW08A02
Sample Location:
Sampled By: SISCO & HILL
C.O.C. No.:

[ ] Domestic Well Data
[X] Monitoring Well Data
[ ] Other Well Type:

PURGING DATA

Casing Size (in.)	Gals/Ft. of Water	Time Hr:Min	pH pH units	S.C. mS/cm	Temp. °C	Turbidity NTU	DO mg/L	ORP mV	DTW ft BTOC	Flow Rate ml/min
1	0.041	1130	—	—	—	whitish	—	—	8.58	105
(2)	0.163	1135	4.32	765.	28.34	73.9	13.52	16.7	8.58	90
3	0.367	1140	—	—	—	—	—	—	—	Cut off — Battery Died — Connect to Ca
4	0.653	1145	4.43	755.	28.15	67.0	9.02	-41.7	8.60	125
5	1.020	1150	4.52	742.	28.02	76.5	7.12	-56.9	8.60	90
6	1.469	1155	4.62	728.	28.09	73.8	5.81	-74.5	8.60	90
8	2.611	1200	4.67	718.	28.14	63.4	4.41	-80.7	8.60	90
10	4.080	1205	4.72	707.	28.23	56.0	3.19	-85.8	8.60	90
		1210	4.76	697.	28.22	46.2	2.82	-86.4	8.60	90
		1215	4.80	681.	28.26	37.3	2.33	-87.6	8.60	90
		1220	4.81	679.	28.38	31.7	1.56	-90.2	8.60	90
		1225	4.84	663.	28.38	27.2	1.10	-89.3	8.60	90
Well Casing Diameter: 2.0		1230	4.85	649.	28.33	26.7	0.82	-89.4	8.60	90
Total Well Depth (TD): 18.00		1235	4.87	596.	28.31	21.9	0.70	-89.7	8.60	90
Static Water Level (WL): 8.48		1240	4.89	570.	28.19	19.2	0.27	-91.4	8.60	90
One Casing Volume(gal/L):		1245	4.89	554.	28.17	18.7	0.04	-93.0	8.60	90
		1250	4.88	545.	28.11	21.1	-0.04	-92.3	8.60	90
[3.78~~gals/L~~]										
Start Purge (hrs): 1130										
End Purge (hrs): 1250										
Total Purge Time (min): 80										
Total Vol. Purged (gal/L):										

SAMPLE PARAMETERS

	Color Description	pH pH units	S.C. mS/cm	Temp. °C	Turbidity NTU	DO mg/L	ORP mV	DTW ft BTOC	Flow Rate ml/min
Date: 9-23-99									
Time: 1250	SL. Yellow	4.88	545	28.11	21.1	-0.04	-92.3	8.60	90

SAMPLE COLLECTION INFORMATION

Analysis	Preservative	Container Requirements	Collected
VOCs	HCl	3 - 40 ml vials	
SVOCs	none	2 - 1 liter amber glass	
Metals	~~HNO3~~	1 - 1 liter plastic	1
Gross Alpha/Gross Beta	HNO3	1 - 1 gal plastic	1
TDS/TSS/Hardness/Alkalinity	none	1 -1 liter plastic	

ADDITIONAL INFORMATION

OVA Reading (ppm): 00

Method:
- [X] ~~Peristaltic Pump~~
- [ ] Centrifugal Pump
- [ ] Bailer
- [ ] Tube Evacuation
- [ ] Vacuum Jug Assembly
- [ ] Other:

Tubing Type:
- [X] ~~Polyethylene~~
- [ ] Teflon
- [ ] Teflon-lined Polyethylene

Circle if Applicable:
MS/MSD
Duplicate ID No.:

Signature(s): D. Sisco

GROUNDWATER PURGING AND SAMPLING LOG

Project Site Name: NTC Orlando OU 2
Project No.: 7457

[ ] Domestic Well Data
[X] Monitoring Well Data
[ ] Other Well Type:
[ ] QA Sample Type:

Sample ID No.: OU2MW8R
Sample Location:
Sampled By:
C.O.C. No.:
Type of Sample:
[X] Low Concentration
[ ] High Concentration 8.95

PURGING DATA

	Time	pH	S.C.	Temp (°C)	Turbidity	DO	ORP	DTW	Flow Rate
	Hr:Min	pH units	mS/cm	°C	NTU	mg/L	mV	ft BTOC	ml/min
Date: 7-15-99	0930	5.12	100.0	26.24	44.0	0.84	53.6	9.20	200
Method: PERISTALTIC	0935	5.12	101.0	26.07	+999	0.87	48.9	9.13	150
Monitor Reading (ppm): 0.0	0945	—	—	—	592	—	—	—	—
Well Casing Diameter: 2"	0955	5.05	106.	25.95	460	0.79	37.6	9.11	145
Well Casing Material: PVC	1005	5.02	108.	25.75	299	0.82	32.0	9.14	145
Total Well Depth (TD): 39.52	1025	4.98	109.	25.70	130	0.90	27.2	9.15	145
Static Water Level (WL): 8.93	1035	4.99	109.	25.89	87.7	0.99	24.5	9.15	145
One Casing Volume (gal/L): 4.9	1045	4.98	108.	25.85	59.1	1.05	23.2	9.15	145
Start Purge (hrs): 0930	1055	4.98	108	25.89	37.0	1.13	22.8	9.15	145
End Purge (hrs):	1105	4.97	108	25.95	27.0	1.20	23.2	9.15	145
Total Purge Time (min):	1115	4.99	108	26.11	18.8	1.29	23.9	9.15	145
Total Vol. Purged (gal/L):	1125	4.94	108	25.95	14.4	1.34	24.4	9.15	145
	1135	4.97	110	26.20	10.01	1.49	26.2	9.15	145
	1140	4.97	107.	26.34	8.36	1.55	26.7	9.15	145
	1145	4.97	111.	26.37	7.33	1.58	27.3	9.15	145
	1150	4.94	108	26.31	6.55	1.58	27.4	9.15	145

SAMPLING DATA

Date: 7-15-99	Color	pH	S.C.	Temp.	Turbidity	DO	ORP	DTW	Flow Rate
Time: 1150	Descrip.	pH units	mS/cm	°C	NTU	mg/L	mV	ft BTOC	ml/min
Method:	CLEAR	4.94	108	26.31	6.55	1.58	27.4	9.15	145

SAMPLE COLLECTION INFORMATION

Analysis	Preservative	Container Requirements	Collected
VOCs	HCl	2 - 40 ml vials	
SVOCs	none	2 - 1 liter amber glass	
Metals	HNO3	1 - 1 liter plastic	X
Gross Alpha/Gross Beta	HNO3	1 - 1 gal plastic	X
TDS/TSS/Hardness/Alkalinity	none	1 -1 liter plastic	

OBSERVATIONS / NOTES

Circle if Applicable:
MS/MSD
Duplicate ID No.:

Signature(s):

GROUNDWATER PURGING AND SAMPLING LOG

Project Site Name: NTC Orlando OU 2
Project No.: 7457

[ ] Domestic Well Data
[X] Monitoring Well Data
[ ] Other Well Type:
[ ] QA Sample Type:

Sample ID No.: OU2MW09A02
Sample Location:
Sampled By:
C.O.C. No.:
Type of Sample:
[X] Low Concentration
[ ] High Concentration

PURGING DATA

	Time	pH	S.C.	Temp (°C)	Turbidity	DO	ORP	DTW	Flow Rate
	Hr:Min	pH units	mS/cm	°C	NTU	mg/L	mV	ft BTOC	ml/min
Date: 7-16-99	0845	~	~	~	~	~		8.68	100
Method: PERISTALTIC	0850	5.34	405.	25.58	1.8	1.42	209.7	8.69	100
Monitor Reading (ppm): 0.0	0855	5.36	407.	25.50	5.5	0.90	216.6	8.68	100
Well Casing Diameter: 2"	0900	5.39	411.	25.42	6.3	0.72	219.3	8.69	100
Well Casing Material: PVC	0905	5.39	411.	25.40	6.1	0.65	221.7	8.69	100
Total Well Depth (TD): 17.0	0910	5.40	414.	25.36	7.6	0.61	222.3	8.68	100
Static Water Level (WL): 8.65	0920	5.42	416.	25.39	8.9	0.60	221.3	8.69	100
One Casing Volume (gal/L): 1.3	0930	5.44	419.	25.42	10.0	0.61	220.1	8.68	100
Start Purge (hrs): 0845	0935	5.44	418	25.42	11	0.60	219.8	8.68	100
End Purge (hrs): 1025	0940	5.46	421.	25.53	12	0.60	220.3	8.69	100
Total Purge Time (min): 100	0950	5.46	424.	25.72	12	0.64	226.2	8.70	100
Total Vol. Purged (gal): 2.6	1000	5.42	427.	26.01	12	0.64	233.5	8.70	100
	1015	5.47	422.	25.60	10	0.71	226.9	8.70	100
	1020	5.46	427.	25.52	9.9	0.62	230.1	8.69	100
	1025	5.42	424.	25.60	9.7	0.65	231.3	8.70	100

SAMPLING DATA

Date: 7-16-99	Color	pH	S.C.	Temp.	Turbidity	DO	ORP	DTW	Flow Rate
Time: 1025	Descrip	pH units	mS/cm	°C	NTU	mg/L	mV	ft BTOC	ml/min
Method: PERISTALTIC	CLEAR	5.46	424.	25.60	9.7	0.65	231.3	8.70	100

SAMPLE COLLECTION INFORMATION

Analysis	Preservative	Container Requirements	Collected
VOCs	HCl	2 - 40 ml vials	
SVOCs	none	2 - 1 liter amber glass	
Metals	HNO3	1 - 1 liter plastic	
Gross Alpha/Gross Beta	HNO3	1 - 1 gal plastic	
TDS/TSS/Hardness/Alkalinity	none	1 -1 liter plastic	

OBSERVATIONS / NOTES

Circle if Applicable:
MS/MSD | Duplicate ID No:

Signature(s): Y. A. Fisco

GROUNDWATER PURGING AND SAMPLING LOG

Project Site Name: NTC Orlando OU 2
Project No.: 7457

[ ] Domestic Well Data
[X] Monitoring Well Data
[ ] Other Well Type:
[ ] QA Sample Type:

Sample ID No.: OU2MW09B02
Sample Location:
Sampled By:
C.O.C. No.:
Type of Sample:
[X] Low Concentration
[ ] High Concentration

PURGING DATA

	Time	pH	S.C.	Temp (°C)	Turbidity	DO	ORP	DTW	Flow Rate
	Hr:Min	pH units	mS/cm	°C	NTU	mg/L	mV	ft BTOC	ml/min
Date: 7-16-99	0845							8.91	150
Method: PERISTALTIC	0850	5.08	258.	24.85	35	1.67	44.6	8.93	145
Monitor Reading (ppm): 0.0	0900	5.03	256.	24.88	22	1.37	13.7	8.90	100
Well Casing Diameter: 2"	0905	5.03	255.	24.87	18	1.29	-1.1	8.90	100
Well Casing Material: PVC	0910	5.02	256.	24.84	19	1.25	-11.5	8.90	100
Total Well Depth (TD): 40.4	0915	5.01	258.	24.84	19	1.46	-11.6	8.91	100
Static Water Level (WL): 8.70	0925	5.00	260.	24.64	22	1.18	-16.6	8.90	105
One Casing Volume (gal): 5.1	0930	4.99	261.	24.61	20	1.21	-19.9	8.89	100
Start Purge (hrs): 0845	0940	5.00	261.	24.69	21	1.20	-24.6	8.90	100
End Purge (hrs): 1055	0950	5.00	261.	24.83	24	1.19	-27.4	8.93	100
Total Purge Time (min): 130	1000	5.00	260.	24.74	23	1.18	-29.5	8.93	100
Total Vol. Purged (gal): 4	1010	5.01	263.	24.93	18	1.22	-30.3	8.93	105
	1020	5.01	261.	24.80	20	1.21	-31.0	8.92	100
	1035	5.01	260.	25.08	19	1.23	-31.8	8.93	100
	1045	5.00	260.	25.34	20	1.26	-32.6	8.93	100
	1055	5.01	254	24.99	19	1.19	-33.4	8.93	100

SAMPLING DATA

Date: 7-16-99	Color	pH	S.C.	Temp.	Turbidity	DO	ORP	DTW	Flow Rate
Time: 1055	Descrip.	pH units	mS/cm	°C	NTU	mg/L	mV	ft BTOC	ml/min
Method: PERISTALTIC	CLEAR	5.01	254.	24.99	19	1.19	-33.4	8.93	100

SAMPLE COLLECTION INFORMATION

Analysis	Preservative	Container Requirements	Collected
VOCs	HCl	2 - 40 ml vials	
SVOCs	none	2 - 1 liter amber glass	
Metals	HNO3	1 - 1 liter plastic	X
Gross Alpha/Gross Beta	HNO3	1 - 1 gal plastic	
TDS/TSS/Hardness/Alkalinity	none	1 -1 liter plastic	

OBSERVATIONS / NOTES

Slight cloudiness; no sediments or solids.

Circle if Applicable:
MS/MSD | Duplicate ID No.:

Signature(s): S. F. Disco

GROUNDWATER SAMPLE LOG SHEET

Project Site Name: Orlando NTC
Project No.: 7457

[ ] Domestic Well Data
[X] Monitoring Well Data
[ ] Other Well Type:
[ ] QA Sample Type:

Sample ID No.: See p. 2
Sample Location: 10A
Sampled By:
C.O.C. No.:
Type of Sample:
[X] Low Concentration
[ ] High Concentration

SAMPLING DATA

Date: 6-27-99 / Time:	Color	pH	S.C. mS/cm	Temp. °C	Turbidity NTU	DO (mg/L) Meter	DO (mg/L) Titration			
Method:										

PURGE DATA

Date: 6-27-99	Time	pH	S.C.	Temp (°C)	Turbidity	DO	Salinity	ORP	DTW	Flow
Method: Peristaltic Pump	1038	—	—	—	—	—	—	—	—	100
Monitor Reading (ppm): 0	1039	5.02	52.0	28.08	42.0	5.36	—	233.8	3.02	—
Well Casing Diameter: 2"	1043	4.82	48.0	28.07	42.2	5.25	—	255.5	3.02	100
Well Casing Material: PVC	1048	4.93	48.0	27.97	42.9	5.19	—	246.7	3.03	100
Total Well Depth (TD): 15'	1053	5.10	48.0	27.88	46.3	5.06	—	234.8	3.04	125
Static Water Level (WL): 2.99	1053	5.22	45.0*	27.88	45.2	5.05	—	230.5	3.04	100
One Casing Volume(gal/L):	1103	5.27	45.0	27.90	44.2	5.05	—	229.2	3.04	100
Start Purge (hrs): 1036	1108	5.28	45.0	27.95	45.0	5.03	—	230.2	3.04	110
End Purge (hrs): 1415	1114	5.31	45.0	27.97	43.8	5.00	—	231.1	3.04	110
Total Purge Time (min): 219	1119	5.27	45.0	27.96	44.6	4.97	—	232.5	3.04	110
Total Vol. Purged (gal/L): ~5.5	1125	5.29	45.0	27.96	46.4	4.98	—	240.5	3.05	125

SAMPLE COLLECTION INFORMATION

Analysis	Preservative	Container Requirements	Collected

OBSERVATIONS / NOTES

ORP = ox-reduction potential, millivolts
DTW = depth to water, feet
Flow = ml/min

Static DTW = 2.99' @ 1030
1038 water has yel-brown color
* prior readings were conductivity

Circle if Applicable:

MS/MSD | Duplicate ID No.:

A-223

Signature(s): Kent J Marcott
Albert Jenkins

GROUNDWATER SAMPLE LOG SHEET

Project Site Name: Orlando NTC
Project No.: 7457

[ ] Domestic Well Data
[X] Monitoring Well Data
[ ] Other Well Type:
[ ] QA Sample Type:

Sample ID No.: OU2MW10A02 ~~OU2MW10A02~~ (DUP)
Sample Location: 10A
Sampled By: K. Margetts
C.O.C. No.:
Type of Sample:
[X] Low Concentration
[ ] High Concentration

SAMPLING DATA

Date: 6-27-99 / Time: 1415/1423	Color	pH	S.C. mS/cm	Temp. °C	Turbidity NTU	DO (mg/L) Meter	DO (mg/L) Titration	ORP	DTW	Flow
Method:	slight	5.34	45.0	28.87	44.3	4.97	—	206.2	3.04	100

PURGE DATA

	Time	pH	S.C.	Temp (°C)	Turbidity	DO	Salinity	ORP	DTW	Flow
Method:	1140	5.32	45.0	28.01	45.1	5.01	—	247.9	3.04	110
Monitor Reading (ppm):	1157	5.34	45.0	28.27	44.9	5.01	—	253.9	3.03	100
Well Casing Diameter:	1228	5.34	45.0	28.38	—	5.00	—	262.5	3.04	110
Well Casing Material:	* see lab book									
Total Well Depth (TD):	1348	5.37	45.0	29.01	42.6	5.00	—	167.6	3.04	110
Static Water Level (WL):	1358	5.34	45.0	28.84	43.1	4.97	—	192.9	3.04	110
One Casing Volume(gal/L):	1405	5.34	45.0	28.87	44.3	4.97	—	206.2	3.04	100
Start Purge (hrs):										
End Purge (hrs):										
Total Purge Time (min):										
Total Vol. Purged (gal/L):										

SAMPLE COLLECTION INFORMATION

Analysis	Preservative	Container Requirements	Collected
Inorganics	HNO3	1 liter plastic	yes
Gross alpha + beta	HNO3	1 gallon plastic	yes

OBSERVATIONS / NOTES

Circle if Applicable:
MS/MSD | Duplicate ID No.:

Signature(s): Kevin McMargetts, Alberto Jefferies

GROUNDWATER SAMPLE LOG SHEET

Project Site Name: Orlando NTC
Project No.: 7457

[ ] Domestic Well Data
[ ] Monitoring Well Data
[ ] Other Well Type:
[ ] QA Sample Type:

Sample ID No.: (None)
Sample Location: IOA
Sampled By:
C.O.C. No.:
Type of Sample:
[ ] Low Concentration
[ ] High Concentration

High-Flow
Purge @ 1 liter/min

SAMPLING DATA

Date: NA	Color	pH	S.C. mS/cm	Temp. °C	Turbidity NTU	DO (mg/L) Meter	DO (mg/L) Titration	CO_2	H_2S	Fe +2
Time: NA										
Method: NA										

PURGE DATA

Date: 6-27-99	Time Volume (L)	pH	S.C.	Temp (°C)	Turbidity	DO	Salinity	ORP	DTW	Flow
Method: Peristaltic Pump	Initial						—			
Monitor Reading (ppm): 0	1706	5.01	46.00	26.51	32.2	7.13	—	189.9	3.33	1000
Well Casing Diameter: 2"	1713	5.08	46.0	26.49	30.0	6.41	—	197.0	3.33	~1050
Well Casing Material: PVC	1721	5.06	46.0	26.47	28.9	7.18	—	202.0	—	—
Total Well Depth (TD): 15	1729	5.06	46.0	26.49	28.1	5.96	—	201.9	3.33	~1050
Static Water Level (WL): —	1736	5.05	46.0	26.42	26.2	2.24	—	200.8	—	—
One Casing Volume(gal/L):	1753*	5.05	46.0	26.32	45.5	5.10	—	185.0	3.32	1000
Start Purge (hrs): 1036/1454										
End Purge (hrs): 1754										
Total Purge Time (min):										
Total Vol. Purged (gal/L):										

SAMPLE COLLECTION INFORMATION

Analysis	Preservative	Container Requirements	Collected

OBSERVATIONS / NOTES

Flow = ml/min
Tried higher flow rate to see affect on turbidity.
* 1743 lowered tubing in well 1'; 1750 lowered tubing another 1 ft.

Circle if Applicable:
MS/MSD
Duplicate ID No.: A-225

Signature(s): Allen Jenkins

1754 stopped purging due to approaching storm.

GROUNDWATER SAMPLE LOG SHEET

Project Site Name: Orlando NTC
Project No.: 7457

[ ] Domestic Well Data
[x] Monitoring Well Data
[ ] Other Well Type:
[ ] QA Sample Type:

Sample ID No.: (None)
Sample Location: 10A
Sampled By:
C.O.C. No.:
Type of Sample:
[x] Low Concentration
[ ] High Concentration

After Well Development

SAMPLING DATA

Date: 7-1-99 / Time: NONE	Color	pH	S.C. mS/cm	Temp. °C	Turbidity NTU	DO (mg/L) Meter	DO (mg/L) Titration			
Method:										

PURGE DATA

Date:	Time	pH	S.C.	Temp (°C)	Turbidity	DO	Salinity	ORP	DTW	Flow
Method:	0854	4.97	42.0	27.15	94.6	5.75	—	265.5	3.20	160
Monitor Reading (ppm):	0859	4.99	42.0	27.14	81.0	5.71	—	267.7	3.19	160
Well Casing Diameter:	0904	5.00	42.0	27.23	70.6	5.64	—	270.4	3.19	150
Well Casing Material:	0910	5.00	42.0	27.09	64.3	5.67	—	272.6	3.19	150
Total Well Depth (TD):	0915	4.97	42.0	27.00	61.5	5.64	—	275.4	3.19	140
Static Water Level (WL): 3.14	0922	4.97	42.0	26.90	55.9	5.58	—	277.4	3.19	140
One Casing Volume(gal/L):	0945	5.03	42.0	27.20	51.3	5.59	—	278.8	3.19	140
Start Purge (hrs):	0946	increase	flow	rate			—			
End Purge (hrs):	0949	4.89	41.0	26.83	54.0	5.46	—	294.2	3.39	750
Total Purge Time (min):	1000	4.91	41.0	26.71	81.5	5.55	—	295.1	3.44	96
Total Vol. Purged (gal/L):	1005	4.89	40.0	26.66	76.4	5.41	—	297.0	3.46	900

SAMPLE COLLECTION INFORMATION

Analysis	Preservative	Container Requirements	Collected
No Sample Collected			

OBSERVATIONS / NOTES

Flow = ml/min
S

Water has light yellow-brown color at start

Circle if Applicable:
MS/MSD
Duplicate ID No.:

Signature(s): Allan T. Jenkins

GROUNDWATER SAMPLE LOG SHEET

Project Site Name: Orlando NTC
Project No.: 7457

[ ] Domestic Well Data
[X] Monitoring Well Data
[ ] Other Well Type:
[ ] QA Sample Type:

Sample ID No.: (None)
Sample Location: IDA
Sampled By:
C.O.C. No.:
Type of Sample:
[X] Low Concentration
[ ] High Concentration

After well Development

SAMPLING DATA

Date: None / Time:	Color	pH	S.C. mS/cm	Temp. °C	Turbidity NTU	DO (mg/L) Meter	DO (mg/L) Titration			
Method:										

PURGE DATA

Date: 7-1-99	Time	pH	S.C.	Temp (°C)	Turbidity	DO	Salinity	ORP	DTW	Flow
Method:	1010	4.87	40.0	26.63	77.7	5.20	—	298.8	3.44	900
Monitor Reading (ppm):	1014	—	—	—	78.2	—	—	—	3.44	900
Well Casing Diameter:	1018	—	—	—	99.6	—	—	—	3.44	900
Well Casing Material:	1023	4.84	40.0	26.63	84.9	4.47	—	298.3	3.45	900
Total Well Depth (TD):	1028	—	—	—	79.0	—	—	—	3.45	900
Static Water Level (WL):	1038	4.80	40.00	26.63	70.3	3.65	—	296.3	3.45	900
One Casing Volume(gal/L):	1041	4.85	40.00	26.64	87.3	3.61	—	293.6	3.45	900
Start Purge (hrs):	1045	—	—	—	75.1	—	—	—	3.45	900
End Purge (hrs): 1055	1050	4.81	40.00	26.64	65.1	3.01	—	294.1	3.45	900
Total Purge Time (min):	1055	4.77	40.00	26.64	60.8	2.85	—	293.5	3.45	900
Total Vol. Purged (gal/L):										

SAMPLE COLLECTION INFORMATION

Analysis	Preservative	Container Requirements	Collected
No Sample Collected			

OBSERVATIONS / NOTES

1015 lower tubing ~1ft in well
1039 raise tubing ~2 ft in well (i.e. 1 ft above starting level)
water color remains very light yellow through purging.

Circle if Applicable:

MS/MSD	Duplicate ID No.:

Signature(s): Allen Jenkins

GROUNDWATER SAMPLE LOG SHEET

Project Site Name: Orlando NTC
Project No.: 7457

[ ] Domestic Well Data
[X] Monitoring Well Data
[ ] Other Well Type:
[ ] QA Sample Type:

Sample ID No.: see p. 2
Sample Location: 10B
Sampled By:
C.O.C. No.:
Type of Sample:
[X] Low Concentration
[ ] High Concentration

SAMPLING DATA

Date: / Time:	Color	pH	S.C. mS/cm	Temp. °C	Turbidity NTU	DO (mg/L) Meter	DO (mg/L) Titration			
Method:										

PURGE DATA

Date: 6-27-99	Time	pH	S.C.	Temp (°C)	Turbidity	DO	Salinity	ORP	DTW	Flow
Method: Peristaltic Pump	1044	—	—	—	—	—	—	—	—	100
Monitor Reading (ppm):	1045	5.36	116.6	26.68	3.98	-13.61	—	-6.8	3.45	100
Well Casing Diameter: 2"	1050	5.36	120.0	26.82	2.50	-13.08	—	-9.7	3.45	100
Well Casing Material: PVC	1055	5.36	118.0	26.76	2.98	-13.15	—	-11.2	~~4.63~~ 3.46	100
Total Well Depth (TD): 36'	1100	5.35	1150*	26.68	3.49	-13.23	—	-12.8	3.48	110
Static Water Level (WL): 3.25	1105	5.34	117.0	26.65	3.08	-13.36	—	-15.3	3.48	100
One Casing Volume(gal/L):	1110	5.34	117.0	26.71	4.40	-12.59	—	-16.8	3.48	100
Start Purge (hrs): 1036	1115	5.34	117.0	26.70	3.83	-12.74	—	-18.3	3.49	100
End Purge (hrs): 1415	1120	5.33	116.0	26.52	4.50	-12.35	—	-19.7	3.52	120
Total Purge Time (min): 219	1126	5.33	115.0	26.59	4.99	-11.70	—	-20.8	3.50	100
Total Vol. Purged (gal/L): ~5.5	1141	5.33	118.0	26.93	5.09	-10.85	—	-24.2	3.47	100

SAMPLE COLLECTION INFORMATION

Analysis	Preservative	Container Requirements	Collected

OBSERVATIONS / NOTES

Static DTW = 3.25' @ 1030
*prior readings were conductivity

Circle if Applicable: MS/MSD | Duplicate ID No.:

Signature(s): Albert Jenkins

GROUNDWATER SAMPLE LOG SHEET

Project Site Name: Orlando NTC
Project No.: 7457

[ ] Domestic Well Data
[X] Monitoring Well Data
[ ] Other Well Type:
[ ] QA Sample Type:

Sample ID No.: 002MW10B02
Sample Location: 10B
Sampled By: D. Munson
C.O.C. No.:
Type of Sample:
[X] Low Concentration
[ ] High Concentration

SAMPLING DATA

Date: 6-27-99 / Time: 1415/1423	Color	pH	S.C. mS/cm	Temp. °C	Turbidity NTU	DO (mg/L) Meter	DO (mg/L) Titration	ORP	DTW	Flow
Method:	clear	5.34	140.0	27.63	2.95	-7.65	—	-42.1	3.50	120

PURGE DATA

Date:	Time	pH	S.C.	Temp (°C)	Turbidity	DO	Salinity	ORP	DTW	Flow
Method:	1159	5.34	120.0	27.10	4.64	-9.76	--	-27.8	3.47	95
Monitor Reading (ppm):	1230	5.33	126.0	27.13	3.83	-8.02	—	-32.7	3.50	110
Well Casing Diameter:	* see log book									
Well Casing Material:	1349	5.35	138.0	28.12	3.00	-8.70	—	-37.6	3.47	105
Total Well Depth (TD):	1359	5.34	141.0	27.84	2.43	-8.13	—	-40.1	3.47	110
Static Water Level (WL):	1406	5.34	140.0	27.63	2.95	-7.65		-42.1	3.50	120
One Casing Volume(gal/L):										
Start Purge (hrs):										
End Purge (hrs):										
Total Purge Time (min):										
Total Vol. Purged (gal/L):										

SAMPLE COLLECTION INFORMATION

Analysis	Preservative	Container Requirements	Collected
Inorganics	HNO3	1 liter plastic	yes
Gross alpha + beta	HNO3	1 gallon plastic	yes

OBSERVATIONS / NOTES

Circle if Applicable:
MS/MSD
Duplicate ID No.:

Signature(s): Albert Jenkins
R D Munson

GROUNDWATER PURGING AND SAMPLING LOG

Project Site Name: NTC Orlando OU 2
Project No.: 7457

[ ] Domestic Well Data
[X] Monitoring Well Data
[ ] Other Well Type:
[ ] QA Sample Type:

Sample ID No.: OU2MW11A02
Sample Location:
Sampled By:
C.O.C. No.:
Type of Sample:
[X] Low Concentration
[ ] High Concentration

PURGING DATA

	Time	pH	S.C.	Temp (°C)	Turbidity	DO	ORP	DTW	Flow Rate	
	Hr:Min	pH units	mS/cm	°C	NTU	mg/L	mV	ft BTOC	ml/min	
Date: 7-17-09	1445							9.08	150	
Method: PERISTALTIC	1455	4.60	88.0	26.17	25	2.42	182.8	9.11	175	
Monitor Reading (ppm): 0.0	1500	4.59	85.	26.61	30	1.01	185.5	9.12	80	
Well Casing Diameter: 2"	1505	4.58	84.	25.59	50	0.75	181.5	9.20	80	
Well Casing Material: PVC	1515	4.57	85.	25.13	55	0.62	172.8	9.22	85	
Total Well Depth (TD): 17.4	1525	4.56	85.	24.93	60	0.57	167.5	9.23	85	Drawn Flow th Cell.
Static Water Level (WL): 5.89	1535	4.57	86.	24.88	75	0.55	165.1	9.20	80	
One Casing Volume (gal/L): 1.4	1540	4.57	87.	24.83	65	0.54	161.1	9.20	80	
Start Purge (hrs): 1445	1545	4.57	88	24.93	60	0.54	159.6	9.20	80	
End Purge (hrs):	1550	4.58	87.	25.13	55	0.55	159.6	9.20	80	
Total Purge Time (min):	1555	4.59	87.	25.37	50	0.54	159.6	9.20	80	
Total Vol. Purged (gal/L):	1600	4.58	87.	25.39	50	0.53	159.0	9.20	80	
	1605	4.58	84.	25.56	40	0.55	158.7	9.20	80	
	1610	4.58	86.	25.59	45	0.54	158.7	9.20	80	
	1625	4.59	85.	26.30	39	0.59	172.7	9.17	80	Drawn Flow thru cell
	1630	4.59	87.	26.56	36	0.55	169.4	9.19	80	
	1635	4.59	87.	27.03	33	0.52	166.2	9.18	80	
	1640	4.59	88	27.11	30	0.51	165.1	9.19	80	
	1645	4.59	88.	27.12	28	0.50	164.8	9.18	80	
	1655	4.60	86.	27.81	26	0.50	172.7	9.20	80	Drawn f-t- ce
	1700	4.60	87.	27.52	26	0.45	160.0	9.20	80	

SAMPLING DATA

Date: 7-17-09	Color	pH	S.C.	Temp.	Turbidity	DO	ORP	DTW	Flow Rate
Time: 1700	Descrip	pH units	mS/cm	°C	NTU	mg/L	mV	ft BTOC	ml/min
Method: Peristaltic	1700	4.60	87.	27.52	28	0.45	160.0	9.20	80

SAMPLE COLLECTION INFORMATION

Analysis	Preservative	Container Requirements	Collected
VOCs	HCl	2 - 40 ml vials	
SVOCs	none	2 - 1 liter amber glass	
Metals	HNO3	1 - 1 liter plastic	X
Gross Alpha/Gross Beta	HNO3	1 - 1 gal plastic	X
TDS/TSS/Hardness/Alkalinity	none	1 -1 liter plastic	X

OBSERVATIONS / NOTES

Circle if Applicable:

MS/MSD | Duplicate ID No.

Signature(s): G. J. Lisco

GROUNDWATER PURGING AND SAMPLING LOG

Project Site Name: NTC Orlando OU 2
Project No.: 7457

[ ] Domestic Well Data
[X] Monitoring Well Data
[ ] Other Well Type:
[ ] QA Sample Type:

Sample ID No.: OU2MW114-02
Sample Location:
Sampled By: G.S. J.B.
C.O.C. No.:
Type of Sample:
[X] Low Concentration
[ ] High Concentration

PURGING DATA

	Time	pH	S.C.	Temp (°C)	Turbidity	DO	ORP	DTW	Flow Rate
	Hr:Min	pH units	mS/cm	°C	NTU	mg/L	mV	ft BTOC	ml/min
Date: 7/31/14	0855							9.10	145
Method: Peristaltic pump	0900	4.63	72	25.95	19.2	8.44	160.3	9.12	90
Monitor Reading (ppm): 0	0905	4.59	71	26.19	19.0	7.17	166.5	↓	↓
Well Casing Diameter: 2"	0845	4.55	70	26.24	17.1	7.82	172.7	↓	↓
Well Casing Material: PVC	0850	4.51	70	26.12	16.9	8.51	177.6	9.17	80
Total Well Depth (TD): 17.4	0855	4.48	70	26.36	16.6	9.64	182.3	9.15	
Static Water Level (WL): 8.92	0900	4.49	70	26.55	16.6	10.52	182.0	↓	
One Casing Volume(gal/L):	0905	4.47	70	26.66	16.5	11.30	183.8	↓	
Start Purge (hrs): 0850	0910	4.47	71	26.72	16.7	11.47	184.9	↓	
End Purge (hrs): 0930	0915	4.47	73	26.83	16.7	12.02	185.1	↓	
Total Purge Time (min): 40	0920	4.46	70	26.80	16.7	12.36	185.2	↓	
Total Vol. Purged (gal/L):	0925	4.46	70	26.72	17.1	12.83	184.9	↓	
	0930	4.45	70	26.79	17.1	12.83	185.2	✓	✓

SAMPLING DATA

Date: 7/31/14	Color	pH	S.C.	Temp.	Turbidity	DO	ORP	DTW	Flow Rate
Time 0930	Descrip	pH units	mS/cm	°C	NTU	mg/L	mV	ft BTOC	ml/min
Method: Peristaltic pump		4.45	70	26.79	17.1	12.83	185.2	9.15	80

SAMPLE COLLECTION INFORMATION

Analysis	Preservative	Container Requirements	Collected
VOCs	HCl	2 - 40 ml vials	
SVOCs	none	2 - 1 liter amber glass	
Metals	HNO3	1 - 1 liter plastic	✓
Gross Alpha/Gross Beta	HNO3	1 - 1 gal plastic	
TDS/TSS/Hardness/Alkalinity	none	1 -1 liter plastic	✓

OBSERVATIONS / NOTES

Circle if Applicable:
MS/MSD
Duplicate ID No.

Signature(s): J. Brodnycki

GROUNDWATER PURGING AND SAMPLING LOG

Project Site Name: NTC Orlando OU 2
Project No.: 7457

Sample ID No.: OU2MW11B
Sample Location:
Sampled By:
C.O.C. No.:
Type of Sample:
[X] Low Concentration
[ ] High Concentration

[ ] Domestic Well Data
[X] Monitoring Well Data
[ ] Other Well Type:
[ ] QA Sample Type:

8.91

PURGING DATA

	Time	pH	S.C.	Temp (°C)	Turbidity	DO	ORP	DTW	Flow Rate
	Hr:Min	pH units	mS/cm	°C	NTU	mg/L	mV	ft BTOC	ml/min
Date: 7-17-99	1445							9.41	80
Method: PERISTALTIC	1455	5.65	354.	26.17	220	2.37	-56.2	9.48	85
Monitor Reading (ppm): 0.0	1505	5.65	343.	25.35	150	2.18	-69.0	9.36	80
Well Casing Diameter: 2"	1515	5.57	337.	24.77	140	2.09	-71.4	9.36	85
Well Casing Material: PVC	1520	5.59	338.	24.65	150	2.13	-73.9	9.36	80
Total Well Depth (TD): 34.6	1530				1000+				
Static Water Level (WL): 8.91									
One Casing Volume (gal/L): 4.1									
Start Purge (hrs): 1445									
End Purge (hrs):									
Total Purge Time (min):									
Total Vol. Purged (gal/L):									

Very Muddy until Purge Stops

Needs Redevelopment

SAMPLING DATA

Date:	Color	pH	S.C.	Temp.	Turbidity	DO	ORP	DTW	Flow Rate
Time:	Descrip	pH units	mS/cm	°C	NTU	mg/L	mV	ft BTOC	ml/min
Method:									

SAMPLE COLLECTION INFORMATION

Analysis	Preservative	Container Requirements	Collected
VOCs	HCl	2 - 40 ml vials	
SVOCs	none	2 - 1 liter amber glass	
Metals	HNO3	1 - 1 liter plastic	
Gross Alpha/Gross Beta	HNO3	1 - 1 gal plastic	
TDS/TSS/Hardness/Alkalinity	none	1 -1 liter plastic	

OBSERVATIONS / NOTES

REDEVELOP ©

Circle if Applicable:
MS/MSD
Duplicate ID No.

A-232

Signature(s):

Date 9-22-99

GROUNDWATER PURGING AND SAMPLING LOG

Page 1 of 1

Project Site Name: NTC Orlando OU 2
Project No.: 7457-BE0-05C-590

Sample ID No.: OU2MW11B02
Sample Location:
Sampled By: SISCO & HILL
C.O.C. No.:

[ ] Domestic Well Data
[X] Monitoring Well Data
[ ] Other Well Type:

PURGING DATA

Casing Size (in.)	Gals/Ft. of Water	Time Hr:Min	pH pH units	S.C. mS/cm	Temp. °C	Turbidity NTU	DO mg/L	ORP mV	DTW ft BTOC	Flow Rate ml/min
1	0.041	1330	—	—	—	clear	—	—	8.62	100
2	0.163	1333	—	—	—	clear	—	—	8.61	100
3	0.367	1340	5.96	429.	25.70	25.0	25.11	39.9	8.62	100
4	0.653	1345	5.89	402.	25.47	40.0	24.76	2.9	8.64	100
5	1.020	1350	5.82	383.	25.31	74.8	22.16	-14.1	8.64	100
6	1.469	1355	5.78	357.	25.44	115	20.24	-33.0	8.64	100
8	2.611	1400	5.66	326.	25.37	201	17.56	-50.0	8.64	100
10	4.080	1405	5.59	291.	25.38	358	16.93	-58.2	8.64	100
		1410	5.51	265.	25.32	493	14.74	-62.9	8.64	100
		1415	5.46	252.	25.43	508	13.30	-67.8	8.64	100
		1420	5.46	246.	25.51	462	12.49	-69.8	8.64	100
		1425	5.45	239.	25.32	509	11.54	-55.2	8.65	100
Well Casing Diameter: 0.5		1430	5.44	238.	25.45	427	11.44	-66.8	8.65	100
Total Well Depth (TD): 35.15		1435	5.43	237.	25.10	383	11.04	-73.5	8.65	100
Static Water Level (WL): 8.49		1440	5.43	237.	25.11	349	11.05	-71.0	8.65	100
One Casing Volume(gal/L):		1445	5.44	240.	24.96	308	11.67	-79.2	8.65	100
		1450	5.45	242.	24.87	320	11.16	-81.5	8.65	100
[3.78gal/L]										
Start Purge (hrs): 1330										
End Purge (hrs): 1450										
Total Purge Time (min): 80										
Total Vol. Purged (gal/L):										

SAMPLE PARAMETERS

	Color Description	pH pH units	S.C. mS/cm	Temp. °C	Turbidity NTU	DO mg/L	ORP mV	DTW ft BTOC	Flow Rate ml/min
Date: 9-22-99									
Time: 1450	CLOUDY	5.45	242	24.87	320	11.16	-81.5	8.65	100

SAMPLE COLLECTION INFORMATION

Analysis	Preservative	Container Requirements	Collected
VOCs	HCl	3 - 40 ml vials	111
SVOCs	none	2 - 1 liter amber glass	
Metals	HNO3	1 - 1 liter plastic ✓	1
Gross Alpha/Gross Beta	HNO3	1 - 1 gal plastic ✓	1
TDS/TSS/Hardness/Alkalinity	none	1 -1 liter plastic	

ADDITIONAL INFORMATION

OVA Reading (ppm): 0.0
TUBE EVACUATION METHOD ON VOCs.

Method:
[X] Peristaltic Pump
[ ] Centrifugal Pump
[ ] Bailer
[ ] Tube Evacuation
[ ] Vacuum Jug Assembly
[ ] Other:

Tubing Type:
[ ] Polyethylene
[ ] Teflon
[X] Teflon-lined Polyethylene

Circle if Applicable:
MS/MSD
Duplicate ID No.:

Signature(s): S. A. Sisco

GROUNDWATER PURGING AND SAMPLING LOG

Project Site Name: NTC Orlando OU 2
Project No.: 7457

[ ] Domestic Well Data
[X] Monitoring Well Data
[ ] Other Well Type:
[ ] QA Sample Type:

Sample ID No.: OU2MW 12B07
Sample Location:
Sampled By:
C.O.C. No.:
Type of Sample:
[X] Low Concentration
[ ] High Concentration

34.8
-2.5
32.3

VOCs
Metals

PURGING DATA

	Time	pH	S.C.	Temp (°C)	Turbidity	DO	ORP	DTW	Flow Rate
	Hr:Min	pH units	mS/cm	°C	NTU	mg/L	mV	ft BTOC	ml/min
Date: 7-19-99	0835							7.65	150
Method: PERISTALTIC *	0840	5.60	128.	26.14	5.3	5.80	29.8	4.79	50
Monitor Reading (ppm): 0.0	0845	5.56	123.	26.33	6.3	6.88	17.0	7.78	55
Well Casing Diameter: 2"	0850	5.52	118.	26.34	6.5	7.54	3.2	7.79	75
Well Casing Material: PVC	0855	5.52	118.	26.35	5.6	7.93	0.8	7.78	75
Total Well Depth (TD): 34.80	0900	5.49	117.	26.31	5.6	9.50	-5.3	7.78	80
Static Water Level (WL): 2.70	0905	5.47	117.	26.35	5.4	11.19	-10.8	7.79	80
One Casing Volume (gal/L): 4.3	0910	5.46	116.	26.33	5.9	14.62	-16.9	7.79	80
Start Purge (hrs): 0835	0915	5.45	115.	26.28	5.7	15.57	-21.2	7.78	75
End Purge (hrs):	0920	5.44	114.	26.39	6.1	17.23	-22.1	7.79	80
Total Purge Time (min):	0925	5.44	115.	26.34	6.3	20.74	-26.3	7.78	75
Total Vol. Purged (gal/L):	0930	5.42	113.	26.38	6.2	23.67	-27.5	7.79	80
	0935	5.42	114.	26.53	6.3	25.59	-29.2	7.79	80

SAMPLING DATA

Date: 7-19-99	Color	pH	S.C.	Temp.	Turbidity	DO	ORP	DTW	Flow Rate
Time 0935	Descrip.	pH units	mS/cm	°C	NTU	mg/L	mV	ft BTOC	ml/min
Method: PERISTALTIC *	CLEAR	5.42	114.	26.53	6.3	25.59	-29.2	7.79	80

SAMPLE COLLECTION INFORMATION

Analysis	Preservative	Container Requirements	Collected
VOCs	HCl	2 - 40 ml vials	XXX
SVOCs	none	2 - 1 liter amber glass	
Metals	HNO3	1 - 1 liter plastic	X
Gross Alpha/Gross Beta	HNO3	1 - 1 gal plastic	
TDS/TSS/Hardness/Alkalinity	none	1 -1 liter plastic	

OBSERVATIONS / NOTES

* TUBE EVACUATION for VOCs w/ TEFLON TUBING.

Circle if Applicable:
MS/MSD | Duplicate ID No.

A-234

Signature(s)

GROUNDWATER PURGING AND SAMPLING LOG

Project Site Name: NTC Orlando OU 2
Project No.: 7457

[ ] Domestic Well Data
[X] Monitoring Well Data
[ ] Other Well Type:
[ ] QA Sample Type:

Sample ID No.: OU2MW12B02
Sample Location:
Sampled By: G.S., K.M., S.B.
C.O.C. No.:
Type of Sample:
[X] Low Concentration
[ ] High Concentration

PURGING DATA

	Time	pH	S.C.	Temp (°C)	Turbidity	DO	ORP	DTW	Flow Rate
	Hr:Min	pH units	mS/cm	°C	NTU	mg/L	mV	ft BTOC	ml/min
Date: 7/29/99	1255	5.70	147.0	27.04	4.16	11.54	49.4	7.82	100
Method: P. [illegible] pump	1300	5.57	151	27.19	3.00	37.12	52.7		
Monitor Reading (ppm): 0	1305	5.51	154	27.89	2.69	32.54	50.7		
Well Casing Diameter: 2"	1310	5.45	145	27.19	2.58	40.62	46.3		
Well Casing Material: PVC	1315	5.43	144	27.47	2.55	43.96	42.4		
Total Well Depth (TD): 34.8	1320	5.42	152	27.64	2.49	43.72	35.4		
Static Water Level (WL): 7.71	1325	5.42	153	27.89	2.54	43.43	31.6		
One Casing Volume(gal/L):	1330	5.39	152	27.95	2.69	43.55	31.8		
Start Purge (hrs): 1255	1335	5.40	152	27.72	2.73	43.10	28.1		
End Purge (hrs): 1345	1340	5.31	152	27.91	2.23	43.46	26.5		
Total Purge Time (min): 50	1345	5.37	152	27.93	2.38	43.40	23.7	V	V
Total Vol. Purged (gal/L): 1.25 gal									

SAMPLING DATA

	Color	pH	S.C.	Temp.	Turbidity	DO	ORP	DTW	Flow Rate
Date 7/29/99	Descrip	pH units	mS/cm	°C	NTU	mg/L	mV	ft BTOC	ml/min
Time 1315									
Method Peristaltic pump		5.31	152	27.93	2.38	43.40	23.7	7.82	100

SAMPLE COLLECTION INFORMATION

Analysis	Preservative	Container Requirements	Collected
VOCs	HCl	2 - 40 ml vials	✓
SVOCs	none	2 - 1 liter amber glass	
Metals	HNO3	1 - 1 liter plastic	✓
Gross Alpha/Gross Beta	HNO3	1 - 1 gal plastic	
TDS/TSS/Hardness/Alkalinity	none	1 -1 liter plastic	

OBSERVATIONS / NOTES

Circle if Applicable:
MS/MSD | Duplicate ID No.

A-235

Signature(s): Scott Buckingham

GROUNDWATER SAMPLE LOG SHEET

Project Site Name: Orlando NTC
Project No.: 7457

[ ] Domestic Well Data
[X] Monitoring Well Data
[ ] Other Well Type:
[ ] QA Sample Type:

Sample ID No.: OU2MW13A02 ~~OU2 13A02~~ (29)
Sample Location: Well 13A
Sampled By: Kevin Margitt
C.O.C. No.:
Type of Sample:
[X] Low Concentration
[ ] High Concentration

SAMPLING DATA

Date: 6-26-99 / Time: 1535	Color	pH	S.C. mS/cm	Temp. °C	Turbidity NTU	DO (mg/L) Meter	DO (mg/L) Titration	ORP	DTW	
Method: Peristaltic Pump	clear	4.18	220.0	26.43	3.10	0.66	—	114.3	7.04'	

PURGE DATA

Date: 6-26-99	Time	pH	S.C.	Temp (°C)	Turbidity	DO	Salinity	ORP	DTW = 7.01	
Method: Peristaltic pump	1421	4.22	229.0	26.98	3.78	0.85	—	130.8	7.04	
Monitor Reading (ppm): 0	1426	4.27	227.0	27.28	3.61	0.81	—	129.3	7.04	
Well Casing Diameter: 2"	1432	4.25	229.0	27.37	4.22	0.82	—	125.0	7.04	
Well Casing Material: PVC	1438	4.22	228.0	27.27	3.60	0.76	—	123.5	7.04	
Total Well Depth (TD): 13.9	1459	4.14	220.0	26.31	2.57	0.69	—	123.3	7.04	
Static Water Level (WL): 7.01	1505	4.16	223.0	26.38	2.98	0.69	—	121.5	7.04	
One Casing Volume(gal/L): NA	1512	4.12	223.0	25.92	3.58	0.65	—	121.1	7.04	
Start Purge (hrs): 1408	1529	4.22	221.0	26.76	3.16	0.68	—	114.5	7.04	
End Purge (hrs): 1535										
Total Purge Time (min): 87										
Total Vol. Purged (gal/L): ~3 gal										

SAMPLE COLLECTION INFORMATION

Analysis	Preservative	Container Requirements	Collected
Inorganics	HNO3	1-liter plastic	yes
Gross beta }	~~Acid~~ (6)	1-gallon plastic x3	
Gross alpha	HNO3	for MS/MSD	
~~Cyanide~~ (27) 6/24/99			
TSS }			
TDS	none	1-liter plastic	yes
Alkalinity			
Hardness			

OBSERVATIONS / NOTES

water is clear from the start, static DTW = 7.01' @ 13:54
Monitor reading taken from purge water bucket
ORP = oxidation reduction potential, millivolts

Circle If Applicable:
MS/MSD
Yes

Duplicate ID No.:

Signature(s): Allan J. Jenkins
Kevin Margitt

GROUNDWATER SAMPLE LOG SHEET

Project Site Name: Orlando NTC
Project No.: 7457

[ ] Domestic Well Data
[X] Monitoring Well Data
[ ] Other Well Type:
[ ] QA Sample Type:

Sample ID No.: 00213MW13B02 ~~00213B02~~ (99)
Sample Location: well 13B
Sampled By: D. Munson
C.O.C. No.:
Type of Sample:
[X] Low Concentration
[ ] High Concentration

SAMPLING DATA

Date: 6-26-99 / Time: 1711	Color	pH	S.C. mS/cm	Temp. °C	Turbidity NTU	DO (mg/L) Meter	DO (mg/L) Titration	ORP	DTW	Flow ml/min
Method: Peristaltic Pump	clear	4.93	114.0	25.18	1.72	5.05	—	-18.5	7.06'	110

PURGE DATA

Date: 6-26-99	Time	pH	S.C.	Temp (°C)	Turbidity	DO	Salinity	ORP	DTW = 7.01'	
Method: Perist. Pump	1446	5.29	80.0	25.66	4.29	-14.6	—	6.6	7.10	
Monitor Reading (ppm): 0	1455	5.15	79.0	25.23	3.02	-12.85	—	8.5	7.11	
Well Casing Diameter: 2"	1502	5.10	84.0	25.08	2.22	-11.68	—	7.9	7.11	
Well Casing Material: PVC	1510	5.07	92.0	24.91	4.37	-10.91	—	8.1	7.11	
Total Well Depth (TD): 30.6'	1516	5.05	97.0	24.81	4.82	-10.45	—	8.2	7.11	
Static Water Level (WL): 7.01'	1531	5.03	105.0	24.40	2.56	-9.40	—	5.1	7.11	
One Casing Volume(gal/L): NA	1538	5.01	107.0	25.32	2.23	-9.01	—	5.2	7.11	
Start Purge (hrs): 1442	1546	5.01	109.0	25.37	1.00	-8.57	—	2.8	7.11	
End Purge (hrs):	1552	4.96	112.0	25.54	0.84	-8.25	—	3.1	7.11	
Total Purge Time (min):	1558	4.99	111.0	25.56	1.35	-7.97	—	-1.4	7.11	
Total Vol. Purged (gal/L):	1604	4.99	111.0	25.38	1.20	-7.68	—	-3.0	7.11	

SAMPLE COLLECTION INFORMATION

Analysis	Preservative	Container Requirements	Collected
~~Inorganics~~	HNO3	1-liter plastic	yes
Gross alpha 3	~~none~~ (99)	1-gallon plastic	yes
Gross beta	HNO3		
~~Cyanide~~ (99) 6/26/99			

OBSERVATIONS / NOTES

Monitor reading from purge water bucket; ORP = ox-reduction potential, millivolts
water is clear from start, strong sulfur odor

Circle if Applicable:
MS/MSD | Duplicate ID No.:

Signature(s): Allan T Jenkins
D Munson

GROUNDWATER SAMPLE LOG SHEET

Project Site Name: Orlando NTC
Project No.: 7457

[ ] Domestic Well Data
[X] Monitoring Well Data
[ ] Other Well Type:
[ ] QA Sample Type:

Sample ID No.: OU3MW13B02 ~~OU2-13B02~~ (03)
Sample Location: Well ~~12B~~ (03) 13B
Sampled By: P. Munsee
C.O.C. No.:
Type of Sample:
[X] Low Concentration
[ ] High Concentration

SAMPLING DATA

Date: 6-26-99 / Time: 1711	Color	pH	S.C. mS/cm	Temp. °C	Turbidity NTU	DO (mg/L) Meter	DO (mg/L) Titration			
Method: Peristaltic Pump	clear	4.93	see	page	1 of 2					

PURGE DATA

Date: 6-26-99	Time	pH	S.C.	Temp (°C)	Turbidity	DO	Salinity	ORP	DTW	Flow*
Method: Peristaltic Pump	1611	4.97	113.0	25.12	0.73	-7.35	—	-3.3	7.11	
Monitor Reading (ppm):	1616	4.95	115.0	25.04	0.53	-7.18	—	-3.8	7.11	
Well Casing Diameter:	1621	4.96	111.0	24.93	0.69	-6.99	—	-6.1	7.11	
Well Casing Material:	1627	4.92	110.0	24.96	0.79	-6.73	—	-6.3	7.11	
Total Well Depth (TD):	1632	4.96	112.0	24.80	0.52	-6.54	—	-9.7	7.11	
Static Water Level (WL):	1638	4.93	114.0	24.85	0.64	-6.32	—	-10.4	7.11	
One Casing Volume(gal/L):	1644	4.96	112.0	24.88	0.84	-6.08	—	-12.7	7.11	
Start Purge (hrs): 1442	1649	4.95	113.0	24.72	0.44	-5.91	—	-13.2	7.11	150
End Purge (hrs): 1711	1656	4.93	115.0	24.73	0.66	-5.65	—	-13.78	7.10	125
Total Purge Time (min): 149	1702	4.94	114.0	24.94	0.66	-5.31	—	-16.0	7.08	110
Total Vol. Purged (gal/L): 6	1711	4.93	114.0	25.18	1.72	-5.05	—	-18.5	7.06	110

SAMPLE COLLECTION INFORMATION

Analysis	Preservative	Container Requirements	Collected

OBSERVATIONS / NOTES

* Flow rate in ml/min

Circle if Applicable:
MS/MSD | Duplicate ID No.:

Signature(s): Albert T. Gutierrez
R D Munson

GROUNDWATER PURGING AND SAMPLING LOG

Project Site Name: NTC Orlando OU 2
Project No.: 7457

[ ] Domestic Well Data
[X] Monitoring Well Data
[ ] Other Well Type:
[ ] QA Sample Type:

Sample ID No.: OU2MW14A
Sample Location:
Sampled By:
C.O.C. No.:
Type of Sample:
[X] Low Concentration
[ ] High Concentration

PURGING DATA

	Time	pH	S.C.	Temp (°C)	Turbidity	DO	ORP	DTW	Flow Rate
	Hr:Min	pH units	mS/cm	°C	NTU	mg/L	mV	ft BTOC	ml/min
Date: 7-15-99	1405							7.86	170
Method: PER STAGE	1410							7.86	160
Monitor Reading (ppm): 0.0	1415	4.73	79.	26.79	94.3	1.29	200.6	7.86	150
Well Casing Diameter: 2"	1420	4.69	98.	26.56	283	0.66	198.9	7.86	150
Well Casing Material: PVC	1425	4.67	108	26.85	273	0.60	188.8	7.88	145
Total Well Depth (TD): 13.75	1430	4.66	112.	27.19	133	0.55	178.3	7.87	145
Static Water Level (WL): 7.79	1445	4.66	113.	27.52	54.9	0.53	176.0	7.85	150
One Casing Volume(gal/L): 0.95	1455	4.66	113.	27.44	27.7	0.51	176.5	7.85	145
Start Purge (hrs): 1405	1505	4.67	113.	27.39	12.6	0.48	178.4	7.86	140
End Purge (hrs): 1515	1510	4.66	114.	27.32	8.00	0.46	180.1	7.87	145
Total Purge Time (min): 70	1515	4.66	112.	27.43	6.92	0.45	181.0	7.86	140
Total Vol. Purged (gal/L): 2.7									

SAMPLING DATA

Date: 7-15-99	Color	pH	S.C.	Temp.	Turbidity	DO	ORP	DTW	Flow Rate
Time: 1515	Descrip	pH units	mS/cm	°C	NTU	mg/L	mV	ft BTOC	ml/min
Method: PER STAGE	CLEAR	4.66	113	27.43	6.92	0.45	181.0	7.86	140

SAMPLE COLLECTION INFORMATION

Analysis	Preservative	Container Requirements	Collected
VOCs	HCl	2 - 40 ml vials	
SVOCs	none	2 - 1 liter amber glass	
Metals	HNO3	1 - 1 liter plastic	
Gross Alpha/Gross Beta	HNO3	1 - 1 gal plastic	X
TDS/TSS/Hardness/Alkalinity	none	1 -1 liter plastic	

OBSERVATIONS / NOTES

Circle if Applicable:
MS/MSD
Duplicate ID No

A-239

Signature(s):

GROUNDWATER SAMPLE LOG SHEET

Project Site Name: Orlando NTC
Project No.: 7457

[ ] Domestic Well Data
[✓] Monitoring Well Data
[ ] Other Well Type:
[ ] QA Sample Type:

Sample ID No.: OU2MW14A02
Sample Location: MW-14A
Sampled By: GB
C.O.C. No.: 553-0
Type of Sample:
[ ] Low Concentration
[ ] High Concentration

SAMPLING DATA

Date: 2/15/02	Color	pH	S.C. mS/cm	Temp. °C	Turbidity NTU	DO (mg/L)		CO_2	H_2S	Fe +2
Time: 12:15						Meter	Titration			
Method: Peristaltic/Low Flow	clear	6.58	14.0	21.1	12	4.5				

PURGE DATA

Date: 2/15/02	Volume	pH	S.C.	Temp (°C)	Turbidity	DO	Salinity	ORP		
Method: Peristaltic pump	Initial	6.95	13.0	21.2	360	2.8		214		
Monitor Reading (ppm): N/A	1	6.76	14.0	21.4	94	3.6		178		
Well Casing Diameter: 2"	2	6.59	13.0	21.3	57	3.2		155		
Well Casing Material: PVC	3	6.58	14.0	21.1	40	4.2		153		
Total Well Depth (TD): 14.00		6.55	14.0	21.0	31	4.8		147		
Static Water Level (WL): 8.65		6.55	14.0	21.1	24	4.6		140		
One Casing Volume(gal/L): 0.85		6.58	14.0	21.2	12	4.5		138		
Start Purge (hrs): 10:30		6.58	14.0	21.1	12	4.5		145		
End Purge (hrs): 12:15										
Total Purge Time (min): 1.45										
Total Vol. Purged (gal/L): <2.0										

SAMPLE COLLECTION INFORMATION

Analysis	Preservative	Container Requirements	Collected
Metals	HNO3	1L plastic	

OBSERVATIONS / NOTES

Circle if Applicable:

MS/MSD	Duplicate ID No.:

Signature(s):

GROUNDWATER PURGING AND SAMPLING LOG

Project Site Name: NTC Orlando OU 2
Project No.: 7457

[ ] Domestic Well Data
[X] Monitoring Well Data
[ ] Other Well Type:
[ ] QA Sample Type:

Sample ID No.: OU2MW 14B
Sample Location:
Sampled By: S. Scott BOTU
C.O.C. No.:
Type of Sample:
[X] Low Concentration
[ ] High Concentration

PURGING DATA

	Time	pH	S.C.	Temp (°C)	Turbidity	DO	ORP	DTW	Flow Rate
	Hr:Min	pH units	mS/cm	°C	NTU	mg/L	mV	ft BTOC	ml/min
Date: 2-15-99	1410							7.75	150
Method: PERISTALTIC	1415	5.26	151.	25.72	7.09	0.69	-58.1	7.79	150
Monitor Reading (ppm): 0 0	1420	5.25	152.	25.96	30.1	0.55	-67.0	7.78	150
Well Casing Diameter: 2"	1430	5.25	150.	26.69	59.5	0.68	-70.5	7.76	145
Well Casing Material: PVC	1440	5.26	143.	27.08	52.6	0.99	-75.2	7.77	145
Total Well Depth (TD): 33.8	1450	5.26	138.	27.00	37.2	1.59	-78.2	7.75	145
7.16 Static Water Level (WL): ~~7.33~~	1500	5.25	135.	27.06	31.6	2.40	-79.6	7.76	145
One Casing Volume(gal/L): 4.2	1510	5.25	131.	26.95	23.3	3.39	-80.9	7.77	140
Start Purge (hrs): 1410	1515	5.25	141.	26.77	16.1	3.93	-82.3	7.76	145
End Purge (hrs): 1540	1520	5.25	125.	26.56	18.8	4.09	-84.3	7.77	145
Total Purge Time (min): 90	1525	5.25	124.	26.36	15.6	4.01	-84.8	7.77	145
Total Vol. Purged (gal/L): 3.45	1530	5.24	126.	26.11	12.4	4.06	-83.8	7.76	145
	1535	5.24	127.	26.07	11.0	4.31	-84.3	7.78	145
	1540	5.24	127.	26.00	9.94	4.35	-84.3	7.78	145

SAMPLING DATA

	Color	pH	S.C.	Temp.	Turbidity	DO	ORP	DTW	Flow Rate
Date: 2-15-99	Descrip.	pH units	mS/cm	°C	NTU	mg/L	mV	ft BTOC	ml/min
Time: 1546									
Method: PERISTALTIC	CLEAR	5.24	127.	26.00	9.94	4.35	-84.3	7.78	145

SAMPLE COLLECTION INFORMATION

Analysis	Preservative	Container Requirements	Collected
VOCs	HCl	2 - 40 ml vials	
SVOCs	none	2 - 1 liter amber glass	
Metals	HNO3	1 - 1 liter plastic	X
Gross Alpha/Gross Beta	HNO3	1 - 1 gal plastic	X
TDS/TSS/Hardness/Alkalinity	none	1 -1 liter plastic	

OBSERVATIONS / NOTES

Circle if Applicable:
MS/MSD
Duplicate ID No.:

A-241

Signature(s): S. T. Scott

GROUNDWATER PURGING AND SAMPLING LOG

Project Site Name: NTC Orlando OU 2
Project No.: 7457

[ ] Domestic Well Data
[X] Monitoring Well Data
[ ] Other Well Type: YSI # 122
[ ] QA Sample Type: 610 - DUP

Sample ID No.: OU2MW15A02
Sample Location:
Sampled By: SISCO, BOSO, AGENTS
C.O.C. No.:
Type of Sample:
[X] Low Concentration
[ ] High Concentration

PURGING DATA

	Time	pH	S.C.	Temp (°C)	Turbidity	DO	ORP	DTW	Flow Rate
	Hr:Min	pH units	mS/cm	°C	NTU	mg/L	mV	ft BTOC	ml/min
Date: 7-27-99	0905							6.36	85
Method: PERISTALTIC	0910	4.43	353	26.83	5.2	10.83	266.9	6.35	85
Monitor Reading (ppm): 0.0	0915	4.36	331.	26.93	4.8	9.49	271.6	6.36	80
Well Casing Diameter: 2"	0920	4.37	318.	26.82	3.6	9.22	270.2	6.36	80
Well Casing Material: PVC	0925	4.37	315.	26.80	3.4	9.44	270.5	6.36	85
Total Well Depth (TD): 15.0	0930	4.39	315.	26.87	2.3	9.23	271.0	6.36	80
Static Water Level (WL): 6.34	0935	4.38	312.	26.86	1.7	9.76	270.9	6.36	85
One Casing Volume (gal/L): 1.4	0940	4.38	312.	26.88	1.6	9.89	270.6	6.36	85
Start Purge (hrs): 0905	0945	4.38	312.	26.90	1.4	10.18	270.3	6.36	85
End Purge (hrs): 0945									
Total Purge Time (min): 40									
Total Vol. Purged (gal/L): 0.4									

SAMPLING DATA

	Color	pH	S.C.	Temp.	Turbidity	DO	ORP	DTW	Flow Rate
Date: 7-27-99	Descrip	pH units	mS/cm	°C	NTU	mg/L	mV	ft BTOC	ml/min
Time: 0945									
Method: PERISTALTIC	CLEAR	4.38	312.	26.90	1.4	10.18	270.3	6.36	85

SAMPLE COLLECTION INFORMATION

Analysis	Preservative	Container Requirements	Collected
VOCs	HCl	2 - 40 ml vials	
SVOCs	none	2 - 1 liter amber glass	
Metals	HNO3	1 - 1 liter plastic	X
Gross Alpha/Gross Beta	HNO3	1 - 1 gal plastic	X
TDS/TSS/Hardness/Alkalinity	none	1 -1 liter plastic	

OBSERVATIONS / NOTES

SAMPLED.

Circle if Applicable:
MS/MSD | Duplicate ID No.:

A-242

Signature(s): G. F. Sisco

GROUNDWATER PURGING AND SAMPLING LOG

Project Site Name: NTC Orlando OU 2
Project No.: 7457
Sample ID No.: OU2MW 15B02
Sample Location:
Sampled By: G. Sisco, B Burbo, K. Kraig
C.O.C. No.:
Type of Sample:
[X] Low Concentration
[ ] High Concentration

[ ] Domestic Well Data
[X] Monitoring Well Data
[ ] Other Well Type:
[ ] QA Sample Type:

(610-DAT)
YSI #105

PURGING DATA

	Time	pH	S.C.	Temp (°C)	Turbidity	DO	ORP	DTW	Flow Rate
	Hr:Min	pH units	mS/cm	°C	NTU	mg/L	mV	ft BTOC	ml/min
Date: 7-27-99	0905	~						6.31	150
Method: PERISTALTIC	0915	5.15	133.	25.36	0.70	2.14	-12.2	6.32	120
Monitor Reading (ppm): 0.0	0920	5.16	131.	25.55	0.40	2.89	-27.3	6.29	120
Well Casing Diameter: 2"	0925	5.17	129.	25.53	0.50	2.94	-35.2	6.29	120
Well Casing Material: PVC	0930	5.16	128.	25.47	0.70	2.63	-41.9	6.29	120
Total Well Depth (TD): 40.0	0935	5.17	128.	25.41	0.70	2.43	-45.9	6.29	120
Static Water Level (WL): 6.25	0940	5.17	127.	25.49	0.80	2.40	-46.3	6.31	120
One Casing Volume (gal/L): 5.4	0945	5.17	127.	25.55	1.0	2.39	-51.1	6.29	120
Start Purge (hrs): 0905	0950	5.17	127.	25.56	1.0	2.37	-53.1	6.29	120
End Purge (hrs): 0950									
Total Purge Time (min): 45									
Total Vol. Purged (gal/L): 1.5									

SAMPLING DATA

Date: 7-27-99	Color	pH	S.C.	Temp.	Turbidity	DO	ORP	DTW	Flow Rate
Time 0950	Descrip	pH units	mS/cm	°C	NTU	mg/L	mV	ft BTOC	ml/min
Method: PERISTALTIC	CLEAR	5.17	127	25.56	1.0	2.39	-53.1	6.29	120

SAMPLE COLLECTION INFORMATION

Analysis	Preservative	Container Requirements	Collected
VOCs	HCl	2 - 40 ml vials	
SVOCs	none	2 - 1 liter amber glass	XX
Metals	HNO3	1 - 1 liter plastic	X
Gross Alpha/Gross Beta	HNO3	1 - 1 gal plastic	X
TDS/TSS/Hardness/Alkalinity	none	1 -1 liter plastic	
PAHs	none	2 - 1 Liter amber glass.	XX

OBSERVATIONS / NOTES

SAMPLED. TEFLON TUBING.
SVOCs/PAHs sampled through rubber stopper vacuum jug with teflon tape on it.

Circle if Applicable:
MS/MSD
Duplicate ID No.:

Signature(s): G. Sisco

GROUNDWATER SAMPLE LOG SHEET

Project Site Name: Orlando NTC
Project No.: 7457

[ ] Domestic Well Data
[X] Monitoring Well Data
[ ] Other Well Type:
[ ] QA Sample Type:

Sample ID No.: OU2 16A02
Sample Location: 16A
Sampled By:
C.O.C. No.:
Type of Sample:
[X] Low Concentration
[ ] High Concentration

SAMPLING DATA

Date: / Time:	Color	pH	S.C. mS/cm	Temp. °C	Turbidity NTU	DO (mg/L) Meter	DO (mg/L) Titration			
Method:	See page 2 of 2									

PURGE DATA

Date: 6-28-99	Time	pH	S.C.	Temp (°C)	Turbidity	DO	Salinity	ORP	DTW	Flow
Method: Peristaltic Pump	1023	5.97	390.0	25.29	70.4	-19.07	—	172.6	3.89	125
Monitor Reading (ppm): 0	1027	5.94	389.0	25.05	71.1	-7.56	--	174.3	3.89	150
Well Casing Diameter: 2"	1033	5.90	389.0	24.91	71.3	-8.32	-	173.8	3.89	175
Well Casing Material: PVC	1040	5.87	388.0	24.89	68.8	-8.79	-	165.1	3.89	150
Total Well Depth (TD): 14	1046	5.86	386.0	24.85	66.5	-9.06	-	160.8	3.90	190
Static Water Level (WL): 3.85	1051	5.84	384.0	25.03	63.3	-9.34	—	166.0	3.88	125
One Casing Volume (gal/L): 1.7	1108	5.80	381.0	24.98	56.4	-9.76	—	160.8	3.90	160
Start Purge (hrs): 1015	1121	5.77	378.0	24.99	52.5	-10.12	-	146.9	3.90	150
End Purge (hrs): 1510	1132	5.76	377.0	25.16	51.7	-9.82	--	138.4	3.90	125
Total Purge Time (min):	1145	5.74	377.0	25.01	47.0	-10.28	—	128.2	3.90	145
Total Vol. Purged (gal/L):	1245	5.70	378.0	25.36	44.1	-9.94	-10.59	115.4	3.90	145

SAMPLE COLLECTION INFORMATION

Analysis	Preservative	Container Requirements	Collected
See page 2 of 2			

OBSERVATIONS / NOTES

Static DTW = 3.85' BTOC
Water color is strong yel-brown at start
Flow = ml/min.

Circle If Applicable:
MS/MSD
Duplicate ID No.:

Signature(s): Albert Ferreira

GROUNDWATER SAMPLE LOG SHEET

Project Site Name: Orlando NTC
Project No.: 7457

[ ] Domestic Well Data
[x] Monitoring Well Data
[ ] Other Well Type:
[ ] QA Sample Type:

Sample ID No.: ~~OU2-16-A02~~ (61)
Sample Location: 16 ~~B~~ A (09)
Sampled By: Doug Munson
C.O.C. No.:
Type of Sample:
[x] Low Concentration
[ ] High Concentration

SAMPLING DATA

Date: 6-28-99	Color	pH	S.C. mS/cm	Temp. °C	Turbidity NTU	DO (mg/L) Meter	DO (mg/L) Titration	ORP	DTW	Flow
Time: 1552	lgt. yel									
Method: Peristaltic Pump	brown	5.48	375.0	25.61	29.9	-10.19	—	121.0	3.90	145

PURGE DATA

Date: 6-28-99	Time	pH	S.C.	Temp (°C)	Turbidity	DO	Salinity	ORP	DTW	Flow
Method:	1252	5.65	378.0	25.69	39.5	-10.79	—	107.5	3.90	145
Monitor Reading (ppm):	1333	5.59	378.0	25.51	36.6	-10.46	—	104.4	3.90	150
Well Casing Diameter:	1403	5.54	375.0	25.61	35.0	-10.39	—	106.5	3.89	145
Well Casing Material:	1445	meter	battery	low	33.1	—	—	—	3.90	140
Total Well Depth (TD):	1504	5.50	376.0	25.76	—	-12.0	—	117.4	—	—
Static Water Level (WL):										
One Casing Volume(gal/L):										
Start Purge (hrs):										
End Purge (hrs):										
Total Purge Time (min):										
Total Vol. Purged (gal/L):										

SAMPLE COLLECTION INFORMATION

Analysis	Preservative	Container Requirements	Collected
Inorganics	HNO3	1-liter plastic	yes
Gross alpha + beta	HNO3	1-gallon plastic	yes

OBSERVATIONS / NOTES

Sample recollected on 6-30-99 following well development (see form); this sample destroyed. AJenkins 7-1-99

Circle If Applicable:

MS/MSD | Duplicate ID No.:

Signature(s): Albert Jenkins
R D Munson

GRCUNDWATER SAMPLE LOG SHEET

Project Site Name: Orlando NTC
Project No.: 7457

[ ] Domestic Well Data
[X] Monitoring Well Data
[ ] Other Well Type:
[ ] QA Sample Type:

Sample ID No.: (None)
Sample Location: 16A
Sampled By:
C.O.C. No.:
Type of Sample:
[X] Low Concentration
[ ] High Concentration

High Flow Purge = pump maximum

SAMPLING DATA

Date: / Time:	Color	pH	S.C. mS/cm	Temp. °C	Turbidity NTU	DO (mg/L) Meter	DO (mg/L) Titration			
Method:										

PURGE DATA

Date: 6-28-99	Time	pH	S.C.	Temp (°C)	Turbidity	DO	Salinity	ORP	DTW	Flow
Method:	1620	5.41	373.0	25.29	~~30.8~~ ~~10.3~~ @	-10.39	—	138.7	3.90	140
Monitor Reading (ppm):	1625	increase flow to pump maximum						(89)	~~4.12~~	~~1000~~
Well Casing Diameter: 2"	1632	5.31	368.0	24.20	25.3	-11.77	—	124.7	4.12	1000
Well Casing Material: PVC	1638	5.25	365.0	24.18	21.0	-12.60	—	120.0	4.14	1000
Total Well Depth (TD): 14.0	1645	5.23	362.0	24.19	19.4	-13.23	—	114.4	4.16	1000
Static Water Level (WL): 3.85	1652	5.15	360.0	24.16	16.7	-13.78	—	111.5	4.16	—
One Casing Volume (gal/L): 1.7	1700	5.08	358.0	24.12	13.8	-13.81	—	110.3	4.17	1000
Start Purge (hrs): 1615/1625	1709	5.07	357.0	24.09	14.6	-13.75	—	105.5	4.18	—
End Purge (hrs):	1717	5.03	355.0	24.05	12.0	-13.72	—	103.9	4.18	1000
Total Purge Time (min):	1726	4.95	355.0	24.06	10.6	-13.68	—	100.0	4.19	—
Total Vol. Purged (gal/L):	1727	decrease flow rate								

SAMPLE COLLECTION INFORMATION

Analysis	Preservative	Container Requirements	Collected
No Sample			

OBSERVATIONS / NOTES

Note: continuation of low-flow purge
1 casing volume = 1.7 gals = 6.4 liters = 6.4 mins pumping at 1 l/min.

Circle If Applicable:

MS/MSD | Duplicate ID No.:

Signature(s):

GROUNDWATER SAMPLE LOG SHEET

Project Site Name: Orlando NTC
Project No.: 7457

[ ] Domestic Well Data
[ ] Monitoring Well Data
[ ] Other Well Type:
[ ] QA Sample Type:

Sample ID No.: (None)
Sample Location: 160A
Sampled By:
C.O.C. No.:
Type of Sample:
[ ] Low Concentration
[ ] High Concentration

High Flow Purge

SAMPLING DATA

Date: / Time: / Method:	Color	pH	S.C. mS/cm	Temp. °C	Turbidity NTU	DO (mg/L) Meter	DO (mg/L) Titration			

PURGE DATA

Date: 6-28-99	Time	pH	S.C.	Temp (°C)	Turbidity	DO	Salinity	ORP	DTW	Flow
Method: Peristaltic Pump	1733	4.97	354.0	24.76	6.60	13.63	—	99.8	3.98	145
Monitor Reading (ppm):	1739	4.94	357.0	24.91	8.58	13.38	—	101.1	3.97	145
Well Casing Diameter: 2"	1747	5.08	359.0	24.82	16.1	12.26	--	103.4	3.95	145
Well Casing Material: PVC	End purging									
Total Well Depth (TD): 14										
Static Water Level (WL):										
One Casing Volume(gal/L):										
Start Purge (hrs):										
End Purge (hrs): 1752										
Total Purge Time (min):										
Total Vol. Purged (gal/L):										

SAMPLE COLLECTION INFORMATION

Analysis	Preservative	Container Requirements	Collected
No Sample			

OBSERVATIONS / NOTES

Circle If Applicable:

MS/MSD | Duplicate ID No.:

Signature(s): Allen Jenkins

GROUNDWATER SAMPLE LOG SHEET

Project Site Name: Orlando NTC
Project No.: 7457

[ ] Domestic Well Data
[X] Monitoring Well Data
[ ] Other Well Type:
[X] QA Sample Type: Field Duplicate

Sample ID No.: OU2MW16A02
Sample Location: 16A
Sampled By:
C.O.C. No.:
Type of Sample:
[X] Low Concentration After Well Development
[ ] High Concentration

SAMPLING DATA

Date: 6-30-99 / Time: 1615	Color	pH	S.C. mS/cm	Temp. °C	Turbidity NTU	DO (mg/L) Meter	DO (mg/L) Titration	ORP	DTW	Flow
Method: Peristaltic Pump	clear	4.40	0.349	25.94	2.28	0.47	—	84.4	4.22	125

PURGE DATA

Date: 6-30-99	Time	pH	S.C.	Temp (°C)	Turbidity	DO	Salinity	ORP	DTW	Flow
Method: Peristaltic Pump	1548	4.43	0.341	26.56	2.82	1.86	—	92.3	4.22	125
Monitor Reading (ppm):	1552	4.44	0.341	26.78	3.18	2.06	—	95.7	4.22	—
Well Casing Diameter: 2"	1555	4.44	0.345	26.57	4.17	1.82	—	90.5	4.22	130
Well Casing Material: PVC	1600	4.42	0.346	26.64	2.74	0.71	—	86.0	4.22	—
Total Well Depth (TD): 14.3	1606	4.39	0.348	25.72	2.60	0.47	—	82.8	4.23	150
Static Water Level (WL): 4.16	1611	4.38	0.349	25.72	2.80	0.48	—	83.0	4.23	—
One Casing Volume(gal/L):	1615	4.40	0.349	25.94	2.28	0.47	—	84.4	4.22	125
Start Purge (hrs): 1542										
End Purge (hrs): 1615										
Total Purge Time (min): 33										
Total Vol. Purged (gal/L):										

SAMPLE COLLECTION INFORMATION

Analysis	Preservative	Container Requirements	Collected
Inorganics	HNO3	1-liter plastic	
" dup	"	"	
Gross alpha/beta	HNO3	1-gallon plastic	
" " dup	"	"	

OBSERVATIONS / NOTES

Flow = ml/min. Water clear at start (following development)

Field Dup. sample # OU2MW16D02

Circle If Applicable:

MS/MSD	Duplicate ID No.:
	OU2MW16D02

Signature(s): Allan Perkins

GROUNDWATER SAMPLE LOG SHEET

Project Site Name: Orlando NTC
Project No.: 7457

[ ] Domestic Well Data
[x] Monitoring Well Data
[ ] Other Well Type:
[ ] QA Sample Type:

Sample ID No.: OW2MW16B02 ~~OW16B02~~ (Q7)
Sample Location: 16B
Sampled By:
C.O.C. No.:
Type of Sample:
[x] Low Concentration
[ ] High Concentration

SAMPLING DATA

Date: 6-28-99 / Time:	Color	pH	S.C. mS/cm	Temp. °C	Turbidity NTU	DO (mg/L) Meter	DO (mg/L) Titration			
Method:	see page 2 of 2									

PURGE DATA

Date: 6-23-99	Time	pH	S.C.	Temp (°C)	Turbidity	DO	Salinity	ORP	DTW	Flow
Method: Peristaltic Pump	1025	5.44	155.0	24.72	42.0	1.22	—	8.1	4.29	100
Monitor Reading (ppm):	1029	5.52	149.0	24.74	45.4	1.03	—	-0.9	4.30	90
Well Casing Diameter: 2"	1036	5.56	143.0	24.72	81.3	0.97	—	-9.9	4.31	100
Well Casing Material: PVC	1042	5.58	143.0	24.76	152.0	0.97	—	-14.3	4.32	100
Total Well Depth (TD): 36.3	1048	5.57	143.0	24.66	172	1.01	—	-16.6	4.31	100
Static Water Level (WL): 3.79	1053	5.59	144.0	24.83	182	1.08	—	-19.3	4.27	100
One Casing Volume (gal/L): 5.5	1105	lower purge tubing 2' deeper in well								
Start Purge (hrs): 1015	1107	5.61	144.0	24.81	182	1.12	—	-24.0	4.28	100
End Purge (hrs): 1510	1120	5.66	152.0	24.65	253	1.15	—	-31.8	4.31	—
Total Purge Time (min):	1130	5.66	148.0	24.65	216	1.13	—	-32.9	4.32	—
Total Vol. Purged (gal/L):	1144	5.63	145.0	24.64	180	1.10	—	-32.4	4.31	100

SAMPLE COLLECTION INFORMATION

Analysis	Preservative	Container Requirements	Collected
see page 2 of 2			

OBSERVATIONS / NOTES

Static DTW = 3.79' BTOC
Flow = ml/min.
Water color is slight yellow at first

Circle if Applicable:
MS/MSD
Duplicate ID No.:

Signature(s): Albert Jenkins
R W Munson

GROUNDWATER SAMPLE LOG SHEET

Project Site Name: Orlando NTC
Project No.: 7457

[ ] Domestic Well Data
[X] Monitoring Well Data
[ ] Other Well Type:
[ ] QA Sample Type:

Sample ID No.: 00216B02 (99)
Sample Location: 16B
Sampled By: Doug Munson
C.O.C. No.:
Type of Sample:
[X] Low Concentration
[ ] High Concentration

SAMPLING DATA

Date: 6-28-99 / Time: 1607	Color	pH	S.C. mS/cm	Temp. °C	Turbidity NTU	DO (mg/L) Meter	DO (mg/L) Titration	ORP	DTW	Flow
Method: Peristaltic Pump	lgt. white	5.59	128.0	25.39	50.3	1.27	—	-61.5	4.29	

PURGE DATA

Date: 6-28-99	Time	pH	S.C.	Temp (°C)	Turbidity	DO	Salinity	ORP	DTW	Flow
Method: Peristaltic Pump	1214	5.65	141.0	24.79	122.0	1.13	—	-37.8	4.34	100
Monitor Reading (ppm):	1253	5.61 (99)	140.0	25.25	81.60	1.32	—	-43.3	4.35	100
Well Casing Diameter:	1334	5.63	136.0	25.10	68.7	1.17	—	-49.3	4.32	100
Well Casing Material:	1404	5.62	134.0	25.06	57.8	1.15	—	-53.0	4.31	100
Total Well Depth (TD):	1446	5.61	130.0	25.11	53.7	1.22	—	-58.1	4.33	110
Static Water Level (WL):										
One Casing Volume(gal/L):										
Start Purge (hrs):										
End Purge (hrs):										
Total Purge Time (min):										
Total Vol. Purged (gal/L):										

SAMPLE COLLECTION INFORMATION

Analysis	Preservative	Container Requirements	Collected
Inorganics	HNO3	1-liter plastic	yes
Gross alpha + beta	HNO3	1-gallon plastic	yes

OBSERVATIONS / NOTES

Circle If Applicable:
MS/MSD
Duplicate ID No.:

Signature(s): Allan T. Jenkins
R T Munson

GRCUNDWATER SAMPLE LOG SHEET

Project Site Name: Orlando NTC
Project No.: 7457

[ ] Domestic Well Data
[X] Monitoring Well Data
[ ] Other Well Type:
[ ] QA Sample Type:

Sample ID No.: None
Sample Location: 16B
Sampled By:
C.O.C. No.:
Type of Sample:
[X] Low Concentration
[ ] High Concentration

High Flow Purge = pump maximum

SAMPLING DATA

Date: / Time:	Color	pH	S.C. mS/cm	Temp. °C	Turbidity NTU	DO (mg/L) Meter	DO (mg/L) Titration			
Method:										

PURGE DATA

Date: 6-28-99	Time	pH	S.C.	Temp (°C)	Turbidity	DO	Salinity	ORP	DTW	Flow
Method:	1622	5.58	124.0	25.20	~~38.0~~ 46.9	1.24	—	-68.0	4.26	100
Monitor Reading (ppm):	1625	increase flow to pump maximum								
Well Casing Diameter: 2"	1631	5.37	121.0	23.78	43.6	0.93	—	-59.0	6.47	600
Well Casing Material: PVC	1643	—	—	—	115	—	—	—	—	600
Total Well Depth (TD): 36.3	1649	5.48	113.0	23.75	96.9	0.83	—	-69.6	6.88	—
Static Water Level (WL): 3.71	1705	5.45	113.0	23.69	64.0	0.67	—	-71.6	6.91	650
One Casing Volume (gal/L): 5.5	1720	5.45	111.0	23.65	83.6	0.84	—	-73.5	6.96	—
Start Purge (hrs): 1615/1625	1731	5.44	110.0	23.64	109	0.89	—	-73.8	6.97	—
End Purge (hrs): 1742	1742	5.43	110.0	23.65	181	0.85	—	-75.4		
Total Purge Time (min):	End Purging									
Total Vol. Purged (gal/L):										

SAMPLE COLLECTION INFORMATION

Analysis	Preservative	Container Requirements	Collected
No Sample			

OBSERVATIONS / NOTES

Note: continuation of low-flow purge
Casing vol. = 5.5 gals = 20.8 liters = 32 min. pumping @ 650 ml/min.

Circle if Applicable:
MS/MSD | Duplicate ID No.:

Signature(s): Albert Jenkins

GRCUNDWATER SAMPLE LOG SHEET

Project Site Name: Orlando NTC
Project No.: 7457

[ ] Domestic Well Data
[X] Monitoring Well Data
[ ] Other Well Type:
[ ] QA Sample Type:

Sample ID No.: see p 2
Sample Location: 17A
Sampled By:
C.O.C. No.:
Type of Sample:
[X] Low Concentration
[ ] High Concentration

SAMPLING DATA

Date: / Time:	Color	pH	S.C. mS/cm	Temp. °C	Turbidity NTU	DO (mg/L) Meter	DO (mg/L) Titration			
Method:	see page 2 of 2									

PURGE DATA

Date: 6-29-99	Time	pH	S.C.	Temp (°C)	Turbidity	DO	Salinity	ORP	DTW	Flow
Method:	0900	5.47	362.	25.33	110	12.24	—	198.5	6.04	120
Monitor Reading (ppm):	0912	5.66	413.0	25.48	89.5	16.58	—	178.4	6.07	115
Well Casing Diameter: 2"	0917	5.75	436.0	25.47	69.7	19.05	—	164.6	6.06	110
Well Casing Material: PVC	0922	5.78	443.0	25.50	61.0	20.30	—	152.7	6.06	100
Total Well Depth (TD): 14	0933	5.81	449.0	25.58	56.8	21.68	—	145.7	6.07	110
Static Water Level (WL): 6.04	0943	5.82	453.0	25.61	53.7	22.23	—	143.9	6.07	110
One Casing Volume (gal/L): 1.4	0954	5.83	455.0	25.59	50.3	23.09	—	143.4	6.07	110
Start Purge (hrs): 0900	1005	5.84	457.0	25.57	49.3	23.55	—	143.6	6.07	110
End Purge (hrs):	1025	5.85	460.0	25.84	48.0	24.33	—	146.7	6.07	110
Total Purge Time (min):	1031	increase pump rate				—	—	—	—	600
Total Vol. Purged (gal/L):	1034	5.74	436.0	25.04	54.7	20.46	—	153.3	6.21	600

SAMPLE COLLECTION INFORMATION

Analysis	Preservative	Container Requirements	Collected

OBSERVATIONS / NOTES

Flow = ml/min
1 casing volume = 1.4 gals = 5.3 liters = 53 mins pumping at 100 ml/min
= 8.8 " " " 600 " "
Water is yel-brown at start

Circle if Applicable: MS/MSD | Duplicate ID No.:

Signature(s):

GROUNDWATER SAMPLE LOG SHEET

Project Site Name: Orlando NTC
Project No.: 7457

[ ] Domestic Well Data
[X] Monitoring Well Data
[ ] Other Well Type:
[ ] QA Sample Type:

Sample ID No.: OU2MW17A02 ~~OU2-17A02~~ (A)
Sample Location: 17A
Sampled By: Allen Jenkins
C.O.C. No.:
Type of Sample:
[X] Low Concentration
[ ] High Concentration

SAMPLING DATA

Date: 6-29-99	Color	pH	S.C.	Temp.	Turbidity	DO (mg/L)		ORP	DTW	Flow
Time: 1212	sl. yel		mS/cm	°C	NTU	Meter	Titration			
Method:	brown	5.87	476.0	26.39	30.7	19.83	—	154.5		

PURGE DATA

Date: 6-29-99	Time	pH	S.C.	Temp (°C)	Turbidity	DO	Salinity	ORP	DTW	Flow
Method: Peristaltic Pump	1038	5.79	456.0	24.97	48.1	21.80	—	146.0	6.23	600
Monitor Reading (ppm): 0	1050	5.86	468.0	24.93	44.7	22.04	—	137.1	6.24	600
Well Casing Diameter: 2"	1100	5.86	470.0	24.96	42.8	19.45	—	137.0	6.24	—
Well Casing Material: PVC	1130	5.85	469.0	24.69	38.5	16.67	—	140.0	6.25	600
Total Well Depth (TD): 14	1150	5.85	466.0	24.91	35.3	15.38	—	140.0	6.26	600
Static Water Level (WL): 6.04	decrease flow rate at				1155					
One Casing Volume(gal/L):	1200	5.89	472.0	25.74	26.0	19.34	—	143.8	6.11	125
Start Purge (hrs): 0900	1206	5.88	472.0	25.89	29.9	19.45	—	148.8	6.11	125
End Purge (hrs): 1212	1212	5.87	474.0	25.93	29.0	20.25	—	151.9	6.11	125
Total Purge Time (min):										
Total Vol. Purged (gal/L):										

SAMPLE COLLECTION INFORMATION

Analysis	Preservative	Container Requirements	Collected
Inorganics	HNO3	1-liter plastic	yes
Gross alpha/beta	HNO3	1-gallon plastic	yes

OBSERVATIONS / NOTES

1100 water color has become very lt. yel. brown
1212 " " is very lt. yel-brown

Circle If Applicable:

MS/MSD | Duplicate ID No.:

Signature(s): Allen Jenkins

GROUNDWATER SAMPLE LOG SHEET

Project Site Name: Orlando NTC
Project No.: 7457

[ ] Domestic Well Data
[X] Monitoring Well Data
[ ] Other Well Type:
[ ] QA Sample Type:

Sample ID No.: 002MW17B02 ~~002117B02~~ (9)
Sample Location: 17B
Sampled By: Kevin Margetts
C.O.C. No.:
Type of Sample:
[X] Low Concentration
[ ] High Concentration

SAMPLING DATA

Date: 6-29-99 / Time: 1128	Color	pH	S.C. mS/cm	Temp. °C	Turbidity NTU	DO (mg/L) Meter	DO (mg/L) Titration	ORP	DTW	Flow
Method: Peristaltic Pump	clear	4.88	131.0	25.22	1.02	-4.05	—	-42.7	6.16	130

PURGE DATA

Date: 6-29-99	Time	pH	S.C.	Temp (°C)	Turbidity	DO	Salinity	ORP	DTW	Flow
Method: Peristaltic Pump	0907	4.88	129.0	24.54	1.75	-11.61	—	7.5	6.15	140
Monitor Reading (ppm): 0	0913	4.89	129.0	24.56	1.94	-8.92	—	-5.2	6.16	150
Well Casing Diameter: 2"	0918	4.93	121.0	24.48	2.20	-8.34	—	-13.9	6.16	150
Well Casing Material: PVC	0923	4.90	124.0	24.66	2.44	-8.04	—	-15.4	6.15	140
Total Well Depth (TD): 34	0933	4.91	127.0	24.68	1.70	-7.37	—	-20.7	6.16	150
Static Water Level (WL): 6.02	0944	4.93	125.0	24.86	1.72	-6.88	—	-25.6	6.15	130
One Casing Volume (gal/L): 4.8	0955	4.92	126.0	24.72	1.55	-6.40	—	-28.3	6.15	140
Start Purge (hrs): 0900	1006	4.90	128.0	24.69	1.31	-6.05	—	-30.2	6.15	150
End Purge (hrs): 1119	1026	4.89	128.0	24.85	1.34	-5.53	—	-34.5	6.16	150
Total Purge Time (min): 139	1039	4.88	130.0	24.95	—	-5.24	—	-36.1	6.18	—
Total Vol. Purged (gal/L): ~6	1101	4.88	133.0	24.87	1.24	-4.57	—	-39.1	6.18	170

SAMPLE COLLECTION INFORMATION

Analysis	Preservative	Container Requirements	Collected
Inorganics *	HNO3	1-liter plastic	yes
Gross alpha/Beta	HNO3	1-gallon plastic	yes
* collect new inorganic sample bottle at 1157			

OBSERVATIONS / NOTES

Flow = ml/min.
1 casing volume = 4.8 gals. = 18.2 liters = 130 mins. pumping at 100 ml/min
= 121 " " " 150 ml/min
Water is clear at start

Circle If Applicable:

MS/MSD | Duplicate ID No.:

Signature(s): Allan Jenkins
Kevin Margetts

GROUNDWATER PURGING AND SAMPLING LOG

Project Site Name: NTC Orlando OU 2
Project No.: 7457

[ ] Domestic Well Data
[X] Monitoring Well Data
[ ] Other Well Type:
[ ] QA Sample Type:

Sample ID No.: OU2MW18A02
Sample Location:
Sampled By: G SISCO
C.O.C. No.:
Type of Sample:
[X] Low Concentration
[ ] High Concentration

PURGING DATA

	Time	pH	S.C.	Temp (°C)	Turbidity	DO	ORP	DTW	Flow Rate
	Hr:Min	pH units	mS/cm	°C	NTU	mg/L	mV	ft BTOC	ml/min
Date: 7-16-99	1320							7.91	125
Method: PEristaltic	1325	4.33	82.	28.29	4.8	3.94	244.5	7.93	140
Monitor Reading (ppm): 0.0	1330	4.32	84.	28.75	2.9	3.59	260.5	7.92	140
Well Casing Diameter: 2"	1335	4.33	85.	28.55	2.1	3.39	275.7	7.92	140
Well Casing Material: PVC	1340	4.32	84.	28.20	1.8	3.17	293.8	7.93	140
Total Well Depth (TD): 14	1345	4.32	82.	27.91	1.6	2.97	302.6	7.93	140
Static Water Level (WL): 7.81	1350	4.32	80.	27.96	1.3	2.78	306.2	7.93	140
One Casing Volume (gal/L): 2.0	1355	4.32	78.	27.59	1.1	2.60	305.0	7.93	140
Start Purge (hrs): 1320									
End Purge (hrs): 1355									
Total Purge Time (min): 35									
Total Vol. Purged (gal/L): 1.3									

SAMPLING DATA

Date: 7-16-99	Color	pH	S.C.	Temp.	Turbidity	DO	ORP	DTW	Flow Rate
Time: 1355	Descrip	pH units	mS/cm	°C	NTU	mg/L	mV	ft BTOC	ml/min
Method: PERISTALTIC	CLEAR	4.32	78	27.59	1.1	2.60	305.0	7.93	140

SAMPLE COLLECTION INFORMATION

Analysis	Preservative	Container Requirements	Collected
VOCs	HCl	2 - 40 ml vials	
SVOCs	none	2 - 1 liter amber glass	
Metals	HNO3	1 - 1 liter plastic	X
Gross Alpha/Gross Beta	HNO3	1 - 1 gal plastic	
TDS/TSS/Hardness/Alkalinity	none	1 -1 liter plastic	

OBSERVATIONS / NOTES

Circle if Applicable:
MS/MSD
Duplicate ID No.

A-255

Signature(s): G. A. Sisco

GROUNDWATER PURGING AND SAMPLING LOG

Project Site Name: NTC Orlando OU 2
Project No.: 7457

[ ] Domestic Well Data
[X] Monitoring Well Data
[ ] Other Well Type:
[ ] QA Sample Type:

Sample ID No.: OU2MW18BG2
Sample Location:
Sampled By:
C.O.C. No.:
Type of Sample:
[X] Low Concentration
[ ] High Concentration

PURGING DATA

	Time	pH	S.C.	Temp (°C)	Turbidity	DO	ORP	DTW	Flow Rate
	Hr:Min	pH units	mS/cm	°C	NTU	mg/L	mV	ft BTOC	ml/min
Date: 9-16-99	1415							8.57	190
Method: BLADDER PUMP	1420	5.24	102.	27.33	5.2	1.82	-54.2	8.53	150
Monitor Reading (ppm): 0.0	1425	5.23	99.	27.30	3.8	1.39	-61.3	8.51	150
Well Casing Diameter: 2"	1435	5.22	98.	27.52	3.8	1.43	-62.1	8.54	145
Well Casing Material: PVC	1440	5.23	98.	27.45	4.5	1.45	-65.0	8.54	145
Total Well Depth (TD): 33.60	1445	5.23	99.	27.11	5.3	1.39	-68.5	8.51	150
Static Water Level (WL): 7.74	1450	5.20	97.	26.30	5.2	1.31	-68.7	8.57	155
One Casing Volume (gal/L): 4.1	1455	5.24	99.	26.86	6.5	1.46	-67.5	8.56	150
Start Purge (hrs): 1415	1500	5.22	98.	26.75	7.1	1.46	-71.0	8.56	140
End Purge (hrs):	1510	5.23	98.	27.56	7.1	1.69	-72.1	8.51	140
Total Purge Time (min):	1520	5.24	99.	27.69	7.2	1.74	-72.7	8.50	150
Total Vol. Purged (gal/L):	1530	5.24	99.	27.44	7.3	1.68	-72.4	8.56	155
	1535	5.23	98.	27.02	7.4	1.68	-72.0	8.56	155
	1545	5.23	98.	27.29	7.4	1.65	-68.2	8.56	155
	1550	5.23	98.	27.22	6.8	1.63	-69.7	8.57	155
	1555	5.23	98	27.29	6.5	1.66	-69.7	8.57	155
	1600	5.23	99.	27.26	6.2	1.63	-70.4	8.57	155

Pump stopped while trying to adjust flow rate.

DRAIN FLOW THRU CELL TO OUTFALL

SAMPLING DATA

Date: 9-16-99	Color	pH	S.C.	Temp.	Turbidity	DO	ORP	DTW	Flow Rate
Time:	Descrip	pH units	mS/cm	°C	NTU	mg/L	mV	ft BTOC	ml/min
Method: BLADDER PUMP									

SAMPLE COLLECTION INFORMATION

Analysis	Preservative	Container Requirements	Collected
VOCs	HCl	3 40 ml vials	X X
SVOCs	none	2 - 1 liter amber glass	
Metals	HNO3	1 - 1 liter plastic	X
Gross Alpha/Gross Beta	HNO3	1 - 1 gal plastic	
TDS/TSS/Hardness/Alkalinity	none	1 -1 liter plastic	

OBSERVATIONS / NOTES

FLOW THRU CELL IN BUCKET SLA. HIGH WINDS BLEW SUN TARP CANOPY INTO ADJACENT FENCE. CLOUDS IN & OUT. TEMP. UNPREDICTABLE.
TEFLON TUBING. TUBE EVACUATION METHOD FOR VOCs.

Circle if Applicable:
MS/MSD | Duplicate ID No.:

Signature(s):

GROUNDWATER SAMPLE LOG SHEET

Project Site Name: Orlando NTC
Project No.: 7457

[ ] Domestic Well Data
[X] Monitoring Well Data
[ ] Other Well Type:
[ ] QA Sample Type:

Sample ID No.: OU2MW19A02 ~~OU2MW19A02~~ (QA)
Sample Location: 19A
Sampled By: Kevin Margetts
C.O.C. No.:
Type of Sample:
[X] Low Concentration
[ ] High Concentration

SAMPLING DATA

Date: 6-29-99 / Time: 1508	Color	pH	S.C. mS/cm	Temp. °C	Turbidity NTU	DO (mg/L) Meter	DO (mg/L) Titration	ORP	DTW	Flow
Method: Peristaltic Pump	clear	4.86	0.086	24.92	9.05	1.31	—	209.0	6.97	150

PURGE DATA

Date: 6-29-99	Time	pH	S.C.	Temp (°C)	Turbidity	DO	Salinity	ORP	DTW	Flow
Method: Peristaltic Pump	1424	4.84	0.087	26.00	12.6	2.73	—	259.4	6.94	110
Monitor Reading (ppm): 0	1431	4.66	0.084	25.28	11.9	2.32	—	287.2	6.96	110
Well Casing Diameter: 2"	1436	4.63	0.084	25.07	12.1	2.22	—	295.7	6.96	125
Well Casing Material: PVC	1443	4.63	0.085	24.89	10.9	2.01	—	294.8	6.96	150
Total Well Depth (TD): 14.3	1449	4.62	0.085	25.07	10.3	1.77	—	276.2	6.96	125
Static Water Level (WL): 6.90	1455	4.59	0.085	25.04	10.0	1.59	—	247.6	6.96	125
One Casing Volume (gal/L): 1.3	1501	4.58	0.085	25.04	9.64	1.44	—	222.3	6.97	150
Start Purge (hrs): 1422	1508	4.56	0.086	24.92	9.05	1.31	—	209.0	6.97	150
End Purge (hrs): 1508										
Total Purge Time (min): 46										
Total Vol. Purged (gal/L): ~2										

SAMPLE COLLECTION INFORMATION

Analysis	Preservative	Container Requirements	Collected
~~Eng~~ (QA)			
Inorganics	HNO3	1-liter plastic	yes
Gross alpha/beta	HNO3	1-gallon plastic	yes

OBSERVATIONS / NOTES

Flow = ml/min Water is clear at start of purge

Circle If Applicable:
MS/MSD Duplicate ID No.:

Signature(s): Kevin J Margetts

GROUNDWATER SAMPLE LOG SHEET

Project Site Name: Orlando NTC
Project No.: 7457

[ ] Domestic Well Data
[X] Monitoring Well Data
[ ] Other Well Type:
[ ] QA Sample Type:

Sample ID No.: OU2MW19B02 ~~OU2-19B02~~ (99)
Sample Location: 19B
Sampled By: Doug Munson
C.O.C. No.:
Type of Sample:
[X] Low Concentration
[ ] High Concentration

SAMPLING DATA

Date: 6-29-99 / Time: 1500	Color	pH	S.C. mS/cm	Temp. °C	Turbidity NTU	DO (mg/L) Meter	DO (mg/L) Titration	ORP	DTW	Flow
Method: Peristaltic Pump	clear	4.79	233.0	24.93	1.42	7.83	—	-3.6	6.78	110

PURGE DATA

Date: 6-29-99	Time	pH	S.C.	Temp (°C)	Turbidity	DO	Salinity	ORP	DTW	Flow
Method: Peristaltic Pump	1427	5.08	242.0	24.30	7.64	6.75	—	36.0	6.87	140
Monitor Reading (ppm): 0	1432	4.63	239.0	24.50	4.61	6.14	—	20.7	6.79	120
Well Casing Diameter: 2"	1437	4.74	239.0	24.71	3.20	6.64	—	8.3	6.78	—
Well Casing Material: PVC	1444	4.81	238.0	24.88	2.40	7.38	—	2.3	6.78	110
Total Well Depth (TD): 36.1	1450	4.81	237.0	24.87	2.82	7.52	—	-0.2	6.78	110
Static Water Level (WL): 6.67	1456	4.79	236.0	24.93	1.94	7.80	—	-1.0	6.78	110
One Casing Volume (gal/L): 5.0	1500	4.79	233.0	24.97	1.42	8.00	—	-2.6	6.78	110
Start Purge (hrs): 1422										
End Purge (hrs): 1500										
Total Purge Time (min): 38										
Total Vol. Purged (gal/L): ~1										

SAMPLE COLLECTION INFORMATION

Analysis	Preservative	Container Requirements	Collected
Inorganics	HNO3	1-liter plastic	yes
Gross alpha/beta	HNO3	1-gallon plastic	yes

OBSERVATIONS / NOTES

Flow = ml/min

Water is clear at start of purge

Circle If Applicable:

MS/MSD

Duplicate ID No.:

Signature(s): Jeff (99) Allan Jenkins

Doug Munson

GROUNDWATER PURGING AND SAMPLING LOG

Project Site Name: NTC Orlando OU 2
Project No.: 7457

[ ] Domestic Well Data
[X] Monitoring Well Data
[ ] Other Well Type:
[ ] QA Sample Type:

YSI # 105

Sample ID No.: OU2MW20A02
Sample Location:
Sampled By: J.T. Hsu
C.O.C. No.:
Type of Sample:
[X] Low Concentration
[ ] High Concentration

PURGING DATA

	Time	pH	S.C.	Temp (°C)	Turbidity	DO	ORP	DTW	Flow Rate
	Hr:Min	pH units	mS/cm	°C	NTU	mg/L	mV	ft BTOC	ml/min
Date: 7-21-99	0830							8.90	200
Method: PERISTALTIC	0835	4.87	74.	24.63	2.4	1.14	180.3	8.91	80
Monitor Reading (ppm): 0.0	0840	4.90	73.	25.10	2.8	1.01	184.0	8.91	80
Well Casing Diameter: 2"	0845	4.90	73.	25.18	2.3	0.96	185.9	8.90	85
Well Casing Material: PVC	0850	4.91	72.	25.28	2.0	0.93	186.6	8.91	80
Total Well Depth (TD): 15.20	0855	4.92	70.	25.32	5.3	0.91	187.1	8.91	80
Static Water Level (WL): 8.85	0900	4.92	70.	25.29	2.9	0.89	188.7	8.89	80
One Casing Volume (gal/L): 1.0	0905	4.93	69.	25.29	2.3	0.89	188.8	8.89	80
Start Purge (hrs): 0830	0910	4.93	68.	25.38	2.5	0.91	190.0	8.89	80
End Purge (hrs): 0915	0915	4.93	68.	25.46	2.5	0.92	190.1	8.89	80
Total Purge Time (min): 45									
Total Vol. Purged (gal/L): 1.0									

TUBE 10.2'

Metals VOCs

SAMPLING DATA

Date: 7-21-99	Color	pH	S.C.	Temp.	Turbidity	DO	ORP	DTW	Flow Rate
Time: 0915	Descrip	pH units	mS/cm	°C	NTU	mg/L	mV	ft BTOC	ml/min
Method: PERISTALTIC*	CLEAR	4.93	68	25.46	2.5	0.92	190.1	8.89	80

SAMPLE COLLECTION INFORMATION

Analysis	Preservative	Container Requirements	Collected
VOCs	HCl	2 - 40 ml vials	X X X
SVOCs	none	2 - 1 liter amber glass	
Metals	HNO3	1 - 1 liter plastic	X
Gross Alpha/Gross Beta	HNO3	1 - 1 gal plastic	
TDS/TSS/Hardness/Alkalinity	none	1 -1 liter plastic	

OBSERVATIONS / NOTES

* TUBE EVACUATION METHOD for VOCs with TEFLON TUBING.

Circle if Applicable:
MS/MSD
Duplicate ID No: A-259

Signature(s): J.T. Hsu

GROUNDWATER PURGING AND SAMPLING LOG

Project Site Name: NTC Orlando OU 2
Project No.: 7457

[ ] Domestic Well Data
[X] Monitoring Well Data
[ ] Other Well Type: VSE # 122
[ ] QA Sample Type:

Sample ID No.: OU2MW20B02
Sample Location:
Sampled By: S. T. Lisa
C.O.C. No.:
Type of Sample:
[X] Low Concentration
[ ] High Concentration

PURGING DATA

	Time	pH	S.C.	Temp (°C)	Turbidity	DO	ORP	DTW	Flow Rate
	Hr:Min	pH units	mS/cm	°C	NTU	mg/L	mV	ft BTOC	ml/min
Date: 7-21-99	0830							9.35	150
Method: PERISTALTIC	0835	5.55	101.	24.57	20	2.41	40.1	9.36	100
Monitor Reading (ppm): 0.0	0840	5.55	94.	24.78	180	2.54	25.7	9.36	100
Well Casing Diameter: 2"	0845	5.56	93.	24.76	160	2.49	23.4	9.36	100
Well Casing Material: PVC	0850	5.57	93.	24.72	140	2.41	22.0	9.35	100
Total Well Depth (TD): 40.00	0900	5.57	94.	24.69	90	2.11	15.0	9.36	100
Static Water Level (WL): 9.00	0910	5.57	94.	24.73	55	2.19	11.2	9.39	105
One Casing Volume (gal/L): 5.0	0925	5.57	94.	24.78	40	2.17	6.9	9.43	105
Start Purge (hrs): 0830	0935	5.58	97.	24.76	37	2.08	3.2	9.48	105
End Purge (hrs):	0945	5.60	92.	24.92	35	2.15	6.8	9.51	95
Total Purge Time (min):	1000	5.62	93.	25.49	33	2.46	0.7	9.52	90
Total Vol. Purged (gal/L):	1010	5.62	90.	25.64	29	2.36	-0.5	9.52	90
	1015	5.62	91.	25.71	27	2.40	-2.1	9.51	90
	1020	5.62	91.	25.88	25	2.43	-4.3	9.52	90
	1025	5.63	90.	26.06	23	2.42	-5.9	9.50	90
	1030	5.63	90.	25.94	22	2.30	-7.3	9.50	90
	1035	5.62	89.	25.63	21	2.11	-10.6	9.49	90
	1040	5.63	89.	25.68	20	2.26	-11.1	9.48	90
	1045	5.62	89.	25.62	20	2.16	-10.0	9.48	90
	1050	5.61	88.	25.67	19	2.24	-8.7	9.47	90
	1100	5.62	88.	25.87	18	2.13	-8.7	9.48	90
	1110	5.63	87.	25.75	17	2.10	-9.7	9.49	90
	1115	5.63	87.	25.79	14	2.15	-9.9	9.49	90
	1120	5.62	87.	25.81	13	2.19	-10.0	9.49	90
	1125	5.63	87.	25.83	11	2.16	-9.8	9.44	90
	1130	5.63	87.	25.85	10	2.14	-9.9	9.49	90

TUBE 37.6'

Drain flow cell

Drain cell

Adjust flow

Metals Bags

Drain cell

SAMPLING DATA

Date: 7-21-99	Color	pH	S.C.	Temp.	Turbidity	DO	ORP	DTW	Flow Rate
Time:	Descrip	pH units	mS/cm	°C	NTU	mg/L	mV	ft BTOC	ml/min
Method: PERISTALTIC	CLEAR	5.63	87.	25.85	10	2.14	-9.9	9.49	90

SAMPLE COLLECTION INFORMATION

Analysis	Preservative	Container Requirements	Collected
VOCs	HCl	2 - 40 ml vials	
SVOCs	none	2 - 1 liter amber glass	
Metals	HNO3	1 - 1 liter plastic	X
Gross Alpha/Gross Beta	HNO3	1 - 1 gal plastic	X
TDS/TSS/Hardness/Alkalinity	none	1 -1 liter plastic	X

USB

OBSERVATIONS / NOTES

Circle if Applicable:
MS/MSD | Duplicate ID No.:

A-260

Signature(s):

GROUNDWATER PURGING AND SAMPLING LOG

A

Project Site Name: NTC Orlando OU 2
Project No.: 7457

[ ] Domestic Well Data
[X] Monitoring Well Data
[ ] Other Well Type: YSI #105
[ ] QA Sample Type: (610 DM)

Sample ID No.: OU2MW21AC2
Sample Location:
Sampled By: SISLER, BOBO, MARGETTS
C.O.C. No.:
Type of Sample:
[X] Low Concentration
[ ] High Concentration

PURGING DATA

	Time	pH	S.C.	Temp (°C)	Turbidity	DO	ORP	DTW	Flow Rate
	Hr:Min	pH units	mS/cm	°C	NTU	mg/L	mV	ft BTOC	ml/min
Date: 7-27-99	1335	—	—	—			—	9.78	85
Method: PERISTALTIC	1340	4.34	53	26.80	2.2	3.11	290.5	9.78	85
Monitor Reading (ppm): 0.0	1345	4.41	51	26.36	1.1	1.83	175.3	9.78	80
Well Casing Diameter: 2"	1350	4.46	52	26.51	1.0	1.72	151.3	9.78	85
Well Casing Material: PVC	1355	4.51	52	26.85	0.75	1.58	121.6	9.78	85
Total Well Depth (TD): 16.40	1400	4.56	52	27.55	0.55	1.59	117.6	9.78	85
Static Water Level (WL): 9.70	1405	4.60	52	27.62	0.40	1.50	115.9	9.78	85
One Casing Volume (gal/L): 1.1	1410	4.60	52	27.61	0.40	1.48	114.2	9.79	85
Start Purge (hrs): 1335	1415	4.60	52	27.60	0.40	1.44	113.8	9.78	85
End Purge (hrs): 1415									
Total Purge Time (min):									
Total Vol. Purged (gal/L):									

SAMPLING DATA

Date: 7-27-99 / Time: 1415 / Method: PERISTALTIC	Color Descrip.	pH pH units	S.C. mS/cm	Temp. °C	Turbidity NTU	DO mg/L	ORP mV	DTW ft BTOC	Flow Rate ml/min
	CLEAR	4.60	52	27.60	0.40	1.44	113.8	9.78	85

SAMPLE COLLECTION INFORMATION

Analysis	Preservative	Container Requirements	Collected
VOCs	HCl	2 - 40 ml vials	
SVOCs	none	2 - 1 liter amber glass	
Metals	HNO3	1 - 1 liter plastic	X
Gross Alpha/Gross Beta	HNO3	1 - 1 gal plastic	X
TDS/TSS/Hardness/Alkalinity	none	1 -1 liter plastic	

OBSERVATIONS / NOTES

Circle if Applicable:

MS/MSD | Duplicate ID No.

Signature(s): [signature]

GROUNDWATER PURGING AND SAMPLING LOG

B

Project Site Name: NTC Orlando OU 2
Project No.: 7457

[ ] Domestic Well Data
[X] Monitoring Well Data
[ ] Other Well Type:
[ ] QA Sample Type: VSI, #172 (6.0 DAL)

Sample ID No.: OU2MW21B02
Sample Location:
Sampled By: BOBO, BOBO, BOBO, BOBO
C.O.C. No.:
Type of Sample:
[X] Low Concentration
[ ] High Concentration

PURGING DATA

	Time	pH	S.C.	Temp (°C)	Turbidity	DO	ORP	DTW	Flow Rate
	Hr:Min	pH units	mS/cm	°C	NTU	mg/L	mV	ft BTOC	ml/min
Date: 7-27-99	1335							10.34	125
Method: PERISTALTIC	1340	5.44	215.	25.61	0.85	21.13	45.6	10.33	125
Monitor Reading (ppm): 0.0	1345	5.34	206.	26.13	0.64	23.30	39.7	10.24	100
Well Casing Diameter: 2"	1350	5.31	200.	26.01	0.65	24.05	39.2	10.28	100
Well Casing Material: PVC	1355	5.29	194.	25.87	0.50	24.68	38.7	10.26	100
Total Well Depth (TD): 32.5	1400	5.28	191.	26.42	0.40	27.34	36.5	10.27	100
Static Water Level (WL): 10.03	1405	5.30	188.	26.46	0.85	26.71	34.2	10.28	100
One Casing Volume (gal/L): 3.6	1410	5.26	186.	26.01	0.40	24.03	35.8	10.25	100
Start Purge (hrs): 1335	1415	5.24	184.	25.93	0.35	24.88	36.1	10.27	100
End Purge (hrs):	1420	5.22	182.	25.67	0.35	30.50	36.7	10.27	100
Total Purge Time (min):									
Total Vol. Purged (gal/L):									

SAMPLING DATA

Date: 7-27-99	Color	pH	S.C.	Temp.	Turbidity	DO	ORP	DTW	Flow Rate
Time: 1420	Descrip	pH units	mS/cm	°C	NTU	mg/L	mV	ft BTOC	ml/min
Method: PERISTALTIC	CLEAR	5.22	182.	25.67	0.35	30.50	36.7	10.27	100

SAMPLE COLLECTION INFORMATION

Analysis	Preservative	Container Requirements	Collected
VOCs	HCl	2 - 40 ml vials	
SVOCs	none	2 - 1 liter amber glass	XX
Metals	HNO3	1 - 1 liter plastic	X
Gross Alpha/Gross Beta	HNO3	1 - 1 gal plastic	X
TDS/TSS/Hardness/Alkalinity	none	1 -1 liter plastic	X
DAL	ATM	2 - 1 Liter Amber glass	XX

OBSERVATIONS / NOTES

COLLECTED SVOC with Teflon-lined foiling and Teflon-lined rubber stopper. (dry vacuum)

Circle if Applicable:

MS/MSD	Duplicate ID No.	Signature(s)
	A-262	

GROUNDWATER PURGING AND SAMPLING LOG

Project Site Name: NTC Orlando OU 2
Project No.: 7457

[ ] Domestic Well Data
[X] Monitoring Well Data
[ ] Other Well Type:
[ ] QA Sample Type:

610 - DM
YSI # 172

Sample ID No.: OU2MW22402
Sample Location:
Sampled By: G. Sisco
C.O.C. No.:
Type of Sample:
[X] Low Concentration
[ ] High Concentration

PURGING DATA

	Time	pH	S.C.	Temp (°C)	Turbidity	DO	ORP	DTW	Flow Rate
	Hr:Min	pH units	mS/cm	°C	NTU	mg/L	mV	ft BTOC	ml/min
Date: 2-19-09	1215							5.02	100
Method: PERISTALTIC	1220	5.56	223.	27.55	400	5.47	89.2	5.04	100
Monitor Reading (ppm): 0.0	1230	5.54	218.	28.09	270	3.54	100.6	5.03	100
Well Casing Diameter: 2"	1240	5.52	214.	26.77	190	3.07	111.8	5.04	100
Well Casing Material: PVC	1250	5.53	204.	27.64	160	3.36	122.8	5.08	105
Total Well Depth (TD): 12.3	1300	5.48	201.	26.94	80	2.61	119.0	5.09	105
Static Water Level (WL): 4.77	1320	5.44	195	27.20	55	2.59	121.0	5.08	100
One Casing Volume (gal/L): 2.0	1330	5.43	191.	27.21	50	2.60	122.6	5.09	100
Start Purge (hrs): 1215	1335	5.42	190.	27.27	40	2.66	123.6	5.09	100
End Purge (hrs): 1425	1340	5.41	191.	27.47	38	2.80	123.9	5.10	105
Total Purge Time (min): 130	1345	5.41	190.	27.27	38	2.90	122.5	5.12	110
Total Vol. Purged (gal/L): 4.0	1350	5.43	187.	27.53	38	2.80	123.7	5.14	110
	1355	5.41	188.	27.47	39	2.80	124.9	5.14	110
	1400	5.39	184.	27.34	40	2.88	125.0	5.14	110
	1405	5.39	187.	27.12	35	2.98	124.2	5.14	110
	1410	5.38	186.	27.72	35	3.10	125.3	5.14	110
	1415	5.38	185.	27.89	36	3.15	125.5	5.14	110
	1420	5.38	185.	27.84	37	3.20	125.9	5.15	105
	1425	5.37	185.	28.14	35	3.20	125.6	5.15	105

(918) Time 1230 +

TUBE 12.3

DRAIN FLOW-THRU CELL

DRAIN FLOW-THRU CELL

SAMPLING DATA

Date: / Time: / Method:	Color Descrip	pH pH units	S.C. mS/cm	Temp. °C	Turbidity NTU	DO mg/L	ORP mV	DTW ft BTOC	Flow Rate ml/min

SAMPLE COLLECTION INFORMATION

Analysis	Preservative	Container Requirements	Collected
VOCs	HCl	2 - 40 ml vials	
SVOCs	none	2 - 1 liter amber glass	
Metals	HNO3	1 - 1 liter plastic	
Gross Alpha/Gross Beta	HNO3	1 - 1 gal plastic	
TDS/TSS/Hardness/Alkalinity	none	1 -1 liter plastic	

OBSERVATIONS / NOTES

REDEVELOP.

Circle if Applicable:
MS/MSD
Duplicate ID No.:

A-263

Signature(s): G. Sisco

Date 9-23-99

GROUNDWATER PURGING AND SAMPLING LOG

Page 1 of 1

Project Site Name: NTC Orlando OU 2
Project No.: 7457-BE0-05C-590

Sample ID No.: OU2MW22A02
Sample Location: OU2MW22A02
Sampled By: SISCO & HILL
C.O.C. No.:

[ ] Domestic Well Data
[X] Monitoring Well Data
[ ] Other Well Type:

PURGING DATA

Casing Size (in.)	Gals/Ft. of Water	Time Hr:Min	pH pH units	S.C. mS/cm	Temp. °C	Turbidity NTU	DO mg/L	ORP mV	DTW ft BTOC	Flow Rate ml/min
1	0.041	0840	—	—	—	CLEAR	—	—	4.81	125
2	0.163	0842	—	—	—	11	—	—	4.83	100
3	0.367	0850	5.22	187.	24.88	8.29	2.54	143.1	4.91	100
4	0.653	0855	5.26	190.	24.98	7.94	5.87	137.1	4.90	105
5	1.020	0900	5.27	192.	25.03	7.74	5.33	134.5	4.89	90
6	1.469	0905	5.28	192.	25.21	8.15	5.18	134.2	4.89	95
8	2.611	0910	5.28	191.	25.16	9.01	5.03	135.3	4.89	95
10	4.080	0915	5.28	191.	25.14	9.89	4.94	135.3	4.89	95

Well Casing Diameter: 2"
Total Well Depth (TD): 17.3
Static Water Level (WL): 4.69
One Casing Volume(gal/L):
[3.78~~gals/L~~]
Start Purge (hrs): 0840
End Purge (hrs): 0915
Total Purge Time (min): 35
Total Vol. Purged (gal/L):

SAMPLE PARAMETERS

	Color Description	pH pH units	S.C. mS/cm	Temp. °C	Turbidity NTU	DO mg/L	ORP mV	DTW ft BTOC	Flow Rate ml/min
Date: 9-23-99									
Time: 0915	CLEAR	5.28	191	25.14	9.89	4.94	135.3	4.89	95

SAMPLE COLLECTION INFORMATION

Analysis	Preservative	Container Requirements	Collected
VOCs	HCl	3 - 40 ml vials	
SVOCs	none	2 - 1 liter amber glass	
Metals	HNO3 ✓	1 - 1 liter plastic	1 (2)
Gross Alpha/Gross Beta	HNO3 ✓	1 - 1 gal plastic	1 (2)
TDS/TSS/Hardness/Alkalinity	none	1 -1 liter plastic	

ADDITIONAL INFORMATION

OVA Reading (ppm): 0.0

Method:
[X] Peristaltic Pump
[ ] Centrifugal Pump
[ ] Bailer
[ ] Tube Evacuation
[ ] Vacuum Jug Assembly
[ ] Other:

Tubing Type:
[X] Polyethylene
[ ] Teflon
[ ] Teflon-lined Polyethylene

Circle if Applicable:

MS/MSD: NO.

Duplicate ID No.: NTCU2D3000

A-264

Signature(s): G. J. Sisco

GROUNDWATER PURGING AND SAMPLING LOG

Project Site Name: NTC Orlando OU 2
Project No.: 7457

[ ] Domestic Well Data
[X] Monitoring Well Data
[ ] Other Well Type: 6" - DM
[ ] QA Sample Type: YSI # 105

Sample ID No.: OU2MW22B02
Sample Location:
Sampled By: G. Sisco
C.O.C. No.:
Type of Sample:
[X] Low Concentration
[ ] High Concentration

TVOC 24.5

PURGING DATA

	Time	pH	S.C.	Temp (°C)	Turbidity	DO	ORP	DTW	Flow Rate
	Hr:Min	pH units	mS/cm	°C	NTU	mg/L	mV	ft BTOC	ml/min
Date: 2-19-99	1215							5.10	100
Method: PERISTALTIC	1220	5.24	1.38	26.70	3.6	3.53	-9.3	5.12	100
Monitor Reading (ppm): 0.0	1230	5.21	137.	25.95	2.1	3.37	-18.2	5.11	100
Well Casing Diameter: 2"	1235	5.23	136.	25.92	2.2	3.66	-25.8	5.12	100
Well Casing Material: PVC	1240	5.29	135.	26.06	6.0	4.46	-34.9	5.14	100
Total Well Depth (TD): 32.0	1245	5.32	135.	25.70	4.0	4.29	-40.8	5.14	100
Static Water Level (WL): 4.89	1250	5.33	134.	25.80	2.2	4.69	-42.5	5.14	100
One Casing Volume (gal/L): 4.3	1255	5.34	135.	26.20	[illegible]	4.64	-45.1	5.14	100
Start Purge (hrs): 1245	1300	5.35	133.	26.06	3.7	5.17	-50.9	5.14	100
End Purge (hrs): 1330	1310	5.39	134.	26.30	3.2	4.51	-57.5	5.15	105
Total Purge Time (min): 75	1320	5.42	134.	26.51	1.4	5.93	-84.0	5.14	100
Total Vol. Purged (gal/L): 2.0	1325	5.41	133.	26.52	1.4	5.80	-87.2	5.15	100
	1330	5.38	133.	26.54	1.2	5.85	-88.0	5.14	100

SAMPLING DATA

Date: 2-19-99	Color	pH	S.C.	Temp.	Turbidity	DO	ORP	DTW	Flow Rate
Time: 1330	Descrip.	pH units	mS/cm	°C	NTU	mg/L	mV	ft BTOC	ml/min
Method: PERISTALTIC	CLEAR	5.38	133	26.54	1.2	5.89	-88.0	5.14	100

SAMPLE COLLECTION INFORMATION

Analysis	Preservative	Container Requirements	Collected
VOCs	HCl	2 - 40 ml vials	
SVOCs	none	2 - 1 liter amber glass	
Metals	HNO3	1 - 1 liter plastic	X
Gross Alpha/Gross Beta	HNO3	1 - 1 gal plastic	
TDS/TSS/Hardness/Alkalinity	none	1 -1 liter plastic	

OBSERVATIONS / NOTES

Circle if Applicable:
MS/MSD | Duplicate ID No.:

Signature(s): G. J. Sisco

GROUNDWATER PURGING AND SAMPLING LOG

Project Site Name: NTC Orlando OU 2
Project No.: 7457

[ ] Domestic Well Data
[X] Monitoring Well Data
[ ] Other Well Type:
[ ] QA Sample Type:

Sample ID No.: OU2MW22302
Sample Location: 22
Sampled By: G.S., A.M., T.B.
C.O.C. No.:
Type of Sample:
[X] Low Concentration
[ ] High Concentration

PURGING DATA

	Time	pH	S.C.	Temp (°C)	Turbidity	DO	ORP	DTW	Flow Rate
	Hr:Min	pH units	mS/cm	°C	NTU	mg/L	mV	ft BTOC	ml/min
Date: 7/3/99	0820				2.66			5.21	90
Method: Peristaltic pump	0825	5.33	127	26.06	2.15	14.72	76.6		
Monitor Reading (ppm): 0	0830	5.31	127	26.17	2.14	22.15	76.1		
Well Casing Diameter: 2"	0835	5.28	127	26.15	1.89	29.92	75.1		
Well Casing Material: PVC	0840	5.27	125	26.06	1.95	33.72	74.0	5.20	
Total Well Depth (TD): 32.0	0845	5.26	126	25.95	2.5	34.90	72.1		
Static Water Level (WL): 5.64	0850	5.27	126	25.96	1.88	35.44	70.6		
One Casing Volume(gal/L):	0855	5.26	125	26.04	1.45	36.81	68.9		
Start Purge (hrs): 0820	0900	5.26	126	26.00	1.43	36.05	67.3		
End Purge (hrs): 0905	0905	5.25	126	26.02	1.40	37.5	66.4	↓	↓
Total Purge Time (min): 45									
Total Vol. Purged (gal/L): ~1.2									

SAMPLING DATA

	Color	pH	S.C.	Temp.	Turbidity	DO	ORP	DTW	Flow Rate
Date: 7/3/99	Descrip	pH units	mS/cm	°C	NTU	mg/L	mV	ft BTOC	ml/min
Time: 0905									
Method: Peristaltic Pump	clear	5.25	126	26.02	1.40	37.5	66.4	5.20	90

SAMPLE COLLECTION INFORMATION

Analysis	Preservative	Container Requirements	Collected
VOCs	HCl	2 - 40 ml vials	
SVOCs	none	2 - 1 liter amber glass	
Metals	HNO3	1 - 1 liter plastic	✓
Gross Alpha/Gross Beta	HNO3	1 - 1 gal plastic	
TDS/TSS/Hardness/Alkalinity	none	1 -1 liter plastic	

OBSERVATIONS / NOTES

Circle if Applicable:
MS/MSD | Duplicate ID No

A-266

Signature(s): Janet Barkley

GROUNDWATER PURGING AND SAMPLING LOG

Project Site Name: NTC Orlando OU 2
Project No.: 7457

[ ] Domestic Well Data
[X] Monitoring Well Data
[ ] Other Well Type:
[ ] QA Sample Type:

Sample ID No.: OU2MW-25[illegible]
Sample Location:
Sampled By:
C.O.C. No.:
Type of Sample:
[X] Low Concentration
[ ] High Concentration

PURGING DATA

	Time	pH	S.C.	Temp (°C)	Turbidity	DO	ORP	DTW	Flow Rate
	Hr:Min	pH units	mS/cm	°C	NTU	mg/L	mV	ft BTOC	ml/min
Date: 6/1/99	1300							47.15	500
Method: Grundfos w/ LF	1308	6.46	4.22	28.11	40.5	30.76	66.0	↓	90
Monitor Reading (ppm): 0	1313	7.07	4.24	26.79	35.8	25.30	-33.9	46.30	90
Well Casing Diameter: 2"	1308	7.12	4.22	26.54	26.8	24.74	-68.1	47.71	300
Well Casing Material: PVC	~~1311~~ 1311	7.15	4.22	29.31	28.2	25.21	-72.7	47.83	150
Total Well Depth (TD): 54.4	1314	7.19	4.23	30.02	27.9	28.15	-88.2	47.95	
Static Water Level (WL): 44.2	1317	7.20	4.25	29.12	24.2	27.48	-93.8	48.00	
One Casing Volume(gal/L):	1320	7.20	4.23	29.37	19.9	30.91	-96.6	↓	
Start Purge (hrs):	1323	7.20	4.26	29.53	19.0	27.79	-103.2	48.75	
End Purge (hrs):	1324	7.21	4.25	30.21	15.6	29.30	-104.6	↓	
Total Purge Time (min):	1325	7.21	4.24	30.53	14.2	31.02	-105.0	48.21	
Total Vol. Purged (gal/L):	1327	7.21	4.24	29.12	12.9	27.06	-107.4	48.6	
	1329	7.21	4.24	29.70	11.9	32.40	-107.6	48.8	
	1330	7.21	4.21	29.16	11.9	21.53	-107.5	49.25	

(flow rate varies between 90 & 150 due to increased agitation)

SAMPLING DATA

Date: 6/1/99	Color	pH	S.C.	Temp.	Turbidity	DO	ORP	DTW	Flow Rate
Time 1330	Descrip	pH units	mS/cm	°C	NTU	mg/L	mV	ft BTOC	ml/min
Method: Grundfos w/ LF	clear	7.21	4.21	29.16	11.9	21.53	-107.5	49.25	~120

SAMPLE COLLECTION INFORMATION

Analysis	Preservative	Container Requirements	Collected
VOCs	HCl	2 - 40 ml vials	
SVOCs	none	2 - 1 liter amber glass	
Metals	HNO3	1 - 1 liter plastic	✓
Gross Alpha/Gross Beta	HNO3	1 - 1 gal plastic	✓
TDS/TSS/Hardness/Alkalinity	none	1 -1 liter plastic	✓

OBSERVATIONS / NOTES

[illegible] water [illegible]

Circle if Applicable:
MS/MSD
Duplicate ID No.

Signature(s):

GROUNDWATER PURGING AND SAMPLING LOG

Project Site Name: NTC Orlando OU 2
Project No.: 7457

[ ] Domestic Well Data
[X] Monitoring Well Data
[ ] Other Well Type:
[ ] QA Sample Type:

Sample ID No.: OU2MW24C02
Sample Location:
Sampled By: C.S. [illegible]
C.O.C. No.:
Type of Sample:
[X] Low Concentration
[ ] High Concentration

YSI Serial N 10E

PURGING DATA

	Time	pH	S.C.	Temp (°C)	Turbidity	DO	ORP	DTW	Flow Rate
	Hr:Min	pH units	mS/cm	°C	NTU	mg/L	mV	ft BTOC	ml/min
Date: 8-2-99	1310	-	-	-	69.5	-	-	-	500
Method: SUBMERS	1313	6.20	.153	27.55	42.1	25.62	42.2	57.00	200
Monitor Reading (ppm): 0	1314	6.09	.151	21.57	40.8	21.76	44.2	55.35	
Well Casing Diameter: 2"	1317	5.91	.146	25.20	30.2	17.51	50.7	55.00	
Well Casing Material: PVC	1320	5.82	.143	27.82	25.3	15.37	55.3	54.00	
Total Well Depth (TD): 64.0	1325	5.78	.144	28.18	25.5	15.42	57.5	53.00	
Static Water Level (WL): 43.71	1330	5.77	.144	28.25	21.0	14.43	59.2	53.15	
One Casing Volume(gal/L):	1335	5.76	.144	28.19	17.2	14.04	61.1	53.21	
Start Purge (hrs): 1316	1340	5.75	.144	28.18	15.6	14.64	62.6	53.33	
End Purge (hrs):	1345	5.74	.145	28.20	14.1	14.73	62.5	52.30	
Total Purge Time (min):	1350	5.74	.145	28.04	13.4	14.77	64.2	52.33	
Total Vol. Purged (gal/L):	1355	5.74	.145	28.16	12.4	15.52	65.1	52.35	
	1400	5.74	.145	28.21	11.4	16.66	66.5	52.31	
	1405	5.73	.145	28.23	~~12.2~~	17.66	66.1	52.3	↓
	1410	5.73	.145	28.20	10.0	17.5	66.9	↓	↓

SAMPLING DATA

	Color	pH	S.C.	Temp.	Turbidity	DO	ORP	DTW	Flow Rate
Date: 8/2/99	Descrip	pH units	mS/cm	°C	NTU	mg/L	mV	ft BTOC	ml/min
Time: 1410									
Method: Peristaltic Pump	colorless	5.73	.145	28.20	10.0	17.5	66.9	52.30	200

SAMPLE COLLECTION INFORMATION

Analysis	Preservative	Container Requirements	Collected
VOCs	HCl	2 - 40 ml vials	
SVOCs	none	2 - 1 liter amber glass	
Metals	HNO3	1 - 1 liter plastic	
Gross Alpha/Gross Beta	HNO3	1 - 1 gal plastic	✓
TDS/TSS/Hardness/Alkalinity	none	1 -1 liter plastic	

OBSERVATIONS / NOTES

Light brown purge water before the YSI was connected (1242 - 1310)

Circle if Applicable:
MS/MSD | Duplicate ID No

A-260

Signature(s): J. Brinkwright

GROUNDWATER PURGING AND SAMPLING LOG

Project Site Name: NTC Orlando OU 2
Project No.: 7457

[ ] Domestic Well Data
[X] Monitoring Well Data
[ ] Other Well Type:
[ ] QA Sample Type:

Sample ID No.: OU2MW 25[illegible]2
Sample Location:
Sampled By: G.S. B.B., K.M., T.B.
C.O.C. No.:
Type of Sample:
[X] Low Concentration
[ ] High Concentration

PURGING DATA

	Time	pH	S.C.	Temp (°C)	Turbidity	DO	ORP	DTW	Flow Rate
	Hr:Min	pH units	mS/cm	°C	NTU	mg/L	mV	ft BTOC	ml/min
Date: 8/2/99	0823								400
Method: Grundfos pump	0825	6.69	494	24.21	8.63	32.73	-1.6	46.89	200
Monitor Reading (ppm): 0	0830	6.95	484	24.68	8.21	34.43	-56.4	47.1	125
Well Casing Diameter: 2"	0833	7.00	472	25.32	8.40	36.29	-67.2	47.25	100
Well Casing Material: PVC	0838	7.03	481	25.89	8.26	34.69	-72.0	47.9	80
Total Well Depth (TD): 75	0843	7.04	480	26.18	9.10	37.31	-73.5	47.11	1
Static Water Level (WL): 44.40	0846	7.06	482	26.23	9.89	37.2	-75.6	46.99	↓
One Casing Volume(gal/L):									
Start Purge (hrs): 0823									
End Purge (hrs): 0846									
Total Purge Time (min): 23									
Total Vol. Purged (gal/L):									

Bottom of screen = 71.5 ft

SAMPLING DATA

Date 8/2/99	Color	pH	S.C.	Temp.	Turbidity	DO	ORP	DTW	Flow Rate
Time 0846	Descrip	pH units	mS/cm	°C	NTU	mg/L	mV	ft BTOC	ml/min
Method Grundfos pump	clear	7.06	482	26.23	9.89	37.2	-75.6	46.99	80

SAMPLE COLLECTION INFORMATION

Analysis	Preservative	Container Requirements	Collected
VOCs	HCl	2 - 40 ml vials	
SVOCs	none	2 - 1 liter amber glass	
Metals	HNO3	1 - 1 liter plastic	✓
Gross Alpha/Gross Beta	HNO3	1 - 1 gal plastic	
TDS/TSS/Hardness/Alkalinity	none	1 -1 liter plastic	

OBSERVATIONS / NOTES

Circle if Applicable:
MS/MSD | Duplicate ID No

A-269

Signature(s): J Bontenright

GROUNDWATER PURGING AND SAMPLING LOG

Project Site Name: NTC Orlando OU 2
Project No.: 7457

[ ] Domestic Well Data
[X] Monitoring Well Data
[ ] Other Well Type:
[ ] QA Sample Type:

Sample ID No.: OU2MW26C2
Sample Location: MW26
Sampled By: GS, KM, TB
C.O.C. No.:
Type of Sample:
[X] Low Concentration
[ ] High Concentration

YSI 122

PURGING DATA

	Time	pH	S.C.	Temp (°C)	Turbidity	DO	ORP	DTW	Flow Rate
	Hr:Min	pH units	mS/cm	°C	NTU	mg/L	mV	ft BTOC	ml/min
Date: 7/30/09	1310	7.06	46.7	29.19	27.8	40.41	-44.5	45.60	140
Method: Grundfos Pump	1315	7.02	46.2	29.42	27.4	38.62	-70.1	45.78	135
Monitor Reading (ppm): 0	1318	7.04	46.1	30.07	26.8	39.21	-79.1	45.67	140
Well Casing Diameter: 2"	1321	7.06	46.1	30.76	26.1	40.12	-83.3	45.53	
Well Casing Material: PVC	1324	7.08	46.1	30.86	26.1	41.85	-91.1	45.30	
Total Well Depth (TD): 66.1	1327	7.09	46.2	30.56	27.4	43.64	-90.4	45.30	
Static Water Level (WL): 44.16	1330	7.07	46.0	30.46	36.2	43.74	-85.5	↓	↓
One Casing Volume(gal/L): 2.33	1333	7.06	46.1	30.47	37.9	43.23	-87.1	45.25	80
Start Purge (hrs): 1316	1336	7.06	46.1	31.33	39.5	42.63	-88.9	↓	
End Purge (hrs): 1515	1339	7.06	46.2	31.97	39.4	41.91	-89.9	↓	
Total Purge Time (min): 125	1342	7.07	46.2	32.49	36.3	41.32	-90.7	45.22	
Total Vol. Purged (gal/L):	1345	7.07	46.3	32.90	39.1	40.95	-97.1	45.26	
	1350	7.07	46.3	33.11	38.3	40.62	-99.7	↓	↓
	~~1355~~								
	1400	7.11	46.9	32.81	41.6	40.56	-100.2	45.27	
	1405	7.07	46.1	33.12	40.1	39.99	-102.9	45.27	80
	1415	7.07	46.1	34.11	32.7	~~39.15~~	-114.4		
	1425	7.06	46.2	34.08	33.0	39.53	-116.2		
	1435	7.05	54.7	34.33	41.5	~~43.15~~	-117.5		
	1445	7.06	46.7	35.25	49.8	40.49	-117.6		
	1455	7.03	47.0	35.52	57.1	39.57	-119.9		
	1505	7.01	47.1	35.93	48.4	40.25	-118.6		
	1515	7.01	47.2	36.29	49.2	41.08	-118.3	↓	

SAMPLING DATA

Date ~~7/30/09~~	Color	pH	S.C.	Temp.	Turbidity	DO	ORP	DTW	Flow Rate
Time 1515	Descrip	pH units	mS/cm	°C	NTU	mg/L	mV	ft BTOC	ml/min
Method		6.99	47.0	36.40	49.2	41.08	-118.3		

SAMPLE COLLECTION INFORMATION

Analysis	Preservative	Container Requirements	Collected
VOCs	HCl	2 - 40 ml vials	
SVOCs	none	2 - 1 liter amber glass	
Metals	HNO3	1 - 1 liter plastic	
Gross Alpha/Gross Beta	HNO3	1 - 1 gal plastic	
TDS/TSS/Hardness/Alkalinity	none	1 -1 liter plastic	

OBSERVATIONS / NOTES

Pump @ 46.5 ft bgs, not in the screen
Pump not working correctly

SEE LOG BOOK p. 143 - G.F. 8/5/09

Circle if Applicable:
MS/MSD | Duplicate ID No

Signature(s): GJ Bridenbaugh

GROUNDWATER PURGING AND SAMPLING LOG

Project Site Name: NTC Orlando OU 2
Project No.: 7457

[ ] Domestic Well Data
[X] Monitoring Well Data
[ ] Other Well Type:
[ ] QA Sample Type:

Sample ID No.: OU2MW26C02
Sample Location: S
Sampled By: C.S. RB KM JB
C.O.C. No.:
Type of Sample:
[X] Low Concentration
[ ] High Concentration

PURGING DATA

	Time	pH	S.C.	Temp (°C)	Turbidity	DO	ORP	DTW	Flow Rate
	Hr:Min	pH units	mS/cm	°C	NTU	mg/L	mV	ft BTOC	ml/min
Date: 8/2/09	0905	-			>1000	~~TMB~~			
Method: submersible pump	0920				124			58.5	
Monitor Reading (ppm): 0	0922				72				
Well Casing Diameter: 2"	0925	7.23	487	25.51	132	34.29	-72.8	52.0	450
Well Casing Material: PVC	0927	7.14	481	26.14	56.7	34.46	-82.8	~~49~~ 50.0	300
Total Well Depth (TD): 60.1	0932	7.10	486	27.00	44.6	36.47	-89.5	49.5	400
Static Water Level (WL): 44.77	0937	7.10	485	27.11	38.5	39.47	-91.4		↓
One Casing Volume(gal/L):	0942	7.09	485	27.26	27.2	39.60	-93.7	49.18	400
Start Purge (hrs): 0915	0947	7.09	486	27.29	25.7	40.43	-94.9	49.18	↓
End Purge (hrs): 1042	0952	7.08	488	27.35	22.6	41.37	-95.4	49.18	↓
Total Purge Time (min): 97	0957	7.08	488	27.36	22.1	40.31	-95.7	↓	400
Total Vol. Purged (gal/L):	1002	7.08	487	27.36	21.6	42.56	-96.0	49.08	
	1007	7.07	488	27.46	18.1	40.26	-96.5	↓	↓
	1012	7.07	487	27.33	16.9	40.41	-96.4	49.00	400
	1017	7.07	488	27.50	16.6	40.25	-96.9	↓	
	1022	7.07	488	27.72	16.2	39.95	-97.2	48.80	
	1027	7.07	488	27.73	13.8	39.95	-97.1	↓	
	1032	7.06	488	27.75	11.9	39.95	-97.0	48.78	
	1037	7.06	488	27.77	14.8	39.91	-95.6		
	1042	7.06	487	27.66	10.5	40.03	-93.7	↓	↓
					10.03				

SAMPLING DATA

	Color	pH	S.C.	Temp.	Turbidity	DO	ORP	DTW	Flow Rate
Date: 8/2/09	Descrip	pH units	mS/cm	°C	NTU	mg/L	mV	ft BTOC	ml/min
Time 1042									
Method submersible pump	clear	7.06	487	27.66	10.03	40.03	-93.7	49.18	400

SAMPLE COLLECTION INFORMATION

Analysis	Preservative	Container Requirements	Collected
VOCs	HCl	2 - 40 ml vials	✓
SVOCs	none	2 - 1 liter amber glass	
Metals	HNO3	1 - 1 liter plastic	✓
Gross Alpha/Gross Beta	HNO3	1 - 1 gal plastic	
TDS/TSS/Hardness/Alkalinity	none	1 -1 liter plastic	

OBSERVATIONS / NOTES

only collected 2 40ml vials for VOCs; there wasn't enough H2O in the tube to fill the third vial

Circle if Applicable:
MS/MSD | Duplicate ID No

Signature(s): J Barkenight

NTC ORLANDO, FLORIDA
HAND AUGER DATA
PHASES I, II, AND III

Phase	Date	Location	LF Depth (inches)	Total Depth (inches)	Comments
PHASE III	2/4/99	G1	not encountered	48	
	2/6/99	G2	12 to 15	15	refusal
	2/6/99	G3	6 to 30	30	refusal
	2/4/99	G4	not encountered	36	groundwater
	2/4/99	G5	not encountered	48	
	2/4/99	G6	not encountered	48	
	2/4/99	G7	not encountered	48	
	2/4/99	G8	not encountered	48	
	2/5/99	G9	30 to 36	48	
	2/5/99	G9	4 to 24	24	Test Pit
	2/5/99	G10	46 ?	46	refusal
	2/5/99	G11	not encountered	48	
	2/5/99	G12	not encountered	48	
	2/5/99	G13	not encountered	48	
	2/5/99	G14	not encountered	26	refusal (roots)
	2/4/99	G15	not encountered	48	
	2/4/99	G16	not encountered	48	
	2/4/99	G17	not encountered	48	
	2/4/99	G18	not encountered	48	
	2/4/99	G19	not encountered	48	
	2/4/99	G20	not encountered	48	
	2/5/99	G21	12 to 24	24	Test Pit
	2/4/99	G21	6 to 18	48	
	2/5/99	G22	not encountered	24	Test Pit
	2/4/99	G22	18 to 30	48	
	2/5/99	G23	not encountered	48	
	2/4/99	G24	not encountered	48	
	2/5/99	G25	not encountered	48	
	2/4/99	G26	not encountered	48	
	2/4/99	G27	48	48	
	2/4/99	G28	6 to 28	28	refusal
	2/4/99	G29	6 to 18	18	abandon hole
	2/4/99	G30	14	14	refusal (concrete ?)
	2/4/99	G30(B)	14	14	refusal (concrete ?)
	2/4/99	G30(C)	not encountered	48	
	2/4/99	G31	24 to 30	44	refusal
	2/4/99	G32	not encountered	34	refusal
	2/4/99	G33	6 to 24	48	
	2/5/99	G33	14 to 18	24	Test Pit
	2/4/99	G34	not encountered	48	
	2/4/99	G35	not encountered	48	
	2/4/99	G36	not encountered	48	
	2/5/99	G37	not encountered	48	
	2/5/99	G38	not encountered	48	
	2/5/99	G39	not encountered	48	
	2/5/99	G40	12	12	refusal (gravel?)
	2/5/99	G40(B)	10	10	refusal (gravel?)
	2/5/99	G41	not encountered	48	
	2/5/99	G42	not encountered	48	
	2/4/99	G43	not encountered	48	

NTC ORLANDO, FLORIDA
HAND AUGER DATA
PHASES I, II, AND III

Phase	Date	Location	LF Depth (inches)	Total Depth (inches)	Comments
PHASE III	2/5/99	G44	not encountered	48	
	2/4/99	G45	not encountered	48	
	2/4/99	G46	not encountered	48	
	2/4/99	G47	not encountered	48	
	2/5/99	G48	not encountered	48	
	2/4/99	G49	not encountered	48	
	2/4/99	G50	not encountered	48	
PHASE I	6/25/97	H1	not encountered	72	saturated @ 72"
	6/25/97	H2	not encountered	72	saturated @ 72"
	6/25/97	H3	18	36	refusal
	6/26/97	H4	not encountered	72	saturated @ 66"
	6/26/97	H5	not encountered	72	
	6/26/97	H6	not encountered	72	saturated @ 72"
	6/26/97	H7	12-15	48	refusal (roots)
	6/26/97	H8	not encountered	72	something hard @ 12"
	6/26/97	H9	12	24	refusal (waste)
	6/26/97	H10	12	42	refusal; surface junk (metal)
	6/26/97	H11	not encountered	72	
	6/26/97	H12	not encountered	72	
	6/26/97	H13	not encountered	72	
	6/27/97	H14	not encountered	72	roots
	6/27/97	H15	not encountered	72	
	6/27/97	H16	not encountered	72	
	6/27/97	H17	not encountered	72	
	6/27/97	H18	42	72	
	6/27/97	H19	not encountered	72	
	6/27/97	H20	18	72	metal @ 12", plastic @ 18"
	6/26/97	H21	not encountered	36	saturated @ 36"
	6/26/97	H22	12	36	saturated @ 36"
	6/26/97	H23	not encountered	42	saturated @ 42"
	6/26/97	H24	not encountered	54	saturated @ 54"
	6/26/97	H25	not encountered	54	saturated @ 54"
	6/26/97	H26	not encountered	54	saturated @ 54"
	6/26/97	H27	6	30	refusal (gravel & tar)
	6/26/97	H28	not encountered	48	saturated @ 48"
	6/26/97	H29	not encountered	60	saturated @ 60"
	6/26/97	H30	not encountered	60	saturated @ 60"
	6/26/97	H31	not encountered	72	
	6/26/97	H32	not encountered	72	roots
	6/26/97	H33	not encountered	72	
	6/26/97	H34	not encountered	18	refusal (gravel)
	6/26/97	H35	not encountered	48	saturated @ 48"
	6/26/97	H36	not encountered	72	
	6/26/97	H37	not encountered	72	
	6/26/97	H38	not encountered	72	
	6/26/97	H39	not encountered	72	
	6/26/97	H40	not encountered	54	saturated @ 54"
PHASE II	03/12-13/1998	H41		84	
	03/12-13/1998	H42		48	
	03/12-13/1998	H43		48	

NTC ORLANDO, FLORIDA
HAND AUGER DATA
PHASES I, II, AND III

Phase	Date	Location	LF Depth (inches)	Total Depth (inches)	Comments
PHASE II	03/12-13/1998	H44		48	
	03/12-13/1998	H45		72	
	03/12-13/1998	H46		48	
	03/12-13/1998	H47		54	
	03/12-13/1998	H48		84	
	03/12-13/1998	H49		84	
PHASE III	2/5/99	H50	not encountered	48	
	2/6/99	H51	30 to 36	37	refusal
	2/6/99	H52	20	20	refusal
	2/6/99	H53	12 to 42	44	refusal
	2/5/99	H54	0 to 6	48	surface junk
	2/5/99	H55	not encountered	48	
	2/5/99	H56	not encountered	48	
	2/5/99	H57	24 to 48	48	voids below 36
	2/5/99	H58	23 to 30	48	
	2/4/99	H59	not encountered	42	refusal
	2/5/99	H60	not encountered	48	
	2/6/99	H61	24 to 30	30	refusal
	2/6/99	H62	11 to 24	24	Test Pit
	2/6/99	H62	18 to 24	48	
	2/6/99	H63	not encountered	44	refusal (roots)
	2/4/99	H64	not encountered	48	
	2/6/99	H64	not encountered	48	
	2/5/99	H65	not encountered	48	
	2/6/99	H66	not encountered	48	
	2/6/99	H67	12 to 24	24	Test Pit
	2/6/99	H67	18 to 24	48	
	2/6/99	H68	not encountered	48	
	2/4/99	H69	not encountered	48	
	2/5/99	H70	not encountered	45	refusal
	2/6/99	H71	not encountered	48	
	2/6/99	H72	18 to 36	36	refusal
	2/6/99	H73	not encountered	48	
	2/4/99	H74	not encountered	48	
	2/6/99	H74	not encountered	48	
	2/5/99	H75	not encountered	48	
	2/6/99	H76	not encountered	48	
	2/6/99	H77	not encountered	48	
	2/6/99	H78	not encountered	48	
	2/4/99	H79	not encountered	48	
	2/6/99	H79	not encountered	48	
	2/5/99	H80	not encountered	48	
	2/5/99	H81	not encountered	48	
	2/5/99	H82	not encountered	48	
	2/5/99	H83	not encountered	48	
	2/9/99	H83	not encountered	48	
	2/4/99	H84	not encountered	48	
	2/5/99	H84	not encountered	48	
	2/8/99	H84	not encountered	48	
	2/5/99	H85	not encountered	48	

NTC ORLANDO, FLORIDA
HAND AUGER DATA
PHASES I, II, AND III

Phase	Date	Location	LF Depth (inches)	Total Depth (inches)	Comments
PHASE III	2/11/99	H85	not encountered	48	
	2/5/99	H86	not encountered	48	
	2/10/99	H86	not encountered	48	
	2/5/99	H87	not encountered	48	
	2/5/99	H88	not encountered	48	
	2/6/99	H89	12 ?	12	refusal (brick) road bed?
	2/6/99	H90	surface	30	refusal
	2/7/99	H91	surface	0	increased uR/hr
PHASE II	03/12-13/1998	S1		60	
	03/12-13/1998	S2		60	
	03/12-13/1998	S3		12	
	03/12-13/1998	S4		12	

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SURFACE SOIL SAMPLES

SAMPLE NUMBER	NTCSS10000	NTCSS10100	NTCSS10200	NTCSS10200-D	NTCSS10300
SAMPLE DATE	6/29/97	6/29/97	6/29/97	6/29/97	6/29/97
PARAMETER	RESULTS	RESULTS	RESULTS	RESULTS	RESULTS
VOLATILES					
1,1,1-TRICHLOROETHANE	5.3 U UG/KG	5.6 U UG/KG	5.8 U UG/KG	5.8 U UG/KG	5.5 UJ UG/KG
1,1,2,2-TETRACHLOROETHANE	5.3 U UG/KG	5.6 U UG/KG	5.8 U UG/KG	5.8 U UG/KG	5.5 U UG/KG
1,1,2-TRICHLOROETHANE	5.3 U UG/KG	5.6 U UG/KG	5.8 U UG/KG	5.8 U UG/KG	5.5 U UG/KG
1,1-DICHLOROETHANE	5.3 U UG/KG	5.6 U UG/KG	5.8 U UG/KG	5.8 U UG/KG	5.5 U UG/KG
1,1-DICHLOROETHENE	5.3 U UG/KG	5.6 U UG/KG	5.8 U UG/KG	5.8 U UG/KG	5.5 U UG/KG
1,2-DICHLOROETHANE	5.3 U UG/KG	5.6 U UG/KG	5.8 U UG/KG	5.8 U UG/KG	5.5 UJ UG/KG
1,2-DICHLOROPROPANE	5.3 U UG/KG	5.6 U UG/KG	5.8 U UG/KG	5.8 U UG/KG	5.5 U UG/KG
2-BUTANONE	11 UR UG/KG	11 U UG/KG	12 U UG/KG	12 U UG/KG	11 U UG/KG
2-HEXANONE	11 U UG/KG	11 U UG/KG	12 U UG/KG	12 U UG/KG	11 U UG/KG
4-METHYL-2-PENTANONE	11 U UG/KG	11 U UG/KG	12 U UG/KG	12 U UG/KG	11 U UG/KG
ACETONE	11 UR UG/KG	11 UR UG/KG	12 UR UG/KG	12 UR UG/KG	397 J UG/KG
BENZENE	5.3 U UG/KG	5.6 U UG/KG	5.8 U UG/KG	5.8 U UG/KG	5.5 U UG/KG
BROMODICHLOROMETHANE	5.3 U UG/KG	5.6 U UG/KG	5.8 U UG/KG	5.8 U UG/KG	5.5 UJ UG/KG
BROMOFORM	5.3 U UG/KG	5.6 U UG/KG	5.8 U UG/KG	5.8 U UG/KG	5.5 U UG/KG
BROMOMETHANE	11 U UG/KG	11 U UG/KG	12 U UG/KG	12 U UG/KG	11 U UG/KG
CARBON DISULFIDE	5.3 U UG/KG	5.6 U UG/KG	5.8 U UG/KG	5.8 U UG/KG	5.5 UJ UG/KG
CARBON TETRACHLORIDE	5.3 U UG/KG	5.6 U UG/KG	5.8 U UG/KG	5.8 U UG/KG	5.5 UJ UG/KG
CHLOROBENZENE	5.3 U UG/KG	5.6 U UG/KG	5.8 U UG/KG	5.8 U UG/KG	5.5 U UG/KG
CHLOROETHANE	5.3 U UG/KG	5.6 U UG/KG	5.8 U UG/KG	5.8 U UG/KG	5.5 U UG/KG
CHLOROFORM	5.3 U UG/KG	5.6 U UG/KG	5.8 U UG/KG	5.8 U UG/KG	5.5 U UG/KG
CHLOROMETHANE	11 U UG/KG	11 U UG/KG	12 U UG/KG	12 U UG/KG	11 U UG/KG
CIS-1,2-DICHLOROETHENE	5.3 U UG/KG	5.6 U UG/KG	5.8 U UG/KG	5.8 U UG/KG	5.5 U UG/KG
CIS-1,3-DICHLOROPROPENE	5.3 U UG/KG	5.6 U UG/KG	5.8 U UG/KG	5.8 U UG/KG	5.5 U UG/KG
DIBROMOCHLOROMETHANE	5.3 U UG/KG	5.6 U UG/KG	5.8 U UG/KG	5.8 U UG/KG	5.5 U UG/KG
ETHYLBENZENE	5.3 U UG/KG	5.6 U UG/KG	5.8 U UG/KG	5.8 U UG/KG	5.5 U UG/KG
METHYLENE CHLORIDE	5.3 U UG/KG	5.6 U UG/KG	5.8 U UG/KG	5.8 U UG/KG	5.5 U UG/KG
STYRENE	5.3 U UG/KG	5.6 U UG/KG	5.8 U UG/KG	5.8 U UG/KG	5.5 U UG/KG
TETRACHLOROETHENE	5.3 U UG/KG	5.6 U UG/KG	5.8 U UG/KG	5.8 U UG/KG	5.5 U UG/KG
TOLUENE	5.3 U UG/KG	5.6 U UG/KG	5.8 U UG/KG	5.8 U UG/KG	5.5 U UG/KG
TRANS-1,2-DICHLOROETHENE	5.3 U UG/KG	5.6 U UG/KG	5.8 U UG/KG	5.8 U UG/KG	5.5 U UG/KG
TRANS-1,3-DICHLOROPROPENE	5.3 U UG/KG	5.6 U UG/KG	5.8 U UG/KG	5.8 U UG/KG	5.5 U UG/KG
TRICHLOROETHENE	5.3 U UG/KG	5.6 U UG/KG	5.8 U UG/KG	5.8 U UG/KG	5.5 U UG/KG
VINYL CHLORIDE	5.3 U UG/KG	5.6 U UG/KG	5.8 U UG/KG	5.8 U UG/KG	5.5 U UG/KG
XYLENES, TOTAL	5.3 U UG/KG	5.6 U UG/KG	5.8 U UG/KG	5.8 U UG/KG	5.5 U UG/KG
SEMIVOLATILES					
1,2,4-TRICHLOROBENZENE	360 U UG/KG	360 U UG/KG	780 U UG/KG	380 U UG/KG	750 U UG/KG

SURFACE SOIL SAMPLES

SAMPLE NUMBER	NTCSS10000	NTCSS10100	NTCSS10200	NTCSS10200-D	NTCSS10300
SAMPLE DATE	6/29/97	6/29/97	6/29/97	6/29/97	6/29/97
PARAMETER	RESULTS	RESULTS	RESULTS	RESULTS	RESULTS
1,2-DICHLOROBENZENE	360 U UG/KG	360 U UG/KG	780 U UG/KG	380 U UG/KG	750 U UG/KG
1,3-DICHLOROBENZENE	360 U UG/KG	360 U UG/KG	780 U UG/KG	380 U UG/KG	750 U UG/KG
1,4-DICHLOROBENZENE	360 U UG/KG	360 U UG/KG	780 U UG/KG	380 U UG/KG	750 U UG/KG
2,4,5-TRICHLOROPHENOL	360 U UG/KG	360 U UG/KG	780 U UG/KG	380 U UG/KG	750 U UG/KG
2,4,6-TRICHLOROPHENOL	360 U UG/KG	360 U UG/KG	780 U UG/KG	380 U UG/KG	750 U UG/KG
2,4-DICHLOROPHENOL	360 U UG/KG	360 U UG/KG	780 U UG/KG	380 U UG/KG	750 U UG/KG
2,4-DIMETHYLPHENOL	900 U UG/KG	910 U UG/KG	2000 U UG/KG	940 U UG/KG	1900 U UG/KG
2,4-DINITROPHENOL	900 U UG/KG	910 U UG/KG	2000 U UG/KG	940 U UG/KG	1900 U UG/KG
2,4-DINITROTOLUENE	360 U UG/KG	360 U UG/KG	780 U UG/KG	380 U UG/KG	750 U UG/KG
2,6-DINITROTOLUENE	360 U UG/KG	360 U UG/KG	780 U UG/KG	380 U UG/KG	750 U UG/KG
2-CHLORONAPHTHALENE	360 U UG/KG	360 U UG/KG	780 U UG/KG	380 U UG/KG	750 U UG/KG
2-CHLOROPHENOL	360 U UG/KG	360 U UG/KG	780 U UG/KG	380 U UG/KG	750 U UG/KG
2-METHYLNAPHTHALENE	360 U UG/KG	360 U UG/KG	780 U UG/KG	380 U UG/KG	750 U UG/KG
2-METHYLPHENOL	360 U UG/KG	360 U UG/KG	780 U UG/KG	380 U UG/KG	750 U UG/KG
2-NITROANILINE	360 U UG/KG	360 U UG/KG	780 U UG/KG	380 U UG/KG	750 U UG/KG
2-NITROPHENOL	360 U UG/KG	360 U UG/KG	780 U UG/KG	380 U UG/KG	750 U UG/KG
3&4-METHYLPHENOL	360 U UG/KG	360 U UG/KG	780 U UG/KG	380 U UG/KG	750 U UG/KG
3,3'-DICHLOROBENZIDINE	900 UJ UG/KG	910 U UG/KG	2000 U UG/KG	940 UJ UG/KG	1900 U UG/KG
3-NITROANILINE	360 U UG/KG	360 U UG/KG	780 U UG/KG	380 U UG/KG	750 U UG/KG
4,6-DINITRO-2-METHYLPHENOL	360 U UG/KG	360 U UG/KG	780 U UG/KG	380 U UG/KG	750 U UG/KG
4-BROMOPHENYL PHENYL ETHER	360 U UG/KG	360 U UG/KG	780 U UG/KG	380 U UG/KG	750 U UG/KG
4-CHLORO-3-METHYLPHENOL	900 U UG/KG	910 U UG/KG	2000 U UG/KG	940 U UG/KG	1900 U UG/KG
4-CHLOROANILINE	360 U UG/KG	360 U UG/KG	780 U UG/KG	380 U UG/KG	750 U UG/KG
4-CHLOROPHENYL PHENYL ETHER	360 U UG/KG	360 U UG/KG	780 U UG/KG	380 U UG/KG	750 U UG/KG
4-NITROANILINE	360 U UG/KG	360 U UG/KG	780 U UG/KG	380 U UG/KG	750 U UG/KG
4-NITROPHENOL	900 U UG/KG	910 U UG/KG	2000 U UG/KG	940 U UG/KG	1900 U UG/KG
ACENAPHTHENE	360 U UG/KG	360 U UG/KG	780 U UG/KG	380 U UG/KG	750 U UG/KG
ACENAPHTHYLENE	360 U UG/KG	360 U UG/KG	780 U UG/KG	380 U UG/KG	750 U UG/KG
ANTHRACENE	360 U UG/KG	360 U UG/KG	780 U UG/KG	380 U UG/KG	339 UG/KG
BENZO(A)ANTHRACENE	360 UJ UG/KG	360 U UG/KG	1060 UG/KG	465 J UG/KG	1380 UG/KG
BENZO(A)PYRENE	90 U UG/KG	285 UG/KG	982 UG/KG	396 UG/KG	2360 J UG/KG
BENZO(B)FLUORANTHENE	360 U UG/KG	360 U UG/KG	829 UG/KG	380 U UG/KG	937 UG/KG
BENZO(G,H,I)PERYLENE	360 U UG/KG	360 U UG/KG	851 UG/KG	380 UG/KG	805 UG/KG
BENZO(K)FLUORANTHENE	360 U UG/KG	360 U UG/KG	680 UG/KG	380 U UG/KG	767 UG/KG
BIS(2-CHLOROETHOXY)METHANE	360 U UG/KG	360 U UG/KG	780 U UG/KG	380 U UG/KG	750 U UG/KG
BIS(2-CHLOROETHYL)ETHER	360 U UG/KG	360 U UG/KG	780 U UG/KG	380 U UG/KG	750 U UG/KG
BIS(2-CHLOROISOPROPYL) ETHER	360 U UG/KG	360 U UG/KG	780 U UG/KG	380 U UG/KG	750 U UG/KG

SAMPLE NUMBER	NTCSS10000	NTCSS10100	NTCSS10200	NTCSS10200-D	NTCSS10300
SAMPLE DATE	6/29/97	6/29/97	6/29/97	6/29/97	6/29/97
PARAMETER	RESULTS	RESULTS	RESULTS	RESULTS	RESULTS
BIS(2-ETHYLHEXYL)PHTHALATE	360 UJ UG/KG	360 U UG/KG	780 U UG/KG	380 UJ UG/KG	750 U UG/KG
BUTYLBENZYL PHTHALATE	360 UJ UG/KG	360 U UG/KG	780 U UG/KG	380 UJ UG/KG	750 U UG/KG
CARBAZOLE	360 U UG/KG	360 U UG/KG	780 U UG/KG	380 U UG/KG	750 U UG/KG
CHRYSENE	360 UJ UG/KG	360 U UG/KG	1080 UG/KG	486 J UG/KG	1160 UG/KG
DI-N-BUTYL PHTHALATE	360 U UG/KG	360 U UG/KG	780 U UG/KG	380 U UG/KG	750 U UG/KG
DI-N-OCTYL PHTHALATE	360 U UG/KG	360 U UG/KG	780 U UG/KG	380 U UG/KG	750 U UG/KG
DIBENZO(A,H)ANTHRACENE	90 U UG/KG	119 UG/KG	294 UG/KG	116 UG/KG	560 J UG/KG
DIBENZOFURAN	360 U UG/KG	360 U UG/KG	780 U UG/KG	380 U UG/KG	750 U UG/KG
DIETHYL PHTHALATE	360 U UG/KG	360 U UG/KG	780 U UG/KG	380 U UG/KG	750 U UG/KG
DIMETHYL PHTHALATE	360 U UG/KG	360 U UG/KG	780 U UG/KG	380 U UG/KG	750 U UG/KG
FLUORANTHENE	360 U UG/KG	513 UG/KG	1850 UG/KG	852 J UG/KG	3000 J UG/KG
FLUORENE	360 U UG/KG	360 U UG/KG	780 U UG/KG	380 U UG/KG	750 U UG/KG
HEXACHLOROBENZENE	360 U UG/KG	360 U UG/KG	780 U UG/KG	380 U UG/KG	750 U UG/KG
HEXACHLOROBUTADIENE	360 U UG/KG	360 U UG/KG	780 U UG/KG	380 U UG/KG	750 U UG/KG
HEXACHLOROCYCLOPENTADIENE	360 U UG/KG	360 U UG/KG	780 U UG/KG	380 U UG/KG	750 U UG/KG
HEXACHLOROETHANE	360 U UG/KG	360 U UG/KG	780 U UG/KG	380 U UG/KG	750 U UG/KG
INDENO(1,2,3-CD)PYRENE	360 U UG/KG	360 U UG/KG	797 UG/KG	380 U UG/KG	753 UG/KG
ISOPHORONE	360 U UG/KG	360 U UG/KG	780 U UG/KG	380 U UG/KG	750 U UG/KG
N-NITROSO-DI-N-PROPYLAMINE	18 U UG/KG	18 U UG/KG	39 U UG/KG	19 U UG/KG	75 U UG/KG
N-NITROSODIPHENYLAMINE	360 U UG/KG	360 U UG/KG	780 U UG/KG	380 U UG/KG	750 U UG/KG
NAPHTHALENE	360 U UG/KG	360 U UG/KG	780 U UG/KG	380 U UG/KG	750 U UG/KG
NITROBENZENE	360 U UG/KG	360 U UG/KG	780 U UG/KG	380 U UG/KG	750 U UG/KG
PHENANTHRENE	360 U UG/KG	360 U UG/KG	1420 UG/KG	456 UG/KG	1380 UG/KG
PHENOL	360 U UG/KG	360 U UG/KG	780 U UG/KG	380 U UG/KG	750 U UG/KG
PYRENE	360 UJ UG/KG	383 UG/KG	1370 UG/KG	589 J UG/KG	2080 J UG/KG
HERBICIDES					
2,4,5-T	1.4 U UG/KG	1.4 U UG/KG	1.5 U UG/KG	1.5 U UG/KG	1.4 U UG/KG
2,4,5-TP (SILVEX)	1.6 U UG/KG	1.7 U UG/KG	1.7 U UG/KG	1.7 U UG/KG	1.7 U UG/KG
2,4-D	7.4 U UG/KG	7.7 U UG/KG	8 U UG/KG	8 U UG/KG	7.7 U UG/KG
2,4-DB	4.2 U UG/KG	4.4 U UG/KG	4.6 U UG/KG	4.6 U UG/KG	4.4 U UG/KG
DALAPON	8.5 U UG/KG	8.8 U UG/KG	9.1 U UG/KG	9.1 U UG/KG	8.8 UR UG/KG
DICAMBA	4.2 U UG/KG	4.4 U UG/KG	4.6 U UG/KG	4.6 U UG/KG	4.4 U UG/KG
DICHLOROPROP	21 U UG/KG	22 U UG/KG	23 U UG/KG	23 U UG/KG	22 U UG/KG
DINOSEB	4.2 U UG/KG	4.4 U UG/KG	4.6 U UG/KG	4.6 U UG/KG	4.4 U UG/KG
MCPA	2100 U UG/KG	2200 U UG/KG	2300 U UG/KG	2300 U UG/KG	2200 UR UG/KG
MCPP	1100 U UG/KG	1100 U UG/KG	1100 U UG/KG	1100 U UG/KG	1100 UR UG/KG
PENTACHLOROPHENOL	2.1 U UG/KG	2.2 U UG/KG	2.3 U UG/KG	2.3 U UG/KG	2.2 U UG/KG

SURFACE SOIL SAMPLES

SAMPLE NUMBER	NTCSS10000	NTCSS10100	NTCSS10200	NTCSS10200-D	NTCSS10300
SAMPLE DATE	6/29/97	6/29/97	6/29/97	6/29/97	6/29/97
PARAMETER	RESULTS	RESULTS	RESULTS	RESULTS	RESULTS
PESTICIDES/PCBS					
4,4'-DDD	2.0 U UG/KG	2.0 U UG/KG	2.1 U UG/KG	2.0 U UG/KG	2.0 U UG/KG
4,4'-DDE	2.4 UG/KG	9.7 UG/KG	1.6 UG/KG	2.0 UG/KG	22 J UG/KG
4,4'-DDT	7.8 UG/KG	6.1 UG/KG	4.7 U UG/KG	4.6 U UG/KG	4.3 U UG/KG
ALDRIN	3.5 U UG/KG	3.5 U UG/KG	3.7 U UG/KG	3.6 U UG/KG	3.4 U UG/KG
ALPHA-BHC	0.78 U UG/KG	0.77 U UG/KG	0.82 U UG/KG	0.80 U UG/KG	0.76 U UG/KG
ALPHA-CHLORDANE	1.7 UG/KG	1.7 UG/KG	0.86 U UG/KG	0.84 U UG/KG	0.80 U UG/KG
AROCLOR-1016			21 U UG/KG	20 U UG/KG	
AROCLOR-1221			7.4 U UG/KG	7.2 U UG/KG	
AROCLOR-1232			16 U UG/KG	16 U UG/KG	
AROCLOR-1242			11 U UG/KG	11 U UG/KG	
AROCLOR-1248			8.6 U UG/KG	8.4 U UG/KG	
AROCLOR-1254			13 U UG/KG	12 U UG/KG	
AROCLOR-1260			18 U UG/KG	18 U UG/KG	
BETA-BHC	1.1 U UG/KG	1.1 U UG/KG	1.2 U UG/KG	1.1 U UG/KG	1.1 U UG/KG
DELTA-BHC	1.4 U UG/KG	1.4 U UG/KG	1.4 U UG/KG	1.4 U UG/KG	1.3 U UG/KG
DIELDRIN	0.96 U UG/KG	1.0 UG/KG	1.0 U UG/KG	0.99 U UG/KG	0.94 U UG/KG
ENDOSULFAN I	1.0 U UG/KG	0.99 U UG/KG	1.0 U UG/KG	1.0 U UG/KG	0.98 U UG/KG
ENDOSULFAN II	1.3 U UG/KG	1.2 U UG/KG	1.3 U UG/KG	1.3 U UG/KG	1.2 U UG/KG
ENDOSULFAN SULFATE	4.1 U UG/KG	4.0 U UG/KG	4.3 U UG/KG	4.2 U UG/KG	4.0 U UG/KG
ENDRIN	1.6 U UG/KG	1.6 U UG/KG	1.7 U UG/KG	1.6 U UG/KG	1.6 U UG/KG
ENDRIN ALDEHYDE	1.5 U UG/KG	1.5 U UG/KG	1.6 U UG/KG	1.5 U UG/KG	1.4 U UG/KG
ENDRIN KETONE	7.4 U UG/KG	7.4 U UG/KG	7.8 U UG/KG	7.6 U UG/KG	19 J UG/KG
GAMMA-BHC (LINDANE)	0.82 U UG/KG	0.81 U UG/KG	0.86 U UG/KG	0.84 U UG/KG	0.80 U UG/KG
GAMMA-CHLORDANE	1.9 UG/KG	2.2 UG/KG	0.97 U UG/KG	0.95 U UG/KG	0.90 U UG/KG
HEPTACHLOR	0.96 U UG/KG	1.2 UG/KG	1.0 U UG/KG	0.99 U UG/KG	0.94 U UG/KG
HEPTACHLOR EPOXIDE	1.0 U UG/KG	0.99 U UG/KG	1.0 U UG/KG	1.0 U UG/KG	0.98 U UG/KG
METHOXYCHLOR	6.7 U UG/KG	6.6 U UG/KG	7.0 U UG/KG	6.8 U UG/KG	6.5 U UG/KG
TOXAPHENE	74 U UG/KG	74 U UG/KG	78 U UG/KG	76 U UG/KG	72 U UG/KG
PETROLEUM HYDROCARBONS					
DIESEL RANGE ORGANICS	7.45 J MG/KG	9.1 U MG/KG	24.3 MG/KG	52.5 MG/KG	66.8 MG/KG
GASOLINE RANGE ORGANICS	0.11 U MG/KG	0.11 U MG/KG	0.12 U MG/KG	0.11 UJ MG/KG	0.11 U MG/KG
MISC					
CATION EX. CAPACITY		2540 MG/KG			
TOTAL ORGANIC CARBON		16100 MG/KG			
METALS					
ALUMINUM	3680 MG/KG	2040 MG/KG	2070 MG/KG	1360 MG/KG	1410 MG/KG

SURFACE SOIL SAMPLES

SAMPLE NUMBER	NTCSS10000	NTCSS10100	NTCSS10200	NTCSS10200-D	NTCSS10300
SAMPLE DATE	6/29/97	6/29/97	6/29/97	6/29/97	6/29/97
PARAMETER	RESULTS	RESULTS	RESULTS	RESULTS	RESULTS
ANTIMONY	0.29 U MG/KG	0.30 U MG/KG	0.31 U MG/KG	0.31 U MG/KG	0.30 U MG/KG
ARSENIC	0.51 MG/KG	1.3 MG/KG	1.2 MG/KG	0.86 MG/KG	0.87 MG/KG
BARIUM	14.0 MG/KG	9.6 MG/KG	13.6 MG/KG	8.0 MG/KG	4.4 MG/KG
BERYLLIUM	0.06 U MG/KG	0.05 U MG/KG	0.06 U MG/KG	0.02 U MG/KG	0.05 U MG/KG
CADMIUM	0.05 U MG/KG	0.06 U MG/KG	0.10 U MG/KG	0.08 MG/KG	0.06 U MG/KG
CALCIUM	1020 MG/KG	1110 MG/KG	860 MG/KG	686 MG/KG	1050 J MG/KG
CHROMIUM	4.3 MG/KG	3.8 MG/KG	3.7 MG/KG	2.4 MG/KG	2.1 MG/KG
COBALT	0.18 U MG/KG	0.19 U MG/KG	0.20 U MG/KG	0.20 U MG/KG	0.19 U MG/KG
COPPER	1.6 MG/KG	2.3 MG/KG	6.8 MG/KG	5.0 MG/KG	2.5 MG/KG
CYANIDE	1.1 UR MG/KG	1.1 UR MG/KG	1.17 U MG/KG	1.13 U MG/KG	1.1 UJ MG/KG
IRON	335 MG/KG	294 MG/KG	616 J MG/KG	321 J MG/KG	346 J MG/KG
LEAD	6.5 MG/KG	9.4 MG/KG	4.9 MG/KG	4.1 MG/KG	4.4 J MG/KG
MAGNESIUM	112 MG/KG	84.1 MG/KG	107 MG/KG	65.9 MG/KG	63.3 MG/KG
MANGANESE	2.9 MG/KG	3.9 MG/KG	3.5 MG/KG	2.4 MG/KG	4.0 MG/KG
MERCURY	0.09 U MG/KG	0.09 MG/KG	0.10 MG/KG	0.09 U MG/KG	0.09 U MG/KG
NICKEL	0.91 MG/KG	0.95 MG/KG	1.0 MG/KG	0.60 MG/KG	0.49 MG/KG
POTASSIUM	39.6 MG/KG	35.4 MG/KG	46.3 MG/KG	30.7 MG/KG	18.1 MG/KG
SELENIUM	0.39 U MG/KG	0.41 U MG/KG	0.42 U MG/KG	0.48 MG/KG	0.41 U MG/KG
SILVER	0.21 U MG/KG	0.26 MG/KG	0.79 MG/KG	0.83 MG/KG	0.22 U MG/KG
SODIUM	87.9 U MG/KG	91.5 U MG/KG	94.6 U MG/KG	94.9 U MG/KG	90.9 U MG/KG
THALLIUM	0.43 U MG/KG	0.44 U MG/KG	0.46 U MG/KG	0.46 U MG/KG	0.44 U MG/KG
VANADIUM	2.3 MG/KG	1.3 MG/KG	2.1 MG/KG	1.2 MG/KG	0.96 MG/KG
ZINC	5.8 MG/KG	9.0 MG/KG	6.4 MG/KG	6.6 MG/KG	4.4 MG/KG
RADIOLOGICAL					
GROSS ALPHA	2.74 +/- 0.369 PCI/G	0.170 +/- 0.060 PCI/G	1.14 +/- 0.166 PCI/G	0.905 +/- 0.139 PCI/G	0.933 +/- 0.139 PCI/G
GROSS BETA	1.21 +/- 0.159 PCI/G	0.089 +/- 0.061 U PCI/G	0.573 +/- 0.098 PCI/G	0.479 +/- 0.089 PCI/G	0.485 +/- 0.090 J PCI/G

SAMPLE NUMBER	NTCSS10400	NTCSS10500	NTCSS10800	NTCSS10900	NTCSS11000
SAMPLE DATE	6/29/97	6/29/97	6/29/97	6/29/97	6/29/97
PARAMETER	RESULTS	RESULTS	RESULTS	RESULTS	RESULTS
VOLATILES					
1,1,1-TRICHLOROETHANE	5.8 UJ UG/KG	370 U UG/KG	5.4 U UG/KG	6.2 U UG/KG	5.6 U UG/KG
1,1,2,2-TETRACHLOROETHANE	5.8 U UG/KG	370 U UG/KG	5.4 U UG/KG	6.2 U UG/KG	5.6 U UG/KG
1,1,2-TRICHLOROETHANE	5.8 U UG/KG	370 U UG/KG	5.4 U UG/KG	6.2 U UG/KG	5.6 U UG/KG
1,1-DICHLOROETHANE	5.8 U UG/KG	370 U UG/KG	5.4 U UG/KG	6.2 U UG/KG	5.6 U UG/KG
1,1-DICHLOROETHENE	5.8 U UG/KG	370 U UG/KG	5.4 U UG/KG	6.2 U UG/KG	5.6 U UG/KG
1,2-DICHLOROETHANE	5.8 UJ UG/KG	370 U UG/KG	5.4 U UG/KG	6.2 U UG/KG	5.6 U UG/KG
1,2-DICHLOROPROPANE	5.8 U UG/KG	370 U UG/KG	5.4 U UG/KG	6.2 U UG/KG	5.6 U UG/KG
2-BUTANONE	12 U UG/KG	740 U UG/KG	11 UR UG/KG	12 UR UG/KG	11 U UG/KG
2-HEXANONE	12 U UG/KG	740 U UG/KG	11 U UG/KG	12 U UG/KG	11 U UG/KG
4-METHYL-2-PENTANONE	12 U UG/KG	740 U UG/KG	11 U UG/KG	12 U UG/KG	11 U UG/KG
ACETONE	123 J UG/KG	17000 UG/KG	11 UR UG/KG	12 UR UG/KG	11 UR UG/KG
BENZENE	5.8 U UG/KG	370 U UG/KG	5.4 U UG/KG	6.2 U UG/KG	5.6 U UG/KG
BROMODICHLOROMETHANE	5.8 UJ UG/KG	370 U UG/KG	5.4 U UG/KG	6.2 U UG/KG	5.6 U UG/KG
BROMOFORM	5.8 U UG/KG	370 U UG/KG	5.4 U UG/KG	6.2 U UG/KG	5.6 U UG/KG
BROMOMETHANE	12 U UG/KG	740 U UG/KG	11 U UG/KG	12 U UG/KG	11 U UG/KG
CARBON DISULFIDE	5.8 UJ UG/KG	370 U UG/KG	5.4 UJ UG/KG	6.2 UJ UG/KG	5.6 U UG/KG
CARBON TETRACHLORIDE	5.8 UJ UG/KG	370 U UG/KG	5.4 UJ UG/KG	6.2 UJ UG/KG	5.6 U UG/KG
CHLOROBENZENE	5.8 U UG/KG	370 U UG/KG	5.4 U UG/KG	6.2 U UG/KG	5.6 U UG/KG
CHLOROETHANE	5.8 U UG/KG	370 U UG/KG	5.4 U UG/KG	6.2 U UG/KG	5.6 U UG/KG
CHLOROFORM	5.8 U UG/KG	370 U UG/KG	5.4 U UG/KG	6.2 U UG/KG	5.6 U UG/KG
CHLOROMETHANE	12 U UG/KG	740 U UG/KG	11 U UG/KG	12 U UG/KG	11 U UG/KG
CIS-1,2-DICHLOROETHENE	5.8 U UG/KG	370 U UG/KG	5.4 U UG/KG	6.2 U UG/KG	5.6 U UG/KG
CIS-1,3-DICHLOROPROPENE	5.8 U UG/KG	370 U UG/KG	5.4 U UG/KG	6.2 U UG/KG	5.6 U UG/KG
DIBROMOCHLOROMETHANE	5.8 UJ UG/KG	370 U UG/KG	5.4 U UG/KG	6.2 U UG/KG	5.6 U UG/KG
ETHYLBENZENE	5.8 U UG/KG	370 U UG/KG	5.4 U UG/KG	6.2 U UG/KG	5.6 U UG/KG
METHYLENE CHLORIDE	5.8 U UG/KG	370 U UG/KG	5.4 U UG/KG	6.2 U UG/KG	5.6 U UG/KG
STYRENE	5.8 U UG/KG	370 U UG/KG	5.4 U UG/KG	6.2 U UG/KG	5.6 U UG/KG
TETRACHLOROETHENE	5.8 U UG/KG	370 U UG/KG	5.4 U UG/KG	6.2 U UG/KG	5.6 U UG/KG
TOLUENE	5.8 U UG/KG	370 U UG/KG	5.4 U UG/KG	6.2 U UG/KG	5.6 U UG/KG
TRANS-1,2-DICHLOROETHENE	5.8 U UG/KG	370 U UG/KG	5.4 U UG/KG	6.2 U UG/KG	5.6 U UG/KG
TRANS-1,3-DICHLOROPROPENE	5.8 U UG/KG	370 U UG/KG	5.4 U UG/KG	6.2 U UG/KG	5.6 U UG/KG
TRICHLOROETHENE	5.8 U UG/KG	370 U UG/KG	5.4 U UG/KG	6.2 U UG/KG	5.6 U UG/KG
VINYL CHLORIDE	5.8 U UG/KG	370 U UG/KG	5.4 U UG/KG	6.2 U UG/KG	5.6 U UG/KG
XYLENES, TOTAL	5.8 U UG/KG	370 U UG/KG	5.4 U UG/KG	6.2 U UG/KG	5.6 U UG/KG
SEMIVOLATILES					
1,2,4-TRICHLOROBENZENE	370 U UG/KG	370 U UG/KG	380 U UG/KG	390 UJ UG/KG	380 U UG/KG

SAMPLE NUMBER	NTCSS10400	NTCSS10500	NTCSS10800	NTCSS10900	NTCSS11000
SAMPLE DATE	6/29/97	6/29/97	6/29/97	6/29/97	6/29/97
PARAMETER	RESULTS	RESULTS	RESULTS	RESULTS	RESULTS
1,2-DICHLOROBENZENE	370 U UG/KG	370 U UG/KG	380 U UG/KG	390 UJ UG/KG	380 U UG/KG
1,3-DICHLOROBENZENE	370 U UG/KG	370 U UG/KG	380 U UG/KG	390 UJ UG/KG	380 U UG/KG
1,4-DICHLOROBENZENE	370 U UG/KG	370 U UG/KG	380 U UG/KG	390 UJ UG/KG	380 U UG/KG
2,4,5-TRICHLOROPHENOL	370 U UG/KG	370 U UG/KG	380 U UG/KG	390 UJ UG/KG	380 U UG/KG
2,4,6-TRICHLOROPHENOL	370 U UG/KG	370 U UG/KG	380 U UG/KG	390 UJ UG/KG	380 U UG/KG
2,4-DICHLOROPHENOL	370 U UG/KG	370 U UG/KG	380 U UG/KG	390 UJ UG/KG	380 U UG/KG
2,4-DIMETHYLPHENOL	930 U UG/KG	940 U UG/KG	960 U UG/KG	960 UJ UG/KG	960 U UG/KG
2,4-DINITROPHENOL	930 U UG/KG	940 U UG/KG	960 U UG/KG	960 UJ UG/KG	960 U UG/KG
2,4-DINITROTOLUENE	370 U UG/KG	370 U UG/KG	380 U UG/KG	390 UJ UG/KG	380 U UG/KG
2,6-DINITROTOLUENE	370 U UG/KG	370 U UG/KG	380 U UG/KG	390 UJ UG/KG	380 U UG/KG
2-CHLORONAPHTHALENE	370 U UG/KG	370 U UG/KG	380 U UG/KG	390 UJ UG/KG	380 U UG/KG
2-CHLOROPHENOL	370 U UG/KG	370 U UG/KG	380 U UG/KG	390 UJ UG/KG	380 U UG/KG
2-METHYLNAPHTHALENE	370 U UG/KG	370 U UG/KG	380 U UG/KG	390 UJ UG/KG	380 U UG/KG
2-METHYLPHENOL	370 U UG/KG	370 U UG/KG	380 U UG/KG	390 UJ UG/KG	380 U UG/KG
2-NITROANILINE	370 U UG/KG	370 U UG/KG	380 U UG/KG	390 UJ UG/KG	380 U UG/KG
2-NITROPHENOL	370 U UG/KG	370 U UG/KG	380 U UG/KG	390 UJ UG/KG	380 U UG/KG
3&4-METHYLPHENOL	370 U UG/KG	370 U UG/KG	380 U UG/KG	390 UJ UG/KG	380 U UG/KG
3,3'-DICHLOROBENZIDINE	930 U UG/KG	940 U UG/KG	960 U UG/KG	960 UJ UG/KG	960 UJ UG/KG
3-NITROANILINE	370 U UG/KG	370 U UG/KG	380 U UG/KG	390 UJ UG/KG	380 U UG/KG
4,6-DINITRO-2-METHYLPHENOL	370 U UG/KG	370 U UG/KG	380 U UG/KG	390 UJ UG/KG	380 U UG/KG
4-BROMOPHENYL PHENYL ETHER	370 U UG/KG	370 U UG/KG	380 U UG/KG	390 UJ UG/KG	380 U UG/KG
4-CHLORO-3-METHYLPHENOL	930 U UG/KG	940 U UG/KG	960 U UG/KG	960 UJ UG/KG	960 U UG/KG
4-CHLOROANILINE	370 U UG/KG	370 U UG/KG	380 U UG/KG	390 UJ UG/KG	380 U UG/KG
4-CHLOROPHENYL PHENYL ETHER	370 U UG/KG	370 U UG/KG	380 U UG/KG	390 UJ UG/KG	380 U UG/KG
4-NITROANILINE	370 U UG/KG	370 U UG/KG	380 U UG/KG	390 UJ UG/KG	380 U UG/KG
4-NITROPHENOL	930 U UG/KG	940 U UG/KG	960 U UG/KG	960 UJ UG/KG	960 U UG/KG
ACENAPHTHENE	370 U UG/KG	370 U UG/KG	380 U UG/KG	390 UJ UG/KG	380 U UG/KG
ACENAPHTHYLENE	370 U UG/KG	370 U UG/KG	380 U UG/KG	390 UJ UG/KG	380 U UG/KG
ANTHRACENE	370 U UG/KG	370 U UG/KG	380 U UG/KG	390 UJ UG/KG	380 U UG/KG
BENZO(A)ANTHRACENE	370 U UG/KG	370 U UG/KG	380 U UG/KG	390 UJ UG/KG	380 UJ UG/KG
BENZO(A)PYRENE	93 UJ UG/KG	94 UJ UG/KG	96 UJ UG/KG	96 UJ UG/KG	96 U UG/KG
BENZO(B)FLUORANTHENE	370 U UG/KG	370 U UG/KG	380 U UG/KG	390 UJ UG/KG	380 U UG/KG
BENZO(G,H,I)PERYLENE	370 U UG/KG	370 U UG/KG	380 U UG/KG	390 UJ UG/KG	380 U UG/KG
BENZO(K)FLUORANTHENE	370 U UG/KG	370 U UG/KG	380 U UG/KG	390 UJ UG/KG	380 U UG/KG
BIS(2-CHLOROETHOXY)METHANE	370 U UG/KG	370 U UG/KG	380 U UG/KG	390 UJ UG/KG	380 U UG/KG
BIS(2-CHLOROETHYL)ETHER	370 U UG/KG	370 U UG/KG	380 U UG/KG	390 UJ UG/KG	380 U UG/KG
BIS(2-CHLOROISOPROPYL) ETHER	370 U UG/KG	370 U UG/KG	380 U UG/KG	390 UJ UG/KG	380 U UG/KG

SAMPLE NUMBER	NTCSS10400	NTCSS10500	NTCSS10800	NTCSS10900	NTCSS11000
SAMPLE DATE	6/29/97	6/29/97	6/29/97	6/29/97	6/29/97
PARAMETER	RESULTS	RESULTS	RESULTS	RESULTS	RESULTS
BIS(2-ETHYLHEXYL)PHTHALATE	370 U UG/KG	370 U UG/KG	380 U UG/KG	390 UJ UG/KG	380 UJ UG/KG
BUTYLBENZYL PHTHALATE	370 U UG/KG	370 U UG/KG	380 U UG/KG	390 UJ UG/KG	380 UJ UG/KG
CARBAZOLE	370 U UG/KG	370 U UG/KG	380 U UG/KG	390 UJ UG/KG	380 U UG/KG
CHRYSENE	370 U UG/KG	370 U UG/KG	380 U UG/KG	390 UJ UG/KG	380 UJ UG/KG
DI-N-BUTYL PHTHALATE	370 U UG/KG	370 U UG/KG	380 U UG/KG	390 UJ UG/KG	380 U UG/KG
DI-N-OCTYL PHTHALATE	370 U UG/KG	370 U UG/KG	380 U UG/KG	390 UJ UG/KG	380 U UG/KG
DIBENZO(A,H)ANTHRACENE	93 UJ UG/KG	94 UJ UG/KG	96 UJ UG/KG	96 UJ UG/KG	96 U UG/KG
DIBENZOFURAN	370 U UG/KG	370 U UG/KG	380 U UG/KG	390 UJ UG/KG	380 U UG/KG
DIETHYL PHTHALATE	370 U UG/KG	370 U UG/KG	380 U UG/KG	390 UJ UG/KG	380 U UG/KG
DIMETHYL PHTHALATE	370 U UG/KG	370 U UG/KG	380 U UG/KG	390 UJ UG/KG	380 U UG/KG
FLUORANTHENE	370 U UG/KG	370 U UG/KG	380 U UG/KG	390 UJ UG/KG	380 U UG/KG
FLUORENE	370 U UG/KG	370 U UG/KG	380 U UG/KG	390 UJ UG/KG	380 U UG/KG
HEXACHLOROBENZENE	370 U UG/KG	370 U UG/KG	380 U UG/KG	390 UJ UG/KG	380 U UG/KG
HEXACHLOROBUTADIENE	370 U UG/KG	370 U UG/KG	380 U UG/KG	390 UJ UG/KG	380 U UG/KG
HEXACHLOROCYCLOPENTADIENE	370 U UG/KG	370 U UG/KG	380 U UG/KG	390 UJ UG/KG	380 U UG/KG
HEXACHLOROETHANE	370 U UG/KG	370 U UG/KG	380 U UG/KG	390 UJ UG/KG	380 U UG/KG
INDENO(1,2,3-CD)PYRENE	370 U UG/KG	370 U UG/KG	380 U UG/KG	390 UJ UG/KG	380 U UG/KG
ISOPHORONE	370 U UG/KG	370 U UG/KG	380 U UG/KG	390 UJ UG/KG	380 U UG/KG
N-NITROSO-DI-N-PROPYLAMINE	18 U UG/KG	19 U UG/KG	19 U UG/KG	19 UJ UG/KG	19 U UG/KG
N-NITROSODIPHENYLAMINE	370 U UG/KG	370 U UG/KG	380 U UG/KG	390 UJ UG/KG	380 U UG/KG
NAPHTHALENE	370 U UG/KG	370 U UG/KG	380 U UG/KG	390 UJ UG/KG	380 U UG/KG
NITROBENZENE	370 U UG/KG	370 U UG/KG	380 U UG/KG	390 UJ UG/KG	380 U UG/KG
PHENANTHRENE	370 U UG/KG	370 U UG/KG	380 U UG/KG	390 UJ UG/KG	380 U UG/KG
PHENOL	370 U UG/KG	370 U UG/KG	380 U UG/KG	390 UJ UG/KG	380 U UG/KG
PYRENE	370 U UG/KG	370 U UG/KG	380 U UG/KG	390 UJ UG/KG	380 UJ UG/KG
HERBICIDES					
2,4,5-T	1.5 U UG/KG	1.6 U UG/KG	1.4 U UG/KG	1.6 U UG/KG	1.4 U UG/KG
2,4,5-TP (SILVEX)	1.7 U UG/KG	1.8 U UG/KG	1.7 U UG/KG	1.9 U UG/KG	1.7 U UG/KG
2,4-D	8 U UG/KG	8.4 U UG/KG	7.7 U UG/KG	8.8 U UG/KG	7.7 U UG/KG
2,4-DB	4.6 U UG/KG	4.8 U UG/KG	4.4 U UG/KG	5 U UG/KG	4.4 U UG/KG
DALAPON	9.2 UR UG/KG	9.6 UR UG/KG	8.8 UR UG/KG	10 UR UG/KG	8.8 U UG/KG
DICAMBA	4.6 U UG/KG	4.8 U UG/KG	4.4 U UG/KG	5 U UG/KG	4.4 U UG/KG
DICHLOROPROP	23 U UG/KG	24 U UG/KG	22 U UG/KG	25 U UG/KG	22 U UG/KG
DINOSEB	4.6 U UG/KG	4.8 U UG/KG	4.4 U UG/KG	5 U UG/KG	4.4 U UG/KG
MCPA	2300 UR UG/KG	2400 UR UG/KG	2200 UR UG/KG	2500 UR UG/KG	2200 U UG/KG
MCPP	1200 UR UG/KG	1200 UR UG/KG	1100 UR UG/KG	1200 UR UG/KG	1100 U UG/KG
PENTACHLOROPHENOL	2.3 U UG/KG	2.4 U UG/KG	2.2 U UG/KG	2.5 U UG/KG	2.2 U UG/KG

SURFACE SOIL SAMPLES

SAMPLE NUMBER	NTCSS10400	NTCSS10500	NTCSS10800	NTCSS10900	NTCSS11000
SAMPLE DATE	6/29/97	6/29/97	6/29/97	6/29/97	6/29/97
PARAMETER	RESULTS	RESULTS	RESULTS	RESULTS	RESULTS
PESTICIDES/PCBS					
4,4'-DDD	2.1 U UG/KG	2.1 U UG/KG	1.9 U UG/KG	2.2 U UG/KG	2.0 U UG/KG
4,4'-DDE	1.0 U UG/KG	1.0 U UG/KG	0.93 U UG/KG	1.1 U UG/KG	0.95 U UG/KG
4,4'-DDT	4.6 U UG/KG	4.7 U UG/KG	4.3 U UG/KG	5.0 U UG/KG	4.4 U UG/KG
ALDRIN	3.6 U UG/KG	3.7 U UG/KG	3.4 U UG/KG	4.0 U UG/KG	3.5 U UG/KG
ALPHA-BHC	0.80 U UG/KG	0.82 U UG/KG	0.75 U UG/KG	0.87 U UG/KG	0.77 U UG/KG
ALPHA-CHLORDANE	0.84 U UG/KG	0.86 U UG/KG	0.79 U UG/KG	0.92 U UG/KG	0.80 U UG/KG
AROCLOR-1016					
AROCLOR-1221					
AROCLOR-1232					
AROCLOR-1242					
AROCLOR-1248					
AROCLOR-1254					
AROCLOR-1260					
BETA-BHC	1.1 U UG/KG	1.2 U UG/KG	1.1 U UG/KG	1.2 U UG/KG	1.1 U UG/KG
DELTA-BHC	1.4 U UG/KG	1.4 U UG/KG	1.3 U UG/KG	1.5 U UG/KG	1.4 U UG/KG
DIELDRIN	1.0 U UG/KG	1.0 U UG/KG	0.93 U UG/KG	1.1 U UG/KG	0.95 U UG/KG
ENDOSULFAN I	1.0 U UG/KG	1.1 U UG/KG	0.97 U UG/KG	1.1 U UG/KG	0.99 U UG/KG
ENDOSULFAN II	1.3 U UG/KG	1.3 U UG/KG	1.2 U UG/KG	1.4 U UG/KG	1.2 U UG/KG
ENDOSULFAN SULFATE	4.2 U UG/KG	4.3 U UG/KG	3.9 U UG/KG	4.6 U UG/KG	4.0 U UG/KG
ENDRIN	1.6 U UG/KG	1.7 U UG/KG	1.5 U UG/KG	1.8 U UG/KG	1.6 U UG/KG
ENDRIN ALDEHYDE	1.5 U UG/KG	1.6 U UG/KG	1.4 U UG/KG	1.7 U UG/KG	1.5 U UG/KG
ENDRIN KETONE	7.7 U UG/KG	7.9 U UG/KG	7.2 U UG/KG	8.3 U UG/KG	7.3 U UG/KG
GAMMA-BHC (LINDANE)	0.84 U UG/KG	0.86 U UG/KG	0.79 U UG/KG	0.92 U UG/KG	0.80 U UG/KG
GAMMA-CHLORDANE	0.96 U UG/KG	0.98 U UG/KG	0.90 U UG/KG	1.0 U UG/KG	0.92 U UG/KG
HEPTACHLOR	1.0 U UG/KG	1.0 U UG/KG	0.93 U UG/KG	1.1 U UG/KG	0.95 U UG/KG
HEPTACHLOR EPOXIDE	1.0 U UG/KG	1.1 U UG/KG	0.97 U UG/KG	1.1 U UG/KG	0.99 U UG/KG
METHOXYCHLOR	6.9 U UG/KG	7.1 U UG/KG	6.4 U UG/KG	7.5 U UG/KG	6.6 U UG/KG
TOXAPHENE	77 U UG/KG	79 U UG/KG	72 U UG/KG	83 U UG/KG	73 U UG/KG
PETROLEUM HYDROCARBONS					
DIESEL RANGE ORGANICS	38.1 MG/KG	9.3 U MG/KG	9.6 U MG/KG	9.6 U MG/KG	9.6 U MG/KG
GASOLINE RANGE ORGANICS	0.11 U MG/KG	0.11 U MG/KG	0.12 U MG/KG	0.12 U MG/KG	0.12 U MG/KG
MISC					
CATION EX. CAPACITY	1640 MG/KG				
TOTAL ORGANIC CARBON	7080 J MG/KG				
METALS					
ALUMINUM	2890 MG/KG	2680 MG/KG	2410 MG/KG	980 MG/KG	4980 MG/KG

SURFACE SOIL SAMPLES

SAMPLE NUMBER	NTCSS10400	NTCSS10500	NTCSS10800	NTCSS10900	NTCSS11000
SAMPLE DATE	6/29/97	6/29/97	6/29/97	6/29/97	6/29/97
PARAMETER	RESULTS	RESULTS	RESULTS	RESULTS	RESULTS
ANTIMONY	0.31 U MG/KG	0.32 U MG/KG	0.29 U MG/KG	0.34 U MG/KG	0.30 U MG/KG
ARSENIC	0.52 U MG/KG	3.2 MG/KG	2.5 MG/KG	0.56 U MG/KG	3.2 MG/KG
BARIUM	1.9 MG/KG	2.7 MG/KG	3.6 MG/KG	3.0 MG/KG	21.5 MG/KG
BERYLLIUM	0.06 U MG/KG	0.07 U MG/KG	0.07 U MG/KG	0.04 U MG/KG	0.07 U MG/KG
CADMIUM	0.06 U MG/KG	0.06 U MG/KG	0.05 U MG/KG	0.06 U MG/KG	0.06 U MG/KG
CALCIUM	214 J MG/KG	822 J MG/KG	518 J MG/KG	718 J MG/KG	1850 MG/KG
CHROMIUM	3.1 MG/KG	3.4 MG/KG	3.0 MG/KG	3.5 MG/KG	6.4 MG/KG
COBALT	0.20 U MG/KG	0.20 U MG/KG	0.18 U MG/KG	0.21 U MG/KG	0.19 U MG/KG
COPPER	1.1 U MG/KG	1.5 U MG/KG	1.1 U MG/KG	1.6 U MG/KG	1.9 MG/KG
CYANIDE	1.1 UJ MG/KG	1.1 UJ MG/KG	1.2 UJ MG/KG	1.2 UJ MG/KG	1.2 UR MG/KG
IRON	330 J MG/KG	323 J MG/KG	282 J MG/KG	313 J MG/KG	398 MG/KG
LEAD	2.6 J MG/KG	2.3 J MG/KG	1.7 J MG/KG	2.5 J MG/KG	5.2 MG/KG
MAGNESIUM	27.6 MG/KG	62.1 MG/KG	47.2 MG/KG	59.8 MG/KG	188 MG/KG
MANGANESE	1.1 MG/KG	4.6 MG/KG	2.2 MG/KG	3.5 MG/KG	7.1 MG/KG
MERCURY	0.09 U MG/KG	0.09 U MG/KG	0.09 U MG/KG	0.10 U MG/KG	0.09 U MG/KG
NICKEL	0.81 MG/KG	0.70 MG/KG	0.72 MG/KG	0.25 U MG/KG	0.93 MG/KG
POTASSIUM	12.8 MG/KG	27.7 MG/KG	43.3 MG/KG	25.3 MG/KG	66.9 MG/KG
SELENIUM	0.43 U MG/KG	0.44 U MG/KG	0.40 U MG/KG	0.53 MG/KG	0.41 U MG/KG
SILVER	0.23 U MG/KG	0.24 U MG/KG	0.22 U MG/KG	0.25 U MG/KG	0.22 U MG/KG
SODIUM	95.2 U MG/KG	97.6 U MG/KG	89.2 U MG/KG	104 U MG/KG	91.7 U MG/KG
THALLIUM	0.46 U MG/KG	0.47 U MG/KG	0.43 U MG/KG	0.50 U MG/KG	0.44 U MG/KG
VANADIUM	1.8 MG/KG	1.9 MG/KG	1.8 MG/KG	0.87 MG/KG	2.8 MG/KG
ZINC	0.98 U MG/KG	2.6 U MG/KG	1.3 U MG/KG	2.5 U MG/KG	4.2 U MG/KG
RADIOLOGICAL					
GROSS ALPHA	1.60 +/- 0.215 PCI/G	0.937 +/- 0.146 PCI/G	0.903 +/- 0.138 PCI/G	0.584 +/- 0.101 PCI/G	2.65 +/- 0.389 PCI/G
GROSS BETA	0.640 +/- 0.102 J PCI/G	0.339 +/- 0.085 J PCI/G	0.586 +/- 0.099 J PCI/G	0.335 +/- 0.080 J PCI/G	1.31 +/- 0.217 PCI/G

SAMPLE NUMBER	NTCSS11100	NTCSS11200	NTCSS11300	NTCSS11400	NTCSS11500	NTCSS11600
SAMPLE DATE	6/29/97	6/29/97	6/29/97	6/29/97	6/29/97	6/29/97
PARAMETER	RESULTS	RESULTS	RESULTS	RESULTS	RESULTS	RESULTS
VOLATILES						
1,1,1-TRICHLOROETHANE	5.6 U UG/KG	5.7 U UG/KG	5.6 U UG/KG	1400 U UG/KG	5.4 U UG/KG	1400 U UG/KG
1,1,2,2-TETRACHLOROETHANE	5.6 UJ UG/KG	5.7 U UG/KG	5.6 U UG/KG	1400 U UG/KG	5.4 U UG/KG	1400 U UG/KG
1,1,2-TRICHLOROETHANE	5.6 U UG/KG	5.7 U UG/KG	5.6 U UG/KG	1400 U UG/KG	5.4 U UG/KG	1400 U UG/KG
1,1-DICHLOROETHANE	5.6 U UG/KG	5.7 U UG/KG	5.6 U UG/KG	1400 U UG/KG	5.4 U UG/KG	1400 U UG/KG
1,1-DICHLOROETHENE	5.6 U UG/KG	5.7 U UG/KG	5.6 U UG/KG	1400 U UG/KG	5.4 U UG/KG	1400 U UG/KG
1,2-DICHLOROETHANE	5.6 U UG/KG	5.7 U UG/KG	5.6 U UG/KG	1400 U UG/KG	5.4 U UG/KG	1400 U UG/KG
1,2-DICHLOROPROPANE	5.6 U UG/KG	5.7 U UG/KG	5.6 U UG/KG	1400 U UG/KG	5.4 U UG/KG	1400 U UG/KG
2-BUTANONE	11 U UG/KG	11 U UG/KG	11 U UG/KG	2700 U UG/KG	11 U UG/KG	2800 U UG/KG
2-HEXANONE	11 U UG/KG	11 U UG/KG	11 U UG/KG	2700 U UG/KG	11 U UG/KG	2800 U UG/KG
4-METHYL-2-PENTANONE	11 U UG/KG	11 U UG/KG	11 U UG/KG	2700 U UG/KG	11 U UG/KG	2800 U UG/KG
ACETONE	11 UR UG/KG	11 UR UG/KG	11 UR UG/KG	26700 UG/KG	11 UR UG/KG	51400 UG/KG
BENZENE	5.6 U UG/KG	5.7 U UG/KG	5.6 U UG/KG	1400 U UG/KG	5.4 U UG/KG	1400 U UG/KG
BROMODICHLOROMETHANE	5.6 U UG/KG	5.7 U UG/KG	5.6 U UG/KG	1400 U UG/KG	5.4 U UG/KG	1400 U UG/KG
BROMOFORM	5.6 UJ UG/KG	5.7 U UG/KG	5.6 U UG/KG	1400 U UG/KG	5.4 U UG/KG	1400 U UG/KG
BROMOMETHANE	11 U UG/KG	11 U UG/KG	11 U UG/KG	2700 U UG/KG	11 U UG/KG	2800 U UG/KG
CARBON DISULFIDE	5.6 U UG/KG	5.7 U UG/KG	5.6 U UG/KG	1400 U UG/KG	5.4 U UG/KG	1400 U UG/KG
CARBON TETRACHLORIDE	5.6 U UG/KG	5.7 U UG/KG	5.6 U UG/KG	1400 U UG/KG	5.4 U UG/KG	1400 U UG/KG
CHLOROBENZENE	5.6 UJ UG/KG	5.7 U UG/KG	5.6 U UG/KG	1400 U UG/KG	5.4 U UG/KG	1400 U UG/KG
CHLOROETHANE	5.6 U UG/KG	5.7 U UG/KG	5.6 U UG/KG	1400 U UG/KG	5.4 U UG/KG	1400 U UG/KG
CHLOROFORM	5.6 U UG/KG	5.7 U UG/KG	5.6 U UG/KG	1400 U UG/KG	5.4 U UG/KG	1400 U UG/KG
CHLOROMETHANE	11 U UG/KG	11 U UG/KG	11 U UG/KG	2700 U UG/KG	11 U UG/KG	2800 U UG/KG
CIS-1,2-DICHLOROETHENE	5.6 U UG/KG	5.7 U UG/KG	5.6 U UG/KG	1400 U UG/KG	5.4 U UG/KG	1400 U UG/KG
CIS-1,3-DICHLOROPROPENE	5.6 U UG/KG	5.7 U UG/KG	5.6 U UG/KG	1400 U UG/KG	5.4 U UG/KG	1400 U UG/KG
DIBROMOCHLOROMETHANE	5.6 UJ UG/KG	5.7 U UG/KG	5.6 U UG/KG	1400 U UG/KG	5.4 U UG/KG	1400 U UG/KG
ETHYLBENZENE	5.6 UJ UG/KG	5.7 U UG/KG	5.6 U UG/KG	1400 U UG/KG	5.4 U UG/KG	1400 U UG/KG
METHYLENE CHLORIDE	5.6 U UG/KG	5.7 U UG/KG	5.6 U UG/KG	1400 U UG/KG	5.4 U UG/KG	1400 U UG/KG
STYRENE	5.6 UJ UG/KG	5.7 U UG/KG	5.6 U UG/KG	1400 U UG/KG	5.4 U UG/KG	1400 U UG/KG
TETRACHLOROETHENE	5.6 UJ UG/KG	5.7 U UG/KG	5.6 U UG/KG	1400 U UG/KG	5.4 U UG/KG	1400 U UG/KG
TOLUENE	5.6 U UG/KG	5.7 U UG/KG	5.6 U UG/KG	1400 U UG/KG	5.4 U UG/KG	1400 U UG/KG
TRANS-1,2-DICHLOROETHENE	5.6 U UG/KG	5.7 U UG/KG	5.6 U UG/KG	1400 U UG/KG	5.4 U UG/KG	1400 U UG/KG
TRANS-1,3-DICHLOROPROPENE	5.6 U UG/KG	5.7 U UG/KG	5.6 U UG/KG	1400 U UG/KG	5.4 U UG/KG	1400 U UG/KG
TRICHLOROETHENE	5.6 U UG/KG	5.7 U UG/KG	5.6 U UG/KG	1400 U UG/KG	5.4 U UG/KG	1400 U UG/KG
VINYL CHLORIDE	5.6 U UG/KG	5.7 U UG/KG	5.6 U UG/KG	1400 U UG/KG	5.4 U UG/KG	1400 U UG/KG
XYLENES, TOTAL	5.6 UJ UG/KG	5.7 U UG/KG	5.6 U UG/KG	1400 U UG/KG	5.4 U UG/KG	1400 U UG/KG
SEMIVOLATILES						
1,2,4-TRICHLOROBENZENE	370 U UG/KG	380 U UG/KG	370 U UG/KG	370 U UG/KG	380 U UG/KG	370 U UG/KG

SAMPLE NUMBER	NTCSS11100	NTCSS11200	NTCSS11300	NTCSS11400	NTCSS11500	NTCSS11600
SAMPLE DATE	6/29/97	6/29/97	6/29/97	6/29/97	6/29/97	6/29/97
PARAMETER	RESULTS	RESULTS	RESULTS	RESULTS	RESULTS	RESULTS
1,2-DICHLOROBENZENE	370 U UG/KG	380 U UG/KG	370 U UG/KG	370 U UG/KG	380 U UG/KG	370 U UG/KG
1,3-DICHLOROBENZENE	370 U UG/KG	380 U UG/KG	370 U UG/KG	370 U UG/KG	380 U UG/KG	370 U UG/KG
1,4-DICHLOROBENZENE	370 U UG/KG	380 U UG/KG	370 U UG/KG	370 U UG/KG	380 U UG/KG	370 U UG/KG
2,4,5-TRICHLOROPHENOL	370 U UG/KG	380 U UG/KG	370 U UG/KG	370 U UG/KG	380 U UG/KG	370 U UG/KG
2,4,6-TRICHLOROPHENOL	370 U UG/KG	380 U UG/KG	370 U UG/KG	370 U UG/KG	380 U UG/KG	370 U UG/KG
2,4-DICHLOROPHENOL	370 U UG/KG	380 U UG/KG	370 U UG/KG	370 U UG/KG	380 U UG/KG	370 U UG/KG
2,4-DIMETHYLPHENOL	920 U UG/KG	940 U UG/KG	930 U UG/KG	920 U UG/KG	940 U UG/KG	920 U UG/KG
2,4-DINITROPHENOL	920 U UG/KG	940 U UG/KG	930 U UG/KG	920 U UG/KG	940 U UG/KG	920 U UG/KG
2,4-DINITROTOLUENE	370 U UG/KG	380 U UG/KG	370 U UG/KG	370 U UG/KG	380 U UG/KG	370 U UG/KG
2,6-DINITROTOLUENE	370 U UG/KG	380 U UG/KG	370 U UG/KG	370 U UG/KG	380 U UG/KG	370 U UG/KG
2-CHLORONAPHTHALENE	370 U UG/KG	380 U UG/KG	370 U UG/KG	370 U UG/KG	380 U UG/KG	370 U UG/KG
2-CHLOROPHENOL	370 U UG/KG	380 U UG/KG	370 U UG/KG	370 U UG/KG	380 U UG/KG	370 U UG/KG
2-METHYLNAPHTHALENE	370 U UG/KG	380 U UG/KG	370 U UG/KG	370 U UG/KG	380 U UG/KG	370 U UG/KG
2-METHYLPHENOL	370 U UG/KG	380 U UG/KG	370 U UG/KG	370 U UG/KG	380 U UG/KG	370 U UG/KG
2-NITROANILINE	370 U UG/KG	380 U UG/KG	370 U UG/KG	370 U UG/KG	380 U UG/KG	370 U UG/KG
2-NITROPHENOL	370 U UG/KG	380 U UG/KG	370 U UG/KG	370 U UG/KG	380 U UG/KG	370 U UG/KG
3&4-METHYLPHENOL	370 U UG/KG	380 U UG/KG	370 U UG/KG	370 U UG/KG	380 U UG/KG	370 U UG/KG
3,3'-DICHLOROBENZIDINE	920 U UG/KG	940 U UG/KG	930 UJ UG/KG	920 U UG/KG	940 UJ UG/KG	920 U UG/KG
3-NITROANILINE	370 U UG/KG	380 U UG/KG	370 U UG/KG	370 U UG/KG	380 U UG/KG	370 U UG/KG
4,6-DINITRO-2-METHYLPHENOL	370 U UG/KG	380 U UG/KG	370 U UG/KG	370 U UG/KG	380 U UG/KG	370 U UG/KG
4-BROMOPHENYL PHENYL ETHER	370 U UG/KG	380 U UG/KG	370 U UG/KG	370 U UG/KG	380 U UG/KG	370 U UG/KG
4-CHLORO-3-METHYLPHENOL	920 U UG/KG	940 U UG/KG	930 U UG/KG	920 U UG/KG	940 U UG/KG	920 U UG/KG
4-CHLOROANILINE	370 U UG/KG	380 U UG/KG	370 U UG/KG	370 U UG/KG	380 U UG/KG	370 U UG/KG
4-CHLOROPHENYL PHENYL ETHER	370 U UG/KG	380 U UG/KG	370 U UG/KG	370 U UG/KG	380 U UG/KG	370 U UG/KG
4-NITROANILINE	370 U UG/KG	380 U UG/KG	370 U UG/KG	370 U UG/KG	380 U UG/KG	370 U UG/KG
4-NITROPHENOL	920 U UG/KG	940 U UG/KG	930 U UG/KG	920 U UG/KG	940 U UG/KG	920 U UG/KG
ACENAPHTHENE	370 U UG/KG	380 U UG/KG	370 U UG/KG	370 U UG/KG	380 U UG/KG	370 U UG/KG
ACENAPHTHYLENE	370 U UG/KG	380 U UG/KG	370 U UG/KG	370 U UG/KG	380 U UG/KG	370 U UG/KG
ANTHRACENE	370 U UG/KG	380 U UG/KG	370 U UG/KG	370 U UG/KG	380 U UG/KG	370 U UG/KG
BENZO(A)ANTHRACENE	370 U UG/KG	380 U UG/KG	370 UJ UG/KG	370 U UG/KG	380 UJ UG/KG	370 U UG/KG
BENZO(A)PYRENE	92 U UG/KG	125 UG/KG	93 UJ UG/KG	92 UJ UG/KG	105 J UG/KG	92 UJ UG/KG
BENZO(B)FLUORANTHENE	370 U UG/KG	380 U UG/KG	370 U UG/KG	370 U UG/KG	380 U UG/KG	370 U UG/KG
BENZO(G,H,I)PERYLENE	370 U UG/KG	380 U UG/KG	370 U UG/KG	370 U UG/KG	380 U UG/KG	370 U UG/KG
BENZO(K)FLUORANTHENE	370 U UG/KG	380 U UG/KG	370 U UG/KG	370 U UG/KG	380 U UG/KG	370 U UG/KG
BIS(2-CHLOROETHOXY)METHANE	370 U UG/KG	380 U UG/KG	370 U UG/KG	370 U UG/KG	380 U UG/KG	370 U UG/KG
BIS(2-CHLOROETHYL)ETHER	370 U UG/KG	380 U UG/KG	370 U UG/KG	370 U UG/KG	380 U UG/KG	370 U UG/KG
BIS(2-CHLOROISOPROPYL) ETHER	370 U UG/KG	380 U UG/KG	370 U UG/KG	370 U UG/KG	380 U UG/KG	370 U UG/KG

SAMPLE NUMBER	NTCSS11100	NTCSS11200	NTCSS11300	NTCSS11400	NTCSS11500	NTCSS11600
SAMPLE DATE	6/29/97	6/29/97	6/29/97	6/29/97	6/29/97	6/29/97
PARAMETER	RESULTS	RESULTS	RESULTS	RESULTS	RESULTS	RESULTS
BIS(2-ETHYLHEXYL)PHTHALATE	370 U UG/KG	380 U UG/KG	370 UJ UG/KG	370 U UG/KG	380 UJ UG/KG	370 U UG/KG
BUTYLBENZYL PHTHALATE	370 U UG/KG	380 U UG/KG	370 UJ UG/KG	370 U UG/KG	380 UJ UG/KG	370 U UG/KG
CARBAZOLE	370 U UG/KG	380 U UG/KG	370 U UG/KG	370 U UG/KG	380 U UG/KG	370 U UG/KG
CHRYSENE	370 U UG/KG	380 U UG/KG	370 UJ UG/KG	370 U UG/KG	380 UJ UG/KG	370 U UG/KG
DI-N-BUTYL PHTHALATE	370 U UG/KG	380 U UG/KG	370 U UG/KG	370 U UG/KG	380 U UG/KG	370 U UG/KG
DI-N-OCTYL PHTHALATE	370 U UG/KG	380 U UG/KG	370 U UG/KG	370 U UG/KG	380 U UG/KG	370 U UG/KG
DIBENZO(A,H)ANTHRACENE	92 U UG/KG	94 U UG/KG	93 UJ UG/KG	92 UJ UG/KG	94 UJ UG/KG	92 UJ UG/KG
DIBENZOFURAN	370 U UG/KG	380 U UG/KG	370 U UG/KG	370 U UG/KG	380 U UG/KG	370 U UG/KG
DIETHYL PHTHALATE	370 U UG/KG	380 U UG/KG	370 U UG/KG	370 U UG/KG	380 U UG/KG	370 U UG/KG
DIMETHYL PHTHALATE	370 U UG/KG	380 U UG/KG	370 U UG/KG	370 U UG/KG	380 U UG/KG	370 U UG/KG
FLUORANTHENE	370 U UG/KG	427 UG/KG	370 UJ UG/KG	370 UJ UG/KG	509 J UG/KG	370 U UG/KG
FLUORENE	370 U UG/KG	380 U UG/KG	370 U UG/KG	370 U UG/KG	380 U UG/KG	370 U UG/KG
HEXACHLOROBENZENE	370 U UG/KG	380 U UG/KG	370 U UG/KG	370 U UG/KG	380 U UG/KG	370 U UG/KG
HEXACHLOROBUTADIENE	370 U UG/KG	380 U UG/KG	370 U UG/KG	370 U UG/KG	380 U UG/KG	370 U UG/KG
HEXACHLOROCYCLOPENTADIENE	370 U UG/KG	380 U UG/KG	370 U UG/KG	370 U UG/KG	380 U UG/KG	370 U UG/KG
HEXACHLOROETHANE	370 U UG/KG	380 U UG/KG	370 U UG/KG	370 U UG/KG	380 U UG/KG	370 U UG/KG
INDENO(1,2,3-CD)PYRENE	370 U UG/KG	380 U UG/KG	370 U UG/KG	370 U UG/KG	380 U UG/KG	370 U UG/KG
ISOPHORONE	370 U UG/KG	380 U UG/KG	370 U UG/KG	370 U UG/KG	380 U UG/KG	370 U UG/KG
N-NITROSO-DI-N-PROPYLAMINE	18 U UG/KG	19 U UG/KG	19 UJ UG/KG	18 UJ UG/KG	19 UJ UG/KG	18 UJ UG/KG
N-NITROSODIPHENYLAMINE	370 U UG/KG	380 U UG/KG	370 U UG/KG	370 U UG/KG	380 U UG/KG	370 U UG/KG
NAPHTHALENE	370 U UG/KG	380 U UG/KG	370 U UG/KG	370 U UG/KG	380 U UG/KG	370 U UG/KG
NITROBENZENE	370 U UG/KG	380 U UG/KG	370 U UG/KG	370 U UG/KG	380 U UG/KG	370 U UG/KG
PHENANTHRENE	370 U UG/KG	380 U UG/KG	370 U UG/KG	370 U UG/KG	380 U UG/KG	370 U UG/KG
PHENOL	370 U UG/KG	380 U UG/KG	370 U UG/KG	370 U UG/KG	380 U UG/KG	370 U UG/KG
PYRENE	370 U UG/KG	380 U UG/KG	370 UJ UG/KG	370 UJ UG/KG	380 UJ UG/KG	370 U UG/KG
HERBICIDES						
2,4,5-T	1.4 U UG/KG	1.5 U UG/KG	1.5 U UG/KG	1.4 U UG/KG	1.4 U UG/KG	1.4 U UG/KG
2,4,5-TP (SILVEX)	1.7 U UG/KG	1.7 U UG/KG	1.7 U UG/KG	1.7 U UG/KG	1.7 U UG/KG	1.7 U UG/KG
2,4-D	7.8 U UG/KG	7.9 U UG/KG	8 U UG/KG	7.7 U UG/KG	7.7 U UG/KG	7.7 U UG/KG
2,4-DB	4.5 U UG/KG	4.5 U UG/KG	4.6 U UG/KG	4.4 U UG/KG	4.4 U UG/KG	4.4 U UG/KG
DALAPON	8.9 U UG/KG	9.1 U UG/KG	9.2 UR UG/KG	8.8 UR UG/KG	8.8 UR UG/KG	8.8 UR UG/KG
DICAMBA	4.5 U UG/KG	4.5 U UG/KG	4.6 U UG/KG	4.4 U UG/KG	4.4 U UG/KG	4.4 U UG/KG
DICHLOROPROP	22 U UG/KG	23 U UG/KG	23 U UG/KG	22 U UG/KG	22 U UG/KG	22 U UG/KG
DINOSEB	4.5 U UG/KG	4.5 U UG/KG	4.6 U UG/KG	4.4 U UG/KG	4.4 U UG/KG	4.4 U UG/KG
MCPA	2200 U UG/KG	2300 U UG/KG	2300 UR UG/KG	2200 UR UG/KG	2200 UR UG/KG	2200 UR UG/KG
MCPP	1100 U UG/KG	1100 U UG/KG	1200 UR UG/KG	1100 UR UG/KG	1100 UR UG/KG	1100 UR UG/KG
PENTACHLOROPHENOL	2.2 U UG/KG	2.3 U UG/KG	2.3 U UG/KG	2.2 U UG/KG	2.2 U UG/KG	2.2 U UG/KG

SURFACE SOIL SAMPLES

SAMPLE NUMBER	NTCSS11100	NTCSS11200	NTCSS11300	NTCSS11400	NTCSS11500	NTCSS11600
SAMPLE DATE	6/29/97	6/29/97	6/29/97	6/29/97	6/29/97	6/29/97
PARAMETER	RESULTS	RESULTS	RESULTS	RESULTS	RESULTS	RESULTS
PESTICIDES/PCBS						
4,4'-DDD	2.0 U UG/KG	2.0 U UG/KG	2.0 U UG/KG	1.9 U UG/KG	2.0 U UG/KG	2.0 U UG/KG
4,4'-DDE	4.0 UG/KG	0.99 U UG/KG	0.96 U UG/KG	0.94 U UG/KG	1.8 J UG/KG	0.95 U UG/KG
4,4'-DDT	4.5 U UG/KG	4.6 U UG/KG	4.4 U UG/KG	4.3 U UG/KG	4.4 U UG/KG	4.4 U UG/KG
ALDRIN	3.5 U UG/KG	3.6 U UG/KG	3.5 U UG/KG	3.4 U UG/KG	3.5 U UG/KG	3.5 U UG/KG
ALPHA-BHC	0.78 U UG/KG	0.80 U UG/KG	0.78 U UG/KG	0.76 U UG/KG	0.77 U UG/KG	0.77 U UG/KG
ALPHA-CHLORDANE	0.82 U UG/KG	0.84 U UG/KG	0.81 U UG/KG	0.79 U UG/KG	0.81 U UG/KG	0.81 U UG/KG
AROCLOR-1016						
AROCLOR-1221						
AROCLOR-1232						
AROCLOR-1242						
AROCLOR-1248						
AROCLOR-1254						
AROCLOR-1260						
BETA-BHC	1.1 U UG/KG	1.1 U UG/KG	1.1 U UG/KG	1.1 U UG/KG	1.1 U UG/KG	1.1 U UG/KG
DELTA-BHC	1.4 U UG/KG	1.4 U UG/KG	1.4 U UG/KG	1.3 U UG/KG	1.4 U UG/KG	1.4 U UG/KG
DIELDRIN	0.97 U UG/KG	0.99 U UG/KG	0.96 U UG/KG	0.94 U UG/KG	0.95 U UG/KG	0.95 U UG/KG
ENDOSULFAN I	1.0 U UG/KG	1.0 U UG/KG	1.0 U UG/KG	0.97 U UG/KG	0.99 U UG/KG	0.99 U UG/KG
ENDOSULFAN II	1.3 U UG/KG	1.3 U UG/KG	1.2 U UG/KG	1.2 U UG/KG	1.2 U UG/KG	1.2 U UG/KG
ENDOSULFAN SULFATE	4.1 U UG/KG	4.2 U UG/KG	4.1 U UG/KG	4.0 U UG/KG	4.0 U UG/KG	4.0 U UG/KG
ENDRIN	1.6 U UG/KG	1.6 U UG/KG	1.6 U UG/KG	1.5 U UG/KG	1.6 U UG/KG	1.6 U UG/KG
ENDRIN ALDEHYDE	1.5 U UG/KG	1.5 U UG/KG	1.5 U UG/KG	1.4 U UG/KG	1.5 U UG/KG	1.5 U UG/KG
ENDRIN KETONE	7.4 U UG/KG	7.6 U UG/KG	7.4 U UG/KG	7.2 U UG/KG	7.3 U UG/KG	7.3 U UG/KG
GAMMA-BHC (LINDANE)	0.82 U UG/KG	0.84 U UG/KG	0.81 U UG/KG	0.79 U UG/KG	0.81 U UG/KG	0.81 U UG/KG
GAMMA-CHLORDANE	0.93 U UG/KG	0.95 U UG/KG	0.92 U UG/KG	0.90 U UG/KG	1.9 J UG/KG	0.92 U UG/KG
HEPTACHLOR	0.97 U UG/KG	0.99 U UG/KG	0.96 U UG/KG	0.94 U UG/KG	0.95 U UG/KG	0.95 U UG/KG
HEPTACHLOR EPOXIDE	1.0 U UG/KG	1.0 U UG/KG	1.0 U UG/KG	0.97 U UG/KG	0.99 U UG/KG	0.99 U UG/KG
METHOXYCHLOR	6.7 U UG/KG	6.8 U UG/KG	6.7 U UG/KG	6.5 U UG/KG	6.6 U UG/KG	6.6 U UG/KG
TOXAPHENE	74 U UG/KG	76 U UG/KG	74 U UG/KG	72 U UG/KG	73 U UG/KG	73 U UG/KG
PETROLEUM HYDROCARBONS						
DIESEL RANGE ORGANICS	10.1 MG/KG	9.4 U MG/KG	9.3 U MG/KG	9.2 U MG/KG	9.4 U MG/KG	9.2 U MG/KG
GASOLINE RANGE ORGANICS	0.11 U MG/KG	0.11 UJ MG/KG	0.11 U MG/KG	0.11 U MG/KG	0.11 U MG/KG	0.11 U MG/KG
MISC						
CATION EX. CAPACITY						
TOTAL ORGANIC CARBON						
METALS						
ALUMINUM	3050 MG/KG	1630 MG/KG	1780 MG/KG	2900 MG/KG	2410 MG/KG	1690 MG/KG

SURFACE SOIL SAMPLES

SAMPLE NUMBER	NTCSS11100	NTCSS11200	NTCSS11300	NTCSS11400	NTCSS11500	NTCSS11600
SAMPLE DATE	6/29/97	6/29/97	6/29/97	6/29/97	6/29/97	6/29/97
PARAMETER	RESULTS	RESULTS	RESULTS	RESULTS	RESULTS	RESULTS
ANTIMONY	0.30 U MG/KG	0.31 U MG/KG	0.30 U MG/KG	0.29 U MG/KG	0.29 U MG/KG	0.30 U MG/KG
ARSENIC	1.5 MG/KG	2.8 MG/KG	0.51 U MG/KG	1.2 MG/KG	3.8 MG/KG	1.6 MG/KG
BARIUM	17.8 MG/KG	5.5 MG/KG	3.0 MG/KG	6.2 MG/KG	7.5 MG/KG	3.8 MG/KG
BERYLLIUM	0.09 U MG/KG	0.02 U MG/KG	0.04 U MG/KG	0.09 U MG/KG	0.07 U MG/KG	0.04 U MG/KG
CADMIUM	0.06 U MG/KG	0.06 U MG/KG	0.06 U MG/KG	0.05 U MG/KG	0.05 U MG/KG	0.06 U MG/KG
CALCIUM	760 MG/KG	858 MG/KG	372 J MG/KG	3140 J MG/KG	4440 J MG/KG	980 J MG/KG
CHROMIUM	5.5 MG/KG	2.6 MG/KG	3.3 MG/KG	3.6 MG/KG	3.3 MG/KG	2.5 MG/KG
COBALT	0.19 U MG/KG	0.19 U MG/KG	0.19 U MG/KG	0.18 U MG/KG	0.18 U MG/KG	0.19 U MG/KG
COPPER	3.5 MG/KG	2.7 MG/KG	1.1 U MG/KG	1.9 U MG/KG	2.0 U MG/KG	1.2 U MG/KG
CYANIDE	1.1 UR MG/KG	1.13 U MG/KG	1.1 UJ MG/KG	1.1 UJ MG/KG	1.1 UJ MG/KG	1.1 UJ MG/KG
IRON	492 MG/KG	132 J MG/KG	167 J MG/KG	361 J MG/KG	277 J MG/KG	164 J MG/KG
LEAD	7.0 MG/KG	6.6 MG/KG	2.8 J MG/KG	4.5 J MG/KG	6.5 J MG/KG	2.8 J MG/KG
MAGNESIUM	81.0 MG/KG	63.9 MG/KG	25.8 U MG/KG	87.7 MG/KG	87.6 MG/KG	42.3 MG/KG
MANGANESE	3.3 MG/KG	4.0 MG/KG	0.60 MG/KG	2.4 MG/KG	5.1 MG/KG	2.7 MG/KG
MERCURY	0.09 U MG/KG	0.09 U MG/KG	0.09 U MG/KG	0.09 U MG/KG	0.09 U MG/KG	0.09 U MG/KG
NICKEL	0.96 MG/KG	0.34 MG/KG	0.23 U MG/KG	0.63 MG/KG	0.61 MG/KG	0.47 MG/KG
POTASSIUM	41.3 MG/KG	43.0 MG/KG	11.1 U MG/KG	30.5 MG/KG	35.6 MG/KG	29.4 MG/KG
SELENIUM	0.41 U MG/KG	0.42 U MG/KG	0.42 U MG/KG	0.47 MG/KG	0.45 MG/KG	0.41 U MG/KG
SILVER	0.22 U MG/KG	0.37 MG/KG	0.23 U MG/KG	0.24 MG/KG	0.22 U MG/KG	0.22 U MG/KG
SODIUM	92.1 U MG/KG	94.2 U MG/KG	92.8 U MG/KG	89.7 U MG/KG	89.6 U MG/KG	92.1 U MG/KG
THALLIUM	0.45 U MG/KG	0.46 U MG/KG	0.45 U MG/KG	0.43 U MG/KG	0.43 U MG/KG	0.45 U MG/KG
VANADIUM	2.5 MG/KG	0.59 MG/KG	1.2 MG/KG	1.8 MG/KG	2.0 MG/KG	1.2 MG/KG
ZINC	3.4 U MG/KG	3.3 U MG/KG	0.67 U MG/KG	2.5 U MG/KG	3.6 U MG/KG	2.7 U MG/KG
RADIOLOGICAL						
GROSS ALPHA	2.80 +/- 0.382 PCI/G	1.19 +/- 0.171 PCI/G	0.808 +/- 0.127 PCI/G	0.912 +/- 0.143 PCI/G	1.61 +/- 0.260 PCI/G	0.632 +/- 0.106 PCI/G
GROSS BETA	1.31 +/- 0.169 PCI/G	0.394 +/- 0.082 PCI/G	0.482 +/- 0.090 PCI/G	0.794 +/- 0.118 PCI/G	0.796 +/- 0.168 PCI/G	0.429 +/- 0.087 PCI/G

SAMPLE NUMBER	NTCSS11700	NTCSS11800	NTCSS11900	NTCSS12000	NTCSS12100
SAMPLE DATE	6/29/97	6/29/97	6/29/97	6/29/97	6/29/97
PARAMETER	RESULTS	RESULTS	RESULTS	RESULTS	RESULTS
VOLATILES					
1,1,1-TRICHLOROETHANE	680 U UG/KG	5.4 U UG/KG	5.5 U UG/KG	5.7 U UG/KG	5.9 U UG/KG
1,1,2,2-TETRACHLOROETHANE	680 U UG/KG	5.4 UJ UG/KG	5.5 UJ UG/KG	5.7 U UG/KG	5.9 U UG/KG
1,1,2-TRICHLOROETHANE	680 U UG/KG	5.4 U UG/KG	5.5 U UG/KG	5.7 U UG/KG	5.9 U UG/KG
1,1-DICHLOROETHANE	680 U UG/KG	5.4 U UG/KG	5.5 U UG/KG	5.7 U UG/KG	5.9 U UG/KG
1,1-DICHLOROETHENE	680 U UG/KG	5.4 U UG/KG	5.5 U UG/KG	5.7 U UG/KG	5.9 U UG/KG
1,2-DICHLOROETHANE	680 U UG/KG	5.4 U UG/KG	5.5 U UG/KG	5.7 U UG/KG	5.9 U UG/KG
1,2-DICHLOROPROPANE	680 U UG/KG	5.4 U UG/KG	5.5 U UG/KG	5.7 U UG/KG	5.9 U UG/KG
2-BUTANONE	1400 U UG/KG	11 U UG/KG	11 U UG/KG	11 U UG/KG	12 U UG/KG
2-HEXANONE	1400 U UG/KG	11 U UG/KG	11 U UG/KG	11 U UG/KG	12 U UG/KG
4-METHYL-2-PENTANONE	1400 U UG/KG	11 U UG/KG	11 U UG/KG	11 U UG/KG	12 U UG/KG
ACETONE	28200 UG/KG	11 UR UG/KG	130 J UG/KG	11 U UG/KG	12 UR UG/KG
BENZENE	680 U UG/KG	5.4 U UG/KG	5.5 U UG/KG	5.7 U UG/KG	5.9 U UG/KG
BROMODICHLOROMETHANE	680 U UG/KG	5.4 U UG/KG	5.5 U UG/KG	5.7 U UG/KG	5.9 U UG/KG
BROMOFORM	680 U UG/KG	5.4 U UG/KG	5.5 U UG/KG	5.7 U UG/KG	5.9 U UG/KG
BROMOMETHANE	1400 U UG/KG	11 U UG/KG	11 U UG/KG	11 U UG/KG	12 U UG/KG
CARBON DISULFIDE	680 U UG/KG	5.4 U UG/KG	5.5 U UG/KG	5.7 U UG/KG	5.9 U UG/KG
CARBON TETRACHLORIDE	680 U UG/KG	5.4 U UG/KG	5.5 U UG/KG	5.7 U UG/KG	5.9 U UG/KG
CHLOROBENZENE	680 U UG/KG	5.4 U UG/KG	5.5 U UG/KG	5.7 U UG/KG	5.9 U UG/KG
CHLOROETHANE	680 U UG/KG	5.4 U UG/KG	5.5 U UG/KG	5.7 U UG/KG	5.9 U UG/KG
CHLOROFORM	680 U UG/KG	5.4 U UG/KG	5.5 U UG/KG	5.7 U UG/KG	5.9 U UG/KG
CHLOROMETHANE	1400 U UG/KG	11 U UG/KG	11 U UG/KG	11 U UG/KG	12 U UG/KG
CIS-1,2-DICHLOROETHENE	680 U UG/KG	5.4 U UG/KG	5.5 U UG/KG	5.7 U UG/KG	5.9 U UG/KG
CIS-1,3-DICHLOROPROPENE	680 U UG/KG	5.4 U UG/KG	5.5 U UG/KG	5.7 U UG/KG	5.9 U UG/KG
DIBROMOCHLOROMETHANE	680 U UG/KG	5.4 U UG/KG	5.5 U UG/KG	5.7 U UG/KG	5.9 U UG/KG
ETHYLBENZENE	680 U UG/KG	5.4 U UG/KG	5.5 U UG/KG	5.7 U UG/KG	5.9 U UG/KG
METHYLENE CHLORIDE	680 U UG/KG	5.4 U UG/KG	5.5 U UG/KG	5.7 U UG/KG	12.6 J UG/KG
STYRENE	680 U UG/KG	5.4 U UG/KG	5.5 U UG/KG	5.7 U UG/KG	5.9 U UG/KG
TETRACHLOROETHENE	680 U UG/KG	5.4 U UG/KG	5.5 U UG/KG	5.7 U UG/KG	5.9 U UG/KG
TOLUENE	680 U UG/KG	5.4 U UG/KG	5.5 U UG/KG	5.7 U UG/KG	5.9 U UG/KG
TRANS-1,2-DICHLOROETHENE	680 U UG/KG	5.4 U UG/KG	5.5 U UG/KG	5.7 U UG/KG	5.9 U UG/KG
TRANS-1,3-DICHLOROPROPENE	680 U UG/KG	5.4 U UG/KG	5.5 U UG/KG	5.7 U UG/KG	5.9 U UG/KG
TRICHLOROETHENE	680 U UG/KG	5.4 U UG/KG	5.5 U UG/KG	5.7 U UG/KG	5.9 U UG/KG
VINYL CHLORIDE	680 U UG/KG	5.4 U UG/KG	5.5 U UG/KG	5.7 U UG/KG	5.9 U UG/KG
XYLENES, TOTAL	680 U UG/KG	5.4 U UG/KG	5.5 U UG/KG	5.7 U UG/KG	5.9 U UG/KG
SEMIVOLATILES					
1,2,4-TRICHLOROBENZENE	360 U UG/KG	360 U UG/KG	360 U UG/KG	380 U UG/KG	380 U UG/KG

SAMPLE NUMBER	NTCSS11700	NTCSS11800	NTCSS11900	NTCSS12000	NTCSS12100
SAMPLE DATE	6/29/97	6/29/97	6/29/97	6/29/97	6/29/97
PARAMETER	RESULTS	RESULTS	RESULTS	RESULTS	RESULTS
1,2-DICHLOROBENZENE	360 U UG/KG	360 U UG/KG	360 U UG/KG	380 U UG/KG	380 U UG/KG
1,3-DICHLOROBENZENE	360 U UG/KG	360 U UG/KG	360 U UG/KG	380 U UG/KG	380 U UG/KG
1,4-DICHLOROBENZENE	360 U UG/KG	360 U UG/KG	360 U UG/KG	380 U UG/KG	380 U UG/KG
2,4,5-TRICHLOROPHENOL	360 U UG/KG	360 U UG/KG	360 U UG/KG	380 U UG/KG	380 U UG/KG
2,4,6-TRICHLOROPHENOL	360 U UG/KG	360 U UG/KG	360 U UG/KG	380 U UG/KG	380 U UG/KG
2,4-DICHLOROPHENOL	360 U UG/KG	360 U UG/KG	360 U UG/KG	380 U UG/KG	380 U UG/KG
2,4-DIMETHYLPHENOL	900 U UG/KG	900 U UG/KG	910 U UG/KG	940 U UG/KG	960 U UG/KG
2,4-DINITROPHENOL	900 U UG/KG	900 U UG/KG	910 U UG/KG	940 U UG/KG	960 U UG/KG
2,4-DINITROTOLUENE	360 U UG/KG	360 U UG/KG	360 U UG/KG	380 U UG/KG	380 U UG/KG
2,6-DINITROTOLUENE	360 U UG/KG	360 U UG/KG	360 U UG/KG	380 U UG/KG	380 U UG/KG
2-CHLORONAPHTHALENE	360 U UG/KG	360 U UG/KG	360 U UG/KG	380 U UG/KG	380 U UG/KG
2-CHLOROPHENOL	360 U UG/KG	360 U UG/KG	360 U UG/KG	380 U UG/KG	380 U UG/KG
2-METHYLNAPHTHALENE	360 U UG/KG	360 U UG/KG	360 U UG/KG	380 U UG/KG	380 U UG/KG
2-METHYLPHENOL	360 U UG/KG	360 U UG/KG	360 U UG/KG	380 U UG/KG	380 U UG/KG
2-NITROANILINE	360 U UG/KG	360 U UG/KG	360 U UG/KG	380 U UG/KG	380 U UG/KG
2-NITROPHENOL	360 U UG/KG	360 U UG/KG	360 U UG/KG	380 U UG/KG	380 U UG/KG
3&4-METHYLPHENOL	360 U UG/KG	360 U UG/KG	360 U UG/KG	380 U UG/KG	380 U UG/KG
3,3'-DICHLOROBENZIDINE	900 U UG/KG	900 U UG/KG	910 U UG/KG	940 UJ UG/KG	960 U UG/KG
3-NITROANILINE	360 U UG/KG	360 U UG/KG	360 U UG/KG	380 U UG/KG	380 U UG/KG
4,6-DINITRO-2-METHYLPHENOL	360 U UG/KG	360 U UG/KG	360 U UG/KG	380 U UG/KG	380 U UG/KG
4-BROMOPHENYL PHENYL ETHER	360 U UG/KG	360 U UG/KG	360 U UG/KG	380 U UG/KG	380 U UG/KG
4-CHLORO-3-METHYLPHENOL	900 U UG/KG	900 U UG/KG	910 U UG/KG	940 U UG/KG	960 U UG/KG
4-CHLOROANILINE	360 U UG/KG	360 U UG/KG	360 U UG/KG	380 U UG/KG	380 U UG/KG
4-CHLOROPHENYL PHENYL ETHER	360 U UG/KG	360 U UG/KG	360 U UG/KG	380 U UG/KG	380 U UG/KG
4-NITROANILINE	360 U UG/KG	360 U UG/KG	360 U UG/KG	380 U UG/KG	380 U UG/KG
4-NITROPHENOL	900 U UG/KG	900 U UG/KG	910 U UG/KG	940 U UG/KG	960 U UG/KG
ACENAPHTHENE	360 U UG/KG	360 U UG/KG	360 U UG/KG	380 U UG/KG	380 U UG/KG
ACENAPHTHYLENE	360 U UG/KG	360 U UG/KG	360 U UG/KG	380 U UG/KG	380 U UG/KG
ANTHRACENE	360 U UG/KG	360 U UG/KG	360 U UG/KG	380 U UG/KG	380 U UG/KG
BENZO(A)ANTHRACENE	360 U UG/KG	360 U UG/KG	360 U UG/KG	380 UJ UG/KG	380 U UG/KG
BENZO(A)PYRENE	90 U UG/KG	90 U UG/KG	91 U UG/KG	94 U UG/KG	96 U UG/KG
BENZO(B)FLUORANTHENE	360 U UG/KG	360 U UG/KG	360 U UG/KG	380 U UG/KG	380 U UG/KG
BENZO(G,H,I)PERYLENE	360 U UG/KG	360 U UG/KG	360 U UG/KG	380 U UG/KG	380 U UG/KG
BENZO(K)FLUORANTHENE	360 U UG/KG	360 U UG/KG	360 U UG/KG	380 U UG/KG	380 U UG/KG
BIS(2-CHLOROETHOXY)METHANE	360 U UG/KG	360 U UG/KG	360 U UG/KG	380 U UG/KG	380 U UG/KG
BIS(2-CHLOROETHYL)ETHER	360 U UG/KG	360 U UG/KG	360 U UG/KG	380 U UG/KG	380 U UG/KG
BIS(2-CHLOROISOPROPYL) ETHER	360 U UG/KG	360 U UG/KG	360 U UG/KG	380 U UG/KG	380 U UG/KG

SAMPLE NUMBER	NTCSS11700	NTCSS11800	NTCSS11900	NTCSS12000	NTCSS12100
SAMPLE DATE	6/29/97	6/29/97	6/29/97	6/29/97	6/29/97
PARAMETER	RESULTS	RESULTS	RESULTS	RESULTS	RESULTS
BIS(2-ETHYLHEXYL)PHTHALATE	360 U UG/KG	360 U UG/KG	360 U UG/KG	380 UJ UG/KG	380 U UG/KG
BUTYLBENZYL PHTHALATE	360 U UG/KG	360 U UG/KG	360 U UG/KG	380 UJ UG/KG	380 U UG/KG
CARBAZOLE	360 U UG/KG	360 U UG/KG	360 U UG/KG	380 U UG/KG	380 U UG/KG
CHRYSENE	360 U UG/KG	360 U UG/KG	360 U UG/KG	380 UJ UG/KG	380 U UG/KG
DI-N-BUTYL PHTHALATE	360 U UG/KG	360 U UG/KG	360 U UG/KG	380 U UG/KG	380 U UG/KG
DI-N-OCTYL PHTHALATE	360 U UG/KG	360 U UG/KG	360 U UG/KG	380 U UG/KG	380 U UG/KG
DIBENZO(A,H)ANTHRACENE	90 U UG/KG	90 U UG/KG	91 U UG/KG	94 U UG/KG	96 U UG/KG
DIBENZOFURAN	360 U UG/KG	360 U UG/KG	360 U UG/KG	380 U UG/KG	380 U UG/KG
DIETHYL PHTHALATE	360 U UG/KG	360 U UG/KG	360 U UG/KG	380 U UG/KG	380 U UG/KG
DIMETHYL PHTHALATE	360 U UG/KG	360 U UG/KG	360 U UG/KG	380 U UG/KG	380 U UG/KG
FLUORANTHENE	360 U UG/KG	360 U UG/KG	360 U UG/KG	380 U UG/KG	380 U UG/KG
FLUORENE	360 U UG/KG	360 U UG/KG	360 U UG/KG	380 U UG/KG	380 U UG/KG
HEXACHLOROBENZENE	360 U UG/KG	360 U UG/KG	360 U UG/KG	380 U UG/KG	380 U UG/KG
HEXACHLOROBUTADIENE	360 U UG/KG	360 U UG/KG	360 U UG/KG	380 U UG/KG	380 U UG/KG
HEXACHLOROCYCLOPENTADIENE	360 U UG/KG	360 U UG/KG	360 U UG/KG	380 U UG/KG	380 U UG/KG
HEXACHLOROETHANE	360 U UG/KG	360 U UG/KG	360 U UG/KG	380 U UG/KG	380 U UG/KG
INDENO(1,2,3-CD)PYRENE	360 U UG/KG	360 U UG/KG	360 U UG/KG	380 U UG/KG	380 U UG/KG
ISOPHORONE	360 U UG/KG	360 U UG/KG	360 U UG/KG	380 U UG/KG	380 U UG/KG
N-NITROSO-DI-N-PROPYLAMINE	18 U UG/KG	18 U UG/KG	18 U UG/KG	19 U UG/KG	19 U UG/KG
N-NITROSODIPHENYLAMINE	360 U UG/KG	360 U UG/KG	360 U UG/KG	380 U UG/KG	380 U UG/KG
NAPHTHALENE	360 U UG/KG	360 U UG/KG	360 U UG/KG	380 U UG/KG	380 U UG/KG
NITROBENZENE	360 U UG/KG	360 U UG/KG	360 U UG/KG	380 U UG/KG	380 U UG/KG
PHENANTHRENE	360 U UG/KG	360 U UG/KG	360 U UG/KG	380 U UG/KG	380 U UG/KG
PHENOL	360 U UG/KG	360 U UG/KG	360 U UG/KG	380 U UG/KG	380 U UG/KG
PYRENE	360 U UG/KG	360 U UG/KG	360 U UG/KG	380 UJ UG/KG	380 U UG/KG
HERBICIDES					
2,4,5-T	1.4 U UG/KG	1.4 U UG/KG	1.4 U UG/KG	1.5 U UG/KG	1.5 U UG/KG
2,4,5-TP (SILVEX)	1.7 U UG/KG	1.6 U UG/KG	1.7 U UG/KG	1.7 U UG/KG	1.8 U UG/KG
2,4-D	7.7 U UG/KG	7.4 U UG/KG	7.7 U UG/KG	7.9 U UG/KG	8.2 U UG/KG
2,4-DB	4.4 U UG/KG	4.2 U UG/KG	4.4 U UG/KG	4.5 U UG/KG	4.7 U UG/KG
DALAPON	8.8 UR UG/KG	8.4 UR UG/KG	8.8 UR UG/KG	9 U UG/KG	9.4 U UG/KG
DICAMBA	4.4 U UG/KG	4.2 U UG/KG	4.4 U UG/KG	4.5 U UG/KG	4.7 U UG/KG
DICHLOROPROP	22 U UG/KG	21 U UG/KG	22 U UG/KG	23 U UG/KG	23 U UG/KG
DINOSEB	4.4 U UG/KG	4.2 U UG/KG	4.4 U UG/KG	4.5 U UG/KG	4.7 U UG/KG
MCPA	2200 UR UG/KG	2100 UR UG/KG	2200 UR UG/KG	2300 U UG/KG	2300 U UG/KG
MCPP	1100 UR UG/KG	1000 UR UG/KG	1100 UR UG/KG	1100 U UG/KG	1200 U UG/KG
PENTACHLOROPHENOL	2.2 U UG/KG	2.1 U UG/KG	2.2 U UG/KG	2.3 U UG/KG	2.3 U UG/KG

SAMPLE NUMBER	NTCSS11700	NTCSS11800	NTCSS11900	NTCSS12000	NTCSS12100
SAMPLE DATE	6/29/97	6/29/97	6/29/97	6/29/97	6/29/97
PARAMETER	RESULTS	RESULTS	RESULTS	RESULTS	RESULTS
PESTICIDES/PCBS					
4,4'-DDD	2.0 U UG/KG	1.9 U UG/KG	2.0 U UG/KG	2.0 U UG/KG	2.1 U UG/KG
4,4'-DDE	0.94 U UG/KG	0.93 U UG/KG	0.94 U UG/KG	0.98 U UG/KG	1.0 U UG/KG
4,4'-DDT	4.3 U UG/KG	4.3 U UG/KG	4.3 U UG/KG	4.5 U UG/KG	4.7 U UG/KG
ALDRIN	3.4 U UG/KG	3.4 U UG/KG	3.4 U UG/KG	3.6 U UG/KG	3.7 U UG/KG
ALPHA-BHC	0.76 U UG/KG	0.75 U UG/KG	0.76 U UG/KG	0.79 U UG/KG	0.82 U UG/KG
ALPHA-CHLORDANE	0.80 U UG/KG	0.79 U UG/KG	0.80 U UG/KG	0.82 U UG/KG	0.86 U UG/KG
AROCLOR-1016					
AROCLOR-1221					
AROCLOR-1232					
AROCLOR-1242					
AROCLOR-1248					
AROCLOR-1254					
AROCLOR-1260					
BETA-BHC	1.1 U UG/KG	1.1 U UG/KG	1.1 U UG/KG	1.1 U UG/KG	1.2 U UG/KG
DELTA-BHC	1.3 U UG/KG	1.3 U UG/KG	1.3 U UG/KG	1.4 U UG/KG	1.4 U UG/KG
DIELDRIN	0.94 U UG/KG	0.93 U UG/KG	0.94 U UG/KG	0.98 U UG/KG	1.0 U UG/KG
ENDOSULFAN I	0.98 U UG/KG	0.97 U UG/KG	0.98 U UG/KG	1.0 U UG/KG	1.0 U UG/KG
ENDOSULFAN II	1.2 U UG/KG	1.2 U UG/KG	1.2 U UG/KG	1.3 U UG/KG	1.3 U UG/KG
ENDOSULFAN SULFATE	4.0 U UG/KG	3.9 U UG/KG	4.0 U UG/KG	4.1 U UG/KG	4.3 U UG/KG
ENDRIN	1.6 U UG/KG	1.5 U UG/KG	1.6 U UG/KG	1.6 U UG/KG	1.7 U UG/KG
ENDRIN ALDEHYDE	1.4 U UG/KG	1.4 U UG/KG	1.4 U UG/KG	1.5 U UG/KG	1.6 U UG/KG
ENDRIN KETONE	7.2 U UG/KG	7.2 U UG/KG	7.2 U UG/KG	7.5 U UG/KG	7.8 U UG/KG
GAMMA-BHC (LINDANE)	0.80 U UG/KG	0.79 U UG/KG	0.80 U UG/KG	0.82 U UG/KG	0.86 U UG/KG
GAMMA-CHLORDANE	0.90 U UG/KG	0.90 U UG/KG	0.90 U UG/KG	0.94 U UG/KG	0.98 U UG/KG
HEPTACHLOR	0.94 U UG/KG	0.93 U UG/KG	0.94 U UG/KG	0.98 U UG/KG	1.0 U UG/KG
HEPTACHLOR EPOXIDE	0.98 U UG/KG	0.97 U UG/KG	0.98 U UG/KG	1.0 U UG/KG	1.0 U UG/KG
METHOXYCHLOR	6.5 U UG/KG	6.4 U UG/KG	6.5 U UG/KG	6.8 U UG/KG	7.0 U UG/KG
TOXAPHENE	72 U UG/KG	72 U UG/KG	72 U UG/KG	75 U UG/KG	78 U UG/KG
PETROLEUM HYDROCARBONS					
DIESEL RANGE ORGANICS	9.0 U MG/KG	9.0 U MG/KG	9.1 U MG/KG	23.0 MG/KG	9.6 U MG/KG
GASOLINE RANGE ORGANICS	0.11 U MG/KG	0.11 U MG/KG	0.11 U MG/KG	0.11 U MG/KG	0.12 U MG/KG
MISC					
CATION EX. CAPACITY			1550 MG/KG		2230 MG/KG
TOTAL ORGANIC CARBON			21600 MG/KG		30000 MG/KG
METALS					
ALUMINUM	1120 MG/KG	1340 MG/KG	1540 MG/KG	3340 MG/KG	1360 MG/KG

SURFACE SOIL SAMPLES

SAMPLE NUMBER	NTCSS11700	NTCSS11800	NTCSS11900	NTCSS12000	NTCSS12100
SAMPLE DATE	6/29/97	6/29/97	6/29/97	6/29/97	6/29/97
PARAMETER	RESULTS	RESULTS	RESULTS	RESULTS	RESULTS
ANTIMONY	0.30 U MG/KG	0.29 U MG/KG	0.30 U MG/KG	0.31 U MG/KG	0.32 U MG/KG
ARSENIC	0.49 U MG/KG	0.48 U MG/KG	0.86 MG/KG	1.1 MG/KG	2.1 MG/KG
BARIUM	2.7 MG/KG	3.3 MG/KG	3.2 MG/KG	4.0 U MG/KG	3.8 U MG/KG
BERYLLIUM	0.06 U MG/KG	0.04 U MG/KG	0.05 U MG/KG	0.16 U MG/KG	0.02 U MG/KG
CADMIUM	0.06 U MG/KG	0.05 U MG/KG	0.06 U MG/KG	0.06 U MG/KG	0.06 U MG/KG
CALCIUM	3110 J MG/KG	2490 J MG/KG	852 J MG/KG	879 MG/KG	1470 MG/KG
CHROMIUM	1.6 MG/KG	2.2 MG/KG	2.4 MG/KG	3.9 MG/KG	2.5 MG/KG
COBALT	0.19 U MG/KG	0.18 U MG/KG	0.19 U MG/KG	0.19 U MG/KG	0.20 U MG/KG
COPPER	1.5 U MG/KG	1.3 U MG/KG	1.4 U MG/KG	1.3 MG/KG	2.0 MG/KG
CYANIDE	1.1 UJ MG/KG	1.1 UJ MG/KG	1.1 UJ MG/KG	1.1 UR MG/KG	1.2 UR MG/KG
IRON	201 J MG/KG	265 J MG/KG	322 J MG/KG	1040 MG/KG	165 MG/KG
LEAD	4.6 J MG/KG	1.8 J MG/KG	1.8 J MG/KG	5.1 MG/KG	3.7 MG/KG
MAGNESIUM	46.8 MG/KG	60.7 MG/KG	69.7 MG/KG	89.0 MG/KG	116 MG/KG
MANGANESE	4.2 MG/KG	1.7 MG/KG	3.0 MG/KG	2.7 MG/KG	14.3 MG/KG
MERCURY	0.09 U MG/KG	0.09 U MG/KG	0.09 U MG/KG	0.09 U MG/KG	0.10 U MG/KG
NICKEL	0.34 MG/KG	0.41 MG/KG	0.44 MG/KG	0.93 MG/KG	0.36 MG/KG
POTASSIUM	17.7 MG/KG	18.9 MG/KG	28.2 MG/KG	29.1 MG/KG	33.4 MG/KG
SELENIUM	0.40 U MG/KG	0.40 U MG/KG	0.41 U MG/KG	0.42 U MG/KG	0.44 U MG/KG
SILVER	0.22 U MG/KG	0.22 U MG/KG	0.22 U MG/KG	0.23 U MG/KG	0.24 U MG/KG
SODIUM	90.3 U MG/KG	88.8 U MG/KG	90.9 U MG/KG	93.8 U MG/KG	97.2 U MG/KG
THALLIUM	0.44 U MG/KG	0.43 U MG/KG	0.44 U MG/KG	0.45 U MG/KG	0.47 U MG/KG
VANADIUM	0.93 MG/KG	1.8 MG/KG	1.5 MG/KG	3.3 MG/KG	0.68 MG/KG
ZINC	1.8 U MG/KG	1.2 U MG/KG	2.2 U MG/KG	6.8 MG/KG	5.4 MG/KG
RADIOLOGICAL					
GROSS ALPHA	0.641 +/- 0.117 PCI/G	1.16 +/- 0.170 PCI/G	0.556 +/- 0.104 PCI/G	1.13 +/- 0.169 PCI/G	0.687 +/- 0.114 PCI/G
GROSS BETA	0.364 +/- 0.080 PCI/G	0.631 +/- 0.106 PCI/G	0.469 +/- 0.089 PCI/G	0.819 +/- 0.121 PCI/G	0.315 +/- 0.079 PCI/G

SURFACE SOIL SAMPLES

SAMPLE NUMBER	NTCSS12200	NTCSS12300	NTCSS12400	NTCSS12400-D	NTCSS12500
SAMPLE DATE	6/29/97	6/29/97	6/29/97	6/29/97	6/29/97
PARAMETER	RESULTS	RESULTS	RESULTS	RESULTS	RESULTS
VOLATILES					
1,1,1-TRICHLOROETHANE	56 U UG/KG	5.4 U UG/KG	5.6 U UG/KG	5.6 U UG/KG	5.6 U UG/KG
1,1,2,2-TETRACHLOROETHANE	56 U UG/KG	5.4 U UG/KG	5.6 UJ UG/KG	5.6 UJ UG/KG	5.6 UJ UG/KG
1,1,2-TRICHLOROETHANE	56 U UG/KG	5.4 U UG/KG	5.6 U UG/KG	5.6 U UG/KG	5.6 U UG/KG
1,1-DICHLOROETHANE	56 U UG/KG	5.4 U UG/KG	5.6 U UG/KG	5.6 U UG/KG	5.6 U UG/KG
1,1-DICHLOROETHENE	56 U UG/KG	5.4 U UG/KG	5.6 U UG/KG	5.6 U UG/KG	5.6 U UG/KG
1,2-DICHLOROETHANE	56 U UG/KG	5.4 U UG/KG	5.6 U UG/KG	5.6 U UG/KG	5.6 U UG/KG
1,2-DICHLOROPROPANE	56 U UG/KG	5.4 U UG/KG	5.6 U UG/KG	5.6 U UG/KG	5.6 U UG/KG
2-BUTANONE	110 U UG/KG	11 U UG/KG	11 U UG/KG	11 U UG/KG	11 U UG/KG
2-HEXANONE	110 U UG/KG	11 U UG/KG	11 U UG/KG	11 U UG/KG	11 U UG/KG
4-METHYL-2-PENTANONE	110 U UG/KG	11 U UG/KG	11 UJ UG/KG	11 UJ UG/KG	11 U UG/KG
ACETONE	7620 J UG/KG	11 UR UG/KG	11 UR UG/KG	11 UR UG/KG	11 UR UG/KG
BENZENE	56 U UG/KG	5.4 U UG/KG	5.6 U UG/KG	5.6 U UG/KG	5.6 U UG/KG
BROMODICHLOROMETHANE	56 U UG/KG	5.4 U UG/KG	5.6 U UG/KG	5.6 U UG/KG	5.6 U UG/KG
BROMOFORM	56 U UG/KG	5.4 U UG/KG	5.6 UJ UG/KG	5.6 U UG/KG	5.6 U UG/KG
BROMOMETHANE	110 U UG/KG	11 U UG/KG	11 U UG/KG	11 U UG/KG	11 U UG/KG
CARBON DISULFIDE	56 U UG/KG	5.4 U UG/KG	5.6 U UG/KG	5.6 U UG/KG	5.6 U UG/KG
CARBON TETRACHLORIDE	56 U UG/KG	5.4 U UG/KG	5.6 U UG/KG	5.6 U UG/KG	5.6 U UG/KG
CHLOROBENZENE	56 U UG/KG	5.4 U UG/KG	5.6 U UG/KG	5.6 U UG/KG	5.6 U UG/KG
CHLOROETHANE	56 U UG/KG	5.4 U UG/KG	5.6 U UG/KG	5.6 U UG/KG	5.6 U UG/KG
CHLOROFORM	56 U UG/KG	5.4 U UG/KG	5.6 U UG/KG	5.6 U UG/KG	5.6 U UG/KG
CHLOROMETHANE	110 U UG/KG	11 U UG/KG	11 U UG/KG	11 U UG/KG	11 U UG/KG
CIS-1,2-DICHLOROETHENE	56 U UG/KG	5.4 U UG/KG	5.6 U UG/KG	5.6 U UG/KG	5.6 U UG/KG
CIS-1,3-DICHLOROPROPENE	56 U UG/KG	5.4 U UG/KG	5.6 U UG/KG	5.6 U UG/KG	5.6 U UG/KG
DIBROMOCHLOROMETHANE	56 U UG/KG	5.4 U UG/KG	5.6 UJ UG/KG	5.6 U UG/KG	5.6 U UG/KG
ETHYLBENZENE	56 U UG/KG	5.4 U UG/KG	5.6 UJ UG/KG	5.6 U UG/KG	5.6 U UG/KG
METHYLENE CHLORIDE	56 U UG/KG	5.4 U UG/KG	5.6 U UG/KG	5.6 U UG/KG	5.6 U UG/KG
STYRENE	56 U UG/KG	5.4 U UG/KG	5.6 UJ UG/KG	5.6 U UG/KG	5.6 U UG/KG
TETRACHLOROETHENE	56 U UG/KG	5.4 U UG/KG	5.6 UJ UG/KG	5.6 UJ UG/KG	5.6 U UG/KG
TOLUENE	56 U UG/KG	5.4 U UG/KG	5.6 U UG/KG	9.6 J UG/KG	5.6 U UG/KG
TRANS-1,2-DICHLOROETHENE	56 U UG/KG	5.4 U UG/KG	5.6 U UG/KG	5.6 U UG/KG	5.6 U UG/KG
TRANS-1,3-DICHLOROPROPENE	56 U UG/KG	5.4 U UG/KG	5.6 U UG/KG	5.6 U UG/KG	5.6 U UG/KG
TRICHLOROETHENE	56 U UG/KG	5.4 U UG/KG	5.6 U UG/KG	5.6 U UG/KG	5.6 U UG/KG
VINYL CHLORIDE	56 U UG/KG	5.4 U UG/KG	5.6 U UG/KG	5.6 U UG/KG	5.6 U UG/KG
XYLENES, TOTAL	56 U UG/KG	5.4 U UG/KG	5.6 UJ UG/KG	7.4 J UG/KG	5.6 U UG/KG
SEMIVOLATILES					
1,2,4-TRICHLOROBENZENE	370 UJ UG/KG	360 UJ UG/KG	370 U UG/KG	450 UJ UG/KG	380 UJ UG/KG

SAMPLE NUMBER	NTCSS12200	NTCSS12300	NTCSS12400	NTCSS12400-D	NTCSS12500
SAMPLE DATE	6/29/97	6/29/97	6/29/97	6/29/97	6/29/97
PARAMETER	RESULTS	RESULTS	RESULTS	RESULTS	RESULTS
1,2-DICHLOROBENZENE	370 UJ UG/KG	360 UJ UG/KG	370 U UG/KG	450 UJ UG/KG	380 UJ UG/KG
1,3-DICHLOROBENZENE	370 UJ UG/KG	360 UJ UG/KG	370 U UG/KG	450 UJ UG/KG	380 UJ UG/KG
1,4-DICHLOROBENZENE	370 UJ UG/KG	360 UJ UG/KG	370 U UG/KG	450 UJ UG/KG	380 UJ UG/KG
2,4,5-TRICHLOROPHENOL	370 UJ UG/KG	360 UJ UG/KG	370 U UG/KG	450 UJ UG/KG	380 UJ UG/KG
2,4,6-TRICHLOROPHENOL	370 UJ UG/KG	360 UJ UG/KG	370 U UG/KG	450 UJ UG/KG	380 UJ UG/KG
2,4-DICHLOROPHENOL	370 UJ UG/KG	360 UJ UG/KG	370 U UG/KG	450 UJ UG/KG	380 UJ UG/KG
2,4-DIMETHYLPHENOL	930 UJ UG/KG	900 UJ UG/KG	920 U UG/KG	1100 UJ UG/KG	940 UJ UG/KG
2,4-DINITROPHENOL	930 UJ UG/KG	900 UJ UG/KG	920 U UG/KG	1100 UJ UG/KG	940 UJ UG/KG
2,4-DINITROTOLUENE	370 UJ UG/KG	360 UJ UG/KG	370 U UG/KG	450 UJ UG/KG	380 UJ UG/KG
2,6-DINITROTOLUENE	370 UJ UG/KG	360 UJ UG/KG	370 U UG/KG	450 UJ UG/KG	380 UJ UG/KG
2-CHLORONAPHTHALENE	370 UJ UG/KG	360 UJ UG/KG	370 U UG/KG	450 UJ UG/KG	380 UJ UG/KG
2-CHLOROPHENOL	370 UJ UG/KG	360 UJ UG/KG	370 U UG/KG	450 UJ UG/KG	380 UJ UG/KG
2-METHYLNAPHTHALENE	370 UJ UG/KG	360 UJ UG/KG	370 U UG/KG	450 UJ UG/KG	380 UJ UG/KG
2-METHYLPHENOL	370 UJ UG/KG	360 UJ UG/KG	370 U UG/KG	450 UJ UG/KG	380 UJ UG/KG
2-NITROANILINE	370 UJ UG/KG	360 UJ UG/KG	370 U UG/KG	450 UJ UG/KG	380 UJ UG/KG
2-NITROPHENOL	370 UJ UG/KG	360 UJ UG/KG	370 U UG/KG	450 UJ UG/KG	380 UJ UG/KG
3&4-METHYLPHENOL	370 UJ UG/KG	360 UJ UG/KG	370 U UG/KG	450 UJ UG/KG	380 UJ UG/KG
3,3'-DICHLOROBENZIDINE	930 UJ UG/KG	900 UJ UG/KG	920 UJ UG/KG	1100 UJ UG/KG	940 UJ UG/KG
3-NITROANILINE	370 UJ UG/KG	360 UJ UG/KG	370 U UG/KG	450 UJ UG/KG	380 UJ UG/KG
4,6-DINITRO-2-METHYLPHENOL	370 UJ UG/KG	360 UJ UG/KG	370 U UG/KG	450 UJ UG/KG	380 UJ UG/KG
4-BROMOPHENYL PHENYL ETHER	370 UJ UG/KG	360 UJ UG/KG	370 U UG/KG	450 UJ UG/KG	380 UJ UG/KG
4-CHLORO-3-METHYLPHENOL	930 UJ UG/KG	900 UJ UG/KG	920 U UG/KG	1100 UJ UG/KG	940 UJ UG/KG
4-CHLOROANILINE	370 UJ UG/KG	360 UJ UG/KG	370 U UG/KG	450 UJ UG/KG	380 UJ UG/KG
4-CHLOROPHENYL PHENYL ETHER	370 UJ UG/KG	360 UJ UG/KG	370 U UG/KG	450 UJ UG/KG	380 UJ UG/KG
4-NITROANILINE	370 UJ UG/KG	360 UJ UG/KG	370 U UG/KG	450 UJ UG/KG	380 UJ UG/KG
4-NITROPHENOL	930 UJ UG/KG	900 UJ UG/KG	920 U UG/KG	1100 UJ UG/KG	940 UJ UG/KG
ACENAPHTHENE	370 UJ UG/KG	360 UJ UG/KG	370 U UG/KG	450 UJ UG/KG	380 UJ UG/KG
ACENAPHTHYLENE	370 UJ UG/KG	360 UJ UG/KG	370 U UG/KG	450 UJ UG/KG	380 UJ UG/KG
ANTHRACENE	370 UJ UG/KG	360 UJ UG/KG	370 U UG/KG	450 UJ UG/KG	380 UJ UG/KG
BENZO(A)ANTHRACENE	370 UJ UG/KG	360 UJ UG/KG	370 UJ UG/KG	450 UJ UG/KG	380 UJ UG/KG
BENZO(A)PYRENE	93 UJ UG/KG	90 U UG/KG	92 U UG/KG	110 U UG/KG	94 U UG/KG
BENZO(B)FLUORANTHENE	370 UJ UG/KG	360 UJ UG/KG	370 U UG/KG	450 UJ UG/KG	380 UJ UG/KG
BENZO(G,H,I)PERYLENE	370 UJ UG/KG	360 UJ UG/KG	370 U UG/KG	450 UJ UG/KG	380 UJ UG/KG
BENZO(K)FLUORANTHENE	370 UJ UG/KG	360 UJ UG/KG	370 U UG/KG	450 UJ UG/KG	380 UJ UG/KG
BIS(2-CHLOROETHOXY)METHANE	370 UJ UG/KG	360 UJ UG/KG	370 U UG/KG	450 UJ UG/KG	380 UJ UG/KG
BIS(2-CHLOROETHYL)ETHER	370 UJ UG/KG	360 UJ UG/KG	370 U UG/KG	450 UJ UG/KG	380 UJ UG/KG
BIS(2-CHLOROISOPROPYL) ETHER	370 UJ UG/KG	360 UJ UG/KG	370 U UG/KG	450 UJ UG/KG	380 UJ UG/KG

SAMPLE NUMBER	NTCSS12200	NTCSS12300	NTCSS12400	NTCSS12400-D	NTCSS12500
SAMPLE DATE	6/29/97	6/29/97	6/29/97	6/29/97	6/29/97
PARAMETER	RESULTS	RESULTS	RESULTS	RESULTS	RESULTS
BIS(2-ETHYLHEXYL)PHTHALATE	370 UJ UG/KG	360 UJ UG/KG	370 UJ UG/KG	450 UJ UG/KG	380 UJ UG/KG
BUTYLBENZYL PHTHALATE	370 UJ UG/KG	360 UJ UG/KG	370 UJ UG/KG	450 UJ UG/KG	380 UJ UG/KG
CARBAZOLE	370 UJ UG/KG	360 UJ UG/KG	370 U UG/KG	450 UJ UG/KG	380 UJ UG/KG
CHRYSENE	370 UJ UG/KG	360 UJ UG/KG	370 UJ UG/KG	450 UJ UG/KG	380 UJ UG/KG
DI-N-BUTYL PHTHALATE	370 UJ UG/KG	360 UJ UG/KG	370 U UG/KG	450 UJ UG/KG	380 UJ UG/KG
DI-N-OCTYL PHTHALATE	370 UJ UG/KG	360 UJ UG/KG	370 U UG/KG	450 UJ UG/KG	380 UJ UG/KG
DIBENZO(A,H)ANTHRACENE	93 UJ UG/KG	90 U UG/KG	92 U UG/KG	110 U UG/KG	94 U UG/KG
DIBENZOFURAN	370 UJ UG/KG	360 UJ UG/KG	370 U UG/KG	450 UJ UG/KG	380 UJ UG/KG
DIETHYL PHTHALATE	370 UJ UG/KG	360 UJ UG/KG	370 U UG/KG	450 UJ UG/KG	380 UJ UG/KG
DIMETHYL PHTHALATE	370 UJ UG/KG	360 UJ UG/KG	370 U UG/KG	450 UJ UG/KG	380 UJ UG/KG
FLUORANTHENE	370 UJ UG/KG	360 UJ UG/KG	370 U UG/KG	450 UJ UG/KG	380 UJ UG/KG
FLUORENE	370 UJ UG/KG	360 UJ UG/KG	370 U UG/KG	450 UJ UG/KG	380 UJ UG/KG
HEXACHLOROBENZENE	370 UJ UG/KG	360 UJ UG/KG	370 U UG/KG	450 UJ UG/KG	380 UJ UG/KG
HEXACHLOROBUTADIENE	370 UJ UG/KG	360 UJ UG/KG	370 U UG/KG	450 UJ UG/KG	380 UJ UG/KG
HEXACHLOROCYCLOPENTADIENE	370 UJ UG/KG	360 UJ UG/KG	370 U UG/KG	450 UJ UG/KG	380 UJ UG/KG
HEXACHLOROETHANE	370 UJ UG/KG	360 UJ UG/KG	370 U UG/KG	450 UJ UG/KG	380 UJ UG/KG
INDENO(1,2,3-CD)PYRENE	370 UJ UG/KG	360 UJ UG/KG	370 U UG/KG	450 UJ UG/KG	380 UJ UG/KG
ISOPHORONE	370 UJ UG/KG	360 UJ UG/KG	370 U UG/KG	450 UJ UG/KG	380 UJ UG/KG
N-NITROSO-DI-N-PROPYLAMINE	19 UJ UG/KG	18 U UG/KG	18 U UG/KG	22 U UG/KG	19 U UG/KG
N-NITROSODIPHENYLAMINE	370 UJ UG/KG	360 UJ UG/KG	370 U UG/KG	450 UJ UG/KG	380 UJ UG/KG
NAPHTHALENE	370 UJ UG/KG	360 UJ UG/KG	370 U UG/KG	450 UJ UG/KG	380 UJ UG/KG
NITROBENZENE	370 UJ UG/KG	360 UJ UG/KG	370 U UG/KG	450 UJ UG/KG	380 UJ UG/KG
PHENANTHRENE	370 UJ UG/KG	360 UJ UG/KG	370 U UG/KG	450 UJ UG/KG	380 UJ UG/KG
PHENOL	370 UJ UG/KG	360 UJ UG/KG	370 U UG/KG	450 UJ UG/KG	380 UJ UG/KG
PYRENE	370 UJ UG/KG	360 UJ UG/KG	370 U UG/KG	450 UJ UG/KG	380 UJ UG/KG
HERBICIDES					
2,4,5-T	1.4 U UG/KG	1.5 U UG/KG	1.4 U UG/KG	1.4 U UG/KG	1.5 U UG/KG
2,4,5-TP (SILVEX)	1.7 U UG/KG	1.7 U UG/KG	1.7 U UG/KG	1.7 U UG/KG	1.7 U UG/KG
2,4-D	7.8 U UG/KG	8 U UG/KG	7.7 U UG/KG	7.8 U UG/KG	8 U UG/KG
2,4-DB	4.5 U UG/KG	4.6 U UG/KG	4.4 U UG/KG	4.5 U UG/KG	4.6 U UG/KG
DALAPON	8.9 U UG/KG	9.2 UR UG/KG	8.8 UR UG/KG	8.9 UR UG/KG	9.2 UR UG/KG
DICAMBA	4.5 U UG/KG	4.6 U UG/KG	4.4 U UG/KG	4.5 U UG/KG	4.6 U UG/KG
DICHLOROPROP	22 U UG/KG	23 U UG/KG	22 U UG/KG	22 U UG/KG	23 U UG/KG
DINOSEB	4.5 U UG/KG	4.6 U UG/KG	4.4 U UG/KG	4.5 U UG/KG	4.6 U UG/KG
MCPA	2200 U UG/KG	2300 UR UG/KG	2200 UR UG/KG	2200 UR UG/KG	2300 UR UG/KG
MCPP	1100 U UG/KG	1200 UR UG/KG	1100 UR UG/KG	1100 UR UG/KG	1200 UR UG/KG
PENTACHLOROPHENOL	2.2 U UG/KG	2.3 U UG/KG	2.2 U UG/KG	2.2 U UG/KG	2.3 U UG/KG

SURFACE SOIL SAMPLES

SAMPLE NUMBER	NTCSS12200	NTCSS12300	NTCSS12400	NTCSS12400-D	NTCSS12500
SAMPLE DATE	6/29/97	6/29/97	6/29/97	6/29/97	6/29/97
PARAMETER	RESULTS	RESULTS	RESULTS	RESULTS	RESULTS
PESTICIDES/PCBS					
4,4'-DDD	2.2 U UG/KG	1.9 U UG/KG	2.0 U UG/KG	2.0 U UG/KG	2.0 U UG/KG
4,4'-DDE	3.4 UG/KG	1.3 J UG/KG	0.96 U UG/KG	0.96 U UG/KG	0.96 U UG/KG
4,4'-DDT	4.9 U UG/KG	4.3 U UG/KG	4.4 U UG/KG	4.4 U UG/KG	4.4 U UG/KG
ALDRIN	3.9 U UG/KG	3.4 U UG/KG	3.5 U UG/KG	3.5 U UG/KG	3.5 U UG/KG
ALPHA-BHC	0.86 U UG/KG	0.75 U UG/KG	0.78 U UG/KG	0.77 U UG/KG	0.78 U UG/KG
ALPHA-CHLORDANE	0.90 U UG/KG	0.79 U UG/KG	0.82 U UG/KG	0.81 U UG/KG	0.81 U UG/KG
AROCLOR-1016			20 U UG/KG	20 U UG/KG	
AROCLOR-1221			7.0 U UG/KG	7.0 U UG/KG	
AROCLOR-1232			16 U UG/KG	15 U UG/KG	
AROCLOR-1242			11 U UG/KG	11 U UG/KG	
AROCLOR-1248			8.2 U UG/KG	8.1 U UG/KG	
AROCLOR-1254			12 U UG/KG	12 U UG/KG	
AROCLOR-1260			17 U UG/KG	17 U UG/KG	
BETA-BHC	1.2 U UG/KG	1.1 U UG/KG	1.1 U UG/KG	1.1 U UG/KG	1.1 U UG/KG
DELTA-BHC	1.5 U UG/KG	1.3 U UG/KG	1.4 U UG/KG	1.4 U UG/KG	1.4 U UG/KG
DIELDRIN	1.1 U UG/KG	0.93 U UG/KG	0.96 U UG/KG	0.96 U UG/KG	0.96 U UG/KG
ENDOSULFAN I	1.1 U UG/KG	0.97 U UG/KG	1.0 U UG/KG	0.99 U UG/KG	1.0 U UG/KG
ENDOSULFAN II	1.4 U UG/KG	1.2 U UG/KG	1.3 U UG/KG	1.2 U UG/KG	1.2 U UG/KG
ENDOSULFAN SULFATE	4.5 U UG/KG	3.9 U UG/KG	4.1 U UG/KG	4.0 U UG/KG	4.1 U UG/KG
ENDRIN	1.8 U UG/KG	1.5 U UG/KG	1.6 U UG/KG	1.6 U UG/KG	1.6 U UG/KG
ENDRIN ALDEHYDE	1.6 U UG/KG	1.4 U UG/KG	1.5 U UG/KG	1.5 U UG/KG	1.5 U UG/KG
ENDRIN KETONE	8.2 U UG/KG	7.2 U UG/KG	7.4 U UG/KG	7.4 U UG/KG	7.4 U UG/KG
GAMMA-BHC (LINDANE)	0.90 U UG/KG	0.79 U UG/KG	0.82 U UG/KG	0.81 U UG/KG	0.81 U UG/KG
GAMMA-CHLORDANE	1.0 U UG/KG	0.90 U UG/KG	0.93 U UG/KG	0.92 U UG/KG	0.92 U UG/KG
HEPTACHLOR	1.2 UG/KG	0.93 U UG/KG	0.96 U UG/KG	0.96 U UG/KG	0.96 U UG/KG
HEPTACHLOR EPOXIDE	1.1 U UG/KG	0.97 U UG/KG	1.0 U UG/KG	0.99 U UG/KG	1.0 U UG/KG
METHOXYCHLOR	7.4 U UG/KG	6.4 U UG/KG	6.7 U UG/KG	6.6 U UG/KG	6.7 U UG/KG
TOXAPHENE	82 U UG/KG	72 U UG/KG	74 U UG/KG	74 U UG/KG	74 U UG/KG
PETROLEUM HYDROCARBONS					
DIESEL RANGE ORGANICS	9.3 U MG/KG	9.0 U MG/KG	9.2 U MG/KG	11 U MG/KG	10.5 MG/KG
GASOLINE RANGE ORGANICS	0.11 U MG/KG	0.11 U MG/KG	0.11 U MG/KG	0.14 U MG/KG	0.11 U MG/KG
MISC					
CATION EX. CAPACITY		1810 MG/KG			2080 MG/KG
TOTAL ORGANIC CARBON		8200 MG/KG			12000 MG/KG
METALS					
ALUMINUM	928 MG/KG	1850 MG/KG	3400 MG/KG	3020 MG/KG	2740 MG/KG

SURFACE SOIL SAMPLES

SAMPLE NUMBER	NTCSS12200	NTCSS12300	NTCSS12400	NTCSS12400-D	NTCSS12500
SAMPLE DATE	6/29/97	6/29/97	6/29/97	6/29/97	6/29/97
PARAMETER	RESULTS	RESULTS	RESULTS	RESULTS	RESULTS
ANTIMONY	0.30 U MG/KG	0.29 U MG/KG	0.30 U MG/KG	0.30 U MG/KG	0.30 U MG/KG
ARSENIC	2.5 MG/KG	1.6 MG/KG	2.4 MG/KG	2.0 MG/KG	1.8 MG/KG
BARIUM	2.4 MG/KG	6.4 MG/KG	6.2 MG/KG	4.5 MG/KG	7.6 MG/KG
BERYLLIUM	0.01 U MG/KG	0.04 U MG/KG	0.10 U MG/KG	0.09 U MG/KG	0.11 U MG/KG
CADMIUM	0.09 MG/KG	0.05 U MG/KG	0.06 U MG/KG	0.06 U MG/KG	0.06 U MG/KG
CALCIUM	841 MG/KG	792 J MG/KG	1430 J MG/KG	1560 J MG/KG	4130 J MG/KG
CHROMIUM	1.5 MG/KG	2.9 MG/KG	4.3 MG/KG	3.9 MG/KG	3.6 MG/KG
COBALT	0.19 U MG/KG	0.18 U MG/KG	0.19 U MG/KG	0.19 U MG/KG	0.19 U MG/KG
COPPER	3.0 MG/KG	2.0 U MG/KG	1.5 U MG/KG	1.2 U MG/KG	2.2 U MG/KG
CYANIDE	1.12 U MG/KG	1.1 UJ MG/KG	1.1 UJ MG/KG	1.4 UJ MG/KG	1.1 UJ MG/KG
IRON	114 J MG/KG	187 J MG/KG	383 J MG/KG	291 J MG/KG	344 J MG/KG
LEAD	3.3 MG/KG	3.8 J MG/KG	5.4 J MG/KG	4.7 J MG/KG	6.0 J MG/KG
MAGNESIUM	48.0 MG/KG	72.6 MG/KG	71.5 MG/KG	61.0 MG/KG	95.5 MG/KG
MANGANESE	2.7 MG/KG	1.6 MG/KG	2.7 MG/KG	3.2 MG/KG	3.9 MG/KG
MERCURY	0.09 U MG/KG	0.09 U MG/KG	0.09 U MG/KG	0.09 U MG/KG	0.09 U MG/KG
NICKEL	0.22 U MG/KG	0.31 MG/KG	0.63 MG/KG	0.67 MG/KG	0.73 MG/KG
POTASSIUM	27.7 MG/KG	37.9 MG/KG	47.2 MG/KG	34.6 MG/KG	28.6 MG/KG
SELENIUM	0.41 U MG/KG	0.40 U MG/KG	0.41 U MG/KG	0.41 U MG/KG	0.42 U MG/KG
SILVER	0.24 MG/KG	0.22 U MG/KG	0.22 U MG/KG	0.22 U MG/KG	0.23 U MG/KG
SODIUM	92.3 U MG/KG	89.6 U MG/KG	91.9 U MG/KG	92.2 U MG/KG	93.0 U MG/KG
THALLIUM	0.45 U MG/KG	0.43 U MG/KG	0.45 U MG/KG	0.45 U MG/KG	0.45 U MG/KG
VANADIUM	0.18 U MG/KG	1.0 MG/KG	2.2 MG/KG	2.0 MG/KG	3.3 MG/KG
ZINC	8.2 MG/KG	2.8 U MG/KG	1.9 U MG/KG	1.7 U MG/KG	4.5 MG/KG
RADIOLOGICAL					
GROSS ALPHA	0.579 +/- 0.100 PCI/G	0.700 +/- 0.115 PCI/G	1.00+/-0.163 PCI/G	1.35 +/- 0.196 PCI/G	1.69 +/- 0.259 PCI/G
GROSS BETA	0.265 +/- 0.073 PCI/G	0.403 +/- 0.082 PCI/G	0.380 +/- 0.101 PCI/G	0.698 +/- 0.108 PCI/G	1.22 +/- 0.201 PCI/G

SURFACE SOIL SAMPLES

SAMPLE NUMBER	NTCSS12600	NTCSS12700	NTCSS12800	NTCSS12900	NTCSS13000
SAMPLE DATE	6/29/97	6/29/97	6/29/97	6/29/97	6/29/97
PARAMETER	RESULTS	RESULTS	RESULTS	RESULTS	RESULTS
VOLATILES					
1,1,1-TRICHLOROETHANE	6.0 U UG/KG	6.2 U UG/KG	5.5 UJ UG/KG	5.6 U UG/KG	6.0 U UG/KG
1,1,2,2-TETRACHLOROETHANE	6.0 UJ UG/KG	6.2 U UG/KG	5.5 UJ UG/KG	5.6 UJ UG/KG	6.0 U UG/KG
1,1,2-TRICHLOROETHANE	6.0 U UG/KG	6.2 U UG/KG	5.5 UJ UG/KG	5.6 U UG/KG	6.0 U UG/KG
1,1-DICHLOROETHANE	6.0 U UG/KG	6.2 U UG/KG	5.5 UJ UG/KG	5.6 U UG/KG	6.0 U UG/KG
1,1-DICHLOROETHENE	6.0 U UG/KG	6.2 U UG/KG	5.5 UJ UG/KG	5.6 U UG/KG	6.0 U UG/KG
1,2-DICHLOROETHANE	6.0 U UG/KG	6.2 U UG/KG	5.5 UJ UG/KG	5.6 U UG/KG	6.0 U UG/KG
1,2-DICHLOROPROPANE	6.0 U UG/KG	6.2 U UG/KG	5.5 UJ UG/KG	5.6 U UG/KG	6.0 U UG/KG
2-BUTANONE	12 U UG/KG	12 U UG/KG	11 UJ UG/KG	11 U UG/KG	12 U UG/KG
2-HEXANONE	12 U UG/KG	12 U UG/KG	11 UJ UG/KG	11 U UG/KG	12 U UG/KG
4-METHYL-2-PENTANONE	12 UJ UG/KG	12 U UG/KG	11 UJ UG/KG	11 U UG/KG	12 U UG/KG
ACETONE	12 UR UG/KG	12 UR UG/KG	11 UR UG/KG	11 UR UG/KG	12 U UG/KG
BENZENE	6.0 U UG/KG	6.2 U UG/KG	5.5 UJ UG/KG	5.6 U UG/KG	6.0 U UG/KG
BROMODICHLOROMETHANE	6.0 U UG/KG	6.2 U UG/KG	5.5 UJ UG/KG	5.6 U UG/KG	6.0 U UG/KG
BROMOFORM	6.0 U UG/KG	6.2 U UG/KG	5.5 UJ UG/KG	5.6 U UG/KG	6.0 U UG/KG
BROMOMETHANE	12 U UG/KG	12 U UG/KG	11 UJ UG/KG	11 U UG/KG	12 U UG/KG
CARBON DISULFIDE	6.0 U UG/KG	6.2 U UG/KG	5.5 UJ UG/KG	5.6 U UG/KG	6.0 U UG/KG
CARBON TETRACHLORIDE	6.0 U UG/KG	6.2 U UG/KG	5.5 UJ UG/KG	5.6 U UG/KG	6.0 U UG/KG
CHLOROBENZENE	6.0 U UG/KG	6.2 U UG/KG	5.5 UJ UG/KG	5.6 U UG/KG	6.0 U UG/KG
CHLOROETHANE	6.0 U UG/KG	6.2 U UG/KG	5.5 UJ UG/KG	5.6 U UG/KG	6.0 U UG/KG
CHLOROFORM	6.0 U UG/KG	6.2 U UG/KG	5.5 UJ UG/KG	5.6 U UG/KG	6.0 U UG/KG
CHLOROMETHANE	12 U UG/KG	12 U UG/KG	11 UJ UG/KG	11 U UG/KG	12 U UG/KG
CIS-1,2-DICHLOROETHENE	6.0 U UG/KG	6.2 U UG/KG	5.5 UJ UG/KG	5.6 U UG/KG	6.0 U UG/KG
CIS-1,3-DICHLOROPROPENE	6.0 U UG/KG	6.2 U UG/KG	5.5 UJ UG/KG	5.6 U UG/KG	6.0 U UG/KG
DIBROMOCHLOROMETHANE	6.0 U UG/KG	6.2 U UG/KG	5.5 UJ UG/KG	5.6 U UG/KG	6.0 U UG/KG
ETHYLBENZENE	6.0 U UG/KG	6.2 U UG/KG	5.5 UJ UG/KG	5.6 U UG/KG	6.0 U UG/KG
METHYLENE CHLORIDE	6.0 U UG/KG	6.2 U UG/KG	5.5 UJ UG/KG	5.6 U UG/KG	6.0 U UG/KG
STYRENE	6.0 U UG/KG	6.2 U UG/KG	5.5 UJ UG/KG	5.6 U UG/KG	6.0 U UG/KG
TETRACHLOROETHENE	6.0 UJ UG/KG	6.2 U UG/KG	5.5 UJ UG/KG	5.6 U UG/KG	6.0 U UG/KG
TOLUENE	6.0 U UG/KG	6.2 U UG/KG	5.5 UJ UG/KG	5.6 U UG/KG	5.8 U UG/KG
TRANS-1,2-DICHLOROETHENE	6.0 U UG/KG	6.2 U UG/KG	5.5 UJ UG/KG	5.6 U UG/KG	6.0 U UG/KG
TRANS-1,3-DICHLOROPROPENE	6.0 U UG/KG	6.2 U UG/KG	5.5 UJ UG/KG	5.6 U UG/KG	6.0 U UG/KG
TRICHLOROETHENE	6.0 U UG/KG	6.2 U UG/KG	5.5 UJ UG/KG	5.6 U UG/KG	6.0 U UG/KG
VINYL CHLORIDE	6.0 U UG/KG	6.2 U UG/KG	5.5 UJ UG/KG	5.6 U UG/KG	6.0 U UG/KG
XYLENES, TOTAL	6.0 U UG/KG	6.2 U UG/KG	5.5 UJ UG/KG	5.6 U UG/KG	6.0 U UG/KG
SEMIVOLATILES					
1,2,4-TRICHLOROBENZENE	380 UJ UG/KG	380 U UG/KG	370 U UG/KG	370 U UG/KG	370 U UG/KG

SAMPLE NUMBER	NTCSS12600	NTCSS12700	NTCSS12800	NTCSS12900	NTCSS13000
SAMPLE DATE	6/29/97	6/29/97	6/29/97	6/29/97	6/29/97
PARAMETER	RESULTS	RESULTS	RESULTS	RESULTS	RESULTS
1,2-DICHLOROBENZENE	380 UJ UG/KG	380 U UG/KG	370 U UG/KG	370 U UG/KG	370 U UG/KG
1,3-DICHLOROBENZENE	380 UJ UG/KG	380 U UG/KG	370 U UG/KG	370 U UG/KG	370 U UG/KG
1,4-DICHLOROBENZENE	380 UJ UG/KG	380 U UG/KG	370 U UG/KG	370 U UG/KG	370 U UG/KG
2,4,5-TRICHLOROPHENOL	380 UJ UG/KG	380 U UG/KG	370 U UG/KG	370 U UG/KG	370 U UG/KG
2,4,6-TRICHLOROPHENOL	380 UJ UG/KG	380 U UG/KG	370 U UG/KG	370 U UG/KG	370 U UG/KG
2,4-DICHLOROPHENOL	380 UJ UG/KG	380 U UG/KG	370 U UG/KG	370 U UG/KG	370 U UG/KG
2,4-DIMETHYLPHENOL	950 UJ UG/KG	950 U UG/KG	920 U UG/KG	930 U UG/KG	920 U UG/KG
2,4-DINITROPHENOL	950 UJ UG/KG	950 U UG/KG	920 U UG/KG	930 U UG/KG	920 U UG/KG
2,4-DINITROTOLUENE	380 UJ UG/KG	380 U UG/KG	370 U UG/KG	370 U UG/KG	370 U UG/KG
2,6-DINITROTOLUENE	380 UJ UG/KG	380 U UG/KG	370 U UG/KG	370 U UG/KG	370 U UG/KG
2-CHLORONAPHTHALENE	380 UJ UG/KG	380 U UG/KG	370 U UG/KG	370 U UG/KG	370 U UG/KG
2-CHLOROPHENOL	380 UJ UG/KG	380 U UG/KG	370 U UG/KG	370 U UG/KG	370 U UG/KG
2-METHYLNAPHTHALENE	380 UJ UG/KG	380 U UG/KG	370 U UG/KG	370 U UG/KG	370 U UG/KG
2-METHYLPHENOL	380 UJ UG/KG	380 U UG/KG	370 U UG/KG	370 U UG/KG	370 U UG/KG
2-NITROANILINE	380 UJ UG/KG	380 U UG/KG	370 U UG/KG	370 U UG/KG	370 U UG/KG
2-NITROPHENOL	380 UJ UG/KG	380 U UG/KG	370 U UG/KG	370 U UG/KG	370 U UG/KG
3&4-METHYLPHENOL	380 UJ UG/KG	380 U UG/KG	370 U UG/KG	370 U UG/KG	370 U UG/KG
3,3'-DICHLOROBENZIDINE	950 UJ UG/KG	950 UJ UG/KG	920 UJ UG/KG	930 UJ UG/KG	920 UJ UG/KG
3-NITROANILINE	380 UJ UG/KG	380 U UG/KG	370 U UG/KG	370 U UG/KG	370 U UG/KG
4,6-DINITRO-2-METHYLPHENOL	380 UJ UG/KG	380 U UG/KG	370 U UG/KG	370 U UG/KG	370 U UG/KG
4-BROMOPHENYL PHENYL ETHER	380 UJ UG/KG	380 U UG/KG	370 U UG/KG	370 U UG/KG	370 U UG/KG
4-CHLORO-3-METHYLPHENOL	950 UJ UG/KG	950 U UG/KG	920 U UG/KG	930 U UG/KG	920 U UG/KG
4-CHLOROANILINE	380 UJ UG/KG	380 U UG/KG	370 U UG/KG	370 U UG/KG	370 U UG/KG
4-CHLOROPHENYL PHENYL ETHER	380 UJ UG/KG	380 U UG/KG	370 U UG/KG	370 U UG/KG	370 U UG/KG
4-NITROANILINE	380 UJ UG/KG	380 U UG/KG	370 U UG/KG	370 U UG/KG	370 U UG/KG
4-NITROPHENOL	950 UJ UG/KG	950 U UG/KG	920 U UG/KG	930 U UG/KG	920 U UG/KG
ACENAPHTHENE	380 UJ UG/KG	380 U UG/KG	370 U UG/KG	370 U UG/KG	370 U UG/KG
ACENAPHTHYLENE	380 UJ UG/KG	380 U UG/KG	370 U UG/KG	370 U UG/KG	370 U UG/KG
ANTHRACENE	380 UJ UG/KG	380 U UG/KG	370 U UG/KG	370 U UG/KG	370 U UG/KG
BENZO(A)ANTHRACENE	380 UJ UG/KG	380 UJ UG/KG	370 UJ UG/KG	370 UJ UG/KG	370 UJ UG/KG
BENZO(A)PYRENE	48 J UG/KG	95 U UG/KG	92 UJ UG/KG	93 U UG/KG	92 U UG/KG
BENZO(B)FLUORANTHENE	380 UJ UG/KG	380 UJ UG/KG	370 U UG/KG	370 UJ UG/KG	370 U UG/KG
BENZO(G,H,I)PERYLENE	380 UJ UG/KG	380 UJ UG/KG	370 U UG/KG	370 UJ UG/KG	370 U UG/KG
BENZO(K)FLUORANTHENE	380 UJ UG/KG	380 UJ UG/KG	370 U UG/KG	370 UJ UG/KG	370 U UG/KG
BIS(2-CHLOROETHOXY)METHANE	380 UJ UG/KG	380 U UG/KG	370 U UG/KG	370 U UG/KG	370 U UG/KG
BIS(2-CHLOROETHYL)ETHER	380 UJ UG/KG	380 U UG/KG	370 U UG/KG	370 U UG/KG	370 U UG/KG
BIS(2-CHLOROISOPROPYL) ETHER	380 UJ UG/KG	380 UJ UG/KG	370 U UG/KG	370 UJ UG/KG	370 U UG/KG

SURFACE SOIL SAMPLES

SAMPLE NUMBER	NTCSS12600	NTCSS12700	NTCSS12800	NTCSS12900	NTCSS13000
SAMPLE DATE	6/29/97	6/29/97	6/29/97	6/29/97	6/29/97
PARAMETER	RESULTS	RESULTS	RESULTS	RESULTS	RESULTS
BIS(2-ETHYLHEXYL)PHTHALATE	380 UJ UG/KG	380 U UG/KG	370 UJ UG/KG	370 U UG/KG	370 UJ UG/KG
BUTYLBENZYL PHTHALATE	380 UJ UG/KG	380 UJ UG/KG	370 UJ UG/KG	370 UJ UG/KG	370 UJ UG/KG
CARBAZOLE	380 UJ UG/KG	380 U UG/KG	370 U UG/KG	370 U UG/KG	370 U UG/KG
CHRYSENE	380 UJ UG/KG	380 UJ UG/KG	370 UJ UG/KG	370 UJ UG/KG	370 UJ UG/KG
DI-N-BUTYL PHTHALATE	380 UJ UG/KG	380 U UG/KG	370 U UG/KG	370 U UG/KG	370 U UG/KG
DI-N-OCTYL PHTHALATE	380 UJ UG/KG	380 UJ UG/KG	370 U UG/KG	370 UJ UG/KG	370 U UG/KG
DIBENZO(A,H)ANTHRACENE	190 UJ UG/KG	95 U UG/KG	92 UJ UG/KG	93 U UG/KG	92 U UG/KG
DIBENZOFURAN	380 UJ UG/KG	380 U UG/KG	370 U UG/KG	370 U UG/KG	370 U UG/KG
DIETHYL PHTHALATE	380 UJ UG/KG	380 U UG/KG	370 U UG/KG	370 U UG/KG	370 U UG/KG
DIMETHYL PHTHALATE	380 UJ UG/KG	380 U UG/KG	370 U UG/KG	370 U UG/KG	370 U UG/KG
FLUORANTHENE	380 UJ UG/KG	380 UJ UG/KG	370 U UG/KG	370 UJ UG/KG	370 U UG/KG
FLUORENE	380 UJ UG/KG	380 U UG/KG	370 U UG/KG	370 U UG/KG	370 U UG/KG
HEXACHLOROBENZENE	380 UJ UG/KG	380 U UG/KG	370 U UG/KG	370 U UG/KG	370 U UG/KG
HEXACHLOROBUTADIENE	380 UJ UG/KG	380 U UG/KG	370 U UG/KG	370 U UG/KG	370 U UG/KG
HEXACHLOROCYCLOPENTADIENE	380 UJ UG/KG	380 U UG/KG	370 U UG/KG	370 U UG/KG	370 U UG/KG
HEXACHLOROETHANE	380 UJ UG/KG	380 U UG/KG	370 U UG/KG	370 U UG/KG	370 U UG/KG
INDENO(1,2,3-CD)PYRENE	380 UJ UG/KG	380 UJ UG/KG	370 U UG/KG	370 UJ UG/KG	370 U UG/KG
ISOPHORONE	380 UJ UG/KG	380 U UG/KG	370 U UG/KG	370 U UG/KG	370 U UG/KG
N-NITROSO-DI-N-PROPYLAMINE	38 U UG/KG	19 U UG/KG	18 U UG/KG	19 U UG/KG	18 U UG/KG
N-NITROSODIPHENYLAMINE	380 UJ UG/KG	380 U UG/KG	370 U UG/KG	370 U UG/KG	370 U UG/KG
NAPHTHALENE	380 UJ UG/KG	380 U UG/KG	370 U UG/KG	370 U UG/KG	370 U UG/KG
NITROBENZENE	380 UJ UG/KG	380 U UG/KG	370 U UG/KG	370 U UG/KG	370 U UG/KG
PHENANTHRENE	380 UJ UG/KG	380 U UG/KG	370 U UG/KG	370 U UG/KG	370 U UG/KG
PHENOL	380 UJ UG/KG	380 U UG/KG	370 U UG/KG	370 U UG/KG	370 U UG/KG
PYRENE	380 UJ UG/KG	380 UJ UG/KG	370 U UG/KG	370 UJ UG/KG	370 UJ UG/KG
HERBICIDES					
2,4,5-T	1.6 U UG/KG	1.6 U UG/KG	1.4 U UG/KG	1.4 U UG/KG	1.6 U UG/KG
2,4,5-TP (SILVEX)	1.8 U UG/KG	1.9 U UG/KG	1.7 U UG/KG	1.7 U UG/KG	1.8 U UG/KG
2,4-D	8.4 U UG/KG	8.8 U UG/KG	7.7 U UG/KG	7.7 U UG/KG	8.4 U UG/KG
2,4-DB	4.8 U UG/KG	5 U UG/KG	4.4 U UG/KG	4.4 U UG/KG	4.8 U UG/KG
DALAPON	9.6 UR UG/KG	10 UR UG/KG	8.8 UR UG/KG	8.8 UR UG/KG	9.6 U UG/KG
DICAMBA	4.8 U UG/KG	5 U UG/KG	4.4 U UG/KG	4.4 U UG/KG	4.8 U UG/KG
DICHLOROPROP	24 U UG/KG	25 U UG/KG	22 U UG/KG	22 U UG/KG	24 U UG/KG
DINOSEB	4.8 U UG/KG	5 U UG/KG	4.4 U UG/KG	4.4 U UG/KG	4.8 U UG/KG
MCPA	2400 UR UG/KG	2500 UR UG/KG	2200 UR UG/KG	2200 UR UG/KG	2400 U UG/KG
MCPP	1200 UR UG/KG	1200 UR UG/KG	1100 UR UG/KG	1100 UR UG/KG	1200 U UG/KG
PENTACHLOROPHENOL	2.4 U UG/KG	2.5 U UG/KG	2.2 U UG/KG	2.2 U UG/KG	2.4 U UG/KG

SURFACE SOIL SAMPLES

SAMPLE NUMBER	NTCSS12600	NTCSS12700	NTCSS12800	NTCSS12900	NTCSS13000
SAMPLE DATE	6/29/97	6/29/97	6/29/97	6/29/97	6/29/97
PARAMETER	RESULTS	RESULTS	RESULTS	RESULTS	RESULTS
PESTICIDES/PCBS					
4,4'-DDD	2.2 U UG/KG	2.2 U UG/KG	1.9 U UG/KG	2.0 U UG/KG	2.1 U UG/KG
4,4'-DDE	1.0 U UG/KG	1.0 U UG/KG	0.94 U UG/KG	4.5 J UG/KG	1.0 U UG/KG
4,4'-DDT	4.8 U UG/KG	4.9 U UG/KG	9.1 J UG/KG	4.4 U UG/KG	4.8 U UG/KG
ALDRIN	3.8 U UG/KG	3.9 U UG/KG	3.4 U UG/KG	3.5 U UG/KG	3.8 U UG/KG
ALPHA-BHC	0.84 U UG/KG	0.85 U UG/KG	0.76 U UG/KG	0.78 U UG/KG	0.83 U UG/KG
ALPHA-CHLORDANE	0.88 U UG/KG	0.90 U UG/KG	0.79 U UG/KG	0.82 U UG/KG	0.87 U UG/KG
AROCLOR-1016					
AROCLOR-1221					
AROCLOR-1232					
AROCLOR-1242					
AROCLOR-1248					
AROCLOR-1254					
AROCLOR-1260					
BETA-BHC	1.2 U UG/KG	1.2 U UG/KG	1.1 U UG/KG	1.1 U UG/KG	1.2 U UG/KG
DELTA-BHC	1.5 U UG/KG	1.5 U UG/KG	1.3 U UG/KG	1.4 U UG/KG	1.5 U UG/KG
DIELDRIN	1.0 U UG/KG	1.0 U UG/KG	0.94 U UG/KG	0.96 U UG/KG	1.0 U UG/KG
ENDOSULFAN I	1.1 U UG/KG	1.1 U UG/KG	0.97 U UG/KG	1.0 U UG/KG	1.1 U UG/KG
ENDOSULFAN II	1.4 U UG/KG	1.4 U UG/KG	1.2 U UG/KG	1.3 U UG/KG	1.3 U UG/KG
ENDOSULFAN SULFATE	4.4 U UG/KG	4.5 U UG/KG	4.0 U UG/KG	4.1 U UG/KG	4.4 U UG/KG
ENDRIN	1.7 U UG/KG	1.8 U UG/KG	1.6 U UG/KG	1.6 U UG/KG	1.7 U UG/KG
ENDRIN ALDEHYDE	1.6 U UG/KG	1.6 U UG/KG	1.4 U UG/KG	1.5 U UG/KG	1.6 U UG/KG
ENDRIN KETONE	8.0 U UG/KG	8.1 U UG/KG	7.2 U UG/KG	7.4 U UG/KG	7.9 U UG/KG
GAMMA-BHC (LINDANE)	0.88 U UG/KG	0.90 U UG/KG	0.79 U UG/KG	0.82 U UG/KG	0.87 U UG/KG
GAMMA-CHLORDANE	1.0 U UG/KG	1.0 U UG/KG	0.90 U UG/KG	0.93 U UG/KG	0.99 U UG/KG
HEPTACHLOR	1.0 U UG/KG	1.0 U UG/KG	0.94 U UG/KG	0.96 U UG/KG	1.0 U UG/KG
HEPTACHLOR EPOXIDE	1.1 U UG/KG	1.1 U UG/KG	0.97 U UG/KG	1.0 U UG/KG	1.1 U UG/KG
METHOXYCHLOR	7.2 U UG/KG	7.3 U UG/KG	6.5 U UG/KG	6.7 U UG/KG	7.1 U UG/KG
TOXAPHENE	80 U UG/KG	81 U UG/KG	72 U UG/KG	74 U UG/KG	79 U UG/KG
PETROLEUM HYDROCARBONS					
DIESEL RANGE ORGANICS	10.4 MG/KG	9.5 U MG/KG	9.2 U MG/KG	9.3 U MG/KG	8.09 J MG/KG
GASOLINE RANGE ORGANICS	0.11 U MG/KG	0.11 U MG/KG	0.11 UJ MG/KG	0.11 UJ MG/KG	0.11 U MG/KG
MISC					
CATION EX. CAPACITY		2010 MG/KG			
TOTAL ORGANIC CARBON		16700 MG/KG			
METALS					
ALUMINUM	1110 MG/KG	741 MG/KG	524 MG/KG	821 MG/KG	3540 MG/KG

SURFACE SOIL SAMPLES

SAMPLE NUMBER	NTCSS12600	NTCSS12700	NTCSS12800	NTCSS12900	NTCSS13000
SAMPLE DATE	6/29/97	6/29/97	6/29/97	6/29/97	6/29/97
PARAMETER	RESULTS	RESULTS	RESULTS	RESULTS	RESULTS
ANTIMONY	0.32 U MG/KG	0.33 U MG/KG	0.30 U MG/KG	0.30 U MG/KG	0.32 U MG/KG
ARSENIC	2.5 MG/KG	1.5 MG/KG	1.5 MG/KG	0.76 MG/KG	1.2 MG/KG
BARIUM	3.8 MG/KG	2.8 MG/KG	3.5 MG/KG	3.6 MG/KG	10.5 MG/KG
BERYLLIUM	0.07 U MG/KG	0.05 U MG/KG	0.03 U MG/KG	0.03 U MG/KG	0.11 U MG/KG
CADMIUM	0.06 U MG/KG	0.06 U MG/KG	0.06 U MG/KG	0.06 U MG/KG	0.06 U MG/KG
CALCIUM	16000 J MG/KG	1040 J MG/KG	8250 J MG/KG	939 J MG/KG	964 MG/KG
CHROMIUM	1.9 MG/KG	1.2 U MG/KG	1.2 U MG/KG	1.2 U MG/KG	3.9 MG/KG
COBALT	0.20 U MG/KG	0.21 U MG/KG	0.19 U MG/KG	0.19 U MG/KG	0.20 U MG/KG
COPPER	1.9 U MG/KG	2.5 U MG/KG	1.6 U MG/KG	1.7 U MG/KG	1.3 MG/KG
CYANIDE	1.1 UJ MG/KG	1.1 UJ MG/KG	1.1 UJ MG/KG	1.1 UJ MG/KG	1.1 UR MG/KG
IRON	306 J MG/KG	252 J MG/KG	137 J MG/KG	176 J MG/KG	972 MG/KG
LEAD	3.8 J MG/KG	3.4 J MG/KG	2.2 J MG/KG	3.0 J MG/KG	4.7 MG/KG
MAGNESIUM	332 MG/KG	75.6 MG/KG	97.9 MG/KG	70.6 MG/KG	122 MG/KG
MANGANESE	10.2 MG/KG	2.8 MG/KG	3.9 MG/KG	3.3 MG/KG	4.0 MG/KG
MERCURY	0.10 U MG/KG	0.10 U MG/KG	0.09 U MG/KG	0.09 U MG/KG	0.10 U MG/KG
NICKEL	0.54 MG/KG	0.25 U MG/KG	0.22 U MG/KG	0.22 U MG/KG	1.0 MG/KG
POTASSIUM	40.7 MG/KG	25.2 MG/KG	40.7 MG/KG	29.5 MG/KG	46.1 MG/KG
SELENIUM	0.45 MG/KG	0.45 U MG/KG	0.41 U MG/KG	0.41 U MG/KG	0.44 U MG/KG
SILVER	0.24 U MG/KG	0.25 U MG/KG	0.22 U MG/KG	0.22 U MG/KG	0.24 U MG/KG
SODIUM	99.2 U MG/KG	101 U MG/KG	90.7 U MG/KG	92.5 U MG/KG	99.2 U MG/KG
THALLIUM	0.48 U MG/KG	0.49 U MG/KG	0.44 U MG/KG	0.45 U MG/KG	0.48 U MG/KG
VANADIUM	1.6 MG/KG	0.61 MG/KG	0.50 MG/KG	0.51 MG/KG	3.4 MG/KG
ZINC	4.1 U MG/KG	2.7 U MG/KG	1.6 U MG/KG	2.1 U MG/KG	1.8 U MG/KG
RADIOLOGICAL					
GROSS ALPHA	0.554 +/- 0.220 PCI/G	0.664 +/- 0.110 PCI/G	0.548 +/- 0.143 PCI/G	0.639 +/- 0.108 PCI/G	1.19 +/- 0.173 PCI/G
GROSS BETA	-0.562 +/- 0.050 U PCI/G	0.599 +/- 0.099 PCI/G	0.339 +/- 0.133 PCI/G	0.558 +/- 0.101 PCI/G	0.765 +/- 0.115 PCI/G

SAMPLE NUMBER	NTCSS13100	NTCSS13200	NTCSS13300	NTCSS13400	NTCSS13500
SAMPLE DATE	6/29/97	6/29/97	6/29/97	6/29/97	6/29/97
PARAMETER	RESULTS	RESULTS	RESULTS	RESULTS	RESULTS
VOLATILES					
1,1,1-TRICHLOROETHANE	5 6 U UG/KG	5.8 U UG/KG	5.8 U UG/KG	5.6 U UG/KG	5.6 U UG/KG
1,1,2,2-TETRACHLOROETHANE	5 6 UJ UG/KG	5.8 UJ UG/KG	5.8 U UG/KG	5.6 U UG/KG	5.6 U UG/KG
1,1,2-TRICHLOROETHANE	5 6 U UG/KG	5.8 U UG/KG	5.8 U UG/KG	5.6 U UG/KG	5.6 U UG/KG
1,1-DICHLOROETHANE	5.6 U UG/KG	5.8 U UG/KG	5.8 U UG/KG	5.6 U UG/KG	5.6 U UG/KG
1,1-DICHLOROETHENE	5 6 U UG/KG	5.8 U UG/KG	5.8 U UG/KG	5.6 U UG/KG	5.6 U UG/KG
1,2-DICHLOROETHANE	5 6 U UG/KG	5.8 U UG/KG	5.8 U UG/KG	5.6 U UG/KG	5.6 U UG/KG
1,2-DICHLOROPROPANE	5.6 U UG/KG	5.8 U UG/KG	5.8 U UG/KG	5.6 U UG/KG	5.6 U UG/KG
2-BUTANONE	11 U UG/KG	12 U UG/KG	12 U UG/KG	11 U UG/KG	11 UR UG/KG
2-HEXANONE	11 U UG/KG	12 U UG/KG	12 U UG/KG	11 U UG/KG	11 U UG/KG
4-METHYL-2-PENTANONE	11 U UG/KG	12 U UG/KG	12 U UG/KG	11 U UG/KG	11 U UG/KG
ACETONE	11 UR UG/KG	12 UR UG/KG	12 UJ UG/KG	11 UR UG/KG	11 UR UG/KG
BENZENE	5 6 U UG/KG	5.8 U UG/KG	5.8 UR UG/KG	5.6 U UG/KG	5.6 U UG/KG
BROMODICHLOROMETHANE	5 6 U UG/KG	5.8 U UG/KG	5.8 U UG/KG	5.6 U UG/KG	5.6 U UG/KG
BROMOFORM	5 6 UJ UG/KG	5.8 UJ UG/KG	5.8 U UG/KG	5.6 U UG/KG	5.6 U UG/KG
BROMOMETHANE	11 U UG/KG	12 U UG/KG	12 U UG/KG	11 U UG/KG	11 U UG/KG
CARBON DISULFIDE	5 6 U UG/KG	5.8 U UG/KG	5.8 U UG/KG	5.6 U UG/KG	5.6 U UG/KG
CARBON TETRACHLORIDE	5 6 U UG/KG	5.8 U UG/KG	5.8 U UG/KG	5.6 U UG/KG	5.6 U UG/KG
CHLOROBENZENE	5.6 UJ UG/KG	5.8 UJ UG/KG	5.8 U UG/KG	5.6 U UG/KG	5.6 U UG/KG
CHLOROETHANE	5.6 U UG/KG	5.8 U UG/KG	5.8 U UG/KG	5.6 U UG/KG	5.6 U UG/KG
CHLOROFORM	5.6 U UG/KG	5.8 U UG/KG	5.8 U UG/KG	5.6 U UG/KG	5.6 U UG/KG
CHLOROMETHANE	11 U UG/KG	12 U UG/KG	12 U UG/KG	11 U UG/KG	11 U UG/KG
CIS-1,2-DICHLOROETHENE	5.6 U UG/KG	5.8 U UG/KG	5.8 U UG/KG	5.6 U UG/KG	5.6 U UG/KG
CIS-1,3-DICHLOROPROPENE	5.6 U UG/KG	5.8 U UG/KG	5.8 U UG/KG	5.6 U UG/KG	5.6 U UG/KG
DIBROMOCHLOROMETHANE	5.6 UJ UG/KG	5.8 UJ UG/KG	5.8 U UG/KG	5.6 U UG/KG	5.6 U UG/KG
ETHYLBENZENE	5.6 UJ UG/KG	5.8 UJ UG/KG	5.8 U UG/KG	5.6 U UG/KG	5.6 U UG/KG
METHYLENE CHLORIDE	5.6 U UG/KG	5.8 U UG/KG	5.8 U UG/KG	5.6 U UG/KG	5.6 U UG/KG
STYRENE	5.6 UJ UG/KG	5.8 UJ UG/KG	5.8 U UG/KG	5.6 U UG/KG	5.6 U UG/KG
TETRACHLOROETHENE	5.6 UJ UG/KG	5.8 UJ UG/KG	5.8 UJ UG/KG	5.6 U UG/KG	5.6 U UG/KG
TOLUENE	5.6 U UG/KG	5.8 U UG/KG	5.8 U UG/KG	5.6 U UG/KG	5.6 U UG/KG
TRANS-1,2-DICHLOROETHENE	5.6 U UG/KG	5.8 U UG/KG	5.8 U UG/KG	5.6 U UG/KG	5.6 U UG/KG
TRANS-1,3-DICHLOROPROPENE	5.6 U UG/KG	5.8 U UG/KG	5.8 U UG/KG	5.6 U UG/KG	5.6 U UG/KG
TRICHLOROETHENE	5.6 U UG/KG	5.8 U UG/KG	5.8 U UG/KG	5.6 U UG/KG	5.6 U UG/KG
VINYL CHLORIDE	5.6 U UG/KG	5.8 U UG/KG	5.8 U UG/KG	5.6 U UG/KG	5.6 U UG/KG
XYLENES, TOTAL	5.6 UJ UG/KG	5.8 U UG/KG	5.8 U UG/KG	5.6 U UG/KG	5.6 U UG/KG
SEMIVOLATILES					
1,2,4-TRICHLOROBENZENE	390 U UG/KG	390 UJ UG/KG	370 U UG/KG	380 UJ UG/KG	370 U UG/KG

SAMPLE NUMBER	NTCSS13100	NTCSS13200	NTCSS13300	NTCSS13400	NTCSS13500
SAMPLE DATE	6/29/97	6/29/97	6/29/97	6/29/97	6/29/97
PARAMETER	RESULTS	RESULTS	RESULTS	RESULTS	RESULTS
1,2-DICHLOROBENZENE	390 U UG/KG	390 UJ UG/KG	370 U UG/KG	380 UJ UG/KG	370 U UG/KG
1,3-DICHLOROBENZENE	390 U UG/KG	390 UJ UG/KG	370 U UG/KG	380 UJ UG/KG	370 U UG/KG
1,4-DICHLOROBENZENE	390 U UG/KG	390 UJ UG/KG	370 U UG/KG	380 UJ UG/KG	370 U UG/KG
2,4,5-TRICHLOROPHENOL	390 U UG/KG	390 UJ UG/KG	370 U UG/KG	380 UJ UG/KG	370 U UG/KG
2,4,6-TRICHLOROPHENOL	390 U UG/KG	390 UJ UG/KG	370 U UG/KG	380 UJ UG/KG	370 U UG/KG
2,4-DICHLOROPHENOL	390 U UG/KG	390 UJ UG/KG	370 U UG/KG	380 UJ UG/KG	370 U UG/KG
2,4-DIMETHYLPHENOL	970 U UG/KG	970 UJ UG/KG	920 U UG/KG	940 UJ UG/KG	930 U UG/KG
2,4-DINITROPHENOL	970 U UG/KG	970 UJ UG/KG	920 U UG/KG	940 UJ UG/KG	930 U UG/KG
2,4-DINITROTOLUENE	390 U UG/KG	390 UJ UG/KG	370 U UG/KG	380 UJ UG/KG	370 U UG/KG
2,6-DINITROTOLUENE	390 U UG/KG	390 UJ UG/KG	370 U UG/KG	380 UJ UG/KG	370 U UG/KG
2-CHLORONAPHTHALENE	390 U UG/KG	390 UJ UG/KG	370 U UG/KG	380 UJ UG/KG	370 U UG/KG
2-CHLOROPHENOL	390 U UG/KG	390 UJ UG/KG	370 U UG/KG	380 UJ UG/KG	370 U UG/KG
2-METHYLNAPHTHALENE	390 U UG/KG	390 UJ UG/KG	370 U UG/KG	380 UJ UG/KG	370 U UG/KG
2-METHYLPHENOL	390 U UG/KG	390 UJ UG/KG	370 U UG/KG	380 UJ UG/KG	370 U UG/KG
2-NITROANILINE	390 U UG/KG	390 UJ UG/KG	370 U UG/KG	380 UJ UG/KG	370 U UG/KG
2-NITROPHENOL	390 U UG/KG	390 UJ UG/KG	370 U UG/KG	380 UJ UG/KG	370 U UG/KG
3&4-METHYLPHENOL	390 U UG/KG	390 UJ UG/KG	370 U UG/KG	380 UJ UG/KG	370 U UG/KG
3,3'-DICHLOROBENZIDINE	970 U UG/KG	970 UJ UG/KG	920 UJ UG/KG	940 UJ UG/KG	930 UJ UG/KG
3-NITROANILINE	390 U UG/KG	390 UJ UG/KG	370 U UG/KG	380 UJ UG/KG	370 U UG/KG
4,6-DINITRO-2-METHYLPHENOL	390 U UG/KG	390 UJ UG/KG	370 U UG/KG	380 UJ UG/KG	370 U UG/KG
4-BROMOPHENYL PHENYL ETHER	390 U UG/KG	390 UJ UG/KG	370 U UG/KG	380 UJ UG/KG	370 U UG/KG
4-CHLORO-3-METHYLPHENOL	970 U UG/KG	970 UJ UG/KG	920 U UG/KG	940 UJ UG/KG	930 U UG/KG
4-CHLOROANILINE	390 U UG/KG	390 UJ UG/KG	370 U UG/KG	380 UJ UG/KG	370 U UG/KG
4-CHLOROPHENYL PHENYL ETHER	390 U UG/KG	390 UJ UG/KG	370 U UG/KG	380 UJ UG/KG	370 U UG/KG
4-NITROANILINE	390 U UG/KG	390 UJ UG/KG	370 U UG/KG	380 UJ UG/KG	370 U UG/KG
4-NITROPHENOL	970 U UG/KG	970 UJ UG/KG	920 U UG/KG	940 UJ UG/KG	930 U UG/KG
ACENAPHTHENE	390 U UG/KG	390 UJ UG/KG	370 U UG/KG	380 UJ UG/KG	370 U UG/KG
ACENAPHTHYLENE	390 U UG/KG	390 UJ UG/KG	370 U UG/KG	380 UJ UG/KG	370 U UG/KG
ANTHRACENE	390 U UG/KG	390 UJ UG/KG	370 U UG/KG	380 UJ UG/KG	370 U UG/KG
BENZO(A)ANTHRACENE	390 U UG/KG	390 UJ UG/KG	370 UJ UG/KG	380 UJ UG/KG	370 UJ UG/KG
BENZO(A)PYRENE	97 U UG/KG	97 UJ UG/KG	92 UJ UG/KG	94 UJ UG/KG	93 U UG/KG
BENZO(B)FLUORANTHENE	390 U UG/KG	390 UJ UG/KG	370 U UG/KG	380 UJ UG/KG	370 U UG/KG
BENZO(G,H,I)PERYLENE	390 U UG/KG	390 UJ UG/KG	370 U UG/KG	380 UJ UG/KG	370 U UG/KG
BENZO(K)FLUORANTHENE	390 U UG/KG	390 UJ UG/KG	370 U UG/KG	380 UJ UG/KG	370 U UG/KG
BIS(2-CHLOROETHOXY)METHANE	390 U UG/KG	390 UJ UG/KG	370 U UG/KG	380 UJ UG/KG	370 U UG/KG
BIS(2-CHLOROETHYL)ETHER	390 U UG/KG	390 UJ UG/KG	370 U UG/KG	380 UJ UG/KG	370 U UG/KG
BIS(2-CHLOROISOPROPYL) ETHER	390 U UG/KG	390 UJ UG/KG	370 U UG/KG	380 UJ UG/KG	370 U UG/KG

SAMPLE NUMBER	NTCSS13100	NTCSS13200	NTCSS13300	NTCSS13400	NTCSS13500
SAMPLE DATE	6/29/97	6/29/97	6/29/97	6/29/97	6/29/97
PARAMETER	RESULTS	RESULTS	RESULTS	RESULTS	RESULTS
BIS(2-ETHYLHEXYL)PHTHALATE	390 U UG/KG	390 UJ UG/KG	370 UJ UG/KG	380 UJ UG/KG	370 UJ UG/KG
BUTYLBENZYL PHTHALATE	390 U UG/KG	390 UJ UG/KG	370 UJ UG/KG	380 UJ UG/KG	370 UJ UG/KG
CARBAZOLE	390 U UG/KG	390 UJ UG/KG	370 U UG/KG	380 UJ UG/KG	370 U UG/KG
CHRYSENE	390 U UG/KG	390 UJ UG/KG	370 UJ UG/KG	380 UJ UG/KG	370 UJ UG/KG
DI-N-BUTYL PHTHALATE	390 U UG/KG	390 UJ UG/KG	370 U UG/KG	380 UJ UG/KG	370 U UG/KG
DI-N-OCTYL PHTHALATE	390 U UG/KG	390 UJ UG/KG	370 U UG/KG	380 UJ UG/KG	370 U UG/KG
DIBENZO(A,H)ANTHRACENE	97 U UG/KG	97 UJ UG/KG	92 UJ UG/KG	94 UJ UG/KG	93 U UG/KG
DIBENZOFURAN	390 U UG/KG	390 UJ UG/KG	370 U UG/KG	380 UJ UG/KG	370 U UG/KG
DIETHYL PHTHALATE	390 U UG/KG	390 UJ UG/KG	370 U UG/KG	380 UJ UG/KG	370 U UG/KG
DIMETHYL PHTHALATE	390 U UG/KG	390 UJ UG/KG	370 U UG/KG	380 UJ UG/KG	370 U UG/KG
FLUORANTHENE	390 U UG/KG	390 UJ UG/KG	370 UJ UG/KG	380 UJ UG/KG	370 U UG/KG
FLUORENE	390 U UG/KG	390 UJ UG/KG	370 U UG/KG	380 UJ UG/KG	370 U UG/KG
HEXACHLOROBENZENE	390 U UG/KG	390 UJ UG/KG	370 U UG/KG	380 UJ UG/KG	370 U UG/KG
HEXACHLOROBUTADIENE	390 U UG/KG	390 UJ UG/KG	370 U UG/KG	380 UJ UG/KG	370 U UG/KG
HEXACHLOROCYCLOPENTADIENE	390 U UG/KG	390 UJ UG/KG	370 U UG/KG	380 UJ UG/KG	370 U UG/KG
HEXACHLOROETHANE	390 U UG/KG	390 UJ UG/KG	370 U UG/KG	380 UJ UG/KG	370 U UG/KG
INDENO(1,2,3-CD)PYRENE	390 U UG/KG	390 UJ UG/KG	370 U UG/KG	380 UJ UG/KG	370 U UG/KG
ISOPHORONE	390 U UG/KG	390 UJ UG/KG	370 U UG/KG	380 UJ UG/KG	370 U UG/KG
N-NITROSO-DI-N-PROPYLAMINE	19 U UG/KG	19 UJ UG/KG	18 UJ UG/KG	19 UJ UG/KG	19 U UG/KG
N-NITROSODIPHENYLAMINE	390 U UG/KG	390 UJ UG/KG	370 U UG/KG	380 UJ UG/KG	370 U UG/KG
NAPHTHALENE	390 U UG/KG	390 UJ UG/KG	370 U UG/KG	380 UJ UG/KG	370 U UG/KG
NITROBENZENE	390 U UG/KG	390 UJ UG/KG	370 U UG/KG	380 UJ UG/KG	370 U UG/KG
PHENANTHRENE	390 U UG/KG	390 UJ UG/KG	370 U UG/KG	380 UJ UG/KG	370 U UG/KG
PHENOL	390 U UG/KG	390 UJ UG/KG	370 U UG/KG	380 UJ UG/KG	370 U UG/KG
PYRENE	390 U UG/KG	390 UJ UG/KG	370 UJ UG/KG	380 UJ UG/KG	370 U UG/KG
HERBICIDES					
2,4,5-T	1.5 U UG/KG	1.5 U UG/KG	1.5 U UG/KG	1.4 U UG/KG	1.4 U UG/KG
2,4,5-TP (SILVEX)	1.7 U UG/KG	1.7 U UG/KG	1.7 U UG/KG	1.7 U UG/KG	1.7 U UG/KG
2,4-D	7.9 U UG/KG	8 U UG/KG	8 U UG/KG	7.8 U UG/KG	7.8 U UG/KG
2,4-DB	4.5 U UG/KG	4.6 U UG/KG	4.6 U UG/KG	4.5 U UG/KG	4.5 U UG/KG
DALAPON	9 U UG/KG	9.2 U UG/KG	9.2 UR UG/KG	8.9 U UG/KG	9 U UG/KG
DICAMBA	4.5 U UG/KG	4.6 U UG/KG	4.6 U UG/KG	4.5 U UG/KG	4.5 U UG/KG
DICHLOROPROP	22 U UG/KG	23 U UG/KG	23 U UG/KG	22 U UG/KG	22 U UG/KG
DINOSEB	4.5 U UG/KG	4.6 U UG/KG	4.6 U UG/KG	4.5 U UG/KG	4.5 U UG/KG
MCPA	2200 U UG/KG	2300 U UG/KG	2300 UR UG/KG	2200 U UG/KG	2200 U UG/KG
MCPP	1100 U UG/KG	1100 U UG/KG	1200 UR UG/KG	1100 U UG/KG	1100 U UG/KG
PENTACHLOROPHENOL	2.2 U UG/KG	2.3 U UG/KG	2.3 U UG/KG	2.2 U UG/KG	2.2 U UG/KG

SURFACE SOIL SAMPLES

SAMPLE NUMBER	NTCSS13100	NTCSS13200	NTCSS13300	NTCSS13400	NTCSS13500
SAMPLE DATE	6/29/97	6/29/97	6/29/97	6/29/97	6/29/97
PARAMETER	RESULTS	RESULTS	RESULTS	RESULTS	RESULTS
PESTICIDES/PCBS					
4,4'-DDD	2 0 U UG/KG	2.0 U UG/KG	2.1 U UG/KG	2.1 U UG/KG	2.0 U UG/KG
4,4'-DDE	0 98 U UG/KG	0 98 U UG/KG	1.0 U UG/KG	1.0 U UG/KG	0.97 U UG/KG
4,4'-DDT	4 5 U UG/KG	4 5 U UG/KG	4.6 U UG/KG	4.6 U UG/KG	4.5 U UG/KG
ALDRIN	3 6 U UG/KG	3.6 U UG/KG	3.6 U UG/KG	3.7 U UG/KG	3.5 U UG/KG
ALPHA-BHC	0 79 U UG/KG	0.79 U UG/KG	0.80 U UG/KG	0.81 U UG/KG	0.78 U UG/KG
ALPHA-CHLORDANE	0 83 U UG/KG	0.83 U UG/KG	0.84 U UG/KG	0.85 U UG/KG	0.82 U UG/KG
AROCLOR-1016					
AROCLOR-1221					
AROCLOR-1232					
AROCLOR-1242					
AROCLOR-1248					
AROCLOR-1254					
AROCLOR-1260					
BETA-BHC	1 1 U UG/KG	1 1 U UG/KG	1.1 U UG/KG	1.2 U UG/KG	1.1 U UG/KG
DELTA-BHC	1 4 U UG/KG	1.4 U UG/KG	1.4 U UG/KG	1.4 U UG/KG	1.4 U UG/KG
DIELDRIN	0 98 U UG/KG	0 98 U UG/KG	1.0 U UG/KG	1.0 U UG/KG	0.97 U UG/KG
ENDOSULFAN I	1 0 U UG/KG	1.0 U UG/KG	1.0 U UG/KG	1.0 U UG/KG	1.0 U UG/KG
ENDOSULFAN II	1 3 U UG/KG	1.3 U UG/KG	1.3 U UG/KG	1.3 U UG/KG	1.3 U UG/KG
ENDOSULFAN SULFATE	4 1 U UG/KG	4.2 U UG/KG	4.2 U UG/KG	4.3 U UG/KG	4.1 U UG/KG
ENDRIN	1 6 U UG/KG	1.6 U UG/KG	1.6 U UG/KG	1.7 U UG/KG	1.6 U UG/KG
ENDRIN ALDEHYDE	1 5 U UG/KG	1.5 U UG/KG	1.5 U UG/KG	1.6 U UG/KG	1.5 U UG/KG
ENDRIN KETONE	7.5 U UG/KG	7.6 U UG/KG	7.7 U UG/KG	7.8 U UG/KG	7.5 U UG/KG
GAMMA-BHC (LINDANE)	0.83 U UG/KG	0.83 U UG/KG	0.84 U UG/KG	0.85 U UG/KG	0.82 U UG/KG
GAMMA-CHLORDANE	0.94 U UG/KG	0.94 U UG/KG	0.96 U UG/KG	0.97 U UG/KG	0.93 U UG/KG
HEPTACHLOR	1.6 UG/KG	0.98 U UG/KG	1.0 U UG/KG	1.0 U UG/KG	1.1 J UG/KG
HEPTACHLOR EPOXIDE	1.0 U UG/KG	1.0 U UG/KG	1.0 U UG/KG	1.0 U UG/KG	1.0 U UG/KG
METHOXYCHLOR	6.8 U UG/KG	6.8 U UG/KG	6.9 U UG/KG	7.0 U UG/KG	6.7 U UG/KG
TOXAPHENE	75 U UG/KG	76 U UG/KG	77 U UG/KG	78 U UG/KG	75 U UG/KG
PETROLEUM HYDROCARBONS					
DIESEL RANGE ORGANICS	9.48 J MG/KG	9.7 U MG/KG	9.2 U MG/KG	9.4 U MG/KG	47.8 MG/KG
GASOLINE RANGE ORGANICS	0.12 U MG/KG	0.12 UJ MG/KG	0.11 UJ MG/KG	0.11 UJ MG/KG	0.11 U MG/KG
MISC					
CATION EX. CAPACITY					
TOTAL ORGANIC CARBON					
METALS					
ALUMINUM	1840 MG/KG	1680 MG/KG	1700 MG/KG	1400 MG/KG	1650 MG/KG

SURFACE SOIL SAMPLES

SAMPLE NUMBER	NTCSS13100	NTCSS13200	NTCSS13300	NTCSS13400	NTCSS13500
SAMPLE DATE	6/29/97	6/29/97	6/29/97	6/29/97	6/29/97
PARAMETER	RESULTS	RESULTS	RESULTS	RESULTS	RESULTS
ANTIMONY	0 31 U MG/KG	0 31 U MG/KG	0.31 U MG/KG	0.30 U MG/KG	0.30 U MG/KG
ARSENIC	0 89 MG/KG	2.5 MG/KG	4.8 MG/KG	1.3 MG/KG	1.2 MG/KG
BARIUM	3 2 U MG/KG	6.0 MG/KG	3.6 MG/KG	2.0 MG/KG	3.2 MG/KG
BERYLLIUM	0 09 U MG/KG	0 05 U MG/KG	0.04 U MG/KG	0.03 U MG/KG	0.04 U MG/KG
CADMIUM	0.06 U MG/KG	0.07 MG/KG	0.06 U MG/KG	0.06 U MG/KG	0.06 U MG/KG
CALCIUM	1720 MG/KG	794 MG/KG	731 J MG/KG	811 MG/KG	452 MG/KG
CHROMIUM	2.2 MG/KG	2.4 MG/KG	2.8 MG/KG	1.4 MG/KG	1.8 MG/KG
COBALT	0.19 U MG/KG	0.20 U MG/KG	0.20 U MG/KG	0.19 U MG/KG	0.19 U MG/KG
COPPER	1.4 MG/KG	4.1 MG/KG	2.0 U MG/KG	1.5 U MG/KG	1.0 U MG/KG
CYANIDE	1 2 UR MG/KG	1.16 U MG/KG	1.1 UJ MG/KG	1.12 U MG/KG	1.11 U MG/KG
IRON	637 MG/KG	349 J MG/KG	207 J MG/KG	219 J MG/KG	258 J MG/KG
LEAD	3 4 MG/KG	4.2 MG/KG	3.9 J MG/KG	2.5 MG/KG	2.6 MG/KG
MAGNESIUM	49 1 MG/KG	64 4 MG/KG	47.9 MG/KG	71.0 MG/KG	42.5 MG/KG
MANGANESE	2 8 MG/KG	3.5 MG/KG	5.9 MG/KG	2.8 MG/KG	1.0 MG/KG
MERCURY	0 09 U MG/KG	0.12 MG/KG	0.10 U MG/KG	0.09 U MG/KG	0.09 U MG/KG
NICKEL	0 48 MG/KG	0.42 MG/KG	0.43 MG/KG	0.22 U MG/KG	0.47 MG/KG
POTASSIUM	27 8 MG/KG	38.8 MG/KG	32.5 MG/KG	30.1 MG/KG	31.0 MG/KG
SELENIUM	0 42 U MG/KG	0.43 U MG/KG	0.43 U MG/KG	0.41 U MG/KG	0.42 U MG/KG
SILVER	0 23 U MG/KG	0.53 MG/KG	0.23 U MG/KG	0.22 U MG/KG	0.23 U MG/KG
SODIUM	93.4 U MG/KG	95.2 U MG/KG	96.0 U MG/KG	92.2 U MG/KG	92.8 U MG/KG
THALLIUM	0.45 U MG/KG	0.46 U MG/KG	0.47 U MG/KG	0.45 U MG/KG	0.45 U MG/KG
VANADIUM	1.7 MG/KG	1.3 MG/KG	1.1 MG/KG	0.62 MG/KG	1.6 MG/KG
ZINC	6.3 MG/KG	7.7 MG/KG	5.8 MG/KG	1.9 U MG/KG	2.1 U MG/KG
RADIOLOGICAL					
GROSS ALPHA	0.792 +/- 0.126 PCI/G	0.434 +/- 0.084 PCI/G	0.744 +/- 0.125 PCI/G	0.460 +/- 0.089 PCI/G	0.601 +/- 0.104 PCI/G
GROSS BETA	0.449 +/- 0.088 PCI/G	0.102 +/- 0.064 U PCI/G	0.377 +/- 0.080 PCI/G	0.096 +/- 0.062 U PCI/G	0.157 +/- 0.067 PCI/G

SURFACE SOIL SAMPLES

SAMPLE NUMBER SAMPLE DATE PARAMETER	NTCSS13700 6/29/97 RESULTS	NTCSS13700-D 6/29/97 RESULTS	NTCSS13800 6/29/97 RESULTS	NTCSS13900 6/29/97 RESULTS	NTCSS14000 6/29/97 RESULTS
VOLATILES					
1,1,1-TRICHLOROETHANE	5.4 U UG/KG	5.5 U UG/KG	5.6 U UG/KG	5.5 U UG/KG	5.4 U UG/KG
1,1,2,2-TETRACHLOROETHANE	5.4 UJ UG/KG	5.5 U UG/KG	5.6 U UG/KG	5.5 U UG/KG	5.4 U UG/KG
1,1,2-TRICHLOROETHANE	5.4 U UG/KG	5.5 U UG/KG	5.6 U UG/KG	5.5 U UG/KG	5.4 U UG/KG
1,1-DICHLOROETHANE	5.4 U UG/KG	5.5 U UG/KG	5.6 U UG/KG	5.5 U UG/KG	5.4 U UG/KG
1,1-DICHLOROETHENE	5.4 U UG/KG	5.5 U UG/KG	5.6 U UG/KG	5.5 U UG/KG	5.4 U UG/KG
1,2-DICHLOROETHANE	5.4 U UG/KG	5.5 U UG/KG	5.6 U UG/KG	5.5 U UG/KG	5.4 U UG/KG
1,2-DICHLOROPROPANE	5.4 U UG/KG	5.5 U UG/KG	5.6 U UG/KG	5.5 U UG/KG	5.4 U UG/KG
2-BUTANONE	11 UR UG/KG	11 UR UG/KG	11 UR UG/KG	11 UR UG/KG	11 U UG/KG
2-HEXANONE	11 U UG/KG	11 U UG/KG	11 U UG/KG	11 U UG/KG	11 U UG/KG
4-METHYL-2-PENTANONE	11 U UG/KG	11 U UG/KG	11 U UG/KG	11 U UG/KG	11 U UG/KG
ACETONE	11 UR UG/KG	11 UR UG/KG	11 UR UG/KG	11 UR UG/KG	11 UR UG/KG
BENZENE	5.4 U UG/KG	5.5 U UG/KG	5.6 U UG/KG	5.5 U UG/KG	5.4 U UG/KG
BROMODICHLOROMETHANE	5.4 U UG/KG	5.5 U UG/KG	5.6 U UG/KG	5.5 U UG/KG	5.4 U UG/KG
BROMOFORM	5.4 U UG/KG	5.5 U UG/KG	5.6 U UG/KG	5.5 U UG/KG	5.4 U UG/KG
BROMOMETHANE	11 U UG/KG	11 U UG/KG	11 U UG/KG	11 U UG/KG	11 U UG/KG
CARBON DISULFIDE	5.4 U UG/KG	5.5 U UG/KG	5.6 U UG/KG	5.5 U UG/KG	5.4 U UG/KG
CARBON TETRACHLORIDE	5.4 U UG/KG	5.5 U UG/KG	5.6 U UG/KG	5.5 U UG/KG	5.4 U UG/KG
CHLOROBENZENE	5.4 U UG/KG	5.5 U UG/KG	5.6 U UG/KG	5.5 U UG/KG	5.4 U UG/KG
CHLOROETHANE	5.4 U UG/KG	5.5 U UG/KG	5.6 U UG/KG	5.5 U UG/KG	5.4 U UG/KG
CHLOROFORM	5.4 U UG/KG	5.5 U UG/KG	5.6 U UG/KG	5.5 U UG/KG	5.4 U UG/KG
CHLOROMETHANE	11 U UG/KG	11 U UG/KG	11 U UG/KG	11 U UG/KG	11 U UG/KG
CIS-1,2-DICHLOROETHENE	5.4 U UG/KG	5.5 U UG/KG	5.6 U UG/KG	5.5 U UG/KG	5.4 U UG/KG
CIS-1,3-DICHLOROPROPENE	5.4 U UG/KG	5.5 U UG/KG	5.6 U UG/KG	5.5 U UG/KG	5.4 U UG/KG
DIBROMOCHLOROMETHANE	5.4 U UG/KG	5.5 U UG/KG	5.6 U UG/KG	5.5 U UG/KG	5.4 U UG/KG
ETHYLBENZENE	5.4 U UG/KG	5.5 U UG/KG	5.6 U UG/KG	5.5 U UG/KG	5.4 U UG/KG
METHYLENE CHLORIDE	5.4 U UG/KG	5.5 U UG/KG	5.6 U UG/KG	5.5 U UG/KG	5.4 U UG/KG
STYRENE	5.4 U UG/KG	5.5 U UG/KG	5.6 U UG/KG	5.5 U UG/KG	5.4 U UG/KG
TETRACHLOROETHENE	5.4 U UG/KG	5.5 U UG/KG	5.6 U UG/KG	5.5 U UG/KG	5.4 U UG/KG
TOLUENE	5.4 U UG/KG	5.5 U UG/KG	5.6 U UG/KG	5.5 U UG/KG	5.4 U UG/KG
TRANS-1,2-DICHLOROETHENE	5.4 U UG/KG	5.5 U UG/KG	5.6 U UG/KG	5.5 U UG/KG	5.4 U UG/KG
TRANS-1,3-DICHLOROPROPENE	5.4 U UG/KG	5.5 U UG/KG	5.6 U UG/KG	5.5 U UG/KG	5.4 U UG/KG
TRICHLOROETHENE	5.4 U UG/KG	5.5 U UG/KG	5.6 U UG/KG	5.5 U UG/KG	5.4 U UG/KG
VINYL CHLORIDE	5.4 U UG/KG	5.5 U UG/KG	5.6 U UG/KG	5.5 U UG/KG	5.4 U UG/KG
XYLENES, TOTAL	5.4 U UG/KG	5.5 U UG/KG	5.6 U UG/KG	5.5 U UG/KG	5.4 U UG/KG
SEMIVOLATILES					
1,2,4-TRICHLOROBENZENE	360 U UG/KG	360 UJ UG/KG	370 U UG/KG	370 U UG/KG	360 U UG/KG

SAMPLE NUMBER	NTCSS13700	NTCSS13700-D	NTCSS13800	NTCSS13900	NTCSS14000
SAMPLE DATE	6/29/97	6/29/97	6/29/97	6/29/97	6/29/97
PARAMETER	RESULTS	RESULTS	RESULTS	RESULTS	RESULTS
1,2-DICHLOROBENZENE	360 U UG/KG	360 UJ UG/KG	370 U UG/KG	370 U UG/KG	360 U UG/KG
1,3-DICHLOROBENZENE	360 U UG/KG	360 UJ UG/KG	370 U UG/KG	370 U UG/KG	360 U UG/KG
1,4-DICHLOROBENZENE	360 U UG/KG	360 UJ UG/KG	370 U UG/KG	370 U UG/KG	360 U UG/KG
2,4,5-TRICHLOROPHENOL	360 U UG/KG	360 UJ UG/KG	370 U UG/KG	370 U UG/KG	360 U UG/KG
2,4,6-TRICHLOROPHENOL	360 U UG/KG	360 UJ UG/KG	370 U UG/KG	370 U UG/KG	360 U UG/KG
2,4-DICHLOROPHENOL	360 U UG/KG	360 UJ UG/KG	370 U UG/KG	370 U UG/KG	360 U UG/KG
2,4-DIMETHYLPHENOL	910 U UG/KG	910 UJ UG/KG	920 U UG/KG	920 U UG/KG	900 U UG/KG
2,4-DINITROPHENOL	910 U UG/KG	910 UJ UG/KG	920 U UG/KG	920 U UG/KG	900 U UG/KG
2,4-DINITROTOLUENE	360 U UG/KG	360 UJ UG/KG	370 U UG/KG	370 U UG/KG	360 U UG/KG
2,6-DINITROTOLUENE	360 U UG/KG	360 UJ UG/KG	370 U UG/KG	370 U UG/KG	360 U UG/KG
2-CHLORONAPHTHALENE	360 U UG/KG	360 UJ UG/KG	370 U UG/KG	370 U UG/KG	360 U UG/KG
2-CHLOROPHENOL	360 U UG/KG	360 UJ UG/KG	370 U UG/KG	370 U UG/KG	360 U UG/KG
2-METHYLNAPHTHALENE	360 U UG/KG	360 UJ UG/KG	370 U UG/KG	370 U UG/KG	360 U UG/KG
2-METHYLPHENOL	360 U UG/KG	360 UJ UG/KG	370 U UG/KG	370 U UG/KG	360 U UG/KG
2-NITROANILINE	360 U UG/KG	360 UJ UG/KG	370 U UG/KG	370 U UG/KG	360 U UG/KG
2-NITROPHENOL	360 U UG/KG	360 UJ UG/KG	370 U UG/KG	370 U UG/KG	360 U UG/KG
3&4-METHYLPHENOL	360 U UG/KG	360 UJ UG/KG	370 U UG/KG	370 U UG/KG	360 U UG/KG
3,3'-DICHLOROBENZIDINE	910 UJ UG/KG	910 UJ UG/KG	920 UJ UG/KG	920 UJ UG/KG	900 UJ UG/KG
3-NITROANILINE	360 U UG/KG	360 UJ UG/KG	370 U UG/KG	370 U UG/KG	360 U UG/KG
4,6-DINITRO-2-METHYLPHENOL	360 UJ UG/KG	360 UJ UG/KG	370 UJ UG/KG	370 UJ UG/KG	360 U UG/KG
4-BROMOPHENYL PHENYL ETHER	360 UJ UG/KG	360 UJ UG/KG	370 UJ UG/KG	370 UJ UG/KG	360 U UG/KG
4-CHLORO-3-METHYLPHENOL	910 U UG/KG	910 UJ UG/KG	920 U UG/KG	920 U UG/KG	900 U UG/KG
4-CHLOROANILINE	360 U UG/KG	360 UJ UG/KG	370 U UG/KG	370 U UG/KG	360 U UG/KG
4-CHLOROPHENYL PHENYL ETHER	360 U UG/KG	360 UJ UG/KG	370 U UG/KG	370 U UG/KG	360 U UG/KG
4-NITROANILINE	360 U UG/KG	360 UJ UG/KG	370 U UG/KG	370 U UG/KG	360 U UG/KG
4-NITROPHENOL	910 U UG/KG	910 UJ UG/KG	920 U UG/KG	920 U UG/KG	900 U UG/KG
ACENAPHTHENE	360 U UG/KG	360 UJ UG/KG	370 U UG/KG	370 U UG/KG	360 U UG/KG
ACENAPHTHYLENE	360 U UG/KG	360 UJ UG/KG	370 U UG/KG	370 U UG/KG	360 U UG/KG
ANTHRACENE	360 UJ UG/KG	360 UJ UG/KG	370 UJ UG/KG	370 UJ UG/KG	360 U UG/KG
BENZO(A)ANTHRACENE	360 UJ UG/KG	360 UJ UG/KG	370 UJ UG/KG	370 UJ UG/KG	360 UJ UG/KG
BENZO(A)PYRENE	91 U UG/KG	91 UJ UG/KG	92 U UG/KG	92 U UG/KG	90 U UG/KG
BENZO(B)FLUORANTHENE	360 U UG/KG	360 UJ UG/KG	370 U UG/KG	370 U UG/KG	360 U UG/KG
BENZO(G,H,I)PERYLENE	360 UJ UG/KG	360 UJ UG/KG	370 U UG/KG	370 U UG/KG	360 U UG/KG
BENZO(K)FLUORANTHENE	360 UJ UG/KG	360 UJ UG/KG	370 U UG/KG	370 U UG/KG	360 U UG/KG
BIS(2-CHLOROETHOXY)METHANE	360 U UG/KG	360 UJ UG/KG	370 U UG/KG	370 U UG/KG	360 U UG/KG
BIS(2-CHLOROETHYL)ETHER	360 U UG/KG	360 UJ UG/KG	370 U UG/KG	370 U UG/KG	360 U UG/KG
BIS(2-CHLOROISOPROPYL) ETHER	360 U UG/KG	360 UJ UG/KG	370 U UG/KG	370 U UG/KG	360 U UG/KG

SAMPLE NUMBER	NTCSS13700	NTCSS13700-D	NTCSS13800	NTCSS13900	NTCSS14000
SAMPLE DATE	6/29/97	6/29/97	6/29/97	6/29/97	6/29/97
PARAMETER	RESULTS	RESULTS	RESULTS	RESULTS	RESULTS
BIS(2-ETHYLHEXYL)PHTHALATE	360 UJ UG/KG	360 UJ UG/KG	370 UJ UG/KG	370 UJ UG/KG	360 UJ UG/KG
BUTYLBENZYL PHTHALATE	360 UJ UG/KG	360 UJ UG/KG	370 UJ UG/KG	370 UJ UG/KG	360 UJ UG/KG
CARBAZOLE	360 U UG/KG	360 UJ UG/KG	370 U UG/KG	370 U UG/KG	360 U UG/KG
CHRYSENE	360 UJ UG/KG	360 UJ UG/KG	370 UJ UG/KG	370 U UG/KG	360 UJ UG/KG
DI-N-BUTYL PHTHALATE	360 UJ UG/KG	360 UJ UG/KG	370 UJ UG/KG	370 U UG/KG	360 U UG/KG
DI-N-OCTYL PHTHALATE	360 UJ UG/KG	360 UJ UG/KG	370 U UG/KG	370 U UG/KG	360 U UG/KG
DIBENZO(A,H)ANTHRACENE	91 UJ UG/KG	91 UJ UG/KG	92 U UG/KG	92 U UG/KG	90 U UG/KG
DIBENZOFURAN	360 U UG/KG	360 UJ UG/KG	370 U UG/KG	370 U UG/KG	360 U UG/KG
DIETHYL PHTHALATE	360 U UG/KG	360 UJ UG/KG	370 U UG/KG	370 U UG/KG	360 U UG/KG
DIMETHYL PHTHALATE	360 U UG/KG	360 UJ UG/KG	370 U UG/KG	370 U UG/KG	360 U UG/KG
FLUORANTHENE	360 UJ UG/KG	360 UJ UG/KG	370 UJ UG/KG	370 UJ UG/KG	360 U UG/KG
FLUORENE	360 U UG/KG	360 UJ UG/KG	370 U UG/KG	370 U UG/KG	360 U UG/KG
HEXACHLOROBENZENE	360 UJ UG/KG	360 UJ UG/KG	370 UJ UG/KG	370 UJ UG/KG	360 U UG/KG
HEXACHLOROBUTADIENE	360 U UG/KG	360 UJ UG/KG	370 U UG/KG	370 U UG/KG	360 U UG/KG
HEXACHLOROCYCLOPENTADIENE	360 U UG/KG	360 UJ UG/KG	370 U UG/KG	370 U UG/KG	360 U UG/KG
HEXACHLOROETHANE	360 U UG/KG	360 UJ UG/KG	370 U UG/KG	370 U UG/KG	360 U UG/KG
INDENO(1,2,3-CD)PYRENE	360 UJ UG/KG	360 UJ UG/KG	370 U UG/KG	370 U UG/KG	360 U UG/KG
ISOPHORONE	360 U UG/KG	360 UJ UG/KG	370 U UG/KG	370 U UG/KG	360 U UG/KG
N-NITROSO-DI-N-PROPYLAMINE	18 U UG/KG	18 UJ UG/KG	18 U UG/KG	18 U UG/KG	18 U UG/KG
N-NITROSODIPHENYLAMINE	360 UJ UG/KG	360 UJ UG/KG	370 UJ UG/KG	370 UJ UG/KG	360 U UG/KG
NAPHTHALENE	360 U UG/KG	360 UJ UG/KG	370 U UG/KG	370 U UG/KG	360 U UG/KG
NITROBENZENE	360 U UG/KG	360 UJ UG/KG	370 U UG/KG	370 U UG/KG	360 U UG/KG
PHENANTHRENE	360 UJ UG/KG	360 UJ UG/KG	370 UJ UG/KG	370 UJ UG/KG	360 U UG/KG
PHENOL	360 U UG/KG	360 UJ UG/KG	370 U UG/KG	370 U UG/KG	360 U UG/KG
PYRENE	360 UJ UG/KG	360 UJ UG/KG	370 UJ UG/KG	370 UJ UG/KG	360 UJ UG/KG
HERBICIDES					
2,4,5-T	1.4 U UG/KG	1.4 U UG/KG	1.4 U UG/KG	1.4 U UG/KG	1.4 U UG/KG
2,4,5-TP (SILVEX)	1.6 U UG/KG	1.7 U UG/KG	1.7 U UG/KG	1.6 U UG/KG	1.6 U UG/KG
2,4-D	7.6 U UG/KG	7.7 U UG/KG	7.7 U UG/KG	7.6 U UG/KG	7.6 U UG/KG
2,4-DB	4.3 U UG/KG	4.4 U UG/KG	4.4 U UG/KG	4.4 U UG/KG	4.3 U UG/KG
DALAPON	8.7 U UG/KG	8.8 U UG/KG	8.8 U UG/KG	8.7 U UG/KG	8.7 U UG/KG
DICAMBA	4.3 U UG/KG	4.4 U UG/KG	4.4 U UG/KG	4.4 U UG/KG	4.3 U UG/KG
DICHLOROPROP	22 U UG/KG	22 U UG/KG	22 U UG/KG	22 U UG/KG	22 U UG/KG
DINOSEB	4.3 U UG/KG	4.4 U UG/KG	4.4 U UG/KG	4.4 U UG/KG	4.3 U UG/KG
MCPA	2200 U UG/KG	2200 U UG/KG	2200 U UG/KG	2200 U UG/KG	2200 U UG/KG
MCPP	1100 U UG/KG	1100 U UG/KG	1100 U UG/KG	1100 U UG/KG	1100 U UG/KG
PENTACHLOROPHENOL	2.2 U UG/KG	2.2 U UG/KG	2.2 U UG/KG	2.2 U UG/KG	2.2 U UG/KG

SURFACE SOIL SAMPLES

SAMPLE NUMBER	NTCSS13700	NTCSS13700-D	NTCSS13800	NTCSS13900	NTCSS14000
SAMPLE DATE	6/29/97	6/29/97	6/29/97	6/29/97	6/29/97
PARAMETER	RESULTS	RESULTS	RESULTS	RESULTS	RESULTS
PESTICIDES/PCBS					
4,4'-DDD	2.0 U UG/KG	2.0 U UG/KG	2.0 U UG/KG	2.0 U UG/KG	1.9 U UG/KG
4,4'-DDE	0.94 U UG/KG	0.95 U UG/KG	0.96 U UG/KG	0.95 U UG/KG	0.93 U UG/KG
4,4'-DDT	4.4 U UG/KG	4.4 U UG/KG	4.4 U UG/KG	4.4 U UG/KG	4.3 U UG/KG
ALDRIN	3.4 U UG/KG	3.4 U UG/KG	3.5 U UG/KG	3.4 U UG/KG	3.4 U UG/KG
ALPHA-BHC	0.76 U UG/KG	0.76 U UG/KG	0.77 U UG/KG	0.76 U UG/KG	0.75 U UG/KG
ALPHA-CHLORDANE	0.80 U UG/KG	0.80 U UG/KG	0.81 U UG/KG	0.80 U UG/KG	0.78 U UG/KG
AROCLOR-1016	19 U UG/KG	19 U UG/KG			
AROCLOR-1221	6.9 U UG/KG	6.9 U UG/KG			
AROCLOR-1232	15 U UG/KG	15 U UG/KG			
AROCLOR-1242	10 U UG/KG	10 U UG/KG			
AROCLOR-1248	8.0 U UG/KG	8.0 U UG/KG			
AROCLOR-1254	12 U UG/KG	12 U UG/KG			
AROCLOR-1260	17 U UG/KG	17 U UG/KG			
BETA-BHC	1.1 U UG/KG	1.1 U UG/KG	1.1 U UG/KG	1.1 U UG/KG	1.1 U UG/KG
DELTA-BHC	1.3 U UG/KG	1.3 U UG/KG	1.4 U UG/KG	1.3 U UG/KG	1.3 U UG/KG
DIELDRIN	0.94 U UG/KG	0.95 U UG/KG	0.96 U UG/KG	0.95 U UG/KG	0.93 U UG/KG
ENDOSULFAN I	0.98 U UG/KG	0.98 U UG/KG	0.99 U UG/KG	0.98 U UG/KG	0.96 U UG/KG
ENDOSULFAN II	1.2 U UG/KG	1.2 U UG/KG	1.2 U UG/KG	1.2 U UG/KG	1.2 U UG/KG
ENDOSULFAN SULFATE	4.0 U UG/KG	4.0 U UG/KG	4.0 U UG/KG	4.0 U UG/KG	3.9 U UG/KG
ENDRIN	1.6 U UG/KG	1.6 U UG/KG	1.6 U UG/KG	1.6 U UG/KG	1.5 U UG/KG
ENDRIN ALDEHYDE	1.4 U UG/KG	1.4 U UG/KG	1.5 U UG/KG	1.4 U UG/KG	1.4 U UG/KG
ENDRIN KETONE	7.3 U UG/KG	7.3 U UG/KG	7.4 U UG/KG	7.3 U UG/KG	7.1 U UG/KG
GAMMA-BHC (LINDANE)	0.80 U UG/KG	0.80 U UG/KG	0.81 U UG/KG	0.80 U UG/KG	0.78 U UG/KG
GAMMA-CHLORDANE	0.91 U UG/KG	0.91 U UG/KG	0.92 U UG/KG	0.91 U UG/KG	0.89 U UG/KG
HEPTACHLOR	0.94 U UG/KG	3.0 UG/KG	0.96 U UG/KG	0.95 U UG/KG	0.93 U UG/KG
HEPTACHLOR EPOXIDE	0.98 U UG/KG	0.98 U UG/KG	0.99 U UG/KG	0.98 U UG/KG	0.96 U UG/KG
METHOXYCHLOR	6.5 U UG/KG	6.6 U UG/KG	6.6 U UG/KG	6.6 U UG/KG	6.4 U UG/KG
TOXAPHENE	73 U UG/KG	73 U UG/KG	74 U UG/KG	73 U UG/KG	71 U UG/KG
PETROLEUM HYDROCARBONS					
DIESEL RANGE ORGANICS	9.1 U MG/KG	9.1 U MG/KG	9.2 U MG/KG	9.2 U MG/KG	9.0 U MG/KG
GASOLINE RANGE ORGANICS	0.11 U MG/KG	0.11 U MG/KG	0.11 U MG/KG	0.11 U MG/KG	0.11 U MG/KG
MISC					
CATION EX. CAPACITY				1470 MG/KG	
TOTAL ORGANIC CARBON				7030 MG/KG	
METALS					
ALUMINUM	1830 MG/KG	1450 MG/KG	815 MG/KG	3180 MG/KG	1690 MG/KG

SURFACE SOIL SAMPLES

SAMPLE NUMBER	NTCSS13700	NTCSS13700-D	NTCSS13800	NTCSS13900	NTCSS14000
SAMPLE DATE	6/29/97	6/29/97	6/29/97	6/29/97	6/29/97
PARAMETER	RESULTS	RESULTS	RESULTS	RESULTS	RESULTS
ANTIMONY	0.30 U MG/KG	0.30 U MG/KG	0.30 U MG/KG	0.30 U MG/KG	0.29 U MG/KG
ARSENIC	0.92 MG/KG	0.58 MG/KG	0.50 U MG/KG	1.4 MG/KG	1.2 MG/KG
BARIUM	2.9 MG/KG	2.4 MG/KG	2.4 MG/KG	4.2 MG/KG	6.0 U MG/KG
BERYLLIUM	0.03 U MG/KG	0.04 U MG/KG	0.03 U MG/KG	0.11 U MG/KG	0.02 U MG/KG
CADMIUM	0.06 U MG/KG	0.06 U MG/KG	0.06 U MG/KG	0.06 U MG/KG	0.05 U MG/KG
CALCIUM	730 MG/KG	1680 MG/KG	864 MG/KG	583 MG/KG	450 MG/KG
CHROMIUM	2.3 MG/KG	2.0 MG/KG	1.4 MG/KG	4.2 MG/KG	2.1 MG/KG
COBALT	0.19 U MG/KG	0.19 U MG/KG	0.19 U MG/KG	0.19 U MG/KG	0.18 U MG/KG
COPPER	1.4 U MG/KG	0.64 U MG/KG	1.4 U MG/KG	1.5 U MG/KG	0.86 MG/KG
CYANIDE	1.09 U MG/KG	1.08 U MG/KG	1.1 U MG/KG	1.1 U MG/KG	1.1 UR MG/KG
IRON	622 J MG/KG	576 J MG/KG	298 J MG/KG	925 J MG/KG	431 MG/KG
LEAD	2.4 MG/KG	1.7 MG/KG	2.3 MG/KG	1.6 MG/KG	1.7 U MG/KG
MAGNESIUM	63.7 MG/KG	59.2 MG/KG	55.9 MG/KG	63.2 MG/KG	60.6 MG/KG
MANGANESE	1.4 MG/KG	1.7 MG/KG	2.0 MG/KG	1.0 MG/KG	4.1 MG/KG
MERCURY	0.09 U MG/KG	0.09 U MG/KG	0.09 U MG/KG	0.09 U MG/KG	0.09 U MG/KG
NICKEL	0.54 MG/KG	0.28 MG/KG	0.26 MG/KG	0.93 MG/KG	5.4 MG/KG
POTASSIUM	28.9 MG/KG	17.1 MG/KG	16.4 MG/KG	23.9 MG/KG	21.6 MG/KG
SELENIUM	0.40 U MG/KG	0.41 U MG/KG	0.41 U MG/KG	0.41 U MG/KG	0.40 U MG/KG
SILVER	0.22 U MG/KG	0.22 U MG/KG	0.22 U MG/KG	0.22 U MG/KG	0.22 U MG/KG
SODIUM	90.3 U MG/KG	90.5 U MG/KG	91.9 U MG/KG	90.7 U MG/KG	89.7 U MG/KG
THALLIUM	0.44 U MG/KG	0.44 U MG/KG	0.45 U MG/KG	0.44 U MG/KG	0.43 U MG/KG
VANADIUM	2.2 MG/KG	2.0 MG/KG	1.3 MG/KG	5.7 MG/KG	2.2 MG/KG
ZINC	1.4 U MG/KG	1.0 U MG/KG	2.0 U MG/KG	1.2 U MG/KG	1.4 U MG/KG
RADIOLOGICAL					
GROSS ALPHA	0.695 +/- 0.122 PCI/G	0.697 +/- 0.114 PCI/G	0.509 +/- 0.093 PCI/G	0.995 +/- 0.149 PCI/G	0.981 +/- 0.147 PCI/G
GROSS BETA	0.066 +/- 0.080 U PCI/G	0.357 +/- 0.083 PCI/G	0.358 +/- 0.081 PCI/G	0.701 +/- 0.109 PCI/G	0.617 +/- 0.104 PCI/G

SURFACE SOIL SAMPLES

SAMPLE NUMBER	NTCSS15100	NTCSS15100-D	NTCSS15200	NTCSS15300	NTCSS15400
SAMPLE DATE	6/29/97	6/29/97	6/29/97	6/29/97	6/29/97
PARAMETER	RESULTS	RESULTS	RESULTS	RESULTS	RESULTS
VOLATILES					
1,1,1-TRICHLOROETHANE	5 6 UJ UG/KG	6 0 U UG/KG	5.8 U UG/KG	5.6 U UG/KG	5.6 U UG/KG
1,1,2,2-TETRACHLOROETHANE	5 6 U UG/KG	6 0 UJ UG/KG	5.8 U UG/KG	5.6 UJ UG/KG	5.6 U UG/KG
1,1,2-TRICHLOROETHANE	5 6 U UG/KG	6.0 U UG/KG	5.8 U UG/KG	5.6 U UG/KG	5.6 U UG/KG
1,1-DICHLOROETHANE	5 6 U UG/KG	6.0 U UG/KG	5.8 U UG/KG	5.6 U UG/KG	5.6 U UG/KG
1,1-DICHLOROETHENE	5.6 U UG/KG	6.0 U UG/KG	5.8 U UG/KG	5.6 U UG/KG	5.6 U UG/KG
1,2-DICHLOROETHANE	5 6 UJ UG/KG	6.0 U UG/KG	5.8 U UG/KG	5.6 U UG/KG	5.6 U UG/KG
1,2-DICHLOROPROPANE	5.6 U UG/KG	6.0 U UG/KG	5.8 U UG/KG	5.6 U UG/KG	5.6 U UG/KG
2-BUTANONE	11 U UG/KG	12 U UG/KG	12 UR UG/KG	11 U UG/KG	11 U UG/KG
2-HEXANONE	11 U UG/KG	12 U UG/KG	12 U UG/KG	11 U UG/KG	11 U UG/KG
4-METHYL-2-PENTANONE	11 U UG/KG	12 UJ UG/KG	12 U UG/KG	11 U UG/KG	11 U UG/KG
ACETONE	11 UR UG/KG	12 UR UG/KG	12 UR UG/KG	11 UR UG/KG	11 UR UG/KG
BENZENE	5 6 U UG/KG	6 0 U UG/KG	5.8 U UG/KG	5.6 U UG/KG	5.6 U UG/KG
BROMODICHLOROMETHANE	5 6 UJ UG/KG	6.0 U UG/KG	5.8 U UG/KG	5.6 U UG/KG	5.6 U UG/KG
BROMOFORM	5 6 U UG/KG	6.0 U UG/KG	5.8 U UG/KG	5.6 UJ UG/KG	5.6 U UG/KG
BROMOMETHANE	11 U UG/KG	12 U UG/KG	12 U UG/KG	11 U UG/KG	11 U UG/KG
CARBON DISULFIDE	5 6 UJ UG/KG	6.0 U UG/KG	5.8 UJ UG/KG	5.6 U UG/KG	5.6 U UG/KG
CARBON TETRACHLORIDE	5 6 UJ UG/KG	6.0 U UG/KG	5.8 UJ UG/KG	5.6 U UG/KG	5.6 U UG/KG
CHLOROBENZENE	5.6 U UG/KG	6.0 U UG/KG	5.8 U UG/KG	5.6 U UG/KG	5.6 U UG/KG
CHLOROETHANE	5 6 U UG/KG	6.0 U UG/KG	5.8 U UG/KG	5.6 U UG/KG	5.6 U UG/KG
CHLOROFORM	5.6 U UG/KG	6.0 U UG/KG	5.8 U UG/KG	5.6 U UG/KG	5.6 U UG/KG
CHLOROMETHANE	11 U UG/KG	12 U UG/KG	12 U UG/KG	11 U UG/KG	11 U UG/KG
CIS-1,2-DICHLOROETHENE	5.6 U UG/KG	6.0 U UG/KG	5.8 U UG/KG	5.6 U UG/KG	5.6 U UG/KG
CIS-1,3-DICHLOROPROPENE	5.6 U UG/KG	6.0 U UG/KG	5.8 U UG/KG	5.6 U UG/KG	5.6 U UG/KG
DIBROMOCHLOROMETHANE	5.6 UJ UG/KG	6.0 U UG/KG	5.8 U UG/KG	5.6 UJ UG/KG	5.6 U UG/KG
ETHYLBENZENE	5.6 U UG/KG	6.0 U UG/KG	5.8 U UG/KG	5.6 UJ UG/KG	5.6 U UG/KG
METHYLENE CHLORIDE	5.6 U UG/KG	6.0 U UG/KG	5.8 U UG/KG	5.6 U UG/KG	5.6 U UG/KG
STYRENE	5.6 U UG/KG	6.0 U UG/KG	5.8 U UG/KG	5.6 UJ UG/KG	5.6 U UG/KG
TETRACHLOROETHENE	5.6 U UG/KG	6.0 UJ UG/KG	5.8 U UG/KG	5.6 UJ UG/KG	5.6 U UG/KG
TOLUENE	5.6 U UG/KG	6.0 U UG/KG	5.8 U UG/KG	5.6 U UG/KG	5.6 U UG/KG
TRANS-1,2-DICHLOROETHENE	5.6 U UG/KG	6.0 U UG/KG	5.8 U UG/KG	5.6 U UG/KG	5.6 U UG/KG
TRANS-1,3-DICHLOROPROPENE	5.6 U UG/KG	6.0 U UG/KG	5.8 U UG/KG	5.6 U UG/KG	5.6 U UG/KG
TRICHLOROETHENE	5.6 U UG/KG	6.0 U UG/KG	5.8 U UG/KG	5.6 U UG/KG	5.6 U UG/KG
VINYL CHLORIDE	5.6 U UG/KG	6.0 U UG/KG	5.8 U UG/KG	5.6 U UG/KG	5.6 U UG/KG
XYLENES, TOTAL	5.6 U UG/KG	6.0 U UG/KG	5.8 U UG/KG	5.6 UJ UG/KG	5.6 U UG/KG
SEMIVOLATILES					
1,2,4-TRICHLOROBENZENE	370 U UG/KG	370 U UG/KG	440 UJ UG/KG	360 U UG/KG	380 U UG/KG

SAMPLE NUMBER	NTCSS15100	NTCSS15100-D	NTCSS15200	NTCSS15300	NTCSS15400
SAMPLE DATE	6/29/97	6/29/97	6/29/97	6/29/97	6/29/97
PARAMETER	RESULTS	RESULTS	RESULTS	RESULTS	RESULTS
1,2-DICHLOROBENZENE	370 U UG/KG	370 U UG/KG	440 UJ UG/KG	360 U UG/KG	380 U UG/KG
1,3-DICHLOROBENZENE	370 U UG/KG	370 U UG/KG	440 UJ UG/KG	360 U UG/KG	380 U UG/KG
1,4-DICHLOROBENZENE	370 U UG/KG	370 U UG/KG	440 UJ UG/KG	360 U UG/KG	380 U UG/KG
2,4,5-TRICHLOROPHENOL	370 U UG/KG	370 U UG/KG	440 UJ UG/KG	360 U UG/KG	380 U UG/KG
2,4,6-TRICHLOROPHENOL	370 U UG/KG	370 U UG/KG	440 UJ UG/KG	360 U UG/KG	380 U UG/KG
2,4-DICHLOROPHENOL	370 U UG/KG	370 U UG/KG	440 UJ UG/KG	360 U UG/KG	380 U UG/KG
2,4-DIMETHYLPHENOL	930 U UG/KG	920 U UG/KG	1100 UJ UG/KG	900 U UG/KG	950 U UG/KG
2,4-DINITROPHENOL	930 U UG/KG	920 U UG/KG	1100 UJ UG/KG	900 U UG/KG	950 U UG/KG
2,4-DINITROTOLUENE	370 U UG/KG	370 U UG/KG	440 UJ UG/KG	360 U UG/KG	380 U UG/KG
2,6-DINITROTOLUENE	370 U UG/KG	370 U UG/KG	440 UJ UG/KG	360 U UG/KG	380 U UG/KG
2-CHLORONAPHTHALENE	370 U UG/KG	370 U UG/KG	440 UJ UG/KG	360 U UG/KG	380 U UG/KG
2-CHLOROPHENOL	370 U UG/KG	370 U UG/KG	440 UJ UG/KG	360 U UG/KG	380 U UG/KG
2-METHYLNAPHTHALENE	370 U UG/KG	370 U UG/KG	440 UJ UG/KG	360 U UG/KG	380 U UG/KG
2-METHYLPHENOL	370 U UG/KG	370 U UG/KG	440 UJ UG/KG	360 U UG/KG	380 U UG/KG
2-NITROANILINE	370 U UG/KG	370 U UG/KG	440 UJ UG/KG	360 U UG/KG	380 U UG/KG
2-NITROPHENOL	370 U UG/KG	370 U UG/KG	440 UJ UG/KG	360 U UG/KG	380 U UG/KG
3&4-METHYLPHENOL	370 U UG/KG	370 U UG/KG	440 UJ UG/KG	360 U UG/KG	380 U UG/KG
3,3'-DICHLOROBENZIDINE	930 U UG/KG	920 U UG/KG	1100 UJ UG/KG	900 U UG/KG	950 UJ UG/KG
3-NITROANILINE	370 U UG/KG	370 U UG/KG	440 UJ UG/KG	360 U UG/KG	380 U UG/KG
4,6-DINITRO-2-METHYLPHENOL	370 U UG/KG	370 U UG/KG	440 UJ UG/KG	360 U UG/KG	380 U UG/KG
4-BROMOPHENYL PHENYL ETHER	370 U UG/KG	370 U UG/KG	440 UJ UG/KG	360 U UG/KG	380 U UG/KG
4-CHLORO-3-METHYLPHENOL	930 U UG/KG	920 U UG/KG	1100 UJ UG/KG	900 U UG/KG	950 U UG/KG
4-CHLOROANILINE	370 U UG/KG	370 U UG/KG	440 UJ UG/KG	360 U UG/KG	380 U UG/KG
4-CHLOROPHENYL PHENYL ETHER	370 U UG/KG	370 U UG/KG	440 UJ UG/KG	360 U UG/KG	380 U UG/KG
4-NITROANILINE	370 U UG/KG	370 U UG/KG	440 UJ UG/KG	360 U UG/KG	380 U UG/KG
4-NITROPHENOL	930 U UG/KG	920 U UG/KG	1100 UJ UG/KG	900 U UG/KG	950 U UG/KG
ACENAPHTHENE	370 U UG/KG	370 U UG/KG	440 UJ UG/KG	360 U UG/KG	380 U UG/KG
ACENAPHTHYLENE	370 U UG/KG	370 U UG/KG	440 UJ UG/KG	360 U UG/KG	380 U UG/KG
ANTHRACENE	370 U UG/KG	370 U UG/KG	440 UJ UG/KG	360 U UG/KG	380 U UG/KG
BENZO(A)ANTHRACENE	370 U UG/KG	370 U UG/KG	440 UJ UG/KG	360 U UG/KG	380 UJ UG/KG
BENZO(A)PYRENE	93 UJ UG/KG	92 UJ UG/KG	110 UJ UG/KG	90 U UG/KG	95 U UG/KG
BENZO(B)FLUORANTHENE	370 U UG/KG	370 U UG/KG	440 UJ UG/KG	360 U UG/KG	380 U UG/KG
BENZO(G,H,I)PERYLENE	370 U UG/KG	370 U UG/KG	440 UJ UG/KG	360 U UG/KG	380 U UG/KG
BENZO(K)FLUORANTHENE	370 U UG/KG	370 U UG/KG	440 UJ UG/KG	360 U UG/KG	380 U UG/KG
BIS(2-CHLOROETHOXY)METHANE	370 U UG/KG	370 U UG/KG	440 UJ UG/KG	360 U UG/KG	380 U UG/KG
BIS(2-CHLOROETHYL)ETHER	370 U UG/KG	370 U UG/KG	440 UJ UG/KG	360 U UG/KG	380 U UG/KG
BIS(2-CHLOROISOPROPYL) ETHER	370 U UG/KG	370 U UG/KG	440 UJ UG/KG	360 U UG/KG	380 U UG/KG

SAMPLE NUMBER	NTCSS15100	NTCSS15100-D	NTCSS15200	NTCSS15300	NTCSS15400
SAMPLE DATE	6/29/97	6/29/97	6/29/97	6/29/97	6/29/97
PARAMETER	RESULTS	RESULTS	RESULTS	RESULTS	RESULTS
BIS(2-ETHYLHEXYL)PHTHALATE	370 U UG/KG	370 U UG/KG	440 UJ UG/KG	360 U UG/KG	380 UJ UG/KG
BUTYLBENZYL PHTHALATE	370 U UG/KG	370 U UG/KG	440 UJ UG/KG	360 U UG/KG	380 UJ UG/KG
CARBAZOLE	370 U UG/KG	370 U UG/KG	440 UJ UG/KG	360 U UG/KG	380 U UG/KG
CHRYSENE	370 U UG/KG	370 U UG/KG	440 UJ UG/KG	360 U UG/KG	380 UJ UG/KG
DI-N-BUTYL PHTHALATE	370 U UG/KG	370 U UG/KG	440 UJ UG/KG	360 U UG/KG	380 U UG/KG
DI-N-OCTYL PHTHALATE	370 U UG/KG	370 U UG/KG	440 UJ UG/KG	360 U UG/KG	380 U UG/KG
DIBENZO(A,H)ANTHRACENE	93 UJ UG/KG	92 UJ UG/KG	110 UJ UG/KG	90 U UG/KG	95 U UG/KG
DIBENZOFURAN	370 U UG/KG	370 U UG/KG	440 UJ UG/KG	360 U UG/KG	380 U UG/KG
DIETHYL PHTHALATE	370 U UG/KG	370 U UG/KG	440 UJ UG/KG	360 U UG/KG	380 U UG/KG
DIMETHYL PHTHALATE	370 U UG/KG	370 U UG/KG	440 UJ UG/KG	360 U UG/KG	380 U UG/KG
FLUORANTHENE	370 UJ UG/KG	370 U UG/KG	440 UJ UG/KG	360 U UG/KG	380 UJ UG/KG
FLUORENE	370 U UG/KG	370 U UG/KG	440 UJ UG/KG	360 U UG/KG	380 U UG/KG
HEXACHLOROBENZENE	370 U UG/KG	370 U UG/KG	440 UJ UG/KG	360 U UG/KG	380 U UG/KG
HEXACHLOROBUTADIENE	370 U UG/KG	370 U UG/KG	440 UJ UG/KG	360 U UG/KG	380 U UG/KG
HEXACHLOROCYCLOPENTADIENE	370 U UG/KG	370 U UG/KG	440 UJ UG/KG	360 U UG/KG	380 U UG/KG
HEXACHLOROETHANE	370 U UG/KG	370 U UG/KG	440 UJ UG/KG	360 U UG/KG	380 U UG/KG
INDENO(1,2,3-CD)PYRENE	370 U UG/KG	370 U UG/KG	440 UJ UG/KG	360 U UG/KG	380 U UG/KG
ISOPHORONE	370 U UG/KG	370 U UG/KG	440 UJ UG/KG	360 U UG/KG	380 U UG/KG
N-NITROSO-DI-N-PROPYLAMINE	19 U UG/KG	18 U UG/KG	22 UJ UG/KG	18 U UG/KG	19 U UG/KG
N-NITROSODIPHENYLAMINE	370 U UG/KG	370 U UG/KG	440 UJ UG/KG	360 U UG/KG	380 U UG/KG
NAPHTHALENE	370 U UG/KG	370 U UG/KG	440 UJ UG/KG	360 U UG/KG	380 U UG/KG
NITROBENZENE	370 U UG/KG	370 U UG/KG	440 UJ UG/KG	360 U UG/KG	380 U UG/KG
PHENANTHRENE	370 U UG/KG	370 U UG/KG	440 UJ UG/KG	360 U UG/KG	380 U UG/KG
PHENOL	370 U UG/KG	370 U UG/KG	440 UJ UG/KG	360 U UG/KG	380 U UG/KG
PYRENE	370 UJ UG/KG	370 U UG/KG	440 UJ UG/KG	360 U UG/KG	380 UJ UG/KG
HERBICIDES					
2,4,5-T	1.4 U UG/KG	1.6 U UG/KG	1.5 U UG/KG	1.4 U UG/KG	1.5 U UG/KG
2,4,5-TP (SILVEX)	1.7 U UG/KG	1.8 U UG/KG	1.7 U UG/KG	1.7 U UG/KG	1.7 U UG/KG
2,4-D	7.7 U UG/KG	8.4 U UG/KG	8 U UG/KG	7.7 U UG/KG	8 U UG/KG
2,4-DB	4.4 U UG/KG	4.8 U UG/KG	4.6 U UG/KG	4.4 U UG/KG	4.6 U UG/KG
DALAPON	8.8 UR UG/KG	9.6 UR UG/KG	9.2 UR UG/KG	8.8 UR UG/KG	9.2 UR UG/KG
DICAMBA	4.4 U UG/KG	4.8 U UG/KG	4.6 U UG/KG	4.4 U UG/KG	4.6 U UG/KG
DICHLOROPROP	22 U UG/KG	24 U UG/KG	23 U UG/KG	22 U UG/KG	23 U UG/KG
DINOSEB	4.4 U UG/KG	4.8 U UG/KG	4.6 U UG/KG	4.4 U UG/KG	4.6 U UG/KG
MCPA	2200 UR UG/KG	2400 UR UG/KG	2300 UR UG/KG	2200 UR UG/KG	2300 UR UG/KG
MCPP	1100 UR UG/KG	1200 UR UG/KG	1200 UR UG/KG	1100 UR UG/KG	1200 UR UG/KG
PENTACHLOROPHENOL	2.2 U UG/KG	2.4 U UG/KG	2.3 U UG/KG	2.2 U UG/KG	2.3 U UG/KG

SURFACE SOIL SAMPLES

SAMPLE NUMBER	NTCSS15100	NTCSS15100-D	NTCSS15200	NTCSS15300	NTCSS15400
SAMPLE DATE	6/29/97	6/29/97	6/29/97	6/29/97	6/29/97
PARAMETER	RESULTS	RESULTS	RESULTS	RESULTS	RESULTS
PESTICIDES/PCBS					
4,4'-DDD	2 0 U UG/KG	2.2 U UG/KG	2.1 U UG/KG	2.0 U UG/KG	2.0 U UG/KG
4,4'-DDE	0 95 U UG/KG	1.0 U UG/KG	1.0 U UG/KG	2.1 J UG/KG	0.97 U UG/KG
4,4'-DDT	4 4 U UG/KG	4.8 U UG/KG	4.6 U UG/KG	4.4 U UG/KG	4.5 U UG/KG
ALDRIN	3 4 U UG/KG	3.8 U UG/KG	3.7 U UG/KG	3.5 U UG/KG	3.5 U UG/KG
ALPHA-BHC	0 76 U UG/KG	0 84 U UG/KG	0.81 U UG/KG	0.78 U UG/KG	0.78 U UG/KG
ALPHA-CHLORDANE	0 80 U UG/KG	0 88 U UG/KG	0.85 U UG/KG	0.81 U UG/KG	0.82 U UG/KG
AROCLOR-1016					
AROCLOR-1221					
AROCLOR-1232					
AROCLOR-1242					
AROCLOR-1248					
AROCLOR-1254					
AROCLOR-1260					
BETA-BHC	1 1 U UG/KG	1.2 U UG/KG	1.2 U UG/KG	1.1 U UG/KG	1.1 U UG/KG
DELTA-BHC	1 3 U UG/KG	1.5 U UG/KG	1.4 U UG/KG	1.4 U UG/KG	1.4 U UG/KG
DIELDRIN	0 95 U UG/KG	1.0 U UG/KG	1.0 U UG/KG	0.96 U UG/KG	0.97 U UG/KG
ENDOSULFAN I	0 98 U UG/KG	1.1 U UG/KG	1.0 U UG/KG	1.0 U UG/KG	1.0 U UG/KG
ENDOSULFAN II	1 2 U UG/KG	1.4 U UG/KG	1.3 U UG/KG	1.2 U UG/KG	1.3 U UG/KG
ENDOSULFAN SULFATE	4.0 U UG/KG	4.4 U UG/KG	4.2 U UG/KG	4.1 U UG/KG	4.1 U UG/KG
ENDRIN	1.6 U UG/KG	1.7 U UG/KG	1.7 U UG/KG	1.6 U UG/KG	1.6 U UG/KG
ENDRIN ALDEHYDE	1 4 U UG/KG	1.6 U UG/KG	1.5 U UG/KG	1.5 U UG/KG	1.5 U UG/KG
ENDRIN KETONE	7.3 U UG/KG	8.0 U UG/KG	7.7 U UG/KG	7.4 U UG/KG	7.4 U UG/KG
GAMMA-BHC (LINDANE)	0.80 U UG/KG	0.88 U UG/KG	0.85 U UG/KG	0.81 U UG/KG	0.82 U UG/KG
GAMMA-CHLORDANE	0.91 U UG/KG	1.0 U UG/KG	0.97 U UG/KG	0.92 U UG/KG	0.93 U UG/KG
HEPTACHLOR	0.95 U UG/KG	1.0 U UG/KG	1.0 U UG/KG	0.96 U UG/KG	0.97 U UG/KG
HEPTACHLOR EPOXIDE	0.98 U UG/KG	1.1 U UG/KG	1.0 U UG/KG	1.0 U UG/KG	1.0 U UG/KG
METHOXYCHLOR	6.6 U UG/KG	7.2 U UG/KG	7.0 U UG/KG	6.7 U UG/KG	6.7 U UG/KG
TOXAPHENE	73 U UG/KG	80 U UG/KG	77 U UG/KG	74 U UG/KG	74 U UG/KG
PETROLEUM HYDROCARBONS					
DIESEL RANGE ORGANICS	9.3 U MG/KG	9.2 U MG/KG	9.92 MG/KG	9.0 U MG/KG	9.5 U MG/KG
GASOLINE RANGE ORGANICS	0.11 U MG/KG	0.11 UJ MG/KG	0.13 U MG/KG	0.11 U MG/KG	0.11 UJ MG/KG
MISC					
CATION EX. CAPACITY					
TOTAL ORGANIC CARBON					
METALS					
ALUMINUM	4980 MG/KG	5090 MG/KG	1230 MG/KG	2170 MG/KG	2450 MG/KG

SURFACE SOIL SAMPLES

SAMPLE NUMBER	NTCSS15100	NTCSS15100-D	NTCSS15200	NTCSS15300	NTCSS15400
SAMPLE DATE	6/29/97	6/29/97	6/29/97	6/29/97	6/29/97
PARAMETER	RESULTS	RESULTS	RESULTS	RESULTS	RESULTS
ANTIMONY	0 30 U MG/KG	0 33 U MG/KG	0.32 U MG/KG	0.30 U MG/KG	0.31 U MG/KG
ARSENIC	2 5 MG/KG	3 3 MG/KG	0.53 U MG/KG	0.73 MG/KG	1.9 MG/KG
BARIUM	18 7 MG/KG	14.8 MG/KG	3.6 MG/KG	6.3 MG/KG	4.7 MG/KG
BERYLLIUM	0 11 U MG/KG	0.12 U MG/KG	0.04 U MG/KG	0.09 U MG/KG	0.06 U MG/KG
CADMIUM	0 06 U MG/KG	0.06 U MG/KG	0.06 U MG/KG	0.14 U MG/KG	0.06 U MG/KG
CALCIUM	610 J MG/KG	545 J MG/KG	1790 J MG/KG	12500 J MG/KG	1060 J MG/KG
CHROMIUM	6.0 MG/KG	5.8 MG/KG	2.5 MG/KG	3.6 MG/KG	3.6 MG/KG
COBALT	0 19 U MG/KG	0.22 MG/KG	0.20 U MG/KG	0.19 U MG/KG	0.19 U MG/KG
COPPER	0 93 U MG/KG	1.1 U MG/KG	2.5 MG/KG	3.0 MG/KG	5.0 MG/KG
CYANIDE	1 1 UJ MG/KG	1.1 UJ MG/KG	1.3 UJ MG/KG	1.1 UJ MG/KG	1.1 UJ MG/KG
IRON	584 J MG/KG	734 J MG/KG	312 J MG/KG	458 J MG/KG	362 J MG/KG
LEAD	3 0 J MG/KG	3.7 J MG/KG	11.6 J MG/KG	3.7 J MG/KG	2.2 J MG/KG
MAGNESIUM	79 0 MG/KG	83 0 MG/KG	58.5 MG/KG	143 MG/KG	68.0 MG/KG
MANGANESE	1 8 MG/KG	2 4 MG/KG	5.0 MG/KG	5.5 MG/KG	5.2 MG/KG
MERCURY	0 09 U MG/KG	0 10 U MG/KG	0.09 U MG/KG	0.22 MG/KG	0.09 U MG/KG
NICKEL	1 2 MG/KG	1 4 MG/KG	0.34 MG/KG	0.65 MG/KG	0.68 MG/KG
POTASSIUM	71 8 MG/KG	77 2 MG/KG	26.6 MG/KG	33.8 MG/KG	33.1 MG/KG
SELENIUM	0 41 U MG/KG	0 45 U MG/KG	0.43 U MG/KG	0.47 MG/KG	0.42 U MG/KG
SILVER	0 22 U MG/KG	0 24 U MG/KG	0.24 U MG/KG	2.4 MG/KG	0.23 U MG/KG
SODIUM	91.9 U MG/KG	99.5 U MG/KG	96.9 U MG/KG	91.9 U MG/KG	93.4 U MG/KG
THALLIUM	0.45 U MG/KG	0.48 U MG/KG	0.47 U MG/KG	0.45 U MG/KG	0.45 U MG/KG
VANADIUM	6.3 MG/KG	6.6 MG/KG	0.81 MG/KG	2.2 MG/KG	2.2 MG/KG
ZINC	1.0 U MG/KG	1.3 U MG/KG	3.8 U MG/KG	9.1 MG/KG	2.5 U MG/KG
RADIOLOGICAL					
GROSS ALPHA	2.57 +/- 0.329 PCI/G	2.72 +/- 0.364 PCI/G	0.720 +/- 0.126 PCI/G	1.19 +/- 0.181 PCI/G	1.06 +/- 0.157 PCI/G
GROSS BETA	1.28 +/- 0.163 J PCI/G	1.42 +/- 0.189 PCI/G	0.621 +/- 0.101 J PCI/G	0.908 +/- 0.130 PCI/G	0.686 +/- 0.108 PCI/G

SAMPLE NUMBER	NTCSS15500	NTCSS15600	NTCSS15700	NTCSS15800	NTCSS15900
SAMPLE DATE	6/29/97	6/29/97	6/29/97	6/29/97	6/29/97
PARAMETER	RESULTS	RESULTS	RESULTS	RESULTS	RESULTS
VOLATILES					
1,1,1-TRICHLOROETHANE	5 8 U UG/KG	5 6 U UG/KG	5.6 U UG/KG	5.5 U UG/KG	5.4 U UG/KG
1,1,2,2-TETRACHLOROETHANE	5 8 UJ UG/KG	5.6 U UG/KG	5.6 U UG/KG	5.5 U UG/KG	5.4 UJ UG/KG
1,1,2-TRICHLOROETHANE	5 8 U UG/KG	5.6 U UG/KG	5.6 U UG/KG	5.5 U UG/KG	5.4 U UG/KG
1,1-DICHLOROETHANE	5 8 U UG/KG	5 6 U UG/KG	5.6 U UG/KG	5.5 U UG/KG	5.4 U UG/KG
1,1-DICHLOROETHENE	5 8 U UG/KG	5.6 U UG/KG	5.6 U UG/KG	5.5 U UG/KG	5.4 U UG/KG
1,2-DICHLOROETHANE	5 8 U UG/KG	5 6 U UG/KG	5.6 U UG/KG	5.5 U UG/KG	5.4 U UG/KG
1,2-DICHLOROPROPANE	5 8 U UG/KG	5.6 U UG/KG	5.6 U UG/KG	5.5 U UG/KG	5.4 U UG/KG
2-BUTANONE	12 U UG/KG	11 U UG/KG	11 U UG/KG	11 U UG/KG	11 UR UG/KG
2-HEXANONE	12 U UG/KG	11 U UG/KG	11 U UG/KG	11 U UG/KG	11 U UG/KG
4-METHYL-2-PENTANONE	12 U UG/KG	11 U UG/KG	11 U UG/KG	11 U UG/KG	11 U UG/KG
ACETONE	12 UR UG/KG	11 UR UG/KG	11 UR UG/KG	11 UR UG/KG	11 UR UG/KG
BENZENE	5 8 U UG/KG	5 6 U UG/KG	5.6 U UG/KG	5.5 U UG/KG	5.4 U UG/KG
BROMODICHLOROMETHANE	5 8 U UG/KG	5.6 U UG/KG	5.6 U UG/KG	5.5 U UG/KG	5.4 U UG/KG
BROMOFORM	5 8 U UG/KG	5 6 U UG/KG	5.6 U UG/KG	5.5 U UG/KG	5.4 U UG/KG
BROMOMETHANE	12 U UG/KG	11 U UG/KG	11 U UG/KG	11 U UG/KG	11 U UG/KG
CARBON DISULFIDE	5 8 U UG/KG	5 6 U UG/KG	5.6 U UG/KG	5.5 U UG/KG	5.4 UJ UG/KG
CARBON TETRACHLORIDE	5 8 U UG/KG	5.6 U UG/KG	5.6 U UG/KG	5.5 U UG/KG	5.4 UJ UG/KG
CHLOROBENZENE	5 8 U UG/KG	5.6 U UG/KG	5.6 U UG/KG	5.5 U UG/KG	5.4 U UG/KG
CHLOROETHANE	5.8 U UG/KG	5.6 U UG/KG	5.6 U UG/KG	5.5 U UG/KG	5.4 U UG/KG
CHLOROFORM	5 8 U UG/KG	5.6 U UG/KG	5.6 U UG/KG	5.5 U UG/KG	5.4 U UG/KG
CHLOROMETHANE	12 U UG/KG	11 U UG/KG	11 U UG/KG	11 U UG/KG	11 U UG/KG
CIS-1,2-DICHLOROETHENE	5.8 U UG/KG	5.6 U UG/KG	5.6 U UG/KG	5.5 U UG/KG	5.4 U UG/KG
CIS-1,3-DICHLOROPROPENE	5.8 U UG/KG	5.6 U UG/KG	5.6 U UG/KG	5.5 U UG/KG	5.4 U UG/KG
DIBROMOCHLOROMETHANE	5.8 U UG/KG	5.6 U UG/KG	5.6 U UG/KG	5.5 U UG/KG	5.4 U UG/KG
ETHYLBENZENE	5.8 U UG/KG	5.6 U UG/KG	5.6 U UG/KG	5.5 U UG/KG	5.4 U UG/KG
METHYLENE CHLORIDE	5.8 U UG/KG	5.6 U UG/KG	5.6 U UG/KG	5.5 U UG/KG	5.4 U UG/KG
STYRENE	5.8 U UG/KG	5.6 U UG/KG	5.6 U UG/KG	5.5 U UG/KG	5.4 U UG/KG
TETRACHLOROETHENE	5.8 U UG/KG	5.6 U UG/KG	5.6 U UG/KG	5.5 U UG/KG	5.4 U UG/KG
TOLUENE	5.8 U UG/KG	5.6 U UG/KG	5.6 U UG/KG	5.5 U UG/KG	5.4 U UG/KG
TRANS-1,2-DICHLOROETHENE	5.8 U UG/KG	5.6 U UG/KG	5.6 U UG/KG	5.5 U UG/KG	5.4 U UG/KG
TRANS-1,3-DICHLOROPROPENE	5.8 U UG/KG	5.6 U UG/KG	5.6 U UG/KG	5.5 U UG/KG	5.4 U UG/KG
TRICHLOROETHENE	5.8 U UG/KG	5.6 U UG/KG	5.6 U UG/KG	5.5 U UG/KG	5.4 U UG/KG
VINYL CHLORIDE	5.8 U UG/KG	5.6 U UG/KG	5.6 U UG/KG	5.5 U UG/KG	5.4 U UG/KG
XYLENES, TOTAL	5.8 U UG/KG	5.6 U UG/KG	5.6 U UG/KG	5.5 U UG/KG	5.4 U UG/KG
SEMIVOLATILES					
1,2,4-TRICHLOROBENZENE	470 U UG/KG	380 U UG/KG	370 U UG/KG	370 U UG/KG	370 U UG/KG

SAMPLE NUMBER	NTCSS15500	NTCSS15600	NTCSS15700	NTCSS15800	NTCSS15900
SAMPLE DATE	6/29/97	6/29/97	6/29/97	6/29/97	6/29/97
PARAMETER	RESULTS	RESULTS	RESULTS	RESULTS	RESULTS
1,2-DICHLOROBENZENE	470 U UG/KG	380 U UG/KG	370 U UG/KG	370 U UG/KG	370 U UG/KG
1,3-DICHLOROBENZENE	470 U UG/KG	380 U UG/KG	370 U UG/KG	370 U UG/KG	370 U UG/KG
1,4-DICHLOROBENZENE	470 U UG/KG	380 U UG/KG	370 U UG/KG	370 U UG/KG	370 U UG/KG
2,4,5-TRICHLOROPHENOL	470 U UG/KG	380 U UG/KG	370 U UG/KG	370 U UG/KG	370 U UG/KG
2,4,6-TRICHLOROPHENOL	470 U UG/KG	380 U UG/KG	370 U UG/KG	370 U UG/KG	370 U UG/KG
2,4-DICHLOROPHENOL	470 U UG/KG	380 U UG/KG	370 U UG/KG	370 U UG/KG	370 U UG/KG
2,4-DIMETHYLPHENOL	1200 U UG/KG	940 U UG/KG	930 U UG/KG	920 U UG/KG	920 U UG/KG
2,4-DINITROPHENOL	1200 U UG/KG	940 U UG/KG	930 U UG/KG	920 U UG/KG	920 U UG/KG
2,4-DINITROTOLUENE	470 U UG/KG	380 U UG/KG	370 U UG/KG	370 U UG/KG	370 U UG/KG
2,6-DINITROTOLUENE	470 U UG/KG	380 U UG/KG	370 U UG/KG	370 U UG/KG	370 U UG/KG
2-CHLORONAPHTHALENE	470 U UG/KG	380 U UG/KG	370 U UG/KG	370 U UG/KG	370 U UG/KG
2-CHLOROPHENOL	470 U UG/KG	380 U UG/KG	370 U UG/KG	370 U UG/KG	370 U UG/KG
2-METHYLNAPHTHALENE	470 U UG/KG	380 U UG/KG	370 U UG/KG	370 U UG/KG	370 U UG/KG
2-METHYLPHENOL	470 U UG/KG	380 U UG/KG	370 U UG/KG	370 U UG/KG	370 U UG/KG
2-NITROANILINE	470 U UG/KG	380 U UG/KG	370 U UG/KG	370 U UG/KG	370 U UG/KG
2-NITROPHENOL	470 U UG/KG	380 U UG/KG	370 U UG/KG	370 U UG/KG	370 U UG/KG
3&4-METHYLPHENOL	470 U UG/KG	380 U UG/KG	370 U UG/KG	370 U UG/KG	370 U UG/KG
3,3'-DICHLOROBENZIDINE	1200 UJ UG/KG	940 UJ UG/KG	930 UJ UG/KG	920 U UG/KG	920 U UG/KG
3-NITROANILINE	470 U UG/KG	380 U UG/KG	370 U UG/KG	370 U UG/KG	370 U UG/KG
4,6-DINITRO-2-METHYLPHENOL	470 UJ UG/KG	380 UJ UG/KG	370 U UG/KG	370 U UG/KG	370 U UG/KG
4-BROMOPHENYL PHENYL ETHER	470 UJ UG/KG	380 UJ UG/KG	370 U UG/KG	370 U UG/KG	370 U UG/KG
4-CHLORO-3-METHYLPHENOL	1200 U UG/KG	940 U UG/KG	930 U UG/KG	920 U UG/KG	920 U UG/KG
4-CHLOROANILINE	470 U UG/KG	380 U UG/KG	370 U UG/KG	370 U UG/KG	370 U UG/KG
4-CHLOROPHENYL PHENYL ETHER	470 U UG/KG	380 U UG/KG	370 U UG/KG	370 U UG/KG	370 U UG/KG
4-NITROANILINE	470 U UG/KG	380 U UG/KG	370 U UG/KG	370 U UG/KG	370 U UG/KG
4-NITROPHENOL	1200 U UG/KG	940 U UG/KG	930 U UG/KG	920 U UG/KG	920 U UG/KG
ACENAPHTHENE	470 U UG/KG	380 U UG/KG	370 U UG/KG	370 U UG/KG	370 U UG/KG
ACENAPHTHYLENE	470 U UG/KG	380 U UG/KG	370 U UG/KG	370 U UG/KG	370 U UG/KG
ANTHRACENE	470 UJ UG/KG	380 UJ UG/KG	370 U UG/KG	370 U UG/KG	370 U UG/KG
BENZO(A)ANTHRACENE	470 UJ UG/KG	380 UJ UG/KG	370 UJ UG/KG	370 U UG/KG	370 U UG/KG
BENZO(A)PYRENE	120 UJ UG/KG	94 UJ UG/KG	93 UJ UG/KG	92 UJ UG/KG	92 UJ UG/KG
BENZO(B)FLUORANTHENE	470 UJ UG/KG	380 UJ UG/KG	370 U UG/KG	370 U UG/KG	370 U UG/KG
BENZO(G,H,I)PERYLENE	470 UJ UG/KG	380 UJ UG/KG	370 U UG/KG	370 U UG/KG	370 U UG/KG
BENZO(K)FLUORANTHENE	470 UJ UG/KG	380 UJ UG/KG	370 U UG/KG	370 U UG/KG	370 U UG/KG
BIS(2-CHLOROETHOXY)METHANE	470 U UG/KG	380 U UG/KG	370 U UG/KG	370 U UG/KG	370 U UG/KG
BIS(2-CHLOROETHYL)ETHER	470 U UG/KG	380 U UG/KG	370 U UG/KG	370 U UG/KG	370 U UG/KG
BIS(2-CHLOROISOPROPYL) ETHER	470 U UG/KG	380 U UG/KG	370 U UG/KG	370 U UG/KG	370 U UG/KG

SAMPLE NUMBER	NTCSS15500	NTCSS15600	NTCSS15700	NTCSS15800	NTCSS15900
SAMPLE DATE	6/29/97	6/29/97	6/29/97	6/29/97	6/29/97
PARAMETER	RESULTS	RESULTS	RESULTS	RESULTS	RESULTS
BIS(2-ETHYLHEXYL)PHTHALATE	470 UJ UG/KG	380 UJ UG/KG	370 UJ UG/KG	370 U UG/KG	370 U UG/KG
BUTYLBENZYL PHTHALATE	470 UJ UG/KG	380 UJ UG/KG	370 UJ UG/KG	370 U UG/KG	370 U UG/KG
CARBAZOLE	470 U UG/KG	380 U UG/KG	370 U UG/KG	370 U UG/KG	370 U UG/KG
CHRYSENE	470 UJ UG/KG	380 UJ UG/KG	370 UJ UG/KG	370 U UG/KG	370 U UG/KG
DI-N-BUTYL PHTHALATE	470 UJ UG/KG	380 UJ UG/KG	370 U UG/KG	370 U UG/KG	370 U UG/KG
DI-N-OCTYL PHTHALATE	470 UJ UG/KG	380 UJ UG/KG	370 U UG/KG	370 U UG/KG	370 U UG/KG
DIBENZO(A,H)ANTHRACENE	120 UJ UG/KG	94 UJ UG/KG	93 UJ UG/KG	92 U UG/KG	92 UJ UG/KG
DIBENZOFURAN	470 U UG/KG	380 U UG/KG	370 U UG/KG	370 U UG/KG	370 U UG/KG
DIETHYL PHTHALATE	470 U UG/KG	380 U UG/KG	370 U UG/KG	370 U UG/KG	370 U UG/KG
DIMETHYL PHTHALATE	470 U UG/KG	380 U UG/KG	370 U UG/KG	370 U UG/KG	370 U UG/KG
FLUORANTHENE	470 UJ UG/KG	380 UJ UG/KG	370 UJ UG/KG	370 U UG/KG	370 U UG/KG
FLUORENE	470 U UG/KG	380 U UG/KG	370 U UG/KG	370 U UG/KG	370 U UG/KG
HEXACHLOROBENZENE	470 UJ UG/KG	380 UJ UG/KG	370 U UG/KG	370 U UG/KG	370 U UG/KG
HEXACHLOROBUTADIENE	470 U UG/KG	380 U UG/KG	370 U UG/KG	370 U UG/KG	370 U UG/KG
HEXACHLOROCYCLOPENTADIENE	470 U UG/KG	380 U UG/KG	370 U UG/KG	370 U UG/KG	370 U UG/KG
HEXACHLOROETHANE	470 U UG/KG	380 U UG/KG	370 U UG/KG	370 U UG/KG	370 U UG/KG
INDENO(1,2,3-CD)PYRENE	470 UJ UG/KG	380 UJ UG/KG	370 U UG/KG	370 U UG/KG	370 U UG/KG
ISOPHORONE	470 U UG/KG	380 U UG/KG	370 U UG/KG	370 U UG/KG	370 U UG/KG
N-NITROSO-DI-N-PROPYLAMINE	24 U UG/KG	19 U UG/KG	19 UJ UG/KG	18 UJ UG/KG	18 UJ UG/KG
N-NITROSODIPHENYLAMINE	470 UJ UG/KG	380 UJ UG/KG	370 U UG/KG	370 U UG/KG	370 U UG/KG
NAPHTHALENE	470 U UG/KG	380 U UG/KG	370 U UG/KG	370 U UG/KG	370 U UG/KG
NITROBENZENE	470 U UG/KG	380 U UG/KG	370 U UG/KG	370 U UG/KG	370 U UG/KG
PHENANTHRENE	470 UJ UG/KG	380 UJ UG/KG	370 U UG/KG	370 U UG/KG	370 U UG/KG
PHENOL	470 U UG/KG	380 U UG/KG	370 U UG/KG	370 U UG/KG	370 U UG/KG
PYRENE	470 UJ UG/KG	380 UJ UG/KG	370 UJ UG/KG	370 U UG/KG	370 UJ UG/KG
HERBICIDES					
2,4,5-T	1.5 U UG/KG	1.4 U UG/KG	1.4 U UG/KG	1.4 U UG/KG	1.4 U UG/KG
2,4,5-TP (SILVEX)	1.7 U UG/KG	1.7 U UG/KG	1.7 U UG/KG	1.7 U UG/KG	1.6 U UG/KG
2,4-D	8 U UG/KG	7.8 U UG/KG	7.7 U UG/KG	7.7 U UG/KG	7.4 U UG/KG
2,4-DB	4.6 U UG/KG	4.4 U UG/KG	4.4 U UG/KG	4.4 U UG/KG	4.2 U UG/KG
DALAPON	9.2 U UG/KG	8.9 U UG/KG	8.8 UR UG/KG	8.8 UR UG/KG	8.4 UR UG/KG
DICAMBA	4.6 U UG/KG	4.4 U UG/KG	4.4 U UG/KG	4.4 U UG/KG	4.2 U UG/KG
DICHLOROPROP	23 U UG/KG	22 U UG/KG	22 U UG/KG	22 U UG/KG	21 U UG/KG
DINOSEB	4.6 U UG/KG	4.4 U UG/KG	4.4 U UG/KG	4.4 U UG/KG	4.2 U UG/KG
MCPA	2300 U UG/KG	2200 U UG/KG	2200 UR UG/KG	2200 UR UG/KG	2100 UR UG/KG
MCPP	1100 U UG/KG	1100 U UG/KG	1100 UR UG/KG	1100 UR UG/KG	1000 UR UG/KG
PENTACHLOROPHENOL	2.3 U UG/KG	2.2 U UG/KG	2.2 U UG/KG	2.2 U UG/KG	2.1 U UG/KG

SURFACE SOIL SAMPLES

SAMPLE NUMBER	NTCSS15500	NTCSS15600	NTCSS15700	NTCSS15800	NTCSS15900
SAMPLE DATE	6/29/97	6/29/97	6/29/97	6/29/97	6/29/97
PARAMETER	RESULTS	RESULTS	RESULTS	RESULTS	RESULTS
PESTICIDES/PCBS					
4,4'-DDD	2 1 U UG/KG	2 0 U UG/KG	2.0 U UG/KG	2.0 U UG/KG	1.9 U UG/KG
4,4'-DDE	1 0 U UG/KG	3 0 UG/KG	3.1 J UG/KG	0.95 U UG/KG	0.93 U UG/KG
4,4'-DDT	4 6 U UG/KG	4 4 U UG/KG	4.5 U UG/KG	4.4 U UG/KG	4.3 U UG/KG
ALDRIN	3 6 U UG/KG	3.5 U UG/KG	3.5 U UG/KG	3.5 U UG/KG	3.4 U UG/KG
ALPHA-BHC	0 80 U UG/KG	0.77 U UG/KG	0.78 U UG/KG	0.77 U UG/KG	0.75 U UG/KG
ALPHA-CHLORDANE	0 84 U UG/KG	0 81 U UG/KG	0.82 U UG/KG	0.80 U UG/KG	0.79 U UG/KG
AROCLOR-1016					
AROCLOR-1221					
AROCLOR-1232					
AROCLOR-1242					
AROCLOR-1248					
AROCLOR-1254					
AROCLOR-1260					
BETA-BHC	1 1 U UG/KG	1 1 U UG/KG	1.1 U UG/KG	1.1 U UG/KG	1.1 U UG/KG
DELTA-BHC	1 4 U UG/KG	1 4 U UG/KG	1.4 U UG/KG	1.4 U UG/KG	1.3 U UG/KG
DIELDRIN	3 0 UG/KG	0 96 U UG/KG	0.97 U UG/KG	0.95 U UG/KG	0.93 U UG/KG
ENDOSULFAN I	1 0 U UG/KG	1.0 U UG/KG	1.0 U UG/KG	0.99 U UG/KG	0.97 U UG/KG
ENDOSULFAN II	1.3 U UG/KG	1.2 U UG/KG	1.3 U UG/KG	1.2 U UG/KG	1.2 U UG/KG
ENDOSULFAN SULFATE	4.2 U UG/KG	4.0 U UG/KG	4.1 U UG/KG	4.0 U UG/KG	3.9 U UG/KG
ENDRIN	1.6 U UG/KG	1.6 U UG/KG	1.6 U UG/KG	1.6 U UG/KG	1.5 U UG/KG
ENDRIN ALDEHYDE	1.5 U UG/KG	1.5 U UG/KG	1.5 U UG/KG	1.5 U UG/KG	1.4 U UG/KG
ENDRIN KETONE	7.7 U UG/KG	7.4 U UG/KG	7.5 U UG/KG	7.3 U UG/KG	7.2 U UG/KG
GAMMA-BHC (LINDANE)	0 84 U UG/KG	0 81 U UG/KG	0.82 U UG/KG	0.80 U UG/KG	0.79 U UG/KG
GAMMA-CHLORDANE	0.96 U UG/KG	0.92 U UG/KG	0.93 U UG/KG	0.92 U UG/KG	0.90 U UG/KG
HEPTACHLOR	1.0 U UG/KG	0.96 U UG/KG	0.97 U UG/KG	0.95 U UG/KG	0.93 U UG/KG
HEPTACHLOR EPOXIDE	1.0 U UG/KG	1.0 U UG/KG	1.0 U UG/KG	0.99 U UG/KG	0.97 U UG/KG
METHOXYCHLOR	6.9 U UG/KG	6.6 U UG/KG	6.7 U UG/KG	6.6 U UG/KG	6.4 U UG/KG
TOXAPHENE	77 U UG/KG	74 U UG/KG	75 U UG/KG	73 U UG/KG	72 U UG/KG
PETROLEUM HYDROCARBONS					
DIESEL RANGE ORGANICS	12 U MG/KG	9.4 U MG/KG	9.66 MG/KG	9.2 U MG/KG	30.7 MG/KG
GASOLINE RANGE ORGANICS	0.14 U MG/KG	0.11 U MG/KG	0.11 UJ MG/KG	0.11 U MG/KG	0.11 U MG/KG
MISC					
CATION EX. CAPACITY		2180 MG/KG		3520 MG/KG	
TOTAL ORGANIC CARBON		1.1 MG/KG		15100 MG/KG	
METALS					
ALUMINUM	1240 MG/KG	2700 MG/KG	3110 MG/KG	2930 MG/KG	1760 MG/KG

SURFACE SOIL SAMPLES

SAMPLE NUMBER	NTCSS15500	NTCSS15600	NTCSS15700	NTCSS15800	NTCSS15900
SAMPLE DATE	6/29/97	6/29/97	6/29/97	6/29/97	6/29/97
PARAMETER	RESULTS	RESULTS	RESULTS	RESULTS	RESULTS
ANTIMONY	0.31 U MG/KG	0.30 U MG/KG	0.30 U MG/KG	0.30 U MG/KG	0.29 U MG/KG
ARSENIC	0.78 MG/KG	0.84 MG/KG	1.4 MG/KG	0.49 U MG/KG	0.49 U MG/KG
BARIUM	4.2 MG/KG	6.5 MG/KG	8.7 MG/KG	5.4 MG/KG	10.5 MG/KG
BERYLLIUM	0.13 U MG/KG	0.12 U MG/KG	0.10 U MG/KG	0.05 U MG/KG	0.03 U MG/KG
CADMIUM	0.06 U MG/KG	0.06 U MG/KG	0.14 U MG/KG	0.06 U MG/KG	0.05 U MG/KG
CALCIUM	4300 MG/KG	1230 MG/KG	3270 J MG/KG	1840 J MG/KG	1640 J MG/KG
CHROMIUM	2.3 MG/KG	3.5 MG/KG	4.8 MG/KG	2.8 MG/KG	1.9 MG/KG
COBALT	0.20 U MG/KG	0.19 U MG/KG	0.19 U MG/KG	0.19 U MG/KG	0.18 U MG/KG
COPPER	2.0 U MG/KG	2.0 U MG/KG	3.3 MG/KG	2.3 MG/KG	2.6 MG/KG
CYANIDE	1.41 U MG/KG	1.13 U MG/KG	1.1 U MG/KG	1.1 UJ MG/KG	1.1 UJ MG/KG
IRON	552 J MG/KG	500 J MG/KG	645 J MG/KG	246 J MG/KG	299 J MG/KG
LEAD	5.3 MG/KG	7.3 MG/KG	7.1 J MG/KG	4.4 J MG/KG	5.7 J MG/KG
MAGNESIUM	86.7 MG/KG	75.5 MG/KG	86.6 MG/KG	64.5 MG/KG	36.5 MG/KG
MANGANESE	3.8 MG/KG	5.1 MG/KG	8.9 MG/KG	2.6 MG/KG	2.7 MG/KG
MERCURY	0.09 U MG/KG	0.09 U MG/KG	0.13 MG/KG	0.09 U MG/KG	0.09 U MG/KG
NICKEL	0.47 MG/KG	0.96 MG/KG	1.1 MG/KG	0.67 MG/KG	0.28 MG/KG
POTASSIUM	24.7 MG/KG	30.3 MG/KG	43.0 MG/KG	28.8 MG/KG	15.3 MG/KG
SELENIUM	0.43 U MG/KG	0.41 U MG/KG	0.54 MG/KG	0.41 U MG/KG	0.40 U MG/KG
SILVER	0.23 U MG/KG	0.22 U MG/KG	1.9 MG/KG	0.22 U MG/KG	0.22 U MG/KG
SODIUM	95.3 U MG/KG	91.8 U MG/KG	92.5 U MG/KG	90.8 U MG/KG	89.2 U MG/KG
THALLIUM	0.46 U MG/KG	0.44 U MG/KG	0.45 U MG/KG	0.44 U MG/KG	0.43 U MG/KG
VANADIUM	2.7 MG/KG	3.4 MG/KG	2.7 MG/KG	1.1 MG/KG	0.73 MG/KG
ZINC	4.9 MG/KG	7.7 MG/KG	9.6 MG/KG	2.2 U MG/KG	2.6 U MG/KG
RADIOLOGICAL					
GROSS ALPHA	0.826 +/- 0.136 PCI/G	0.741 +/- 0.119 PCI/G	2.09 +/- 0.309 PCI/G	0.806 +/- 0.138 PCI/G	1.51 +/- 0.212 PCI/G
GROSS BETA	0.312 +/- 0.092 PCI/G	0.657 +/- 0.103 PCI/G	1.14 +/- 0.198 PCI/G	0.251 +/- 0.089 PCI/G	0.628 +/- 0.115 J PCI/G

SAMPLE NUMBER	NTCSS16000	NTCSSH0100	NTCSSH0200	NTCSSH0300	NTCSSH0400
SAMPLE DATE	6/29/97	6/29/97	6/29/97	6/29/97	6/29/97
PARAMETER	RESULTS	RESULTS	RESULTS	RESULTS	RESULTS
VOLATILES					
1,1,1-TRICHLOROETHANE	5.5 UJ UG/KG	6.9 U UG/KG	5.6 U UG/KG	6.2 U UG/KG	6.4 U UG/KG
1,1,2,2-TETRACHLOROETHANE	5.5 U UG/KG	6.9 U UG/KG	5.6 U UG/KG	6.2 U UG/KG	6.4 U UG/KG
1,1,2-TRICHLOROETHANE	5.5 U UG/KG	6.9 U UG/KG	5.6 U UG/KG	6.2 U UG/KG	6.4 U UG/KG
1,1-DICHLOROETHANE	5.5 U UG/KG	6.9 U UG/KG	5.6 U UG/KG	6.2 U UG/KG	6.4 U UG/KG
1,1-DICHLOROETHENE	5.5 U UG/KG	6.9 U UG/KG	5.6 U UG/KG	6.2 U UG/KG	6.4 U UG/KG
1,2-DICHLOROETHANE	5.5 UJ UG/KG	6.9 U UG/KG	5.6 U UG/KG	6.2 U UG/KG	6.4 U UG/KG
1,2-DICHLOROPROPANE	5.5 U UG/KG	6.9 U UG/KG	5.6 U UG/KG	6.2 U UG/KG	6.4 U UG/KG
2-BUTANONE	11 U UG/KG	14 U UG/KG	11 U UG/KG	12 U UG/KG	13 UR UG/KG
2-HEXANONE	11 U UG/KG	14 U UG/KG	11 U UG/KG	12 U UG/KG	13 U UG/KG
4-METHYL-2-PENTANONE	11 U UG/KG	14 U UG/KG	11 U UG/KG	12 U UG/KG	13 U UG/KG
ACETONE	11 UR UG/KG	14 UR UG/KG	11 UR UG/KG	12 UR UG/KG	13 UR UG/KG
BENZENE	5.5 U UG/KG	6.9 U UG/KG	5.6 U UG/KG	6.2 U UG/KG	6.4 U UG/KG
BROMODICHLOROMETHANE	5.5 UJ UG/KG	6.9 U UG/KG	5.6 U UG/KG	6.2 U UG/KG	6.4 U UG/KG
BROMOFORM	5.5 U UG/KG	6.9 U UG/KG	5.6 U UG/KG	6.2 U UG/KG	6.4 U UG/KG
BROMOMETHANE	11 U UG/KG	14 U UG/KG	11 U UG/KG	12 U UG/KG	13 U UG/KG
CARBON DISULFIDE	5.5 UJ UG/KG	6.9 U UG/KG	5.6 U UG/KG	6.2 U UG/KG	6.4 U UG/KG
CARBON TETRACHLORIDE	5.5 UJ UG/KG	6.9 U UG/KG	5.6 U UG/KG	6.2 U UG/KG	6.4 U UG/KG
CHLOROBENZENE	5.5 U UG/KG	6.9 U UG/KG	5.6 U UG/KG	6.2 U UG/KG	6.4 U UG/KG
CHLOROETHANE	5.5 U UG/KG	6.9 U UG/KG	5.6 U UG/KG	6.2 U UG/KG	6.4 U UG/KG
CHLOROFORM	5.5 U UG/KG	6.9 U UG/KG	5.6 U UG/KG	6.2 U UG/KG	6.4 U UG/KG
CHLOROMETHANE	11 U UG/KG	14 U UG/KG	11 U UG/KG	12 U UG/KG	13 U UG/KG
CIS-1,2-DICHLOROETHENE	5.5 U UG/KG	6.9 U UG/KG	5.6 U UG/KG	6.2 U UG/KG	6.4 U UG/KG
CIS-1,3-DICHLOROPROPENE	5.5 U UG/KG	6.9 U UG/KG	5.6 U UG/KG	6.2 U UG/KG	6.4 U UG/KG
DIBROMOCHLOROMETHANE	5.5 UJ UG/KG	6.9 U UG/KG	5.6 U UG/KG	6.2 U UG/KG	6.4 U UG/KG
ETHYLBENZENE	5.5 U UG/KG	6.9 U UG/KG	5.6 U UG/KG	6.2 U UG/KG	6.4 U UG/KG
METHYLENE CHLORIDE	5.5 U UG/KG	6.9 U UG/KG	5.6 U UG/KG	6.2 U UG/KG	6.4 U UG/KG
STYRENE	5.5 U UG/KG	6.9 U UG/KG	5.6 U UG/KG	6.2 U UG/KG	6.4 U UG/KG
TETRACHLOROETHENE	5.5 U UG/KG	6.9 U UG/KG	5.6 U UG/KG	6.2 U UG/KG	6.4 U UG/KG
TOLUENE	5.5 U UG/KG	8.7 J UG/KG	5.6 U UG/KG	6.2 U UG/KG	6.4 U UG/KG
TRANS-1,2-DICHLOROETHENE	5.5 U UG/KG	6.9 U UG/KG	5.6 U UG/KG	6.2 U UG/KG	6.4 U UG/KG
TRANS-1,3-DICHLOROPROPENE	5.5 U UG/KG	6.9 U UG/KG	5.6 U UG/KG	6.2 U UG/KG	6.4 U UG/KG
TRICHLOROETHENE	5.5 U UG/KG	6.9 U UG/KG	5.6 U UG/KG	6.2 U UG/KG	6.4 U UG/KG
VINYL CHLORIDE	5.5 U UG/KG	6.9 U UG/KG	5.6 U UG/KG	6.2 U UG/KG	6.4 U UG/KG
XYLENES, TOTAL	5.5 U UG/KG	6.9 U UG/KG	5.6 U UG/KG	6.2 U UG/KG	6.4 U UG/KG
SEMIVOLATILES					
1,2,4-TRICHLOROBENZENE	380 U UG/KG	380 U UG/KG	370 U UG/KG	380 U UG/KG	390 U UG/KG

SAMPLE NUMBER	NTCSS16000	NTCSSH0100	NTCSSH0200	NTCSSH0300	NTCSSH0400
SAMPLE DATE	6/29/97	6/29/97	6/29/97	6/29/97	6/29/97
PARAMETER	RESULTS	RESULTS	RESULTS	RESULTS	RESULTS
1,2-DICHLOROBENZENE	380 U UG/KG	380 U UG/KG	370 U UG/KG	380 U UG/KG	390 U UG/KG
1,3-DICHLOROBENZENE	380 U UG/KG	380 U UG/KG	370 U UG/KG	380 U UG/KG	390 U UG/KG
1,4-DICHLOROBENZENE	380 U UG/KG	380 U UG/KG	370 U UG/KG	380 U UG/KG	390 U UG/KG
2,4,5-TRICHLOROPHENOL	380 U UG/KG	380 U UG/KG	370 U UG/KG	380 U UG/KG	390 U UG/KG
2,4,6-TRICHLOROPHENOL	380 U UG/KG	380 U UG/KG	370 U UG/KG	380 U UG/KG	390 U UG/KG
2,4-DICHLOROPHENOL	380 U UG/KG	380 U UG/KG	370 U UG/KG	380 U UG/KG	390 U UG/KG
2,4-DIMETHYLPHENOL	950 U UG/KG	940 U UG/KG	920 U UG/KG	950 U UG/KG	960 U UG/KG
2,4-DINITROPHENOL	950 U UG/KG	940 U UG/KG	920 U UG/KG	950 U UG/KG	960 U UG/KG
2,4-DINITROTOLUENE	380 U UG/KG	380 U UG/KG	370 U UG/KG	380 U UG/KG	390 U UG/KG
2,6-DINITROTOLUENE	380 U UG/KG	380 U UG/KG	370 U UG/KG	380 U UG/KG	390 U UG/KG
2-CHLORONAPHTHALENE	380 U UG/KG	380 U UG/KG	370 U UG/KG	380 U UG/KG	390 U UG/KG
2-CHLOROPHENOL	380 U UG/KG	380 U UG/KG	370 U UG/KG	380 U UG/KG	390 U UG/KG
2-METHYLNAPHTHALENE	380 U UG/KG	380 U UG/KG	370 U UG/KG	380 U UG/KG	390 U UG/KG
2-METHYLPHENOL	380 U UG/KG	380 U UG/KG	370 U UG/KG	380 U UG/KG	390 U UG/KG
2-NITROANILINE	380 U UG/KG	380 U UG/KG	370 U UG/KG	380 U UG/KG	390 U UG/KG
2-NITROPHENOL	380 U UG/KG	380 U UG/KG	370 U UG/KG	380 U UG/KG	390 U UG/KG
3&4-METHYLPHENOL	380 U UG/KG	380 U UG/KG	370 U UG/KG	380 U UG/KG	390 U UG/KG
3,3'-DICHLOROBENZIDINE	950 U UG/KG	940 UJ UG/KG	920 UJ UG/KG	950 UJ UG/KG	960 UJ UG/KG
3-NITROANILINE	380 U UG/KG	380 U UG/KG	370 U UG/KG	380 U UG/KG	390 U UG/KG
4,6-DINITRO-2-METHYLPHENOL	380 U UG/KG	380 U UG/KG	370 U UG/KG	380 U UG/KG	390 UJ UG/KG
4-BROMOPHENYL PHENYL ETHER	380 U UG/KG	380 U UG/KG	370 U UG/KG	380 U UG/KG	390 UJ UG/KG
4-CHLORO-3-METHYLPHENOL	950 U UG/KG	940 U UG/KG	920 U UG/KG	950 U UG/KG	960 U UG/KG
4-CHLOROANILINE	380 U UG/KG	380 U UG/KG	370 U UG/KG	380 U UG/KG	390 U UG/KG
4-CHLOROPHENYL PHENYL ETHER	380 U UG/KG	380 U UG/KG	370 U UG/KG	380 U UG/KG	390 U UG/KG
4-NITROANILINE	380 U UG/KG	380 U UG/KG	370 U UG/KG	380 U UG/KG	390 U UG/KG
4-NITROPHENOL	950 U UG/KG	940 U UG/KG	920 U UG/KG	950 U UG/KG	960 U UG/KG
ACENAPHTHENE	380 U UG/KG	380 U UG/KG	370 U UG/KG	380 U UG/KG	390 U UG/KG
ACENAPHTHYLENE	380 U UG/KG	380 U UG/KG	370 U UG/KG	380 U UG/KG	390 U UG/KG
ANTHRACENE	380 U UG/KG	380 U UG/KG	370 U UG/KG	380 U UG/KG	390 UJ UG/KG
BENZO(A)ANTHRACENE	380 U UG/KG	380 UJ UG/KG	370 UJ UG/KG	380 UJ UG/KG	390 UJ UG/KG
BENZO(A)PYRENE	95 UJ UG/KG	94 U UG/KG	92 UJ UG/KG	95 UJ UG/KG	96 U UG/KG
BENZO(B)FLUORANTHENE	380 U UG/KG	380 U UG/KG	370 UJ UG/KG	380 UJ UG/KG	390 U UG/KG
BENZO(G,H,I)PERYLENE	380 U UG/KG	380 U UG/KG	370 UJ UG/KG	380 UJ UG/KG	390 U UG/KG
BENZO(K)FLUORANTHENE	380 U UG/KG	380 U UG/KG	370 UJ UG/KG	380 UJ UG/KG	390 U UG/KG
BIS(2-CHLOROETHOXY)METHANE	380 U UG/KG	380 U UG/KG	370 U UG/KG	380 U UG/KG	390 U UG/KG
BIS(2-CHLOROETHYL)ETHER	380 U UG/KG	380 U UG/KG	370 U UG/KG	380 U UG/KG	390 U UG/KG
BIS(2-CHLOROISOPROPYL) ETHER	380 U UG/KG	380 U UG/KG	370 U UG/KG	380 U UG/KG	390 U UG/KG

SAMPLE NUMBER	NTCSS16000	NTCSSH0100	NTCSSH0200	NTCSSH0300	NTCSSH0400
SAMPLE DATE	6/29/97	6/29/97	6/29/97	6/29/97	6/29/97
PARAMETER	RESULTS	RESULTS	RESULTS	RESULTS	RESULTS
BIS(2-ETHYLHEXYL)PHTHALATE	380 U UG/KG	380 UJ UG/KG	370 UJ UG/KG	380 UJ UG/KG	390 UJ UG/KG
BUTYLBENZYL PHTHALATE	380 U UG/KG	380 UJ UG/KG	370 UJ UG/KG	380 UJ UG/KG	390 UJ UG/KG
CARBAZOLE	380 U UG/KG	380 U UG/KG	370 U UG/KG	380 U UG/KG	390 U UG/KG
CHRYSENE	380 U UG/KG	380 UJ UG/KG	370 UJ UG/KG	380 UJ UG/KG	390 UJ UG/KG
DI-N-BUTYL PHTHALATE	380 U UG/KG	380 U UG/KG	370 U UG/KG	380 U UG/KG	390 UJ UG/KG
DI-N-OCTYL PHTHALATE	380 U UG/KG	380 U UG/KG	370 UJ UG/KG	380 UJ UG/KG	390 U UG/KG
DIBENZO(A,H)ANTHRACENE	95 UJ UG/KG	94 U UG/KG	92 UJ UG/KG	95 UJ UG/KG	96 U UG/KG
DIBENZOFURAN	380 U UG/KG	380 U UG/KG	370 U UG/KG	380 U UG/KG	390 U UG/KG
DIETHYL PHTHALATE	380 U UG/KG	380 U UG/KG	370 U UG/KG	380 U UG/KG	390 U UG/KG
DIMETHYL PHTHALATE	380 U UG/KG	380 U UG/KG	370 U UG/KG	380 U UG/KG	390 U UG/KG
FLUORANTHENE	380 UJ UG/KG	380 U UG/KG	370 U UG/KG	380 U UG/KG	390 UJ UG/KG
FLUORENE	380 U UG/KG	380 U UG/KG	370 U UG/KG	380 U UG/KG	390 U UG/KG
HEXACHLOROBENZENE	380 U UG/KG	380 U UG/KG	370 U UG/KG	380 U UG/KG	390 UJ UG/KG
HEXACHLOROBUTADIENE	380 U UG/KG	380 U UG/KG	370 U UG/KG	380 U UG/KG	390 U UG/KG
HEXACHLOROCYCLOPENTADIENE	380 U UG/KG	380 U UG/KG	370 U UG/KG	380 U UG/KG	390 U UG/KG
HEXACHLOROETHANE	380 U UG/KG	380 U UG/KG	370 U UG/KG	380 U UG/KG	390 U UG/KG
INDENO(1,2,3-CD)PYRENE	380 U UG/KG	380 U UG/KG	370 UJ UG/KG	380 UJ UG/KG	390 U UG/KG
ISOPHORONE	380 U UG/KG	380 U UG/KG	370 U UG/KG	380 U UG/KG	390 U UG/KG
N-NITROSO-DI-N-PROPYLAMINE	19 U UG/KG	19 U UG/KG	18 U UG/KG	19 U UG/KG	19 U UG/KG
N-NITROSODIPHENYLAMINE	380 U UG/KG	380 U UG/KG	370 U UG/KG	380 U UG/KG	390 UJ UG/KG
NAPHTHALENE	380 U UG/KG	380 U UG/KG	370 U UG/KG	380 U UG/KG	390 U UG/KG
NITROBENZENE	380 U UG/KG	380 U UG/KG	370 U UG/KG	380 U UG/KG	390 U UG/KG
PHENANTHRENE	380 U UG/KG	380 U UG/KG	370 U UG/KG	380 U UG/KG	390 UJ UG/KG
PHENOL	380 U UG/KG	380 U UG/KG	370 U UG/KG	380 U UG/KG	390 U UG/KG
PYRENE	380 UJ UG/KG	380 UJ UG/KG	370 UJ UG/KG	380 UJ UG/KG	390 UJ UG/KG
HERBICIDES					
2,4,5-T	1.4 U UG/KG	1.8 U UG/KG	1.5 U UG/KG	1.6 U UG/KG	1.7 U UG/KG
2,4,5-TP (SILVEX)	1.7 U UG/KG	2.1 U UG/KG	1.7 U UG/KG	1.9 U UG/KG	2 U UG/KG
2,4-D	7.7 U UG/KG	9.6 U UG/KG	7.9 U UG/KG	8.6 U UG/KG	9 U UG/KG
2,4-DB	4.4 U UG/KG	5.5 U UG/KG	4.5 U UG/KG	4.9 U UG/KG	5.1 U UG/KG
DALAPON	8.8 UR UG/KG	11 U UG/KG	9 U UG/KG	9.8 U UG/KG	10 U UG/KG
DICAMBA	4.4 U UG/KG	5.5 U UG/KG	4.5 U UG/KG	4.9 U UG/KG	5.1 U UG/KG
DICHLOROPROP	22 U UG/KG	27 U UG/KG	22 U UG/KG	24 U UG/KG	26 U UG/KG
DINOSEB	4.4 U UG/KG	5.5 U UG/KG	4.5 U UG/KG	4.9 U UG/KG	5.1 U UG/KG
MCPA	2200 UR UG/KG	2700 U UG/KG	2200 U UG/KG	2400 U UG/KG	2600 UJ UG/KG
MCPP	1100 UR UG/KG	1400 U UG/KG	1100 U UG/KG	1200 U UG/KG	1300 U UG/KG
PENTACHLOROPHENOL	2.2 U UG/KG	2.7 U UG/KG	2.2 U UG/KG	2.4 U UG/KG	2.6 U UG/KG

SURFACE SOIL SAMPLES

SAMPLE NUMBER	NTCSS16000	NTCSSH0100	NTCSSH0200	NTCSSH0300	NTCSSH0400
SAMPLE DATE	6/29/97	6/29/97	6/29/97	6/29/97	6/29/97
PARAMETER	RESULTS	RESULTS	RESULTS	RESULTS	RESULTS
PESTICIDES/PCBS					
4,4'-DDD	2 0 U UG/KG	2 5 U UG/KG	2.2 UG/KG	2.2 U UG/KG	2.3 U UG/KG
4,4'-DDE	0 95 U UG/KG	1.2 U UG/KG	2.2 UG/KG	1.1 U UG/KG	1.1 U UG/KG
4,4'-DDT	4 4 U UG/KG	5.5 U UG/KG	4.5 U UG/KG	4.9 U UG/KG	5.1 U UG/KG
ALDRIN	3 5 U UG/KG	4.3 U UG/KG	3.6 U UG/KG	3.9 U UG/KG	4.0 U UG/KG
ALPHA-BHC	0 77 U UG/KG	0.96 U UG/KG	0.78 U UG/KG	0.86 U UG/KG	0.89 U UG/KG
ALPHA-CHLORDANE	0 81 U UG/KG	1.0 U UG/KG	5.0 UG/KG	0.90 U UG/KG	0.93 U UG/KG
AROCLOR-1016					
AROCLOR-1221					
AROCLOR-1232					
AROCLOR-1242					
AROCLOR-1248					
AROCLOR-1254					
AROCLOR-1260					
BETA-BHC	1 1 U UG/KG	1 4 U UG/KG	1.1 U UG/KG	1.2 U UG/KG	1.3 U UG/KG
DELTA-BHC	1 4 U UG/KG	1 7 U UG/KG	1.4 U UG/KG	1.5 U UG/KG	1.6 U UG/KG
DIELDRIN	0 95 U UG/KG	1.2 U UG/KG	0.97 U UG/KG	1.1 U UG/KG	1.1 U UG/KG
ENDOSULFAN I	0 99 U UG/KG	1.2 U UG/KG	1.0 U UG/KG	1.1 U UG/KG	1.1 U UG/KG
ENDOSULFAN II	1 2 U UG/KG	1.6 U UG/KG	1.3 U UG/KG	1.4 U UG/KG	1.4 U UG/KG
ENDOSULFAN SULFATE	4.0 U UG/KG	5.0 U UG/KG	4.1 U UG/KG	4.5 U UG/KG	4.6 U UG/KG
ENDRIN	1 6 U UG/KG	2.0 U UG/KG	4.4 UG/KG	1.8 U UG/KG	1.8 U UG/KG
ENDRIN ALDEHYDE	1.5 U UG/KG	1.8 U UG/KG	1.5 U UG/KG	1.6 U UG/KG	1.7 U UG/KG
ENDRIN KETONE	7.3 U UG/KG	9.1 U UG/KG	7.5 U UG/KG	8.2 U UG/KG	8.5 U UG/KG
GAMMA-BHC (LINDANE)	0.81 U UG/KG	1.0 U UG/KG	0.82 U UG/KG	0.90 U UG/KG	0.93 U UG/KG
GAMMA-CHLORDANE	0.92 U UG/KG	1.1 U UG/KG	3.9 UG/KG	1.0 U UG/KG	1.0 U UG/KG
HEPTACHLOR	0.95 U UG/KG	1.2 U UG/KG	0.97 U UG/KG	1.1 U UG/KG	1.1 U UG/KG
HEPTACHLOR EPOXIDE	0.99 U UG/KG	1.2 U UG/KG	1.0 U UG/KG	1.1 U UG/KG	1.1 U UG/KG
METHOXYCHLOR	6.6 U UG/KG	8.2 U UG/KG	6.7 U UG/KG	7.4 U UG/KG	7.6 U UG/KG
TOXAPHENE	73 U UG/KG	91 U UG/KG	75 U UG/KG	82 U UG/KG	85 U UG/KG
PETROLEUM HYDROCARBONS					
DIESEL RANGE ORGANICS	9.5 U MG/KG	11.1 MG/KG	9.2 U MG/KG	9.5 U MG/KG	0.22 U MG/KG
GASOLINE RANGE ORGANICS	0.11 U MG/KG	0.11 U MG/KG	0.11 U MG/KG	0.11 U MG/KG	0.12 U MG/KG
MISC					
CATION EX. CAPACITY	2660 MG/KG		2540 MG/KG		
TOTAL ORGANIC CARBON	14800 J MG/KG		10700 MG/KG		
METALS					
ALUMINUM	1280 MG/KG	2880 MG/KG	4660 MG/KG	6520 MG/KG	3870 MG/KG

SURFACE SOIL SAMPLES

SAMPLE NUMBER	NTCSS16000	NTCSSH0100	NTCSSH0200	NTCSSH0300	NTCSSH0400
SAMPLE DATE	6/29/97	6/29/97	6/29/97	6/29/97	6/29/97
PARAMETER	RESULTS	RESULTS	RESULTS	RESULTS	RESULTS
ANTIMONY	0.30 U MG/KG	0.37 U MG/KG	0.30 U MG/KG	0.33 U MG/KG	0.35 U MG/KG
ARSENIC	2.0 MG/KG	0.62 U MG/KG	0.51 U MG/KG	0.68 MG/KG	1.2 MG/KG
BARIUM	4.6 MG/KG	8.6 U MG/KG	9.7 MG/KG	3.8 U MG/KG	11.5 MG/KG
BERYLLIUM	0.08 U MG/KG	0.06 U MG/KG	0.08 U MG/KG	0.06 U MG/KG	0.09 U MG/KG
CADMIUM	0.06 U MG/KG	0.07 U MG/KG	0.06 U MG/KG	0.06 U MG/KG	0.06 U MG/KG
CALCIUM	666 J MG/KG	947 MG/KG	381 MG/KG	168 MG/KG	844 MG/KG
CHROMIUM	5.7 MG/KG	3.4 MG/KG	4.6 MG/KG	5.4 MG/KG	4.6 MG/KG
COBALT	0.19 U MG/KG	0.23 U MG/KG	0.20 MG/KG	0.21 U MG/KG	0.22 U MG/KG
COPPER	3.0 MG/KG	11.9 MG/KG	4.0 MG/KG	0.71 MG/KG	1.3 U MG/KG
CYANIDE	1.1 UJ MG/KG	1.1 UR MG/KG	1.1 UR MG/KG	1.1 UR MG/KG	1.16 U MG/KG
IRON	297 J MG/KG	381 MG/KG	634 MG/KG	571 MG/KG	834 J MG/KG
LEAD	4.2 J MG/KG	6.9 MG/KG	5.3 MG/KG	4.2 MG/KG	5.2 MG/KG
MAGNESIUM	50.0 MG/KG	57.1 MG/KG	60.1 MG/KG	45.6 MG/KG	60.1 MG/KG
MANGANESE	35.5 MG/KG	2.3 MG/KG	2.0 MG/KG	0.78 MG/KG	4.3 MG/KG
MERCURY	0.09 U MG/KG	0.11 U MG/KG	0.09 U MG/KG	0.10 U MG/KG	0.10 U MG/KG
NICKEL	0.38 MG/KG	1.0 MG/KG	1.7 MG/KG	1.2 MG/KG	1.2 MG/KG
POTASSIUM	34.6 MG/KG	27.3 MG/KG	33.4 MG/KG	20.5 MG/KG	36.8 MG/KG
SELENIUM	0.41 U MG/KG	0.51 U MG/KG	0.50 MG/KG	0.46 U MG/KG	0.48 U MG/KG
SILVER	0.22 U MG/KG	0.28 U MG/KG	0.23 U MG/KG	0.25 U MG/KG	0.26 U MG/KG
SODIUM	90.8 U MG/KG	114 U MG/KG	93.0 U MG/KG	102 U MG/KG	106 U MG/KG
THALLIUM	0.44 U MG/KG	0.55 U MG/KG	0.45 U MG/KG	0.49 U MG/KG	0.52 U MG/KG
VANADIUM	0.68 MG/KG	2.6 MG/KG	3.8 MG/KG	2.6 MG/KG	4.3 MG/KG
ZINC	4.7 MG/KG	6.2 MG/KG	6.8 MG/KG	1.2 U MG/KG	5.3 MG/KG
RADIOLOGICAL					
GROSS ALPHA	1.28 +/- 0.185 PCI/G	1.03 +/- 0.152 PCI/G	1.32 +/- 0.184 PCI/G	1.45 +/- 0.204 PCI/G	1.18 +/- 0.168 PCI/G
GROSS BETA	0.754 +/- 0.115 J PCI/G	0.421 +/- 0.090 PCI/G	0.598 +/- 0.099 PCI/G	0.459 +/- 0.089 PCI/G	0.635 +/- 0.103 PCI/G

SAMPLE NUMBER	NTCSSH0500	NTCSSH0500-D	NTCSSH0600	NTCSSH0700	NTCSSH0800
SAMPLE DATE	6/29/97	6/29/97	6/29/97	6/29/97	6/29/97
PARAMETER	RESULTS	RESULTS	RESULTS	RESULTS	RESULTS
VOLATILES					
1,1,1-TRICHLOROETHANE	5 8 U UG/KG	5.7 U UG/KG	5.5 U UG/KG	6.6 U UG/KG	5.4 U UG/KG
1,1,2,2-TETRACHLOROETHANE	5 8 U UG/KG	5.7 U UG/KG	5.5 U UG/KG	6.6 UJ UG/KG	5.4 UJ UG/KG
1,1,2-TRICHLOROETHANE	5 8 U UG/KG	5.7 U UG/KG	5.5 U UG/KG	6.6 U UG/KG	5.4 U UG/KG
1,1-DICHLOROETHANE	5 8 U UG/KG	5.7 U UG/KG	5.5 U UG/KG	6.6 U UG/KG	5.4 U UG/KG
1,1-DICHLOROETHENE	5 8 U UG/KG	5.7 U UG/KG	5.5 U UG/KG	6.6 U UG/KG	5.4 U UG/KG
1,2-DICHLOROETHANE	5 8 U UG/KG	5.7 U UG/KG	5.5 U UG/KG	6.6 U UG/KG	5.4 U UG/KG
1,2-DICHLOROPROPANE	5 8 U UG/KG	5.7 U UG/KG	5.5 U UG/KG	6.6 U UG/KG	5.4 U UG/KG
2-BUTANONE	12 UR UG/KG	11 UR UG/KG	11 U UG/KG	13 U UG/KG	11 U UG/KG
2-HEXANONE	12 U UG/KG	11 U UG/KG	11 U UG/KG	13 U UG/KG	11 U UG/KG
4-METHYL-2-PENTANONE	12 U UG/KG	11 U UG/KG	11 U UG/KG	13 U UG/KG	11 U UG/KG
ACETONE	12 UR UG/KG	11 UR UG/KG	11 UR UG/KG	13 UR UG/KG	11 UR UG/KG
BENZENE	5 8 U UG/KG	5.7 U UG/KG	5.5 U UG/KG	6.6 U UG/KG	5.4 U UG/KG
BROMODICHLOROMETHANE	5 8 U UG/KG	5.7 U UG/KG	5.5 U UG/KG	6.6 U UG/KG	5.4 U UG/KG
BROMOFORM	5 8 U UG/KG	5.7 U UG/KG	5.5 U UG/KG	6.6 U UG/KG	5.4 UJ UG/KG
BROMOMETHANE	12 U UG/KG	11 U UG/KG	11 U UG/KG	13 U UG/KG	11 U UG/KG
CARBON DISULFIDE	5 8 U UG/KG	5.7 U UG/KG	5.5 U UG/KG	6.6 U UG/KG	5.4 U UG/KG
CARBON TETRACHLORIDE	5 8 U UG/KG	5.7 U UG/KG	5.5 U UG/KG	6.6 U UG/KG	5.4 U UG/KG
CHLOROBENZENE	5 8 U UG/KG	5.7 U UG/KG	5.5 U UG/KG	6.6 UJ UG/KG	5.4 UJ UG/KG
CHLOROETHANE	5 8 U UG/KG	5.7 U UG/KG	5.5 U UG/KG	6.6 U UG/KG	5.4 U UG/KG
CHLOROFORM	5.8 U UG/KG	5.7 U UG/KG	5.5 U UG/KG	6.6 U UG/KG	5.4 U UG/KG
CHLOROMETHANE	12 U UG/KG	11 U UG/KG	11 U UG/KG	13 U UG/KG	11 U UG/KG
CIS-1,2-DICHLOROETHENE	5.8 U UG/KG	5.7 U UG/KG	5.5 U UG/KG	6.6 U UG/KG	5.4 U UG/KG
CIS-1,3-DICHLOROPROPENE	5.8 U UG/KG	5.7 U UG/KG	5.5 U UG/KG	6.6 U UG/KG	5.4 UJ UG/KG
DIBROMOCHLOROMETHANE	5.8 U UG/KG	5.7 U UG/KG	5.5 U UG/KG	6.6 U UG/KG	5.4 UJ UG/KG
ETHYLBENZENE	5.8 U UG/KG	5.7 U UG/KG	5.5 U UG/KG	6.6 U UG/KG	5.4 UJ UG/KG
METHYLENE CHLORIDE	5.8 U UG/KG	5.7 U UG/KG	5.5 U UG/KG	6.6 U UG/KG	5.4 U UG/KG
STYRENE	5.8 U UG/KG	5.7 U UG/KG	5.5 U UG/KG	6.6 U UG/KG	5.4 UJ UG/KG
TETRACHLOROETHENE	5.8 U UG/KG	5.7 U UG/KG	5.5 U UG/KG	6.6 U UG/KG	5.4 UJ UG/KG
TOLUENE	5.8 U UG/KG	5.7 U UG/KG	5.5 U UG/KG	6.6 U UG/KG	5.4 U UG/KG
TRANS-1,2-DICHLOROETHENE	5.8 U UG/KG	5.7 U UG/KG	5.5 U UG/KG	6.6 U UG/KG	5.4 U UG/KG
TRANS-1,3-DICHLOROPROPENE	5.8 U UG/KG	5.7 U UG/KG	5.5 U UG/KG	6.6 U UG/KG	5.4 UJ UG/KG
TRICHLOROETHENE	5.8 U UG/KG	5.7 U UG/KG	5.5 U UG/KG	6.6 U UG/KG	5.4 UJ UG/KG
VINYL CHLORIDE	5.8 U UG/KG	5.7 U UG/KG	5.5 U UG/KG	6.6 U UG/KG	5.4 U UG/KG
XYLENES, TOTAL	5.8 U UG/KG	5.7 U UG/KG	5.5 U UG/KG	6.6 U UG/KG	5.4 UJ UG/KG
SEMIVOLATILES					
1,2,4-TRICHLOROBENZENE	380 U UG/KG	380 U UG/KG	360 U UG/KG	360 U UG/KG	410 U UG/KG

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SAMPLE DATE	6/29/97	6/29/97	6/29/97	6/29/97	6/29/97
PARAMETER	RESULTS	RESULTS	RESULTS	RESULTS	RESULTS
1,2-DICHLOROBENZENE	380 U UG/KG	380 U UG/KG	360 U UG/KG	360 U UG/KG	410 U UG/KG
1,3-DICHLOROBENZENE	380 U UG/KG	380 U UG/KG	360 U UG/KG	360 U UG/KG	410 U UG/KG
1,4-DICHLOROBENZENE	380 U UG/KG	380 U UG/KG	360 U UG/KG	360 U UG/KG	410 U UG/KG
2,4,5-TRICHLOROPHENOL	380 U UG/KG	380 U UG/KG	360 U UG/KG	360 U UG/KG	410 U UG/KG
2,4,6-TRICHLOROPHENOL	380 U UG/KG	380 U UG/KG	360 U UG/KG	360 U UG/KG	410 U UG/KG
2,4-DICHLOROPHENOL	380 U UG/KG	380 U UG/KG	360 U UG/KG	360 U UG/KG	410 U UG/KG
2,4-DIMETHYLPHENOL	950 U UG/KG	950 U UG/KG	900 U UG/KG	900 U UG/KG	1000 U UG/KG
2,4-DINITROPHENOL	950 U UG/KG	950 U UG/KG	900 U UG/KG	900 U UG/KG	1000 U UG/KG
2,4-DINITROTOLUENE	380 U UG/KG	380 U UG/KG	360 U UG/KG	360 U UG/KG	410 U UG/KG
2,6-DINITROTOLUENE	380 U UG/KG	380 U UG/KG	360 U UG/KG	360 U UG/KG	410 U UG/KG
2-CHLORONAPHTHALENE	380 U UG/KG	380 U UG/KG	360 U UG/KG	360 U UG/KG	410 U UG/KG
2-CHLOROPHENOL	380 U UG/KG	380 U UG/KG	360 U UG/KG	360 U UG/KG	410 U UG/KG
2-METHYLNAPHTHALENE	380 U UG/KG	380 U UG/KG	360 U UG/KG	360 U UG/KG	410 U UG/KG
2-METHYLPHENOL	380 U UG/KG	380 U UG/KG	360 U UG/KG	360 U UG/KG	410 U UG/KG
2-NITROANILINE	380 U UG/KG	380 U UG/KG	360 U UG/KG	360 U UG/KG	410 U UG/KG
2-NITROPHENOL	380 U UG/KG	380 U UG/KG	360 U UG/KG	360 U UG/KG	410 U UG/KG
3&4-METHYLPHENOL	380 U UG/KG	380 U UG/KG	360 U UG/KG	360 U UG/KG	410 U UG/KG
3,3'-DICHLOROBENZIDINE	950 UJ UG/KG	950 UJ UG/KG	900 UJ UG/KG	900 UJ UG/KG	1000 U UG/KG
3-NITROANILINE	380 U UG/KG	380 U UG/KG	360 U UG/KG	360 U UG/KG	410 U UG/KG
4,6-DINITRO-2-METHYLPHENOL	380 UJ UG/KG	380 UJ UG/KG	360 U UG/KG	360 UJ UG/KG	410 U UG/KG
4-BROMOPHENYL PHENYL ETHER	380 UJ UG/KG	380 UJ UG/KG	360 U UG/KG	360 UJ UG/KG	410 U UG/KG
4-CHLORO-3-METHYLPHENOL	950 U UG/KG	950 U UG/KG	900 U UG/KG	900 U UG/KG	1000 U UG/KG
4-CHLOROANILINE	380 U UG/KG	380 U UG/KG	360 U UG/KG	360 U UG/KG	410 U UG/KG
4-CHLOROPHENYL PHENYL ETHER	380 U UG/KG	380 U UG/KG	360 U UG/KG	360 U UG/KG	410 U UG/KG
4-NITROANILINE	380 U UG/KG	380 U UG/KG	360 U UG/KG	360 U UG/KG	410 U UG/KG
4-NITROPHENOL	950 U UG/KG	950 U UG/KG	900 U UG/KG	900 U UG/KG	1000 U UG/KG
ACENAPHTHENE	380 U UG/KG	380 U UG/KG	360 U UG/KG	360 U UG/KG	410 U UG/KG
ACENAPHTHYLENE	380 U UG/KG	380 U UG/KG	360 U UG/KG	360 U UG/KG	410 U UG/KG
ANTHRACENE	380 UJ UG/KG	380 UJ UG/KG	360 U UG/KG	360 UJ UG/KG	410 U UG/KG
BENZO(A)ANTHRACENE	380 UJ UG/KG	380 UJ UG/KG	360 UJ UG/KG	360 UJ UG/KG	410 U UG/KG
BENZO(A)PYRENE	95 U UG/KG	95 U UG/KG	90 U UG/KG	90 U UG/KG	166 UG/KG
BENZO(B)FLUORANTHENE	380 U UG/KG	380 U UG/KG	360 U UG/KG	360 U UG/KG	410 U UG/KG
BENZO(G,H,I)PERYLENE	380 U UG/KG	380 U UG/KG	360 U UG/KG	360 U UG/KG	410 U UG/KG
BENZO(K)FLUORANTHENE	380 U UG/KG	380 U UG/KG	360 U UG/KG	360 U UG/KG	410 U UG/KG
BIS(2-CHLOROETHOXY)METHANE	380 U UG/KG	380 U UG/KG	360 U UG/KG	360 U UG/KG	410 U UG/KG
BIS(2-CHLOROETHYL)ETHER	380 U UG/KG	380 U UG/KG	360 U UG/KG	360 U UG/KG	410 U UG/KG
BIS(2-CHLOROISOPROPYL) ETHER	380 U UG/KG	380 U UG/KG	360 U UG/KG	360 U UG/KG	410 U UG/KG

SAMPLE NUMBER	NTCSSH0500	NTCSSH0500-D	NTCSSH0600	NTCSSH0700	NTCSSH0800
SAMPLE DATE	6/29/97	6/29/97	6/29/97	6/29/97	6/29/97
PARAMETER	RESULTS	RESULTS	RESULTS	RESULTS	RESULTS
BIS(2-ETHYLHEXYL)PHTHALATE	380 UJ UG/KG	380 UJ UG/KG	360 UJ UG/KG	360 UJ UG/KG	410 U UG/KG
BUTYLBENZYL PHTHALATE	380 UJ UG/KG	380 UJ UG/KG	360 UJ UG/KG	360 UJ UG/KG	410 U UG/KG
CARBAZOLE	380 U UG/KG	380 U UG/KG	360 U UG/KG	360 U UG/KG	410 U UG/KG
CHRYSENE	380 UJ UG/KG	380 UJ UG/KG	360 UJ UG/KG	360 UJ UG/KG	410 U UG/KG
DI-N-BUTYL PHTHALATE	380 UJ UG/KG	380 UJ UG/KG	360 U UG/KG	360 UJ UG/KG	410 U UG/KG
DI-N-OCTYL PHTHALATE	380 U UG/KG	380 U UG/KG	360 U UG/KG	360 U UG/KG	410 U UG/KG
DIBENZO(A,H)ANTHRACENE	95 U UG/KG	95 U UG/KG	90 U UG/KG	90 U UG/KG	100 U UG/KG
DIBENZOFURAN	380 U UG/KG	380 U UG/KG	360 U UG/KG	360 U UG/KG	410 U UG/KG
DIETHYL PHTHALATE	380 U UG/KG	380 U UG/KG	360 U UG/KG	360 U UG/KG	410 U UG/KG
DIMETHYL PHTHALATE	380 U UG/KG	380 U UG/KG	360 U UG/KG	360 U UG/KG	410 U UG/KG
FLUORANTHENE	380 UJ UG/KG	380 UJ UG/KG	360 U UG/KG	360 UJ UG/KG	410 U UG/KG
FLUORENE	380 U UG/KG	380 U UG/KG	360 U UG/KG	360 U UG/KG	410 U UG/KG
HEXACHLOROBENZENE	380 UJ UG/KG	380 UJ UG/KG	360 U UG/KG	360 UJ UG/KG	410 U UG/KG
HEXACHLOROBUTADIENE	380 U UG/KG	380 U UG/KG	360 U UG/KG	360 U UG/KG	410 U UG/KG
HEXACHLOROCYCLOPENTADIENE	380 U UG/KG	380 U UG/KG	360 U UG/KG	360 U UG/KG	410 U UG/KG
HEXACHLOROETHANE	380 U UG/KG	380 U UG/KG	360 U UG/KG	360 U UG/KG	410 U UG/KG
INDENO(1,2,3-CD)PYRENE	380 U UG/KG	380 U UG/KG	360 U UG/KG	360 U UG/KG	410 U UG/KG
ISOPHORONE	380 U UG/KG	380 U UG/KG	360 U UG/KG	360 U UG/KG	410 U UG/KG
N-NITROSO-DI-N-PROPYLAMINE	19 U UG/KG	19 U UG/KG	18 U UG/KG	18 U UG/KG	20 U UG/KG
N-NITROSODIPHENYLAMINE	380 UJ UG/KG	380 UJ UG/KG	360 U UG/KG	360 UJ UG/KG	410 U UG/KG
NAPHTHALENE	380 U UG/KG	380 U UG/KG	360 U UG/KG	360 U UG/KG	410 U UG/KG
NITROBENZENE	380 U UG/KG	380 U UG/KG	360 U UG/KG	360 U UG/KG	410 U UG/KG
PHENANTHRENE	380 UJ UG/KG	380 UJ UG/KG	360 U UG/KG	360 UJ UG/KG	410 U UG/KG
PHENOL	380 U UG/KG	380 U UG/KG	360 U UG/KG	360 U UG/KG	410 U UG/KG
PYRENE	380 UJ UG/KG	380 UJ UG/KG	360 UJ UG/KG	360 UJ UG/KG	410 U UG/KG
HERBICIDES					
2,4,5-T	1.5 U UG/KG	1.5 U UG/KG	1.4 U UG/KG	1.7 U UG/KG	1.4 U UG/KG
2,4,5-TP (SILVEX)	1.8 U UG/KG	1.8 U UG/KG	1.7 U UG/KG	2 U UG/KG	1.6 U UG/KG
2,4-D	8.1 U UG/KG	8.1 U UG/KG	7.7 U UG/KG	9.1 U UG/KG	7.6 U UG/KG
2,4-DB	4.6 U UG/KG	4.6 U UG/KG	4.4 U UG/KG	5.2 U UG/KG	4.3 U UG/KG
DALAPON	9.2 U UG/KG	9.3 U UG/KG	8.8 U UG/KG	10 U UG/KG	8.7 U UG/KG
DICAMBA	4.6 U UG/KG	4.6 U UG/KG	4.4 U UG/KG	5.2 U UG/KG	4.3 U UG/KG
DICHLOROPROP	23 U UG/KG	23 U UG/KG	22 U UG/KG	26 U UG/KG	22 U UG/KG
DINOSEB	4.6 U UG/KG	4.6 U UG/KG	4.4 U UG/KG	5.2 U UG/KG	4.3 U UG/KG
MCPA	2300 UJ UG/KG	2300 U UG/KG	2200 U UG/KG	2600 U UG/KG	2200 U UG/KG
MCPP	1200 U UG/KG	1200 U UG/KG	1100 U UG/KG	1300 U UG/KG	1100 U UG/KG
PENTACHLOROPHENOL	2.3 U UG/KG	2.3 U UG/KG	2.2 U UG/KG	2.6 U UG/KG	2.2 U UG/KG

SURFACE SOIL SAMPLES

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PARAMETER	RESULTS	RESULTS	RESULTS	RESULTS	RESULTS
PESTICIDES/PCBS					
4,4'-DDD	2.1 U UG/KG	2.1 U UG/KG	2.0 U UG/KG	23 UG/KG	1.9 U UG/KG
4,4'-DDE	1.0 U UG/KG	1.0 U UG/KG	0.95 U UG/KG	39.4 UG/KG	0.94 U UG/KG
4,4'-DDT	4.6 U UG/KG	4.6 U UG/KG	4.4 U UG/KG	234 UG/KG	4.3 U UG/KG
ALDRIN	3.6 U UG/KG	3.6 U UG/KG	3.5 U UG/KG	3.4 U UG/KG	3.4 U UG/KG
ALPHA-BHC	0.81 U UG/KG	0.81 U UG/KG	0.77 U UG/KG	0.76 U UG/KG	0.76 U UG/KG
ALPHA-CHLORDANE	0.85 U UG/KG	0.85 U UG/KG	0.80 U UG/KG	36 UG/KG	0.79 U UG/KG
AROCLOR-1016	20 U UG/KG	20 U UG/KG			
AROCLOR-1221	7.3 U UG/KG	7.3 U UG/KG			
AROCLOR-1232	16 U UG/KG	16 U UG/KG			
AROCLOR-1242	11 U UG/KG	11 U UG/KG			
AROCLOR-1248	8.5 U UG/KG	8.5 U UG/KG			
AROCLOR-1254	39 UG/KG	22 UG/KG			
AROCLOR-1260	18 U UG/KG	18 U UG/KG			
BETA-BHC	1.2 U UG/KG	1.2 U UG/KG	1.1 U UG/KG	1.1 U UG/KG	1.1 U UG/KG
DELTA-BHC	1.4 U UG/KG	1.4 U UG/KG	1.4 U UG/KG	1.3 U UG/KG	1.3 U UG/KG
DIELDRIN	1.0 U UG/KG	1.0 U UG/KG	0.95 U UG/KG	0.94 U UG/KG	0.94 U UG/KG
ENDOSULFAN I	1.0 U UG/KG	1.0 U UG/KG	0.98 U UG/KG	0.98 U UG/KG	0.97 U UG/KG
ENDOSULFAN II	1.3 U UG/KG	1.3 U UG/KG	1.2 U UG/KG	1.2 U UG/KG	1.2 U UG/KG
ENDOSULFAN SULFATE	4.2 U UG/KG	4.2 U UG/KG	4.0 U UG/KG	4.0 U UG/KG	4.0 U UG/KG
ENDRIN	1.6 U UG/KG	1.6 U UG/KG	1.6 U UG/KG	1.6 U UG/KG	1.6 U UG/KG
ENDRIN ALDEHYDE	1.5 U UG/KG	1.5 U UG/KG	1.5 U UG/KG	1.4 U UG/KG	1.4 U UG/KG
ENDRIN KETONE	7.7 U UG/KG	7.7 U UG/KG	7.3 U UG/KG	7.3 U UG/KG	7.2 U UG/KG
GAMMA-BHC (LINDANE)	0.85 U UG/KG	0.85 U UG/KG	0.80 U UG/KG	0.80 U UG/KG	0.79 U UG/KG
GAMMA-CHLORDANE	0.96 U UG/KG	0.96 U UG/KG	0.91 U UG/KG	46 UG/KG	0.90 U UG/KG
HEPTACHLOR	1.0 U UG/KG	1.0 U UG/KG	0.95 U UG/KG	4.2 UG/KG	0.94 U UG/KG
HEPTACHLOR EPOXIDE	1.0 U UG/KG	1.0 U UG/KG	0.98 U UG/KG	0.98 U UG/KG	0.97 U UG/KG
METHOXYCHLOR	6.9 U UG/KG	6.9 U UG/KG	6.6 U UG/KG	6.5 U UG/KG	6.5 U UG/KG
TOXAPHENE	77 U UG/KG	77 U UG/KG	73 U UG/KG	73 U UG/KG	72 U UG/KG
PETROLEUM HYDROCARBONS					
DIESEL RANGE ORGANICS	11.1 MG/KG	9.5 U MG/KG	9.0 U MG/KG	11 MG/KG	10 U MG/KG
GASOLINE RANGE ORGANICS	0.11 U MG/KG	0.11 U MG/KG	0.11 U MG/KG	0.11 U MG/KG	0.12 U MG/KG
MISC					
CATION EX. CAPACITY					
TOTAL ORGANIC CARBON					
METALS					
ALUMINUM	2510 MG/KG	2880 MG/KG	614 MG/KG	2870 MG/KG	4070 MG/KG

SURFACE SOIL SAMPLES

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SAMPLE DATE	6/29/97	6/29/97	6/29/97	6/29/97	6/29/97
PARAMETER	RESULTS	RESULTS	RESULTS	RESULTS	RESULTS
ANTIMONY	0.31 U MG/KG	0.31 U MG/KG	0.30 U MG/KG	0.35 U MG/KG	0.29 U MG/KG
ARSENIC	0.85 MG/KG	0.63 MG/KG	0.50 U MG/KG	0.59 U MG/KG	0.49 U MG/KG
BARIUM	10.1 MG/KG	11.4 MG/KG	1.7 U MG/KG	2.2 U MG/KG	5.0 U MG/KG
BERYLLIUM	0.06 U MG/KG	0.08 U MG/KG	0.02 U MG/KG	0.05 U MG/KG	0.07 U MG/KG
CADMIUM	0.06 U MG/KG	0.06 U MG/KG	0.06 U MG/KG	0.06 U MG/KG	0.06 U MG/KG
CALCIUM	443 MG/KG	406 MG/KG	218 MG/KG	209 MG/KG	169 MG/KG
CHROMIUM	3.2 MG/KG	3.4 MG/KG	0.93 MG/KG	3.0 MG/KG	3.8 MG/KG
COBALT	0.20 U MG/KG	0.20 U MG/KG	0.19 U MG/KG	0.22 U MG/KG	0.19 U MG/KG
COPPER	1.7 U MG/KG	1.2 U MG/KG	0.30 MG/KG	0.52 MG/KG	1.3 MG/KG
CYANIDE	1.14 U MG/KG	1.14 U MG/KG	1.1 UR MG/KG	1.1 UR MG/KG	1.2 UR MG/KG
IRON	395 J MG/KG	441 J MG/KG	105 MG/KG	300 MG/KG	401 MG/KG
LEAD	5.0 MG/KG	4.9 MG/KG	2.3 MG/KG	3.8 MG/KG	4.7 MG/KG
MAGNESIUM	46.3 MG/KG	45.1 MG/KG	9.0 U MG/KG	20.4 MG/KG	22.8 MG/KG
MANGANESE	2.2 MG/KG	2.0 MG/KG	0.58 MG/KG	2.1 MG/KG	1.3 MG/KG
MERCURY	0.10 U MG/KG	0.09 U MG/KG	0.09 U MG/KG	0.10 U MG/KG	0.09 U MG/KG
NICKEL	1.3 MG/KG	1.2 MG/KG	0.22 U MG/KG	0.74 MG/KG	1.2 MG/KG
POTASSIUM	40.5 MG/KG	39.8 MG/KG	10.8 U MG/KG	15.0 MG/KG	16.5 MG/KG
SELENIUM	0.43 U MG/KG	0.43 U MG/KG	0.41 U MG/KG	0.48 U MG/KG	0.49 MG/KG
SILVER	0.23 U MG/KG	0.23 U MG/KG	0.22 U MG/KG	0.26 U MG/KG	0.22 U MG/KG
SODIUM	95.9 U MG/KG	96.0 U MG/KG	91.0 U MG/KG	108 U MG/KG	90.0 U MG/KG
THALLIUM	0.46 U MG/KG	0.47 U MG/KG	0.44 U MG/KG	0.52 U MG/KG	0.44 U MG/KG
VANADIUM	2.3 MG/KG	2.8 MG/KG	0.43 MG/KG	1.6 MG/KG	2.0 MG/KG
ZINC	4.4 MG/KG	4.0 MG/KG	0.97 U MG/KG	3.2 U MG/KG	21.6 MG/KG
RADIOLOGICAL					
GROSS ALPHA	1.11 +/- 0.160 PCI/G	0.937 +/- 0.140 PCI/G	0.625 +/- 0.105 PCI/G	1.06 +/- 0.165 PCI/G	1.50 +/- 0.231 PCI/G
GROSS BETA	0.526 +/- 0.093 PCI/G	0.462 +/- 0.087 PCI/G	0.226 +/- 0.070 PCI/G	0.753 +/- 0.115 PCI/G	0.218 +/- 0.113 U PCI/G

SAMPLE NUMBER	NTCSSH0900	NTCSSH1000	NTCSSH1100	NTCSSH1200	NTCSSH1300
SAMPLE DATE	6/29/97	6/29/97	6/29/97	6/29/97	6/29/97
PARAMETER	RESULTS	RESULTS	RESULTS	RESULTS	RESULTS
VOLATILES					
1,1,1-TRICHLOROETHANE	5.6 U UG/KG	5.6 U UG/KG	5.3 U UG/KG	5.4 U UG/KG	5.5 U UG/KG
1,1,2,2-TETRACHLOROETHANE	5.6 U UG/KG	5.6 U UG/KG	5.3 U UG/KG	5.4 U UG/KG	5.5 U UG/KG
1,1,2-TRICHLOROETHANE	5.6 U UG/KG	5.6 U UG/KG	5.3 U UG/KG	5.4 U UG/KG	5.5 U UG/KG
1,1-DICHLOROETHANE	5.6 U UG/KG	5.6 U UG/KG	5.3 U UG/KG	5.4 U UG/KG	5.5 U UG/KG
1,1-DICHLOROETHENE	5.6 U UG/KG	5.6 U UG/KG	5.3 U UG/KG	5.4 U UG/KG	5.5 U UG/KG
1,2-DICHLOROETHANE	5.6 U UG/KG	5.6 U UG/KG	5.3 U UG/KG	5.4 U UG/KG	5.5 U UG/KG
1,2-DICHLOROPROPANE	5.6 U UG/KG	5.6 U UG/KG	5.3 U UG/KG	5.4 U UG/KG	5.5 U UG/KG
2-BUTANONE	11 UR UG/KG	11 UR UG/KG	11 U UG/KG	11 U UG/KG	11 U UG/KG
2-HEXANONE	11 U UG/KG	11 U UG/KG	11 U UG/KG	11 U UG/KG	11 U UG/KG
4-METHYL-2-PENTANONE	11 U UG/KG	11 U UG/KG	11 U UG/KG	11 U UG/KG	11 U UG/KG
ACETONE	11 UR UG/KG	11 UR UG/KG	11 UR UG/KG	11 UR UG/KG	11 UR UG/KG
BENZENE	5.6 U UG/KG	5.6 U UG/KG	5.3 U UG/KG	5.4 U UG/KG	5.5 U UG/KG
BROMODICHLOROMETHANE	5.6 U UG/KG	5.6 U UG/KG	5.3 U UG/KG	5.4 U UG/KG	5.5 U UG/KG
BROMOFORM	5.6 U UG/KG	5.6 U UG/KG	5.3 U UG/KG	5.4 U UG/KG	5.5 U UG/KG
BROMOMETHANE	11 U UG/KG	11 U UG/KG	11 U UG/KG	11 U UG/KG	11 U UG/KG
CARBON DISULFIDE	5.6 U UG/KG	5.6 U UG/KG	5.3 U UG/KG	5.4 U UG/KG	5.5 U UG/KG
CARBON TETRACHLORIDE	5.6 U UG/KG	5.6 U UG/KG	5.3 U UG/KG	5.4 U UG/KG	5.5 U UG/KG
CHLOROBENZENE	5.6 U UG/KG	5.6 U UG/KG	5.3 U UG/KG	5.4 U UG/KG	5.5 U UG/KG
CHLOROETHANE	5.6 U UG/KG	5.6 U UG/KG	5.3 U UG/KG	5.4 U UG/KG	5.5 U UG/KG
CHLOROFORM	5.6 U UG/KG	5.6 U UG/KG	5.3 U UG/KG	5.4 U UG/KG	5.5 U UG/KG
CHLOROMETHANE	11 U UG/KG	11 U UG/KG	11 U UG/KG	11 U UG/KG	11 U UG/KG
CIS-1,2-DICHLOROETHENE	5.6 U UG/KG	5.6 U UG/KG	5.3 U UG/KG	5.4 U UG/KG	5.5 U UG/KG
CIS-1,3-DICHLOROPROPENE	5.6 U UG/KG	5.6 U UG/KG	5.3 U UG/KG	5.4 U UG/KG	5.5 U UG/KG
DIBROMOCHLOROMETHANE	5.6 U UG/KG	5.6 U UG/KG	5.3 U UG/KG	5.4 U UG/KG	5.5 U UG/KG
ETHYLBENZENE	5.6 U UG/KG	5.6 U UG/KG	5.3 U UG/KG	5.4 U UG/KG	5.5 U UG/KG
METHYLENE CHLORIDE	5.6 U UG/KG	5.6 U UG/KG	5.3 U UG/KG	5.4 U UG/KG	5.5 U UG/KG
STYRENE	5.6 U UG/KG	5.6 U UG/KG	5.3 U UG/KG	5.4 U UG/KG	5.5 U UG/KG
TETRACHLOROETHENE	5.6 U UG/KG	5.6 U UG/KG	5.3 U UG/KG	5.4 U UG/KG	5.5 U UG/KG
TOLUENE	5.6 U UG/KG	5.6 U UG/KG	5.3 U UG/KG	5.4 U UG/KG	5.5 U UG/KG
TRANS-1,2-DICHLOROETHENE	5.6 U UG/KG	5.6 U UG/KG	5.3 U UG/KG	5.4 U UG/KG	5.5 U UG/KG
TRANS-1,3-DICHLOROPROPENE	5.6 U UG/KG	5.6 U UG/KG	5.3 U UG/KG	5.4 U UG/KG	5.5 U UG/KG
TRICHLOROETHENE	5.6 U UG/KG	5.6 U UG/KG	5.3 U UG/KG	5.4 U UG/KG	5.5 U UG/KG
VINYL CHLORIDE	5.6 U UG/KG	5.6 U UG/KG	5.3 U UG/KG	5.4 U UG/KG	5.5 U UG/KG
XYLENES, TOTAL	5.6 U UG/KG	5.6 U UG/KG	5.3 U UG/KG	5.4 U UG/KG	5.5 U UG/KG
SEMIVOLATILES					
1,2,4-TRICHLOROBENZENE	380 U UG/KG	370 U UG/KG	350 U UG/KG	360 U UG/KG	360 U UG/KG

SAMPLE NUMBER	NTCSSH0900	NTCSSH1000	NTCSSH1100	NTCSSH1200	NTCSSH1300
SAMPLE DATE	6/29/97	6/29/97	6/29/97	6/29/97	6/29/97
PARAMETER	RESULTS	RESULTS	RESULTS	RESULTS	RESULTS
1,2-DICHLOROBENZENE	380 U UG/KG	370 U UG/KG	350 U UG/KG	360 U UG/KG	360 U UG/KG
1,3-DICHLOROBENZENE	380 U UG/KG	370 U UG/KG	350 U UG/KG	360 U UG/KG	360 U UG/KG
1,4-DICHLOROBENZENE	380 U UG/KG	370 U UG/KG	350 U UG/KG	360 U UG/KG	360 U UG/KG
2,4,5-TRICHLOROPHENOL	380 U UG/KG	370 U UG/KG	350 U UG/KG	360 U UG/KG	360 U UG/KG
2,4,6-TRICHLOROPHENOL	380 U UG/KG	370 U UG/KG	350 U UG/KG	360 U UG/KG	360 U UG/KG
2,4-DICHLOROPHENOL	380 U UG/KG	370 U UG/KG	350 U UG/KG	360 U UG/KG	360 U UG/KG
2,4-DIMETHYLPHENOL	960 U UG/KG	940 U UG/KG	880 U UG/KG	900 U UG/KG	910 U UG/KG
2,4-DINITROPHENOL	960 U UG/KG	940 U UG/KG	880 U UG/KG	900 U UG/KG	910 U UG/KG
2,4-DINITROTOLUENE	380 U UG/KG	370 U UG/KG	350 U UG/KG	360 U UG/KG	360 U UG/KG
2,6-DINITROTOLUENE	380 U UG/KG	370 U UG/KG	350 U UG/KG	360 U UG/KG	360 U UG/KG
2-CHLORONAPHTHALENE	380 U UG/KG	370 U UG/KG	350 U UG/KG	360 U UG/KG	360 U UG/KG
2-CHLOROPHENOL	380 U UG/KG	370 U UG/KG	350 U UG/KG	360 U UG/KG	360 U UG/KG
2-METHYLNAPHTHALENE	380 U UG/KG	370 U UG/KG	350 U UG/KG	360 U UG/KG	360 U UG/KG
2-METHYLPHENOL	380 U UG/KG	370 U UG/KG	350 U UG/KG	360 U UG/KG	360 U UG/KG
2-NITROANILINE	380 U UG/KG	370 U UG/KG	350 U UG/KG	360 U UG/KG	360 U UG/KG
2-NITROPHENOL	380 U UG/KG	370 U UG/KG	350 U UG/KG	360 U UG/KG	360 U UG/KG
3&4-METHYLPHENOL	380 U UG/KG	370 U UG/KG	350 U UG/KG	360 U UG/KG	360 U UG/KG
3,3'-DICHLOROBENZIDINE	960 UJ UG/KG	940 UJ UG/KG	880 UJ UG/KG	900 U UG/KG	910 UJ UG/KG
3-NITROANILINE	380 U UG/KG	370 U UG/KG	350 U UG/KG	360 U UG/KG	360 U UG/KG
4,6-DINITRO-2-METHYLPHENOL	380 UJ UG/KG	370 UJ UG/KG	350 U UG/KG	360 U UG/KG	360 U UG/KG
4-BROMOPHENYL PHENYL ETHER	380 UJ UG/KG	370 UJ UG/KG	350 U UG/KG	360 U UG/KG	360 U UG/KG
4-CHLORO-3-METHYLPHENOL	960 U UG/KG	940 U UG/KG	880 U UG/KG	900 U UG/KG	910 U UG/KG
4-CHLOROANILINE	380 U UG/KG	370 U UG/KG	350 U UG/KG	360 U UG/KG	360 U UG/KG
4-CHLOROPHENYL PHENYL ETHER	380 U UG/KG	370 U UG/KG	350 U UG/KG	360 U UG/KG	360 U UG/KG
4-NITROANILINE	380 U UG/KG	370 U UG/KG	350 U UG/KG	360 U UG/KG	360 U UG/KG
4-NITROPHENOL	960 U UG/KG	940 U UG/KG	880 U UG/KG	900 U UG/KG	910 U UG/KG
ACENAPHTHENE	380 U UG/KG	370 U UG/KG	350 U UG/KG	360 U UG/KG	360 U UG/KG
ACENAPHTHYLENE	380 U UG/KG	370 U UG/KG	350 U UG/KG	360 U UG/KG	360 U UG/KG
ANTHRACENE	380 UJ UG/KG	370 UJ UG/KG	350 U UG/KG	360 U UG/KG	360 U UG/KG
BENZO(A)ANTHRACENE	380 UJ UG/KG	370 UJ UG/KG	350 UJ UG/KG	360 U UG/KG	360 UJ UG/KG
BENZO(A)PYRENE	96 U UG/KG	100 UG/KG	88 UJ UG/KG	90 UJ UG/KG	197 J UG/KG
BENZO(B)FLUORANTHENE	380 U UG/KG	370 U UG/KG	350 UJ UG/KG	360 UJ UG/KG	360 UJ UG/KG
BENZO(G,H,I)PERYLENE	380 U UG/KG	370 U UG/KG	350 UJ UG/KG	360 UJ UG/KG	360 UJ UG/KG
BENZO(K)FLUORANTHENE	380 U UG/KG	370 U UG/KG	350 UJ UG/KG	360 UJ UG/KG	360 UJ UG/KG
BIS(2-CHLOROETHOXY)METHANE	380 U UG/KG	370 U UG/KG	350 U UG/KG	360 U UG/KG	360 U UG/KG
BIS(2-CHLOROETHYL)ETHER	380 U UG/KG	370 U UG/KG	350 U UG/KG	360 U UG/KG	360 U UG/KG
BIS(2-CHLOROISOPROPYL) ETHER	380 U UG/KG	370 U UG/KG	350 U UG/KG	360 U UG/KG	360 U UG/KG

SAMPLE NUMBER SAMPLE DATE PARAMETER	NTCSSH0900 6/29/97 RESULTS	NTCSSH1000 6/29/97 RESULTS	NTCSSH1100 6/29/97 RESULTS	NTCSSH1200 6/29/97 RESULTS	NTCSSH1300 6/29/97 RESULTS
BIS(2-ETHYLHEXYL)PHTHALATE	380 UJ UG/KG	370 UJ UG/KG	350 UJ UG/KG	360 U UG/KG	360 UJ UG/KG
BUTYLBENZYL PHTHALATE	380 UJ UG/KG	370 UJ UG/KG	350 UJ UG/KG	360 U UG/KG	360 UJ UG/KG
CARBAZOLE	380 U UG/KG	370 U UG/KG	350 U UG/KG	360 U UG/KG	360 U UG/KG
CHRYSENE	380 UJ UG/KG	370 UJ UG/KG	350 UJ UG/KG	360 U UG/KG	360 UJ UG/KG
DI-N-BUTYL PHTHALATE	380 UJ UG/KG	370 UJ UG/KG	350 U UG/KG	360 U UG/KG	360 U UG/KG
DI-N-OCTYL PHTHALATE	380 U UG/KG	370 U UG/KG	350 UJ UG/KG	360 UJ UG/KG	360 UJ UG/KG
DIBENZO(A,H)ANTHRACENE	96 U UG/KG	94 U UG/KG	88 UJ UG/KG	90 UJ UG/KG	152 J UG/KG
DIBENZOFURAN	380 U UG/KG	370 U UG/KG	350 U UG/KG	360 U UG/KG	360 U UG/KG
DIETHYL PHTHALATE	380 U UG/KG	370 U UG/KG	350 U UG/KG	360 U UG/KG	360 U UG/KG
DIMETHYL PHTHALATE	380 U UG/KG	370 U UG/KG	350 U UG/KG	360 U UG/KG	360 U UG/KG
FLUORANTHENE	380 UJ UG/KG	370 UJ UG/KG	350 U UG/KG	360 U UG/KG	792 UG/KG
FLUORENE	380 U UG/KG	370 U UG/KG	350 U UG/KG	360 U UG/KG	360 U UG/KG
HEXACHLOROBENZENE	380 UJ UG/KG	370 UJ UG/KG	350 U UG/KG	360 U UG/KG	360 U UG/KG
HEXACHLOROBUTADIENE	380 U UG/KG	370 U UG/KG	350 U UG/KG	360 U UG/KG	360 U UG/KG
HEXACHLOROCYCLOPENTADIENE	380 U UG/KG	370 U UG/KG	350 U UG/KG	360 U UG/KG	360 U UG/KG
HEXACHLOROETHANE	380 U UG/KG	370 U UG/KG	350 U UG/KG	360 U UG/KG	360 U UG/KG
INDENO(1,2,3-CD)PYRENE	380 U UG/KG	370 U UG/KG	350 UJ UG/KG	360 UJ UG/KG	360 UJ UG/KG
ISOPHORONE	380 U UG/KG	370 U UG/KG	350 U UG/KG	360 U UG/KG	360 U UG/KG
N-NITROSO-DI-N-PROPYLAMINE	19 U UG/KG	19 U UG/KG	18 U UG/KG	18 U UG/KG	18 U UG/KG
N-NITROSODIPHENYLAMINE	380 UJ UG/KG	370 UJ UG/KG	350 U UG/KG	360 U UG/KG	360 U UG/KG
NAPHTHALENE	380 U UG/KG	370 U UG/KG	350 U UG/KG	360 U UG/KG	360 U UG/KG
NITROBENZENE	380 U UG/KG	370 U UG/KG	350 U UG/KG	360 U UG/KG	360 U UG/KG
PHENANTHRENE	380 UJ UG/KG	370 UJ UG/KG	350 U UG/KG	360 U UG/KG	532 UG/KG
PHENOL	380 U UG/KG	370 U UG/KG	350 U UG/KG	360 U UG/KG	360 U UG/KG
PYRENE	380 UJ UG/KG	370 UJ UG/KG	350 UJ UG/KG	360 U UG/KG	579 J UG/KG
HERBICIDES					
2,4,5-T	1.4 U UG/KG	1.4 U UG/KG	1.4 U UG/KG	1.4 U UG/KG	1.4 U UG/KG
2,4,5-TP (SILVEX)	1.7 U UG/KG	1.7 U UG/KG	1.6 U UG/KG	1.6 U UG/KG	1.7 U UG/KG
2,4-D	7.8 U UG/KG	7.8 U UG/KG	7.4 U UG/KG	7.6 U UG/KG	7.7 U UG/KG
2,4-DB	4.5 U UG/KG	4.5 U UG/KG	4.2 U UG/KG	4.3 U UG/KG	4.4 U UG/KG
DALAPON	8.9 U UG/KG	8.9 U UG/KG	8.4 U UG/KG	8.6 U UG/KG	8.8 U UG/KG
DICAMBA	4.5 U UG/KG	4.5 U UG/KG	4.2 U UG/KG	4.3 U UG/KG	4.4 U UG/KG
DICHLOROPROP	22 U UG/KG	22 U UG/KG	21 U UG/KG	22 U UG/KG	22 U UG/KG
DINOSEB	4.5 U UG/KG	4.5 U UG/KG	4.2 U UG/KG	4.3 U UG/KG	4.4 U UG/KG
MCPA	2200 U UG/KG	2200 U UG/KG	2100 U UG/KG	2200 U UG/KG	2200 U UG/KG
MCPP	1100 U UG/KG	1100 U UG/KG	1000 U UG/KG	1100 U UG/KG	1100 U UG/KG
PENTACHLOROPHENOL	2.2 U UG/KG	13.5 UG/KG	2.1 U UG/KG	2.2 U UG/KG	2.2 U UG/KG

SURFACE SOIL SAMPLES

SAMPLE NUMBER	NTCSSH0900	NTCSSH1000	NTCSSH1100	NTCSSH1200	NTCSSH1300
SAMPLE DATE	6/29/97	6/29/97	6/29/97	6/29/97	6/29/97
PARAMETER	RESULTS	RESULTS	RESULTS	RESULTS	RESULTS
PESTICIDES/PCBS					
4,4'-DDD	2.0 U UG/KG	2.0 U UG/KG	1.9 U UG/KG	1.9 U UG/KG	2.0 U UG/KG
4,4'-DDE	0.97 U UG/KG	0.97 U UG/KG	0.92 U UG/KG	0.94 U UG/KG	0.95 U UG/KG
4,4'-DDT	4.5 U UG/KG	4.5 U UG/KG	4.2 U UG/KG	4.3 U UG/KG	4.4 U UG/KG
ALDRIN	3.5 U UG/KG	3.5 U UG/KG	3.4 U UG/KG	3.4 U UG/KG	3.5 U UG/KG
ALPHA-BHC	0.78 U UG/KG	0.78 U UG/KG	0.74 U UG/KG	0.76 U UG/KG	0.77 U UG/KG
ALPHA-CHLORDANE	0.82 U UG/KG	60 J UG/KG	0.78 U UG/KG	0.79 U UG/KG	0.80 U UG/KG
AROCLOR-1016					
AROCLOR-1221					
AROCLOR-1232					
AROCLOR-1242					
AROCLOR-1248					
AROCLOR-1254					
AROCLOR-1260					
BETA-BHC	1.1 U UG/KG	1.1 U UG/KG	1.1 U UG/KG	1.1 U UG/KG	1.1 U UG/KG
DELTA-BHC	1.4 U UG/KG	1.4 U UG/KG	1.3 U UG/KG	1.3 U UG/KG	1.4 U UG/KG
DIELDRIN	4.1 UG/KG	9.0 J UG/KG	0.92 U UG/KG	0.94 U UG/KG	0.95 U UG/KG
ENDOSULFAN I	1.0 U UG/KG	1.0 U UG/KG	0.96 U UG/KG	0.97 U UG/KG	0.99 U UG/KG
ENDOSULFAN II	1.3 U UG/KG	1.3 U UG/KG	1.2 U UG/KG	1.2 U UG/KG	1.2 U UG/KG
ENDOSULFAN SULFATE	4.1 U UG/KG	4.1 U UG/KG	3.9 U UG/KG	4.0 U UG/KG	4.0 U UG/KG
ENDRIN	1.6 U UG/KG	1.6 U UG/KG	1.5 U UG/KG	1.5 U UG/KG	1.6 U UG/KG
ENDRIN ALDEHYDE	1.5 U UG/KG	1.5 U UG/KG	1.4 U UG/KG	1.4 U UG/KG	1.5 U UG/KG
ENDRIN KETONE	7.5 U UG/KG	7.4 U UG/KG	7.1 U UG/KG	7.2 U UG/KG	7.3 U UG/KG
GAMMA-BHC (LINDANE)	0.82 U UG/KG	0.82 U UG/KG	0.78 U UG/KG	0.79 U UG/KG	0.80 U UG/KG
GAMMA-CHLORDANE	0.93 U UG/KG	66 J UG/KG	0.88 U UG/KG	0.90 U UG/KG	2.3 UG/KG
HEPTACHLOR	0.97 U UG/KG	0.97 U UG/KG	0.92 U UG/KG	0.94 U UG/KG	0.95 U UG/KG
HEPTACHLOR EPOXIDE	1.0 U UG/KG	6.3 J UG/KG	0.96 U UG/KG	0.97 U UG/KG	0.99 U UG/KG
METHOXYCHLOR	6.7 U UG/KG	6.7 U UG/KG	6.4 U UG/KG	6.5 U UG/KG	6.6 U UG/KG
TOXAPHENE	75 U UG/KG	74 U UG/KG	71 U UG/KG	72 U UG/KG	73 U UG/KG
PETROLEUM HYDROCARBONS					
DIESEL RANGE ORGANICS	9.6 U MG/KG	11.5 MG/KG	24.3 MG/KG	9.0 U MG/KG	13.4 MG/KG
GASOLINE RANGE ORGANICS	0.12 U MG/KG	0.11 U MG/KG	0.11 U MG/KG	0.11 U MG/KG	0.11 U MG/KG
MISC					
CATION EX. CAPACITY				1060 MG/KG	
TOTAL ORGANIC CARBON				9350 MG/KG	
METALS					
ALUMINUM	3910 MG/KG	3400 MG/KG	200 MG/KG	1010 MG/KG	3590 MG/KG

SURFACE SOIL SAMPLES

SAMPLE NUMBER	NTCSSH0900	NTCSSH1000	NTCSSH1100	NTCSSH1200	NTCSSH1300
SAMPLE DATE	6/29/97	6/29/97	6/29/97	6/29/97	6/29/97
PARAMETER	RESULTS	RESULTS	RESULTS	RESULTS	RESULTS
ANTIMONY	0.30 U MG/KG	0.30 U MG/KG	0.29 U MG/KG	0.29 U MG/KG	0.30 U MG/KG
ARSENIC	0.51 U MG/KG	0.52 MG/KG	0.48 U MG/KG	0.49 U MG/KG	0.50 U MG/KG
BARIUM	4.3 MG/KG	8.2 MG/KG	1.1 U MG/KG	3.4 U MG/KG	3.9 U MG/KG
BERYLLIUM	0.06 U MG/KG	0.06 U MG/KG	0.01 U MG/KG	0.02 U MG/KG	0.06 U MG/KG
CADMIUM	0.06 U MG/KG	0.06 U MG/KG	0.05 U MG/KG	0.05 U MG/KG	0.06 U MG/KG
CALCIUM	135 MG/KG	3160 MG/KG	20.9 U MG/KG	199 MG/KG	116 MG/KG
CHROMIUM	4.4 MG/KG	3.6 MG/KG	0.49 MG/KG	1.5 MG/KG	3.3 MG/KG
COBALT	0.19 U MG/KG	0.19 U MG/KG	0.18 U MG/KG	0.18 U MG/KG	0.19 U MG/KG
COPPER	0.77 U MG/KG	1.3 U MG/KG	0.29 U MG/KG	1.0 MG/KG	1.4 MG/KG
CYANIDE	1.15 U MG/KG	1.12 U MG/KG	1.1 UR MG/KG	1.1 UR MG/KG	1.1 UR MG/KG
IRON	469 J MG/KG	409 J MG/KG	60.1 MG/KG	160 MG/KG	407 MG/KG
LEAD	6.8 MG/KG	9.3 MG/KG	2.4 MG/KG	5.2 MG/KG	5.4 MG/KG
MAGNESIUM	21.8 U MG/KG	47.0 MG/KG	3.8 U MG/KG	15.5 MG/KG	25.2 MG/KG
MANGANESE	1.6 MG/KG	2.9 MG/KG	0.28 U MG/KG	1.6 MG/KG	2.1 MG/KG
MERCURY	0.09 U MG/KG	0.09 U MG/KG	0.09 U MG/KG	0.09 U MG/KG	0.09 U MG/KG
NICKEL	1.1 MG/KG	1.1 MG/KG	0.21 U MG/KG	0.28 MG/KG	1.1 MG/KG
POTASSIUM	15.0 MG/KG	19.5 MG/KG	10.5 U MG/KG	11.2 MG/KG	14.9 MG/KG
SELENIUM	0.42 U MG/KG	0.42 U MG/KG	0.39 U MG/KG	0.40 U MG/KG	0.41 U MG/KG
SILVER	0.22 U MG/KG	0.22 U MG/KG	0.21 U MG/KG	0.22 U MG/KG	0.22 U MG/KG
SODIUM	92.7 U MG/KG	92.6 U MG/KG	88.0 U MG/KG	89.6 U MG/KG	91.3 U MG/KG
THALLIUM	0.45 U MG/KG	0.45 U MG/KG	0.43 U MG/KG	0.43 U MG/KG	0.44 U MG/KG
VANADIUM	2.0 MG/KG	1.9 MG/KG	0.22 MG/KG	0.66 MG/KG	1.6 MG/KG
ZINC	4.8 MG/KG	6.0 MG/KG	0.80 U MG/KG	4.7 U MG/KG	4.5 U MG/KG
RADIOLOGICAL					
GROSS ALPHA	1.48 +/- 0.226 PCI/G	1.84 +/- 0.294 PCI/G	0.171 +/- 0.053 PCI/G	0.445 +/- 0.091 PCI/G	1.18 +/- 0.174 PCI/G
GROSS BETA	0.491 +/- 0.111 PCI/G	0.642 +/- 0.159 PCI/G	-0.068+/- 0.012 U PCI/G	0.212 +/- 0.068 PCI/G	0.453 +/- 0.090 PCI/G

SAMPLE NUMBER	NTCSSH1400	NTCSSH1500	NTCSSH1500-D	NTCSSH1600	NTCSSH1700
SAMPLE DATE	6/29/97	6/29/97	6/29/97	6/29/97	6/29/97
PARAMETER	RESULTS	RESULTS	RESULTS	RESULTS	RESULTS
VOLATILES					
1,1,1-TRICHLOROETHANE	5.6 U UG/KG	5.4 U UG/KG	5.4 U UG/KG	8.4 U UG/KG	5.5 U UG/KG
1,1,2,2-TETRACHLOROETHANE	5.6 U UG/KG	5.4 U UG/KG	5.4 UJ UG/KG	8.4 U UG/KG	5.5 UJ UG/KG
1,1,2-TRICHLOROETHANE	5.6 U UG/KG	5.4 U UG/KG	5.4 U UG/KG	8.4 U UG/KG	5.5 U UG/KG
1,1-DICHLOROETHANE	5.6 U UG/KG	5.4 U UG/KG	5.4 U UG/KG	8.4 U UG/KG	5.5 U UG/KG
1,1-DICHLOROETHENE	5.6 U UG/KG	5.4 U UG/KG	5.4 U UG/KG	8.4 U UG/KG	5.5 U UG/KG
1,2-DICHLOROETHANE	5.6 U UG/KG	5.4 U UG/KG	5.4 U UG/KG	8.4 U UG/KG	5.5 U UG/KG
1,2-DICHLOROPROPANE	5.6 U UG/KG	5.4 U UG/KG	5.4 U UG/KG	8.4 U UG/KG	5.5 U UG/KG
2-BUTANONE	11 U UG/KG	11 U UG/KG	11 U UG/KG	17 U UG/KG	11 U UG/KG
2-HEXANONE	11 U UG/KG	11 U UG/KG	11 U UG/KG	17 U UG/KG	11 U UG/KG
4-METHYL-2-PENTANONE	11 U UG/KG	11 U UG/KG	11 U UG/KG	17 U UG/KG	11 U UG/KG
ACETONE	11 UR UG/KG	11 UR UG/KG	11 UR UG/KG	17 UR UG/KG	11 UR UG/KG
BENZENE	5.6 U UG/KG	5.4 U UG/KG	5.4 U UG/KG	8.4 U UG/KG	5.5 U UG/KG
BROMODICHLOROMETHANE	5.6 U UG/KG	5.4 U UG/KG	5.4 U UG/KG	8.4 U UG/KG	5.5 UJ UG/KG
BROMOFORM	5.6 U UG/KG	5.4 U UG/KG	5.4 U UG/KG	8.4 U UG/KG	5.5 UJ UG/KG
BROMOMETHANE	11 U UG/KG	11 U UG/KG	11 U UG/KG	17 U UG/KG	11 U UG/KG
CARBON DISULFIDE	5.6 U UG/KG	5.4 U UG/KG	5.4 U UG/KG	8.4 U UG/KG	5.5 U UG/KG
CARBON TETRACHLORIDE	5.6 U UG/KG	5.4 U UG/KG	5.4 U UG/KG	8.4 U UG/KG	5.5 U UG/KG
CHLOROBENZENE	5.6 U UG/KG	5.4 U UG/KG	5.4 U UG/KG	8.4 U UG/KG	5.5 UJ UG/KG
CHLOROETHANE	5.6 U UG/KG	5.4 U UG/KG	5.4 U UG/KG	8.4 U UG/KG	5.5 U UG/KG
CHLOROFORM	5.6 U UG/KG	5.4 U UG/KG	5.4 U UG/KG	8.4 U UG/KG	5.5 U UG/KG
CHLOROMETHANE	11 U UG/KG	11 U UG/KG	11 U UG/KG	17 U UG/KG	11 U UG/KG
CIS-1,2-DICHLOROETHENE	5.6 U UG/KG	5.4 U UG/KG	5.4 U UG/KG	8.4 U UG/KG	5.5 U UG/KG
CIS-1,3-DICHLOROPROPENE	5.6 U UG/KG	5.4 U UG/KG	5.4 U UG/KG	8.4 U UG/KG	5.5 U UG/KG
DIBROMOCHLOROMETHANE	5.6 U UG/KG	5.4 U UG/KG	5.4 U UG/KG	8.4 U UG/KG	5.5 UJ UG/KG
ETHYLBENZENE	5.6 U UG/KG	5.4 U UG/KG	5.4 U UG/KG	8.4 U UG/KG	5.5 UJ UG/KG
METHYLENE CHLORIDE	5.6 U UG/KG	5.4 U UG/KG	5.4 U UG/KG	8.4 U UG/KG	5.5 U UG/KG
STYRENE	5.6 U UG/KG	5.4 U UG/KG	5.4 U UG/KG	8.4 U UG/KG	5.5 UJ UG/KG
TETRACHLOROETHENE	5.6 U UG/KG	5.4 U UG/KG	5.4 U UG/KG	8.4 U UG/KG	5.5 UJ UG/KG
TOLUENE	5.6 U UG/KG	5.4 U UG/KG	5.4 U UG/KG	8.4 U UG/KG	5.5 U UG/KG
TRANS-1,2-DICHLOROETHENE	5.6 U UG/KG	5.4 U UG/KG	5.4 U UG/KG	8.4 U UG/KG	5.5 U UG/KG
TRANS-1,3-DICHLOROPROPENE	5.6 U UG/KG	5.4 U UG/KG	5.4 U UG/KG	8.4 U UG/KG	5.5 U UG/KG
TRICHLOROETHENE	5.6 U UG/KG	5.4 U UG/KG	5.4 U UG/KG	8.4 U UG/KG	5.5 U UG/KG
VINYL CHLORIDE	5.6 U UG/KG	5.4 U UG/KG	5.4 U UG/KG	8.4 U UG/KG	5.5 U UG/KG
XYLENES, TOTAL	5.6 U UG/KG	5.4 U UG/KG	5.4 U UG/KG	8.4 U UG/KG	5.5 UJ UG/KG
SEMIVOLATILES					
1,2,4-TRICHLOROBENZENE	370 U UG/KG	3600 U UG/KG	730 U UG/KG	360 U UG/KG	370 U UG/KG

SAMPLE NUMBER	NTCSSH1400	NTCSSH1500	NTCSSH1500-D	NTCSSH1600	NTCSSH1700
SAMPLE DATE	6/29/97	6/29/97	6/29/97	6/29/97	6/29/97
PARAMETER	RESULTS	RESULTS	RESULTS	RESULTS	RESULTS
1,2-DICHLOROBENZENE	370 U UG/KG	3600 U UG/KG	730 U UG/KG	360 U UG/KG	370 U UG/KG
1,3-DICHLOROBENZENE	370 U UG/KG	3600 U UG/KG	730 U UG/KG	360 U UG/KG	370 U UG/KG
1,4-DICHLOROBENZENE	370 U UG/KG	3600 U UG/KG	730 U UG/KG	360 U UG/KG	370 U UG/KG
2,4,5-TRICHLOROPHENOL	370 U UG/KG	3600 U UG/KG	730 U UG/KG	360 U UG/KG	370 U UG/KG
2,4,6-TRICHLOROPHENOL	370 U UG/KG	3600 U UG/KG	730 U UG/KG	360 U UG/KG	370 U UG/KG
2,4-DICHLOROPHENOL	370 U UG/KG	3600 U UG/KG	730 U UG/KG	360 U UG/KG	370 U UG/KG
2,4-DIMETHYLPHENOL	930 U UG/KG	9100 U UG/KG	1800 U UG/KG	900 U UG/KG	920 U UG/KG
2,4-DINITROPHENOL	930 U UG/KG	9100 U UG/KG	1800 U UG/KG	900 U UG/KG	920 U UG/KG
2,4-DINITROTOLUENE	370 U UG/KG	3600 U UG/KG	730 U UG/KG	360 U UG/KG	370 U UG/KG
2,6-DINITROTOLUENE	370 U UG/KG	3600 U UG/KG	730 U UG/KG	360 U UG/KG	370 U UG/KG
2-CHLORONAPHTHALENE	370 U UG/KG	3600 U UG/KG	730 U UG/KG	360 U UG/KG	370 U UG/KG
2-CHLOROPHENOL	370 U UG/KG	3600 U UG/KG	730 U UG/KG	360 U UG/KG	370 U UG/KG
2-METHYLNAPHTHALENE	370 U UG/KG	3600 U UG/KG	730 U UG/KG	360 U UG/KG	370 U UG/KG
2-METHYLPHENOL	370 U UG/KG	3600 U UG/KG	730 U UG/KG	360 U UG/KG	370 U UG/KG
2-NITROANILINE	370 U UG/KG	3600 U UG/KG	730 U UG/KG	360 U UG/KG	370 U UG/KG
2-NITROPHENOL	370 U UG/KG	3600 U UG/KG	730 U UG/KG	360 U UG/KG	370 U UG/KG
3&4-METHYLPHENOL	370 U UG/KG	3600 U UG/KG	730 U UG/KG	360 U UG/KG	370 U UG/KG
3,3'-DICHLOROBENZIDINE	930 UJ UG/KG	9100 U UG/KG	1800 U UG/KG	900 UJ UG/KG	920 UJ UG/KG
3-NITROANILINE	370 U UG/KG	3600 U UG/KG	730 U UG/KG	360 U UG/KG	370 U UG/KG
4,6-DINITRO-2-METHYLPHENOL	370 U UG/KG	3600 U UG/KG	730 U UG/KG	360 U UG/KG	370 U UG/KG
4-BROMOPHENYL PHENYL ETHER	370 U UG/KG	3600 U UG/KG	730 U UG/KG	360 U UG/KG	370 U UG/KG
4-CHLORO-3-METHYLPHENOL	930 U UG/KG	9100 U UG/KG	1800 U UG/KG	900 U UG/KG	920 U UG/KG
4-CHLOROANILINE	370 U UG/KG	3600 U UG/KG	730 U UG/KG	360 U UG/KG	370 U UG/KG
4-CHLOROPHENYL PHENYL ETHER	370 U UG/KG	3600 U UG/KG	730 U UG/KG	360 U UG/KG	370 U UG/KG
4-NITROANILINE	370 U UG/KG	3600 U UG/KG	730 U UG/KG	360 U UG/KG	370 U UG/KG
4-NITROPHENOL	930 U UG/KG	9100 U UG/KG	1800 U UG/KG	900 U UG/KG	920 U UG/KG
ACENAPHTHENE	370 U UG/KG	3600 U UG/KG	730 U UG/KG	360 U UG/KG	370 U UG/KG
ACENAPHTHYLENE	370 U UG/KG	3600 U UG/KG	730 U UG/KG	360 U UG/KG	370 U UG/KG
ANTHRACENE	370 U UG/KG	3600 U UG/KG	716 UG/KG	360 U UG/KG	370 U UG/KG
BENZO(A)ANTHRACENE	370 UJ UG/KG	5750 UG/KG	1600 UG/KG	360 UJ UG/KG	370 UJ UG/KG
BENZO(A)PYRENE	93 UJ UG/KG	5500 UG/KG	1490 J UG/KG	90 UJ UG/KG	92 UJ UG/KG
BENZO(B)FLUORANTHENE	370 UJ UG/KG	4410 UG/KG	1220 J UG/KG	360 UJ UG/KG	370 UJ UG/KG
BENZO(G,H,I)PERYLENE	370 UJ UG/KG	4420 UG/KG	1100 J UG/KG	360 UJ UG/KG	370 UJ UG/KG
BENZO(K)FLUORANTHENE	370 UJ UG/KG	2600 UG/KG	802 J UG/KG	360 UJ UG/KG	370 UJ UG/KG
BIS(2-CHLOROETHOXY)METHANE	370 U UG/KG	3600 U UG/KG	730 U UG/KG	360 U UG/KG	370 U UG/KG
BIS(2-CHLOROETHYL)ETHER	370 U UG/KG	3600 U UG/KG	730 U UG/KG	360 U UG/KG	370 U UG/KG
BIS(2-CHLOROISOPROPYL) ETHER	370 U UG/KG	3600 U UG/KG	730 U UG/KG	360 U UG/KG	370 U UG/KG

SURFACE SOIL SAMPLES

SAMPLE NUMBER	NTCSSH1400	NTCSSH1500	NTCSSH1500-D	NTCSSH1600	NTCSSH1700
SAMPLE DATE	6/29/97	6/29/97	6/29/97	6/29/97	6/29/97
PARAMETER	RESULTS	RESULTS	RESULTS	RESULTS	RESULTS
BIS(2-ETHYLHEXYL)PHTHALATE	370 UJ UG/KG	3600 U UG/KG	730 U UG/KG	360 UJ UG/KG	370 UJ UG/KG
BUTYLBENZYL PHTHALATE	370 UJ UG/KG	3600 U UG/KG	730 U UG/KG	360 UJ UG/KG	370 UJ UG/KG
CARBAZOLE	370 U UG/KG	3600 U UG/KG	730 U UG/KG	360 U UG/KG	370 U UG/KG
CHRYSENE	370 UJ UG/KG	6680 UG/KG	1730 UG/KG	360 UJ UG/KG	370 UJ UG/KG
DI-N-BUTYL PHTHALATE	370 U UG/KG	3600 U UG/KG	730 U UG/KG	360 U UG/KG	370 U UG/KG
DI-N-OCTYL PHTHALATE	370 UJ UG/KG	3600 U UG/KG	730 UJ UG/KG	360 UJ UG/KG	370 UJ UG/KG
DIBENZO(A,H)ANTHRACENE	93 UJ UG/KG	1580 UG/KG	392 J UG/KG	90 UJ UG/KG	92 UJ UG/KG
DIBENZOFURAN	370 U UG/KG	3600 U UG/KG	730 U UG/KG	360 U UG/KG	370 U UG/KG
DIETHYL PHTHALATE	370 U UG/KG	3600 U UG/KG	730 U UG/KG	360 U UG/KG	370 U UG/KG
DIMETHYL PHTHALATE	370 U UG/KG	3600 U UG/KG	730 U UG/KG	360 U UG/KG	370 U UG/KG
FLUORANTHENE	370 U UG/KG	22300 UG/KG	3740 UG/KG	360 U UG/KG	370 U UG/KG
FLUORENE	370 U UG/KG	3600 U UG/KG	730 U UG/KG	360 U UG/KG	370 U UG/KG
HEXACHLOROBENZENE	370 U UG/KG	3600 U UG/KG	730 U UG/KG	360 U UG/KG	370 U UG/KG
HEXACHLOROBUTADIENE	370 U UG/KG	3600 U UG/KG	730 U UG/KG	360 U UG/KG	370 U UG/KG
HEXACHLOROCYCLOPENTADIENE	370 U UG/KG	3600 U UG/KG	730 U UG/KG	360 U UG/KG	370 U UG/KG
HEXACHLOROETHANE	370 U UG/KG	3600 U UG/KG	730 U UG/KG	360 U UG/KG	370 U UG/KG
INDENO(1,2,3-CD)PYRENE	370 UJ UG/KG	3930 UG/KG	1060 J UG/KG	360 UJ UG/KG	370 UJ UG/KG
ISOPHORONE	370 U UG/KG	3600 U UG/KG	730 U UG/KG	360 U UG/KG	370 U UG/KG
N-NITROSO-DI-N-PROPYLAMINE	18 U UG/KG	180 U UG/KG	73 U UG/KG	18 U UG/KG	18 U UG/KG
N-NITROSODIPHENYLAMINE	370 U UG/KG	3600 U UG/KG	730 U UG/KG	360 U UG/KG	370 U UG/KG
NAPHTHALENE	370 U UG/KG	3600 U UG/KG	730 U UG/KG	360 U UG/KG	370 U UG/KG
NITROBENZENE	370 U UG/KG	3600 U UG/KG	730 U UG/KG	360 U UG/KG	370 U UG/KG
PHENANTHRENE	370 U UG/KG	11400 UG/KG	2890 UG/KG	360 U UG/KG	370 U UG/KG
PHENOL	370 U UG/KG	3600 U UG/KG	730 U UG/KG	360 U UG/KG	370 U UG/KG
PYRENE	370 UJ UG/KG	14700 UG/KG	2700 UG/KG	360 UJ UG/KG	370 UJ UG/KG
HERBICIDES					
2,4,5-T	1.4 U UG/KG	1.4 U UG/KG	1.4 U UG/KG	2.1 U UG/KG	1.4 U UG/KG
2,4,5-TP (SILVEX)	1.7 U UG/KG	1.6 U UG/KG	1.6 U UG/KG	2.5 U UG/KG	1.6 U UG/KG
2,4-D	7.8 U UG/KG	7.6 U UG/KG	7.6 U UG/KG	12 U UG/KG	7.6 U UG/KG
2,4-DB	4.4 U UG/KG	4.4 U UG/KG	4.4 U UG/KG	6.6 U UG/KG	4.4 U UG/KG
DALAPON	8.9 U UG/KG	8.7 U UG/KG	8.7 U UG/KG	13 U UG/KG	8.7 U UG/KG
DICAMBA	4.4 U UG/KG	4.4 U UG/KG	4.4 U UG/KG	6.6 U UG/KG	4.4 U UG/KG
DICHLOROPROP	22 U UG/KG	22 U UG/KG	22 U UG/KG	33 U UG/KG	22 U UG/KG
DINOSEB	4.4 U UG/KG	4.4 U UG/KG	4.4 U UG/KG	6.6 U UG/KG	4.4 U UG/KG
MCPA	2200 U UG/KG	2200 U UG/KG	2200 U UG/KG	3300 U UG/KG	2200 U UG/KG
MCPP	1100 U UG/KG	1100 U UG/KG	1100 U UG/KG	1600 U UG/KG	1100 U UG/KG
PENTACHLOROPHENOL	2.2 U UG/KG	2.5 UG/KG	2.2 U UG/KG	3.3 U UG/KG	2.2 U UG/KG

SURFACE SOIL SAMPLES

SAMPLE NUMBER	NTCSSH1400	NTCSSH1500	NTCSSH1500-D	NTCSSH1600	NTCSSH1700
SAMPLE DATE	6/29/97	6/29/97	6/29/97	6/29/97	6/29/97
PARAMETER	RESULTS	RESULTS	RESULTS	RESULTS	RESULTS
PESTICIDES/PCBS					
4,4'-DDD	2.7 UG/KG	2.0 U UG/KG	2.0 U UG/KG	3.0 U UG/KG	2.0 U UG/KG
4,4'-DDE	0.96 U UG/KG	0.94 U UG/KG	5.2 UG/KG	1.4 U UG/KG	0.94 U UG/KG
4,4'-DDT	4.4 U UG/KG	4.4 U UG/KG	4.4 U UG/KG	6.7 U UG/KG	4.4 U UG/KG
ALDRIN	3.5 U UG/KG	3.4 U UG/KG	3.4 U UG/KG	5.3 U UG/KG	3.4 U UG/KG
ALPHA-BHC	0.77 U UG/KG	0.76 U UG/KG	0.76 U UG/KG	1.2 U UG/KG	0.76 U UG/KG
ALPHA-CHLORDANE	0.81 U UG/KG	0.80 U UG/KG	0.80 U UG/KG	1.2 U UG/KG	0.80 U UG/KG
AROCLOR-1016		19 U UG/KG	19 U UG/KG		
AROCLOR-1221		6.9 U UG/KG	6.9 U UG/KG		
AROCLOR-1232		15 U UG/KG	15 U UG/KG		
AROCLOR-1242		10 U UG/KG	10 U UG/KG		
AROCLOR-1248		8.0 U UG/KG	8.0 U UG/KG		
AROCLOR-1254		12 U UG/KG	12 U UG/KG		
AROCLOR-1260		17 U UG/KG	17 U UG/KG		
BETA-BHC	1.1 U UG/KG	1.1 U UG/KG	1.1 U UG/KG	1.7 U UG/KG	1.1 U UG/KG
DELTA-BHC	1.4 U UG/KG	1.3 U UG/KG	1.3 U UG/KG	2.0 U UG/KG	1.3 U UG/KG
DIELDRIN	0.96 U UG/KG	0.94 U UG/KG	0.94 U UG/KG	1.4 U UG/KG	0.94 U UG/KG
ENDOSULFAN I	1.0 U UG/KG	0.98 U UG/KG	0.98 U UG/KG	1.5 U UG/KG	0.98 U UG/KG
ENDOSULFAN II	1.2 U UG/KG	1.2 U UG/KG	1.2 U UG/KG	1.9 U UG/KG	1.2 U UG/KG
ENDOSULFAN SULFATE	4.0 U UG/KG	4.0 U UG/KG	4.0 U UG/KG	6.1 U UG/KG	4.0 U UG/KG
ENDRIN	1.6 U UG/KG	1.6 U UG/KG	1.6 U UG/KG	2.4 U UG/KG	1.6 U UG/KG
ENDRIN ALDEHYDE	1.5 U UG/KG	1.4 U UG/KG	1.4 U UG/KG	2.2 U UG/KG	1.4 U UG/KG
ENDRIN KETONE	7.4 U UG/KG	7.3 U UG/KG	7.3 U UG/KG	11 U UG/KG	7.3 U UG/KG
GAMMA-BHC (LINDANE)	0.81 U UG/KG	0.80 U UG/KG	0.80 U UG/KG	1.2 U UG/KG	0.80 U UG/KG
GAMMA-CHLORDANE	0.92 U UG/KG	0.91 U UG/KG	0.91 U UG/KG	1.4 U UG/KG	0.91 U UG/KG
HEPTACHLOR	0.96 U UG/KG	0.94 U UG/KG	2.8 UG/KG	1.4 U UG/KG	0.94 U UG/KG
HEPTACHLOR EPOXIDE	1.0 U UG/KG	0.98 U UG/KG	0.98 U UG/KG	1.5 U UG/KG	0.98 U UG/KG
METHOXYCHLOR	6.6 U UG/KG	6.5 U UG/KG	6.5 U UG/KG	10 U UG/KG	6.5 U UG/KG
TOXAPHENE	74 U UG/KG	73 U UG/KG	73 U UG/KG	110 U UG/KG	73 U UG/KG
PETROLEUM HYDROCARBONS					
DIESEL RANGE ORGANICS	9.3 U MG/KG	32.1 MG/KG	52.9 MG/KG	9.0 U MG/KG	9.2 U MG/KG
GASOLINE RANGE ORGANICS	0.11 U MG/KG	0.11 U MG/KG	0.11 U MG/KG	0.11 U MG/KG	0.11 U MG/KG
MISC					
CATION EX. CAPACITY					
TOTAL ORGANIC CARBON					
METALS					
ALUMINUM	4940 MG/KG	2520 MG/KG	2890 MG/KG	378 MG/KG	1260 MG/KG

SURFACE SOIL SAMPLES

SAMPLE NUMBER	NTCSSH1400	NTCSSH1500	NTCSSH1500-D	NTCSSH1600	NTCSSH1700
SAMPLE DATE	6/29/97	6/29/97	6/29/97	6/29/97	6/29/97
PARAMETER	RESULTS	RESULTS	RESULTS	RESULTS	RESULTS
ANTIMONY	0.30 U MG/KG	0.30 U MG/KG	0.30 U MG/KG	0.45 U MG/KG	0.30 U MG/KG
ARSENIC	0.50 U MG/KG	0.49 U MG/KG	0.49 U MG/KG	0.75 U MG/KG	0.49 U MG/KG
BARIUM	177 MG/KG	7.3 MG/KG	7.3 MG/KG	1.7 U MG/KG	6.6 U MG/KG
BERYLLIUM	0.09 U MG/KG	0.07 U MG/KG	0.08 U MG/KG	0.02 U MG/KG	0.02 U MG/KG
CADMIUM	0.12 U MG/KG	0.15 U MG/KG	0.06 U MG/KG	0.08 U MG/KG	0.06 U MG/KG
CALCIUM	209 MG/KG	467 MG/KG	411 MG/KG	91.0 U MG/KG	262 MG/KG
CHROMIUM	4.9 MG/KG	3.3 MG/KG	4.0 MG/KG	0.94 MG/KG	1.7 MG/KG
COBALT	0.33 MG/KG	0.19 U MG/KG	0.19 U MG/KG	0.28 U MG/KG	0.19 U MG/KG
COPPER	2.0 MG/KG	0.98 MG/KG	0.79 MG/KG	1.2 MG/KG	0.67 MG/KG
CYANIDE	1.1 UR MG/KG	1.1 UR MG/KG	1.1 UR MG/KG	1.1 UR MG/KG	1.1 UR MG/KG
IRON	652 MG/KG	327 MG/KG	335 MG/KG	474 MG/KG	153 MG/KG
LEAD	7.1 MG/KG	7.0 MG/KG	6.9 MG/KG	2.8 MG/KG	3.7 MG/KG
MAGNESIUM	32.7 MG/KG	29.3 MG/KG	26.0 MG/KG	10.2 MG/KG	30.8 MG/KG
MANGANESE	3.8 MG/KG	7.7 MG/KG	4.8 MG/KG	2.0 MG/KG	1.5 MG/KG
MERCURY	0.09 U MG/KG	0.09 U MG/KG	0.09 U MG/KG	0.14 U MG/KG	0.09 U MG/KG
NICKEL	1.2 MG/KG	0.69 MG/KG	0.75 MG/KG	0.33 U MG/KG	0.38 MG/KG
POTASSIUM	13.3 MG/KG	16.1 MG/KG	19.6 MG/KG	16.5 U MG/KG	16.5 MG/KG
SELENIUM	0.44 MG/KG	0.41 U MG/KG	0.41 U MG/KG	0.62 U MG/KG	0.41 U MG/KG
SILVER	0.22 U MG/KG	0.27 MG/KG	0.23 MG/KG	0.33 U MG/KG	0.22 U MG/KG
SODIUM	92.1 U MG/KG	90.4 U MG/KG	90.4 U MG/KG	138 U MG/KG	90.5 U MG/KG
THALLIUM	0.45 U MG/KG	0.44 U MG/KG	0.44 U MG/KG	0.67 U MG/KG	0.44 U MG/KG
VANADIUM	2.2 MG/KG	1.3 MG/KG	1.6 MG/KG	0.33 MG/KG	0.72 MG/KG
ZINC	45.8 MG/KG	5.2 MG/KG	4.7 U MG/KG	11.9 MG/KG	2.0 U MG/KG
RADIOLOGICAL					
GROSS ALPHA	1.45 +/- 0.240 PCI/G	1.53 +/- 0.215 PCI/G	0.940 +/- 0.147 J PCI/G	0.229 +/- 0.056 J PCI/G	0.483 +/- 0.088 J PCI/G
GROSS BETA	0.421 +/- 0.142 PCI/G	0.520 +/- 0.099 PCI/G	0.452 +/- 0.086 PCI/G	0.052 +/- 0.061 U PCI/G	0.378 +/- 0.082 PCI/G

SURFACE SOIL SAMPLES

SAMPLE NUMBER	NTCSSH1800	NTCSSH1900	NTCSSH2000	NTCSSH2100	NTCSSH2200
SAMPLE DATE	6/28/97	6/28/97	6/28/97	6/29/97	6/29/97
PARAMETER	RESULTS	RESULTS	RESULTS	RESULTS	RESULTS
VOLATILES					
1,1,1-TRICHLOROETHANE	5.8 U UG/KG	5.4 U UG/KG	5.4 U UG/KG	5.4 U UG/KG	6.0 U UG/KG
1,1,2,2-TETRACHLOROETHANE	5.8 UJ UG/KG	5.4 U UG/KG	5.4 U UG/KG	5.4 U UG/KG	6.0 U UG/KG
1,1,2-TRICHLOROETHANE	5.8 U UG/KG	5.4 U UG/KG	5.4 U UG/KG	5.4 U UG/KG	6.0 U UG/KG
1,1-DICHLOROETHANE	5.8 U UG/KG	5.4 U UG/KG	5.4 U UG/KG	5.4 U UG/KG	6.0 U UG/KG
1,1-DICHLOROETHENE	5.8 U UG/KG	5.4 U UG/KG	5.4 U UG/KG	5.4 U UG/KG	6.0 U UG/KG
1,2-DICHLOROETHANE	5.8 U UG/KG	5.4 U UG/KG	5.4 U UG/KG	5.4 U UG/KG	6.0 U UG/KG
1,2-DICHLOROPROPANE	5.8 U UG/KG	5.4 U UG/KG	5.4 U UG/KG	5.4 U UG/KG	6.0 U UG/KG
2-BUTANONE	12 U UG/KG	11 U UG/KG	11 U UG/KG	11 U UG/KG	12 U UG/KG
2-HEXANONE	12 U UG/KG	11 U UG/KG	11 U UG/KG	11 U UG/KG	12 U UG/KG
4-METHYL-2-PENTANONE	12 U UG/KG	11 U UG/KG	11 U UG/KG	11 U UG/KG	12 U UG/KG
ACETONE	12 UR UG/KG	11 UR UG/KG	11 UR UG/KG	11 U UG/KG	12 U UG/KG
BENZENE	5.8 U UG/KG	5.4 U UG/KG	5.4 U UG/KG	5.4 U UG/KG	6.0 U UG/KG
BROMODICHLOROMETHANE	5.8 UJ UG/KG	5.4 U UG/KG	5.4 U UG/KG	5.4 U UG/KG	6.0 U UG/KG
BROMOFORM	5.8 UJ UG/KG	5.4 U UG/KG	5.4 U UG/KG	5.4 U UG/KG	6.0 U UG/KG
BROMOMETHANE	12 U UG/KG	11 U UG/KG	11 U UG/KG	11 U UG/KG	12 U UG/KG
CARBON DISULFIDE	5.8 U UG/KG	5.4 U UG/KG	5.4 U UG/KG	5.4 U UG/KG	6.0 U UG/KG
CARBON TETRACHLORIDE	5.8 U UG/KG	5.4 U UG/KG	5.4 U UG/KG	5.4 U UG/KG	6.0 U UG/KG
CHLOROBENZENE	5.8 UJ UG/KG	5.4 U UG/KG	5.4 U UG/KG	5.4 U UG/KG	6.0 U UG/KG
CHLOROETHANE	5.8 U UG/KG	5.4 U UG/KG	5.4 U UG/KG	5.4 U UG/KG	6.0 U UG/KG
CHLOROFORM	5.8 U UG/KG	5.4 U UG/KG	5.4 U UG/KG	5.4 U UG/KG	6.0 U UG/KG
CHLOROMETHANE	12 U UG/KG	11 U UG/KG	11 U UG/KG	11 U UG/KG	7.4 UG/KG
CIS-1,2-DICHLOROETHENE	5.8 U UG/KG	5.4 U UG/KG	5.4 U UG/KG	5.4 U UG/KG	6.0 U UG/KG
CIS-1,3-DICHLOROPROPENE	5.8 U UG/KG	5.4 U UG/KG	5.4 U UG/KG	5.4 U UG/KG	6.0 U UG/KG
DIBROMOCHLOROMETHANE	5.8 UJ UG/KG	5.4 U UG/KG	5.4 U UG/KG	5.4 U UG/KG	6.0 U UG/KG
ETHYLBENZENE	5.8 UJ UG/KG	5.4 U UG/KG	5.4 U UG/KG	5.4 U UG/KG	6.0 U UG/KG
METHYLENE CHLORIDE	5.8 U UG/KG	5.4 U UG/KG	5.4 U UG/KG	5.4 U UG/KG	6.0 U UG/KG
STYRENE	5.8 UJ UG/KG	5.4 U UG/KG	5.4 U UG/KG	5.4 U UG/KG	6.0 U UG/KG
TETRACHLOROETHENE	5.8 UJ UG/KG	5.4 U UG/KG	5.4 U UG/KG	5.4 U UG/KG	6.0 U UG/KG
TOLUENE	5.8 U UG/KG	5.4 U UG/KG	5.4 U UG/KG	5.4 U UG/KG	4.5 UG/KG
TRANS-1,2-DICHLOROETHENE	5.8 U UG/KG	5.4 U UG/KG	5.4 U UG/KG	5.4 U UG/KG	6.0 U UG/KG
TRANS-1,3-DICHLOROPROPENE	5.8 U UG/KG	5.4 U UG/KG	5.4 U UG/KG	5.4 U UG/KG	6.0 U UG/KG
TRICHLOROETHENE	5.8 U UG/KG	5.4 U UG/KG	5.4 U UG/KG	5.4 U UG/KG	6.0 U UG/KG
VINYL CHLORIDE	5.8 U UG/KG	5.4 U UG/KG	5.4 U UG/KG	5.4 U UG/KG	6.0 U UG/KG
XYLENES, TOTAL	5.8 UJ UG/KG	5.4 U UG/KG	5.4 U UG/KG	5.4 U UG/KG	6.0 U UG/KG
SEMIVOLATILES					
1,2,4-TRICHLOROBENZENE	1400 U UG/KG	360 U UG/KG	370 U UG/KG	360 U UG/KG	360 U UG/KG

SAMPLE NUMBER	NTCSSH1800	NTCSSH1900	NTCSSH2000	NTCSSH2100	NTCSSH2200
SAMPLE DATE	6/28/97	6/28/97	6/28/97	6/29/97	6/29/97
PARAMETER	RESULTS	RESULTS	RESULTS	RESULTS	RESULTS
1,2-DICHLOROBENZENE	1400 U UG/KG	360 U UG/KG	370 U UG/KG	360 U UG/KG	360 U UG/KG
1,3-DICHLOROBENZENE	1400 U UG/KG	360 U UG/KG	370 U UG/KG	360 U UG/KG	360 U UG/KG
1,4-DICHLOROBENZENE	1400 U UG/KG	360 U UG/KG	370 U UG/KG	360 U UG/KG	360 U UG/KG
2,4,5-TRICHLOROPHENOL	1400 U UG/KG	360 U UG/KG	370 U UG/KG	360 U UG/KG	360 U UG/KG
2,4,6-TRICHLOROPHENOL	1400 U UG/KG	360 U UG/KG	370 U UG/KG	360 U UG/KG	360 U UG/KG
2,4-DICHLOROPHENOL	1400 U UG/KG	360 U UG/KG	370 U UG/KG	360 U UG/KG	360 U UG/KG
2,4-DIMETHYLPHENOL	3600 U UG/KG	910 U UG/KG	920 U UG/KG	900 U UG/KG	910 U UG/KG
2,4-DINITROPHENOL	3600 U UG/KG	910 U UG/KG	920 U UG/KG	900 U UG/KG	910 U UG/KG
2,4-DINITROTOLUENE	1400 U UG/KG	360 U UG/KG	370 U UG/KG	360 U UG/KG	360 U UG/KG
2,6-DINITROTOLUENE	1400 U UG/KG	360 U UG/KG	370 U UG/KG	360 U UG/KG	360 U UG/KG
2-CHLORONAPHTHALENE	1400 U UG/KG	360 U UG/KG	370 U UG/KG	360 U UG/KG	360 U UG/KG
2-CHLOROPHENOL	1400 U UG/KG	360 U UG/KG	370 U UG/KG	360 U UG/KG	360 U UG/KG
2-METHYLNAPHTHALENE	1400 U UG/KG	360 U UG/KG	370 U UG/KG	360 U UG/KG	360 U UG/KG
2-METHYLPHENOL	1400 U UG/KG	360 U UG/KG	370 U UG/KG	360 U UG/KG	360 U UG/KG
2-NITROANILINE	1400 U UG/KG	360 U UG/KG	370 U UG/KG	360 U UG/KG	360 U UG/KG
2-NITROPHENOL	1400 U UG/KG	360 U UG/KG	370 U UG/KG	360 U UG/KG	360 U UG/KG
3&4-METHYLPHENOL	1400 U UG/KG	360 U UG/KG	370 U UG/KG	360 U UG/KG	360 U UG/KG
3,3'-DICHLOROBENZIDINE	3600 UJ UG/KG	910 U UG/KG	920 U UG/KG	900 U UG/KG	910 UJ UG/KG
3-NITROANILINE	1400 U UG/KG	360 U UG/KG	370 U UG/KG	360 U UG/KG	360 U UG/KG
4,6-DINITRO-2-METHYLPHENOL	1400 U UG/KG	360 U UG/KG	370 U UG/KG	360 U UG/KG	360 U UG/KG
4-BROMOPHENYL PHENYL ETHER	1400 U UG/KG	360 U UG/KG	370 U UG/KG	360 U UG/KG	360 U UG/KG
4-CHLORO-3-METHYLPHENOL	3600 U UG/KG	910 U UG/KG	920 U UG/KG	900 U UG/KG	910 U UG/KG
4-CHLOROANILINE	1400 U UG/KG	360 U UG/KG	370 U UG/KG	360 U UG/KG	360 U UG/KG
4-CHLOROPHENYL PHENYL ETHER	1400 U UG/KG	360 U UG/KG	370 U UG/KG	360 U UG/KG	360 U UG/KG
4-NITROANILINE	1400 U UG/KG	360 U UG/KG	370 U UG/KG	360 U UG/KG	360 U UG/KG
4-NITROPHENOL	3600 U UG/KG	910 U UG/KG	920 U UG/KG	900 U UG/KG	910 U UG/KG
ACENAPHTHENE	1400 U UG/KG	360 U UG/KG	370 U UG/KG	360 U UG/KG	360 U UG/KG
ACENAPHTHYLENE	1400 U UG/KG	360 U UG/KG	370 U UG/KG	360 U UG/KG	360 U UG/KG
ANTHRACENE	1400 U UG/KG	360 U UG/KG	370 U UG/KG	360 U UG/KG	360 U UG/KG
BENZO(A)ANTHRACENE	1400 UJ UG/KG	360 U UG/KG	370 U UG/KG	360 U UG/KG	360 UJ UG/KG
BENZO(A)PYRENE	90 U UG/KG	91 U UG/KG	92 U UG/KG	90 U UG/KG	127 UG/KG
BENZO(B)FLUORANTHENE	1400 U UG/KG	360 U UG/KG	370 U UG/KG	360 U UG/KG	360 U UG/KG
BENZO(G,H,I)PERYLENE	1400 U UG/KG	360 U UG/KG	370 U UG/KG	360 U UG/KG	360 U UG/KG
BENZO(K)FLUORANTHENE	1400 U UG/KG	360 U UG/KG	370 U UG/KG	360 U UG/KG	360 U UG/KG
BIS(2-CHLOROETHOXY)METHANE	1400 U UG/KG	360 U UG/KG	370 U UG/KG	360 U UG/KG	360 U UG/KG
BIS(2-CHLOROETHYL)ETHER	1400 U UG/KG	360 U UG/KG	370 U UG/KG	360 U UG/KG	360 U UG/KG
BIS(2-CHLOROISOPROPYL) ETHER	1400 U UG/KG	360 U UG/KG	370 U UG/KG	360 U UG/KG	360 U UG/KG

SAMPLE NUMBER	NTCSSH1800	NTCSSH1900	NTCSSH2000	NTCSSH2100	NTCSSH2200
SAMPLE DATE	6/28/97	6/28/97	6/28/97	6/29/97	6/29/97
PARAMETER	RESULTS	RESULTS	RESULTS	RESULTS	RESULTS
BIS(2-ETHYLHEXYL)PHTHALATE	1400 UJ UG/KG	360 U UG/KG	370 U UG/KG	360 U UG/KG	360 UJ UG/KG
BUTYLBENZYL PHTHALATE	1400 UJ UG/KG	360 U UG/KG	370 U UG/KG	360 U UG/KG	360 UJ UG/KG
CARBAZOLE	1400 U UG/KG	360 U UG/KG	370 U UG/KG	360 U UG/KG	360 U UG/KG
CHRYSENE	1400 UJ UG/KG	360 U UG/KG	370 U UG/KG	360 U UG/KG	360 UJ UG/KG
DI-N-BUTYL PHTHALATE	1400 U UG/KG	360 U UG/KG	370 U UG/KG	360 U UG/KG	360 U UG/KG
DI-N-OCTYL PHTHALATE	1400 U UG/KG	360 U UG/KG	370 U UG/KG	360 U UG/KG	360 U UG/KG
DIBENZO(A,H)ANTHRACENE	90 U UG/KG	91 U UG/KG	92 U UG/KG	90 U UG/KG	91 U UG/KG
DIBENZOFURAN	1400 U UG/KG	360 U UG/KG	370 U UG/KG	360 U UG/KG	360 U UG/KG
DIETHYL PHTHALATE	1400 U UG/KG	360 U UG/KG	370 U UG/KG	360 U UG/KG	360 U UG/KG
DIMETHYL PHTHALATE	1400 U UG/KG	360 U UG/KG	370 U UG/KG	360 U UG/KG	360 U UG/KG
FLUORANTHENE	1400 U UG/KG	360 U UG/KG	370 U UG/KG	360 U UG/KG	360 U UG/KG
FLUORENE	1400 U UG/KG	360 U UG/KG	370 U UG/KG	360 U UG/KG	360 U UG/KG
HEXACHLOROBENZENE	1400 U UG/KG	360 U UG/KG	370 U UG/KG	360 U UG/KG	360 U UG/KG
HEXACHLOROBUTADIENE	1400 U UG/KG	360 U UG/KG	370 U UG/KG	360 U UG/KG	360 U UG/KG
HEXACHLOROCYCLOPENTADIENE	1400 U UG/KG	360 U UG/KG	370 U UG/KG	360 U UG/KG	360 U UG/KG
HEXACHLOROETHANE	1400 U UG/KG	360 U UG/KG	370 U UG/KG	360 U UG/KG	360 U UG/KG
INDENO(1,2,3-CD)PYRENE	1400 U UG/KG	360 U UG/KG	370 U UG/KG	360 U UG/KG	360 U UG/KG
ISOPHORONE	1400 U UG/KG	360 U UG/KG	370 U UG/KG	360 U UG/KG	360 U UG/KG
N-NITROSO-DI-N-PROPYLAMINE	18 U UG/KG	18 U UG/KG	18 U UG/KG	18 U UG/KG	18 U UG/KG
N-NITROSODIPHENYLAMINE	1400 U UG/KG	360 U UG/KG	370 U UG/KG	360 U UG/KG	360 U UG/KG
NAPHTHALENE	1400 U UG/KG	360 U UG/KG	370 U UG/KG	360 U UG/KG	360 U UG/KG
NITROBENZENE	1400 U UG/KG	360 U UG/KG	370 U UG/KG	360 U UG/KG	360 U UG/KG
PHENANTHRENE	1400 U UG/KG	360 U UG/KG	370 U UG/KG	360 U UG/KG	360 U UG/KG
PHENOL	1400 U UG/KG	360 U UG/KG	370 U UG/KG	360 U UG/KG	360 U UG/KG
PYRENE	1400 UJ UG/KG	360 U UG/KG	370 U UG/KG	360 U UG/KG	360 UJ UG/KG
HERBICIDES					
2,4,5-T	1.5 U UG/KG	1.4 U UG/KG	1.4 U UG/KG	1.4 U UG/KG	1.6 U UG/KG
2,4,5-TP (SILVEX)	1.7 U UG/KG	1.6 U UG/KG	1.6 U UG/KG	1.7 U UG/KG	1.8 U UG/KG
2,4-D	8 U UG/KG	7.6 U UG/KG	7.6 U UG/KG	7.7 U UG/KG	8.4 U UG/KG
2,4-DB	4.6 U UG/KG	4.3 U UG/KG	4.3 U UG/KG	4.4 U UG/KG	4.8 U UG/KG
DALAPON	9.2 U UG/KG	8.7 U UG/KG	8.6 U UG/KG	8.8 U UG/KG	9.6 U UG/KG
DICAMBA	4.6 U UG/KG	4.3 U UG/KG	4.3 U UG/KG	4.4 U UG/KG	4.8 U UG/KG
DICHLOROPROP	23 U UG/KG	22 U UG/KG	22 U UG/KG	22 U UG/KG	24 U UG/KG
DINOSEB	4.6 U UG/KG	4.3 U UG/KG	4.3 U UG/KG	4.4 U UG/KG	4.8 U UG/KG
MCPA	2300 U UG/KG	2200 U UG/KG	2200 U UG/KG	2200 U UG/KG	2400 U UG/KG
MCPP	1200 U UG/KG	1100 U UG/KG	1100 U UG/KG	1100 U UG/KG	1200 U UG/KG
PENTACHLOROPHENOL	2.3 U UG/KG	2.2 U UG/KG	2.2 U UG/KG	2.2 U UG/KG	2.4 U UG/KG

SURFACE SOIL SAMPLES

SAMPLE NUMBER	NTCSSH1800	NTCSSH1900	NTCSSH2000	NTCSSH2100	NTCSSH2200
SAMPLE DATE	6/28/97	6/28/97	6/28/97	6/29/97	6/29/97
PARAMETER	RESULTS	RESULTS	RESULTS	RESULTS	RESULTS
PESTICIDES/PCBS					
4,4'-DDD	2.1 U UG/KG	2.0 U UG/KG	1.9 U UG/KG	2.0 U UG/KG	13 UG/KG
4,4'-DDE	1.0 U UG/KG	0.94 U UG/KG	0.93 U UG/KG	0.95 U UG/KG	8.6 UG/KG
4,4'-DDT	4.6 U UG/KG	4.4 U UG/KG	4.3 U UG/KG	4.4 U UG/KG	188 UG/KG
ALDRIN	3.6 U UG/KG	3.4 U UG/KG	3.4 U UG/KG	3.5 U UG/KG	3.8 U UG/KG
ALPHA-BHC	0.80 U UG/KG	0.76 U UG/KG	0.75 U UG/KG	0.77 U UG/KG	0.84 U UG/KG
ALPHA-CHLORDANE	0.84 U UG/KG	0.80 U UG/KG	0.79 U UG/KG	0.80 U UG/KG	14 UG/KG
AROCLOR-1016					
AROCLOR-1221					
AROCLOR-1232					
AROCLOR-1242					
AROCLOR-1248					
AROCLOR-1254					
AROCLOR-1260					
BETA-BHC	1.1 U UG/KG	1.1 U UG/KG	1.1 U UG/KG	1.1 U UG/KG	1.2 U UG/KG
DELTA-BHC	1.4 U UG/KG	1.3 U UG/KG	1.3 U UG/KG	1.4 U UG/KG	1.5 U UG/KG
DIELDRIN	1.0 U UG/KG	0.94 U UG/KG	0.93 U UG/KG	0.95 U UG/KG	1.0 U UG/KG
ENDOSULFAN I	1.0 U UG/KG	0.98 U UG/KG	0.97 U UG/KG	0.98 U UG/KG	1.1 U UG/KG
ENDOSULFAN II	1.3 U UG/KG	1.2 U UG/KG	1.2 U UG/KG	1.2 U UG/KG	1.4 U UG/KG
ENDOSULFAN SULFATE	4.2 U UG/KG	4.0 U UG/KG	3.9 U UG/KG	4.0 U UG/KG	4.4 U UG/KG
ENDRIN	1.6 U UG/KG	1.6 U UG/KG	1.5 U UG/KG	1.6 U UG/KG	1.7 U UG/KG
ENDRIN ALDEHYDE	1.5 U UG/KG	1.4 U UG/KG	1.4 U UG/KG	1.5 U UG/KG	1.6 U UG/KG
ENDRIN KETONE	7.7 U UG/KG	7.3 U UG/KG	7.2 U UG/KG	7.3 U UG/KG	8.0 U UG/KG
GAMMA-BHC (LINDANE)	0.84 U UG/KG	0.80 U UG/KG	0.79 U UG/KG	0.80 U UG/KG	0.88 U UG/KG
GAMMA-CHLORDANE	0.96 U UG/KG	0.91 U UG/KG	0.90 U UG/KG	0.91 U UG/KG	12 UG/KG
HEPTACHLOR	1.8 UG/KG	0.94 U UG/KG	0.93 U UG/KG	0.95 U UG/KG	1.0 U UG/KG
HEPTACHLOR EPOXIDE	1.0 U UG/KG	0.98 U UG/KG	0.97 U UG/KG	0.98 U UG/KG	1.1 U UG/KG
METHOXYCHLOR	6.9 U UG/KG	6.5 U UG/KG	6.5 U UG/KG	6.6 U UG/KG	7.2 U UG/KG
TOXAPHENE	77 U UG/KG	73 U UG/KG	72 U UG/KG	73 U UG/KG	80 U UG/KG
PETROLEUM HYDROCARBONS					
DIESEL RANGE ORGANICS	9.59 MG/KG	9.1 U MG/KG	9.2 U MG/KG	9.0 U MG/KG	9.0 U MG/KG
GASOLINE RANGE ORGANICS	0.11 U MG/KG	0.11 U MG/KG	0.11 U MG/KG	0.11 U MG/KG	0.11 U MG/KG
MISC					
CATION EX. CAPACITY					1860 MG/KG
TOTAL ORGANIC CARBON					15600 MG/KG
METALS					
ALUMINUM	2000 MG/KG	915 MG/KG	3490 MG/KG	585 MG/KG	2480 MG/KG

SURFACE SOIL SAMPLES

SAMPLE NUMBER	NTCSSH1800	NTCSSH1900	NTCSSH2000	NTCSSH2100	NTCSSH2200
SAMPLE DATE	6/28/97	6/28/97	6/28/97	6/29/97	6/29/97
PARAMETER	RESULTS	RESULTS	RESULTS	RESULTS	RESULTS
ANTIMONY	0.31 U MG/KG	0.30 U MG/KG	0.29 U MG/KG	0.30 U MG/KG	0.33 U MG/KG
ARSENIC	0.52 U MG/KG	0.49 U MG/KG	0.49 U MG/KG	0.49 U MG/KG	0.54 U MG/KG
BARIUM	6.2 U MG/KG	3.3 U MG/KG	26.2 MG/KG	2.0 U MG/KG	5.6 U MG/KG
BERYLLIUM	0.03 U MG/KG	0.01 U MG/KG	0.20 U MG/KG	0.04 U MG/KG	0.07 U MG/KG
CADMIUM	0.06 U MG/KG	0.06 U MG/KG	0.19 U MG/KG	0.06 U MG/KG	0.10 MG/KG
CALCIUM	225 MG/KG	1120 MG/KG	7470 MG/KG	121 MG/KG	351 MG/KG
CHROMIUM	3.0 MG/KG	1.7 MG/KG	4.0 MG/KG	0.70 MG/KG	3.1 MG/KG
COBALT	0.20 U MG/KG	0.19 U MG/KG	0.26 MG/KG	0.19 U MG/KG	0.21 U MG/KG
COPPER	21.4 MG/KG	1.0 MG/KG	11.3 MG/KG	0.42 MG/KG	0.83 MG/KG
CYANIDE	1.1 UR MG/KG	1.1 UR MG/KG	1.1 UR MG/KG	1.1 UR MG/KG	1.1 UR MG/KG
IRON	289 MG/KG	163 MG/KG	560 MG/KG	209 MG/KG	835 MG/KG
LEAD	6.6 MG/KG	7.9 MG/KG	8.8 MG/KG	2.8 MG/KG	10.6 MG/KG
MAGNESIUM	24.3 MG/KG	21.8 MG/KG	318 MG/KG	14.5 U MG/KG	28.9 U MG/KG
MANGANESE	3.5 MG/KG	1.8 MG/KG	11.3 MG/KG	0.61 MG/KG	3.6 MG/KG
MERCURY	0.09 U MG/KG	0.09 U MG/KG	0.09 U MG/KG	0.09 U MG/KG	0.10 U MG/KG
NICKEL	0.57 MG/KG	0.34 MG/KG	3.7 MG/KG	0.24 MG/KG	0.64 MG/KG
POTASSIUM	12.0 MG/KG	10.8 MG/KG	53.8 MG/KG	10.8 U MG/KG	11.9 U MG/KG
SELENIUM	0.43 U MG/KG	0.40 U MG/KG	0.40 U MG/KG	0.41 U MG/KG	0.45 U MG/KG
SILVER	0.23 U MG/KG	0.22 U MG/KG	0.22 U MG/KG	0.22 U MG/KG	0.24 U MG/KG
SODIUM	95.3 U MG/KG	90.2 U MG/KG	89.6 U MG/KG	90.6 U MG/KG	99.9 U MG/KG
THALLIUM	0.46 U MG/KG	0.44 U MG/KG	0.43 U MG/KG	0.44 U MG/KG	0.48 U MG/KG
VANADIUM	1.2 MG/KG	0.59 MG/KG	1.9 MG/KG	0.62 U MG/KG	1.3 U MG/KG
ZINC	7.2 MG/KG	2.9 U MG/KG	21.5 MG/KG	2.7 U MG/KG	10.4 MG/KG
RADIOLOGICAL					
GROSS ALPHA	0.835 +/- 0.130 J PCI/G	0.492 +/- 0.090 J PCI/G	1.41 +/- 0.210 J PCI/G	0.271 +/- 0.068 J PCI/G	0.680 +/- 0.125 J PCI/G
GROSS BETA	0.377 +/- 0.087 PCI/G	0.279 +/- 0.073 PCI/G	0.517 +/- 0.096 PCI/G	-0.081+/- 0.013 U PCI/G	0.187 +/- 0.071 PCI/G

SAMPLE NUMBER	NTCSSH2300	NTCSSH2400	NTCSSH2500	NTCSSH2500-D	NTCSSH2600	NTCSSH2700
SAMPLE DATE	6/29/97	6/29/97	6/29/97	6/29/97	6/29/97	6/29/97
PARAMETER	RESULTS	RESULTS	RESULTS	RESULTS	RESULTS	RESULTS
VOLATILES						
1,1,1-TRICHLOROETHANE	5.5 U UG/KG	5.5 UJ UG/KG	5.5 U UG/KG	5.4 U UG/KG	5.4 U UG/KG	5.4 U UG/KG
1,1,2,2-TETRACHLOROETHANE	5.5 U UG/KG	5.5 UJ UG/KG	5.5 U UG/KG	5.4 U UG/KG	5.4 U UG/KG	5.4 U UG/KG
1,1,2-TRICHLOROETHANE	5.5 U UG/KG	5.5 UJ UG/KG	5.5 U UG/KG	5.4 U UG/KG	5.4 U UG/KG	5.4 U UG/KG
1,1-DICHLOROETHANE	5.5 U UG/KG	5.5 UJ UG/KG	5.5 U UG/KG	5.4 U UG/KG	5.4 U UG/KG	5.4 U UG/KG
1,1-DICHLOROETHENE	5.5 U UG/KG	5.5 UJ UG/KG	5.5 U UG/KG	5.4 U UG/KG	5.4 U UG/KG	5.4 U UG/KG
1,2-DICHLOROETHANE	5.5 U UG/KG	5.5 UJ UG/KG	5.5 U UG/KG	5.4 U UG/KG	5.4 U UG/KG	5.4 U UG/KG
1,2-DICHLOROPROPANE	5.5 U UG/KG	5.5 UJ UG/KG	5.5 U UG/KG	5.4 U UG/KG	5.4 U UG/KG	5.4 U UG/KG
2-BUTANONE	11 U UG/KG	11 UJ UG/KG	11 U UG/KG	11 U UG/KG	11 U UG/KG	11 U UG/KG
2-HEXANONE	11 U UG/KG	11 UJ UG/KG	11 U UG/KG	11 U UG/KG	11 U UG/KG	11 U UG/KG
4-METHYL-2-PENTANONE	11 U UG/KG	11 UJ UG/KG	11 U UG/KG	11 U UG/KG	11 U UG/KG	11 U UG/KG
ACETONE	11 U UG/KG	24 J UG/KG	11 U UG/KG	11 UR UG/KG	11 U UG/KG	11 U UG/KG
BENZENE	5.5 U UG/KG	5.5 UJ UG/KG	5.5 U UG/KG	5.4 U UG/KG	5.4 U UG/KG	5.4 U UG/KG
BROMODICHLOROMETHANE	5.5 U UG/KG	5.5 UJ UG/KG	5.5 U UG/KG	5.4 U UG/KG	5.4 U UG/KG	5.4 U UG/KG
BROMOFORM	5.5 U UG/KG	5.5 UJ UG/KG	5.5 U UG/KG	5.4 U UG/KG	5.4 U UG/KG	5.4 U UG/KG
BROMOMETHANE	11 U UG/KG	11 UJ UG/KG	11 U UG/KG	11 U UG/KG	11 U UG/KG	11 U UG/KG
CARBON DISULFIDE	5.5 U UG/KG	3.6 J UG/KG	5.5 U UG/KG	5.4 U UG/KG	5.4 U UG/KG	5.4 U UG/KG
CARBON TETRACHLORIDE	5.5 U UG/KG	5.5 UJ UG/KG	5.5 U UG/KG	5.4 U UG/KG	5.4 U UG/KG	5.4 U UG/KG
CHLOROBENZENE	5.5 U UG/KG	5.5 UJ UG/KG	5.5 U UG/KG	5.4 U UG/KG	5.4 U UG/KG	5.4 U UG/KG
CHLOROETHANE	5.5 U UG/KG	5.5 UJ UG/KG	5.5 U UG/KG	5.4 U UG/KG	5.4 U UG/KG	5.4 U UG/KG
CHLOROFORM	5.5 U UG/KG	5.5 UJ UG/KG	5.5 U UG/KG	5.4 U UG/KG	5.4 U UG/KG	5.4 U UG/KG
CHLOROMETHANE	11 U UG/KG	11 UJ UG/KG	11 U UG/KG	11 U UG/KG	11 U UG/KG	11 U UG/KG
CIS-1,2-DICHLOROETHENE	5.5 U UG/KG	5.5 UJ UG/KG	5.5 U UG/KG	5.4 U UG/KG	5.4 U UG/KG	5.4 U UG/KG
CIS-1,3-DICHLOROPROPENE	5.5 U UG/KG	5.5 UJ UG/KG	5.5 U UG/KG	5.4 U UG/KG	5.4 U UG/KG	5.4 U UG/KG
DIBROMOCHLOROMETHANE	5.5 U UG/KG	5.5 UJ UG/KG	5.5 U UG/KG	5.4 U UG/KG	5.4 U UG/KG	5.4 U UG/KG
ETHYLBENZENE	5.5 U UG/KG	5.5 UJ UG/KG	5.5 U UG/KG	5.4 U UG/KG	5.4 U UG/KG	5.4 U UG/KG
METHYLENE CHLORIDE	5.5 U UG/KG	5.5 UJ UG/KG	5.5 U UG/KG	5.4 U UG/KG	5.4 U UG/KG	5.4 U UG/KG
STYRENE	5.5 U UG/KG	5.5 UJ UG/KG	5.5 U UG/KG	5.4 U UG/KG	5.4 U UG/KG	5.4 U UG/KG
TETRACHLOROETHENE	5.5 U UG/KG	5.5 UJ UG/KG	5.5 U UG/KG	5.4 U UG/KG	5.4 U UG/KG	5.4 U UG/KG
TOLUENE	5.5 U UG/KG	5.5 UJ UG/KG	5.5 U UG/KG	5.4 U UG/KG	5.4 U UG/KG	4.1 U UG/KG
TRANS-1,2-DICHLOROETHENE	5.5 U UG/KG	5.5 UJ UG/KG	5.5 U UG/KG	5.4 U UG/KG	5.4 U UG/KG	5.4 U UG/KG
TRANS-1,3-DICHLOROPROPENE	5.5 U UG/KG	5.5 UJ UG/KG	5.5 U UG/KG	5.4 U UG/KG	5.4 U UG/KG	5.4 U UG/KG
TRICHLOROETHENE	5.5 U UG/KG	5.5 UJ UG/KG	5.5 U UG/KG	5.4 U UG/KG	5.4 U UG/KG	5.4 U UG/KG
VINYL CHLORIDE	5.5 U UG/KG	5.5 UJ UG/KG	5.5 U UG/KG	5.4 U UG/KG	5.4 U UG/KG	5.4 U UG/KG
XYLENES, TOTAL	5.5 U UG/KG	5.5 UJ UG/KG	5.5 U UG/KG	5.4 U UG/KG	5.4 U UG/KG	5.4 U UG/KG
SEMIVOLATILES						
1,2,4-TRICHLOROBENZENE	1800 U UG/KG	370 U UG/KG	360 U UG/KG	360 U UG/KG	360 U UG/KG	360 U UG/KG

SAMPLE NUMBER	NTCSSH2300	NTCSSH2400	NTCSSH2500	NTCSSH2500-D	NTCSSH2600	NTCSSH2700
SAMPLE DATE	6/29/97	6/29/97	6/29/97	6/29/97	6/29/97	6/29/97
PARAMETER	RESULTS	RESULTS	RESULTS	RESULTS	RESULTS	RESULTS
1,2-DICHLOROBENZENE	1800 U UG/KG	370 U UG/KG	360 U UG/KG	360 U UG/KG	360 U UG/KG	360 U UG/KG
1,3-DICHLOROBENZENE	1800 U UG/KG	370 U UG/KG	360 U UG/KG	360 U UG/KG	360 U UG/KG	360 U UG/KG
1,4-DICHLOROBENZENE	1800 U UG/KG	370 U UG/KG	360 U UG/KG	360 U UG/KG	360 U UG/KG	360 U UG/KG
2,4,5-TRICHLOROPHENOL	1800 U UG/KG	370 U UG/KG	360 U UG/KG	360 U UG/KG	360 U UG/KG	360 U UG/KG
2,4,6-TRICHLOROPHENOL	1800 U UG/KG	370 U UG/KG	360 U UG/KG	360 U UG/KG	360 U UG/KG	360 U UG/KG
2,4-DICHLOROPHENOL	1800 U UG/KG	370 U UG/KG	360 U UG/KG	360 U UG/KG	360 U UG/KG	360 U UG/KG
2,4-DIMETHYLPHENOL	4600 U UG/KG	920 U UG/KG	900 U UG/KG	900 U UG/KG	900 U UG/KG	900 U UG/KG
2,4-DINITROPHENOL	4600 U UG/KG	920 U UG/KG	900 U UG/KG	900 U UG/KG	900 U UG/KG	900 U UG/KG
2,4-DINITROTOLUENE	1800 U UG/KG	370 U UG/KG	360 U UG/KG	360 U UG/KG	360 U UG/KG	360 U UG/KG
2,6-DINITROTOLUENE	1800 U UG/KG	370 U UG/KG	360 U UG/KG	360 U UG/KG	360 U UG/KG	360 U UG/KG
2-CHLORONAPHTHALENE	1800 U UG/KG	370 U UG/KG	360 U UG/KG	360 U UG/KG	360 U UG/KG	360 U UG/KG
2-CHLOROPHENOL	1800 U UG/KG	370 U UG/KG	360 U UG/KG	360 U UG/KG	360 U UG/KG	360 U UG/KG
2-METHYLNAPHTHALENE	1800 U UG/KG	370 U UG/KG	360 U UG/KG	360 U UG/KG	360 U UG/KG	360 U UG/KG
2-METHYLPHENOL	1800 U UG/KG	370 U UG/KG	360 U UG/KG	360 U UG/KG	360 U UG/KG	360 U UG/KG
2-NITROANILINE	1800 U UG/KG	370 U UG/KG	360 U UG/KG	360 U UG/KG	360 U UG/KG	360 U UG/KG
2-NITROPHENOL	1800 U UG/KG	370 U UG/KG	360 U UG/KG	360 U UG/KG	360 U UG/KG	360 U UG/KG
3&4-METHYLPHENOL	1800 U UG/KG	370 U UG/KG	360 U UG/KG	360 U UG/KG	360 U UG/KG	360 U UG/KG
3,3'-DICHLOROBENZIDINE	4600 U UG/KG	920 U UG/KG	900 U UG/KG	900 UJ UG/KG	900 U UG/KG	900 U UG/KG
3-NITROANILINE	1800 U UG/KG	370 U UG/KG	360 U UG/KG	360 U UG/KG	360 U UG/KG	360 U UG/KG
4,6-DINITRO-2-METHYLPHENOL	1800 U UG/KG	370 U UG/KG	360 U UG/KG	360 U UG/KG	360 U UG/KG	360 U UG/KG
4-BROMOPHENYL PHENYL ETHER	1800 U UG/KG	370 U UG/KG	360 U UG/KG	360 U UG/KG	360 U UG/KG	360 U UG/KG
4-CHLORO-3-METHYLPHENOL	4600 U UG/KG	920 U UG/KG	900 U UG/KG	900 U UG/KG	900 U UG/KG	900 U UG/KG
4-CHLOROANILINE	1800 U UG/KG	370 U UG/KG	360 U UG/KG	360 U UG/KG	360 U UG/KG	360 U UG/KG
4-CHLOROPHENYL PHENYL ETHER	1800 U UG/KG	370 U UG/KG	360 U UG/KG	360 U UG/KG	360 U UG/KG	360 U UG/KG
4-NITROANILINE	1800 U UG/KG	370 U UG/KG	360 U UG/KG	360 U UG/KG	360 U UG/KG	360 U UG/KG
4-NITROPHENOL	4600 U UG/KG	920 U UG/KG	900 U UG/KG	900 U UG/KG	900 U UG/KG	900 U UG/KG
ACENAPHTHENE	1800 U UG/KG	370 U UG/KG	360 U UG/KG	360 U UG/KG	360 U UG/KG	360 U UG/KG
ACENAPHTHYLENE	1800 U UG/KG	370 U UG/KG	360 U UG/KG	360 U UG/KG	360 U UG/KG	360 U UG/KG
ANTHRACENE	1800 U UG/KG	370 U UG/KG	360 U UG/KG	360 U UG/KG	360 U UG/KG	360 U UG/KG
BENZO(A)ANTHRACENE	1800 U UG/KG	370 U UG/KG	360 U UG/KG	360 UJ UG/KG	360 U UG/KG	360 U UG/KG
BENZO(A)PYRENE	311 UG/KG	92 U UG/KG	90 U UG/KG	90 UJ UG/KG	90 U UG/KG	90 U UG/KG
BENZO(B)FLUORANTHENE	1800 U UG/KG	370 U UG/KG	360 U UG/KG	360 UJ UG/KG	360 U UG/KG	360 U UG/KG
BENZO(G,H,I)PERYLENE	1800 U UG/KG	370 U UG/KG	360 U UG/KG	360 UJ UG/KG	360 U UG/KG	360 U UG/KG
BENZO(K)FLUORANTHENE	1800 U UG/KG	370 U UG/KG	360 U UG/KG	360 UJ UG/KG	360 U UG/KG	360 U UG/KG
BIS(2-CHLOROETHOXY)METHANE	1800 U UG/KG	370 U UG/KG	360 U UG/KG	360 U UG/KG	360 U UG/KG	360 U UG/KG
BIS(2-CHLOROETHYL)ETHER	1800 U UG/KG	370 U UG/KG	360 U UG/KG	360 U UG/KG	360 U UG/KG	360 U UG/KG
BIS(2-CHLOROISOPROPYL) ETHER	1800 U UG/KG	370 U UG/KG	360 U UG/KG	360 U UG/KG	360 U UG/KG	360 U UG/KG

SURFACE SOIL SAMPLES

SAMPLE NUMBER	NTCSSH2300	NTCSSH2400	NTCSSH2500	NTCSSH2500-D	NTCSSH2600	NTCSSH2700
SAMPLE DATE	6/29/97	6/29/97	6/29/97	6/29/97	6/29/97	6/29/97
PARAMETER	RESULTS	RESULTS	RESULTS	RESULTS	RESULTS	RESULTS
BIS(2-ETHYLHEXYL)PHTHALATE	1800 U UG/KG	370 U UG/KG	360 U UG/KG	360 UJ UG/KG	360 U UG/KG	360 U UG/KG
BUTYLBENZYL PHTHALATE	1800 U UG/KG	370 U UG/KG	360 U UG/KG	360 UJ UG/KG	360 U UG/KG	360 U UG/KG
CARBAZOLE	1800 U UG/KG	370 U UG/KG	360 U UG/KG	360 U UG/KG	360 U UG/KG	360 U UG/KG
CHRYSENE	1800 U UG/KG	370 U UG/KG	360 U UG/KG	360 UJ UG/KG	360 U UG/KG	360 U UG/KG
DI-N-BUTYL PHTHALATE	1800 U UG/KG	370 U UG/KG	360 U UG/KG	360 U UG/KG	360 U UG/KG	360 U UG/KG
DI-N-OCTYL PHTHALATE	1800 U UG/KG	370 U UG/KG	360 U UG/KG	360 UJ UG/KG	360 U UG/KG	360 U UG/KG
DIBENZO(A,H)ANTHRACENE	194 UG/KG	92 U UG/KG	90 U UG/KG	90 UJ UG/KG	90 U UG/KG	90 U UG/KG
DIBENZOFURAN	1800 U UG/KG	370 U UG/KG	360 U UG/KG	360 U UG/KG	360 U UG/KG	360 U UG/KG
DIETHYL PHTHALATE	1800 U UG/KG	370 U UG/KG	360 U UG/KG	360 U UG/KG	360 U UG/KG	360 U UG/KG
DIMETHYL PHTHALATE	1800 U UG/KG	370 U UG/KG	360 U UG/KG	360 U UG/KG	360 U UG/KG	360 U UG/KG
FLUORANTHENE	527 UG/KG	370 U UG/KG	360 U UG/KG	360 U UG/KG	360 U UG/KG	360 U UG/KG
FLUORENE	1800 U UG/KG	370 U UG/KG	360 U UG/KG	360 U UG/KG	360 U UG/KG	360 U UG/KG
HEXACHLOROBENZENE	1800 U UG/KG	370 U UG/KG	360 U UG/KG	360 U UG/KG	360 U UG/KG	360 U UG/KG
HEXACHLOROBUTADIENE	1800 U UG/KG	370 U UG/KG	360 U UG/KG	360 U UG/KG	360 U UG/KG	360 U UG/KG
HEXACHLOROCYCLOPENTADIENE	1800 U UG/KG	370 U UG/KG	360 U UG/KG	360 U UG/KG	360 U UG/KG	360 U UG/KG
HEXACHLOROETHANE	1800 U UG/KG	370 U UG/KG	360 U UG/KG	360 U UG/KG	360 U UG/KG	360 U UG/KG
INDENO(1,2,3-CD)PYRENE	1800 U UG/KG	370 U UG/KG	360 U UG/KG	360 UJ UG/KG	360 U UG/KG	360 U UG/KG
ISOPHORONE	1800 U UG/KG	370 U UG/KG	360 U UG/KG	360 U UG/KG	360 U UG/KG	360 U UG/KG
N-NITROSO-DI-N-PROPYLAMINE	92 U UG/KG	18 U UG/KG	18 U UG/KG	18 U UG/KG	18 U UG/KG	18 U UG/KG
N-NITROSODIPHENYLAMINE	1800 U UG/KG	370 U UG/KG	360 U UG/KG	360 U UG/KG	360 U UG/KG	360 U UG/KG
NAPHTHALENE	1800 U UG/KG	370 U UG/KG	360 U UG/KG	360 U UG/KG	360 U UG/KG	360 U UG/KG
NITROBENZENE	1800 U UG/KG	370 U UG/KG	360 U UG/KG	360 U UG/KG	360 U UG/KG	360 U UG/KG
PHENANTHRENE	1800 U UG/KG	370 U UG/KG	360 U UG/KG	360 U UG/KG	360 U UG/KG	360 U UG/KG
PHENOL	1800 U UG/KG	370 U UG/KG	360 U UG/KG	360 U UG/KG	360 U UG/KG	360 U UG/KG
PYRENE	430 UG/KG	370 U UG/KG	360 U UG/KG	360 UJ UG/KG	360 U UG/KG	360 U UG/KG
HERBICIDES						
2,4,5-T	1.4 U UG/KG	1.4 U UG/KG	1.4 U UG/KG	1.4 U UG/KG	1.4 U UG/KG	1.4 U UG/KG
2,4,5-TP (SILVEX)	1.7 U UG/KG	1.7 U UG/KG	1.7 U UG/KG	1.6 U UG/KG	1.6 U UG/KG	1.7 U UG/KG
2,4-D	7.7 U UG/KG	7.7 U UG/KG	7.7 U UG/KG	7.5 U UG/KG	7.6 U UG/KG	7.7 U UG/KG
2,4-DB	4.4 U UG/KG	4.4 U UG/KG	4.4 U UG/KG	4.3 U UG/KG	4.4 U UG/KG	4.4 U UG/KG
DALAPON	8.8 U UG/KG	8.8 U UG/KG	8.8 U UG/KG	8.6 U UG/KG	8.7 U UG/KG	8.8 U UG/KG
DICAMBA	4.4 U UG/KG	4.4 U UG/KG	4.4 U UG/KG	4.3 U UG/KG	4.4 U UG/KG	4.4 U UG/KG
DICHLOROPROP	22 U UG/KG	22 U UG/KG	22 U UG/KG	22 U UG/KG	22 U UG/KG	22 U UG/KG
DINOSEB	4.4 U UG/KG	4.4 U UG/KG	4.4 U UG/KG	4.3 U UG/KG	4.4 U UG/KG	4.4 U UG/KG
MCPA	2200 U UG/KG	2200 U UG/KG	2200 U UG/KG	2200 U UG/KG	2200 U UG/KG	2200 U UG/KG
MCPP	1100 U UG/KG	1100 U UG/KG	1100 U UG/KG	1100 U UG/KG	1100 U UG/KG	1100 U UG/KG
PENTACHLOROPHENOL	2.2 U UG/KG	2.2 U UG/KG	2.2 U UG/KG	2.2 U UG/KG	2.2 U UG/KG	2.2 U UG/KG

SURFACE SOIL SAMPLES

SAMPLE NUMBER	NTCSSH2300	NTCSSH2400	NTCSSH2500	NTCSSH2500-D	NTCSSH2600	NTCSSH2700
SAMPLE DATE	6/29/97	6/29/97	6/29/97	6/29/97	6/29/97	6/29/97
PARAMETER	RESULTS	RESULTS	RESULTS	RESULTS	RESULTS	RESULTS
PESTICIDES/PCBS						
4,4'-DDD	2.0 U UG/KG	2.0 U UG/KG	2.0 U UG/KG	1.9 U UG/KG	1.9 U UG/KG	2.0 U UG/KG
4,4'-DDE	0.96 U UG/KG	0.95 U UG/KG	0.95 U UG/KG	0.93 U UG/KG	0.94 U UG/KG	0.94 U UG/KG
4,4'-DDT	4.4 U UG/KG	4.4 U UG/KG	4.4 U UG/KG	4.3 U UG/KG	4.3 U UG/KG	4.3 U UG/KG
ALDRIN	3.5 U UG/KG	3.5 U UG/KG	3.5 U UG/KG	3.4 U UG/KG	3.4 U UG/KG	3.4 U UG/KG
ALPHA-BHC	0.77 U UG/KG	0.77 U UG/KG	0.77 U UG/KG	0.75 U UG/KG	0.76 U UG/KG	0.76 U UG/KG
ALPHA-CHLORDANE	0.81 U UG/KG	0.80 U UG/KG	0.81 U UG/KG	0.79 U UG/KG	0.79 U UG/KG	0.80 U UG/KG
AROCLOR-1016			19 U UG/KG			
AROCLOR-1221			7.0 U UG/KG			
AROCLOR-1232			15 U UG/KG			
AROCLOR-1242			11 U UG/KG			
AROCLOR-1248			8.1 U UG/KG			
AROCLOR-1254			12 U UG/KG			
AROCLOR-1260			17 U UG/KG			
BETA-BHC	1.1 U UG/KG	1.1 U UG/KG	1.1 U UG/KG	1.1 U UG/KG	1.1 U UG/KG	1.1 U UG/KG
DELTA-BHC	1.4 U UG/KG	1.4 U UG/KG	1.4 U UG/KG	1.3 U UG/KG	1.3 U UG/KG	1.3 U UG/KG
DIELDRIN	0.96 U UG/KG	0.95 U UG/KG	0.95 U UG/KG	0.93 U UG/KG	0.94 U UG/KG	0.94 U UG/KG
ENDOSULFAN I	0.99 U UG/KG	0.99 U UG/KG	0.99 U UG/KG	0.97 U UG/KG	0.97 U UG/KG	0.98 U UG/KG
ENDOSULFAN II	1.2 U UG/KG	1.2 U UG/KG	1.2 U UG/KG	1.2 U UG/KG	1.2 U UG/KG	1.2 U UG/KG
ENDOSULFAN SULFATE	4.0 U UG/KG	4.0 U UG/KG	4.0 U UG/KG	3.9 U UG/KG	4.0 U UG/KG	4.0 U UG/KG
ENDRIN	1.6 U UG/KG	1.6 U UG/KG	1.6 U UG/KG	1.5 U UG/KG	1.6 U UG/KG	1.6 U UG/KG
ENDRIN ALDEHYDE	1.5 U UG/KG	1.5 U UG/KG	1.5 U UG/KG	1.4 U UG/KG	1.4 U UG/KG	1.4 U UG/KG
ENDRIN KETONE	7.4 U UG/KG	7.3 U UG/KG	7.3 U UG/KG	7.2 U UG/KG	7.2 U UG/KG	7.2 U UG/KG
GAMMA-BHC (LINDANE)	0.81 U UG/KG	0.80 U UG/KG	0.81 U UG/KG	0.79 U UG/KG	0.79 U UG/KG	0.80 U UG/KG
GAMMA-CHLORDANE	0.92 U UG/KG	0.92 U UG/KG	0.92 U UG/KG	0.90 U UG/KG	0.90 U UG/KG	0.90 U UG/KG
HEPTACHLOR	0.96 U UG/KG	0.95 U UG/KG	0.95 U UG/KG	0.93 U UG/KG	0.94 U UG/KG	0.94 U UG/KG
HEPTACHLOR EPOXIDE	0.99 U UG/KG	0.99 U UG/KG	0.99 U UG/KG	0.97 U UG/KG	0.97 U UG/KG	0.98 U UG/KG
METHOXYCHLOR	6.6 U UG/KG	6.6 U UG/KG	6.6 U UG/KG	6.4 U UG/KG	6.5 U UG/KG	6.5 U UG/KG
TOXAPHENE	74 U UG/KG	73 U UG/KG	73 U UG/KG	72 U UG/KG	72 U UG/KG	72 U UG/KG
PETROLEUM HYDROCARBONS						
DIESEL RANGE ORGANICS	13.0 MG/KG	12.2 MG/KG	8.2 U MG/KG	7.26 J MG/KG	9.0 U MG/KG	9.0 U MG/KG
GASOLINE RANGE ORGANICS	0.11 U MG/KG	0.11 U MG/KG	0.11 U MG/KG	0.11 U MG/KG	0.11 U MG/KG	0.11 U MG/KG
MISC						
CATION EX. CAPACITY						
TOTAL ORGANIC CARBON						
METALS						
ALUMINUM	2640 MG/KG	1470 MG/KG	1380 MG/KG	899 MG/KG	300 MG/KG	1700 MG/KG

SURFACE SOIL SAMPLES

SAMPLE NUMBER	NTCSSH2300	NTCSSH2400	NTCSSH2500	NTCSSH2500-D	NTCSSH2600	NTCSSH2700
SAMPLE DATE	6/29/97	6/29/97	6/29/97	6/29/97	6/29/97	6/29/97
PARAMETER	RESULTS	RESULTS	RESULTS	RESULTS	RESULTS	RESULTS
ANTIMONY	0.30 U MG/KG	0.30 U MG/KG	0.30 U MG/KG	0.29 U MG/KG	0.30 U MG/KG	0.30 U MG/KG
ARSENIC	1.7 MG/KG	0.50 U MG/KG	0.50 U MG/KG	0.48 U MG/KG	0.49 U MG/KG	0.49 U MG/KG
BARIUM	12.0 MG/KG	5.8 U MG/KG	1.8 U MG/KG	1.2 U MG/KG	1.2 U MG/KG	3.5 U MG/KG
BERYLLIUM	0.08 U MG/KG	0.05 U MG/KG	0.04 U MG/KG	0.01 U MG/KG	0.03 U MG/KG	0.05 U MG/KG
CADMIUM	0.16 MG/KG	0.06 U MG/KG	0.06 U MG/KG	0.05 U MG/KG	0.06 U MG/KG	0.06 U MG/KG
CALCIUM	1160 MG/KG	260 MG/KG	166 MG/KG	103 MG/KG	58.4 MG/KG	255 MG/KG
CHROMIUM	6.2 MG/KG	2.0 MG/KG	1.2 MG/KG	0.75 MG/KG	0.54 MG/KG	2.6 MG/KG
COBALT	0.19 U MG/KG	0.19 U MG/KG	0.19 U MG/KG	0.18 U MG/KG	0.19 U MG/KG	0.19 U MG/KG
COPPER	3.4 MG/KG	0.30 U MG/KG	0.30 U MG/KG	0.29 U MG/KG	0.30 U MG/KG	0.30 MG/KG
CYANIDE	1.1 UR MG/KG	1.1 UR MG/KG	1.1 UR MG/KG	1.1 UR MG/KG	1.1 UR MG/KG	1.1 UR MG/KG
IRON	709 MG/KG	160 MG/KG	116 MG/KG	92.2 MG/KG	102 MG/KG	129 MG/KG
LEAD	17.1 MG/KG	4.2 MG/KG	2.8 MG/KG	1.7 U MG/KG	1.8 U MG/KG	4.3 MG/KG
MAGNESIUM	79.8 MG/KG	28.8 MG/KG	21.3 U MG/KG	13.2 U MG/KG	9.5 U MG/KG	19.0 U MG/KG
MANGANESE	7.4 MG/KG	1.4 MG/KG	0.77 MG/KG	0.47 U MG/KG	0.31 U MG/KG	0.62 MG/KG
MERCURY	0.15 MG/KG	0.09 U MG/KG	0.09 U MG/KG	0.09 U MG/KG	0.09 U MG/KG	0.09 U MG/KG
NICKEL	0.86 MG/KG	0.54 MG/KG	0.36 MG/KG	0.47 MG/KG	0.35 MG/KG	0.53 MG/KG
POTASSIUM	21.4 MG/KG	20.0 MG/KG	10.9 U MG/KG	10.6 U MG/KG	10.8 U MG/KG	10.8 U MG/KG
SELENIUM	0.41 U MG/KG	0.41 U MG/KG	0.41 U MG/KG	0.40 U MG/KG	0.41 U MG/KG	0.41 U MG/KG
SILVER	0.22 U MG/KG	0.22 U MG/KG	0.22 U MG/KG	0.22 U MG/KG	0.22 U MG/KG	0.22 U MG/KG
SODIUM	91.4 U MG/KG	91.1 U MG/KG	91.3 U MG/KG	88.9 U MG/KG	90.4 U MG/KG	90.5 U MG/KG
THALLIUM	0.44 U MG/KG	0.44 U MG/KG	0.44 U MG/KG	0.43 U MG/KG	0.44 U MG/KG	0.44 U MG/KG
VANADIUM	1.7 U MG/KG	1.0 U MG/KG	0.67 U MG/KG	0.67 U MG/KG	0.37 U MG/KG	1.1 U MG/KG
ZINC	24.6 MG/KG	1.6 U MG/KG	0.56 U MG/KG	0.42 U MG/KG	0.74 U MG/KG	1.8 U MG/KG
RADIOLOGICAL						
GROSS ALPHA	1.29 +/- 0.194 J PCI/G	0.370 +/- 0.079 J PCI/G	0.282 +/- 0.067 J PCI/G		0.280 +/- 0.066 J PCI/G	0.433 +/- 0.091 J PCI/G
GROSS BETA	0.558 +/- 0.099 PCI/G	0.283 +/- 0.074 PCI/G	0.054 +/- 0.065 U PCI/G		0.219 +/- 0.074 PCI/G	0.400 +/- 0.082 PCI/G

SURFACE SOIL SAMPLES

SAMPLE NUMBER	NTCSSH2800	NTCSSH2900	NTCSSH3000	NTCSSH3100	NTCSSH3200
SAMPLE DATE	6/29/97	6/29/97	6/29/97	6/29/97	6/29/97
PARAMETER	RESULTS	RESULTS	RESULTS	RESULTS	RESULTS
VOLATILES					
1,1,1-TRICHLOROETHANE	5.4 U UG/KG	5.4 U UG/KG	5.5 U UG/KG	5.4 U UG/KG	5.4 U UG/KG
1,1,2,2-TETRACHLOROETHANE	5.4 U UG/KG	5.4 U UG/KG	5.5 U UG/KG	5.4 U UG/KG	5.4 U UG/KG
1,1,2-TRICHLOROETHANE	5.4 U UG/KG	5.4 U UG/KG	5.5 U UG/KG	5.4 U UG/KG	5.4 U UG/KG
1,1-DICHLOROETHANE	5.4 U UG/KG	5.4 U UG/KG	5.5 U UG/KG	5.4 U UG/KG	5.4 U UG/KG
1,1-DICHLOROETHENE	5.4 U UG/KG	5.4 U UG/KG	5.5 U UG/KG	5.4 U UG/KG	5.4 U UG/KG
1,2-DICHLOROETHANE	5.4 U UG/KG	5.4 U UG/KG	5.5 U UG/KG	5.4 U UG/KG	5.4 U UG/KG
1,2-DICHLOROPROPANE	5.4 U UG/KG	5.4 U UG/KG	5.5 U UG/KG	5.4 U UG/KG	5.4 U UG/KG
2-BUTANONE	11 U UG/KG	11 U UG/KG	11 U UG/KG	11 U UG/KG	11 U UG/KG
2-HEXANONE	11 U UG/KG	11 U UG/KG	11 U UG/KG	11 U UG/KG	11 U UG/KG
4-METHYL-2-PENTANONE	11 U UG/KG	11 U UG/KG	11 U UG/KG	11 U UG/KG	11 U UG/KG
ACETONE	11 U UG/KG	11 U UG/KG	11 U UG/KG	11 U UG/KG	11 U UG/KG
BENZENE	5.4 U UG/KG	5.4 U UG/KG	5.5 U UG/KG	5.4 U UG/KG	5.4 U UG/KG
BROMODICHLOROMETHANE	5.4 U UG/KG	5.4 U UG/KG	5.5 U UG/KG	5.4 U UG/KG	5.4 U UG/KG
BROMOFORM	5.4 U UG/KG	5.4 U UG/KG	5.5 U UG/KG	5.4 U UG/KG	5.4 U UG/KG
BROMOMETHANE	11 U UG/KG	11 U UG/KG	11 U UG/KG	11 U UG/KG	11 U UG/KG
CARBON DISULFIDE	5.4 U UG/KG	5.4 U UG/KG	5.5 U UG/KG	5.4 U UG/KG	5.4 U UG/KG
CARBON TETRACHLORIDE	5.4 U UG/KG	5.4 U UG/KG	5.5 U UG/KG	5.4 U UG/KG	5.4 U UG/KG
CHLOROBENZENE	5.4 U UG/KG	5.4 U UG/KG	5.5 U UG/KG	5.4 U UG/KG	5.4 U UG/KG
CHLOROETHANE	5.4 U UG/KG	5.4 U UG/KG	5.5 U UG/KG	5.4 U UG/KG	5.4 U UG/KG
CHLOROFORM	5.4 U UG/KG	5.4 U UG/KG	5.5 U UG/KG	5.4 U UG/KG	5.4 U UG/KG
CHLOROMETHANE	11 U UG/KG	11 U UG/KG	11 U UG/KG	11 U UG/KG	11 U UG/KG
CIS-1,2-DICHLOROETHENE	5.4 U UG/KG	5.4 U UG/KG	5.5 U UG/KG	5.4 U UG/KG	5.4 U UG/KG
CIS-1,3-DICHLOROPROPENE	5.4 U UG/KG	5.4 U UG/KG	5.5 U UG/KG	5.4 U UG/KG	5.4 U UG/KG
DIBROMOCHLOROMETHANE	5.4 U UG/KG	5.4 U UG/KG	5.5 U UG/KG	5.4 U UG/KG	5.4 U UG/KG
ETHYLBENZENE	5.4 U UG/KG	5.4 U UG/KG	5.5 U UG/KG	5.4 U UG/KG	5.4 U UG/KG
METHYLENE CHLORIDE	5.4 U UG/KG	5.4 U UG/KG	5.5 U UG/KG	5.4 U UG/KG	5.4 U UG/KG
STYRENE	5.4 U UG/KG	5.4 U UG/KG	5.5 U UG/KG	5.4 U UG/KG	5.4 U UG/KG
TETRACHLOROETHENE	5.4 U UG/KG	5.4 U UG/KG	5.5 U UG/KG	5.4 U UG/KG	5.4 U UG/KG
TOLUENE	5.4 U UG/KG	5.4 U UG/KG	6.0 U UG/KG	4.8 U UG/KG	5.8 U UG/KG
TRANS-1,2-DICHLOROETHENE	5.4 U UG/KG	5.4 U UG/KG	5.5 U UG/KG	5.4 U UG/KG	5.4 U UG/KG
TRANS-1,3-DICHLOROPROPENE	5.4 U UG/KG	5.4 U UG/KG	5.5 U UG/KG	5.4 U UG/KG	5.4 U UG/KG
TRICHLOROETHENE	5.4 U UG/KG	5.4 U UG/KG	5.5 U UG/KG	5.4 U UG/KG	5.4 U UG/KG
VINYL CHLORIDE	5.4 U UG/KG	5.4 U UG/KG	5.5 U UG/KG	5.4 U UG/KG	5.4 U UG/KG
XYLENES, TOTAL	5.4 U UG/KG	5.4 U UG/KG	4.1 U UG/KG	5.4 U UG/KG	4.7 U UG/KG
SEMIVOLATILES					
1,2,4-TRICHLOROBENZENE	720 U UG/KG	350 U UG/KG	360 U UG/KG	360 U UG/KG	1800 U UG/KG

SAMPLE NUMBER	NTCSSH2800	NTCSSH2900	NTCSSH3000	NTCSSH3100	NTCSSH3200
SAMPLE DATE	6/29/97	6/29/97	6/29/97	6/29/97	6/29/97
PARAMETER	RESULTS	RESULTS	RESULTS	RESULTS	RESULTS
1,2-DICHLOROBENZENE	720 U UG/KG	350 U UG/KG	360 U UG/KG	360 U UG/KG	1800 U UG/KG
1,3-DICHLOROBENZENE	720 U UG/KG	350 U UG/KG	360 U UG/KG	360 U UG/KG	1800 U UG/KG
1,4-DICHLOROBENZENE	720 U UG/KG	350 U UG/KG	360 U UG/KG	360 U UG/KG	1800 U UG/KG
2,4,5-TRICHLOROPHENOL	720 U UG/KG	350 U UG/KG	360 U UG/KG	360 U UG/KG	1800 U UG/KG
2,4,6-TRICHLOROPHENOL	720 U UG/KG	350 U UG/KG	360 U UG/KG	360 U UG/KG	1800 U UG/KG
2,4-DICHLOROPHENOL	720 U UG/KG	350 U UG/KG	360 U UG/KG	360 U UG/KG	1800 U UG/KG
2,4-DIMETHYLPHENOL	1800 U UG/KG	880 U UG/KG	900 U UG/KG	910 U UG/KG	4400 U UG/KG
2,4-DINITROPHENOL	1800 U UG/KG	880 U UG/KG	900 U UG/KG	910 U UG/KG	4400 U UG/KG
2,4-DINITROTOLUENE	720 U UG/KG	350 U UG/KG	360 U UG/KG	360 U UG/KG	1800 U UG/KG
2,6-DINITROTOLUENE	720 U UG/KG	350 U UG/KG	360 U UG/KG	360 U UG/KG	1800 U UG/KG
2-CHLORONAPHTHALENE	720 U UG/KG	350 U UG/KG	360 U UG/KG	360 U UG/KG	1800 U UG/KG
2-CHLOROPHENOL	720 U UG/KG	350 U UG/KG	360 U UG/KG	360 U UG/KG	1800 U UG/KG
2-METHYLNAPHTHALENE	720 U UG/KG	350 U UG/KG	360 U UG/KG	360 U UG/KG	1800 U UG/KG
2-METHYLPHENOL	720 U UG/KG	350 U UG/KG	360 U UG/KG	360 U UG/KG	1800 U UG/KG
2-NITROANILINE	720 U UG/KG	350 U UG/KG	360 U UG/KG	360 U UG/KG	1800 U UG/KG
2-NITROPHENOL	720 U UG/KG	350 U UG/KG	360 U UG/KG	360 U UG/KG	1800 U UG/KG
3&4-METHYLPHENOL	720 U UG/KG	350 U UG/KG	360 U UG/KG	360 U UG/KG	1800 U UG/KG
3,3'-DICHLOROBENZIDINE	1800 U UG/KG	880 U UG/KG	900 U UG/KG	910 U UG/KG	4400 U UG/KG
3-NITROANILINE	720 U UG/KG	350 U UG/KG	360 U UG/KG	360 U UG/KG	1800 U UG/KG
4,6-DINITRO-2-METHYLPHENOL	720 U UG/KG	350 U UG/KG	360 U UG/KG	360 U UG/KG	1800 U UG/KG
4-BROMOPHENYL PHENYL ETHER	720 U UG/KG	350 U UG/KG	360 U UG/KG	360 U UG/KG	1800 U UG/KG
4-CHLORO-3-METHYLPHENOL	1800 U UG/KG	880 U UG/KG	900 U UG/KG	910 U UG/KG	4400 U UG/KG
4-CHLOROANILINE	720 U UG/KG	350 U UG/KG	360 U UG/KG	360 U UG/KG	1800 U UG/KG
4-CHLOROPHENYL PHENYL ETHER	720 U UG/KG	350 U UG/KG	360 U UG/KG	360 U UG/KG	1800 U UG/KG
4-NITROANILINE	720 U UG/KG	350 U UG/KG	360 U UG/KG	360 U UG/KG	1800 U UG/KG
4-NITROPHENOL	1800 U UG/KG	880 U UG/KG	900 U UG/KG	910 U UG/KG	4400 U UG/KG
ACENAPHTHENE	720 U UG/KG	350 U UG/KG	360 U UG/KG	360 U UG/KG	1800 U UG/KG
ACENAPHTHYLENE	720 U UG/KG	350 U UG/KG	360 U UG/KG	360 U UG/KG	1800 U UG/KG
ANTHRACENE	515 UG/KG	350 U UG/KG	360 U UG/KG	360 U UG/KG	1800 U UG/KG
BENZO(A)ANTHRACENE	1730 UG/KG	603 UG/KG	360 U UG/KG	360 U UG/KG	1800 U UG/KG
BENZO(A)PYRENE	1780 UG/KG	565 UG/KG	90 U UG/KG	91 U UG/KG	403 UG/KG
BENZO(B)FLUORANTHENE	1280 UG/KG	505 UG/KG	360 U UG/KG	360 U UG/KG	1800 U UG/KG
BENZO(G,H,I)PERYLENE	1240 UG/KG	420 UG/KG	360 U UG/KG	360 U UG/KG	1800 U UG/KG
BENZO(K)FLUORANTHENE	1080 UG/KG	399 UG/KG	360 U UG/KG	360 U UG/KG	1800 U UG/KG
BIS(2-CHLOROETHOXY)METHANE	720 U UG/KG	350 U UG/KG	360 U UG/KG	360 U UG/KG	1800 U UG/KG
BIS(2-CHLOROETHYL)ETHER	720 U UG/KG	350 U UG/KG	360 U UG/KG	360 U UG/KG	1800 U UG/KG
BIS(2-CHLOROISOPROPYL) ETHER	720 U UG/KG	350 U UG/KG	360 U UG/KG	360 U UG/KG	1800 U UG/KG

SAMPLE NUMBER	NTCSSH2800	NTCSSH2900	NTCSSH3000	NTCSSH3100	NTCSSH3200
SAMPLE DATE	6/29/97	6/29/97	6/29/97	6/29/97	6/29/97
PARAMETER	RESULTS	RESULTS	RESULTS	RESULTS	RESULTS
BIS(2-ETHYLHEXYL)PHTHALATE	720 U UG/KG	350 U UG/KG	360 U UG/KG	360 U UG/KG	1800 U UG/KG
BUTYLBENZYL PHTHALATE	720 U UG/KG	350 U UG/KG	360 U UG/KG	360 U UG/KG	1800 U UG/KG
CARBAZOLE	720 U UG/KG	350 U UG/KG	360 U UG/KG	360 U UG/KG	1800 U UG/KG
CHRYSENE	1800 UG/KG	717 UG/KG	360 U UG/KG	360 U UG/KG	1800 U UG/KG
DI-N-BUTYL PHTHALATE	720 U UG/KG	350 U UG/KG	360 U UG/KG	360 U UG/KG	1800 U UG/KG
DI-N-OCTYL PHTHALATE	720 U UG/KG	350 U UG/KG	360 U UG/KG	360 U UG/KG	1800 U UG/KG
DIBENZO(A,H)ANTHRACENE	769 UG/KG	262 UG/KG	90 U UG/KG	91 U UG/KG	248 UG/KG
DIBENZOFURAN	720 U UG/KG	350 U UG/KG	360 U UG/KG	360 U UG/KG	1800 U UG/KG
DIETHYL PHTHALATE	720 U UG/KG	350 U UG/KG	360 U UG/KG	360 U UG/KG	1800 U UG/KG
DIMETHYL PHTHALATE	720 U UG/KG	350 U UG/KG	360 U UG/KG	360 U UG/KG	1800 U UG/KG
FLUORANTHENE	5380 UG/KG	1560 UG/KG	360 U UG/KG	360 U UG/KG	1200 UG/KG
FLUORENE	720 U UG/KG	350 U UG/KG	360 U UG/KG	360 U UG/KG	1800 U UG/KG
HEXACHLOROBENZENE	720 U UG/KG	350 U UG/KG	360 U UG/KG	360 U UG/KG	1800 U UG/KG
HEXACHLOROBUTADIENE	720 U UG/KG	350 U UG/KG	360 U UG/KG	360 U UG/KG	1800 U UG/KG
HEXACHLOROCYCLOPENTADIENE	720 U UG/KG	350 U UG/KG	360 U UG/KG	360 U UG/KG	1800 U UG/KG
HEXACHLOROETHANE	720 U UG/KG	350 U UG/KG	360 U UG/KG	360 U UG/KG	1800 U UG/KG
INDENO(1,2,3-CD)PYRENE	1210 UG/KG	417 UG/KG	360 U UG/KG	360 U UG/KG	1800 U UG/KG
ISOPHORONE	720 U UG/KG	350 U UG/KG	360 U UG/KG	360 U UG/KG	1800 U UG/KG
N-NITROSO-DI-N-PROPYLAMINE	72 U UG/KG	18 U UG/KG	18 U UG/KG	18 U UG/KG	89 U UG/KG
N-NITROSODIPHENYLAMINE	720 U UG/KG	350 U UG/KG	360 U UG/KG	360 U UG/KG	1800 U UG/KG
NAPHTHALENE	720 U UG/KG	350 U UG/KG	360 U UG/KG	360 U UG/KG	1800 U UG/KG
NITROBENZENE	720 U UG/KG	350 U UG/KG	360 U UG/KG	360 U UG/KG	1800 U UG/KG
PHENANTHRENE	2040 UG/KG	994 UG/KG	360 U UG/KG	360 U UG/KG	734 UG/KG
PHENOL	720 U UG/KG	350 U UG/KG	360 U UG/KG	360 U UG/KG	1800 U UG/KG
PYRENE	3740 UG/KG	991 UG/KG	360 U UG/KG	360 U UG/KG	793 UG/KG
HERBICIDES					
2,4,5-T	1.4 U UG/KG	1.4 U UG/KG	1.4 U UG/KG	1.4 U UG/KG	1.4 U UG/KG
2,4,5-TP (SILVEX)	1.6 U UG/KG	1.6 U UG/KG	1.6 U UG/KG	1.7 U UG/KG	1.6 U UG/KG
2,4-D	7.5 U UG/KG	7.5 U UG/KG	7.6 U UG/KG	7.7 U UG/KG	7.6 U UG/KG
2,4-DB	4.3 U UG/KG	4.3 U UG/KG	4.3 U UG/KG	4.4 U UG/KG	4.3 U UG/KG
DALAPON	8.6 U UG/KG	8.6 U UG/KG	8.6 U UG/KG	8.8 U UG/KG	8.6 U UG/KG
DICAMBA	4.3 U UG/KG	4.3 U UG/KG	4.3 U UG/KG	4.4 U UG/KG	4.3 U UG/KG
DICHLOROPROP	22 U UG/KG	22 U UG/KG	22 U UG/KG	22 U UG/KG	22 U UG/KG
DINOSEB	4.3 U UG/KG	4.3 U UG/KG	4.3 U UG/KG	4.4 U UG/KG	4.3 U UG/KG
MCPA	2200 U UG/KG	2200 U UG/KG	2200 U UG/KG	2200 U UG/KG	2200 U UG/KG
MCPP	1100 U UG/KG	1100 U UG/KG	1100 U UG/KG	1100 U UG/KG	1100 U UG/KG
PENTACHLOROPHENOL	2.2 U UG/KG	2.2 U UG/KG	2.2 U UG/KG	2.2 U UG/KG	2.2 U UG/KG

SURFACE SOIL SAMPLES

SAMPLE NUMBER	NTCSSH2800	NTCSSH2900	NTCSSH3000	NTCSSH3100	NTCSSH3200
SAMPLE DATE	6/29/97	6/29/97	6/29/97	6/29/97	6/29/97
PARAMETER	RESULTS	RESULTS	RESULTS	RESULTS	RESULTS
PESTICIDES/PCBS					
4,4'-DDD	18 UG/KG	1.9 U UG/KG	1.9 U UG/KG	2.0 U UG/KG	3.0 UG/KG
4,4'-DDE	26 UG/KG	3.9 UG/KG	0.93 U UG/KG	0.95 U UG/KG	1.8 UG/KG
4,4'-DDT	47 UG/KG	4.3 U UG/KG	4.3 U UG/KG	4.4 U UG/KG	21 UG/KG
ALDRIN	3.4 U UG/KG	3.4 U UG/KG	3.4 U UG/KG	3.5 U UG/KG	3.4 U UG/KG
ALPHA-BHC	0.75 U UG/KG	0.75 U UG/KG	0.75 U UG/KG	0.77 U UG/KG	0.76 U UG/KG
ALPHA-CHLORDANE	20 UG/KG	0.79 U UG/KG	0.79 U UG/KG	0.80 U UG/KG	2.3 UG/KG
AROCLOR-1016					
AROCLOR-1221					
AROCLOR-1232					
AROCLOR-1242					
AROCLOR-1248					
AROCLOR-1254					
AROCLOR-1260					
BETA-BHC	1.1 U UG/KG	1.1 U UG/KG	1.1 U UG/KG	1.1 U UG/KG	1.1 U UG/KG
DELTA-BHC	1.3 U UG/KG	1.3 U UG/KG	1.3 U UG/KG	1.4 U UG/KG	1.3 U UG/KG
DIELDRIN	0.93 U UG/KG	0.93 U UG/KG	0.93 U UG/KG	0.95 U UG/KG	0.94 U UG/KG
ENDOSULFAN I	0.97 U UG/KG	0.97 U UG/KG	0.97 U UG/KG	0.99 U UG/KG	0.97 U UG/KG
ENDOSULFAN II	1.2 U UG/KG	1.2 U UG/KG	1.2 U UG/KG	1.2 U UG/KG	1.2 U UG/KG
ENDOSULFAN SULFATE	3.9 U UG/KG	3.9 U UG/KG	3.9 U UG/KG	4.0 U UG/KG	4.0 U UG/KG
ENDRIN	1.5 U UG/KG	1.5 U UG/KG	1.5 U UG/KG	1.6 U UG/KG	1.5 U UG/KG
ENDRIN ALDEHYDE	1.4 U UG/KG	1.4 U UG/KG	1.4 U UG/KG	1.5 U UG/KG	1.4 U UG/KG
ENDRIN KETONE	7.5 UG/KG	7.2 U UG/KG	7.2 U UG/KG	7.3 U UG/KG	7.2 U UG/KG
GAMMA-BHC (LINDANE)	0.79 U UG/KG	0.79 U UG/KG	0.79 U UG/KG	0.80 U UG/KG	0.79 U UG/KG
GAMMA-CHLORDANE	19 UG/KG	0.90 U UG/KG	0.90 U UG/KG	0.92 U UG/KG	3.0 UG/KG
HEPTACHLOR	0.93 U UG/KG	0.93 U UG/KG	0.93 U UG/KG	2.7 UG/KG	0.94 U UG/KG
HEPTACHLOR EPOXIDE	1.4 UG/KG	0.97 U UG/KG	0.97 U UG/KG	0.99 U UG/KG	0.97 U UG/KG
METHOXYCHLOR	27 UG/KG	6.4 U UG/KG	6.5 U UG/KG	6.6 U UG/KG	6.5 U UG/KG
TOXAPHENE	72 U UG/KG	72 U UG/KG	72 U UG/KG	73 U UG/KG	72 U UG/KG
PETROLEUM HYDROCARBONS					
DIESEL RANGE ORGANICS	35.7 MG/KG	19.0 MG/KG	9.0 U MG/KG	14.2 MG/KG	27.7 MG/KG
GASOLINE RANGE ORGANICS	0.11 U MG/KG	0.11 U MG/KG	0.11 U MG/KG	0.11 U MG/KG	0.11 U MG/KG
MISC					
CATION EX. CAPACITY		269 U MG/KG			2380 MG/KG
TOTAL ORGANIC CARBON		10000 MG/KG			20300 MG/KG
METALS					
ALUMINUM	804 MG/KG	791 MG/KG	1490 MG/KG	1290 MG/KG	761 MG/KG

SURFACE SOIL SAMPLES

SAMPLE NUMBER	NTCSSH2800	NTCSSH2900	NTCSSH3000	NTCSSH3100	NTCSSH3200
SAMPLE DATE	6/29/97	6/29/97	6/29/97	6/29/97	6/29/97
PARAMETER	RESULTS	RESULTS	RESULTS	RESULTS	RESULTS
ANTIMONY	0.29 U MG/KG	0.29 U MG/KG	0.29 U MG/KG	0.30 U MG/KG	0.29 U MG/KG
ARSENIC	0.49 U MG/KG	0.49 U MG/KG	0.49 U MG/KG	0.50 U MG/KG	0.49 U MG/KG
BARIUM	3.6 U MG/KG	4.9 U MG/KG	6.1 U MG/KG	2.0 U MG/KG	5.4 U MG/KG
BERYLLIUM	0.04 U MG/KG	0.03 U MG/KG	0.07 U MG/KG	0.07 U MG/KG	0.06 U MG/KG
CADMIUM	0.05 U MG/KG	0.05 U MG/KG	0.08 MG/KG	0.06 U MG/KG	0.05 U MG/KG
CALCIUM	851 MG/KG	332 MG/KG	906 MG/KG	45.7 U MG/KG	2340 MG/KG
CHROMIUM	2.9 MG/KG	0.96 MG/KG	1.8 MG/KG	1.5 MG/KG	1.6 MG/KG
COBALT	0.18 U MG/KG	0.18 U MG/KG	0.18 U MG/KG	0.19 U MG/KG	0.18 U MG/KG
COPPER	0.93 MG/KG	0.29 U MG/KG	0.93 MG/KG	0.30 U MG/KG	0.31 MG/KG
CYANIDE	1.1 UR MG/KG	1.1 UR MG/KG	1.1 UR MG/KG	1.1 UR MG/KG	1.1 UR MG/KG
IRON	130 MG/KG	85.1 MG/KG	406 MG/KG	574 MG/KG	217 MG/KG
LEAD	5.4 MG/KG	2.4 U MG/KG	3.8 MG/KG	3.3 MG/KG	6.8 MG/KG
MAGNESIUM	49.6 MG/KG	43.8 MG/KG	46.1 MG/KG	20.9 U MG/KG	39.9 MG/KG
MANGANESE	3.3 MG/KG	1.4 MG/KG	3.0 MG/KG	0.57 MG/KG	1.4 MG/KG
MERCURY	0.09 U MG/KG	0.09 U MG/KG	0.09 U MG/KG	0.09 U MG/KG	0.09 U MG/KG
NICKEL	0.45 MG/KG	0.24 MG/KG	0.58 MG/KG	0.29 MG/KG	0.31 MG/KG
POTASSIUM	10.7 U MG/KG	14.2 MG/KG	19.6 MG/KG	11.2 MG/KG	10.7 U MG/KG
SELENIUM	0.40 U MG/KG	0.40 U MG/KG	0.40 U MG/KG	0.41 U MG/KG	0.40 U MG/KG
SILVER	0.22 U MG/KG	0.22 U MG/KG	0.22 U MG/KG	0.22 U MG/KG	0.22 U MG/KG
SODIUM	89.5 U MG/KG	89.0 U MG/KG	89.2 U MG/KG	91.4 U MG/KG	89.4 U MG/KG
THALLIUM	0.43 U MG/KG	0.43 U MG/KG	0.43 U MG/KG	0.44 U MG/KG	0.43 U MG/KG
VANADIUM	0.90 U MG/KG	0.59 U MG/KG	1.7 U MG/KG	1.0 U MG/KG	2.2 MG/KG
ZINC	11.3 MG/KG	1.1 U MG/KG	6.8 MG/KG	1.3 U MG/KG	2.5 U MG/KG
RADIOLOGICAL					
GROSS ALPHA	0.853 +/- 0.129 J PCI/G	0.423 +/- 0.080 J PCI/G	1.40 +/- 0.199 PCI/G	0.542 +/- 0.094 J PCI/G	0.674 +/- 0.119 J PCI/G
GROSS BETA	0.288 +/- 0.076 PCI/G	0.232 +/- 0.071 PCI/G	0.527 +/- 0.095 PCI/G	0.444 +/- 0.086 PCI/G	-0.083+/- 0.013 U PCI/G

SAMPLE NUMBER	NTCSSH3300	NTCSSH3400	NTCSSH3500	NTCSSH3500-D	NTCSSH3600	NTCSSH3700
SAMPLE DATE	6/29/97	6/29/97	6/29/97	6/29/97	6/29/97	6/29/97
PARAMETER	RESULTS	RESULTS	RESULTS	RESULTS	RESULTS	RESULTS
VOLATILES						
1,1,1-TRICHLOROETHANE	5.4 U UG/KG	5.2 U UG/KG	5.4 U UG/KG	5.5 U UG/KG	7.1 UJ UG/KG	5.5 U UG/KG
1,1,2,2-TETRACHLOROETHANE	5.4 U UG/KG	5.2 U UG/KG	5.4 U UG/KG	5.5 U UG/KG	7.1 UJ UG/KG	5.5 U UG/KG
1,1,2-TRICHLOROETHANE	5.4 U UG/KG	5.2 U UG/KG	5.4 U UG/KG	5.5 U UG/KG	7.1 UJ UG/KG	5.5 U UG/KG
1,1-DICHLOROETHANE	5.4 U UG/KG	5.2 U UG/KG	5.4 U UG/KG	5.5 U UG/KG	7.1 UJ UG/KG	5.5 U UG/KG
1,1-DICHLOROETHENE	5.4 U UG/KG	5.2 U UG/KG	5.4 U UG/KG	5.5 U UG/KG	7.1 UJ UG/KG	5.5 U UG/KG
1,2-DICHLOROETHANE	5.4 U UG/KG	5.2 U UG/KG	5.4 U UG/KG	5.5 U UG/KG	7.1 UJ UG/KG	5.5 U UG/KG
1,2-DICHLOROPROPANE	5.4 U UG/KG	5.2 U UG/KG	5.4 U UG/KG	5.5 U UG/KG	7.1 UJ UG/KG	5.5 U UG/KG
2-BUTANONE	11 U UG/KG	10 U UG/KG	11 U UG/KG	11 U UG/KG	14 UJ UG/KG	11 U UG/KG
2-HEXANONE	11 U UG/KG	10 U UG/KG	11 U UG/KG	11 U UG/KG	14 UJ UG/KG	11 U UG/KG
4-METHYL-2-PENTANONE	11 U UG/KG	10 U UG/KG	11 U UG/KG	11 U UG/KG	14 UJ UG/KG	11 U UG/KG
ACETONE	11 U UG/KG	10 U UG/KG	1560 UG/KG	33 UG/KG	39.5 J UG/KG	11 U UG/KG
BENZENE	5.4 U UG/KG	5.2 U UG/KG	5.4 U UG/KG	5.5 U UG/KG	7.1 UJ UG/KG	5.5 U UG/KG
BROMODICHLOROMETHANE	5.4 U UG/KG	5.2 U UG/KG	5.4 U UG/KG	5.5 U UG/KG	7.1 UJ UG/KG	5.5 U UG/KG
BROMOFORM	5.4 U UG/KG	5.2 U UG/KG	5.4 U UG/KG	5.5 U UG/KG	7.1 UJ UG/KG	5.5 U UG/KG
BROMOMETHANE	11 U UG/KG	10 U UG/KG	11 U UG/KG	11 U UG/KG	14 UJ UG/KG	11 U UG/KG
CARBON DISULFIDE	5.4 U UG/KG	5.2 U UG/KG	5.4 U UG/KG	5.5 U UG/KG	7.1 UJ UG/KG	5.5 U UG/KG
CARBON TETRACHLORIDE	5.4 U UG/KG	5.2 U UG/KG	5.4 U UG/KG	5.5 U UG/KG	7.1 UJ UG/KG	5.5 U UG/KG
CHLOROBENZENE	5.4 U UG/KG	5.2 U UG/KG	5.4 U UG/KG	5.5 U UG/KG	7.1 UJ UG/KG	5.5 U UG/KG
CHLOROETHANE	5.4 U UG/KG	5.2 U UG/KG	5.4 U UG/KG	5.5 U UG/KG	7.1 UJ UG/KG	5.5 U UG/KG
CHLOROFORM	5.4 U UG/KG	5.2 U UG/KG	5.4 U UG/KG	5.5 U UG/KG	7.1 UJ UG/KG	5.5 U UG/KG
CHLOROMETHANE	11 U UG/KG	10 U UG/KG	11 U UG/KG	11 U UG/KG	14 UJ UG/KG	11 U UG/KG
CIS-1,2-DICHLOROETHENE	5.4 U UG/KG	5.2 U UG/KG	5.4 U UG/KG	5.5 U UG/KG	7.1 UJ UG/KG	5.5 U UG/KG
CIS-1,3-DICHLOROPROPENE	5.4 U UG/KG	5.2 U UG/KG	5.4 U UG/KG	5.5 U UG/KG	7.1 UJ UG/KG	5.5 U UG/KG
DIBROMOCHLOROMETHANE	5.4 U UG/KG	5.2 U UG/KG	5.4 U UG/KG	5.5 U UG/KG	7.1 UJ UG/KG	5.5 U UG/KG
ETHYLBENZENE	5.4 U UG/KG	5.2 U UG/KG	5.4 U UG/KG	5.5 U UG/KG	7.1 UJ UG/KG	5.5 U UG/KG
METHYLENE CHLORIDE	5.4 U UG/KG	5.2 U UG/KG	5.4 U UG/KG	5.5 U UG/KG	7.1 UJ UG/KG	3.6 UG/KG
STYRENE	5.4 U UG/KG	5.2 U UG/KG	5.4 U UG/KG	5.5 U UG/KG	7.1 UJ UG/KG	5.5 U UG/KG
TETRACHLOROETHENE	5.4 U UG/KG	5.2 U UG/KG	5.4 U UG/KG	5.5 U UG/KG	7.1 UJ UG/KG	5.5 U UG/KG
TOLUENE	4.0 UG/KG	3.8 UG/KG	4.8 UG/KG	5.5 U UG/KG	7.1 UJ UG/KG	10.4 UG/KG
TRANS-1,2-DICHLOROETHENE	5.4 U UG/KG	5.2 U UG/KG	5.4 U UG/KG	5.5 U UG/KG	7.1 UJ UG/KG	5.5 U UG/KG
TRANS-1,3-DICHLOROPROPENE	5.4 U UG/KG	5.2 U UG/KG	5.4 U UG/KG	5.5 U UG/KG	7.1 UJ UG/KG	5.5 U UG/KG
TRICHLOROETHENE	5.4 U UG/KG	5.2 U UG/KG	5.4 U UG/KG	5.5 U UG/KG	7.1 UJ UG/KG	5.5 U UG/KG
VINYL CHLORIDE	5.4 U UG/KG	5.2 U UG/KG	5.4 U UG/KG	5.5 U UG/KG	7.1 UJ UG/KG	5.5 U UG/KG
XYLENES, TOTAL	5.4 U UG/KG	2.2 UG/KG	3.7 UG/KG	5.5 U UG/KG	7.1 UJ UG/KG	5.7 UG/KG
SEMIVOLATILES						
1,2,4-TRICHLOROBENZENE	360 U UG/KG	360 U UG/KG	360 U UG/KG	360 U UG/KG	390 U UG/KG	360 U UG/KG

SAMPLE NUMBER	NTCSSH3300	NTCSSH3400	NTCSSH3500	NTCSSH3500-D	NTCSSH3600	NTCSSH3700
SAMPLE DATE	6/29/97	6/29/97	6/29/97	6/29/97	6/29/97	6/29/97
PARAMETER	RESULTS	RESULTS	RESULTS	RESULTS	RESULTS	RESULTS
1,2-DICHLOROBENZENE	360 U UG/KG	360 U UG/KG	360 U UG/KG	360 U UG/KG	390 U UG/KG	360 U UG/KG
1,3-DICHLOROBENZENE	360 U UG/KG	360 U UG/KG	360 U UG/KG	360 U UG/KG	390 U UG/KG	360 U UG/KG
1,4-DICHLOROBENZENE	360 U UG/KG	360 U UG/KG	360 U UG/KG	360 U UG/KG	390 U UG/KG	360 U UG/KG
2,4,5-TRICHLOROPHENOL	360 U UG/KG	360 U UG/KG	360 U UG/KG	360 U UG/KG	390 U UG/KG	360 U UG/KG
2,4,6-TRICHLOROPHENOL	360 U UG/KG	360 U UG/KG	360 U UG/KG	360 U UG/KG	390 U UG/KG	360 U UG/KG
2,4-DICHLOROPHENOL	360 U UG/KG	360 U UG/KG	360 U UG/KG	360 U UG/KG	390 U UG/KG	360 U UG/KG
2,4-DIMETHYLPHENOL	900 U UG/KG	890 U UG/KG	910 U UG/KG	900 U UG/KG	970 U UG/KG	910 U UG/KG
2,4-DINITROPHENOL	900 U UG/KG	890 U UG/KG	910 U UG/KG	900 U UG/KG	970 U UG/KG	910 U UG/KG
2,4-DINITROTOLUENE	360 U UG/KG	360 U UG/KG	360 U UG/KG	360 U UG/KG	390 U UG/KG	360 U UG/KG
2,6-DINITROTOLUENE	360 U UG/KG	360 U UG/KG	360 U UG/KG	360 U UG/KG	390 U UG/KG	360 U UG/KG
2-CHLORONAPHTHALENE	360 U UG/KG	360 U UG/KG	360 U UG/KG	360 U UG/KG	390 U UG/KG	360 U UG/KG
2-CHLOROPHENOL	360 U UG/KG	360 U UG/KG	360 U UG/KG	360 U UG/KG	390 U UG/KG	360 U UG/KG
2-METHYLNAPHTHALENE	360 U UG/KG	360 U UG/KG	360 U UG/KG	360 U UG/KG	390 U UG/KG	360 U UG/KG
2-METHYLPHENOL	360 U UG/KG	360 U UG/KG	360 U UG/KG	360 U UG/KG	390 U UG/KG	360 U UG/KG
2-NITROANILINE	360 U UG/KG	360 U UG/KG	360 U UG/KG	360 U UG/KG	390 U UG/KG	360 U UG/KG
2-NITROPHENOL	360 U UG/KG	360 U UG/KG	360 U UG/KG	360 U UG/KG	390 U UG/KG	360 U UG/KG
3&4-METHYLPHENOL	360 U UG/KG	360 U UG/KG	360 U UG/KG	360 U UG/KG	390 U UG/KG	360 U UG/KG
3,3'-DICHLOROBENZIDINE	900 U UG/KG	890 U UG/KG	910 U UG/KG	900 U UG/KG	970 U UG/KG	910 U UG/KG
3-NITROANILINE	360 U UG/KG	360 U UG/KG	360 U UG/KG	360 U UG/KG	390 U UG/KG	360 U UG/KG
4,6-DINITRO-2-METHYLPHENOL	360 U UG/KG	360 U UG/KG	360 U UG/KG	360 U UG/KG	390 U UG/KG	360 U UG/KG
4-BROMOPHENYL PHENYL ETHER	360 U UG/KG	360 U UG/KG	360 U UG/KG	360 U UG/KG	390 U UG/KG	360 U UG/KG
4-CHLORO-3-METHYLPHENOL	900 U UG/KG	890 U UG/KG	910 U UG/KG	900 U UG/KG	970 U UG/KG	910 U UG/KG
4-CHLOROANILINE	360 U UG/KG	360 U UG/KG	360 U UG/KG	360 U UG/KG	390 U UG/KG	360 U UG/KG
4-CHLOROPHENYL PHENYL ETHER	360 U UG/KG	360 U UG/KG	360 U UG/KG	360 U UG/KG	390 U UG/KG	360 U UG/KG
4-NITROANILINE	360 U UG/KG	360 U UG/KG	360 U UG/KG	360 U UG/KG	390 U UG/KG	360 U UG/KG
4-NITROPHENOL	900 U UG/KG	890 U UG/KG	910 U UG/KG	900 U UG/KG	970 U UG/KG	910 U UG/KG
ACENAPHTHENE	360 U UG/KG	360 U UG/KG	360 U UG/KG	360 U UG/KG	390 U UG/KG	360 U UG/KG
ACENAPHTHYLENE	360 U UG/KG	360 U UG/KG	360 U UG/KG	360 U UG/KG	390 U UG/KG	360 U UG/KG
ANTHRACENE	360 U UG/KG	360 U UG/KG	360 U UG/KG	360 U UG/KG	390 U UG/KG	360 U UG/KG
BENZO(A)ANTHRACENE	360 U UG/KG	360 U UG/KG	360 U UG/KG	360 U UG/KG	390 U UG/KG	360 U UG/KG
BENZO(A)PYRENE	90 U UG/KG	166 UG/KG	91 U UG/KG	90 U UG/KG	97 U UG/KG	91 U UG/KG
BENZO(B)FLUORANTHENE	360 U UG/KG	360 U UG/KG	360 U UG/KG	360 U UG/KG	390 U UG/KG	360 U UG/KG
BENZO(G,H,I)PERYLENE	360 U UG/KG	360 U UG/KG	360 U UG/KG	360 U UG/KG	390 U UG/KG	360 U UG/KG
BENZO(K)FLUORANTHENE	360 U UG/KG	360 U UG/KG	360 U UG/KG	360 U UG/KG	390 U UG/KG	360 U UG/KG
BIS(2-CHLOROETHOXY)METHANE	360 U UG/KG	360 U UG/KG	360 U UG/KG	360 U UG/KG	390 U UG/KG	360 U UG/KG
BIS(2-CHLOROETHYL)ETHER	360 U UG/KG	360 U UG/KG	360 U UG/KG	360 U UG/KG	390 U UG/KG	360 U UG/KG
BIS(2-CHLOROISOPROPYL) ETHER	360 U UG/KG	360 U UG/KG	360 U UG/KG	360 U UG/KG	390 U UG/KG	360 U UG/KG

SAMPLE NUMBER	NTCSSH3300	NTCSSH3400	NTCSSH3500	NTCSSH3500-D	NTCSSH3600	NTCSSH3700
SAMPLE DATE	6/29/97	6/29/97	6/29/97	6/29/97	6/29/97	6/29/97
PARAMETER	RESULTS	RESULTS	RESULTS	RESULTS	RESULTS	RESULTS
BIS(2-ETHYLHEXYL)PHTHALATE	360 U UG/KG	360 U UG/KG	360 U UG/KG	360 U UG/KG	390 U UG/KG	360 U UG/KG
BUTYLBENZYL PHTHALATE	360 U UG/KG	360 U UG/KG	360 U UG/KG	360 U UG/KG	390 U UG/KG	360 U UG/KG
CARBAZOLE	360 U UG/KG	360 U UG/KG	360 U UG/KG	360 U UG/KG	390 U UG/KG	360 U UG/KG
CHRYSENE	360 U UG/KG	360 U UG/KG	360 U UG/KG	360 U UG/KG	390 U UG/KG	360 U UG/KG
DI-N-BUTYL PHTHALATE	360 U UG/KG	360 U UG/KG	360 U UG/KG	360 U UG/KG	390 U UG/KG	360 U UG/KG
DI-N-OCTYL PHTHALATE	360 U UG/KG	360 U UG/KG	360 U UG/KG	360 U UG/KG	390 U UG/KG	360 U UG/KG
DIBENZO(A,H)ANTHRACENE	90 U UG/KG	89.9 UG/KG	91 U UG/KG	90 U UG/KG	97 U UG/KG	91 U UG/KG
DIBENZOFURAN	360 U UG/KG	360 U UG/KG	360 U UG/KG	360 U UG/KG	390 U UG/KG	360 U UG/KG
DIETHYL PHTHALATE	360 U UG/KG	360 U UG/KG	360 U UG/KG	360 U UG/KG	390 U UG/KG	360 U UG/KG
DIMETHYL PHTHALATE	360 U UG/KG	360 U UG/KG	360 U UG/KG	360 U UG/KG	390 U UG/KG	360 U UG/KG
FLUORANTHENE	360 U UG/KG	416 UG/KG	360 U UG/KG	360 U UG/KG	390 U UG/KG	360 U UG/KG
FLUORENE	360 U UG/KG	360 U UG/KG	360 U UG/KG	360 U UG/KG	390 U UG/KG	360 U UG/KG
HEXACHLOROBENZENE	360 U UG/KG	360 U UG/KG	360 U UG/KG	360 U UG/KG	390 U UG/KG	360 U UG/KG
HEXACHLOROBUTADIENE	360 U UG/KG	360 U UG/KG	360 U UG/KG	360 U UG/KG	390 U UG/KG	360 U UG/KG
HEXACHLOROCYCLOPENTADIENE	360 U UG/KG	360 U UG/KG	360 U UG/KG	360 U UG/KG	390 U UG/KG	360 U UG/KG
HEXACHLOROETHANE	360 U UG/KG	360 U UG/KG	360 U UG/KG	360 U UG/KG	390 U UG/KG	360 U UG/KG
INDENO(1,2,3-CD)PYRENE	360 U UG/KG	360 U UG/KG	360 U UG/KG	360 U UG/KG	390 U UG/KG	360 U UG/KG
ISOPHORONE	360 U UG/KG	360 U UG/KG	360 U UG/KG	360 U UG/KG	390 U UG/KG	360 U UG/KG
N-NITROSO-DI-N-PROPYLAMINE	18 U UG/KG	18 U UG/KG	18 U UG/KG	18 U UG/KG	19 U UG/KG	18 U UG/KG
N-NITROSODIPHENYLAMINE	360 U UG/KG	360 U UG/KG	360 U UG/KG	360 U UG/KG	390 U UG/KG	360 U UG/KG
NAPHTHALENE	360 U UG/KG	360 U UG/KG	360 U UG/KG	360 U UG/KG	390 U UG/KG	360 U UG/KG
NITROBENZENE	360 U UG/KG	360 U UG/KG	360 U UG/KG	360 U UG/KG	390 U UG/KG	360 U UG/KG
PHENANTHRENE	360 U UG/KG	360 U UG/KG	360 U UG/KG	360 U UG/KG	390 U UG/KG	360 U UG/KG
PHENOL	360 U UG/KG	360 U UG/KG	360 U UG/KG	360 U UG/KG	390 U UG/KG	360 U UG/KG
PYRENE	360 U UG/KG	360 U UG/KG	360 U UG/KG	360 U UG/KG	390 U UG/KG	360 U UG/KG
HERBICIDES						
2,4,5-T	1.4 U UG/KG	1.4 U UG/KG	1.4 U UG/KG	1.4 U UG/KG	1.8 U UG/KG	1.4 U UG/KG
2,4,5-TP (SILVEX)	1.6 U UG/KG	1.6 U UG/KG	1.7 U UG/KG	1.7 U UG/KG	2.2 U UG/KG	1.7 U UG/KG
2,4-D	7.6 U UG/KG	7.5 U UG/KG	7.7 U UG/KG	7.7 U UG/KG	10 U UG/KG	7.7 U UG/KG
2,4-DB	4.3 U UG/KG	4.3 U UG/KG	4.4 U UG/KG	4.4 U UG/KG	5.7 U UG/KG	4.4 U UG/KG
DALAPON	8.6 U UG/KG	8.6 U UG/KG	8.8 U UG/KG	8.8 U UG/KG	11 U UG/KG	8.8 U UG/KG
DICAMBA	4.3 U UG/KG	4.3 U UG/KG	4.4 U UG/KG	4.4 U UG/KG	5.7 U UG/KG	4.4 U UG/KG
DICHLOROPROP	22 U UG/KG	21 U UG/KG	22 U UG/KG	22 U UG/KG	29 U UG/KG	22 U UG/KG
DINOSEB	4.3 U UG/KG	4.3 U UG/KG	4.4 U UG/KG	4.4 U UG/KG	5.7 U UG/KG	4.4 U UG/KG
MCPA	2200 U UG/KG	2100 U UG/KG	2200 U UG/KG	2200 U UG/KG	2900 U UG/KG	2200 U UG/KG
MCPP	1100 U UG/KG	1100 U UG/KG	1100 U UG/KG	1100 U UG/KG	1400 U UG/KG	1100 U UG/KG
PENTACHLOROPHENOL	2.2 U UG/KG	2.1 U UG/KG	2.2 U UG/KG	2.2 U UG/KG	2.9 U UG/KG	2.2 U UG/KG

SURFACE SOIL SAMPLES

SAMPLE NUMBER	NTCSSH3300	NTCSSH3400	NTCSSH3500	NTCSSH3500-D	NTCSSH3600	NTCSSH3700
SAMPLE DATE	6/29/97	6/29/97	6/29/97	6/29/97	6/29/97	6/29/97
PARAMETER	RESULTS	RESULTS	RESULTS	RESULTS	RESULTS	RESULTS
PESTICIDES/PCBS						
4,4'-DDD	1.9 U UG/KG	1.9 U UG/KG	2.0 U UG/KG	2.0 U UG/KG	15 U UG/KG	2.0 U UG/KG
4,4'-DDE	1.9 UG/KG	6.3 UG/KG	0.95 U UG/KG	0.95 U UG/KG	7.4 U UG/KG	0.95 U UG/KG
4,4'-DDT	4.3 U UG/KG	4.8 UG/KG	4.4 U UG/KG	4.4 U UG/KG	34 U UG/KG	4.4 U UG/KG
ALDRIN	3.4 U UG/KG	3.4 U UG/KG	3.4 U UG/KG	3.4 U UG/KG	27 U UG/KG	3.5 U UG/KG
ALPHA-BHC	0.75 U UG/KG	0.75 U UG/KG	0.76 U UG/KG	0.76 U UG/KG	6.0 U UG/KG	0.77 U UG/KG
ALPHA-CHLORDANE	15 UG/KG	2.7 UG/KG	0.80 U UG/KG	0.80 U UG/KG	6.3 U UG/KG	0.80 U UG/KG
AROCLOR-1016			19 U UG/KG	19 U UG/KG		
AROCLOR-1221			6.9 U UG/KG	6.9 U UG/KG		
AROCLOR-1232			15 U UG/KG	15 U UG/KG		
AROCLOR-1242			10 U UG/KG	10 U UG/KG		
AROCLOR-1248			8.0 U UG/KG	8.0 U UG/KG		
AROCLOR-1254			12 U UG/KG	12 U UG/KG		
AROCLOR-1260			17 U UG/KG	17 U UG/KG		
BETA-BHC	1.1 U UG/KG	1.1 U UG/KG	1.1 U UG/KG	1.1 U UG/KG	8.6 U UG/KG	1.1 U UG/KG
DELTA-BHC	1.3 U UG/KG	1.3 U UG/KG	1.3 U UG/KG	1.3 U UG/KG	10 U UG/KG	1.4 U UG/KG
DIELDRIN	0.93 U UG/KG	0.93 U UG/KG	0.95 U UG/KG	0.95 U UG/KG	7.4 U UG/KG	0.95 U UG/KG
ENDOSULFAN I	0.96 U UG/KG	0.96 U UG/KG	0.98 U UG/KG	0.98 U UG/KG	7.7 U UG/KG	0.98 U UG/KG
ENDOSULFAN II	1.2 U UG/KG	1.2 U UG/KG	1.2 U UG/KG	1.2 U UG/KG	9.7 U UG/KG	1.2 U UG/KG
ENDOSULFAN SULFATE	3.9 U UG/KG	3.9 U UG/KG	4.0 U UG/KG	4.0 U UG/KG	31 U UG/KG	4.0 U UG/KG
ENDRIN	1.5 U UG/KG	1.5 U UG/KG	1.6 U UG/KG	1.6 U UG/KG	12 U UG/KG	1.6 U UG/KG
ENDRIN ALDEHYDE	1.4 U UG/KG	1.4 U UG/KG	1.4 U UG/KG	1.4 U UG/KG	11 U UG/KG	1.5 U UG/KG
ENDRIN KETONE	7.1 U UG/KG	7.1 U UG/KG	7.3 U UG/KG	7.3 U UG/KG	57 U UG/KG	7.3 U UG/KG
GAMMA-BHC (LINDANE)	0.78 U UG/KG	0.78 U UG/KG	0.80 U UG/KG	0.80 U UG/KG	6.3 U UG/KG	0.80 U UG/KG
GAMMA-CHLORDANE	13 UG/KG	4.7 UG/KG	0.91 U UG/KG	0.91 U UG/KG	7.2 U UG/KG	0.91 U UG/KG
HEPTACHLOR	0.93 U UG/KG	0.93 U UG/KG	0.95 U UG/KG	0.95 U UG/KG	7.4 U UG/KG	0.95 U UG/KG
HEPTACHLOR EPOXIDE	0.96 U UG/KG	0.96 U UG/KG	0.98 U UG/KG	0.98 U UG/KG	7.7 U UG/KG	0.98 U UG/KG
METHOXYCHLOR	6.4 U UG/KG	6.4 U UG/KG	6.6 U UG/KG	6.6 U UG/KG	51 U UG/KG	6.6 U UG/KG
TOXAPHENE	71 U UG/KG	71 U UG/KG	73 U UG/KG	73 U UG/KG	570 U UG/KG	73 U UG/KG
PETROLEUM HYDROCARBONS						
DIESEL RANGE ORGANICS	10.1 MG/KG	11.1 MG/KG	43.1 MG/KG	11.5 MG/KG	36.2 MG/KG	9.1 U MG/KG
GASOLINE RANGE ORGANICS	0.11 U MG/KG	0.11 U MG/KG	0.128 MG/KG	0.11 U MG/KG	0.12 U MG/KG	0.11 U MG/KG
MISC						
CATION EX. CAPACITY						
TOTAL ORGANIC CARBON						
METALS						
ALUMINUM	873 MG/KG	515 MG/KG	998 MG/KG	956 MG/KG	1500 MG/KG	1390 MG/KG

SURFACE SOIL SAMPLES

SAMPLE NUMBER	NTCSSH3300	NTCSSH3400	NTCSSH3500	NTCSSH3500-D	NTCSSH3600	NTCSSH3700
SAMPLE DATE	6/29/97	6/29/97	6/29/97	6/29/97	6/29/97	6/29/97
PARAMETER	RESULTS	RESULTS	RESULTS	RESULTS	RESULTS	RESULTS
ANTIMONY	0.29 U MG/KG	0.29 U MG/KG	0.30 U MG/KG	0.30 U MG/KG	0.39 U MG/KG	0.30 U MG/KG
ARSENIC	0.49 U MG/KG	0.48 U MG/KG	0.49 U MG/KG	0.49 U MG/KG	0.64 U MG/KG	0.54 MG/KG
BARIUM	4.6 U MG/KG	2.4 U MG/KG	3.4 U MG/KG	3.8 U MG/KG	6.6 U MG/KG	1.4 U MG/KG
BERYLLIUM	0.04 U MG/KG	0.03 U MG/KG	0.03 U MG/KG	0.03 U MG/KG	0.08 U MG/KG	0.07 U MG/KG
CADMIUM	0.10 MG/KG	0.05 U MG/KG	0.06 U MG/KG	0.06 U MG/KG	0.07 U MG/KG	0.06 U MG/KG
CALCIUM	515 MG/KG	360 MG/KG	208 MG/KG	192 MG/KG	286 MG/KG	53.5 U MG/KG
CHROMIUM	1.9 MG/KG	2.6 MG/KG	1.3 MG/KG	1.2 MG/KG	1.8 MG/KG	2.0 MG/KG
COBALT	0.18 U MG/KG	0.18 U MG/KG	0.19 U MG/KG	0.19 U MG/KG	0.24 U MG/KG	0.19 U MG/KG
COPPER	8.7 MG/KG	1.3 MG/KG	0.30 U MG/KG	0.30 U MG/KG	4.4 MG/KG	0.30 U MG/KG
CYANIDE	1.1 UR MG/KG	1.1 UR MG/KG	1.1 UR MG/KG	1.1 UR MG/KG	1.2 UR MG/KG	1.1 UR MG/KG
IRON	116 MG/KG	439 MG/KG	92.5 MG/KG	84.0 MG/KG	600 MG/KG	718 MG/KG
LEAD	7.0 MG/KG	9.4 MG/KG	3.0 MG/KG	3.0 MG/KG	12.3 MG/KG	1.8 U MG/KG
MAGNESIUM	29.5 MG/KG	24.2 U MG/KG	21.1 U MG/KG	20.5 U MG/KG	73.0 MG/KG	22.9 U MG/KG
MANGANESE	2.4 MG/KG	2.2 MG/KG	0.53 MG/KG	0.46 U MG/KG	1.1 MG/KG	0.86 MG/KG
MERCURY	0.09 U MG/KG	0.12 MG/KG	0.09 U MG/KG	0.09 U MG/KG	0.12 U MG/KG	0.09 U MG/KG
NICKEL	0.26 MG/KG	0.41 MG/KG	0.26 MG/KG	0.22 U MG/KG	0.93 MG/KG	0.33 MG/KG
POTASSIUM	10.6 U MG/KG	10.7 MG/KG	10.8 U MG/KG	10.8 U MG/KG	44.4 MG/KG	10.8 U MG/KG
SELENIUM	0.40 U MG/KG	0.40 U MG/KG	0.40 U MG/KG	0.41 U MG/KG	0.56 MG/KG	0.41 U MG/KG
SILVER	0.22 U MG/KG	0.22 U MG/KG	0.22 U MG/KG	0.22 U MG/KG	0.29 U MG/KG	0.22 U MG/KG
SODIUM	89.3 U MG/KG	88.7 U MG/KG	90.3 U MG/KG	90.5 U MG/KG	118 U MG/KG	90.8 U MG/KG
THALLIUM	0.43 U MG/KG	0.43 U MG/KG	0.44 U MG/KG	0.44 U MG/KG	0.57 U MG/KG	0.45 MG/KG
VANADIUM	0.66 U MG/KG	1.1 U MG/KG	0.72 U MG/KG	0.72 U MG/KG	2.3 U MG/KG	1.8 U MG/KG
ZINC	14.5 MG/KG	17.2 MG/KG	0.84 U MG/KG	0.97 U MG/KG	3.4 U MG/KG	0.76 U MG/KG
RADIOLOGICAL						
GROSS ALPHA	0.158 +/- 0.074 J PCI/G	0.557 +/- 0.123 J PCI/G	0.286 +/- 0.069 J PCI/G		0.386 +/- 0.082 PCI/G	0.438 +/- 0.082 PCI/G
GROSS BETA	-0.328+/- 0.013 U PCI/G	0.096 +/- 0.069 U PCI/G	0.215 +/- 0.070 PCI/G		0.581 +/- 0.096 PCI/G	0.211 +/- 0.071 PCI/G

SAMPLE NUMBER	NTCSSH3800	NTCSSH3900	NTCSSH4000	NTCSSS1000	NTCSSS1000-D
SAMPLE DATE	6/29/97	6/29/97	6/29/97	6/29/97	6/29/97
PARAMETER	RESULTS	RESULTS	RESULTS	RESULTS	RESULTS
VOLATILES					
1,1,1-TRICHLOROETHANE	5.5 U UG/KG	5.4 U UG/KG	5.4 U UG/KG	5.8 UJ UG/KG	5.8 UJ UG/KG
1,1,2,2-TETRACHLOROETHANE	5.5 U UG/KG	5.4 U UG/KG	5.4 U UG/KG	5.8 UJ UG/KG	5.8 UJ UG/KG
1,1,2-TRICHLOROETHANE	5.5 U UG/KG	5.4 U UG/KG	5.4 U UG/KG	5.8 UJ UG/KG	5.8 UJ UG/KG
1,1-DICHLOROETHANE	5.5 U UG/KG	5.4 U UG/KG	5.4 U UG/KG	5.8 UJ UG/KG	5.8 UJ UG/KG
1,1-DICHLOROETHENE	5.5 U UG/KG	5.4 U UG/KG	5.4 U UG/KG	5.8 UJ UG/KG	5.8 UJ UG/KG
1,2-DICHLOROETHANE	5.5 U UG/KG	5.4 U UG/KG	5.4 U UG/KG	5.8 UJ UG/KG	5.8 UJ UG/KG
1,2-DICHLOROPROPANE	5.5 U UG/KG	5.4 U UG/KG	5.4 U UG/KG	5.8 UJ UG/KG	5.8 UJ UG/KG
2-BUTANONE	11 U UG/KG	11 U UG/KG	11 U UG/KG	12 UJ UG/KG	12 UJ UG/KG
2-HEXANONE	11 U UG/KG	11 U UG/KG	11 U UG/KG	12 UJ UG/KG	12 UJ UG/KG
4-METHYL-2-PENTANONE	11 U UG/KG	11 U UG/KG	11 U UG/KG	12 UJ UG/KG	12 UJ UG/KG
ACETONE	11 U UG/KG	11 U UG/KG	11 U UG/KG	12 UJ UG/KG	12 UJ UG/KG
BENZENE	5.5 U UG/KG	5.4 U UG/KG	5.4 U UG/KG	5.8 UJ UG/KG	5.8 UJ UG/KG
BROMODICHLOROMETHANE	5.5 U UG/KG	5.4 U UG/KG	5.4 U UG/KG	5.8 UJ UG/KG	5.8 UJ UG/KG
BROMOFORM	5.5 U UG/KG	5.4 U UG/KG	5.4 U UG/KG	5.8 UJ UG/KG	5.8 UJ UG/KG
BROMOMETHANE	11 U UG/KG	11 U UG/KG	11 U UG/KG	12 UJ UG/KG	12 UJ UG/KG
CARBON DISULFIDE	5.5 U UG/KG	5.4 U UG/KG	5.4 U UG/KG	5.8 UJ UG/KG	5.8 UJ UG/KG
CARBON TETRACHLORIDE	5.5 U UG/KG	5.4 U UG/KG	5.4 U UG/KG	5.8 UJ UG/KG	5.8 UJ UG/KG
CHLOROBENZENE	5.5 U UG/KG	5.4 U UG/KG	5.4 U UG/KG	5.8 UJ UG/KG	5.8 UJ UG/KG
CHLOROETHANE	5.5 U UG/KG	5.4 U UG/KG	5.4 U UG/KG	5.8 UJ UG/KG	5.8 UJ UG/KG
CHLOROFORM	5.5 U UG/KG	5.4 U UG/KG	5.4 U UG/KG	5.8 UJ UG/KG	5.8 UJ UG/KG
CHLOROMETHANE	11 U UG/KG	11 U UG/KG	11 U UG/KG	12 UJ UG/KG	12 UJ UG/KG
CIS-1,2-DICHLOROETHENE	5.5 U UG/KG	5.4 U UG/KG	5.4 U UG/KG	5.8 UJ UG/KG	5.8 UJ UG/KG
CIS-1,3-DICHLOROPROPENE	5.5 U UG/KG	5.4 U UG/KG	5.4 U UG/KG	5.8 UJ UG/KG	5.8 UJ UG/KG
DIBROMOCHLOROMETHANE	5.5 U UG/KG	5.4 U UG/KG	5.4 U UG/KG	5.8 UJ UG/KG	5.8 UJ UG/KG
ETHYLBENZENE	5.5 U UG/KG	5.4 U UG/KG	5.4 U UG/KG	5.8 UJ UG/KG	5.8 UJ UG/KG
METHYLENE CHLORIDE	5.5 U UG/KG	4.4 UG/KG	5.4 U UG/KG	5.8 UJ UG/KG	5.8 UJ UG/KG
STYRENE	5.5 U UG/KG	5.4 U UG/KG	5.4 U UG/KG	5.8 UJ UG/KG	5.8 UJ UG/KG
TETRACHLOROETHENE	5.5 U UG/KG	5.4 U UG/KG	5.4 U UG/KG	5.8 UJ UG/KG	5.8 UJ UG/KG
TOLUENE	9.0 U UG/KG	3.8 UG/KG	5.4 U UG/KG	5.8 UJ UG/KG	5.8 UJ UG/KG
TRANS-1,2-DICHLOROETHENE	5.5 U UG/KG	5.4 U UG/KG	5.4 U UG/KG	5.8 UJ UG/KG	5.8 UJ UG/KG
TRANS-1,3-DICHLOROPROPENE	5.5 U UG/KG	5.4 U UG/KG	5.4 U UG/KG	5.8 UJ UG/KG	5.8 UJ UG/KG
TRICHLOROETHENE	5.5 U UG/KG	5.4 U UG/KG	5.4 U UG/KG	5.8 UJ UG/KG	5.8 UJ UG/KG
VINYL CHLORIDE	5.5 U UG/KG	5.4 U UG/KG	5.4 U UG/KG	5.8 UJ UG/KG	5.8 UJ UG/KG
XYLENES, TOTAL	4.6 U UG/KG	2.8 UG/KG	5.4 U UG/KG	5.8 UJ UG/KG	5.8 UJ UG/KG
SEMIVOLATILES					
1,2,4-TRICHLOROBENZENE	370 U UG/KG	360 U UG/KG	360 U UG/KG	380 U UG/KG	380 U UG/KG

SAMPLE NUMBER	NTCSSH3800	NTCSSH3900	NTCSSH4000	NTCSSS1000	NTCSSS1000-D
SAMPLE DATE	6/29/97	6/29/97	6/29/97	6/29/97	6/29/97
PARAMETER	RESULTS	RESULTS	RESULTS	RESULTS	RESULTS
1,2-DICHLOROBENZENE	370 U UG/KG	360 U UG/KG	360 U UG/KG	380 U UG/KG	380 U UG/KG
1,3-DICHLOROBENZENE	370 U UG/KG	360 U UG/KG	360 U UG/KG	380 U UG/KG	380 U UG/KG
1,4-DICHLOROBENZENE	370 U UG/KG	360 U UG/KG	360 U UG/KG	380 U UG/KG	380 U UG/KG
2,4,5-TRICHLOROPHENOL	370 U UG/KG	360 U UG/KG	360 U UG/KG	380 U UG/KG	380 U UG/KG
2,4,6-TRICHLOROPHENOL	370 U UG/KG	360 U UG/KG	360 U UG/KG	380 U UG/KG	380 U UG/KG
2,4-DICHLOROPHENOL	370 U UG/KG	360 U UG/KG	360 U UG/KG	380 U UG/KG	380 U UG/KG
2,4-DIMETHYLPHENOL	920 U UG/KG	900 U UG/KG	890 U UG/KG	950 U UG/KG	950 U UG/KG
2,4-DINITROPHENOL	920 U UG/KG	900 U UG/KG	890 U UG/KG	950 U UG/KG	950 U UG/KG
2,4-DINITROTOLUENE	370 U UG/KG	360 U UG/KG	360 U UG/KG	380 U UG/KG	380 U UG/KG
2,6-DINITROTOLUENE	370 U UG/KG	360 U UG/KG	360 U UG/KG	380 U UG/KG	380 U UG/KG
2-CHLORONAPHTHALENE	370 U UG/KG	360 U UG/KG	360 U UG/KG	380 U UG/KG	380 U UG/KG
2-CHLOROPHENOL	370 U UG/KG	360 U UG/KG	360 U UG/KG	380 U UG/KG	380 U UG/KG
2-METHYLNAPHTHALENE	370 U UG/KG	360 U UG/KG	360 U UG/KG	380 U UG/KG	380 U UG/KG
2-METHYLPHENOL	370 U UG/KG	360 U UG/KG	360 U UG/KG	380 U UG/KG	380 U UG/KG
2-NITROANILINE	370 U UG/KG	360 U UG/KG	360 U UG/KG	380 U UG/KG	380 U UG/KG
2-NITROPHENOL	370 U UG/KG	360 U UG/KG	360 U UG/KG	380 U UG/KG	380 U UG/KG
3&4-METHYLPHENOL	370 U UG/KG	360 U UG/KG	360 U UG/KG	380 U UG/KG	380 U UG/KG
3,3'-DICHLOROBENZIDINE	920 U UG/KG	900 U UG/KG	890 U UG/KG	950 U UG/KG	950 U UG/KG
3-NITROANILINE	370 U UG/KG	360 U UG/KG	360 U UG/KG	380 U UG/KG	380 U UG/KG
4,6-DINITRO-2-METHYLPHENOL	370 U UG/KG	360 U UG/KG	360 U UG/KG	380 U UG/KG	380 U UG/KG
4-BROMOPHENYL PHENYL ETHER	370 U UG/KG	360 U UG/KG	360 U UG/KG	380 U UG/KG	380 U UG/KG
4-CHLORO-3-METHYLPHENOL	920 U UG/KG	900 U UG/KG	890 U UG/KG	950 U UG/KG	950 U UG/KG
4-CHLOROANILINE	370 U UG/KG	360 U UG/KG	360 U UG/KG	380 U UG/KG	380 U UG/KG
4-CHLOROPHENYL PHENYL ETHER	370 U UG/KG	360 U UG/KG	360 U UG/KG	380 U UG/KG	380 U UG/KG
4-NITROANILINE	370 U UG/KG	360 U UG/KG	360 U UG/KG	380 U UG/KG	380 U UG/KG
4-NITROPHENOL	920 U UG/KG	900 U UG/KG	890 U UG/KG	950 U UG/KG	950 U UG/KG
ACENAPHTHENE	370 U UG/KG	360 U UG/KG	360 U UG/KG	380 U UG/KG	380 U UG/KG
ACENAPHTHYLENE	370 U UG/KG	360 U UG/KG	360 U UG/KG	380 U UG/KG	380 U UG/KG
ANTHRACENE	370 U UG/KG	360 U UG/KG	360 U UG/KG	380 U UG/KG	380 U UG/KG
BENZO(A)ANTHRACENE	370 U UG/KG	360 U UG/KG	360 U UG/KG	380 U UG/KG	380 U UG/KG
BENZO(A)PYRENE	92 U UG/KG	90 U UG/KG	89 U UG/KG	95 U UG/KG	95 U UG/KG
BENZO(B)FLUORANTHENE	370 U UG/KG	360 U UG/KG	360 U UG/KG	380 U UG/KG	380 U UG/KG
BENZO(G,H,I)PERYLENE	370 U UG/KG	360 U UG/KG	360 U UG/KG	380 U UG/KG	380 U UG/KG
BENZO(K)FLUORANTHENE	370 U UG/KG	360 U UG/KG	360 U UG/KG	380 U UG/KG	380 U UG/KG
BIS(2-CHLOROETHOXY)METHANE	370 U UG/KG	360 U UG/KG	360 U UG/KG	380 U UG/KG	380 U UG/KG
BIS(2-CHLOROETHYL)ETHER	370 U UG/KG	360 U UG/KG	360 U UG/KG	380 U UG/KG	380 U UG/KG
BIS(2-CHLOROISOPROPYL) ETHER	370 U UG/KG	360 U UG/KG	360 U UG/KG	380 U UG/KG	380 U UG/KG

SAMPLE NUMBER	NTCSSH3800	NTCSSH3900	NTCSSH4000	NTCSSS1000	NTCSSS1000-D
SAMPLE DATE	6/29/97	6/29/97	6/29/97	6/29/97	6/29/97
PARAMETER	RESULTS	RESULTS	RESULTS	RESULTS	RESULTS
BIS(2-ETHYLHEXYL)PHTHALATE	370 U UG/KG	360 U UG/KG	360 U UG/KG	380 U UG/KG	380 U UG/KG
BUTYLBENZYL PHTHALATE	370 U UG/KG	360 U UG/KG	360 U UG/KG	380 U UG/KG	380 U UG/KG
CARBAZOLE	370 U UG/KG	360 U UG/KG	360 U UG/KG	380 U UG/KG	380 U UG/KG
CHRYSENE	370 U UG/KG	360 U UG/KG	360 U UG/KG	380 U UG/KG	380 U UG/KG
DI-N-BUTYL PHTHALATE	370 U UG/KG	360 U UG/KG	360 U UG/KG	380 U UG/KG	380 U UG/KG
DI-N-OCTYL PHTHALATE	370 U UG/KG	360 U UG/KG	360 U UG/KG	380 U UG/KG	380 U UG/KG
DIBENZO(A,H)ANTHRACENE	92 U UG/KG	90 U UG/KG	89 U UG/KG	95 U UG/KG	95 U UG/KG
DIBENZOFURAN	370 U UG/KG	360 U UG/KG	360 U UG/KG	380 U UG/KG	380 U UG/KG
DIETHYL PHTHALATE	370 U UG/KG	360 U UG/KG	360 U UG/KG	380 U UG/KG	380 U UG/KG
DIMETHYL PHTHALATE	370 U UG/KG	360 U UG/KG	360 U UG/KG	380 U UG/KG	380 U UG/KG
FLUORANTHENE	370 U UG/KG	360 U UG/KG	360 U UG/KG	380 U UG/KG	380 U UG/KG
FLUORENE	370 U UG/KG	360 U UG/KG	360 U UG/KG	380 U UG/KG	380 U UG/KG
HEXACHLOROBENZENE	370 U UG/KG	360 U UG/KG	360 U UG/KG	380 U UG/KG	380 U UG/KG
HEXACHLOROBUTADIENE	370 U UG/KG	360 U UG/KG	360 U UG/KG	380 U UG/KG	380 U UG/KG
HEXACHLOROCYCLOPENTADIENE	370 U UG/KG	360 U UG/KG	360 U UG/KG	380 U UG/KG	380 U UG/KG
HEXACHLOROETHANE	370 U UG/KG	360 U UG/KG	360 U UG/KG	380 U UG/KG	380 U UG/KG
INDENO(1,2,3-CD)PYRENE	370 U UG/KG	360 U UG/KG	360 U UG/KG	380 U UG/KG	380 U UG/KG
ISOPHORONE	370 U UG/KG	360 U UG/KG	360 U UG/KG	380 U UG/KG	380 U UG/KG
N-NITROSO-DI-N-PROPYLAMINE	18 U UG/KG	18 U UG/KG	18 U UG/KG	19 U UG/KG	19 U UG/KG
N-NITROSODIPHENYLAMINE	370 U UG/KG	360 U UG/KG	360 U UG/KG	380 U UG/KG	380 U UG/KG
NAPHTHALENE	370 U UG/KG	360 U UG/KG	360 U UG/KG	380 U UG/KG	380 U UG/KG
NITROBENZENE	370 U UG/KG	360 U UG/KG	360 U UG/KG	380 U UG/KG	380 U UG/KG
PHENANTHRENE	370 U UG/KG	360 U UG/KG	360 U UG/KG	380 U UG/KG	380 U UG/KG
PHENOL	370 U UG/KG	360 U UG/KG	360 U UG/KG	380 U UG/KG	380 U UG/KG
PYRENE	370 U UG/KG	360 U UG/KG	360 U UG/KG	380 U UG/KG	380 U UG/KG
HERBICIDES					
2,4,5-T	1.4 U UG/KG	1.4 U UG/KG	1.4 U UG/KG	1.5 U UG/KG	1.5 U UG/KG
2,4,5-TP (SILVEX)	1.7 U UG/KG	1.6 U UG/KG	1.6 U UG/KG	1.8 U UG/KG	1.7 U UG/KG
2,4-D	7.7 U UG/KG	7.5 U UG/KG	7.4 U UG/KG	8.2 U UG/KG	8 U UG/KG
2,4-DB	4.4 U UG/KG	4.3 U UG/KG	4.2 U UG/KG	4.7 U UG/KG	4.6 U UG/KG
DALAPON	8.8 U UG/KG	8.6 U UG/KG	8.5 U UG/KG	9.3 U UG/KG	9.2 U UG/KG
DICAMBA	4.4 U UG/KG	4.3 U UG/KG	4.2 U UG/KG	4.7 U UG/KG	4.6 U UG/KG
DICHLOROPROP	22 U UG/KG	21 U UG/KG	21 U UG/KG	23 U UG/KG	23 U UG/KG
DINOSEB	4.4 U UG/KG	4.3 U UG/KG	4.2 U UG/KG	4.7 U UG/KG	4.6 U UG/KG
MCPA	2200 U UG/KG	2100 U UG/KG	2100 U UG/KG	2300 U UG/KG	2300 U UG/KG
MCPP	1100 U UG/KG	1100 U UG/KG	1100 U UG/KG	1200 U UG/KG	1200 U UG/KG
PENTACHLOROPHENOL	2.2 U UG/KG	2.1 U UG/KG	2.1 U UG/KG	2.3 U UG/KG	2.3 U UG/KG

SURFACE SOIL SAMPLES

SAMPLE NUMBER	NTCSSH3800	NTCSSH3900	NTCSSH4000	NTCSSS1000	NTCSSS1000-D
SAMPLE DATE	6/29/97	6/29/97	6/29/97	6/29/97	6/29/97
PARAMETER	RESULTS	RESULTS	RESULTS	RESULTS	RESULTS
PESTICIDES/PCBS					
4,4'-DDD	2.0 U UG/KG	1.9 U UG/KG	1.9 U UG/KG	2.1 U UG/KG	2.1 U UG/KG
4,4'-DDE	0.95 U UG/KG	0.93 U UG/KG	0.92 U UG/KG	1.0 U UG/KG	1.0 U UG/KG
4,4'-DDT	4.4 U UG/KG	4.3 U UG/KG	4.2 U UG/KG	4.7 U UG/KG	4.6 U UG/KG
ALDRIN	3.5 U UG/KG	3.4 U UG/KG	3.4 U UG/KG	3.7 U UG/KG	3.6 U UG/KG
ALPHA-BHC	0.77 U UG/KG	0.75 U UG/KG	0.74 U UG/KG	0.82 U UG/KG	0.80 U UG/KG
ALPHA-CHLORDANE	0.80 U UG/KG	0.79 U UG/KG	0.78 U UG/KG	0.86 U UG/KG	0.84 U UG/KG
AROCLOR-1016					20 U UG/KG
AROCLOR-1221					7.3 U UG/KG
AROCLOR-1232					16 U UG/KG
AROCLOR-1242					11 U UG/KG
AROCLOR-1248					8.4 U UG/KG
AROCLOR-1254					13 U UG/KG
AROCLOR-1260					18 U UG/KG
BETA-BHC	1.1 U UG/KG	1.1 U UG/KG	1.1 U UG/KG	1.2 U UG/KG	1.1 U UG/KG
DELTA-BHC	1.4 U UG/KG	1.3 U UG/KG	1.3 U UG/KG	1.4 U UG/KG	1.4 U UG/KG
DIELDRIN	0.95 U UG/KG	0.93 U UG/KG	0.92 U UG/KG	1.0 U UG/KG	1.0 U UG/KG
ENDOSULFAN I	0.98 U UG/KG	0.97 U UG/KG	0.96 U UG/KG	1.0 U UG/KG	1.0 U UG/KG
ENDOSULFAN II	1.2 U UG/KG	1.2 U UG/KG	1.2 U UG/KG	1.3 U UG/KG	1.3 U UG/KG
ENDOSULFAN SULFATE	4.0 U UG/KG	3.9 U UG/KG	3.9 U UG/KG	4.3 U UG/KG	4.2 U UG/KG
ENDRIN	1.6 U UG/KG	1.5 U UG/KG	1.5 U UG/KG	1.7 U UG/KG	1.6 U UG/KG
ENDRIN ALDEHYDE	1.5 U UG/KG	1.4 U UG/KG	1.4 U UG/KG	1.6 U UG/KG	1.5 U UG/KG
ENDRIN KETONE	7.3 U UG/KG	7.2 U UG/KG	7.1 U UG/KG	7.8 U UG/KG	7.7 U UG/KG
GAMMA-BHC (LINDANE)	0.80 U UG/KG	0.79 U UG/KG	0.78 U UG/KG	0.86 U UG/KG	0.84 U UG/KG
GAMMA-CHLORDANE	0.91 U UG/KG	0.90 U UG/KG	0.88 U UG/KG	0.97 U UG/KG	0.96 U UG/KG
HEPTACHLOR	0.95 U UG/KG	0.93 U UG/KG	0.92 U UG/KG	1.0 U UG/KG	1.0 U UG/KG
HEPTACHLOR EPOXIDE	0.98 U UG/KG	0.97 U UG/KG	0.96 U UG/KG	1.0 U UG/KG	1.0 U UG/KG
METHOXYCHLOR	6.6 U UG/KG	6.4 U UG/KG	6.4 U UG/KG	7.0 U UG/KG	6.9 U UG/KG
TOXAPHENE	73 U UG/KG	72 U UG/KG	71 U UG/KG	78 U UG/KG	77 U UG/KG
PETROLEUM HYDROCARBONS					
DIESEL RANGE ORGANICS	11.9 MG/KG	12.9 MG/KG	8.9 U MG/KG	8.34 MG/KG	9.5 U MG/KG
GASOLINE RANGE ORGANICS	0.11 U MG/KG	0.11 U MG/KG	0.11 U MG/KG	0.12 U MG/KG	0.11 U MG/KG
MISC					
CATION EX. CAPACITY		750 MG/KG			
TOTAL ORGANIC CARBON		29600 MG/KG			
METALS					
ALUMINUM	548 MG/KG	230 MG/KG	58.4 MG/KG	2980 MG/KG	2080 MG/KG

SURFACE SOIL SAMPLES

SAMPLE NUMBER	NTCSSH3800	NTCSSH3900	NTCSSH4000	NTCSSS1000	NTCSSS1000-D
SAMPLE DATE	6/29/97	6/29/97	6/29/97	6/29/97	6/29/97
PARAMETER	RESULTS	RESULTS	RESULTS	RESULTS	RESULTS
ANTIMONY	0.30 U MG/KG	0.29 U MG/KG	0.29 U MG/KG	0.32 U MG/KG	0.31 U MG/KG
ARSENIC	0.50 U MG/KG	0.48 U MG/KG	0.48 U MG/KG	0.98 MG/KG	0.65 MG/KG
BARIUM	2.7 U MG/KG	1.1 U MG/KG	1.1 U MG/KG	8.0 U MG/KG	5.8 U MG/KG
BERYLLIUM	0.02 U MG/KG	0.02 U MG/KG	0.02 U MG/KG	0.13 U MG/KG	0.09 U MG/KG
CADMIUM	0.06 U MG/KG	0.05 U MG/KG	0.05 U MG/KG	0.06 U MG/KG	0.06 U MG/KG
CALCIUM	213 MG/KG	58.4 MG/KG	78.2 MG/KG	668 MG/KG	670 MG/KG
CHROMIUM	1.0 MG/KG	0.73 MG/KG	0.21 MG/KG	3.9 MG/KG	2.6 MG/KG
COBALT	0.19 U MG/KG	0.18 U MG/KG	0.18 U MG/KG	0.20 U MG/KG	0.20 U MG/KG
COPPER	0.30 U MG/KG	0.29 U MG/KG	0.29 U MG/KG	0.78 MG/KG	0.77 MG/KG
CYANIDE	1.1 UR MG/KG	1.1 UR MG/KG	1.1 UR MG/KG	1.1 UR MG/KG	1.1 UR MG/KG
IRON	101 MG/KG	23.1 MG/KG	19.7 MG/KG	538 MG/KG	467 MG/KG
LEAD	2.6 MG/KG	1.4 U MG/KG	1.1 U MG/KG	4.3 MG/KG	3.3 MG/KG
MAGNESIUM	14.3 U MG/KG	6.4 U MG/KG	7.5 U MG/KG	83.1 MG/KG	75.4 MG/KG
MANGANESE	0.50 U MG/KG	0.35 U MG/KG	0.40 U MG/KG	2.3 MG/KG	2.1 MG/KG
MERCURY	0.09 U MG/KG	0.09 U MG/KG	0.09 U MG/KG	0.10 MG/KG	0.09 U MG/KG
NICKEL	0.34 MG/KG	0.22 U MG/KG	0.21 U MG/KG	0.96 MG/KG	0.68 MG/KG
POTASSIUM	10.8 U MG/KG	10.6 U MG/KG	10.6 U MG/KG	40.4 MG/KG	33.5 MG/KG
SELENIUM	0.41 U MG/KG	0.40 U MG/KG	0.40 U MG/KG	0.43 U MG/KG	0.43 U MG/KG
SILVER	0.22 U MG/KG	0.22 U MG/KG	0.21 U MG/KG	0.23 U MG/KG	0.23 U MG/KG
SODIUM	91.0 U MG/KG	88.9 U MG/KG	88.4 U MG/KG	96.7 U MG/KG	95.2 U MG/KG
THALLIUM	0.44 U MG/KG	0.43 U MG/KG	0.43 U MG/KG	0.47 U MG/KG	0.46 U MG/KG
VANADIUM	0.70 U MG/KG	0.29 U MG/KG	0.18 U MG/KG	2.2 MG/KG	1.7 U MG/KG
ZINC	0.66 U MG/KG	0.75 U MG/KG	2.1 U MG/KG	3.8 U MG/KG	3.1 U MG/KG
RADIOLOGICAL					
GROSS ALPHA	0.417 +/- 0.077 PCI/G	0.153 +/- 0.050 PCI/G	0.111 +/- 0.043 PCI/G	1.61 +/- 0.225 PCI/G	0.855 +/- 0.14 PCI/G
GROSS BETA	0.257 +/- 0.071 PCI/G	0.048 +/- 0.060 U PCI/G	0.469 +/- 0.087 PCI/G	0.733 +/- 0.115 PCI/G	0.406 +/- 0.083 PCI/G

SURFACE SOIL SAMPLES

SAMPLE NUMBER	NTCSSS1100	NTCSSS1200	NTCSSS2000	NTCSSS2100	NTCSSS2200
SAMPLE DATE	6/29/97	6/29/97	6/29/97	6/29/97	6/29/97
PARAMETER	RESULTS	RESULTS	RESULTS	RESULTS	RESULTS
VOLATILES					
1,1,1-TRICHLOROETHANE	5.8 U UG/KG	6.0 U UG/KG	5.7 UJ UG/KG	5.7 U UG/KG	5.6 U UG/KG
1,1,2,2-TETRACHLOROETHANE	5.8 U UG/KG	6.0 U UG/KG	5.7 U UG/KG	5.7 UJ UG/KG	5.6 U UG/KG
1,1,2-TRICHLOROETHANE	5.8 U UG/KG	6.0 U UG/KG	5.7 UJ UG/KG	5.7 U UG/KG	5.6 U UG/KG
1,1-DICHLOROETHANE	5.8 U UG/KG	6.0 U UG/KG	5.7 U UG/KG	5.7 U UG/KG	5.6 U UG/KG
1,1-DICHLOROETHENE	5.8 U UG/KG	6.0 U UG/KG	5.7 U UG/KG	5.7 U UG/KG	5.6 U UG/KG
1,2-DICHLOROETHANE	5.8 U UG/KG	6.0 U UG/KG	5.7 U UG/KG	5.7 U UG/KG	5.6 U UG/KG
1,2-DICHLOROPROPANE	5.8 U UG/KG	6.0 U UG/KG	5.7 UJ UG/KG	5.7 U UG/KG	5.6 U UG/KG
2-BUTANONE	12 U UG/KG	12 UR UG/KG	11 U UG/KG	11 U UG/KG	11 UR UG/KG
2-HEXANONE	12 U UG/KG	12 U UG/KG	11 U UG/KG	11 U UG/KG	11 U UG/KG
4-METHYL-2-PENTANONE	12 U UG/KG	12 U UG/KG	11 U UG/KG	11 U UG/KG	11 U UG/KG
ACETONE	12 UR UG/KG	12 UR UG/KG	11 U UG/KG	11 UR UG/KG	11 UR UG/KG
BENZENE	5.8 U UG/KG	6.0 U UG/KG	5.7 UJ UG/KG	5.7 U UG/KG	5.6 U UG/KG
BROMODICHLOROMETHANE	5.8 U UG/KG	6.0 U UG/KG	5.7 UJ UG/KG	5.7 U UG/KG	5.6 U UG/KG
BROMOFORM	5.8 U UG/KG	6.0 U UG/KG	5.7 UJ UG/KG	5.7 U UG/KG	5.6 U UG/KG
BROMOMETHANE	12 U UG/KG	12 U UG/KG	11 U UG/KG	11 U UG/KG	11 U UG/KG
CARBON DISULFIDE	5.8 U UG/KG	6.0 U UG/KG	5.7 U UG/KG	5.7 U UG/KG	5.6 U UG/KG
CARBON TETRACHLORIDE	5.8 U UG/KG	6.0 U UG/KG	5.7 UJ UG/KG	5.7 U UG/KG	5.6 U UG/KG
CHLOROBENZENE	5.8 U UG/KG	6.0 U UG/KG	5.7 U UG/KG	5.7 U UG/KG	5.6 U UG/KG
CHLOROETHANE	5.8 U UG/KG	6.0 U UG/KG	5.7 U UG/KG	5.7 U UG/KG	5.6 U UG/KG
CHLOROFORM	5.8 U UG/KG	6.0 U UG/KG	5.7 U UG/KG	5.7 U UG/KG	5.6 U UG/KG
CHLOROMETHANE	12 U UG/KG	12 U UG/KG	11 U UG/KG	11 U UG/KG	11 U UG/KG
CIS-1,2-DICHLOROETHENE	5.8 U UG/KG	6.0 U UG/KG	5.7 U UG/KG	5.7 U UG/KG	5.6 U UG/KG
CIS-1,3-DICHLOROPROPENE	5.8 U UG/KG	6.0 U UG/KG	5.7 UJ UG/KG	5.7 U UG/KG	5.6 U UG/KG
DIBROMOCHLOROMETHANE	5.8 U UG/KG	6.0 U UG/KG	5.7 UJ UG/KG	5.7 U UG/KG	5.6 U UG/KG
ETHYLBENZENE	5.8 U UG/KG	6.0 U UG/KG	5.7 U UG/KG	5.7 U UG/KG	5.6 U UG/KG
METHYLENE CHLORIDE	5.8 U UG/KG	6.0 U UG/KG	5.7 U UG/KG	5.7 U UG/KG	5.6 U UG/KG
STYRENE	5.8 U UG/KG	6.0 U UG/KG	5.7 U UG/KG	5.7 U UG/KG	5.6 U UG/KG
TETRACHLOROETHENE	5.8 U UG/KG	6.0 U UG/KG	5.7 U UG/KG	5.7 U UG/KG	5.6 U UG/KG
TOLUENE	5.8 U UG/KG	6.0 U UG/KG	7.4 UG/KG	5.7 U UG/KG	5.6 U UG/KG
TRANS-1,2-DICHLOROETHENE	5.8 U UG/KG	6.0 U UG/KG	5.7 U UG/KG	5.7 U UG/KG	5.6 U UG/KG
TRANS-1,3-DICHLOROPROPENE	5.8 U UG/KG	6.0 U UG/KG	5.7 UJ UG/KG	5.7 U UG/KG	5.6 U UG/KG
TRICHLOROETHENE	5.8 U UG/KG	6.0 U UG/KG	5.7 UJ UG/KG	5.7 U UG/KG	5.6 U UG/KG
VINYL CHLORIDE	5.8 U UG/KG	6.0 U UG/KG	5.7 U UG/KG	5.7 U UG/KG	5.6 U UG/KG
XYLENES, TOTAL	5.8 U UG/KG	6.0 U UG/KG	7.8 UG/KG	5.7 U UG/KG	5.6 U UG/KG
SEMIVOLATILES					
1,2,4-TRICHLOROBENZENE	410 U UG/KG	400 U UG/KG	380 U UG/KG	380 U UG/KG	380 U UG/KG

SAMPLE NUMBER	NTCSSS1100	NTCSSS1200	NTCSSS2000	NTCSSS2100	NTCSSS2200
SAMPLE DATE	6/29/97	6/29/97	6/29/97	6/29/97	6/29/97
PARAMETER	RESULTS	RESULTS	RESULTS	RESULTS	RESULTS
1,2-DICHLOROBENZENE	410 U UG/KG	400 U UG/KG	380 U UG/KG	380 U UG/KG	380 U UG/KG
1,3-DICHLOROBENZENE	410 U UG/KG	400 U UG/KG	380 U UG/KG	380 U UG/KG	380 U UG/KG
1,4-DICHLOROBENZENE	410 U UG/KG	400 U UG/KG	380 U UG/KG	380 U UG/KG	380 U UG/KG
2,4,5-TRICHLOROPHENOL	410 U UG/KG	400 U UG/KG	380 U UG/KG	380 U UG/KG	380 U UG/KG
2,4,6-TRICHLOROPHENOL	410 U UG/KG	400 U UG/KG	380 U UG/KG	380 U UG/KG	380 U UG/KG
2,4-DICHLOROPHENOL	410 U UG/KG	400 U UG/KG	380 U UG/KG	380 U UG/KG	380 U UG/KG
2,4-DIMETHYLPHENOL	1000 U UG/KG	1000 U UG/KG	960 U UG/KG	960 U UG/KG	950 U UG/KG
2,4-DINITROPHENOL	1000 U UG/KG	1000 U UG/KG	960 U UG/KG	960 U UG/KG	950 U UG/KG
2,4-DINITROTOLUENE	410 U UG/KG	400 U UG/KG	380 U UG/KG	380 U UG/KG	380 U UG/KG
2,6-DINITROTOLUENE	410 U UG/KG	400 U UG/KG	380 U UG/KG	380 U UG/KG	380 U UG/KG
2-CHLORONAPHTHALENE	410 U UG/KG	400 U UG/KG	380 U UG/KG	380 U UG/KG	380 U UG/KG
2-CHLOROPHENOL	410 U UG/KG	400 U UG/KG	380 U UG/KG	380 U UG/KG	380 U UG/KG
2-METHYLNAPHTHALENE	410 U UG/KG	400 U UG/KG	380 U UG/KG	380 U UG/KG	380 U UG/KG
2-METHYLPHENOL	410 U UG/KG	400 U UG/KG	380 U UG/KG	380 U UG/KG	380 U UG/KG
2-NITROANILINE	410 U UG/KG	400 U UG/KG	380 U UG/KG	380 U UG/KG	380 U UG/KG
2-NITROPHENOL	410 U UG/KG	400 U UG/KG	380 U UG/KG	380 U UG/KG	380 U UG/KG
3&4-METHYLPHENOL	410 U UG/KG	400 U UG/KG	380 U UG/KG	380 U UG/KG	380 U UG/KG
3,3'-DICHLOROBENZIDINE	1000 U UG/KG	1000 UJ UG/KG	960 U UG/KG	960 U UG/KG	950 UJ UG/KG
3-NITROANILINE	410 U UG/KG	400 U UG/KG	380 U UG/KG	380 U UG/KG	380 U UG/KG
4,6-DINITRO-2-METHYLPHENOL	410 U UG/KG	400 U UG/KG	380 U UG/KG	380 U UG/KG	380 U UG/KG
4-BROMOPHENYL PHENYL ETHER	410 U UG/KG	400 U UG/KG	380 U UG/KG	380 U UG/KG	380 U UG/KG
4-CHLORO-3-METHYLPHENOL	1000 U UG/KG	1000 U UG/KG	960 U UG/KG	960 U UG/KG	950 U UG/KG
4-CHLOROANILINE	410 U UG/KG	400 U UG/KG	380 U UG/KG	380 U UG/KG	380 U UG/KG
4-CHLOROPHENYL PHENYL ETHER	410 U UG/KG	400 U UG/KG	380 U UG/KG	380 U UG/KG	380 U UG/KG
4-NITROANILINE	410 U UG/KG	400 U UG/KG	380 U UG/KG	380 U UG/KG	380 U UG/KG
4-NITROPHENOL	1000 U UG/KG	1000 U UG/KG	960 U UG/KG	960 U UG/KG	950 U UG/KG
ACENAPHTHENE	410 U UG/KG	400 U UG/KG	380 U UG/KG	380 U UG/KG	380 U UG/KG
ACENAPHTHYLENE	410 U UG/KG	400 U UG/KG	380 U UG/KG	380 U UG/KG	380 U UG/KG
ANTHRACENE	410 U UG/KG	400 U UG/KG	380 U UG/KG	380 U UG/KG	380 U UG/KG
BENZO(A)ANTHRACENE	410 U UG/KG	400 UJ UG/KG	380 U UG/KG	380 U UG/KG	380 UJ UG/KG
BENZO(A)PYRENE	100 U UG/KG	100 U UG/KG	96 U UG/KG	96 U UG/KG	95 U UG/KG
BENZO(B)FLUORANTHENE	410 U UG/KG	400 U UG/KG	380 U UG/KG	380 U UG/KG	380 U UG/KG
BENZO(G,H,I)PERYLENE	410 U UG/KG	400 U UG/KG	380 U UG/KG	380 U UG/KG	380 U UG/KG
BENZO(K)FLUORANTHENE	410 U UG/KG	400 U UG/KG	380 U UG/KG	380 U UG/KG	380 U UG/KG
BIS(2-CHLOROETHOXY)METHANE	410 U UG/KG	400 U UG/KG	380 U UG/KG	380 U UG/KG	380 U UG/KG
BIS(2-CHLOROETHYL)ETHER	410 U UG/KG	400 U UG/KG	380 U UG/KG	380 U UG/KG	380 U UG/KG
BIS(2-CHLOROISOPROPYL) ETHER	410 U UG/KG	400 U UG/KG	380 U UG/KG	380 U UG/KG	380 U UG/KG

SURFACE SOIL SAMPLES

SAMPLE NUMBER	NTCSSS1100	NTCSSS1200	NTCSSS2000	NTCSSS2100	NTCSSS2200
SAMPLE DATE	6/29/97	6/29/97	6/29/97	6/29/97	6/29/97
PARAMETER	RESULTS	RESULTS	RESULTS	RESULTS	RESULTS
BIS(2-ETHYLHEXYL)PHTHALATE	410 U UG/KG	400 UJ UG/KG	380 U UG/KG	380 U UG/KG	380 UJ UG/KG
BUTYLBENZYL PHTHALATE	410 U UG/KG	400 UJ UG/KG	380 U UG/KG	380 U UG/KG	380 UJ UG/KG
CARBAZOLE	410 U UG/KG	400 U UG/KG	380 U UG/KG	380 U UG/KG	380 U UG/KG
CHRYSENE	410 U UG/KG	400 UJ UG/KG	380 U UG/KG	380 U UG/KG	380 UJ UG/KG
DI-N-BUTYL PHTHALATE	410 U UG/KG	400 U UG/KG	380 U UG/KG	380 U UG/KG	380 U UG/KG
DI-N-OCTYL PHTHALATE	410 U UG/KG	400 U UG/KG	380 U UG/KG	380 U UG/KG	380 U UG/KG
DIBENZO(A,H)ANTHRACENE	100 U UG/KG	100 U UG/KG	96 U UG/KG	96 U UG/KG	95 U UG/KG
DIBENZOFURAN	410 U UG/KG	400 U UG/KG	380 U UG/KG	380 U UG/KG	380 U UG/KG
DIETHYL PHTHALATE	410 U UG/KG	400 U UG/KG	380 U UG/KG	380 U UG/KG	380 U UG/KG
DIMETHYL PHTHALATE	410 U UG/KG	400 U UG/KG	380 U UG/KG	380 U UG/KG	380 U UG/KG
FLUORANTHENE	410 U UG/KG	400 U UG/KG	380 U UG/KG	380 U UG/KG	380 U UG/KG
FLUORENE	410 U UG/KG	400 U UG/KG	380 U UG/KG	380 U UG/KG	380 U UG/KG
HEXACHLOROBENZENE	410 U UG/KG	400 U UG/KG	380 U UG/KG	380 U UG/KG	380 U UG/KG
HEXACHLOROBUTADIENE	410 U UG/KG	400 U UG/KG	380 U UG/KG	380 U UG/KG	380 U UG/KG
HEXACHLOROCYCLOPENTADIENE	410 U UG/KG	400 U UG/KG	380 U UG/KG	380 U UG/KG	380 U UG/KG
HEXACHLOROETHANE	410 U UG/KG	400 U UG/KG	380 U UG/KG	380 U UG/KG	380 U UG/KG
INDENO(1,2,3-CD)PYRENE	410 U UG/KG	400 U UG/KG	380 U UG/KG	380 U UG/KG	380 U UG/KG
ISOPHORONE	410 U UG/KG	400 U UG/KG	380 U UG/KG	380 U UG/KG	380 U UG/KG
N-NITROSO-DI-N-PROPYLAMINE	20 U UG/KG	20 U UG/KG	19 U UG/KG	19 U UG/KG	19 U UG/KG
N-NITROSODIPHENYLAMINE	410 U UG/KG	400 U UG/KG	380 U UG/KG	380 U UG/KG	380 U UG/KG
NAPHTHALENE	410 U UG/KG	400 U UG/KG	380 U UG/KG	380 U UG/KG	380 U UG/KG
NITROBENZENE	410 U UG/KG	400 U UG/KG	380 U UG/KG	380 U UG/KG	380 U UG/KG
PHENANTHRENE	410 U UG/KG	400 U UG/KG	380 U UG/KG	380 U UG/KG	380 U UG/KG
PHENOL	410 U UG/KG	400 U UG/KG	380 U UG/KG	380 U UG/KG	380 U UG/KG
PYRENE	410 U UG/KG	400 U UG/KG	380 U UG/KG	380 U UG/KG	380 U UG/KG
HERBICIDES					
2,4,5-T	1.5 U UG/KG	1.6 U UG/KG	1.5 U UG/KG	1.5 U UG/KG	1.5 U UG/KG
2,4,5-TP (SILVEX)	1.8 U UG/KG	1.8 U UG/KG	1.7 U UG/KG	1.7 U UG/KG	1.7 U UG/KG
2,4-D	8.1 U UG/KG	8.4 U UG/KG	8 U UG/KG	8 U UG/KG	7.9 U UG/KG
2,4-DB	4.6 U UG/KG	4.8 U UG/KG	4.6 U UG/KG	4.6 U UG/KG	4.5 U UG/KG
DALAPON	9.2 U UG/KG	9.6 U UG/KG	9.2 U UG/KG	9.1 U UG/KG	9 U UG/KG
DICAMBA	4.6 U UG/KG	4.8 U UG/KG	4.6 U UG/KG	4.6 U UG/KG	4.5 U UG/KG
DICHLOROPROP	23 U UG/KG	24 U UG/KG	23 U UG/KG	23 U UG/KG	22 U UG/KG
DINOSEB	4.6 U UG/KG	4.8 U UG/KG	4.6 U UG/KG	4.6 U UG/KG	4.5 U UG/KG
MCPA	2300 U UG/KG	2400 U UG/KG	2300 U UG/KG	2300 U UG/KG	2200 U UG/KG
MCPP	1200 U UG/KG	1200 U UG/KG	1200 U UG/KG	1100 U UG/KG	1100 U UG/KG
PENTACHLOROPHENOL	2.3 U UG/KG	2.4 U UG/KG	2.3 U UG/KG	2.3 U UG/KG	2.2 U UG/KG

SURFACE SOIL SAMPLES

SAMPLE NUMBER	NTCSSS1100	NTCSSS1200	NTCSSS2000	NTCSSS2100	NTCSSS2200
SAMPLE DATE	6/29/97	6/29/97	6/29/97	6/29/97	6/29/97
PARAMETER	RESULTS	RESULTS	RESULTS	RESULTS	RESULTS
PESTICIDES/PCBS					
4,4'-DDD	2.1 U UG/KG	2.2 U UG/KG	2.0 U UG/KG	2.0 U UG/KG	1.9 U UG/KG
4,4'-DDE	1.0 U UG/KG	1.0 U UG/KG	5.2 UG/KG	0.98 U UG/KG	4.4 UG/KG
4,4'-DDT	4.6 U UG/KG	4.8 U UG/KG	4.5 U UG/KG	4.5 U UG/KG	4.3 U UG/KG
ALDRIN	3.7 U UG/KG	3.8 U UG/KG	3.6 U UG/KG	3.6 U UG/KG	3.4 U UG/KG
ALPHA-BHC	0.81 U UG/KG	0.84 U UG/KG	0.79 U UG/KG	0.79 U UG/KG	0.75 U UG/KG
ALPHA-CHLORDANE	0.85 U UG/KG	0.88 U UG/KG	0.83 U UG/KG	0.83 U UG/KG	0.79 U UG/KG
AROCLOR-1016					
AROCLOR-1221					
AROCLOR-1232					
AROCLOR-1242					
AROCLOR-1248					
AROCLOR-1254					
AROCLOR-1260					
BETA-BHC	1.2 U UG/KG	1.2 U UG/KG	1.1 U UG/KG	1.1 U UG/KG	1.1 U UG/KG
DELTA-BHC	1.4 U UG/KG	1.5 U UG/KG	1.4 U UG/KG	1.4 U UG/KG	1.3 U UG/KG
DIELDRIN	1.0 U UG/KG	1.0 U UG/KG	0.98 U UG/KG	0.98 U UG/KG	0.93 U UG/KG
ENDOSULFAN I	1.0 U UG/KG	1.1 U UG/KG	1.0 U UG/KG	1.0 U UG/KG	0.97 U UG/KG
ENDOSULFAN II	1.3 U UG/KG	1.4 U UG/KG	1.3 U UG/KG	1.3 U UG/KG	1.2 U UG/KG
ENDOSULFAN SULFATE	4.2 U UG/KG	4.4 U UG/KG	4.2 U UG/KG	4.2 U UG/KG	3.9 U UG/KG
ENDRIN	1.6 U UG/KG	1.7 U UG/KG	1.6 U UG/KG	1.6 U UG/KG	1.5 U UG/KG
ENDRIN ALDEHYDE	1.5 U UG/KG	1.6 U UG/KG	1.5 U UG/KG	1.5 U UG/KG	1.4 U UG/KG
ENDRIN KETONE	7.7 U UG/KG	8.0 U UG/KG	7.6 U UG/KG	7.6 U UG/KG	7.2 U UG/KG
GAMMA-BHC (LINDANE)	0.85 U UG/KG	0.88 U UG/KG	0.83 U UG/KG	0.83 U UG/KG	0.79 U UG/KG
GAMMA-CHLORDANE	0.96 U UG/KG	1.0 U UG/KG	0.94 U UG/KG	0.94 U UG/KG	0.90 U UG/KG
HEPTACHLOR	1.0 U UG/KG	1.0 U UG/KG	0.98 U UG/KG	0.98 U UG/KG	0.93 U UG/KG
HEPTACHLOR EPOXIDE	1.0 U UG/KG	1.1 U UG/KG	1.0 U UG/KG	1.0 U UG/KG	0.97 U UG/KG
METHOXYCHLOR	6.9 U UG/KG	7.2 U UG/KG	6.8 U UG/KG	6.8 U UG/KG	6.5 U UG/KG
TOXAPHENE	77 U UG/KG	80 U UG/KG	76 U UG/KG	76 U UG/KG	72 U UG/KG
PETROLEUM HYDROCARBONS					
DIESEL RANGE ORGANICS	9.97 J MG/KG	12.7 MG/KG	8.16 J MG/KG	9.6 U MG/KG	9.5 U MG/KG
GASOLINE RANGE ORGANICS	0.12 U MG/KG	0.12 U MG/KG	0.12 U MG/KG	0.12 U MG/KG	0.11 U MG/KG
MISC					
CATION EX. CAPACITY			978 MG/KG		
TOTAL ORGANIC CARBON			14700 MG/KG		
METALS					
ALUMINUM	3430 MG/KG	1210 MG/KG	3510 MG/KG	2030 MG/KG	2800 MG/KG

SURFACE SOIL SAMPLES

SAMPLE NUMBER	NTCSSS1100	NTCSSS1200	NTCSSS2000	NTCSSS2100	NTCSSS2200
SAMPLE DATE	6/29/97	6/29/97	6/29/97	6/29/97	6/29/97
PARAMETER	RESULTS	RESULTS	RESULTS	RESULTS	RESULTS
ANTIMONY	0.31 U MG/KG	0.33 U MG/KG	0.31 U MG/KG	0.31 U MG/KG	0.31 U MG/KG
ARSENIC	0.52 U MG/KG	1.3 MG/KG	2.5 MG/KG	3.8 MG/KG	2.1 MG/KG
BARIUM	10.0 MG/KG	3.8 MG/KG	7.4 U MG/KG	5.7 U MG/KG	7.3 MG/KG
BERYLLIUM	0.11 U MG/KG	0.04 U MG/KG	0.09 U MG/KG	0.05 U MG/KG	0.07 U MG/KG
CADMIUM	0.07 U MG/KG	0.06 U MG/KG	0.06 U MG/KG	0.06 U MG/KG	0.23 MG/KG
CALCIUM	773 MG/KG	431 MG/KG	553 MG/KG	472 MG/KG	684 MG/KG
CHROMIUM	3.9 MG/KG	2.4 MG/KG	3.5 MG/KG	2.5 MG/KG	4.8 MG/KG
COBALT	0.24 MG/KG	0.21 U MG/KG	0.20 U MG/KG	0.19 U MG/KG	0.27 MG/KG
COPPER	1.2 MG/KG	1.4 U MG/KG	0.82 MG/KG	1.2 MG/KG	4.5 MG/KG
CYANIDE	1.2 UR MG/KG	1.2 U MG/KG	1.0 UR MG/KG	1.2 UR MG/KG	1.13 U MG/KG
IRON	837 MG/KG	694 J MG/KG	589 MG/KG	878 MG/KG	955 J MG/KG
LEAD	5.6 MG/KG	2.4 MG/KG	3.7 MG/KG	3.9 MG/KG	13.5 MG/KG
MAGNESIUM	84.5 MG/KG	37.1 MG/KG	67.0 MG/KG	52.4 MG/KG	54.9 MG/KG
MANGANESE	4.1 MG/KG	2.2 MG/KG	4.4 MG/KG	3.5 MG/KG	6.9 MG/KG
MERCURY	0.10 U MG/KG	0.10 U MG/KG	0.09 U MG/KG	0.10 U MG/KG	0.10 U MG/KG
NICKEL	1.7 MG/KG	0.57 MG/KG	1.4 MG/KG	1.2 MG/KG	1.4 MG/KG
POTASSIUM	47.2 MG/KG	28.7 MG/KG	30.4 MG/KG	37.2 MG/KG	54.8 MG/KG
SELENIUM	0.43 U MG/KG	0.45 U MG/KG	0.43 U MG/KG	0.42 U MG/KG	0.42 U MG/KG
SILVER	0.23 U MG/KG	0.24 U MG/KG	0.23 U MG/KG	0.23 U MG/KG	0.23 U MG/KG
SODIUM	95.9 U MG/KG	99.5 U MG/KG	95.0 U MG/KG	94.3 U MG/KG	93.5 U MG/KG
THALLIUM	0.46 U MG/KG	0.48 U MG/KG	0.46 U MG/KG	0.46 U MG/KG	0.45 U MG/KG
VANADIUM	4.8 MG/KG	1.9 MG/KG	3.5 MG/KG	2.8 MG/KG	3.0 MG/KG
ZINC	6.1 MG/KG	3.3 U MG/KG	4.2 U MG/KG	5.7 MG/KG	16.5 MG/KG
RADIOLOGICAL					
GROSS ALPHA	2.33 +/- 0.318 PCI/G	0.785 +/- 0.128 PCI/G	1.63 +/- 0.228 PCI/G	0.936 +/- 0.146 PCI/G	1.10 +/- 0.183 PCI/G
GROSS BETA	1.11 +/- 0.164 PCI/G	-0.047 +/- 0.013 U PCI/G	0.609 +/- 0.103 PCI/G	0.478 +/- 0.091 PCI/G	0.731 +/- 0.130 PCI/G

SAMPLE NUMBER	NTCSSS3000	NTCSSS3100	NTCSSS3200	NTCSSS4000	NTCSSS4100
SAMPLE DATE	6/29/97	6/29/97	6/29/97	6/29/97	6/29/97
PARAMETER	RESULTS	RESULTS	RESULTS	RESULTS	RESULTS
VOLATILES					
1,1,1-TRICHLOROETHANE	6.2 UJ UG/KG	5.6 U UG/KG	350 UJ UG/KG	5.7 U UG/KG	5.8 U UG/KG
1,1,2,2-TETRACHLOROETHANE	6.2 UJ UG/KG	5.6 U UG/KG	350 UJ UG/KG	5.7 U UG/KG	5.8 U UG/KG
1,1,2-TRICHLOROETHANE	6.2 UJ UG/KG	5.6 U UG/KG	350 UJ UG/KG	5.7 U UG/KG	5.8 U UG/KG
1,1-DICHLOROETHANE	6.2 UJ UG/KG	5.6 U UG/KG	350 UJ UG/KG	5.7 U UG/KG	5.8 U UG/KG
1,1-DICHLOROETHENE	6.2 UJ UG/KG	5.6 U UG/KG	350 UJ UG/KG	5.7 U UG/KG	5.8 U UG/KG
1,2-DICHLOROETHANE	6.2 UJ UG/KG	5.6 U UG/KG	350 UJ UG/KG	5.7 U UG/KG	5.8 U UG/KG
1,2-DICHLOROPROPANE	6.2 UJ UG/KG	5.6 U UG/KG	350 UJ UG/KG	5.7 U UG/KG	5.8 U UG/KG
2-BUTANONE	12 UJ UG/KG	11 U UG/KG	700 UJ UG/KG	11 U UG/KG	12 U UG/KG
2-HEXANONE	12 UJ UG/KG	11 U UG/KG	700 UJ UG/KG	11 U UG/KG	12 U UG/KG
4-METHYL-2-PENTANONE	12 UJ UG/KG	11 U UG/KG	700 UJ UG/KG	11 U UG/KG	12 U UG/KG
ACETONE	12 UJ UG/KG	11 UR UG/KG	18500 J UG/KG	11 U UG/KG	12 UR UG/KG
BENZENE	6.2 UJ UG/KG	5.6 U UG/KG	350 UJ UG/KG	5.7 U UG/KG	5.8 U UG/KG
BROMODICHLOROMETHANE	6.2 UJ UG/KG	5.6 U UG/KG	350 UJ UG/KG	5.7 U UG/KG	5.8 U UG/KG
BROMOFORM	6.2 UJ UG/KG	5.6 U UG/KG	350 UJ UG/KG	5.7 U UG/KG	5.8 U UG/KG
BROMOMETHANE	12 UJ UG/KG	11 U UG/KG	700 UJ UG/KG	11 U UG/KG	12 U UG/KG
CARBON DISULFIDE	6.2 UJ UG/KG	5.6 U UG/KG	350 UJ UG/KG	5.7 U UG/KG	5.8 U UG/KG
CARBON TETRACHLORIDE	6.2 UJ UG/KG	5.6 U UG/KG	350 UJ UG/KG	5.7 U UG/KG	5.8 U UG/KG
CHLOROBENZENE	6.2 UJ UG/KG	5.6 U UG/KG	350 UJ UG/KG	5.7 U UG/KG	5.8 U UG/KG
CHLOROETHANE	6.2 UJ UG/KG	5.6 U UG/KG	350 UJ UG/KG	5.7 U UG/KG	5.8 U UG/KG
CHLOROFORM	6.2 UJ UG/KG	5.6 U UG/KG	350 UJ UG/KG	5.7 U UG/KG	5.8 U UG/KG
CHLOROMETHANE	12 UJ UG/KG	11 U UG/KG	700 UJ UG/KG	11 U UG/KG	12 U UG/KG
CIS-1,2-DICHLOROETHENE	6.2 UJ UG/KG	5.6 U UG/KG	350 UJ UG/KG	5.7 U UG/KG	5.8 U UG/KG
CIS-1,3-DICHLOROPROPENE	6.2 UJ UG/KG	5.6 U UG/KG	350 UJ UG/KG	5.7 U UG/KG	5.8 U UG/KG
DIBROMOCHLOROMETHANE	6.2 UJ UG/KG	5.6 U UG/KG	350 UJ UG/KG	5.7 U UG/KG	5.8 U UG/KG
ETHYLBENZENE	6.2 UJ UG/KG	5.6 U UG/KG	350 UJ UG/KG	5.7 U UG/KG	5.8 U UG/KG
METHYLENE CHLORIDE	6.2 UJ UG/KG	5.6 U UG/KG	350 UJ UG/KG	5.7 U UG/KG	5.8 U UG/KG
STYRENE	6.2 UJ UG/KG	5.6 U UG/KG	350 UJ UG/KG	5.7 U UG/KG	5.8 U UG/KG
TETRACHLOROETHENE	6.2 UJ UG/KG	5.6 U UG/KG	350 UJ UG/KG	5.7 U UG/KG	5.8 U UG/KG
TOLUENE	6.2 UJ UG/KG	5.6 U UG/KG	350 UJ UG/KG	5.7 U UG/KG	5.8 U UG/KG
TRANS-1,2-DICHLOROETHENE	6.2 UJ UG/KG	5.6 U UG/KG	350 UJ UG/KG	5.7 U UG/KG	5.8 U UG/KG
TRANS-1,3-DICHLOROPROPENE	6.2 UJ UG/KG	5.6 U UG/KG	350 UJ UG/KG	5.7 U UG/KG	5.8 U UG/KG
TRICHLOROETHENE	6.2 UJ UG/KG	5.6 U UG/KG	350 UJ UG/KG	5.7 U UG/KG	5.8 U UG/KG
VINYL CHLORIDE	6.2 UJ UG/KG	5.6 U UG/KG	350 UJ UG/KG	5.7 U UG/KG	5.8 U UG/KG
XYLENES, TOTAL	6.2 UJ UG/KG	5.6 U UG/KG	350 UJ UG/KG	5.7 U UG/KG	5.8 U UG/KG
SEMIVOLATILES					
1,2,4-TRICHLOROBENZENE	420 U UG/KG	370 U UG/KG	370 U UG/KG	380 U UG/KG	390 U UG/KG

SURFACE SOIL SAMPLES

SAMPLE NUMBER	NTCSSS3000	NTCSSS3100	NTCSSS3200	NTCSSS4000	NTCSSS4100
SAMPLE DATE	6/29/97	6/29/97	6/29/97	6/29/97	6/29/97
PARAMETER	RESULTS	RESULTS	RESULTS	RESULTS	RESULTS
1,2-DICHLOROBENZENE	420 U UG/KG	370 U UG/KG	370 U UG/KG	380 U UG/KG	390 U UG/KG
1,3-DICHLOROBENZENE	420 U UG/KG	370 U UG/KG	370 U UG/KG	380 U UG/KG	390 U UG/KG
1,4-DICHLOROBENZENE	420 U UG/KG	370 U UG/KG	370 U UG/KG	380 U UG/KG	390 U UG/KG
2,4,5-TRICHLOROPHENOL	420 U UG/KG	370 U UG/KG	370 U UG/KG	380 U UG/KG	390 U UG/KG
2,4,6-TRICHLOROPHENOL	420 U UG/KG	370 U UG/KG	370 U UG/KG	380 U UG/KG	390 U UG/KG
2,4-DICHLOROPHENOL	420 U UG/KG	370 U UG/KG	370 U UG/KG	380 U UG/KG	390 U UG/KG
2,4-DIMETHYLPHENOL	1000 U UG/KG	940 U UG/KG	930 U UG/KG	950 U UG/KG	980 U UG/KG
2,4-DINITROPHENOL	1000 U UG/KG	940 U UG/KG	930 U UG/KG	950 U UG/KG	980 U UG/KG
2,4-DINITROTOLUENE	420 U UG/KG	370 U UG/KG	370 U UG/KG	380 U UG/KG	390 U UG/KG
2,6-DINITROTOLUENE	420 U UG/KG	370 U UG/KG	370 U UG/KG	380 U UG/KG	390 U UG/KG
2-CHLORONAPHTHALENE	420 U UG/KG	370 U UG/KG	370 U UG/KG	380 U UG/KG	390 U UG/KG
2-CHLOROPHENOL	420 U UG/KG	370 U UG/KG	370 U UG/KG	380 U UG/KG	390 U UG/KG
2-METHYLNAPHTHALENE	420 U UG/KG	370 U UG/KG	370 U UG/KG	380 U UG/KG	390 U UG/KG
2-METHYLPHENOL	420 U UG/KG	370 U UG/KG	370 U UG/KG	380 U UG/KG	390 U UG/KG
2-NITROANILINE	420 U UG/KG	370 U UG/KG	370 U UG/KG	380 U UG/KG	390 U UG/KG
2-NITROPHENOL	420 U UG/KG	370 U UG/KG	370 U UG/KG	380 U UG/KG	390 U UG/KG
3&4-METHYLPHENOL	420 U UG/KG	370 U UG/KG	370 U UG/KG	380 U UG/KG	390 U UG/KG
3,3'-DICHLOROBENZIDINE	1000 U UG/KG	940 U UG/KG	930 UJ UG/KG	950 U UG/KG	980 U UG/KG
3-NITROANILINE	420 U UG/KG	370 U UG/KG	370 U UG/KG	380 U UG/KG	390 U UG/KG
4,6-DINITRO-2-METHYLPHENOL	420 U UG/KG	370 U UG/KG	370 U UG/KG	380 U UG/KG	390 U UG/KG
4-BROMOPHENYL PHENYL ETHER	420 U UG/KG	370 U UG/KG	370 U UG/KG	380 U UG/KG	390 U UG/KG
4-CHLORO-3-METHYLPHENOL	1000 U UG/KG	940 U UG/KG	930 U UG/KG	950 U UG/KG	980 U UG/KG
4-CHLOROANILINE	420 U UG/KG	370 U UG/KG	370 U UG/KG	380 U UG/KG	390 U UG/KG
4-CHLOROPHENYL PHENYL ETHER	420 U UG/KG	370 U UG/KG	370 U UG/KG	380 U UG/KG	390 U UG/KG
4-NITROANILINE	420 U UG/KG	370 U UG/KG	370 U UG/KG	380 U UG/KG	390 U UG/KG
4-NITROPHENOL	1000 U UG/KG	940 U UG/KG	930 U UG/KG	950 U UG/KG	980 U UG/KG
ACENAPHTHENE	420 U UG/KG	370 U UG/KG	370 U UG/KG	380 U UG/KG	390 U UG/KG
ACENAPHTHYLENE	420 U UG/KG	370 U UG/KG	370 U UG/KG	380 U UG/KG	390 U UG/KG
ANTHRACENE	420 U UG/KG	370 U UG/KG	370 U UG/KG	380 U UG/KG	390 U UG/KG
BENZO(A)ANTHRACENE	420 U UG/KG	370 U UG/KG	370 UJ UG/KG	380 U UG/KG	390 U UG/KG
BENZO(A)PYRENE	100 U UG/KG	94 U UG/KG	93 UJ UG/KG	95 U UG/KG	142 UG/KG
BENZO(B)FLUORANTHENE	420 U UG/KG	370 U UG/KG	370 UJ UG/KG	380 U UG/KG	390 U UG/KG
BENZO(G,H,I)PERYLENE	420 U UG/KG	370 U UG/KG	370 UJ UG/KG	380 U UG/KG	390 U UG/KG
BENZO(K)FLUORANTHENE	420 U UG/KG	370 U UG/KG	370 UJ UG/KG	380 U UG/KG	390 U UG/KG
BIS(2-CHLOROETHOXY)METHANE	420 U UG/KG	370 U UG/KG	370 U UG/KG	380 U UG/KG	390 U UG/KG
BIS(2-CHLOROETHYL)ETHER	420 U UG/KG	370 U UG/KG	370 U UG/KG	380 U UG/KG	390 U UG/KG
BIS(2-CHLOROISOPROPYL) ETHER	420 U UG/KG	370 U UG/KG	370 U UG/KG	380 U UG/KG	390 U UG/KG

SAMPLE NUMBER	NTCSSS3000	NTCSSS3100	NTCSSS3200	NTCSSS4000	NTCSSS4100
SAMPLE DATE	6/29/97	6/29/97	6/29/97	6/29/97	6/29/97
PARAMETER	RESULTS	RESULTS	RESULTS	RESULTS	RESULTS
BIS(2-ETHYLHEXYL)PHTHALATE	420 U UG/KG	370 U UG/KG	370 UJ UG/KG	380 U UG/KG	390 U UG/KG
BUTYLBENZYL PHTHALATE	420 U UG/KG	370 U UG/KG	370 UJ UG/KG	380 U UG/KG	390 U UG/KG
CARBAZOLE	420 U UG/KG	370 U UG/KG	370 U UG/KG	380 U UG/KG	390 U UG/KG
CHRYSENE	420 U UG/KG	370 U UG/KG	370 UJ UG/KG	380 U UG/KG	390 U UG/KG
DI-N-BUTYL PHTHALATE	420 U UG/KG	370 U UG/KG	370 U UG/KG	380 U UG/KG	390 U UG/KG
DI-N-OCTYL PHTHALATE	420 U UG/KG	370 U UG/KG	370 UJ UG/KG	380 U UG/KG	390 U UG/KG
DIBENZO(A,H)ANTHRACENE	100 U UG/KG	94 U UG/KG	93 UJ UG/KG	95 U UG/KG	96 U UG/KG
DIBENZOFURAN	420 U UG/KG	370 U UG/KG	370 U UG/KG	380 U UG/KG	390 U UG/KG
DIETHYL PHTHALATE	420 U UG/KG	370 U UG/KG	370 U UG/KG	380 U UG/KG	390 U UG/KG
DIMETHYL PHTHALATE	420 U UG/KG	370 U UG/KG	370 U UG/KG	380 U UG/KG	390 U UG/KG
FLUORANTHENE	420 U UG/KG	370 U UG/KG	370 U UG/KG	380 U UG/KG	390 U UG/KG
FLUORENE	420 U UG/KG	370 U UG/KG	370 UJ UG/KG	380 U UG/KG	390 U UG/KG
HEXACHLOROBENZENE	420 U UG/KG	370 U UG/KG	370 U UG/KG	380 U UG/KG	390 U UG/KG
HEXACHLOROBUTADIENE	420 U UG/KG	370 U UG/KG	370 U UG/KG	380 U UG/KG	390 U UG/KG
HEXACHLOROCYCLOPENTADIENE	420 U UG/KG	370 U UG/KG	370 U UG/KG	380 U UG/KG	390 U UG/KG
HEXACHLOROETHANE	420 U UG/KG	370 U UG/KG	370 U UG/KG	380 U UG/KG	390 U UG/KG
INDENO(1,2,3-CD)PYRENE	420 U UG/KG	370 U UG/KG	370 UJ UG/KG	380 U UG/KG	390 U UG/KG
ISOPHORONE	420 U UG/KG	370 U UG/KG	370 U UG/KG	380 U UG/KG	390 U UG/KG
N-NITROSO-DI-N-PROPYLAMINE	21 U UG/KG	19 U UG/KG	19 U UG/KG	19 U UG/KG	19 U UG/KG
N-NITROSODIPHENYLAMINE	420 U UG/KG	370 U UG/KG	370 U UG/KG	380 U UG/KG	390 U UG/KG
NAPHTHALENE	420 U UG/KG	370 U UG/KG	370 U UG/KG	380 U UG/KG	390 U UG/KG
NITROBENZENE	420 U UG/KG	370 U UG/KG	370 U UG/KG	380 U UG/KG	390 U UG/KG
PHENANTHRENE	420 U UG/KG	370 U UG/KG	370 U UG/KG	380 U UG/KG	390 U UG/KG
PHENOL	420 U UG/KG	370 U UG/KG	370 U UG/KG	380 U UG/KG	390 U UG/KG
PYRENE	420 U UG/KG	370 U UG/KG	370 UJ UG/KG	380 U UG/KG	390 U UG/KG
HERBICIDES					
2,4,5-T	1.6 U UG/KG	1.5 U UG/KG	1.4 U UG/KG	1.5 U UG/KG	1.5 U UG/KG
2,4,5-TP (SILVEX)	1.9 U UG/KG	1.7 U UG/KG	1.7 U UG/KG	1.7 U UG/KG	1.7 U UG/KG
2,4-D	8.6 U UG/KG	7.9 U UG/KG	7.8 U UG/KG	7.9 U UG/KG	8 U UG/KG
2,4-DB	4.9 U UG/KG	4.5 U UG/KG	4.5 U UG/KG	4.5 U UG/KG	4.6 U UG/KG
DALAPON	9.8 U UG/KG	9 U UG/KG	8.9 U UG/KG	9 U UG/KG	9.2 U UG/KG
DICAMBA	4.9 U UG/KG	4.5 U UG/KG	4.5 U UG/KG	4.5 U UG/KG	4.6 U UG/KG
DICHLOROPROP	25 U UG/KG	22 U UG/KG	22 U UG/KG	23 U UG/KG	23 U UG/KG
DINOSEB	4.9 U UG/KG	4.5 U UG/KG	4.5 U UG/KG	4.5 U UG/KG	4.6 U UG/KG
MCPA	2500 U UG/KG	2200 U UG/KG	2200 U UG/KG	2300 U UG/KG	2300 U UG/KG
MCPP	1200 U UG/KG	1100 U UG/KG	1100 U UG/KG	1100 U UG/KG	1200 U UG/KG
PENTACHLOROPHENOL	2.5 U UG/KG	2.2 U UG/KG	2.2 U UG/KG	2.3 U UG/KG	2.3 U UG/KG

SURFACE SOIL SAMPLES

SAMPLE NUMBER SAMPLE DATE PARAMETER	NTCSSS3000 6/29/97 RESULTS	NTCSSS3100 6/29/97 RESULTS	NTCSSS3200 6/29/97 RESULTS	NTCSSS4000 6/29/97 RESULTS	NTCSSS4100 6/29/97 RESULTS
PESTICIDES/PCBS					
4,4'-DDD	5.3 UG/KG	2.0 U UG/KG	1.9 U UG/KG	2.0 U UG/KG	2.0 U UG/KG
4,4'-DDE	41 UG/KG	0.97 U UG/KG	0.93 U UG/KG	2.9 UG/KG	0.99 U UG/KG
4,4'-DDT	4.9 U UG/KG	4.5 U UG/KG	4.3 U UG/KG	4.5 U UG/KG	4.6 U UG/KG
ALDRIN	3.9 U UG/KG	3.6 U UG/KG	3.4 U UG/KG	3.6 U UG/KG	3.6 U UG/KG
ALPHA-BHC	0.86 U UG/KG	0.78 U UG/KG	0.75 U UG/KG	0.79 U UG/KG	0.80 U UG/KG
ALPHA-CHLORDANE	0.90 U UG/KG	0.82 U UG/KG	0.79 U UG/KG	0.82 U UG/KG	0.84 U UG/KG
AROCLOR-1016					
AROCLOR-1221					
AROCLOR-1232					
AROCLOR-1242					
AROCLOR-1248					
AROCLOR-1254					
AROCLOR-1260					
BETA-BHC	1.2 U UG/KG	1.1 U UG/KG	1.1 U UG/KG	1.1 U UG/KG	1.1 U UG/KG
DELTA-BHC	1.5 U UG/KG	1.4 U UG/KG	1.3 U UG/KG	1.4 U UG/KG	1.4 U UG/KG
DIELDRIN	1.1 U UG/KG	0.97 U UG/KG	0.93 U UG/KG	0.98 U UG/KG	0.99 U UG/KG
ENDOSULFAN I	1.1 U UG/KG	1.0 U UG/KG	0.97 U UG/KG	1.0 U UG/KG	1.0 U UG/KG
ENDOSULFAN II	1.4 U UG/KG	1.3 U UG/KG	1.2 U UG/KG	1.3 U UG/KG	1.3 U UG/KG
ENDOSULFAN SULFATE	4.5 U UG/KG	4.1 U UG/KG	3.9 U UG/KG	4.1 U UG/KG	4.2 U UG/KG
ENDRIN	1.8 U UG/KG	1.6 U UG/KG	1.5 U UG/KG	1.6 U UG/KG	1.6 U UG/KG
ENDRIN ALDEHYDE	1.6 U UG/KG	1.5 U UG/KG	1.4 U UG/KG	1.5 U UG/KG	1.5 U UG/KG
ENDRIN KETONE	8.2 U UG/KG	7.5 U UG/KG	7.2 U UG/KG	7.5 U UG/KG	7.6 U UG/KG
GAMMA-BHC (LINDANE)	0.90 U UG/KG	0.82 U UG/KG	0.79 U UG/KG	0.82 U UG/KG	0.84 U UG/KG
GAMMA-CHLORDANE	1.0 U UG/KG	0.94 U UG/KG	0.90 U UG/KG	0.94 U UG/KG	0.95 U UG/KG
HEPTACHLOR	1.1 U UG/KG	0.97 U UG/KG	0.93 U UG/KG	0.98 U UG/KG	1.4 UG/KG
HEPTACHLOR EPOXIDE	1.1 U UG/KG	1.0 U UG/KG	0.97 U UG/KG	1.0 U UG/KG	1.0 U UG/KG
METHOXYCHLOR	7.4 U UG/KG	6.7 U UG/KG	6.5 U UG/KG	6.8 U UG/KG	6.8 U UG/KG
TOXAPHENE	82 U UG/KG	75 U UG/KG	72 U UG/KG	75 U UG/KG	76 U UG/KG
PETROLEUM HYDROCARBONS					
DIESEL RANGE ORGANICS	11.5 MG/KG	9.6 MG/KG	9.3 U MG/KG	9.5 U MG/KG	9.76 MG/KG
GASOLINE RANGE ORGANICS	0.12 U MG/KG	0.11 U MG/KG	0.11 U MG/KG	0.11 U MG/KG	0.12 U MG/KG
MISC					
CATION EX. CAPACITY			1500 MG/KG		
TOTAL ORGANIC CARBON			11200 MG/KG		
METALS					
ALUMINUM	4340 MG/KG	2760 MG/KG	1560 MG/KG	3590 MG/KG	1970 MG/KG

SURFACE SOIL SAMPLES

SAMPLE NUMBER	NTCSSS3000	NTCSSS3100	NTCSSS3200	NTCSSS4000	NTCSSS4100
SAMPLE DATE	6/29/97	6/29/97	6/29/97	6/29/97	6/29/97
PARAMETER	RESULTS	RESULTS	RESULTS	RESULTS	RESULTS
ANTIMONY	0.33 U MG/KG	0.30 U MG/KG	0.30 U MG/KG	0.31 U MG/KG	0.31 U MG/KG
ARSENIC	2.5 MG/KG	2.4 MG/KG	0.61 MG/KG	2.3 MG/KG	3.8 MG/KG
BARIUM	13.3 MG/KG	13.7 MG/KG	5.0 MG/KG	15.9 MG/KG	6.6 U MG/KG
BERYLLIUM	0.10 U MG/KG	0.07 U MG/KG	0.04 U MG/KG	0.06 U MG/KG	0.05 U MG/KG
CADMIUM	0.13 MG/KG	0.41 U MG/KG	0.16 MG/KG	0.06 U MG/KG	0.06 U MG/KG
CALCIUM	1460 MG/KG	480 MG/KG	536 MG/KG	825 MG/KG	620 MG/KG
CHROMIUM	4.7 MG/KG	3.3 MG/KG	2.5 MG/KG	4.3 MG/KG	2.9 MG/KG
COBALT	0.26 MG/KG	0.23 MG/KG	0.19 U MG/KG	0.19 U MG/KG	0.25 MG/KG
COPPER	4.6 MG/KG	1.7 MG/KG	2.1 U MG/KG	1.0 MG/KG	1.8 MG/KG
CYANIDE	1.2 UR MG/KG	1.1 UR MG/KG	1.11 U MG/KG	1.1 UR MG/KG	1.2 UR MG/KG
IRON	1130 MG/KG	1220 MG/KG	1240 J MG/KG	374 MG/KG	1020 MG/KG
LEAD	6.5 MG/KG	4.7 MG/KG	9.2 MG/KG	4.1 MG/KG	4.6 MG/KG
MAGNESIUM	127 MG/KG	63.7 MG/KG	39.9 MG/KG	116 MG/KG	59.4 MG/KG
MANGANESE	7.6 MG/KG	2.5 MG/KG	4.2 MG/KG	2.7 MG/KG	4.3 MG/KG
MERCURY	0.10 U MG/KG	0.09 U MG/KG	0.09 U MG/KG	0.09 U MG/KG	0.10 U MG/KG
NICKEL	1.9 MG/KG	2.3 MG/KG	0.88 MG/KG	0.77 MG/KG	0.96 MG/KG
POTASSIUM	44.4 MG/KG	53.9 MG/KG	26.1 MG/KG	63.0 MG/KG	51.9 MG/KG
SELENIUM	0.46 U MG/KG	0.42 U MG/KG	0.42 U MG/KG	0.42 U MG/KG	0.43 U MG/KG
SILVER	0.25 U MG/KG	0.23 U MG/KG	0.23 U MG/KG	0.23 U MG/KG	0.23 U MG/KG
SODIUM	102 U MG/KG	93.0 U MG/KG	92.8 U MG/KG	94.1 U MG/KG	95.0 U MG/KG
THALLIUM	0.50 U MG/KG	0.45 U MG/KG	0.45 U MG/KG	0.46 U MG/KG	0.46 U MG/KG
VANADIUM	4.7 MG/KG	4.2 MG/KG	2.2 MG/KG	3.1 MG/KG	2.6 MG/KG
ZINC	8.9 MG/KG	5.8 MG/KG	12.8 MG/KG	1.8 U MG/KG	5.3 MG/KG
RADIOLOGICAL					
GROSS ALPHA	1.95 +/- 0.279 PCI/G	2.37 +/- 0.342 PCI/G	0.669 +/- 0.111 PCI/G	2.01 +/- 0.280 PCI/G	1.27 +/- 0.184 PCI/G
GROSS BETA	0.951 +/- 0.149 PCI/G	0.674 +/- 0.169 PCI/G	0.387 +/- 0.086 PCI/G	0.934 +/- 0.136 PCI/G	0.558 +/- 0.096 PCI/G

SAMPLE NUMBER	NTCSSS5000	NTCSSS5100	NTCSSS5200	NTCSSS6000	NTCSSS6100
SAMPLE DATE	6/29/97	6/29/97	6/29/97	6/29/97	6/29/97
PARAMETER	RESULTS	RESULTS	RESULTS	RESULTS	RESULTS
VOLATILES					
1,1,1-TRICHLOROETHANE	5.8 U UG/KG	5.6 U UG/KG	5.8 U UG/KG	5.6 U UG/KG	6.5 U UG/KG
1,1,2,2-TETRACHLOROETHANE	5.8 U UG/KG	5.6 U UG/KG	5.8 U UG/KG	5.6 U UG/KG	6.5 U UG/KG
1,1,2-TRICHLOROETHANE	5.8 U UG/KG	5.6 U UG/KG	5.8 U UG/KG	5.6 U UG/KG	6.5 U UG/KG
1,1-DICHLOROETHANE	5.8 U UG/KG	5.6 U UG/KG	5.8 U UG/KG	5.6 U UG/KG	6.5 U UG/KG
1,1-DICHLOROETHENE	5.8 U UG/KG	5.6 U UG/KG	5.8 U UG/KG	5.6 U UG/KG	6.5 U UG/KG
1,2-DICHLOROETHANE	5.8 U UG/KG	5.6 U UG/KG	5.8 U UG/KG	5.6 U UG/KG	6.5 U UG/KG
1,2-DICHLOROPROPANE	5.8 U UG/KG	5.6 U UG/KG	5.8 U UG/KG	5.6 U UG/KG	6.5 U UG/KG
2-BUTANONE	12 U UG/KG	11 U UG/KG	12 U UG/KG	11 U UG/KG	13 U UG/KG
2-HEXANONE	12 U UG/KG	11 U UG/KG	12 U UG/KG	11 U UG/KG	13 U UG/KG
4-METHYL-2-PENTANONE	12 U UG/KG	11 U UG/KG	12 U UG/KG	11 U UG/KG	13 U UG/KG
ACETONE	12 U UG/KG	11 UR UG/KG	99 J UG/KG	11 U UG/KG	13 UR UG/KG
BENZENE	5.8 U UG/KG	5.6 U UG/KG	5.8 U UG/KG	5.6 U UG/KG	6.5 U UG/KG
BROMODICHLOROMETHANE	5.8 U UG/KG	5.6 U UG/KG	5.8 U UG/KG	5.6 U UG/KG	6.5 U UG/KG
BROMOFORM	5.8 U UG/KG	5.6 UJ UG/KG	5.8 U UG/KG	5.6 U UG/KG	6.5 U UG/KG
BROMOMETHANE	12 U UG/KG	11 U UG/KG	12 U UG/KG	11 U UG/KG	13 U UG/KG
CARBON DISULFIDE	5.8 U UG/KG	5.6 U UG/KG	5.8 U UG/KG	5.6 U UG/KG	6.5 U UG/KG
CARBON TETRACHLORIDE	5.8 U UG/KG	5.6 U UG/KG	5.8 U UG/KG	5.6 U UG/KG	6.5 U UG/KG
CHLOROBENZENE	5.8 U UG/KG	5.6 U UG/KG	5.8 U UG/KG	5.6 U UG/KG	6.5 U UG/KG
CHLOROETHANE	5.8 U UG/KG	5.6 U UG/KG	5.8 U UG/KG	5.6 U UG/KG	6.5 U UG/KG
CHLOROFORM	5.8 U UG/KG	5.6 U UG/KG	5.8 U UG/KG	5.6 U UG/KG	6.5 U UG/KG
CHLOROMETHANE	12 U UG/KG	11 U UG/KG	12 U UG/KG	11 U UG/KG	13 U UG/KG
CIS-1,2-DICHLOROETHENE	5.8 U UG/KG	5.6 U UG/KG	5.8 U UG/KG	5.6 U UG/KG	6.5 U UG/KG
CIS-1,3-DICHLOROPROPENE	5.8 U UG/KG	5.6 U UG/KG	5.8 U UG/KG	5.6 U UG/KG	6.5 U UG/KG
DIBROMOCHLOROMETHANE	5.8 U UG/KG	5.6 UJ UG/KG	5.8 U UG/KG	5.6 U UG/KG	6.5 U UG/KG
ETHYLBENZENE	5.8 U UG/KG	5.6 U UG/KG	5.8 U UG/KG	5.6 U UG/KG	6.5 U UG/KG
METHYLENE CHLORIDE	5.8 U UG/KG	5.6 U UG/KG	5.8 U UG/KG	5.6 U UG/KG	6.5 U UG/KG
STYRENE	5.8 U UG/KG	5.6 U UG/KG	5.8 U UG/KG	5.6 U UG/KG	6.5 U UG/KG
TETRACHLOROETHENE	5.8 U UG/KG	5.6 U UG/KG	5.8 U UG/KG	0.5 U UG/KG	6.5 U UG/KG
TOLUENE	5.8 U UG/KG	5.6 U UG/KG	5.8 U UG/KG	5.5 U UG/KG	6.5 U UG/KG
TRANS-1,2-DICHLOROETHENE	5.8 U UG/KG	5.6 U UG/KG	5.8 U UG/KG	5.6 U UG/KG	6.5 U UG/KG
TRANS-1,3-DICHLOROPROPENE	5.8 U UG/KG	5.6 U UG/KG	5.8 U UG/KG	5.6 U UG/KG	6.5 U UG/KG
TRICHLOROETHENE	5.8 U UG/KG	5.6 U UG/KG	5.8 U UG/KG	5.6 U UG/KG	6.5 U UG/KG
VINYL CHLORIDE	5.8 U UG/KG	5.6 U UG/KG	5.8 U UG/KG	5.6 U UG/KG	6.5 U UG/KG
XYLENES, TOTAL	5.8 U UG/KG	5.6 U UG/KG	5.8 U UG/KG	6.0 U UG/KG	6.5 U UG/KG
SEMIVOLATILES					
1,2,4-TRICHLOROBENZENE	390 U UG/KG	1500 U UG/KG	380 U UG/KG	380 U UG/KG	1600 U UG/KG

SAMPLE NUMBER	NTCSSS5000	NTCSSS5100	NTCSSS5200	NTCSSS6000	NTCSSS6100
SAMPLE DATE	6/29/97	6/29/97	6/29/97	6/29/97	6/29/97
PARAMETER	RESULTS	RESULTS	RESULTS	RESULTS	RESULTS
1,2-DICHLOROBENZENE	390 U UG/KG	1500 U UG/KG	380 U UG/KG	380 U UG/KG	1600 U UG/KG
1,3-DICHLOROBENZENE	390 U UG/KG	1500 U UG/KG	380 U UG/KG	380 U UG/KG	1600 U UG/KG
1,4-DICHLOROBENZENE	390 U UG/KG	1500 U UG/KG	380 U UG/KG	380 U UG/KG	1600 U UG/KG
2,4,5-TRICHLOROPHENOL	390 U UG/KG	1500 U UG/KG	380 U UG/KG	380 U UG/KG	1600 U UG/KG
2,4,6-TRICHLOROPHENOL	390 U UG/KG	1500 U UG/KG	380 U UG/KG	380 U UG/KG	1600 U UG/KG
2,4-DICHLOROPHENOL	390 U UG/KG	1500 U UG/KG	380 U UG/KG	380 U UG/KG	1600 U UG/KG
2,4-DIMETHYLPHENOL	980 U UG/KG	3800 U UG/KG	960 U UG/KG	940 U UG/KG	3900 U UG/KG
2,4-DINITROPHENOL	980 U UG/KG	3800 U UG/KG	960 U UG/KG	940 U UG/KG	3900 U UG/KG
2,4-DINITROTOLUENE	390 U UG/KG	1500 U UG/KG	380 U UG/KG	380 U UG/KG	1600 U UG/KG
2,6-DINITROTOLUENE	390 U UG/KG	1500 U UG/KG	380 U UG/KG	380 U UG/KG	1600 U UG/KG
2-CHLORONAPHTHALENE	390 U UG/KG	1500 U UG/KG	380 U UG/KG	380 U UG/KG	1600 U UG/KG
2-CHLOROPHENOL	390 U UG/KG	1500 U UG/KG	380 U UG/KG	380 U UG/KG	1600 U UG/KG
2-METHYLNAPHTHALENE	390 U UG/KG	1500 U UG/KG	380 U UG/KG	380 U UG/KG	1600 U UG/KG
2-METHYLPHENOL	390 U UG/KG	1500 U UG/KG	380 U UG/KG	380 U UG/KG	1600 U UG/KG
2-NITROANILINE	390 U UG/KG	1500 U UG/KG	380 U UG/KG	380 U UG/KG	1600 U UG/KG
2-NITROPHENOL	390 U UG/KG	1500 U UG/KG	380 U UG/KG	380 U UG/KG	1600 U UG/KG
3&4-METHYLPHENOL	390 U UG/KG	1500 U UG/KG	380 U UG/KG	380 U UG/KG	1600 U UG/KG
3,3'-DICHLOROBENZIDINE	980 UJ UG/KG	3800 U UG/KG	960 UJ UG/KG	940 U UG/KG	3900 U UG/KG
3-NITROANILINE	390 U UG/KG	1500 U UG/KG	380 U UG/KG	380 U UG/KG	1600 U UG/KG
4,6-DINITRO-2-METHYLPHENOL	390 U UG/KG	1500 U UG/KG	380 U UG/KG	380 U UG/KG	1600 U UG/KG
4-BROMOPHENYL PHENYL ETHER	390 U UG/KG	1500 U UG/KG	380 U UG/KG	380 U UG/KG	1600 U UG/KG
4-CHLORO-3-METHYLPHENOL	980 U UG/KG	3800 U UG/KG	960 U UG/KG	940 U UG/KG	3900 U UG/KG
4-CHLOROANILINE	390 U UG/KG	1500 U UG/KG	380 U UG/KG	380 U UG/KG	1600 U UG/KG
4-CHLOROPHENYL PHENYL ETHER	390 U UG/KG	1500 U UG/KG	380 U UG/KG	380 U UG/KG	1600 U UG/KG
4-NITROANILINE	390 U UG/KG	1500 U UG/KG	380 U UG/KG	380 U UG/KG	1600 U UG/KG
4-NITROPHENOL	980 U UG/KG	3800 U UG/KG	960 U UG/KG	940 U UG/KG	3900 U UG/KG
ACENAPHTHENE	390 U UG/KG	1500 U UG/KG	380 U UG/KG	380 U UG/KG	1600 U UG/KG
ACENAPHTHYLENE	390 U UG/KG	1500 U UG/KG	380 U UG/KG	380 U UG/KG	1600 U UG/KG
ANTHRACENE	390 U UG/KG	1500 U UG/KG	380 U UG/KG	380 U UG/KG	1600 U UG/KG
BENZO(A)ANTHRACENE	390 UJ UG/KG	1500 U UG/KG	380 UJ UG/KG	380 U UG/KG	1600 U UG/KG
BENZO(A)PYRENE	98 U UG/KG	227 UG/KG	112 UG/KG	94 U UG/KG	390 U UG/KG
BENZO(B)FLUORANTHENE	390 U UG/KG	1500 U UG/KG	380 U UG/KG	380 U UG/KG	1600 U UG/KG
BENZO(G,H,I)PERYLENE	390 U UG/KG	1500 U UG/KG	380 U UG/KG	380 U UG/KG	1600 U UG/KG
BENZO(K)FLUORANTHENE	390 U UG/KG	1500 U UG/KG	380 U UG/KG	380 U UG/KG	1600 U UG/KG
BIS(2-CHLOROETHOXY)METHANE	390 U UG/KG	1500 U UG/KG	380 U UG/KG	380 U UG/KG	1600 U UG/KG
BIS(2-CHLOROETHYL)ETHER	390 U UG/KG	1500 U UG/KG	380 U UG/KG	380 U UG/KG	1600 U UG/KG
BIS(2-CHLOROISOPROPYL) ETHER	390 U UG/KG	1500 U UG/KG	380 U UG/KG	380 U UG/KG	1600 U UG/KG

SAMPLE NUMBER	NTCSSS5000	NTCSSS5100	NTCSSS5200	NTCSSS6000	NTCSSS6100
SAMPLE DATE	6/29/97	6/29/97	6/29/97	6/29/97	6/29/97
PARAMETER	RESULTS	RESULTS	RESULTS	RESULTS	RESULTS
BIS(2-ETHYLHEXYL)PHTHALATE	390 UJ UG/KG	1500 U UG/KG	380 UJ UG/KG	380 U UG/KG	1600 U UG/KG
BUTYLBENZYL PHTHALATE	390 UJ UG/KG	1500 U UG/KG	380 UJ UG/KG	380 U UG/KG	1600 U UG/KG
CARBAZOLE	390 U UG/KG	1500 U UG/KG	380 U UG/KG	380 U UG/KG	1600 U UG/KG
CHRYSENE	390 UJ UG/KG	1500 U UG/KG	380 UJ UG/KG	380 U UG/KG	1600 U UG/KG
DI-N-BUTYL PHTHALATE	390 U UG/KG	1500 U UG/KG	380 U UG/KG	380 U UG/KG	1600 U UG/KG
DI-N-OCTYL PHTHALATE	390 U UG/KG	1500 U UG/KG	380 U UG/KG	380 U UG/KG	1600 U UG/KG
DIBENZO(A,H)ANTHRACENE	98 U UG/KG	380 U UG/KG	96 U UG/KG	94 U UG/KG	390 U UG/KG
DIBENZOFURAN	390 U UG/KG	1500 U UG/KG	380 U UG/KG	380 U UG/KG	1600 U UG/KG
DIETHYL PHTHALATE	390 U UG/KG	1500 U UG/KG	380 U UG/KG	380 U UG/KG	1600 U UG/KG
DIMETHYL PHTHALATE	390 U UG/KG	1500 U UG/KG	380 U UG/KG	380 U UG/KG	1600 U UG/KG
FLUORANTHENE	390 U UG/KG	1500 U UG/KG	380 U UG/KG	380 U UG/KG	1600 U UG/KG
FLUORENE	390 U UG/KG	1500 U UG/KG	380 U UG/KG	380 U UG/KG	1600 U UG/KG
HEXACHLOROBENZENE	390 U UG/KG	1500 U UG/KG	380 U UG/KG	380 U UG/KG	1600 U UG/KG
HEXACHLOROBUTADIENE	390 U UG/KG	1500 U UG/KG	380 U UG/KG	380 U UG/KG	1600 U UG/KG
HEXACHLOROCYCLOPENTADIENE	390 U UG/KG	1500 U UG/KG	380 U UG/KG	380 U UG/KG	1600 U UG/KG
HEXACHLOROETHANE	390 U UG/KG	1500 U UG/KG	380 U UG/KG	380 U UG/KG	1600 U UG/KG
INDENO(1,2,3-CD)PYRENE	390 U UG/KG	1500 U UG/KG	380 U UG/KG	380 U UG/KG	1600 U UG/KG
ISOPHORONE	390 U UG/KG	1500 U UG/KG	380 U UG/KG	380 U UG/KG	1600 U UG/KG
N-NITROSO-DI-N-PROPYLAMINE	20 U UG/KG	76 U UG/KG	19 U UG/KG	19 U UG/KG	78 U UG/KG
N-NITROSODIPHENYLAMINE	390 U UG/KG	1500 U UG/KG	380 U UG/KG	380 U UG/KG	1600 U UG/KG
NAPHTHALENE	390 U UG/KG	1500 U UG/KG	380 U UG/KG	380 U UG/KG	1600 U UG/KG
NITROBENZENE	390 U UG/KG	1500 U UG/KG	380 U UG/KG	380 U UG/KG	1600 U UG/KG
PHENANTHRENE	390 U UG/KG	1500 U UG/KG	380 U UG/KG	380 U UG/KG	1600 U UG/KG
PHENOL	390 U UG/KG	1500 U UG/KG	380 U UG/KG	380 U UG/KG	1600 U UG/KG
PYRENE	390 UJ UG/KG	1500 U UG/KG	380 U UG/KG	380 U UG/KG	1600 U UG/KG
HERBICIDES					
2,4,5-T	1.5 U UG/KG	1.5 U UG/KG	1.5 U UG/KG	1.5 U UG/KG	1.7 U UG/KG
2,4,5-TP (SILVEX)	1.8 U UG/KG	1.7 U UG/KG	1.7 U UG/KG	1.7 U UG/KG	2 U UG/KG
2,4-D	8.2 U UG/KG	7.9 U UG/KG	8 U UG/KG	7.9 U UG/KG	9 U UG/KG
2,4-DB	4.7 U UG/KG	4.5 U UG/KG	4.6 U UG/KG	4.5 U UG/KG	5.2 U UG/KG
DALAPON	9.3 U UG/KG	9 U UG/KG	9.2 U UG/KG	9 U UG/KG	10 U UG/KG
DICAMBA	4.7 U UG/KG	4.5 U UG/KG	4.6 U UG/KG	4.5 U UG/KG	5.2 U UG/KG
DICHLOROPROP	23 U UG/KG	22 U UG/KG	23 U UG/KG	23 U UG/KG	26 U UG/KG
DINOSEB	4.7 U UG/KG	4.5 U UG/KG	4.6 U UG/KG	4.5 U UG/KG	5.2 U UG/KG
MCPA	2300 U UG/KG	2200 U UG/KG	2300 U UG/KG	2300 U UG/KG	2600 U UG/KG
MCPP	1200 U UG/KG	1100 U UG/KG	1100 U UG/KG	1100 U UG/KG	1300 U UG/KG
PENTACHLOROPHENOL	2.3 U UG/KG	2.2 U UG/KG	2.3 U UG/KG	2.3 U UG/KG	2.6 U UG/KG

SURFACE SOIL SAMPLES

SAMPLE NUMBER SAMPLE DATE PARAMETER	NTCSSS5000 6/29/97 RESULTS	NTCSSS5100 6/29/97 RESULTS	NTCSSS5200 6/29/97 RESULTS	NTCSSS6000 6/29/97 RESULTS	NTCSSS6100 6/29/97 RESULTS
PESTICIDES/PCBS					
4,4'-DDD	2.1 U UG/KG	2.0 U UG/KG	2.0 U UG/KG	2.0 U UG/KG	2.3 U UG/KG
4,4'-DDE	3.5 UG/KG	13 UG/KG	0.94 U UG/KG	14 UG/KG	1.1 U UG/KG
4,4'-DDT	4.6 U UG/KG	9.8 UG/KG	4.4 U UG/KG	9.0 UG/KG	5.2 U UG/KG
ALDRIN	3.7 U UG/KG	3.6 U UG/KG	3.4 U UG/KG	3.6 U UG/KG	4.1 U UG/KG
ALPHA-BHC	0.81 U UG/KG	0.79 U UG/KG	0.76 U UG/KG	0.78 U UG/KG	0.90 U UG/KG
ALPHA-CHLORDANE	0.85 U UG/KG	1.3 UG/KG	0.80 U UG/KG	0.82 U UG/KG	0.95 U UG/KG
AROCLOR-1016					
AROCLOR-1221					
AROCLOR-1232					
AROCLOR-1242					
AROCLOR-1248					
AROCLOR-1254					
AROCLOR-1260					
BETA-BHC	1.2 U UG/KG	1.1 U UG/KG	1.1 U UG/KG	1.1 U UG/KG	1.3 U UG/KG
DELTA-BHC	1.4 U UG/KG	1.4 U UG/KG	1.3 U UG/KG	1.4 U UG/KG	1.6 U UG/KG
DIELDRIN	1.0 U UG/KG	0.98 U UG/KG	0.94 U UG/KG	0.97 U UG/KG	1.1 U UG/KG
ENDOSULFAN I	1.0 U UG/KG	1.0 U UG/KG	0.98 U UG/KG	1.0 U UG/KG	1.2 U UG/KG
ENDOSULFAN II	1.3 U UG/KG	2.2 UG/KG	1.2 U UG/KG	1.3 U UG/KG	1.5 U UG/KG
ENDOSULFAN SULFATE	4.2 U UG/KG	4.1 U UG/KG	4.0 U UG/KG	4.1 U UG/KG	4.7 U UG/KG
ENDRIN	1.6 U UG/KG	1.6 U UG/KG	1.6 U UG/KG	1.6 U UG/KG	1.8 U UG/KG
ENDRIN ALDEHYDE	1.5 U UG/KG	1.5 U UG/KG	1.4 U UG/KG	1.5 U UG/KG	1.7 U UG/KG
ENDRIN KETONE	7.7 U UG/KG	7.5 U UG/KG	7.3 U UG/KG	7.5 U UG/KG	8.6 U UG/KG
GAMMA-BHC (LINDANE)	0.85 U UG/KG	0.82 U UG/KG	0.80 U UG/KG	0.82 U UG/KG	0.95 U UG/KG
GAMMA-CHLORDANE	0.96 U UG/KG	1.3 UG/KG	0.91 U UG/KG	0.94 U UG/KG	1.1 U UG/KG
HEPTACHLOR	1.0 U UG/KG	1.1 UG/KG	0.94 U UG/KG	0.97 U UG/KG	1.1 U UG/KG
HEPTACHLOR EPOXIDE	1.0 U UG/KG	1.0 U UG/KG	0.98 U UG/KG	1.0 U UG/KG	1.2 U UG/KG
METHOXYCHLOR	6.9 U UG/KG	6.8 U UG/KG	6.5 U UG/KG	6.7 U UG/KG	7.8 U UG/KG
TOXAPHENE	77 U UG/KG	75 U UG/KG	73 U UG/KG	75 U UG/KG	86 U UG/KG
PETROLEUM HYDROCARBONS					
DIESEL RANGE ORGANICS	9.8 U MG/KG	31.6 MG/KG	9.28 J MG/KG	9.4 U MG/KG	9.7 U MG/KG
GASOLINE RANGE ORGANICS	0.12 U MG/KG	0.11 U MG/KG	0.12 U MG/KG	0.11 U MG/KG	0.11 U MG/KG
MISC					
CATION EX. CAPACITY	1740 MG/KG		1750 MG/KG		
TOTAL ORGANIC CARBON	9860 MG/KG		12400 MG/KG		
METALS					
ALUMINUM	3380 MG/KG	2720 MG/KG	2730 MG/KG	3880 MG/KG	2130 MG/KG

SURFACE SOIL SAMPLES

SAMPLE NUMBER	NTCSSS5000	NTCSSS5100	NTCSSS5200	NTCSSS6000	NTCSSS6100
SAMPLE DATE	6/29/97	6/29/97	6/29/97	6/29/97	6/29/97
PARAMETER	RESULTS	RESULTS	RESULTS	RESULTS	RESULTS
ANTIMONY	0.32 U MG/KG	0.31 U MG/KG	0.31 U MG/KG	0.31 U MG/KG	0.35 U MG/KG
ARSENIC	3.2 MG/KG	3.2 MG/KG	4.8 MG/KG	2.1 MG/KG	0.93 MG/KG
BARIUM	16.7 MG/KG	9.6 MG/KG	13.7 MG/KG	13.7 MG/KG	5.4 U MG/KG
BERYLLIUM	0.08 U MG/KG	0.05 U MG/KG	0.05 U MG/KG	0.10 U MG/KG	0.05 U MG/KG
CADMIUM	0.06 U MG/KG	0.06 U MG/KG	0.06 U MG/KG	0.06 U MG/KG	0.06 U MG/KG
CALCIUM	942 MG/KG	2980 MG/KG	564 MG/KG	868 MG/KG	2450 MG/KG
CHROMIUM	4.0 MG/KG	3.2 MG/KG	3.1 MG/KG	3.9 MG/KG	2.8 MG/KG
COBALT	0.21 MG/KG	0.19 U MG/KG	0.20 U MG/KG	0.19 U MG/KG	0.22 U MG/KG
COPPER	1.4 MG/KG	2.5 MG/KG	1.9 U MG/KG	1.6 MG/KG	2.0 MG/KG
CYANIDE	1.2 UR MG/KG	1.1 UR MG/KG	1.15 U MG/KG	1.1 UR MG/KG	1.1 UR MG/KG
IRON	836 MG/KG	869 MG/KG	491 J MG/KG	770 MG/KG	462 MG/KG
LEAD	5.0 MG/KG	5.3 MG/KG	3.4 MG/KG	4.9 MG/KG	4.9 MG/KG
MAGNESIUM	113 MG/KG	99.9 MG/KG	74.4 MG/KG	144 MG/KG	76.6 MG/KG
MANGANESE	4.7 MG/KG	6.4 MG/KG	4.5 MG/KG	3.9 MG/KG	5.3 MG/KG
MERCURY	0.10 U MG/KG	0.09 U MG/KG	0.09 U MG/KG	0.09 U MG/KG	0.10 U MG/KG
NICKEL	1.1 MG/KG	1.2 MG/KG	0.94 MG/KG	1.3 MG/KG	0.73 MG/KG
POTASSIUM	52.4 MG/KG	47.8 MG/KG	43.9 MG/KG	61.8 MG/KG	40.0 MG/KG
SELENIUM	0.43 U MG/KG	0.42 U MG/KG	0.43 U MG/KG	0.42 U MG/KG	0.48 U MG/KG
SILVER	0.23 U MG/KG	0.23 U MG/KG	0.23 U MG/KG	0.23 U MG/KG	0.26 U MG/KG
SODIUM	96.5 U MG/KG	93.4 U MG/KG	95.2 U MG/KG	93.5 U MG/KG	107 U MG/KG
THALLIUM	0.47 U MG/KG	0.45 U MG/KG	0.46 U MG/KG	0.45 U MG/KG	0.52 U MG/KG
VANADIUM	4.3 MG/KG	3.0 MG/KG	2.3 MG/KG	4.3 MG/KG	1.9 MG/KG
ZINC	9.6 MG/KG	5.6 MG/KG	3.2 U MG/KG	3.7 U MG/KG	6.2 MG/KG
RADIOLOGICAL					
GROSS ALPHA	1.81 +/- 0.251 PCI/G	1.56 +/- 0.255 PCI/G	0.825 +/- 0.134 PCI/G	1.73 +/- 0.254 PCI/G	1.41 +/- 0.210 PCI/G
GROSS BETA	0.699 +/- 0.109 PCI/G	0.501 +/- 0.147 PCI/G	0.669 +/- 0.104 PCI/G	0.830 +/- 0.138 PCI/G	0.840 +/- 0.137 PCI/G

SAMPLE NUMBER SAMPLE DATE PARAMETER	NTCSSS6200 6/29/97 RESULTS	NTCSSS7000 6/29/97 RESULTS	NTCSSS7100 6/29/97 RESULTS	NTCSSS7200 6/29/97 RESULTS	NTCSSS8000 6/29/97 RESULTS	NTCSSS8000-D 6/29/97 RESULTS
VOLATILES						
1,1,1-TRICHLOROETHANE	5.6 U UG/KG	5.4 U UG/KG	5.5 U UG/KG	5.6 U UG/KG	5.2 U UG/KG	5.9 U UG/KG
1,1,2,2-TETRACHLOROETHANE	5.6 U UG/KG	5.4 U UG/KG	5.5 U UG/KG	5.6 U UG/KG	5.2 U UG/KG	5.9 U UG/KG
1,1,2-TRICHLOROETHANE	5.6 U UG/KG	5.4 U UG/KG	5.5 U UG/KG	5.6 U UG/KG	5.2 U UG/KG	5.9 U UG/KG
1,1-DICHLOROETHANE	5.6 U UG/KG	5.4 U UG/KG	5.5 U UG/KG	5.6 U UG/KG	5.2 U UG/KG	5.9 U UG/KG
1,1-DICHLOROETHENE	5.6 U UG/KG	5.4 U UG/KG	5.5 U UG/KG	5.6 U UG/KG	5.2 U UG/KG	5.9 U UG/KG
1,2-DICHLOROETHANE	5.6 U UG/KG	5.4 U UG/KG	5.5 U UG/KG	5.6 U UG/KG	5.2 U UG/KG	5.9 U UG/KG
1,2-DICHLOROPROPANE	5.6 U UG/KG	5.4 U UG/KG	5.5 U UG/KG	5.6 U UG/KG	5.2 U UG/KG	5.9 U UG/KG
2-BUTANONE	11 U UG/KG	11 U UG/KG	11 U UG/KG	11 U UG/KG	10 U UG/KG	12 U UG/KG
2-HEXANONE	11 U UG/KG	11 U UG/KG	11 U UG/KG	11 U UG/KG	10 U UG/KG	12 U UG/KG
4-METHYL-2-PENTANONE	11 U UG/KG	11 U UG/KG	11 U UG/KG	11 U UG/KG	10 U UG/KG	12 U UG/KG
ACETONE	212 J UG/KG	11 U UG/KG	11 UR UG/KG	11 UR UG/KG	10 UR UG/KG	12 UR UG/KG
BENZENE	5.6 U UG/KG	5.4 U UG/KG	5.5 U UG/KG	5.6 U UG/KG	5.2 U UG/KG	5.9 U UG/KG
BROMODICHLOROMETHANE	5.6 U UG/KG	5.4 U UG/KG	5.5 U UG/KG	5.6 U UG/KG	5.2 U UG/KG	5.9 U UG/KG
BROMOFORM	5.6 U UG/KG	5.4 U UG/KG	5.5 U UG/KG	5.6 U UG/KG	5.2 U UG/KG	5.9 U UG/KG
BROMOMETHANE	11 U UG/KG	11 U UG/KG	11 U UG/KG	11 U UG/KG	10 U UG/KG	12 U UG/KG
CARBON DISULFIDE	5.6 U UG/KG	5.4 U UG/KG	5.5 U UG/KG	5.6 U UG/KG	5.2 U UG/KG	5.9 U UG/KG
CARBON TETRACHLORIDE	5.6 U UG/KG	5.4 U UG/KG	5.5 U UG/KG	5.6 U UG/KG	5.2 U UG/KG	5.9 U UG/KG
CHLOROBENZENE	5.6 U UG/KG	5.4 U UG/KG	5.5 U UG/KG	5.6 U UG/KG	5.2 U UG/KG	5.9 U UG/KG
CHLOROETHANE	5.6 U UG/KG	5.4 U UG/KG	5.5 U UG/KG	5.6 U UG/KG	5.2 U UG/KG	5.9 U UG/KG
CHLOROFORM	5.6 U UG/KG	5.4 U UG/KG	5.5 U UG/KG	5.6 U UG/KG	5.2 U UG/KG	5.9 U UG/KG
CHLOROMETHANE	11 U UG/KG	11 U UG/KG	11 U UG/KG	11 U UG/KG	10 U UG/KG	12 U UG/KG
CIS-1,2-DICHLOROETHENE	5.6 U UG/KG	5.4 U UG/KG	5.5 U UG/KG	5.6 U UG/KG	5.2 U UG/KG	5.9 U UG/KG
CIS-1,3-DICHLOROPROPENE	5.6 U UG/KG	5.4 U UG/KG	5.5 U UG/KG	5.6 U UG/KG	5.2 U UG/KG	5.9 U UG/KG
DIBROMOCHLOROMETHANE	5.6 U UG/KG	5.4 U UG/KG	5.5 U UG/KG	5.6 U UG/KG	5.2 U UG/KG	5.9 U UG/KG
ETHYLBENZENE	5.6 U UG/KG	5.4 U UG/KG	5.5 U UG/KG	5.6 U UG/KG	5.2 U UG/KG	5.9 U UG/KG
METHYLENE CHLORIDE	5.6 U UG/KG	5.4 U UG/KG	5.5 U UG/KG	5.6 U UG/KG	5.2 U UG/KG	5.9 U UG/KG
STYRENE	5.6 U UG/KG	5.4 U UG/KG	5.5 U UG/KG	5.6 U UG/KG	5.2 U UG/KG	5.9 U UG/KG
TETRACHLOROETHENE	5.6 U UG/KG	5.4 U UG/KG	5.5 U UG/KG	5.6 U UG/KG	5.2 U UG/KG	5.9 U UG/KG
TOLUENE	5.6 U UG/KG	5.4 U UG/KG	9.4 J UG/KG	5.6 U UG/KG	5.2 U UG/KG	5.9 U UG/KG
TRANS-1,2-DICHLOROETHENE	5.6 U UG/KG	5.4 U UG/KG	5.5 U UG/KG	5.6 U UG/KG	5.2 U UG/KG	5.9 U UG/KG
TRANS-1,3-DICHLOROPROPENE	5.6 U UG/KG	5.4 U UG/KG	5.5 U UG/KG	5.6 U UG/KG	5.2 U UG/KG	5.9 U UG/KG
TRICHLOROETHENE	5.6 U UG/KG	5.4 U UG/KG	5.5 U UG/KG	5.6 U UG/KG	5.2 U UG/KG	5.9 U UG/KG
VINYL CHLORIDE	5.6 U UG/KG	5.4 U UG/KG	5.5 U UG/KG	5.6 U UG/KG	5.2 U UG/KG	5.9 U UG/KG
XYLENES, TOTAL	5.6 U UG/KG	5.4 U UG/KG	6.0 J UG/KG	5.6 U UG/KG	5.2 U UG/KG	5.9 U UG/KG
SEMIVOLATILES						
1,2,4-TRICHLOROBENZENE	1500 UJ UG/KG	370 U UG/KG	370 U UG/KG	1500 UJ UG/KG	370 U UG/KG	370 U UG/KG

SAMPLE NUMBER	NTCSSS6200	NTCSSS7000	NTCSSS7100	NTCSSS7200	NTCSSS8000	NTCSSS8000-D
SAMPLE DATE	6/29/97	6/29/97	6/29/97	6/29/97	6/29/97	6/29/97
PARAMETER	RESULTS	RESULTS	RESULTS	RESULTS	RESULTS	RESULTS
1,2-DICHLOROBENZENE	1500 UJ UG/KG	370 U UG/KG	370 U UG/KG	1500 UJ UG/KG	370 U UG/KG	370 U UG/KG
1,3-DICHLOROBENZENE	1500 UJ UG/KG	370 U UG/KG	370 U UG/KG	1500 UJ UG/KG	370 U UG/KG	370 U UG/KG
1,4-DICHLOROBENZENE	1500 UJ UG/KG	370 U UG/KG	370 U UG/KG	1500 UJ UG/KG	370 U UG/KG	370 U UG/KG
2,4,5-TRICHLOROPHENOL	1500 UJ UG/KG	370 U UG/KG	370 U UG/KG	1500 UJ UG/KG	370 U UG/KG	370 U UG/KG
2,4,6-TRICHLOROPHENOL	1500 UJ UG/KG	370 U UG/KG	370 U UG/KG	1500 UJ UG/KG	370 U UG/KG	370 U UG/KG
2,4-DICHLOROPHENOL	1500 UJ UG/KG	370 U UG/KG	370 U UG/KG	1500 UJ UG/KG	370 U UG/KG	370 U UG/KG
2,4-DIMETHYLPHENOL	3700 UJ UG/KG	920 U UG/KG	920 U UG/KG	3800 UJ UG/KG	930 U UG/KG	940 U UG/KG
2,4-DINITROPHENOL	3700 UJ UG/KG	920 U UG/KG	920 U UG/KG	3800 UJ UG/KG	930 U UG/KG	940 U UG/KG
2,4-DINITROTOLUENE	1500 UJ UG/KG	370 U UG/KG	370 U UG/KG	1500 UJ UG/KG	370 U UG/KG	370 U UG/KG
2,6-DINITROTOLUENE	1500 UJ UG/KG	370 U UG/KG	370 U UG/KG	1500 UJ UG/KG	370 U UG/KG	370 U UG/KG
2-CHLORONAPHTHALENE	1500 UJ UG/KG	370 U UG/KG	370 U UG/KG	1500 UJ UG/KG	370 U UG/KG	370 U UG/KG
2-CHLOROPHENOL	1500 UJ UG/KG	370 U UG/KG	370 U UG/KG	1500 UJ UG/KG	370 U UG/KG	370 U UG/KG
2-METHYLNAPHTHALENE	1500 UJ UG/KG	370 U UG/KG	370 U UG/KG	1500 UJ UG/KG	370 U UG/KG	370 U UG/KG
2-METHYLPHENOL	1500 UJ UG/KG	370 U UG/KG	370 U UG/KG	1500 UJ UG/KG	370 U UG/KG	370 U UG/KG
2-NITROANILINE	1500 UJ UG/KG	370 U UG/KG	370 U UG/KG	1500 UJ UG/KG	370 U UG/KG	370 U UG/KG
2-NITROPHENOL	1500 UJ UG/KG	370 U UG/KG	370 U UG/KG	1500 UJ UG/KG	370 U UG/KG	370 U UG/KG
3&4-METHYLPHENOL	1500 UJ UG/KG	370 U UG/KG	370 U UG/KG	1500 UJ UG/KG	370 U UG/KG	370 U UG/KG
3,3'-DICHLOROBENZIDINE	3700 UJ UG/KG	920 UJ UG/KG	920 U UG/KG	3800 UJ UG/KG	930 U UG/KG	940 U UG/KG
3-NITROANILINE	1500 UJ UG/KG	370 U UG/KG	370 U UG/KG	1500 UJ UG/KG	370 U UG/KG	370 U UG/KG
4,6-DINITRO-2-METHYLPHENOL	1500 UJ UG/KG	370 U UG/KG	370 U UG/KG	1500 UJ UG/KG	370 U UG/KG	370 U UG/KG
4-BROMOPHENYL PHENYL ETHER	1500 UJ UG/KG	370 U UG/KG	370 U UG/KG	1500 UJ UG/KG	370 U UG/KG	370 U UG/KG
4-CHLORO-3-METHYLPHENOL	3700 UJ UG/KG	920 U UG/KG	920 U UG/KG	3800 UJ UG/KG	930 U UG/KG	940 U UG/KG
4-CHLOROANILINE	1500 UJ UG/KG	370 U UG/KG	370 U UG/KG	1500 UJ UG/KG	370 U UG/KG	370 U UG/KG
4-CHLOROPHENYL PHENYL ETHER	1500 UJ UG/KG	370 U UG/KG	370 U UG/KG	1500 UJ UG/KG	370 U UG/KG	370 U UG/KG
4-NITROANILINE	1500 UJ UG/KG	370 U UG/KG	370 U UG/KG	1500 UJ UG/KG	370 U UG/KG	370 U UG/KG
4-NITROPHENOL	3700 UJ UG/KG	920 U UG/KG	920 U UG/KG	3800 UJ UG/KG	930 U UG/KG	940 U UG/KG
ACENAPHTHENE	1500 UJ UG/KG	370 U UG/KG	370 U UG/KG	1500 UJ UG/KG	370 U UG/KG	370 U UG/KG
ACENAPHTHYLENE	1500 UJ UG/KG	370 U UG/KG	370 U UG/KG	1500 UJ UG/KG	370 U UG/KG	370 U UG/KG
ANTHRACENE	1500 UJ UG/KG	370 U UG/KG	370 U UG/KG	1500 UJ UG/KG	370 U UG/KG	370 U UG/KG
BENZO(A)ANTHRACENE	1050 J UG/KG	370 UJ UG/KG	370 U UG/KG	497 J UG/KG	370 U UG/KG	370 U UG/KG
BENZO(A)PYRENE	1030 J UG/KG	123 UG/KG	92 U UG/KG	499 J UG/KG	93 U UG/KG	94 U UG/KG
BENZO(B)FLUORANTHENE	1090 J UG/KG	370 U UG/KG	370 U UG/KG	1500 UJ UG/KG	370 U UG/KG	370 U UG/KG
BENZO(G,H,I)PERYLENE	1390 J UG/KG	370 U UG/KG	370 U UG/KG	1500 UJ UG/KG	370 U UG/KG	370 U UG/KG
BENZO(K)FLUORANTHENE	586 J UG/KG	370 U UG/KG	370 U UG/KG	1500 UJ UG/KG	370 U UG/KG	370 U UG/KG
BIS(2-CHLOROETHOXY)METHANE	1500 UJ UG/KG	370 U UG/KG	370 U UG/KG	1500 UJ UG/KG	370 U UG/KG	370 U UG/KG
BIS(2-CHLOROETHYL)ETHER	1500 UJ UG/KG	370 U UG/KG	370 U UG/KG	1500 UJ UG/KG	370 U UG/KG	370 U UG/KG
BIS(2-CHLOROISOPROPYL) ETHER	1500 UJ UG/KG	370 U UG/KG	370 U UG/KG	1500 UJ UG/KG	370 U UG/KG	370 U UG/KG

SURFACE SOIL SAMPLES

SAMPLE NUMBER	NTCSSS6200	NTCSSS7000	NTCSSS7100	NTCSSS7200	NTCSSS8000	NTCSSS8000-D
SAMPLE DATE	6/29/97	6/29/97	6/29/97	6/29/97	6/29/97	6/29/97
PARAMETER	RESULTS	RESULTS	RESULTS	RESULTS	RESULTS	RESULTS
BIS(2-ETHYLHEXYL)PHTHALATE	1500 UJ UG/KG	370 UJ UG/KG	370 U UG/KG	1500 UJ UG/KG	370 U UG/KG	370 U UG/KG
BUTYLBENZYL PHTHALATE	1500 UJ UG/KG	370 UJ UG/KG	370 U UG/KG	1500 UJ UG/KG	370 U UG/KG	370 U UG/KG
CARBAZOLE	1500 UJ UG/KG	370 U UG/KG	370 U UG/KG	1500 UJ UG/KG	370 U UG/KG	370 U UG/KG
CHRYSENE	1130 J UG/KG	370 UJ UG/KG	370 U UG/KG	517 J UG/KG	370 U UG/KG	370 U UG/KG
DI-N-BUTYL PHTHALATE	1500 UJ UG/KG	370 U UG/KG	370 U UG/KG	1500 UJ UG/KG	370 U UG/KG	370 U UG/KG
DI-N-OCTYL PHTHALATE	1500 UJ UG/KG	370 U UG/KG	370 U UG/KG	1500 UJ UG/KG	370 U UG/KG	370 U UG/KG
DIBENZO(A,H)ANTHRACENE	353 J UG/KG	92 U UG/KG	92 U UG/KG	200 J UG/KG	93 U UG/KG	94 U UG/KG
DIBENZOFURAN	1500 UJ UG/KG	370 U UG/KG	370 U UG/KG	1500 UJ UG/KG	370 U UG/KG	370 U UG/KG
DIETHYL PHTHALATE	1500 UJ UG/KG	370 U UG/KG	370 U UG/KG	1500 UJ UG/KG	370 U UG/KG	370 U UG/KG
DIMETHYL PHTHALATE	1500 UJ UG/KG	370 U UG/KG	370 U UG/KG	1500 UJ UG/KG	370 U UG/KG	370 U UG/KG
FLUORANTHENE	1670 J UG/KG	370 U UG/KG	370 U UG/KG	789 J UG/KG	370 U UG/KG	370 U UG/KG
FLUORENE	1500 UJ UG/KG	370 U UG/KG	370 U UG/KG	1500 UJ UG/KG	370 U UG/KG	370 U UG/KG
HEXACHLOROBENZENE	1500 UJ UG/KG	370 U UG/KG	370 U UG/KG	1500 UJ UG/KG	370 U UG/KG	370 U UG/KG
HEXACHLOROBUTADIENE	1500 UJ UG/KG	370 U UG/KG	370 U UG/KG	1500 UJ UG/KG	370 U UG/KG	370 U UG/KG
HEXACHLOROCYCLOPENTADIENE	1500 UJ UG/KG	370 U UG/KG	370 U UG/KG	1500 UJ UG/KG	370 U UG/KG	370 U UG/KG
HEXACHLOROETHANE	1500 UJ UG/KG	370 U UG/KG	370 U UG/KG	1500 UJ UG/KG	370 U UG/KG	370 U UG/KG
INDENO(1,2,3-CD)PYRENE	1170 J UG/KG	370 U UG/KG	370 U UG/KG	1500 UJ UG/KG	370 U UG/KG	370 U UG/KG
ISOPHORONE	1500 UJ UG/KG	370 U UG/KG	370 U UG/KG	1500 UJ UG/KG	370 U UG/KG	370 U UG/KG
N-NITROSO-DI-N-PROPYLAMINE	74 UJ UG/KG	18 U UG/KG	18 U UG/KG	75 UJ UG/KG	19 U UG/KG	19 U UG/KG
N-NITROSODIPHENYLAMINE	1500 UJ UG/KG	370 U UG/KG	370 U UG/KG	1500 UJ UG/KG	370 U UG/KG	370 U UG/KG
NAPHTHALENE	1500 UJ UG/KG	370 U UG/KG	370 U UG/KG	1500 UJ UG/KG	370 U UG/KG	370 U UG/KG
NITROBENZENE	1500 UJ UG/KG	370 U UG/KG	370 U UG/KG	1500 UJ UG/KG	370 U UG/KG	370 U UG/KG
PHENANTHRENE	571 J UG/KG	370 U UG/KG	370 U UG/KG	1500 UJ UG/KG	370 U UG/KG	370 U UG/KG
PHENOL	1500 UJ UG/KG	370 U UG/KG	370 U UG/KG	1500 UJ UG/KG	370 U UG/KG	370 U UG/KG
PYRENE	1240 J UG/KG	370 UJ UG/KG	370 U UG/KG	562 J UG/KG	370 U UG/KG	370 U UG/KG
HERBICIDES						
2,4,5-T	1.4 U UG/KG	1.4 U UG/KG	1.4 U UG/KG	1.4 U UG/KG	1.4 U UG/KG	1.5 U UG/KG
2,4,5-TP (SILVEX)	1.7 U UG/KG	1.7 U UG/KG	1.6 U UG/KG	1.7 U UG/KG	1.6 U UG/KG	1.8 U UG/KG
2,4-D	7.8 U UG/KG	7.7 U UG/KG	7.6 U UG/KG	7.8 U UG/KG	7.4 U UG/KG	8.2 U UG/KG
2,4-DB	4.5 U UG/KG	4.4 U UG/KG	4.4 U UG/KG	4.5 U UG/KG	4.2 U UG/KG	4.7 U UG/KG
DALAPON	9 U UG/KG	8.8 U UG/KG	8.7 U UG/KG	8.9 U UG/KG	8.4 U UG/KG	9.4 U UG/KG
DICAMBA	4.5 U UG/KG	4.4 U UG/KG	4.4 U UG/KG	4.5 U UG/KG	4.2 U UG/KG	4.7 U UG/KG
DICHLOROPROP	22 U UG/KG	22 U UG/KG	22 U UG/KG	22 U UG/KG	21 U UG/KG	24 U UG/KG
DINOSEB	4.5 U UG/KG	4.4 U UG/KG	4.4 U UG/KG	4.5 U UG/KG	4.2 U UG/KG	4.7 U UG/KG
MCPA	2200 U UG/KG	2200 U UG/KG	2200 U UG/KG	2200 U UG/KG	2100 U UG/KG	2400 U UG/KG
MCPP	1100 U UG/KG	1100 U UG/KG	1100 U UG/KG	1100 U UG/KG	1000 U UG/KG	1200 U UG/KG
PENTACHLOROPHENOL	2.2 U UG/KG	4.5 UG/KG	2.2 U UG/KG	2.2 U UG/KG	2.1 U UG/KG	2.4 U UG/KG

SURFACE SOIL SAMPLES

SAMPLE NUMBER	NTCSSS6200	NTCSSS7000	NTCSSS7100	NTCSSS7200	NTCSSS8000	NTCSSS8000-D
SAMPLE DATE	6/29/97	6/29/97	6/29/97	6/29/97	6/29/97	6/29/97
PARAMETER	RESULTS	RESULTS	RESULTS	RESULTS	RESULTS	RESULTS
PESTICIDES/PCBS						
4,4'-DDD	2.2 U UG/KG	2.0 U UG/KG	2.0 U UG/KG	2.0 U UG/KG	1.9 U UG/KG	2.1 U UG/KG
4,4'-DDE	1.0 U UG/KG	0.94 U UG/KG	0.94 U UG/KG	0.96 U UG/KG	0.91 U UG/KG	1.0 U UG/KG
4,4'-DDT	4.8 U UG/KG	4.3 U UG/KG	4.4 U UG/KG	4.4 U UG/KG	4.2 U UG/KG	4.7 U UG/KG
ALDRIN	3.8 U UG/KG	3.4 U UG/KG	3.4 U UG/KG	3.5 U UG/KG	3.3 U UG/KG	3.7 U UG/KG
ALPHA-BHC	0.84 U UG/KG	0.76 U UG/KG	0.76 U UG/KG	0.77 U UG/KG	0.73 U UG/KG	0.82 U UG/KG
ALPHA-CHLORDANE	0.88 U UG/KG	0.80 U UG/KG	0.80 U UG/KG	0.81 U UG/KG	0.77 U UG/KG	0.86 U UG/KG
AROCLOR-1016					18 U UG/KG	21 U UG/KG
AROCLOR-1221					6.6 U UG/KG	7.4 U UG/KG
AROCLOR-1232					15 U UG/KG	16 U UG/KG
AROCLOR-1242					10 U UG/KG	11 U UG/KG
AROCLOR-1248					7.7 U UG/KG	8.6 U UG/KG
AROCLOR-1254					12 U UG/KG	13 U UG/KG
AROCLOR-1260					16 U UG/KG	18 U UG/KG
BETA-BHC	1.2 U UG/KG	1.1 U UG/KG	1.1 U UG/KG	1.1 U UG/KG	1.0 U UG/KG	1.2 U UG/KG
DELTA-BHC	1.5 U UG/KG	1.3 U UG/KG	1.3 U UG/KG	1.4 U UG/KG	1.3 U UG/KG	1.4 U UG/KG
DIELDRIN	1.0 U UG/KG	0.94 U UG/KG	0.94 U UG/KG	0.96 U UG/KG	0.91 U UG/KG	1.0 U UG/KG
ENDOSULFAN I	1.1 U UG/KG	0.98 U UG/KG	0.98 U UG/KG	0.99 U UG/KG	0.94 U UG/KG	1.0 U UG/KG
ENDOSULFAN II	1.4 U UG/KG	1.2 U UG/KG	1.2 U UG/KG	1.2 U UG/KG	1.2 U UG/KG	1.3 U UG/KG
ENDOSULFAN SULFATE	4.4 U UG/KG	4.0 U UG/KG	4.0 U UG/KG	4.0 U UG/KG	3.8 U UG/KG	4.3 U UG/KG
ENDRIN	1.7 U UG/KG	1.6 U UG/KG	1.6 U UG/KG	1.6 U UG/KG	1.5 U UG/KG	1.7 U UG/KG
ENDRIN ALDEHYDE	1.6 U UG/KG	1.4 U UG/KG	1.4 U UG/KG	1.5 U UG/KG	1.4 U UG/KG	1.6 U UG/KG
ENDRIN KETONE	8.0 U UG/KG	7.2 U UG/KG	7.3 U UG/KG	7.4 U UG/KG	7.0 U UG/KG	7.8 U UG/KG
GAMMA-BHC (LINDANE)	0.88 U UG/KG	0.80 U UG/KG	0.80 U UG/KG	0.81 U UG/KG	0.77 U UG/KG	0.86 U UG/KG
GAMMA-CHLORDANE	1.0 U UG/KG	0.90 U UG/KG	0.91 U UG/KG	0.92 U UG/KG	0.87 U UG/KG	0.98 U UG/KG
HEPTACHLOR	1.0 U UG/KG	0.94 U UG/KG	1.4 UG/KG	0.96 U UG/KG	0.91 U UG/KG	1.0 U UG/KG
HEPTACHLOR EPOXIDE	1.1 U UG/KG	0.98 U UG/KG	0.98 U UG/KG	0.99 U UG/KG	0.94 U UG/KG	1.0 U UG/KG
METHOXYCHLOR	7.2 U UG/KG	6.5 U UG/KG	6.5 U UG/KG	6.6 U UG/KG	6.3 U UG/KG	7.0 U UG/KG
TOXAPHENE	80 U UG/KG	72 U UG/KG	73 U UG/KG	74 U UG/KG	70 U UG/KG	78 U UG/KG
PETROLEUM HYDROCARBONS						
DIESEL RANGE ORGANICS	43.6 MG/KG	10.5 MG/KG	17.7 MG/KG	22 MG/KG	9.3 U MG/KG	9.4 U MG/KG
GASOLINE RANGE ORGANICS	0.11 U MG/KG	0.11 U MG/KG	0.11 U MG/KG	0.11 U MG/KG	0.11 U MG/KG	0.11 U MG/KG
MISC						
CATION EX. CAPACITY				2250 MG/KG		
TOTAL ORGANIC CARBON				14300 MG/KG		
METALS						
ALUMINUM	2650 MG/KG	4260 MG/KG	1670 MG/KG	2200 MG/KG	963 MG/KG	1090 MG/KG

SURFACE SOIL SAMPLES

SAMPLE NUMBER	NTCSSS6200	NTCSSS7000	NTCSSS7100	NTCSSS7200	NTCSSS8000	NTCSSS8000-D
SAMPLE DATE	6/29/97	6/29/97	6/29/97	6/29/97	6/29/97	6/29/97
PARAMETER	RESULTS	RESULTS	RESULTS	RESULTS	RESULTS	RESULTS
ANTIMONY	0.30 U MG/KG	0.30 U MG/KG	0.30 U MG/KG	0.30 U MG/KG	0.28 U MG/KG	0.32 U MG/KG
ARSENIC	3.9 MG/KG	1.3 MG/KG	1.2 MG/KG	1.7 MG/KG	3.3 MG/KG	3.4 MG/KG
BARIUM	10.3 MG/KG	8.6 U MG/KG	4.0 U MG/KG	5.6 MG/KG	3.1 U MG/KG	3.4 U MG/KG
BERYLLIUM	0.07 U MG/KG	0.09 U MG/KG	0.03 U MG/KG	0.04 U MG/KG	0.02 U MG/KG	0.03 U MG/KG
CADMIUM	0.06 U MG/KG	0.07 MG/KG	0.06 U MG/KG	0.06 U MG/KG	0.06 MG/KG	0.06 U MG/KG
CALCIUM	1370 MG/KG	656 MG/KG	666 MG/KG	3650 MG/KG	796 MG/KG	1160 MG/KG
CHROMIUM	4.0 MG/KG	4.4 MG/KG	2.1 MG/KG	3.0 MG/KG	3.5 MG/KG	6.5 MG/KG
COBALT	0.19 U MG/KG	0.25 MG/KG	0.19 U MG/KG	0.19 U MG/KG	0.18 U MG/KG	0.20 U MG/KG
COPPER	1.8 U MG/KG	1.5 MG/KG	1.6 MG/KG	2.4 MG/KG	2.3 MG/KG	3.0 MG/KG
CYANIDE	1.1 U MG/KG	1.1 UR MG/KG	1.1 UR MG/KG	1.13 U MG/KG	1.1 UR MG/KG	1.1 UR MG/KG
IRON	831 J MG/KG	884 MG/KG	293 MG/KG	396 J MG/KG	266 MG/KG	342 MG/KG
LEAD	7.1 MG/KG	5.1 MG/KG	4.4 MG/KG	6.4 MG/KG	3.1 MG/KG	3.5 MG/KG
MAGNESIUM	55.2 MG/KG	95.7 MG/KG	73.7 MG/KG	72.3 MG/KG	51.3 MG/KG	66.3 MG/KG
MANGANESE	8.0 MG/KG	3.5 MG/KG	2.3 MG/KG	3.7 MG/KG	17.1 MG/KG	21.2 MG/KG
MERCURY	0.09 U MG/KG	0.09 U MG/KG	0.09 U MG/KG	0.09 U MG/KG	0.13 MG/KG	0.10 U MG/KG
NICKEL	0.80 MG/KG	1.7 MG/KG	0.51 MG/KG	0.73 MG/KG	0.35 MG/KG	0.64 MG/KG
POTASSIUM	41.4 MG/KG	35.0 MG/KG	43.9 MG/KG	30.3 MG/KG	15.3 MG/KG	18.1 MG/KG
SELENIUM	0.41 U MG/KG	0.41 U MG/KG	0.41 U MG/KG	0.41 U MG/KG	0.39 U MG/KG	0.44 U MG/KG
SILVER	0.22 U MG/KG	0.22 U MG/KG	0.22 U MG/KG	0.22 U MG/KG	0.47 MG/KG	0.41 MG/KG
SODIUM	92.5 U MG/KG	91.0 U MG/KG	90.5 U MG/KG	92.3 U MG/KG	86.8 U MG/KG	97.1 U MG/KG
THALLIUM	0.45 U MG/KG	0.44 U MG/KG	0.44 U MG/KG	0.45 U MG/KG	0.42 U MG/KG	0.47 U MG/KG
VANADIUM	2.8 MG/KG	5.8 MG/KG	1.1 MG/KG	1.7 MG/KG	1.1 U MG/KG	1.4 U MG/KG
ZINC	4.5 MG/KG	8.3 MG/KG	4.0 U MG/KG	6.5 MG/KG	6.7 MG/KG	6.5 MG/KG
RADIOLOGICAL						
GROSS ALPHA	1.75 +/- 0.246 PCI/G	2.80 +/- 0.370 PCI/G	1.14 +/- 0.170 PCI/G	1.19 +/- 0.185 PCI/G	0.901 +/- 0.141 PCI/G	0.922 +/- 0.144 PCI/G
GROSS BETA	0.852 +/- 0.139 PCI/G	1.53 +/- 0.189 PCI/G	0.599 +/- 0.101 PCI/G	0.804 +/- 0.135 PCI/G	0.360 +/- 0.081 PCI/G	0.483 +/- 0.090 PCI/G

SAMPLE NUMBER	NTCSSS8100	NTCSSS8200	NTCSSS8300	NTCSSS9000	NTCSSS9100
SAMPLE DATE	6/29/97	6/29/97	6/29/97	6/29/97	6/29/97
PARAMETER	RESULTS	RESULTS	RESULTS	RESULTS	RESULTS
VOLATILES					
1,1,1-TRICHLOROETHANE	5.6 U UG/KG	6.0 U UG/KG	5.8 U UG/KG	5.6 U UG/KG	5.5 U UG/KG
1,1,2,2-TETRACHLOROETHANE	5.6 U UG/KG	6.0 U UG/KG	5.8 U UG/KG	5.6 U UG/KG	5.5 U UG/KG
1,1,2-TRICHLOROETHANE	5.6 U UG/KG	6.0 U UG/KG	5.8 U UG/KG	5.6 U UG/KG	5.5 U UG/KG
1,1-DICHLOROETHANE	5.6 U UG/KG	6.0 U UG/KG	5.8 U UG/KG	5.6 U UG/KG	5.5 U UG/KG
1,1-DICHLOROETHENE	5.6 U UG/KG	6.0 U UG/KG	5.8 U UG/KG	5.6 U UG/KG	5.5 U UG/KG
1,2-DICHLOROETHANE	5.6 U UG/KG	6.0 U UG/KG	5.8 U UG/KG	5.6 U UG/KG	5.5 U UG/KG
1,2-DICHLOROPROPANE	5.6 U UG/KG	6.0 U UG/KG	5.8 U UG/KG	5.6 U UG/KG	5.5 U UG/KG
2-BUTANONE	11 U UG/KG	12 U UG/KG	12 U UG/KG	11 U UG/KG	11 U UG/KG
2-HEXANONE	11 U UG/KG	12 U UG/KG	12 U UG/KG	11 U UG/KG	11 U UG/KG
4-METHYL-2-PENTANONE	11 U UG/KG	12 U UG/KG	12 UJ UG/KG	11 U UG/KG	11 U UG/KG
ACETONE	11 UR UG/KG	12 UR UG/KG	12 U UG/KG	11 UR UG/KG	11 UR UG/KG
BENZENE	5.6 U UG/KG	6.0 U UG/KG	5.8 U UG/KG	5.6 U UG/KG	5.5 U UG/KG
BROMODICHLOROMETHANE	5.6 U UG/KG	6.0 U UG/KG	5.8 U UG/KG	5.6 U UG/KG	5.5 U UG/KG
BROMOFORM	5.6 U UG/KG	6.0 U UG/KG	5.8 U UG/KG	5.6 U UG/KG	5.5 U UG/KG
BROMOMETHANE	11 U UG/KG	12 U UG/KG	12 U UG/KG	11 U UG/KG	11 U UG/KG
CARBON DISULFIDE	5.6 U UG/KG	6.0 U UG/KG	5.8 U UG/KG	5.6 U UG/KG	5.5 U UG/KG
CARBON TETRACHLORIDE	5.6 U UG/KG	6.0 U UG/KG	5.8 U UG/KG	5.6 U UG/KG	5.5 U UG/KG
CHLOROBENZENE	5.6 U UG/KG	6.0 U UG/KG	5.8 U UG/KG	5.6 U UG/KG	5.5 U UG/KG
CHLOROETHANE	5.6 U UG/KG	6.0 U UG/KG	5.8 U UG/KG	5.6 U UG/KG	5.5 U UG/KG
CHLOROFORM	5.6 U UG/KG	6.0 U UG/KG	5.8 U UG/KG	5.6 U UG/KG	5.5 U UG/KG
CHLOROMETHANE	11 U UG/KG	12 U UG/KG	12 U UG/KG	11 U UG/KG	11 U UG/KG
CIS-1,2-DICHLOROETHENE	5.6 U UG/KG	6.0 U UG/KG	5.8 U UG/KG	5.6 U UG/KG	5.5 U UG/KG
CIS-1,3-DICHLOROPROPENE	5.6 U UG/KG	6.0 U UG/KG	5.8 U UG/KG	5.6 U UG/KG	5.5 U UG/KG
DIBROMOCHLOROMETHANE	5.6 U UG/KG	6.0 U UG/KG	5.8 U UG/KG	5.6 U UG/KG	5.5 U UG/KG
ETHYLBENZENE	5.6 U UG/KG	6.0 U UG/KG	5.8 U UG/KG	5.6 U UG/KG	5.5 U UG/KG
METHYLENE CHLORIDE	5.6 U UG/KG	6.0 U UG/KG	5.8 U UG/KG	5.6 U UG/KG	5.5 U UG/KG
STYRENE	5.6 U UG/KG	6.0 U UG/KG	5.8 U UG/KG	5.6 U UG/KG	5.5 U UG/KG
TETRACHLOROETHENE	5.6 U UG/KG	6.0 U UG/KG	5.8 UJ UG/KG	5.6 U UG/KG	5.5 U UG/KG
TOLUENE	5.6 U UG/KG	6.0 U UG/KG	5.8 U UG/KG	5.0 UG/KG	5.5 U UG/KG
TRANS-1,2-DICHLOROETHENE	5.6 U UG/KG	6.0 U UG/KG	5.8 U UG/KG	5.6 U UG/KG	5.5 U UG/KG
TRANS-1,3-DICHLOROPROPENE	5.6 U UG/KG	6.0 U UG/KG	5.8 U UG/KG	5.6 U UG/KG	5.5 U UG/KG
TRICHLOROETHENE	5.6 U UG/KG	6.0 U UG/KG	5.8 U UG/KG	5.6 U UG/KG	5.5 U UG/KG
VINYL CHLORIDE	5.6 U UG/KG	6.0 U UG/KG	5.8 U UG/KG	5.6 U UG/KG	5.5 U UG/KG
XYLENES, TOTAL	5.6 U UG/KG	6.0 U UG/KG	5.8 U UG/KG	5.6 U UG/KG	5.5 U UG/KG
SEMIVOLATILES					
1,2,4-TRICHLOROBENZENE	370 U UG/KG	1500 UJ UG/KG	380 U UG/KG	360 U UG/KG	370 U UG/KG

SAMPLE NUMBER	NTCSSS8100	NTCSSS8200	NTCSSS8300	NTCSSS9000	NTCSSS9100
SAMPLE DATE	6/29/97	6/29/97	6/29/97	6/29/97	6/29/97
PARAMETER	RESULTS	RESULTS	RESULTS	RESULTS	RESULTS
1,2-DICHLOROBENZENE	370 U UG/KG	1500 UJ UG/KG	380 U UG/KG	360 U UG/KG	370 U UG/KG
1,3-DICHLOROBENZENE	370 U UG/KG	1500 UJ UG/KG	380 U UG/KG	360 U UG/KG	370 U UG/KG
1,4-DICHLOROBENZENE	370 U UG/KG	1500 UJ UG/KG	380 U UG/KG	360 U UG/KG	370 U UG/KG
2,4,5-TRICHLOROPHENOL	370 U UG/KG	1500 UJ UG/KG	380 U UG/KG	360 U UG/KG	370 U UG/KG
2,4,6-TRICHLOROPHENOL	370 U UG/KG	1500 UJ UG/KG	380 U UG/KG	360 U UG/KG	370 U UG/KG
2,4-DICHLOROPHENOL	370 U UG/KG	1500 UJ UG/KG	380 U UG/KG	360 U UG/KG	370 U UG/KG
2,4-DIMETHYLPHENOL	930 U UG/KG	3900 UJ UG/KG	940 U UG/KG	900 U UG/KG	920 U UG/KG
2,4-DINITROPHENOL	930 U UG/KG	3900 UJ UG/KG	940 U UG/KG	900 U UG/KG	920 U UG/KG
2,4-DINITROTOLUENE	370 U UG/KG	1500 UJ UG/KG	380 U UG/KG	360 U UG/KG	370 U UG/KG
2,6-DINITROTOLUENE	370 U UG/KG	1500 UJ UG/KG	380 U UG/KG	360 U UG/KG	370 U UG/KG
2-CHLORONAPHTHALENE	370 U UG/KG	1500 UJ UG/KG	380 U UG/KG	360 U UG/KG	370 U UG/KG
2-CHLOROPHENOL	370 U UG/KG	1500 UJ UG/KG	380 U UG/KG	360 U UG/KG	370 U UG/KG
2-METHYLNAPHTHALENE	370 U UG/KG	1500 UJ UG/KG	380 U UG/KG	360 U UG/KG	370 U UG/KG
2-METHYLPHENOL	370 U UG/KG	1500 UJ UG/KG	380 U UG/KG	360 U UG/KG	370 U UG/KG
2-NITROANILINE	370 U UG/KG	1500 UJ UG/KG	380 U UG/KG	360 U UG/KG	370 U UG/KG
2-NITROPHENOL	370 U UG/KG	1500 UJ UG/KG	380 U UG/KG	360 U UG/KG	370 U UG/KG
3&4-METHYLPHENOL	370 U UG/KG	1500 UJ UG/KG	380 U UG/KG	360 U UG/KG	370 U UG/KG
3,3'-DICHLOROBENZIDINE	930 U UG/KG	3900 UJ UG/KG	940 UJ UG/KG	900 UJ UG/KG	920 U UG/KG
3-NITROANILINE	370 U UG/KG	1500 UJ UG/KG	380 U UG/KG	360 U UG/KG	370 U UG/KG
4,6-DINITRO-2-METHYLPHENOL	370 U UG/KG	1500 UJ UG/KG	380 U UG/KG	360 U UG/KG	370 U UG/KG
4-BROMOPHENYL PHENYL ETHER	370 U UG/KG	1500 UJ UG/KG	380 U UG/KG	360 U UG/KG	370 U UG/KG
4-CHLORO-3-METHYLPHENOL	930 U UG/KG	3900 UJ UG/KG	940 U UG/KG	900 U UG/KG	920 U UG/KG
4-CHLOROANILINE	370 U UG/KG	1500 UJ UG/KG	380 U UG/KG	360 U UG/KG	370 U UG/KG
4-CHLOROPHENYL PHENYL ETHER	370 U UG/KG	1500 UJ UG/KG	380 U UG/KG	360 U UG/KG	370 U UG/KG
4-NITROANILINE	370 U UG/KG	1500 UJ UG/KG	380 U UG/KG	360 U UG/KG	370 U UG/KG
4-NITROPHENOL	930 U UG/KG	3900 UJ UG/KG	940 U UG/KG	900 U UG/KG	920 U UG/KG
ACENAPHTHENE	370 U UG/KG	1500 UJ UG/KG	380 U UG/KG	360 U UG/KG	370 U UG/KG
ACENAPHTHYLENE	370 U UG/KG	1500 UJ UG/KG	380 U UG/KG	360 U UG/KG	370 U UG/KG
ANTHRACENE	370 U UG/KG	1500 UJ UG/KG	380 U UG/KG	360 U UG/KG	370 U UG/KG
BENZO(A)ANTHRACENE	370 U UG/KG	900 J UG/KG	380 UJ UG/KG	360 UJ UG/KG	370 U UG/KG
BENZO(A)PYRENE	93 U UG/KG	923 J UG/KG	94 UJ UG/KG	90 UJ UG/KG	254 UG/KG
BENZO(B)FLUORANTHENE	370 U UG/KG	676 J UG/KG	380 U UG/KG	360 UJ UG/KG	370 U UG/KG
BENZO(G,H,I)PERYLENE	370 U UG/KG	876 J UG/KG	380 U UG/KG	360 UJ UG/KG	370 U UG/KG
BENZO(K)FLUORANTHENE	370 U UG/KG	755 J UG/KG	380 U UG/KG	360 UJ UG/KG	370 U UG/KG
BIS(2-CHLOROETHOXY)METHANE	370 U UG/KG	1500 UJ UG/KG	380 U UG/KG	360 U UG/KG	370 U UG/KG
BIS(2-CHLOROETHYL)ETHER	370 U UG/KG	1500 UJ UG/KG	380 U UG/KG	360 U UG/KG	370 U UG/KG
BIS(2-CHLOROISOPROPYL) ETHER	370 U UG/KG	1500 UJ UG/KG	380 U UG/KG	360 U UG/KG	370 U UG/KG

SURFACE SOIL SAMPLES

SAMPLE NUMBER	NTCSSS8100	NTCSSS8200	NTCSSS8300	NTCSSS9000	NTCSSS9100
SAMPLE DATE	6/29/97	6/29/97	6/29/97	6/29/97	6/29/97
PARAMETER	RESULTS	RESULTS	RESULTS	RESULTS	RESULTS
BIS(2-ETHYLHEXYL)PHTHALATE	370 U UG/KG	1500 UJ UG/KG	380 UJ UG/KG	360 UJ UG/KG	370 U UG/KG
BUTYLBENZYL PHTHALATE	370 U UG/KG	1500 UJ UG/KG	380 UJ UG/KG	360 UJ UG/KG	370 U UG/KG
CARBAZOLE	370 U UG/KG	1500 UJ UG/KG	380 U UG/KG	360 U UG/KG	370 U UG/KG
CHRYSENE	370 U UG/KG	919 J UG/KG	380 UJ UG/KG	360 UJ UG/KG	370 U UG/KG
DI-N-BUTYL PHTHALATE	370 U UG/KG	1500 UJ UG/KG	380 U UG/KG	360 U UG/KG	370 U UG/KG
DI-N-OCTYL PHTHALATE	370 U UG/KG	1500 UJ UG/KG	380 U UG/KG	360 UJ UG/KG	370 U UG/KG
DIBENZO(A,H)ANTHRACENE	93 U UG/KG	398 J UG/KG	94 UJ UG/KG	90 UJ UG/KG	92 U UG/KG
DIBENZOFURAN	370 U UG/KG	1500 UJ UG/KG	380 U UG/KG	360 U UG/KG	370 U UG/KG
DIETHYL PHTHALATE	370 U UG/KG	1500 UJ UG/KG	380 U UG/KG	360 U UG/KG	370 U UG/KG
DIMETHYL PHTHALATE	370 U UG/KG	1500 UJ UG/KG	380 U UG/KG	360 U UG/KG	370 U UG/KG
FLUORANTHENE	370 U UG/KG	1620 J UG/KG	380 UJ UG/KG	360 U UG/KG	506 UG/KG
FLUORENE	370 U UG/KG	1500 UJ UG/KG	380 U UG/KG	360 U UG/KG	370 U UG/KG
HEXACHLOROBENZENE	370 U UG/KG	1500 UJ UG/KG	380 U UG/KG	360 U UG/KG	370 U UG/KG
HEXACHLOROBUTADIENE	370 U UG/KG	1500 UJ UG/KG	380 U UG/KG	360 U UG/KG	370 U UG/KG
HEXACHLOROCYCLOPENTADIENE	370 U UG/KG	1500 UJ UG/KG	380 U UG/KG	360 U UG/KG	370 U UG/KG
HEXACHLOROETHANE	370 U UG/KG	1500 UJ UG/KG	380 U UG/KG	360 U UG/KG	370 U UG/KG
INDENO(1,2,3-CD)PYRENE	370 U UG/KG	810 J UG/KG	380 U UG/KG	360 UJ UG/KG	370 U UG/KG
ISOPHORONE	370 U UG/KG	1500 UJ UG/KG	380 U UG/KG	360 U UG/KG	370 U UG/KG
N-NITROSO-DI-N-PROPYLAMINE	19 U UG/KG	97 UJ UG/KG	19 UJ UG/KG	18 U UG/KG	18 U UG/KG
N-NITROSODIPHENYLAMINE	370 U UG/KG	1500 UJ UG/KG	380 U UG/KG	360 U UG/KG	370 U UG/KG
NAPHTHALENE	370 U UG/KG	1500 UJ UG/KG	380 U UG/KG	360 U UG/KG	370 U UG/KG
NITROBENZENE	370 U UG/KG	1500 UJ UG/KG	380 U UG/KG	360 U UG/KG	370 U UG/KG
PHENANTHRENE	370 U UG/KG	1500 UJ UG/KG	380 U UG/KG	360 U UG/KG	370 U UG/KG
PHENOL	370 U UG/KG	1500 UJ UG/KG	380 U UG/KG	360 U UG/KG	370 U UG/KG
PYRENE	370 U UG/KG	1110 J UG/KG	380 UJ UG/KG	360 UJ UG/KG	404 UG/KG
HERBICIDES					
2,4,5-T	1.4 U UG/KG	1.6 U UG/KG	1.5 U UG/KG	1.5 U UG/KG	1.4 U UG/KG
2,4,5-TP (SILVEX)	1.7 U UG/KG	1.8 U UG/KG	1.7 U UG/KG	1.7 U UG/KG	1.7 U UG/KG
2,4-D	7.7 U UG/KG	8.4 U UG/KG	8 U UG/KG	7.9 U UG/KG	7.7 U UG/KG
2,4-DB	4.4 U UG/KG	4.8 U UG/KG	4.6 U UG/KG	4.5 U UG/KG	4.4 U UG/KG
DALAPON	8.8 U UG/KG	9.6 U UG/KG	9.2 UR UG/KG	9 U UG/KG	8.8 U UG/KG
DICAMBA	4.4 U UG/KG	4.8 U UG/KG	4.6 U UG/KG	4.5 U UG/KG	4.4 U UG/KG
DICHLOROPROP	22 U UG/KG	24 U UG/KG	23 U UG/KG	22 U UG/KG	22 U UG/KG
DINOSEB	4.4 U UG/KG	4.8 U UG/KG	4.6 U UG/KG	4.5 U UG/KG	4.4 U UG/KG
MCPA	2200 U UG/KG	2400 U UG/KG	2300 UR UG/KG	2200 U UG/KG	2200 U UG/KG
MCPP	1100 U UG/KG	1200 U UG/KG	1200 UR UG/KG	1100 U UG/KG	1100 U UG/KG
PENTACHLOROPHENOL	2.2 U UG/KG	2.4 U UG/KG	2.3 U UG/KG	2.2 U UG/KG	2.2 U UG/KG

SURFACE SOIL SAMPLES

SAMPLE NUMBER	NTCSSS8100	NTCSSS8200	NTCSSS8300	NTCSSS9000	NTCSSS9100
SAMPLE DATE	6/29/97	6/29/97	6/29/97	6/29/97	6/29/97
PARAMETER	RESULTS	RESULTS	RESULTS	RESULTS	RESULTS
PESTICIDES/PCBS					
4,4'-DDD	2.0 U UG/KG	2.0 U UG/KG	2.1 U UG/KG	2.0 U UG/KG	2.0 U UG/KG
4,4'-DDE	0.96 U UG/KG	0.95 U UG/KG	1.0 U UG/KG	2.2 UG/KG	1.6 UG/KG
4,4'-DDT	4.4 U UG/KG	4.4 U UG/KG	4.6 U UG/KG	4.4 U UG/KG	4.4 U UG/KG
ALDRIN	3.5 U UG/KG	3.5 U UG/KG	3.6 U UG/KG	3.5 U UG/KG	3.5 U UG/KG
ALPHA-BHC	0.77 U UG/KG	0.77 U UG/KG	0.81 U UG/KG	0.78 U UG/KG	0.77 U UG/KG
ALPHA-CHLORDANE	0.81 U UG/KG	0.80 U UG/KG	0.84 U UG/KG	3.1 UG/KG	2.3 UG/KG
AROCLOR-1016					19 U UG/KG
AROCLOR-1221					6.9 U UG/KG
AROCLOR-1232					15 U UG/KG
AROCLOR-1242					10 U UG/KG
AROCLOR-1248					8.0 U UG/KG
AROCLOR-1254					12 U UG/KG
AROCLOR-1260					17 U UG/KG
BETA-BHC	1.1 U UG/KG	1.1 U UG/KG	1.2 U UG/KG	1.1 U UG/KG	1.1 U UG/KG
DELTA-BHC	1.4 U UG/KG	1.4 U UG/KG	1.4 U UG/KG	1.4 U UG/KG	1.4 U UG/KG
DIELDRIN	0.96 U UG/KG	0.95 U UG/KG	1.0 U UG/KG	0.96 U UG/KG	0.95 U UG/KG
ENDOSULFAN I	0.99 U UG/KG	0.98 U UG/KG	1.0 U UG/KG	1.0 U UG/KG	0.98 U UG/KG
ENDOSULFAN II	1.2 U UG/KG	1.2 U UG/KG	1.3 U UG/KG	1.3 U UG/KG	1.2 U UG/KG
ENDOSULFAN SULFATE	4.0 U UG/KG	4.0 U UG/KG	4.2 U UG/KG	4.1 U UG/KG	4.0 U UG/KG
ENDRIN	1.6 U UG/KG	1.6 U UG/KG	1.6 U UG/KG	1.6 U UG/KG	1.6 U UG/KG
ENDRIN ALDEHYDE	1.5 U UG/KG	1.5 U UG/KG	1.5 U UG/KG	1.5 U UG/KG	1.5 U UG/KG
ENDRIN KETONE	7.4 U UG/KG	7.3 U UG/KG	7.7 U UG/KG	7.4 U UG/KG	7.3 U UG/KG
GAMMA-BHC (LINDANE)	0.81 U UG/KG	0.80 U UG/KG	0.84 U UG/KG	0.82 U UG/KG	0.80 U UG/KG
GAMMA-CHLORDANE	0.92 U UG/KG	0.91 U UG/KG	0.96 U UG/KG	3.0 UG/KG	2.4 UG/KG
HEPTACHLOR	0.96 U UG/KG	0.95 U UG/KG	1.0 U UG/KG	0.96 U UG/KG	0.95 U UG/KG
HEPTACHLOR EPOXIDE	0.99 U UG/KG	0.98 U UG/KG	1.0 U UG/KG	1.0 U UG/KG	0.98 U UG/KG
METHOXYCHLOR	6.6 U UG/KG	6.6 U UG/KG	6.9 U UG/KG	6.7 U UG/KG	6.6 U UG/KG
TOXAPHENE	74 U UG/KG	73 U UG/KG	77 U UG/KG	74 U UG/KG	73 U UG/KG
PETROLEUM HYDROCARBONS					
DIESEL RANGE ORGANICS	8.74 J MG/KG	12.9 MG/KG	25.9 MG/KG	8.5 J MG/KG	8.87 J MG/KG
GASOLINE RANGE ORGANICS	0.11 U MG/KG	0.12 U MG/KG	0.11 UJ MG/KG	0.11 U MG/KG	0.11 U MG/KG
MISC					
CATION EX. CAPACITY				2390 MG/KG	
TOTAL ORGANIC CARBON				13700 MG/KG	
METALS					
ALUMINUM	2220 MG/KG	2060 MG/KG	2570 MG/KG	3350 MG/KG	893 MG/KG

SURFACE SOIL SAMPLES

SAMPLE NUMBER	NTCSSS8100	NTCSSS8200	NTCSSS8300	NTCSSS9000	NTCSSS9100
SAMPLE DATE	6/29/97	6/29/97	6/29/97	6/29/97	6/29/97
PARAMETER	RESULTS	RESULTS	RESULTS	RESULTS	RESULTS
ANTIMONY	0.30 U MG/KG	0.32 U MG/KG	0.31 U MG/KG	0.30 U MG/KG	0.30 U MG/KG
ARSENIC	0.50 U MG/KG	1.9 MG/KG	1.8 MG/KG	2.2 MG/KG	0.93 MG/KG
BARIUM	12.2 MG/KG	10.6 MG/KG	6.9 MG/KG	12.9 MG/KG	3.0 U MG/KG
BERYLLIUM	0.06 U MG/KG	0.04 U MG/KG	0.05 U MG/KG	0.06 U MG/KG	0.02 U MG/KG
CADMIUM	0.06 U MG/KG	0.06 U MG/KG	0.06 U MG/KG	0.06 U MG/KG	0.06 U MG/KG
CALCIUM	12700 MG/KG	1680 MG/KG	946 J MG/KG	1340 MG/KG	529 MG/KG
CHROMIUM	3.3 MG/KG	2.9 MG/KG	3.4 MG/KG	4.0 MG/KG	2.9 MG/KG
COBALT	0.19 U MG/KG	0.20 U MG/KG	0.20 U MG/KG	0.19 U MG/KG	0.19 U MG/KG
COPPER	2.7 MG/KG	3.0 MG/KG	2.3 U MG/KG	2.4 MG/KG	2.8 MG/KG
CYANIDE	1.1 UR MG/KG	1.16 U MG/KG	1.1 UJ MG/KG	1.1 UR MG/KG	1.1 UR MG/KG
IRON	294 MG/KG	246 J MG/KG	254 J MG/KG	291 MG/KG	117 MG/KG
LEAD	7.8 MG/KG	5.7 MG/KG	3.5 J MG/KG	9.5 MG/KG	11.2 MG/KG
MAGNESIUM	49.1 MG/KG	113 MG/KG	75.1 MG/KG	165 MG/KG	41.1 MG/KG
MANGANESE	3.2 MG/KG	4.8 MG/KG	3.0 MG/KG	7.3 MG/KG	1.0 MG/KG
MERCURY	0.09 U MG/KG	0.10 U MG/KG	0.10 U MG/KG	0.09 U MG/KG	0.09 U MG/KG
NICKEL	0.56 MG/KG	0.62 MG/KG	0.49 MG/KG	0.71 MG/KG	0.30 MG/KG
POTASSIUM	28.2 MG/KG	43.8 MG/KG	49.8 MG/KG	46.7 MG/KG	20.4 MG/KG
SELENIUM	0.41 U MG/KG	0.44 U MG/KG	0.50 MG/KG	0.43 MG/KG	0.41 MG/KG
SILVER	0.55 MG/KG	0.34 MG/KG	0.23 U MG/KG	0.23 U MG/KG	0.22 U MG/KG
SODIUM	128 MG/KG	99.2 U MG/KG	95.8 U MG/KG	93.1 U MG/KG	91.0 U MG/KG
THALLIUM	0.44 U MG/KG	0.48 U MG/KG	0.46 U MG/KG	0.45 U MG/KG	0.44 U MG/KG
VANADIUM	1.5 MG/KG	1.6 MG/KG	1.7 MG/KG	2.1 MG/KG	0.72 MG/KG
ZINC	8.7 MG/KG	5.1 MG/KG	3.2 U MG/KG	9.7 MG/KG	5.9 MG/KG
RADIOLOGICAL					
GROSS ALPHA	2.16 +/- 0.326 PCI/G	1.17 +/- 0.181 PCI/G	1.22 +/- 0.179 PCI/G	2.13 +/- 0.290 PCI/G	1.28 +/- 0.279 PCI/G
GROSS BETA	0.549 +/- 0.148 PCI/G	0.512 +/- 0.117 PCI/G	0.516 +/- 0.106 PCI/G	1.13 +/- 0.149 PCI/G	0.063 +/- 0.240 U PCI/G

SAMPLE NUMBER	NTCSSS9100-D	NTCSSS9200	NTCSSS9900
SAMPLE DATE	6/29/97	6/29/97	6/29/97
PARAMETER	RESULTS	RESULTS	RESULTS
VOLATILES			
1,1,1-TRICHLOROETHANE	56 U UG/KG	5.6 U UG/KG	5.4 UJ UG/KG
1,1,2,2-TETRACHLOROETHANE	56 U UG/KG	5.6 U UG/KG	5.4 U UG/KG
1,1,2-TRICHLOROETHANE	56 U UG/KG	5.6 U UG/KG	5.4 U UG/KG
1,1-DICHLOROETHANE	56 U UG/KG	5.6 U UG/KG	5.4 U UG/KG
1,1-DICHLOROETHENE	56 U UG/KG	5.6 U UG/KG	5.4 U UG/KG
1,2-DICHLOROETHANE	56 U UG/KG	5.6 U UG/KG	5.4 UJ UG/KG
1,2-DICHLOROPROPANE	56 U UG/KG	5.6 U UG/KG	5.4 U UG/KG
2-BUTANONE	110 U UG/KG	11 U UG/KG	11 U UG/KG
2-HEXANONE	110 U UG/KG	11 U UG/KG	11 U UG/KG
4-METHYL-2-PENTANONE	110 U UG/KG	11 U UG/KG	11 U UG/KG
ACETONE	4330 J UG/KG	11 UR UG/KG	11 UR UG/KG
BENZENE	56 U UG/KG	5.6 U UG/KG	5.4 U UG/KG
BROMODICHLOROMETHANE	56 U UG/KG	5.6 U UG/KG	5.4 UJ UG/KG
BROMOFORM	56 U UG/KG	5.6 U UG/KG	5.4 U UG/KG
BROMOMETHANE	110 U UG/KG	11 U UG/KG	11 U UG/KG
CARBON DISULFIDE	56 U UG/KG	5.6 U UG/KG	5.4 UJ UG/KG
CARBON TETRACHLORIDE	56 U UG/KG	5.6 U UG/KG	5.4 UJ UG/KG
CHLOROBENZENE	56 U UG/KG	5.6 U UG/KG	5.4 U UG/KG
CHLOROETHANE	56 U UG/KG	5.6 U UG/KG	5.4 U UG/KG
CHLOROFORM	56 U UG/KG	5.6 U UG/KG	5.4 U UG/KG
CHLOROMETHANE	110 U UG/KG	11 U UG/KG	11 U UG/KG
CIS-1,2-DICHLOROETHENE	56 U UG/KG	5.6 U UG/KG	5.4 U UG/KG
CIS-1,3-DICHLOROPROPENE	56 U UG/KG	5.6 U UG/KG	5.4 U UG/KG
DIBROMOCHLOROMETHANE	56 U UG/KG	5.6 U UG/KG	5.4 UJ UG/KG
ETHYLBENZENE	56 U UG/KG	5.6 U UG/KG	5.4 U UG/KG
METHYLENE CHLORIDE	56 U UG/KG	5.6 U UG/KG	5.4 U UG/KG
STYRENE	56 U UG/KG	5.6 U UG/KG	5.4 U UG/KG
TETRACHLOROETHENE	56 U UG/KG	3.0 UG/KG	5.4 U UG/KG
TOLUENE	56 U UG/KG	5.6 U UG/KG	5.4 U UG/KG
TRANS-1,2-DICHLOROETHENE	56 U UG/KG	5.6 U UG/KG	5.4 U UG/KG
TRANS-1,3-DICHLOROPROPENE	56 U UG/KG	5.6 U UG/KG	5.4 U UG/KG
TRICHLOROETHENE	56 U UG/KG	5.6 U UG/KG	5.4 U UG/KG
VINYL CHLORIDE	56 U UG/KG	5.6 U UG/KG	5.4 U UG/KG
XYLENES, TOTAL	56 U UG/KG	5.6 U UG/KG	5.4 U UG/KG
SEMIVOLATILES			
1,2,4-TRICHLOROBENZENE	1900 U UG/KG	380 U UG/KG	380 U UG/KG

SAMPLE NUMBER	NTCSSS9100-D	NTCSSS9200	NTCSSS9900
SAMPLE DATE	6/29/97	6/29/97	6/29/97
PARAMETER	RESULTS	RESULTS	RESULTS
1,2-DICHLOROBENZENE	1900 U UG/KG	380 U UG/KG	380 U UG/KG
1,3-DICHLOROBENZENE	1900 U UG/KG	380 U UG/KG	380 U UG/KG
1,4-DICHLOROBENZENE	1900 U UG/KG	380 U UG/KG	380 U UG/KG
2,4,5-TRICHLOROPHENOL	1900 U UG/KG	380 U UG/KG	380 U UG/KG
2,4,6-TRICHLOROPHENOL	1900 U UG/KG	380 U UG/KG	380 U UG/KG
2,4-DICHLOROPHENOL	1900 U UG/KG	380 U UG/KG	380 U UG/KG
2,4-DIMETHYLPHENOL	4600 U UG/KG	940 U UG/KG	950 U UG/KG
2,4-DINITROPHENOL	4600 U UG/KG	940 U UG/KG	950 U UG/KG
2,4-DINITROTOLUENE	1900 U UG/KG	380 U UG/KG	380 U UG/KG
2,6-DINITROTOLUENE	1900 U UG/KG	380 U UG/KG	380 U UG/KG
2-CHLORONAPHTHALENE	1900 U UG/KG	380 U UG/KG	380 U UG/KG
2-CHLOROPHENOL	1900 U UG/KG	380 U UG/KG	380 U UG/KG
2-METHYLNAPHTHALENE	1900 U UG/KG	380 U UG/KG	380 U UG/KG
2-METHYLPHENOL	1900 U UG/KG	380 U UG/KG	380 U UG/KG
2-NITROANILINE	1900 U UG/KG	380 U UG/KG	380 U UG/KG
2-NITROPHENOL	1900 U UG/KG	380 U UG/KG	380 U UG/KG
3&4-METHYLPHENOL	1900 U UG/KG	380 U UG/KG	380 U UG/KG
3,3'-DICHLOROBENZIDINE	4600 U UG/KG	940 UJ UG/KG	950 U UG/KG
3-NITROANILINE	1900 U UG/KG	380 U UG/KG	380 U UG/KG
4,6-DINITRO-2-METHYLPHENOL	1900 U UG/KG	380 U UG/KG	380 U UG/KG
4-BROMOPHENYL PHENYL ETHER	1900 U UG/KG	380 U UG/KG	380 U UG/KG
4-CHLORO-3-METHYLPHENOL	4600 U UG/KG	940 U UG/KG	950 U UG/KG
4-CHLOROANILINE	1900 U UG/KG	380 U UG/KG	380 U UG/KG
4-CHLOROPHENYL PHENYL ETHER	1900 U UG/KG	380 U UG/KG	380 U UG/KG
4-NITROANILINE	1900 U UG/KG	380 U UG/KG	380 U UG/KG
4-NITROPHENOL	4600 U UG/KG	940 U UG/KG	950 U UG/KG
ACENAPHTHENE	1900 U UG/KG	380 U UG/KG	380 U UG/KG
ACENAPHTHYLENE	1900 U UG/KG	380 U UG/KG	380 U UG/KG
ANTHRACENE	1900 U UG/KG	380 U UG/KG	380 U UG/KG
BENZO(A)ANTHRACENE	2620 UG/KG	380 UJ UG/KG	380 U UG/KG
BENZO(A)PYRENE	2370 UG/KG	286 J UG/KG	95 UJ UG/KG
BENZO(B)FLUORANTHENE	2660 UG/KG	380 UJ UG/KG	380 U UG/KG
BENZO(G,H,I)PERYLENE	1980 UG/KG	380 UJ UG/KG	380 U UG/KG
BENZO(K)FLUORANTHENE	1640 UG/KG	380 UJ UG/KG	380 U UG/KG
BIS(2-CHLOROETHOXY)METHANE	1900 U UG/KG	380 U UG/KG	380 U UG/KG
BIS(2-CHLOROETHYL)ETHER	1900 U UG/KG	380 U UG/KG	380 U UG/KG
BIS(2-CHLOROISOPROPYL) ETHER	1900 U UG/KG	380 U UG/KG	380 U UG/KG

SAMPLE NUMBER	NTCSSS9100-D	NTCSSS9200	NTCSSS9900
SAMPLE DATE	6/29/97	6/29/97	6/29/97
PARAMETER	RESULTS	RESULTS	RESULTS
BIS(2-ETHYLHEXYL)PHTHALATE	1900 U UG/KG	380 UJ UG/KG	380 U UG/KG
BUTYLBENZYL PHTHALATE	1900 U UG/KG	380 UJ UG/KG	380 U UG/KG
CARBAZOLE	1900 U UG/KG	380 U UG/KG	380 U UG/KG
CHRYSENE	2770 UG/KG	380 UJ UG/KG	380 U UG/KG
DI-N-BUTYL PHTHALATE	1900 U UG/KG	380 U UG/KG	380 U UG/KG
DI-N-OCTYL PHTHALATE	1900 U UG/KG	380 UJ UG/KG	380 U UG/KG
DIBENZO(A,H)ANTHRACENE	654 UG/KG	94 UJ UG/KG	95 UJ UG/KG
DIBENZOFURAN	1900 U UG/KG	380 U UG/KG	380 U UG/KG
DIETHYL PHTHALATE	1900 U UG/KG	380 U UG/KG	380 U UG/KG
DIMETHYL PHTHALATE	1900 U UG/KG	380 U UG/KG	380 U UG/KG
FLUORANTHENE	5970 UG/KG	692 UG/KG	380 UJ UG/KG
FLUORENE	1900 U UG/KG	380 UJ UG/KG	380 U UG/KG
HEXACHLOROBENZENE	1900 U UG/KG	380 U UG/KG	380 U UG/KG
HEXACHLOROBUTADIENE	1900 U UG/KG	380 U UG/KG	380 U UG/KG
HEXACHLOROCYCLOPENTADIENE	1900 U UG/KG	380 U UG/KG	380 U UG/KG
HEXACHLOROETHANE	1900 U UG/KG	380 U UG/KG	380 U UG/KG
INDENO(1,2,3-CD)PYRENE	1770 UG/KG	380 UJ UG/KG	380 U UG/KG
ISOPHORONE	1900 U UG/KG	380 U UG/KG	380 U UG/KG
N-NITROSO-DI-N-PROPYLAMINE	93 U UG/KG	19 U UG/KG	19 U UG/KG
N-NITROSODIPHENYLAMINE	1900 U UG/KG	380 U UG/KG	380 U UG/KG
NAPHTHALENE	1900 U UG/KG	380 U UG/KG	380 U UG/KG
NITROBENZENE	1900 U UG/KG	380 U UG/KG	380 U UG/KG
PHENANTHRENE	3230 UG/KG	380 U UG/KG	380 U UG/KG
PHENOL	1900 U UG/KG	380 U UG/KG	380 U UG/KG
PYRENE	4700 UG/KG	509 J UG/KG	380 UJ UG/KG
HERBICIDES			
2,4,5-T	1.4 U UG/KG	1.4 U UG/KG	1.4 U UG/KG
2,4,5-TP (SILVEX)	1.7 U UG/KG	1.7 U UG/KG	1.7 U UG/KG
2,4-D	7.7 U UG/KG	7.8 U UG/KG	7.7 U UG/KG
2,4-DB	4.4 U UG/KG	4.4 U UG/KG	4.4 U UG/KG
DALAPON	8.8 U UG/KG	8.9 U UG/KG	8.8 UR UG/KG
DICAMBA	4.4 U UG/KG	4.4 U UG/KG	4.4 U UG/KG
DICHLOROPROP	22 U UG/KG	22 U UG/KG	22 U UG/KG
DINOSEB	4.4 U UG/KG	4.4 U UG/KG	4.4 U UG/KG
MCPA	2200 U UG/KG	2200 U UG/KG	2200 UR UG/KG
MCPP	1100 U UG/KG	1100 U UG/KG	1100 UR UG/KG
PENTACHLOROPHENOL	2.2 U UG/KG	2.2 U UG/KG	2.2 U UG/KG

SURFACE SOIL SAMPLES

SAMPLE NUMBER	NTCSSS9100-D	NTCSSS9200	NTCSSS9900
SAMPLE DATE	6/29/97	6/29/97	6/29/97
PARAMETER	RESULTS	RESULTS	RESULTS
PESTICIDES/PCBS			
4,4'-DDD	2.0 U UG/KG	2.0 U UG/KG	2.0 U UG/KG
4,4'-DDE	1.7 UG/KG	0.95 U UG/KG	0.96 U UG/KG
4,4'-DDT	4.4 U UG/KG	4.4 U UG/KG	4.4 U UG/KG
ALDRIN	3.5 U UG/KG	3.5 U UG/KG	3.5 U UG/KG
ALPHA-BHC	0.77 U UG/KG	0.77 U UG/KG	0.78 U UG/KG
ALPHA-CHLORDANE	3.5 UG/KG	0.81 U UG/KG	0.81 U UG/KG
AROCLOR-1016	19 U UG/KG		
AROCLOR-1221	7.0 U UG/KG		
AROCLOR-1232	15 U UG/KG		
AROCLOR-1242	11 U UG/KG		
AROCLOR-1248	8.0 U UG/KG		
AROCLOR-1254	12 U UG/KG		
AROCLOR-1260	17 U UG/KG		
BETA-BHC	1.1 U UG/KG	1.1 U UG/KG	1.1 U UG/KG
DELTA-BHC	1.4 U UG/KG	1.4 U UG/KG	1.4 U UG/KG
DIELDRIN	0.95 U UG/KG	0.95 U UG/KG	0.96 U UG/KG
ENDOSULFAN I	0.99 U UG/KG	0.99 U UG/KG	1.0 U UG/KG
ENDOSULFAN II	1.2 U UG/KG	4.5 UG/KG	1.2 U UG/KG
ENDOSULFAN SULFATE	4.0 U UG/KG	4.0 U UG/KG	4.1 U UG/KG
ENDRIN	1.6 U UG/KG	1.6 U UG/KG	1.6 U UG/KG
ENDRIN ALDEHYDE	1.5 U UG/KG	1.5 U UG/KG	1.5 U UG/KG
ENDRIN KETONE	7.3 U UG/KG	7.3 U UG/KG	7.4 U UG/KG
GAMMA-BHC (LINDANE)	0.80 U UG/KG	0.81 U UG/KG	0.81 U UG/KG
GAMMA-CHLORDANE	2.0 UG/KG	0.92 U UG/KG	0.92 U UG/KG
HEPTACHLOR	0.95 U UG/KG	0.95 U UG/KG	0.96 U UG/KG
HEPTACHLOR EPOXIDE	0.99 U UG/KG	0.99 U UG/KG	1.0 U UG/KG
METHOXYCHLOR	6.6 U UG/KG	6.6 U UG/KG	6.7 U UG/KG
TOXAPHENE	73 U UG/KG	73 U UG/KG	74 U UG/KG
PETROLEUM HYDROCARBONS			
DIESEL RANGE ORGANICS	11.7 MG/KG	9.4 U MG/KG	9.5 U MG/KG
GASOLINE RANGE ORGANICS	0.11 U MG/KG	0.11 U MG/KG	0.11 UJ MG/KG
MISC			
CATION EX. CAPACITY		1040 MG/KG	
TOTAL ORGANIC CARBON		28500 MG/KG	
METALS			
ALUMINUM	1030 MG/KG	938 MG/KG	2530 MG/KG

SAMPLE NUMBER	NTCSSS9100-D	NTCSSS9200	NTCSSS9900
SAMPLE DATE	6/29/97	6/29/97	6/29/97
PARAMETER	RESULTS	RESULTS	RESULTS
ANTIMONY	0.30 U MG/KG	0.30 U MG/KG	0.29 U MG/KG
ARSENIC	0.89 MG/KG	0.50 U MG/KG	2.6 MG/KG
BARIUM	3.3 U MG/KG	5.7 MG/KG	3.0 MG/KG
BERYLLIUM	0.02 U MG/KG	0.02 U MG/KG	0.08 U MG/KG
CADMIUM	0.06 U MG/KG	0.06 U MG/KG	0.06 U MG/KG
CALCIUM	601 MG/KG	593 MG/KG	682 J MG/KG
CHROMIUM	3.8 MG/KG	2.2 MG/KG	3.3 MG/KG
COBALT	0.19 U MG/KG	0.19 U MG/KG	0.19 U MG/KG
COPPER	3.7 MG/KG	2.2 U MG/KG	1.0 U MG/KG
CYANIDE	1.1 UR MG/KG	1.13 U MG/KG	1.1 UJ MG/KG
IRON	140 MG/KG	252 J MG/KG	486 J MG/KG
LEAD	13.1 MG/KG	6.5 MG/KG	1.7 J MG/KG
MAGNESIUM	45.5 MG/KG	43.6 MG/KG	59.8 MG/KG
MANGANESE	1.3 MG/KG	3.0 MG/KG	2.4 MG/KG
MERCURY	0.09 U MG/KG	0.09 U MG/KG	0.09 U MG/KG
NICKEL	0.31 MG/KG	0.38 MG/KG	0.63 MG/KG
POTASSIUM	24.5 MG/KG	17.7 MG/KG	42.5 MG/KG
SELENIUM	0.41 U MG/KG	0.41 U MG/KG	0.40 U MG/KG
SILVER	0.22 U MG/KG	0.22 U MG/KG	0.22 U MG/KG
SODIUM	91.4 U MG/KG	91.8 U MG/KG	90.0 U MG/KG
THALLIUM	0.44 U MG/KG	0.44 U MG/KG	0.44 U MG/KG
VANADIUM	0.97 MG/KG	0.62 MG/KG	3.1 MG/KG
ZINC	6.9 MG/KG	6.9 MG/KG	1.4 U MG/KG
RADIOLOGICAL			
GROSS ALPHA	0.506 +/- 0.098 PCI/G	0.670 +/- 0.107 PCI/G	1.36 +/- 0.194 PCI/G
GROSS BETA	-0.137+/- 0.013 U PCI/G	0.196 +/- 0.067 PCI/G	0.701 +/- 0.109 J PCI/G

SAMPLE NUMBER	NTCSSB0100	NTCSSB0200	NTCSSB0300	NTCSSB0400	NTCSSB0500	NTCSSB0500-D	NTCSSB0600	NTCSSB0700
LAB ID NUMBER	F2392-16	F2392-17	F2392-18	F2392-19	F2392-20	F2392-26	F2392-21	F2392-22
SAMPLE DATE	5/13/98	5/13/98	5/13/98	5/13/98	5/13/98	5/13/98	5/13/98	5/13/98
PARAMETER	RESULTS	RESULTS	RESULTS	RESULTS	RESULTS	RESULTS	RESULTS	RESULTS
VOLATILES								
1,1,1-TRICHLOROETHANE	1 U UG/KG	1 U UG/KG	0.99 U UG/KG	1.1 U UG/KG	1.1 U UG/KG	1.1 U UG/KG	1 U UG/KG	1 U UG/KG
1,1,2,2-TETRACHLOROETHANE	0.73 U UG/KG	0.73 UJ UG/KG	0.72 U UG/KG	0.8 U UG/KG	0.8 U UG/KG	0.81 UJ UG/KG	0.73 U UG/KG	0.77 UJ UG/KG
1,1,2-TRICHLOROETHANE	0.82 U UG/KG	0.82 U UG/KG	0.81 U UG/KG	0.9 U UG/KG	0.9 U UG/KG	0.91 U UG/KG	0.82 U UG/KG	0.86 U UG/KG
1,1-DICHLOROETHANE	1 U UG/KG	1 U UG/KG	1 U UG/KG	1.1 U UG/KG	1.1 U UG/KG	1.1 U UG/KG	1 U UG/KG	1.1 U UG/KG
1,1-DICHLOROETHENE	1 U UG/KG	1 U UG/KG	1 U UG/KG	1.1 U UG/KG	1.1 U UG/KG	1.1 U UG/KG	1 U UG/KG	1.1 U UG/KG
1,2-DICHLOROETHANE	0.67 U UG/KG	0.67 U UG/KG	0.66 U UG/KG	0.73 U UG/KG	0.73 U UG/KG	0.74 U UG/KG	0.67 U UG/KG	0.7 U UG/KG
1,2-DICHLOROPROPANE	1.2 U UG/KG	1.2 U UG/KG	1.2 U UG/KG	1.3 U UG/KG	1.4 U UG/KG	1.4 U UG/KG	1.2 U UG/KG	1.3 U UG/KG
2-BUTANONE	5.2 U UG/KG	5.2 U UG/KG	5 U UG/KG	5.6 U UG/KG	5.6 U UG/KG	5.7 U UG/KG	5.2 U UG/KG	5.4 U UG/KG
2-HEXANONE	1.3 U UG/KG	1.3 U UG/KG	1.3 U UG/KG	1.4 U UG/KG	1.5 U UG/KG	1.5 U UG/KG	1.3 U UG/KG	1.4 U UG/KG
4-METHYL-2-PENTANONE	5.4 U UG/KG	5.4 U UG/KG	5.4 U UG/KG	5.9 U UG/KG	6 U UG/KG	6 U UG/KG	5.4 U UG/KG	5.7 U UG/KG
ACETONE	5.2 U UG/KG	5.2 U UG/KG	5 U UG/KG	5.6 U UG/KG	18.6 UG/KG	5.7 U UG/KG	5.2 U UG/KG	5.4 U UG/KG
BENZENE	1 U UG/KG	1 U UG/KG	1 U UG/KG	1.1 U UG/KG	1.1 U UG/KG	1.1 U UG/KG	1 U UG/KG	1.1 U UG/KG
BROMODICHLOROMETHANE	0.78 U UG/KG	0.78 U UG/KG	0.77 U UG/KG	0.85 U UG/KG	0.86 U UG/KG	0.87 U UG/KG	0.78 U UG/KG	0.82 U UG/KG
BROMOFORM	0.56 U UG/KG	0.56 UJ UG/KG	0.54 U UG/KG	0.6 U UG/KG	0.61 U UG/KG	0.62 UJ UG/KG	0.56 U UG/KG	0.58 UJ UG/KG
BROMOMETHANE	1.2 U UG/KG	1.2 U UG/KG	1.2 U UG/KG	1.3 U UG/KG	1.4 U UG/KG	1.4 U UG/KG	1.2 U UG/KG	1.3 U UG/KG
CARBON DISULFIDE	1.1 U UG/KG	1.1 U UG/KG	1.1 U UG/KG	1.2 U UG/KG	1.2 U UG/KG	1.2 U UG/KG	1.1 U UG/KG	1.2 U UG/KG
CARBON TETRACHLORIDE	2.2 U UG/KG	2.2 U UG/KG	2.1 U UG/KG	2.4 U UG/KG	2.4 U UG/KG	2.4 U UG/KG	2.2 U UG/KG	2.3 U UG/KG
CHLOROBENZENE	1.1 U UG/KG	1.1 U UG/KG	1.1 U UG/KG	1.2 U UG/KG	1.2 U UG/KG	1.2 UJ UG/KG	1.1 U UG/KG	1.2 UJ UG/KG
CHLOROETHANE	1.1 U UG/KG	1.1 U UG/KG	1.1 U UG/KG	1.2 U UG/KG	1.2 U UG/KG	1.2 U UG/KG	1.1 U UG/KG	1.2 U UG/KG
CHLOROFORM	0.75 U UG/KG	0.75 U UG/KG	0.74 U UG/KG	0.82 U UG/KG	0.82 U UG/KG	0.83 U UG/KG	0.75 U UG/KG	0.79 U UG/KG
CHLOROMETHANE	1.3 U UG/KG	1.3 U UG/KG	1.3 U UG/KG	1.4 U UG/KG	1.5 U UG/KG	1.5 U UG/KG	1.3 U UG/KG	1.4 U UG/KG
CIS-1,2-DICHLOROETHENE	0.86 U UG/KG	0.86 U UG/KG	0.85 U UG/KG	0.94 U UG/KG	0.95 U UG/KG	0.96 U UG/KG	0.86 U UG/KG	0.91 U UG/KG
CIS-1,3-DICHLOROPROPENE	1 U UG/KG	1 U UG/KG	0.98 U UG/KG	1.1 U UG/KG	1.1 U UG/KG	1.1 U UG/KG	1 U UG/KG	1 U UG/KG
DIBROMOCHLOROMETHANE	0.76 U UG/KG	0.76 UJ UG/KG	0.75 U UG/KG	0.83 U UG/KG	0.84 U UG/KG	0.84 UJ UG/KG	0.76 U UG/KG	0.8 UJ UG/KG
ETHYLBENZENE	1.1 U UG/KG	1.1 UJ UG/KG	1.1 U UG/KG	1.2 U UG/KG	1.2 U UG/KG	1.2 UJ UG/KG	1.1 U UG/KG	1.2 UJ UG/KG
METHYLENE CHLORIDE	0.44 U UG/KG	0.44 U UG/KG	0.43 U UG/KG	0.48 U UG/KG	0.48 U UG/KG	0.49 U UG/KG	0.44 U UG/KG	0.46 U UG/KG
STYRENE	0.88 U UG/KG	0.88 UJ UG/KG	0.86 U UG/KG	0.95 U UG/KG	0.96 U UG/KG	0.97 UJ UG/KG	0.88 U UG/KG	0.92 UJ UG/KG
TETRACHLOROETHENE	0.93 U UG/KG	0.93 UJ UG/KG	0.91 U UG/KG	1 U UG/KG	1 U UG/KG	1 UJ UG/KG	0.93 U UG/KG	0.97 UJ UG/KG
TOLUENE	0.92 U UG/KG	4.2 UG/KG	0.9 U UG/KG	1 U UG/KG	1 U UG/KG	1 U UG/KG	0.92 U UG/KG	0.96 U UG/KG
TRANS-1,2-DICHLOROETHENE	1.2 U UG/KG	1.2 U UG/KG	1.2 U UG/KG	1.3 U UG/KG	1.4 U UG/KG	1.4 U UG/KG	1.2 U UG/KG	1.3 U UG/KG
TRANS-1,3-DICHLOROPROPENE	1.1 U UG/KG	1.1 U UG/KG	1.1 U UG/KG	1.2 U UG/KG	1.2 U UG/KG	1.2 U UG/KG	1.1 U UG/KG	1.2 U UG/KG
TRICHLOROETHENE	1.4 U UG/KG	1.4 U UG/KG	1.4 U UG/KG	1.6 U UG/KG	1.6 U UG/KG	1.6 U UG/KG	1.4 U UG/KG	1.5 U UG/KG
VINYL CHLORIDE	1 U UG/KG	1 U UG/KG	0.98 U UG/KG	1.1 U UG/KG	1.1 U UG/KG	1.1 U UG/KG	1 U UG/KG	1 U UG/KG
XYLENES, TOTAL	1 U UG/KG	1 UJ UG/KG	0.99 U UG/KG	1.1 U UG/KG	1.1 U UG/KG	1.1 UJ UG/KG	1 U UG/KG	1 UJ UG/KG
SEMIVOLATILES								

SAMPLE NUMBER	NTCSSB0100	NTCSSB0200	NTCSSB0300	NTCSSB0400	NTCSSB0500	NTCSSB0500-D	NTCSSB0600	NTCSSB0700
LAB ID NUMBER	F2392-16	F2392-17	F2392-18	F2392-19	F2392-20	F2392-26	F2392-21	F2392-22
SAMPLE DATE	5/13/98	5/13/98	5/13/98	5/13/98	5/13/98	5/13/98	5/13/98	5/13/98
PARAMETER	RESULTS	RESULTS	RESULTS	RESULTS	RESULTS	RESULTS	RESULTS	RESULTS
1,2,4-TRICHLOROBENZENE								
1,2-DICHLOROBENZENE								
1,3-DICHLOROBENZENE								
1,4-DICHLOROBENZENE								
2,4,5-TRICHLOROPHENOL								
2,4,6-TRICHLOROPHENOL								
2,4-DICHLOROPHENOL								
2,4-DIMETHYLPHENOL								
2,4-DINITROPHENOL								
2,4-DINITROTOLUENE								
2,6-DINITROTOLUENE								
2-CHLORONAPHTHALENE								
2-CHLOROPHENOL								
2-METHYLNAPHTHALENE								
2-METHYLPHENOL								
2-NITROANILINE								
2-NITROPHENOL								
3&4-METHYLPHENOL								
3,3'-DICHLOROBENZIDINE								
3-NITROANILINE								
4,6-DINITRO-2-METHYLPHENOL								
4-BROMOPHENYL PHENYL ETHER								
4-CHLORO-3-METHYLPHENOL								
4-CHLOROANILINE								
4-CHLOROPHENYL PHENYL ETHER								
4-NITROANILINE								
4-NITROPHENOL								
ACENAPHTHENE								
ACENAPHTHYLENE								
ANTHRACENE								
BENZO(A)ANTHRACENE								
BENZO(A)PYRENE								
BENZO(B)FLUORANTHENE								
BENZO(G,H,I)PERYLENE								
BENZO(K)FLUORANTHENE								
BIS(2-CHLOROETHOXY)METHANE								

SAMPLE NUMBER	NTCSSB0100	NTCSSB0200	NTCSSB0300	NTCSSB0400	NTCSSB0500	NTCSSB0500-D	NTCSSB0600	NTCSSB0700
LAB ID NUMBER	F2392-16	F2392-17	F2392-18	F2392-19	F2392-20	F2392-26	F2392-21	F2392-22
SAMPLE DATE	5/13/98	5/13/98	5/13/98	5/13/98	5/13/98	5/13/98	5/13/98	5/13/98
PARAMETER	RESULTS	RESULTS	RESULTS	RESULTS	RESULTS	RESULTS	RESULTS	RESULTS
BIS(2-CHLOROETHYL)ETHER								
BIS(2-CHLOROISOPROPYL) ETHER								
BIS(2-ETHYLHEXYL)PHTHALATE								
BUTYLBENZYL PHTHALATE								
CARBAZOLE								
CHRYSENE								
DI-N-BUTYL PHTHALATE								
DI-N-OCTYL PHTHALATE								
DIBENZO(A,H)ANTHRACENE								
DIBENZOFURAN								
DIETHYL PHTHALATE								
DIMETHYL PHTHALATE								
FLUORANTHENE								
FLUORENE								
HEXACHLOROBENZENE								
HEXACHLOROBUTADIENE								
HEXACHLOROCYCLOPENTADIENE								
HEXACHLOROETHANE								
INDENO(1,2,3-CD)PYRENE								
ISOPHORONE								
N-NITROSO-DI-N-PROPYLAMINE								
N-NITROSODIPHENYLAMINE								
NAPHTHALENE								
NITROBENZENE								
PHENANTHRENE								
PHENOL								
PYRENE								
HERBICIDES								
2,4,5-T	1.3 U UG/KG	1.4 U UG/KG	1.3 U UG/KG	1.4 U UG/KG	1.5 U UG/KG	1.5 U UG/KG	1.4 U UG/KG	1.4 U UG/KG
2,4,5-TP (SILVEX)	1.5 U UG/KG	1.6 U UG/KG	1.5 U UG/KG	1.7 U UG/KG	1.7 U UG/KG	1.7 U UG/KG	1.6 U UG/KG	1.7 U UG/KG
2,4-D	7 U UG/KG	7.4 U UG/KG	7 U UG/KG	7.7 U UG/KG	8 U UG/KG	8 U UG/KG	7.4 U UG/KG	7.7 U UG/KG
2,4-DB	4 U UG/KG	4.2 U UG/KG	4 U UG/KG	4.4 U UG/KG	4.6 U UG/KG	4.6 U UG/KG	4.2 U UG/KG	4.4 U UG/KG
DALAPON	8 U UG/KG	8.4 U UG/KG	8 U UG/KG	8.8 U UG/KG	9.2 U UG/KG	9.2 U UG/KG	8.4 U UG/KG	8.8 U UG/KG
DICAMBA	4 U UG/KG	4.2 U UG/KG	4 U UG/KG	4.4 U UG/KG	4.6 U UG/KG	4.6 U UG/KG	4.2 U UG/KG	4.4 U UG/KG
DICHLOROPROP	20 U UG/KG	21 U UG/KG	20 U UG/KG	22 U UG/KG	23 U UG/KG	23 U UG/KG	21 U UG/KG	22 U UG/KG
DINOSEB	4 U UG/KG	4.2 U UG/KG	4 U UG/KG	4.4 U UG/KG	4.6 U UG/KG	4.6 U UG/KG	4.2 U UG/KG	4.4 U UG/KG

SAMPLE NUMBER	NTCSSB0100	NTCSSB0200	NTCSSB0300	NTCSSB0400	NTCSSB0500	NTCSSB0500-D	NTCSSB0600	NTCSSB0700
LAB ID NUMBER	F2392-16	F2392-17	F2392-18	F2392-19	F2392-20	F2392-26	F2392-21	F2392-22
SAMPLE DATE	5/13/98	5/13/98	5/13/98	5/13/98	5/13/98	5/13/98	5/13/98	5/13/98
PARAMETER	RESULTS	RESULTS	RESULTS	RESULTS	RESULTS	RESULTS	RESULTS	RESULTS
MCPA	2000 U UG/KG	2100 U UG/KG	2000 U UG/KG	2200 U UG/KG	2300 U UG/KG	2300 U UG/KG	2100 U UG/KG	2200 U UG/KG
MCPP	1000 U UG/KG	1000 U UG/KG	1000 U UG/KG	1100 U UG/KG	1200 U UG/KG	1200 U UG/KG	1000 U UG/KG	1100 U UG/KG
PENTACHLOROPHENOL	2 U UG/KG	2.1 U UG/KG	2 U UG/KG	2.2 U UG/KG	2.3 U UG/KG	2.3 U UG/KG	2.1 U UG/KG	2.2 U UG/KG
PESTICIDES/PCBS								
4,4'-DDD	3.4 U UG/KG	3.4 U UG/KG	3.3 U UG/KG	3.7 U UG/KG	3.7 U UG/KG	3.8 U UG/KG	3.4 U UG/KG	18 U UG/KG
4,4'-DDE	3.4 U UG/KG	3.4 U UG/KG	3.3 U UG/KG	3.7 U UG/KG	3.7 U UG/KG	3.8 U UG/KG	3.4 U UG/KG	18 U UG/KG
4,4'-DDT	3.4 U UG/KG	3.4 U UG/KG	3.3 U UG/KG	3.7 U UG/KG	3.7 U UG/KG	3.8 U UG/KG	3.4 U UG/KG	18 U UG/KG
ALDRIN	1.7 U UG/KG	1.7 U UG/KG	1.7 U UG/KG	1.8 U UG/KG	1.9 U UG/KG	1.9 U UG/KG	1.7 U UG/KG	8.9 U UG/KG
ALPHA-BHC	1.7 UJ UG/KG	1.7 UJ UG/KG	1.7 UJ UG/KG	1.8 UJ UG/KG	1.9 UJ UG/KG	1.9 UJ UG/KG	1.7 UJ UG/KG	8.9 UJ UG/KG
ALPHA-CHLORDANE	3.4 U UG/KG	3.4 U UG/KG	3.3 U UG/KG	3.7 U UG/KG	3.7 U UG/KG	3.8 U UG/KG	3.4 U UG/KG	18 U UG/KG
AROCLOR-1016								
AROCLOR-1221								
AROCLOR-1232								
AROCLOR-1242								
AROCLOR-1248								
AROCLOR-1254								
AROCLOR-1260								
BETA-BHC	1.7 U UG/KG	1.7 U UG/KG	1.7 U UG/KG	1.8 U UG/KG	1.9 U UG/KG	1.9 U UG/KG	1.7 U UG/KG	8.9 U UG/KG
DELTA-BHC	1.7 UJ UG/KG	1.7 UJ UG/KG	1.7 UJ UG/KG	1.8 UJ UG/KG	1.9 UJ UG/KG	1.9 UJ UG/KG	1.7 UJ UG/KG	8.9 UJ UG/KG
DIELDRIN	3.4 U UG/KG	3.4 U UG/KG	3.3 U UG/KG	3.7 U UG/KG	3.7 U UG/KG	3.8 U UG/KG	3.4 U UG/KG	18 U UG/KG
ENDOSULFAN I	1.7 U UG/KG	1.7 U UG/KG	1.7 U UG/KG	1.8 U UG/KG	1.9 U UG/KG	1.9 U UG/KG	1.7 U UG/KG	8.9 U UG/KG
ENDOSULFAN II	3.4 U UG/KG	3.4 U UG/KG	3.3 U UG/KG	3.7 U UG/KG	3.7 U UG/KG	3.8 U UG/KG	3.4 U UG/KG	18 U UG/KG
ENDOSULFAN SULFATE	3.4 U UG/KG	3.4 U UG/KG	3.3 U UG/KG	3.7 U UG/KG	3.7 U UG/KG	3.8 U UG/KG	3.4 U UG/KG	18 U UG/KG
ENDRIN	3.4 U UG/KG	3.4 U UG/KG	3.3 U UG/KG	3.7 U UG/KG	3.7 U UG/KG	3.8 U UG/KG	3.4 U UG/KG	18 U UG/KG
ENDRIN ALDEHYDE	3.4 U UG/KG	3.4 U UG/KG	3.3 U UG/KG	3.7 U UG/KG	3.7 U UG/KG	3.8 U UG/KG	3.4 U UG/KG	18 U UG/KG
ENDRIN KETONE	3.4 U UG/KG	3.4 U UG/KG	3.3 U UG/KG	3.7 U UG/KG	3.7 U UG/KG	3.8 U UG/KG	3.4 U UG/KG	18 U UG/KG
GAMMA-BHC (LINDANE)	1.7 U UG/KG	1.7 U UG/KG	1.7 U UG/KG	1.8 U UG/KG	1.9 U UG/KG	1.9 U UG/KG	1.7 U UG/KG	8.9 U UG/KG
GAMMA-CHLORDANE	3.4 U UG/KG	3.4 U UG/KG	3.3 U UG/KG	3.7 U UG/KG	3.7 U UG/KG	3.8 U UG/KG	3.4 U UG/KG	18 U UG/KG
HEPTACHLOR	1.7 U UG/KG	1.7 U UG/KG	1.7 U UG/KG	1.8 U UG/KG	1.9 U UG/KG	1.9 U UG/KG	1.7 U UG/KG	8.9 U UG/KG
HEPTACHLOR EPOXIDE	1.7 U UG/KG	1.7 U UG/KG	1.7 U UG/KG	1.8 U UG/KG	1.9 U UG/KG	1.9 U UG/KG	1.7 U UG/KG	8.9 U UG/KG
METHOXYCHLOR	17 U UG/KG	17 U UG/KG	17 U UG/KG	18 U UG/KG	19 U UG/KG	19 U UG/KG	17 U UG/KG	89 U UG/KG
TOXAPHENE	170 U UG/KG	170 U UG/KG	170 U UG/KG	180 U UG/KG	190 U UG/KG	190 U UG/KG	170 U UG/KG	890 U UG/KG
PETROLEUM HYDROCARBONS								
TPH (C8-C40)								
MISC								
CATION EXCHANGE CAPACITY								

SAMPLE NUMBER	NTCSSB0100	NTCSSB0200	NTCSSB0300	NTCSSB0400	NTCSSB0500	NTCSSB0500-D	NTCSSB0600	NTCSSB0700
LAB ID NUMBER	F2392-16	F2392-17	F2392-18	F2392-19	F2392-20	F2392-26	F2392-21	F2392-22
SAMPLE DATE	5/13/98	5/13/98	5/13/98	5/13/98	5/13/98	5/13/98	5/13/98	5/13/98
PARAMETER	RESULTS	RESULTS	RESULTS	RESULTS	RESULTS	RESULTS	RESULTS	RESULTS
CYANIDE								
TOTAL ORGANIC CARBON								
METALS								
ALUMINUM								
ANTIMONY								
ARSENIC								
BARIUM								
BERYLLIUM								
CADMIUM								
CALCIUM								
CHROMIUM								
COBALT								
COPPER								
IRON								
LEAD								
MAGNESIUM								
MANGANESE								
MERCURY								
NICKEL								
POTASSIUM								
SELENIUM								
SILVER								
SODIUM								
THALLIUM								
VANADIUM								
ZINC								
RADIOLOGICAL								
ACTINIUM-228								
BISMUTH-214								
CESIUM-137								
GROSS ALPHA								
GROSS BETA								
LEAD-210								
LEAD-212								
LEAD-214								
THALLIUM-208								

SAMPLE NUMBER	NTCSSB0800	NTCSSB0900	NTCSSB1000	NTCSSH4100	NTCSSH4200	NTCSSH4300	NTCSSH4400	NTCSSH4500
LAB ID NUMBER	F2392-23	F2392-24	F2392-25	F2392-5	F2392-6	F2392-7	F2392-8	F2392-9
SAMPLE DATE	5/13/98	5/13/98	5/13/98	5/13/98	5/13/98	5/13/98	5/13/98	5/13/98
PARAMETER	RESULTS	RESULTS	RESULTS	RESULTS	RESULTS	RESULTS	RESULTS	RESULTS
VOLATILES								
1,1,1-TRICHLOROETHANE	1.1 U UG/KG	1.1 U UG/KG	1 U UG/KG	1 U UG/KG	1 U UG/KG	1 UJ UG/KG	1 U UG/KG	1 UJ UG/KG
1,1,2,2-TETRACHLOROETHANE	0.81 U UG/KG	0.81 U UG/KG	0.76 U UG/KG	0.73 UJ UG/KG	0.73 U UG/KG	0.73 UJ UG/KG	0.74 U UG/KG	0.74 UJ UG/KG
1,1,2-TRICHLOROETHANE	0.91 U UG/KG	0.91 U UG/KG	0.86 U UG/KG	0.82 U UG/KG	0.82 U UG/KG	0.82 UJ UG/KG	0.84 UJ UG/KG	0.84 UJ UG/KG
1,1-DICHLOROETHANE	1.1 U UG/KG	1.1 U UG/KG	1.1 U UG/KG	1 U UG/KG	1 U UG/KG	1 UJ UG/KG	1 U UG/KG	1 UJ UG/KG
1,1-DICHLOROETHENE	1.1 U UG/KG	1.1 U UG/KG	1.1 U UG/KG	1 U UG/KG	1 U UG/KG	1 UJ UG/KG	1 U UG/KG	1 UJ UG/KG
1,2-DICHLOROETHANE	0.74 U UG/KG	0.74 U UG/KG	0.7 U UG/KG	0.67 U UG/KG	0.67 U UG/KG	0.67 UJ UG/KG	0.68 UJ UG/KG	0.68 UJ UG/KG
1,2-DICHLOROPROPANE	1.4 U UG/KG	1.4 U UG/KG	1.3 U UG/KG	1.2 U UG/KG	1.2 U UG/KG	1.2 UJ UG/KG	1.3 UJ UG/KG	1.3 UJ UG/KG
2-BUTANONE	5.7 U UG/KG	5.7 U UG/KG	5.4 U UG/KG	5.2 U UG/KG	5.2 U UG/KG	5.2 UJ UG/KG	5.2 U UG/KG	5.2 UJ UG/KG
2-HEXANONE	1.5 U UG/KG	1.5 U UG/KG	1.4 U UG/KG	1.3 U UG/KG	1.3 U UG/KG	1.3 UJ UG/KG	1.4 UJ UG/KG	1.4 UJ UG/KG
4-METHYL-2-PENTANONE	6 U UG/KG	6 U UG/KG	5.7 U UG/KG	5.4 U UG/KG	5.4 U UG/KG	5.4 UJ UG/KG	5.6 UJ UG/KG	5.6 UJ UG/KG
ACETONE	5.7 U UG/KG	5.7 U UG/KG	5.4 U UG/KG	5.2 U UG/KG	5.2 U UG/KG	5.2 UJ UG/KG	5.2 U UG/KG	5.2 UJ UG/KG
BENZENE	1.1 U UG/KG	1.1 U UG/KG	1.1 U UG/KG	1 U UG/KG	1 U UG/KG	1 UJ UG/KG	1 UJ UG/KG	1 UJ UG/KG
BROMODICHLOROMETHANE	0.87 U UG/KG	0.87 U UG/KG	0.81 U UG/KG	0.78 U UG/KG	0.78 U UG/KG	0.78 UJ UG/KG	0.8 UJ UG/KG	0.8 UJ UG/KG
BROMOFORM	0.62 UJ UG/KG	0.62 U UG/KG	0.58 U UG/KG	0.56 U UG/KG	0.56 U UG/KG	0.56 UJ UG/KG	0.57 UJ UG/KG	0.57 UJ UG/KG
BROMOMETHANE	1.4 U UG/KG	1.4 U UG/KG	1.3 U UG/KG	1.2 U UG/KG	1.2 U UG/KG	1.2 UJ UG/KG	1.3 U UG/KG	1.3 UJ UG/KG
CARBON DISULFIDE	1.2 U UG/KG	1.2 U UG/KG	1.2 U UG/KG	1.1 U UG/KG	1.1 U UG/KG	1.1 UJ UG/KG	1.2 U UG/KG	1.2 UJ UG/KG
CARBON TETRACHLORIDE	2.4 U UG/KG	2.4 U UG/KG	2.2 U UG/KG	2.2 U UG/KG	2.2 U UG/KG	2.2 UJ UG/KG	2.2 UJ UG/KG	2.2 UJ UG/KG
CHLOROBENZENE	1.2 UJ UG/KG	1.2 U UG/KG	1.2 U UG/KG	1.1 U UG/KG	1.1 U UG/KG	1.1 UJ UG/KG	1.2 UJ UG/KG	1.2 UJ UG/KG
CHLOROETHANE	1.2 U UG/KG	1.2 U UG/KG	1.2 U UG/KG	1.1 U UG/KG	1.1 U UG/KG	1.1 UJ UG/KG	1.2 U UG/KG	1.2 UJ UG/KG
CHLOROFORM	0.83 U UG/KG	0.83 U UG/KG	0.78 U UG/KG	0.75 U UG/KG	0.75 U UG/KG	0.75 UJ UG/KG	0.77 U UG/KG	0.77 UJ UG/KG
CHLOROMETHANE	1.5 U UG/KG	1.5 U UG/KG	1.4 U UG/KG	1.3 U UG/KG	1.3 U UG/KG	1.3 UJ UG/KG	1.4 U UG/KG	1.4 UJ UG/KG
CIS-1,2-DICHLOROETHENE	0.96 U UG/KG	0.96 U UG/KG	0.9 U UG/KG	0.86 U UG/KG	0.86 U UG/KG	0.86 UJ UG/KG	0.88 U UG/KG	0.88 UJ UG/KG
CIS-1,3-DICHLOROPROPENE	1.1 U UG/KG	1.1 U UG/KG	1 U UG/KG	1 U UG/KG	1 U UG/KG	1 UJ UG/KG	1 UJ UG/KG	1 UJ UG/KG
DIBROMOCHLOROMETHANE	0.84 UJ UG/KG	0.84 U UG/KG	0.79 U UG/KG	0.76 U UG/KG	0.76 U UG/KG	0.76 UJ UG/KG	0.78 UJ UG/KG	0.78 UJ UG/KG
ETHYLBENZENE	1.2 UJ UG/KG	1.2 U UG/KG	1.2 U UG/KG	1.1 U UG/KG	1.1 U UG/KG	1.1 UJ UG/KG	1.2 UJ UG/KG	1.2 UJ UG/KG
METHYLENE CHLORIDE	0.49 U UG/KG	0.49 U UG/KG	0.46 U UG/KG	0.44 U UG/KG	3 UG/KG	12.4 J UG/KG	0.45 U UG/KG	0.45 UJ UG/KG
STYRENE	0.97 UJ UG/KG	0.97 U UG/KG	0.91 U UG/KG	0.88 U UG/KG	0.88 U UG/KG	0.88 UJ UG/KG	0.89 UJ UG/KG	0.89 UJ UG/KG
TETRACHLOROETHENE	1 UJ UG/KG	1 U UG/KG	0.96 U UG/KG	0.93 U UG/KG	0.93 U UG/KG	0.93 UJ UG/KG	0.94 UJ UG/KG	0.94 UJ UG/KG
TOLUENE	1 U UG/KG	1 U UG/KG	0.95 U UG/KG	2.7 J UG/KG	1.5 UG/KG	14.9 J UG/KG	0.93 UJ UG/KG	0.93 UJ UG/KG
TRANS-1,2-DICHLOROETHENE	1.4 U UG/KG	1.4 U UG/KG	1.3 U UG/KG	1.2 U UG/KG	1.2 U UG/KG	1.2 UJ UG/KG	1.3 U UG/KG	1.3 UJ UG/KG
TRANS-1,3-DICHLOROPROPENE	1.2 U UG/KG	1.2 U UG/KG	1.2 U UG/KG	1.1 U UG/KG	1.1 U UG/KG	1.1 UJ UG/KG	1.2 UJ UG/KG	1.2 UJ UG/KG
TRICHLOROETHENE	1.6 U UG/KG	1.6 U UG/KG	1.5 U UG/KG	1.4 U UG/KG	1.4 U UG/KG	1.4 UJ UG/KG	1.5 UJ UG/KG	1.5 UJ UG/KG
VINYL CHLORIDE	1.1 U UG/KG	1.1 U UG/KG	1 U UG/KG	1 U UG/KG	1 U UG/KG	1 UJ UG/KG	1 U UG/KG	1 UJ UG/KG
XYLENES, TOTAL	1.1 UJ UG/KG	1.1 U UG/KG	1 U UG/KG	1 U UG/KG	1 U UG/KG	4.8 J UG/KG	1 U UG/KG	1 UJ UG/KG
SEMIVOLATILES								

SAMPLE NUMBER	NTCSSB0800	NTCSSB0900	NTCSSB1000	NTCSSH4100	NTCSSH4200	NTCSSH4300	NTCSSH4400	NTCSSH4500
LAB ID NUMBER	F2392-23	F2392-24	F2392-25	F2392-5	F2392-6	F2392-7	F2392-8	F2392-9
SAMPLE DATE	5/13/98	5/13/98	5/13/98	5/13/98	5/13/98	5/13/98	5/13/98	5/13/98
PARAMETER	RESULTS	RESULTS	RESULTS	RESULTS	RESULTS	RESULTS	RESULTS	RESULTS
1,2,4-TRICHLOROBENZENE				340 U UG/KG	340 U UG/KG	340 U UG/KG	350 U UG/KG	350 U UG/KG
1,2-DICHLOROBENZENE				340 U UG/KG	340 U UG/KG	340 U UG/KG	350 U UG/KG	350 U UG/KG
1,3-DICHLOROBENZENE				340 U UG/KG	340 U UG/KG	340 U UG/KG	350 U UG/KG	350 U UG/KG
1,4-DICHLOROBENZENE				340 U UG/KG	340 U UG/KG	340 U UG/KG	350 U UG/KG	350 U UG/KG
2,4,5-TRICHLOROPHENOL				340 U UG/KG	340 U UG/KG	340 U UG/KG	350 U UG/KG	350 U UG/KG
2,4,6-TRICHLOROPHENOL				340 U UG/KG	340 U UG/KG	340 U UG/KG	350 U UG/KG	350 U UG/KG
2,4-DICHLOROPHENOL				340 U UG/KG	340 U UG/KG	340 U UG/KG	350 U UG/KG	350 U UG/KG
2,4-DIMETHYLPHENOL				860 U UG/KG	860 U UG/KG	860 U UG/KG	880 U UG/KG	880 U UG/KG
2,4-DINITROPHENOL				860 U UG/KG	860 U UG/KG	860 U UG/KG	880 U UG/KG	880 U UG/KG
2,4-DINITROTOLUENE				340 U UG/KG	340 U UG/KG	340 U UG/KG	350 U UG/KG	350 U UG/KG
2,6-DINITROTOLUENE				340 U UG/KG	340 U UG/KG	340 U UG/KG	350 U UG/KG	350 U UG/KG
2-CHLORONAPHTHALENE				340 U UG/KG	340 U UG/KG	340 U UG/KG	350 U UG/KG	350 U UG/KG
2-CHLOROPHENOL				340 U UG/KG	340 U UG/KG	340 U UG/KG	350 U UG/KG	350 U UG/KG
2-METHYLNAPHTHALENE				340 U UG/KG	340 U UG/KG	340 U UG/KG	350 U UG/KG	350 U UG/KG
2-METHYLPHENOL				340 U UG/KG	340 U UG/KG	340 U UG/KG	350 U UG/KG	350 U UG/KG
2-NITROANILINE				340 U UG/KG	340 U UG/KG	340 U UG/KG	350 U UG/KG	350 U UG/KG
2-NITROPHENOL				340 U UG/KG	340 U UG/KG	340 U UG/KG	350 U UG/KG	350 U UG/KG
3&4-METHYLPHENOL				340 U UG/KG	340 U UG/KG	340 U UG/KG	350 U UG/KG	350 U UG/KG
3,3'-DICHLOROBENZIDINE				860 U UG/KG	860 U UG/KG	860 U UG/KG	880 U UG/KG	880 U UG/KG
3-NITROANILINE				340 U UG/KG	340 U UG/KG	340 U UG/KG	350 U UG/KG	350 U UG/KG
4,6-DINITRO-2-METHYLPHENOL				340 U UG/KG	340 U UG/KG	340 U UG/KG	350 U UG/KG	350 U UG/KG
4-BROMOPHENYL PHENYL ETHER				340 U UG/KG	340 U UG/KG	340 U UG/KG	350 U UG/KG	350 U UG/KG
4-CHLORO-3-METHYLPHENOL				860 U UG/KG	860 U UG/KG	860 U UG/KG	880 U UG/KG	880 U UG/KG
4-CHLOROANILINE				340 U UG/KG	340 U UG/KG	340 U UG/KG	350 U UG/KG	350 U UG/KG
4-CHLOROPHENYL PHENYL ETHER				340 U UG/KG	340 U UG/KG	340 U UG/KG	350 U UG/KG	350 U UG/KG
4-NITROANILINE				340 U UG/KG	340 U UG/KG	340 U UG/KG	350 U UG/KG	350 U UG/KG
4-NITROPHENOL				860 U UG/KG	860 U UG/KG	860 U UG/KG	880 U UG/KG	880 U UG/KG
ACENAPHTHENE				340 U UG/KG	340 U UG/KG	340 U UG/KG	350 U UG/KG	350 U UG/KG
ACENAPHTHYLENE				340 U UG/KG	340 U UG/KG	340 U UG/KG	350 U UG/KG	350 U UG/KG
ANTHRACENE				340 U UG/KG	340 U UG/KG	340 U UG/KG	350 U UG/KG	350 U UG/KG
BENZO(A)ANTHRACENE				340 U UG/KG	340 U UG/KG	340 U UG/KG	350 U UG/KG	350 U UG/KG
BENZO(A)PYRENE				86 U UG/KG	86 U UG/KG	86 U UG/KG	88 U UG/KG	88 U UG/KG
BENZO(B)FLUORANTHENE				340 U UG/KG	340 U UG/KG	340 U UG/KG	350 U UG/KG	350 U UG/KG
BENZO(G,H,I)PERYLENE				340 U UG/KG	340 U UG/KG	340 U UG/KG	350 U UG/KG	350 U UG/KG
BENZO(K)FLUORANTHENE				340 U UG/KG	340 U UG/KG	340 U UG/KG	350 U UG/KG	350 U UG/KG
BIS(2-CHLOROETHOXY)METHANE				340 U UG/KG	340 U UG/KG	340 U UG/KG	350 U UG/KG	350 U UG/KG

SAMPLE NUMBER	NTCSSB0800	NTCSSB0900	NTCSSB1000	NTCSSH4100	NTCSSH4200	NTCSSH4300	NTCSSH4400	NTCSSH4500
LAB ID NUMBER	F2392-23	F2392-24	F2392-25	F2392-5	F2392-6	F2392-7	F2392-8	F2392-9
SAMPLE DATE	5/13/98	5/13/98	5/13/98	5/13/98	5/13/98	5/13/98	5/13/98	5/13/98
PARAMETER	RESULTS	RESULTS	RESULTS	RESULTS	RESULTS	RESULTS	RESULTS	RESULTS
BIS(2-CHLOROETHYL)ETHER				340 U UG/KG	340 U UG/KG	340 U UG/KG	350 U UG/KG	350 U UG/KG
BIS(2-CHLOROISOPROPYL) ETHER				340 U UG/KG	340 U UG/KG	340 U UG/KG	350 U UG/KG	350 U UG/KG
BIS(2-ETHYLHEXYL)PHTHALATE				340 U UG/KG	340 U UG/KG	340 U UG/KG	350 U UG/KG	350 U UG/KG
BUTYLBENZYL PHTHALATE				340 U UG/KG	340 U UG/KG	340 U UG/KG	350 U UG/KG	350 U UG/KG
CARBAZOLE				340 U UG/KG	340 U UG/KG	340 U UG/KG	350 U UG/KG	350 U UG/KG
CHRYSENE				340 U UG/KG	340 U UG/KG	340 U UG/KG	350 U UG/KG	350 U UG/KG
DI-N-BUTYL PHTHALATE				340 U UG/KG	340 U UG/KG	340 U UG/KG	350 U UG/KG	350 U UG/KG
DI-N-OCTYL PHTHALATE				340 U UG/KG	340 U UG/KG	340 U UG/KG	350 U UG/KG	350 U UG/KG
DIBENZO(A,H)ANTHRACENE				86 U UG/KG	86 U UG/KG	86 U UG/KG	88 U UG/KG	88 U UG/KG
DIBENZOFURAN				340 U UG/KG	340 U UG/KG	340 U UG/KG	350 U UG/KG	350 U UG/KG
DIETHYL PHTHALATE				340 U UG/KG	340 U UG/KG	340 U UG/KG	350 U UG/KG	350 U UG/KG
DIMETHYL PHTHALATE				340 U UG/KG	340 U UG/KG	340 U UG/KG	350 U UG/KG	350 U UG/KG
FLUORANTHENE				340 U UG/KG	340 U UG/KG	340 U UG/KG	350 U UG/KG	350 U UG/KG
FLUORENE				340 U UG/KG	340 U UG/KG	340 U UG/KG	350 U UG/KG	350 U UG/KG
HEXACHLOROBENZENE				340 U UG/KG	340 U UG/KG	340 U UG/KG	350 U UG/KG	350 U UG/KG
HEXACHLOROBUTADIENE				340 U UG/KG	340 U UG/KG	340 U UG/KG	350 U UG/KG	350 U UG/KG
HEXACHLOROCYCLOPENTADIENE				340 U UG/KG	340 U UG/KG	340 U UG/KG	350 U UG/KG	350 U UG/KG
HEXACHLOROETHANE				340 U UG/KG	340 U UG/KG	340 U UG/KG	350 U UG/KG	350 U UG/KG
INDENO(1,2,3-CD)PYRENE				340 U UG/KG	340 U UG/KG	340 U UG/KG	350 U UG/KG	350 U UG/KG
ISOPHORONE				340 U UG/KG	340 U UG/KG	340 U UG/KG	350 U UG/KG	350 U UG/KG
N-NITROSO-DI-N-PROPYLAMINE				17 U UG/KG	17 U UG/KG	17 U UG/KG	18 U UG/KG	18 U UG/KG
N-NITROSODIPHENYLAMINE				340 U UG/KG	340 U UG/KG	340 U UG/KG	350 U UG/KG	350 U UG/KG
NAPHTHALENE				340 U UG/KG	340 U UG/KG	340 U UG/KG	350 U UG/KG	350 U UG/KG
NITROBENZENE				340 U UG/KG	340 U UG/KG	340 U UG/KG	350 U UG/KG	350 U UG/KG
PHENANTHRENE				340 U UG/KG	340 U UG/KG	340 U UG/KG	350 U UG/KG	350 U UG/KG
PHENOL				340 U UG/KG	340 U UG/KG	340 U UG/KG	350 U UG/KG	350 U UG/KG
PYRENE				340 U UG/KG	340 U UG/KG	340 U UG/KG	350 U UG/KG	350 U UG/KG
HERBICIDES								
2,4,5-T	1.5 U UG/KG	1.5 U UG/KG	1.4 U UG/KG	1.4 U UG/KG	1.4 U UG/KG	1.4 U UG/KG	1.4 U UG/KG	1.4 U UG/KG
2,4,5-TP (SILVEX)	1.7 U UG/KG	1.7 U UG/KG	1.6 U UG/KG	1.6 U UG/KG	1.6 U UG/KG	1.6 U UG/KG	1.6 U UG/KG	1.6 U UG/KG
2,4-D	8 U UG/KG	8 U UG/KG	7.4 U UG/KG	7.4 U UG/KG	7.4 U UG/KG	7.4 U UG/KG	7.4 U UG/KG	7.4 U UG/KG
2,4-DB	4.6 U UG/KG	4.6 U UG/KG	4.2 U UG/KG	4.2 U UG/KG	4.2 U UG/KG	4.2 U UG/KG	4.2 U UG/KG	4.2 U UG/KG
DALAPON	9.2 U UG/KG	9.2 U UG/KG	8.4 U UG/KG	8.4 U UG/KG	8.4 U UG/KG	8.4 U UG/KG	8.4 U UG/KG	8.4 U UG/KG
DICAMBA	4.6 U UG/KG	4.6 U UG/KG	4.2 U UG/KG	4.2 U UG/KG	4.2 U UG/KG	4.2 U UG/KG	4.2 U UG/KG	4.2 U UG/KG
DICHLOROPROP	23 U UG/KG	23 U UG/KG	21 U UG/KG	21 U UG/KG	21 U UG/KG	21 U UG/KG	21 U UG/KG	21 U UG/KG
DINOSEB	4.6 U UG/KG	4.6 U UG/KG	4.2 U UG/KG	4.2 U UG/KG	4.2 U UG/KG	4.2 U UG/KG	4.2 U UG/KG	4.2 U UG/KG

SAMPLE NUMBER	NTCSSB0800	NTCSSB0900	NTCSSB1000	NTCSSH4100	NTCSSH4200	NTCSSH4300	NTCSSH4400	NTCSSH4500
LAB ID NUMBER	F2392-23	F2392-24	F2392-25	F2392-5	F2392-6	F2392-7	F2392-8	F2392-9
SAMPLE DATE	5/13/98	5/13/98	5/13/98	5/13/98	5/13/98	5/13/98	5/13/98	5/13/98
PARAMETER	RESULTS	RESULTS	RESULTS	RESULTS	RESULTS	RESULTS	RESULTS	RESULTS
MCPA	2300 U UG/KG	2300 U UG/KG	2100 U UG/KG	2100 U UG/KG	2100 U UG/KG	2100 U UG/KG	2100 U UG/KG	2100 U UG/KG
MCPP	1200 U UG/KG	1200 U UG/KG	1000 U UG/KG	1000 U UG/KG	1000 U UG/KG	1000 U UG/KG	1000 U UG/KG	1000 U UG/KG
PENTACHLOROPHENOL	2.3 U UG/KG	2.3 U UG/KG	2.1 U UG/KG	2.1 U UG/KG	2.1 U UG/KG	2.1 U UG/KG	2.1 U UG/KG	2.1 U UG/KG
PESTICIDES/PCBS								
4,4'-DDD	7.5 U UG/KG	3.8 U UG/KG	3.5 U UG/KG	3.4 U UG/KG	3.4 U UG/KG	3.4 U UG/KG	3.5 U UG/KG	3.5 U UG/KG
4,4'-DDE	7.5 U UG/KG	3.8 U UG/KG	3.5 U UG/KG	3.8 UG/KG	3.4 U UG/KG	3.4 U UG/KG	3.5 U UG/KG	3.5 U UG/KG
4,4'-DDT	7.5 U UG/KG	3.8 U UG/KG	3.5 U UG/KG	3.4 U UG/KG	3.4 U UG/KG	3.4 U UG/KG	3.5 U UG/KG	3.5 U UG/KG
ALDRIN	3.8 U UG/KG	1.9 U UG/KG	1.8 U UG/KG	1.7 U UG/KG	1.7 U UG/KG	1.7 U UG/KG	1.8 U UG/KG	1.8 U UG/KG
ALPHA-BHC	3.8 UJ UG/KG	1.9 UJ UG/KG	1.8 UJ UG/KG	1.7 U UG/KG	1.7 U UG/KG	1.7 U UG/KG	1.8 U UG/KG	1.8 U UG/KG
ALPHA-CHLORDANE	7.5 U UG/KG	3.8 U UG/KG	3.5 U UG/KG	3.4 U UG/KG	3.4 U UG/KG	3.4 U UG/KG	3.5 U UG/KG	3.5 U UG/KG
AROCLOR-1016				34 U UG/KG	34 U UG/KG	34 U UG/KG	35 U UG/KG	70 U UG/KG
AROCLOR-1221				34 U UG/KG	34 U UG/KG	34 U UG/KG	35 U UG/KG	70 U UG/KG
AROCLOR-1232				34 U UG/KG	34 U UG/KG	34 U UG/KG	35 U UG/KG	70 U UG/KG
AROCLOR-1242				34 U UG/KG	34 U UG/KG	34 U UG/KG	35 U UG/KG	70 U UG/KG
AROCLOR-1248				34 U UG/KG	34 U UG/KG	34 U UG/KG	35 U UG/KG	70 U UG/KG
AROCLOR-1254				34 U UG/KG	34 U UG/KG	34 U UG/KG	35 U UG/KG	70 U UG/KG
AROCLOR-1260				34 U UG/KG	34 U UG/KG	34 U UG/KG	35 U UG/KG	70 U UG/KG
BETA-BHC	3.8 U UG/KG	1.9 U UG/KG	1.8 U UG/KG	1.7 U UG/KG	1.7 U UG/KG	1.7 U UG/KG	1.8 U UG/KG	1.8 U UG/KG
DELTA-BHC	3.8 UJ UG/KG	1.9 UJ UG/KG	1.8 UJ UG/KG	1.7 U UG/KG	1.7 U UG/KG	1.7 U UG/KG	1.8 U UG/KG	1.8 U UG/KG
DIELDRIN	7.5 U UG/KG	3.8 U UG/KG	3.5 U UG/KG	3.4 U UG/KG	3.4 U UG/KG	3.4 U UG/KG	3.5 U UG/KG	3.5 U UG/KG
ENDOSULFAN I	3.8 U UG/KG	1.9 U UG/KG	1.8 U UG/KG	1.7 U UG/KG	1.7 U UG/KG	1.7 U UG/KG	1.8 U UG/KG	1.8 U UG/KG
ENDOSULFAN II	7.5 U UG/KG	3.8 U UG/KG	3.5 U UG/KG	3.4 U UG/KG	3.4 U UG/KG	3.4 U UG/KG	3.5 U UG/KG	3.5 U UG/KG
ENDOSULFAN SULFATE	7.5 U UG/KG	3.8 U UG/KG	3.5 U UG/KG	3.4 U UG/KG	3.4 U UG/KG	3.4 U UG/KG	3.5 U UG/KG	3.5 U UG/KG
ENDRIN	7.5 U UG/KG	3.8 U UG/KG	3.5 U UG/KG	3.4 U UG/KG	3.4 U UG/KG	3.4 U UG/KG	3.5 U UG/KG	3.5 U UG/KG
ENDRIN ALDEHYDE	7.5 U UG/KG	3.8 U UG/KG	3.5 U UG/KG	3.4 U UG/KG	3.4 U UG/KG	3.4 U UG/KG	3.5 U UG/KG	3.5 U UG/KG
ENDRIN KETONE	7.5 U UG/KG	3.8 U UG/KG	3.5 U UG/KG	3.4 U UG/KG	3.4 U UG/KG	3.4 U UG/KG	3.5 U UG/KG	3.5 U UG/KG
GAMMA-BHC (LINDANE)	3.8 U UG/KG	1.9 U UG/KG	1.8 U UG/KG	1.7 U UG/KG	1.7 U UG/KG	1.7 U UG/KG	1.8 U UG/KG	1.8 U UG/KG
GAMMA-CHLORDANE	7.5 U UG/KG	3.8 U UG/KG	3.5 U UG/KG	3.4 U UG/KG	3.4 U UG/KG	3.4 U UG/KG	3.5 U UG/KG	3.5 U UG/KG
HEPTACHLOR	3.8 U UG/KG	1.9 U UG/KG	1.8 U UG/KG	1.7 U UG/KG	1.7 U UG/KG	1.7 U UG/KG	1.8 U UG/KG	1.8 U UG/KG
HEPTACHLOR EPOXIDE	3.8 U UG/KG	1.9 U UG/KG	1.8 U UG/KG	1.7 U UG/KG	1.7 U UG/KG	1.7 U UG/KG	1.8 U UG/KG	1.8 U UG/KG
METHOXYCHLOR	38 U UG/KG	19 U UG/KG	18 U UG/KG	17 U UG/KG	17 U UG/KG	17 U UG/KG	18 U UG/KG	18 U UG/KG
TOXAPHENE	380 U UG/KG	190 U UG/KG	180 U UG/KG	170 U UG/KG	170 U UG/KG	170 U UG/KG	180 U UG/KG	180 U UG/KG
PETROLEUM HYDROCARBONS								
TPH (C8-C40)				23.8 MG/KG	33.6 MG/KG	39.8 MG/KG	32.6 MG/KG	49.6 MG/KG
MISC								
CATION EXCHANGE CAPACITY								

SAMPLE NUMBER	NTCSSB0800	NTCSSB0900	NTCSSB1000	NTCSSH4100	NTCSSH4200	NTCSSH4300	NTCSSH4400	NTCSSH4500
LAB ID NUMBER	F2392-23	F2392-24	F2392-25	F2392-5	F2392-6	F2392-7	F2392-8	F2392-9
SAMPLE DATE	5/13/98	5/13/98	5/13/98	5/13/98	5/13/98	5/13/98	5/13/98	5/13/98
PARAMETER	RESULTS	RESULTS	RESULTS	RESULTS	RESULTS	RESULTS	RESULTS	RESULTS
CYANIDE				1.0 UJ MG/KG	1.0 UJ MG/KG	1.0 UJ MG/KG	1.0 UJ MG/KG	1.0 U MG/KG
TOTAL ORGANIC CARBON								
METALS								
ALUMINUM				282 MG/KG	510 MG/KG	567 MG/KG	2020 MG/KG	863 MG/KG
ANTIMONY				0.33 U MG/KG	0.33 U MG/KG	0.33 U MG/KG	0.34 U MG/KG	0.84 MG/KG
ARSENIC				0.25 U MG/KG	0.25 U MG/KG	0.25 U MG/KG	0.25 U MG/KG	0.25 U MG/KG
BARIUM				2.7 MG/KG	3.1 MG/KG	3.7 MG/KG	4.0 MG/KG	12.0 MG/KG
BERYLLIUM				0.13 U MG/KG	0.18 U MG/KG	0.14 U MG/KG	0.19 U MG/KG	0.16 U MG/KG
CADMIUM				0.26 U MG/KG	0.05 U MG/KG	0.19 U MG/KG	0.36 U MG/KG	0.30 U MG/KG
CALCIUM				300 J MG/KG	300 J MG/KG	288 J MG/KG	309 J MG/KG	425 J MG/KG
CHROMIUM				0.63 U MG/KG	0.59 U MG/KG	0.80 U MG/KG	2.5 U MG/KG	0.96 U MG/KG
COBALT				0.14 U MG/KG	0.14 U MG/KG	0.14 U MG/KG	0.15 U MG/KG	0.15 U MG/KG
COPPER				1.7 MG/KG	2.1 MG/KG	1.8 MG/KG	1.9 MG/KG	2.8 MG/KG
IRON				80.8 MG/KG	237 MG/KG	200 MG/KG	550 MG/KG	233 MG/KG
LEAD				3.5 MG/KG	11.4 MG/KG	3.5 MG/KG	3.1 MG/KG	6.4 MG/KG
MAGNESIUM				58.0 MG/KG	58.0 MG/KG	51.3 MG/KG	65.0 MG/KG	63.2 MG/KG
MANGANESE				1.5 MG/KG	0.68 U MG/KG	0.54 U MG/KG	1.1 MG/KG	0.64 U MG/KG
MERCURY				0.04 U MG/KG	0.04 U MG/KG	0.04 U MG/KG	0.04 U MG/KG	0.04 U MG/KG
NICKEL				0.70 U MG/KG	0.47 U MG/KG	0.69 U MG/KG	0.80 U MG/KG	1.6 U MG/KG
POTASSIUM				27.1 U MG/KG	32.7 U MG/KG	25.3 U MG/KG	26.4 U MG/KG	41.2 U MG/KG
SELENIUM				0.30 U MG/KG	0.30 U MG/KG	0.30 U MG/KG	0.30 U MG/KG	0.31 MG/KG
SILVER				0.12 U MG/KG	0.12 U MG/KG	0.12 U MG/KG	0.13 U MG/KG	0.13 U MG/KG
SODIUM				160 U MG/KG	160 U MG/KG	160 U MG/KG	170 U MG/KG	170 U MG/KG
THALLIUM				0.27 U MG/KG	0.27 U MG/KG	0.27 U MG/KG	0.27 U MG/KG	0.27 U MG/KG
VANADIUM				0.34 MG/KG	0.42 MG/KG	0.45 MG/KG	0.16 U MG/KG	0.16 U MG/KG
ZINC				4.7 MG/KG	3.7 MG/KG	3.9 MG/KG	7.1 MG/KG	4.3 MG/KG
RADIOLOGICAL								
ACTINIUM-228					0.6+/-0.2 pCi/g	0.4+/-0.2 pCi/g	0.5+/-0.2 pCi/g	0.5+/-0.2 pCi/g
BISMUTH-214				0.4+/-0.1 pCi/g				0.8+/-0.2 pCi/g
CESIUM-137						REJECTED BY LAB AFTER RE-EVALUATION	~~0.2+/-0.1 pCi/g~~	
GROSS ALPHA				0.0+/-2.1 U pCi/g	8.1+/-2.1 pCi/g	10.4+/-2.4 pCi/g	0.0+/-2.5 U pCi/g	0.5+/-2.3 U pCi/g
GROSS BETA				6.1+/-1.7 pCi/g	6.4+/-1.8 pCi/g	4.5+/-1.9 pCi/g	3.9+/-1.7 pCi/g	1.2+/-1.7 U pCi/g
LEAD-210							2.3+/-1.0 pCi/g	
LEAD-212						0.2+/-0.1 pCi/g		0.2+/-0.1 pCi/g
LEAD-214				0.6+/-0.2 pCi/g	1.3+/-0.2 pCi/g	0.8+/-0.2 pCi/g	1.0+/-0.3 pCi/g	0.8+/-0.2 pCi/g
THALLIUM-208								0.2+/-0.1 pCi/g

SAMPLE NUMBER	NTCSSH4500-D	NTCSSH4600	NTCSSH4700	NTCSSH4800	NTCSSH4900	NTCSSH4900-D	NTCSSS0100
LAB ID NUMBER	F2392-14	F2392-10	F2392-11	F2392-12	F2392-13	F2392-15	F2392-1
SAMPLE DATE	5/13/98	5/13/98	5/13/98	5/13/98	5/13/98	5/13/98	5/12/98
PARAMETER	RESULTS	RESULTS	RESULTS	RESULTS	RESULTS	RESULTS	RESULTS
VOLATILES							
1,1,1-TRICHLOROETHANE	1 UJ UG/KG	1 UJ UG/KG	1 U UG/KG	1.1 U UG/KG	0.99 U UG/KG	1 U UG/KG	1.1 U UG/KG
1,1,2,2-TETRACHLOROETHANE	0.75 UJ UG/KG	0.75 UJ UG/KG	0.74 UJ UG/KG	0.82 UJ UG/KG	0.72 UJ UG/KG	0.72 U UG/KG	0.82 UJ UG/KG
1,1,2-TRICHLOROETHANE	0.85 UJ UG/KG	0.85 UJ UG/KG	0.83 UJ UG/KG	0.93 U UG/KG	0.81 U UG/KG	0.82 U UG/KG	0.92 UJ UG/KG
1,1-DICHLOROETHANE	1.1 UJ UG/KG	1.1 UJ UG/KG	1 U UG/KG	1.2 U UG/KG	1 U UG/KG	1 U UG/KG	1.2 U UG/KG
1,1-DICHLOROETHENE	1.1 UJ UG/KG	1.1 UJ UG/KG	1 U UG/KG	1.2 U UG/KG	1 U UG/KG	1 U UG/KG	1.2 U UG/KG
1,2-DICHLOROETHANE	0.69 UJ UG/KG	0.69 UJ UG/KG	0.68 UJ UG/KG	0.75 U UG/KG	0.66 U UG/KG	0.66 U UG/KG	0.75 UJ UG/KG
1,2-DICHLOROPROPANE	1.3 UJ UG/KG	1.3 UJ UG/KG	1.2 UJ UG/KG	1.4 U UG/KG	1.2 U UG/KG	1.2 U UG/KG	1.4 UJ UG/KG
2-BUTANONE	5.3 UJ UG/KG	5.3 UJ UG/KG	5.2 U UG/KG	5.8 U UG/KG	5 U UG/KG	5.1 U UG/KG	5.8 U UG/KG
2-HEXANONE	1.4 UJ UG/KG	1.4 UJ UG/KG	1.4 UJ UG/KG	1.5 U UG/KG	1.3 U UG/KG	1.3 U UG/KG	1.5 UJ UG/KG
4-METHYL-2-PENTANONE	5.6 UJ UG/KG	5.6 UJ UG/KG	5.5 UJ UG/KG	6.1 U UG/KG	5.4 U UG/KG	5.4 U UG/KG	6.1 UJ UG/KG
ACETONE	5.3 UJ UG/KG	5.3 UJ UG/KG	5.2 U UG/KG	5.8 U UG/KG	5 U UG/KG	5.1 U UG/KG	5.8 U UG/KG
BENZENE	1.1 UJ UG/KG	1.1 UJ UG/KG	1 UJ UG/KG	1.2 U UG/KG	1 U UG/KG	1 U UG/KG	1.2 UJ UG/KG
BROMODICHLOROMETHANE	0.8 UJ UG/KG	0.8 UJ UG/KG	0.79 UJ UG/KG	0.88 U UG/KG	0.77 U UG/KG	0.78 U UG/KG	0.87 UJ UG/KG
BROMOFORM	0.57 UJ UG/KG	0.57 UJ UG/KG	0.56 UJ UG/KG	0.63 UJ UG/KG	0.54 UJ UG/KG	0.55 U UG/KG	0.62 UJ UG/KG
BROMOMETHANE	1.3 UJ UG/KG	1.3 UJ UG/KG	1.2 UJ UG/KG	1.4 U UG/KG	1.2 U UG/KG	1.2 U UG/KG	1.4 UJ UG/KG
CARBON DISULFIDE	1.2 UJ UG/KG	1.2 UJ UG/KG	1.1 U UG/KG	1.3 U UG/KG	1.1 U UG/KG	1.1 U UG/KG	1.3 U UG/KG
CARBON TETRACHLORIDE	2.2 UJ UG/KG	2.2 UJ UG/KG	2.2 UJ UG/KG	2.4 U UG/KG	2.1 U UG/KG	2.1 U UG/KG	2.4 UJ UG/KG
CHLOROBENZENE	1.2 UJ UG/KG	1.2 UJ UG/KG	1.1 UJ UG/KG	1.3 UJ UG/KG	1.1 UJ UG/KG	1.1 U UG/KG	1.3 UJ UG/KG
CHLOROETHANE	1.2 UJ UG/KG	1.2 UJ UG/KG	1.1 U UG/KG	1.3 U UG/KG	1.1 U UG/KG	1.1 U UG/KG	1.3 U UG/KG
CHLOROFORM	0.77 UJ UG/KG	0.77 UJ UG/KG	0.76 U UG/KG	0.85 U UG/KG	0.74 U UG/KG	0.74 U UG/KG	0.84 U UG/KG
CHLOROMETHANE	1.4 UJ UG/KG	1.4 UJ UG/KG	1.4 U UG/KG	1.5 U UG/KG	1.3 U UG/KG	1.3 U UG/KG	1.5 U UG/KG
CIS-1,2-DICHLOROETHENE	0.89 UJ UG/KG	0.89 UJ UG/KG	0.87 U UG/KG	0.97 U UG/KG	0.85 U UG/KG	0.86 U UG/KG	0.97 U UG/KG
CIS-1,3-DICHLOROPROPENE	1 UJ UG/KG	1 UJ UG/KG	1 UJ UG/KG	1.1 U UG/KG	0.98 U UG/KG	0.99 U UG/KG	1.1 UJ UG/KG
DIBROMOCHLOROMETHANE	0.78 UJ UG/KG	0.78 UJ UG/KG	0.77 UJ UG/KG	0.86 UJ UG/KG	0.75 UJ UG/KG	0.75 U UG/KG	0.85 UJ UG/KG
ETHYLBENZENE	1.2 UJ UG/KG	1.2 UJ UG/KG	1.1 UJ UG/KG	1.3 UJ UG/KG	1.1 UJ UG/KG	1.1 U UG/KG	1.3 UJ UG/KG
METHYLENE CHLORIDE	0.46 UJ UG/KG	16.3 J UG/KG	15.5 UG/KG	14.3 J UG/KG	4.6 J UG/KG	2.3 UG/KG	0.49 U UG/KG
STYRENE	0.9 UJ UG/KG	0.9 UJ UG/KG	0.88 UJ UG/KG	0.99 UJ UG/KG	0.86 UJ UG/KG	0.87 U UG/KG	0.98 UJ UG/KG
TETRACHLOROETHENE	0.95 UJ UG/KG	0.95 UJ UG/KG	0.94 UJ UG/KG	1 UJ UG/KG	0.91 UJ UG/KG	0.92 U UG/KG	1 UJ UG/KG
TOLUENE	0.94 UJ UG/KG	3.7 J UG/KG	8.6 UG/KG	5.4 J UG/KG	0.9 U UG/KG	0.91 U UG/KG	1 UJ UG/KG
TRANS-1,2-DICHLOROETHENE	1.3 UJ UG/KG	1.3 UJ UG/KG	1.2 U UG/KG	1.4 U UG/KG	1.2 U UG/KG	1.2 U UG/KG	1.4 U UG/KG
TRANS-1,3-DICHLOROPROPENE	1.2 UJ UG/KG	1.2 UJ UG/KG	1.1 UJ UG/KG	1.3 U UG/KG	1.1 U UG/KG	1.1 U UG/KG	1.3 UJ UG/KG
TRICHLOROETHENE	1.5 UJ UG/KG	1.5 UJ UG/KG	1.4 UJ UG/KG	1.6 U UG/KG	1.4 U UG/KG	1.4 U UG/KG	1.6 UJ UG/KG
VINYL CHLORIDE	1 UJ UG/KG	1 UJ UG/KG	1 U UG/KG	1.1 U UG/KG	0.98 U UG/KG	0.99 U UG/KG	1.1 U UG/KG
XYLENES, TOTAL	1 UJ UG/KG	1 UJ UG/KG	1 UJ UG/KG	1.1 UJ UG/KG	0.99 UJ UG/KG	1 U UG/KG	1.1 UJ UG/KG
SEMIVOLATILES							

SAMPLE NUMBER	NTCSSH4500-D	NTCSSH4600	NTCSSH4700	NTCSSH4800	NTCSSH4900	NTCSSH4900-D	NTCSSS0100
LAB ID NUMBER	F2392-14	F2392-10	F2392-11	F2392-12	F2392-13	F2392-15	F2392-1
SAMPLE DATE	5/13/98	5/13/98	5/13/98	5/13/98	5/13/98	5/13/98	5/12/98
PARAMETER	RESULTS	RESULTS	RESULTS	RESULTS	RESULTS	RESULTS	RESULTS
1,2,4-TRICHLOROBENZENE	350 U UG/KG	350 U UG/KG	350 U UG/KG	390 U UG/KG	340 U UG/KG	340 U UG/KG	770 U UG/KG
1,2-DICHLOROBENZENE	350 U UG/KG	350 U UG/KG	350 U UG/KG	390 U UG/KG	340 U UG/KG	340 U UG/KG	770 U UG/KG
1,3-DICHLOROBENZENE	350 U UG/KG	350 U UG/KG	350 U UG/KG	390 U UG/KG	340 U UG/KG	340 U UG/KG	770 U UG/KG
1,4-DICHLOROBENZENE	350 U UG/KG	350 U UG/KG	350 U UG/KG	390 U UG/KG	340 U UG/KG	340 U UG/KG	770 U UG/KG
2,4,5-TRICHLOROPHENOL	350 U UG/KG	350 U UG/KG	350 U UG/KG	390 U UG/KG	340 U UG/KG	340 U UG/KG	770 U UG/KG
2,4,6-TRICHLOROPHENOL	350 U UG/KG	350 U UG/KG	350 U UG/KG	390 U UG/KG	340 U UG/KG	340 U UG/KG	770 U UG/KG
2,4-DICHLOROPHENOL	350 U UG/KG	350 U UG/KG	350 U UG/KG	390 U UG/KG	340 U UG/KG	340 U UG/KG	770 U UG/KG
2,4-DIMETHYLPHENOL	880 U UG/KG	880 U UG/KG	860 U UG/KG	970 U UG/KG	840 U UG/KG	850 U UG/KG	1900 U UG/KG
2,4-DINITROPHENOL	880 U UG/KG	880 U UG/KG	860 U UG/KG	970 U UG/KG	840 U UG/KG	850 U UG/KG	1900 U UG/KG
2,4-DINITROTOLUENE	350 U UG/KG	350 U UG/KG	350 U UG/KG	390 U UG/KG	340 U UG/KG	340 U UG/KG	770 U UG/KG
2,6-DINITROTOLUENE	350 U UG/KG	350 U UG/KG	350 U UG/KG	390 U UG/KG	340 U UG/KG	340 U UG/KG	770 U UG/KG
2-CHLORONAPHTHALENE	350 U UG/KG	350 U UG/KG	350 U UG/KG	390 U UG/KG	340 U UG/KG	340 U UG/KG	770 U UG/KG
2-CHLOROPHENOL	350 U UG/KG	350 U UG/KG	350 U UG/KG	390 U UG/KG	340 U UG/KG	340 U UG/KG	770 U UG/KG
2-METHYLNAPHTHALENE	350 U UG/KG	350 U UG/KG	350 U UG/KG	390 U UG/KG	340 U UG/KG	340 U UG/KG	770 U UG/KG
2-METHYLPHENOL	350 U UG/KG	350 U UG/KG	350 U UG/KG	390 U UG/KG	340 U UG/KG	340 U UG/KG	770 U UG/KG
2-NITROANILINE	350 U UG/KG	350 U UG/KG	350 U UG/KG	390 U UG/KG	340 U UG/KG	340 U UG/KG	770 U UG/KG
2-NITROPHENOL	350 U UG/KG	350 U UG/KG	350 U UG/KG	390 U UG/KG	340 U UG/KG	340 U UG/KG	770 U UG/KG
3&4-METHYLPHENOL	350 U UG/KG	350 U UG/KG	350 U UG/KG	390 U UG/KG	340 U UG/KG	340 U UG/KG	770 U UG/KG
3,3'-DICHLOROBENZIDINE	880 U UG/KG	880 U UG/KG	860 U UG/KG	970 U UG/KG	840 U UG/KG	850 U UG/KG	1900 U UG/KG
3-NITROANILINE	350 U UG/KG	350 U UG/KG	350 U UG/KG	390 U UG/KG	340 U UG/KG	340 U UG/KG	770 U UG/KG
4,6-DINITRO-2-METHYLPHENOL	350 U UG/KG	350 U UG/KG	350 U UG/KG	390 U UG/KG	340 U UG/KG	340 U UG/KG	770 U UG/KG
4-BROMOPHENYL PHENYL ETHER	350 U UG/KG	350 U UG/KG	350 U UG/KG	390 U UG/KG	340 U UG/KG	340 U UG/KG	770 U UG/KG
4-CHLORO-3-METHYLPHENOL	880 U UG/KG	880 U UG/KG	860 U UG/KG	970 U UG/KG	840 U UG/KG	850 U UG/KG	1900 U UG/KG
4-CHLOROANILINE	350 U UG/KG	350 U UG/KG	350 U UG/KG	390 U UG/KG	340 U UG/KG	340 U UG/KG	770 U UG/KG
4-CHLOROPHENYL PHENYL ETHER	350 U UG/KG	350 U UG/KG	350 U UG/KG	390 U UG/KG	340 U UG/KG	340 U UG/KG	770 U UG/KG
4-NITROANILINE	350 U UG/KG	350 U UG/KG	350 U UG/KG	390 U UG/KG	340 U UG/KG	340 U UG/KG	770 U UG/KG
4-NITROPHENOL	880 U UG/KG	880 U UG/KG	860 U UG/KG	970 U UG/KG	840 U UG/KG	850 U UG/KG	1900 U UG/KG
ACENAPHTHENE	350 U UG/KG	350 U UG/KG	350 U UG/KG	390 U UG/KG	340 U UG/KG	340 U UG/KG	770 U UG/KG
ACENAPHTHYLENE	350 U UG/KG	350 U UG/KG	350 U UG/KG	390 U UG/KG	340 U UG/KG	340 U UG/KG	770 U UG/KG
ANTHRACENE	350 U UG/KG	350 U UG/KG	350 U UG/KG	390 U UG/KG	340 U UG/KG	340 U UG/KG	770 U UG/KG
BENZO(A)ANTHRACENE	350 U UG/KG	350 U UG/KG	350 U UG/KG	390 U UG/KG	340 U UG/KG	340 U UG/KG	770 U UG/KG
BENZO(A)PYRENE	96 U UG/KG	88 U UG/KG	86 U UG/KG	97 U UG/KG	84 U UG/KG	85 U UG/KG	190 U UG/KG
BENZO(B)FLUORANTHENE	350 U UG/KG	350 U UG/KG	350 U UG/KG	390 U UG/KG	340 U UG/KG	340 U UG/KG	770 U UG/KG
BENZO(G,H,I)PERYLENE	350 U UG/KG	350 U UG/KG	350 U UG/KG	390 U UG/KG	340 U UG/KG	340 U UG/KG	770 U UG/KG
BENZO(K)FLUORANTHENE	350 U UG/KG	350 U UG/KG	350 U UG/KG	390 U UG/KG	340 U UG/KG	340 U UG/KG	770 U UG/KG
BIS(2-CHLOROETHOXY)METHANE	350 U UG/KG	350 U UG/KG	350 U UG/KG	390 U UG/KG	340 U UG/KG	340 U UG/KG	770 U UG/KG

SAMPLE NUMBER	NTCSSH4500-D	NTCSSH4600	NTCSSH4700	NTCSSH4800	NTCSSH4900	NTCSSH4900-D	NTCSSS0100
LAB ID NUMBER	F2392-14	F2392-10	F2392-11	F2392-12	F2392-13	F2392-15	F2392-1
SAMPLE DATE	5/13/98	5/13/98	5/13/98	5/13/98	5/13/98	5/13/98	5/12/98
PARAMETER	RESULTS	RESULTS	RESULTS	RESULTS	RESULTS	RESULTS	RESULTS
BIS(2-CHLOROETHYL)ETHER	350 U UG/KG	350 U UG/KG	350 U UG/KG	390 U UG/KG	340 U UG/KG	340 U UG/KG	770 U UG/KG
BIS(2-CHLOROISOPROPYL) ETHER	350 U UG/KG	350 U UG/KG	350 U UG/KG	390 U UG/KG	340 U UG/KG	340 U UG/KG	770 U UG/KG
BIS(2-ETHYLHEXYL)PHTHALATE	350 U UG/KG	350 U UG/KG	350 U UG/KG	390 U UG/KG	340 U UG/KG	340 U UG/KG	770 U UG/KG
BUTYLBENZYL PHTHALATE	350 U UG/KG	350 U UG/KG	350 U UG/KG	390 U UG/KG	340 U UG/KG	340 U UG/KG	770 U UG/KG
CARBAZOLE	350 U UG/KG	350 U UG/KG	350 U UG/KG	390 U UG/KG	340 U UG/KG	340 U UG/KG	770 U UG/KG
CHRYSENE	350 U UG/KG	350 U UG/KG	350 U UG/KG	390 U UG/KG	340 U UG/KG	340 U UG/KG	770 U UG/KG
DI-N-BUTYL PHTHALATE	350 U UG/KG	350 U UG/KG	350 U UG/KG	390 U UG/KG	340 U UG/KG	340 U UG/KG	770 U UG/KG
DI-N-OCTYL PHTHALATE	350 U UG/KG	350 U UG/KG	350 U UG/KG	390 U UG/KG	340 U UG/KG	340 U UG/KG	770 U UG/KG
DIBENZO(A,H)ANTHRACENE	96 U UG/KG	88 U UG/KG	86 U UG/KG	97 U UG/KG	84 U UG/KG	85 U UG/KG	190 U UG/KG
DIBENZOFURAN	350 U UG/KG	350 U UG/KG	350 U UG/KG	390 U UG/KG	340 U UG/KG	340 U UG/KG	770 U UG/KG
DIETHYL PHTHALATE	350 U UG/KG	350 U UG/KG	350 U UG/KG	390 U UG/KG	340 U UG/KG	340 U UG/KG	770 U UG/KG
DIMETHYL PHTHALATE	350 U UG/KG	350 U UG/KG	350 U UG/KG	390 U UG/KG	340 U UG/KG	340 U UG/KG	770 U UG/KG
FLUORANTHENE	350 U UG/KG	350 U UG/KG	350 U UG/KG	390 U UG/KG	340 U UG/KG	340 U UG/KG	191 J UG/KG
FLUORENE	350 U UG/KG	350 U UG/KG	350 U UG/KG	390 U UG/KG	340 U UG/KG	340 U UG/KG	770 U UG/KG
HEXACHLOROBENZENE	350 U UG/KG	350 U UG/KG	350 U UG/KG	390 U UG/KG	340 U UG/KG	340 U UG/KG	770 U UG/KG
HEXACHLOROBUTADIENE	350 U UG/KG	350 U UG/KG	350 U UG/KG	390 U UG/KG	340 U UG/KG	340 U UG/KG	770 U UG/KG
HEXACHLOROCYCLOPENTADIENE	350 U UG/KG	350 U UG/KG	350 U UG/KG	390 U UG/KG	340 U UG/KG	340 U UG/KG	770 U UG/KG
HEXACHLOROETHANE	350 U UG/KG	350 U UG/KG	350 U UG/KG	390 U UG/KG	340 U UG/KG	340 U UG/KG	770 U UG/KG
INDENO(1,2,3-CD)PYRENE	350 U UG/KG	350 U UG/KG	350 U UG/KG	390 U UG/KG	340 U UG/KG	340 U UG/KG	770 U UG/KG
ISOPHORONE	350 U UG/KG	350 U UG/KG	350 U UG/KG	390 U UG/KG	340 U UG/KG	340 U UG/KG	770 U UG/KG
N-NITROSO-DI-N-PROPYLAMINE	19 U UG/KG	18 U UG/KG	17 U UG/KG	19 U UG/KG	17 U UG/KG	17 U UG/KG	38 U UG/KG
N-NITROSODIPHENYLAMINE	350 U UG/KG	350 U UG/KG	350 U UG/KG	390 U UG/KG	340 U UG/KG	340 U UG/KG	770 U UG/KG
NAPHTHALENE	350 U UG/KG	350 U UG/KG	350 U UG/KG	390 U UG/KG	340 U UG/KG	340 U UG/KG	770 U UG/KG
NITROBENZENE	350 U UG/KG	350 U UG/KG	350 U UG/KG	390 U UG/KG	340 U UG/KG	340 U UG/KG	770 U UG/KG
PHENANTHRENE	350 U UG/KG	350 U UG/KG	350 U UG/KG	390 U UG/KG	340 U UG/KG	340 U UG/KG	770 U UG/KG
PHENOL	350 U UG/KG	350 U UG/KG	350 U UG/KG	390 U UG/KG	340 U UG/KG	340 U UG/KG	770 U UG/KG
PYRENE	350 U UG/KG	350 U UG/KG	350 U UG/KG	390 U UG/KG	340 U UG/KG	340 U UG/KG	145 J UG/KG
HERBICIDES							
2,4,5-T	1.4 U UG/KG	1.4 U UG/KG	1.4 U UG/KG	1.5 U UG/KG	1.3 U UG/KG	1.3 U UG/KG	1.5 U UG/KG
2,4,5-TP (SILVEX)	1.6 U UG/KG	1.6 U UG/KG	1.6 U UG/KG	1.7 U UG/KG	1.5 U UG/KG	1.5 U UG/KG	1.7 U UG/KG
2,4-D	7.4 U UG/KG	7.4 U UG/KG	7.4 U UG/KG	8 U UG/KG	7 U UG/KG	7 U UG/KG	8 U UG/KG
2,4-DB	4.2 U UG/KG	4.2 U UG/KG	4.2 U UG/KG	4.6 U UG/KG	4 U UG/KG	4 U UG/KG	4.6 U UG/KG
DALAPON	8.4 U UG/KG	8.4 U UG/KG	8.4 U UG/KG	9.2 U UG/KG	8 U UG/KG	8 U UG/KG	9.2 U UG/KG
DICAMBA	4.2 U UG/KG	4.2 U UG/KG	4.2 U UG/KG	4.6 U UG/KG	4 U UG/KG	4 U UG/KG	4.6 U UG/KG
DICHLOROPROP	21 U UG/KG	21 U UG/KG	21 U UG/KG	23 U UG/KG	20 U UG/KG	20 U UG/KG	23 U UG/KG
DINOSEB	4.2 U UG/KG	4.2 U UG/KG	4.2 U UG/KG	4.6 U UG/KG	4 U UG/KG	4 U UG/KG	4.6 U UG/KG

SAMPLE NUMBER	NTCSSH4500-D	NTCSSH4600	NTCSSH4700	NTCSSH4800	NTCSSH4900	NTCSSH4900-D	NTCSSS0100
LAB ID NUMBER	F2392-14	F2392-10	F2392-11	F2392-12	F2392-13	F2392-15	F2392-1
SAMPLE DATE	5/13/98	5/13/98	5/13/98	5/13/98	5/13/98	5/13/98	5/12/98
PARAMETER	RESULTS	RESULTS	RESULTS	RESULTS	RESULTS	RESULTS	RESULTS
MCPA	2100 U UG/KG	2100 U UG/KG	2100 U UG/KG	2300 U UG/KG	2000 U UG/KG	2000 U UG/KG	2300 U UG/KG
MCPP	1000 U UG/KG	1000 U UG/KG	1000 U UG/KG	1200 U UG/KG	1000 U UG/KG	1000 U UG/KG	1200 U UG/KG
PENTACHLOROPHENOL	2.1 U UG/KG	2.1 U UG/KG	2.1 U UG/KG	2.3 U UG/KG	2 U UG/KG	2 U UG/KG	4.7 UG/KG
PESTICIDES/PCBS							
4,4'-DDD	7.0 U UG/KG	3.5 U UG/KG	3.4 U UG/KG	3.9 U UG/KG	3.4 U UG/KG	3.4 U UG/KG	3.8 U UG/KG
4,4'-DDE	7.0 U UG/KG	3.5 U UG/KG	3.4 U UG/KG	3.9 U UG/KG	3.4 U UG/KG	3.4 U UG/KG	3.8 U UG/KG
4,4'-DDT	7.0 U UG/KG	3.5 U UG/KG	3.4 U UG/KG	3.9 U UG/KG	3.4 U UG/KG	3.4 U UG/KG	3.8 U UG/KG
ALDRIN	3.5 U UG/KG	1.8 U UG/KG	1.7 U UG/KG	1.9 U UG/KG	1.7 U UG/KG	1.7 U UG/KG	1.9 U UG/KG
ALPHA-BHC	3.5 U UG/KG	1.8 U UG/KG	1.7 U UG/KG	1.9 U UG/KG	1.7 U UG/KG	1.7 U UG/KG	1.9 U UG/KG
ALPHA-CHLORDANE	7.0 U UG/KG	3.5 U UG/KG	3.4 U UG/KG	3.9 U UG/KG	3.4 U UG/KG	3.4 U UG/KG	3.8 U UG/KG
AROCLOR-1016	70 U UG/KG	35 U UG/KG	34 U UG/KG	38 U UG/KG	33 U UG/KG	34 U UG/KG	76 U UG/KG
AROCLOR-1221	70 U UG/KG	35 U UG/KG	34 U UG/KG	38 U UG/KG	33 U UG/KG	34 U UG/KG	76 U UG/KG
AROCLOR-1232	70 U UG/KG	35 U UG/KG	34 U UG/KG	38 U UG/KG	33 U UG/KG	34 U UG/KG	76 U UG/KG
AROCLOR-1242	70 U UG/KG	35 U UG/KG	34 U UG/KG	38 U UG/KG	33 U UG/KG	34 U UG/KG	76 U UG/KG
AROCLOR-1248	70 U UG/KG	35 U UG/KG	34 U UG/KG	38 U UG/KG	33 U UG/KG	34 U UG/KG	76 U UG/KG
AROCLOR-1254	70 U UG/KG	35 U UG/KG	34 U UG/KG	38 U UG/KG	33 U UG/KG	34 U UG/KG	76 U UG/KG
AROCLOR-1260	70 U UG/KG	35 U UG/KG	34 U UG/KG	38 U UG/KG	33 U UG/KG	34 U UG/KG	76 U UG/KG
BETA-BHC	3.5 U UG/KG	1.8 U UG/KG	1.7 U UG/KG	1.9 U UG/KG	1.7 U UG/KG	1.7 U UG/KG	1.9 U UG/KG
DELTA-BHC	3.5 U UG/KG	1.8 U UG/KG	1.7 U UG/KG	1.9 U UG/KG	1.7 U UG/KG	1.7 U UG/KG	1.9 U UG/KG
DIELDRIN	7.0 U UG/KG	3.5 U UG/KG	3.4 U UG/KG	3.9 U UG/KG	3.4 U UG/KG	3.4 U UG/KG	3.8 U UG/KG
ENDOSULFAN I	3.5 U UG/KG	1.8 U UG/KG	1.7 U UG/KG	1.9 U UG/KG	1.7 U UG/KG	1.7 U UG/KG	1.9 U UG/KG
ENDOSULFAN II	7.0 U UG/KG	3.5 U UG/KG	3.4 U UG/KG	3.9 U UG/KG	3.4 U UG/KG	3.4 U UG/KG	3.8 U UG/KG
ENDOSULFAN SULFATE	7.0 U UG/KG	3.5 U UG/KG	3.4 U UG/KG	3.9 U UG/KG	3.4 U UG/KG	3.4 U UG/KG	3.8 U UG/KG
ENDRIN	7.0 U UG/KG	3.5 U UG/KG	3.4 U UG/KG	3.9 U UG/KG	3.4 U UG/KG	3.4 U UG/KG	3.8 U UG/KG
ENDRIN ALDEHYDE	7.0 U UG/KG	3.5 U UG/KG	3.4 U UG/KG	3.9 U UG/KG	3.4 U UG/KG	3.4 U UG/KG	3.8 U UG/KG
ENDRIN KETONE	7.0 U UG/KG	3.5 U UG/KG	3.4 U UG/KG	3.9 U UG/KG	3.4 U UG/KG	3.4 U UG/KG	3.8 U UG/KG
GAMMA-BHC (LINDANE)	3.5 U UG/KG	1.8 U UG/KG	1.7 U UG/KG	1.9 U UG/KG	1.7 U UG/KG	1.7 U UG/KG	1.9 U UG/KG
GAMMA-CHLORDANE	7.0 U UG/KG	3.5 U UG/KG	3.4 U UG/KG	3.9 U UG/KG	3.4 U UG/KG	3.4 U UG/KG	3.8 U UG/KG
HEPTACHLOR	3.5 U UG/KG	1.8 U UG/KG	1.7 U UG/KG	1.9 U UG/KG	1.7 U UG/KG	1.7 U UG/KG	1.9 U UG/KG
HEPTACHLOR EPOXIDE	3.5 U UG/KG	1.8 U UG/KG	1.7 U UG/KG	1.9 U UG/KG	1.7 U UG/KG	1.7 U UG/KG	1.9 U UG/KG
METHOXYCHLOR	35 U UG/KG	18 U UG/KG	17 U UG/KG	19 U UG/KG	17 U UG/KG	17 U UG/KG	19 U UG/KG
TOXAPHENE	350 U UG/KG	180 U UG/KG	170 U UG/KG	190 U UG/KG	170 U UG/KG	170 U UG/KG	190 U UG/KG
PETROLEUM HYDROCARBONS							
TPH (C8-C40)	63.4 MG/KG	50.7 MG/KG	25.2 MG/KG	41.5 MG/KG	30.4 MG/KG	37 MG/KG	65.3 MG/KG
MISC							
CATION EXCHANGE CAPACITY	9480 MG/KG				4800 MG/KG	10100 MG/KG	

SAMPLE NUMBER	NTCSSH4500-D	NTCSSH4600	NTCSSH4700	NTCSSH4800	NTCSSH4900	NTCSSH4900-D	NTCSSS0100
LAB ID NUMBER	F2392-14	F2392-10	F2392-11	F2392-12	F2392-13	F2392-15	F2392-1
SAMPLE DATE	5/13/98	5/13/98	5/13/98	5/13/98	5/13/98	5/13/98	5/12/98
PARAMETER	RESULTS	RESULTS	RESULTS	RESULTS	RESULTS	RESULTS	RESULTS
CYANIDE	1.0 U MG/KG	1.0 U MG/KG	1.0 U MG/KG	1.2 U MG/KG	1.0 U MG/KG	1.0 U MG/KG	1.2 UJ MG/KG
TOTAL ORGANIC CARBON	25900 MG/KG				12500 MG/KG	11800 MG/KG	
METALS							
ALUMINUM	560 MG/KG	589 MG/KG	832 MG/KG	1810 MG/KG	517 MG/KG	444 MG/KG	2500 MG/KG
ANTIMONY	0.34 U MG/KG	0.34 U MG/KG	0.33 U MG/KG	0.37 U MG/KG	0.32 U MG/KG	0.33 U MG/KG	0.40 MG/KG
ARSENIC	0.25 U MG/KG	0.25 U MG/KG	0.25 U MG/KG	0.35 MG/KG	0.24 U MG/KG	0.24 U MG/KG	0.54 MG/KG
BARIUM	3.8 MG/KG	8.0 MG/KG	3.4 MG/KG	5.0 MG/KG	3.0 MG/KG	3.3 MG/KG	26.7 MG/KG
BERYLLIUM	0.20 U MG/KG	0.14 U MG/KG	0.20 U MG/KG	0.26 U MG/KG	0.20 U MG/KG	0.20 U MG/KG	0.26 U MG/KG
CADMIUM	0.07 U MG/KG	3.5 U MG/KG	0.30 U MG/KG	0.11 U MG/KG	0.11 U MG/KG	0.08 U MG/KG	0.22 U MG/KG
CALCIUM	322 J MG/KG	334 J MG/KG	286 J MG/KG	338 J MG/KG	252 J MG/KG	247 J MG/KG	2190 J MG/KG
CHROMIUM	0.71 U MG/KG	0.82 U MG/KG	1.1 U MG/KG	2.0 U MG/KG	0.86 U MG/KG	0.89 U MG/KG	4.1 MG/KG
COBALT	0.15 U MG/KG	0.15 MG/KG	0.14 U MG/KG	0.25 MG/KG	0.14 U MG/KG	0.14 U MG/KG	0.22 MG/KG
COPPER	1.0 MG/KG	4.6 MG/KG	0.57 MG/KG	0.90 MG/KG	0.72 MG/KG	0.62 MG/KG	5.1 MG/KG
IRON	193 MG/KG	132 MG/KG	252 MG/KG	395 MG/KG	228 MG/KG	196 MG/KG	936 MG/KG
LEAD	4.0 MG/KG	5.0 MG/KG	3.4 MG/KG	5.0 MG/KG	2.5 MG/KG	2.2 MG/KG	12.5 MG/KG
MAGNESIUM	50.2 MG/KG	68.4 MG/KG	59.0 MG/KG	82.6 MG/KG	53.3 MG/KG	47.3 MG/KG	212 MG/KG
MANGANESE	0.05 U MG/KG	0.74 U MG/KG	0.71 U MG/KG	1.1 U MG/KG	0.66 U MG/KG	0.48 U MG/KG	11.9 MG/KG
MERCURY	0.04 U MG/KG	0.04 U MG/KG	0.04 U MG/KG	0.05 U MG/KG	0.04 U MG/KG	0.04 U MG/KG	0.05 U MG/KG
NICKEL	0.74 U MG/KG	2.4 U MG/KG	1.3 U MG/KG	1.6 U MG/KG	0.77 U MG/KG	0.67 U MG/KG	1.2 U MG/KG
POTASSIUM	21.9 U MG/KG	39.8 U MG/KG	19.3 U MG/KG	24.9 U MG/KG	17.9 U MG/KG	15.2 U MG/KG	93.4 MG/KG
SELENIUM	0.31 U MG/KG	0.31 U MG/KG	0.30 MG/KG	0.54 MG/KG	0.29 U MG/KG	0.30 U MG/KG	0.56 MG/KG
SILVER	0.13 U MG/KG	0.13 U MG/KG	0.12 U MG/KG	0.14 U MG/KG	0.12 U MG/KG	0.12 U MG/KG	0.14 U MG/KG
SODIUM	170 U MG/KG	170 U MG/KG	170 U MG/KG	190 U MG/KG	160 U MG/KG	160 U MG/KG	180 U MG/KG
THALLIUM	0.28 U MG/KG	0.28 U MG/KG	0.27 U MG/KG	0.30 U MG/KG	0.26 U MG/KG	0.26 U MG/KG	0.30 U MG/KG
VANADIUM	0.85 MG/KG	0.64 MG/KG	0.63 MG/KG	1.6 MG/KG	0.60 MG/KG	0.53 MG/KG	0.17 U MG/KG
ZINC	3.9 MG/KG	4.6 MG/KG	2.9 MG/KG	3.9 MG/KG	3.3 MG/KG	3.5 MG/KG	33.8 MG/KG
RADIOLOGICAL							
ACTINIUM-228			0.8+/-0.3 pCi/g				0.7+/-0.2 pCi/g
BISMUTH-214	0.5+/-0.2 pCi/g				1.2+/-0.3 pCi/g		
CESIUM-137			REJECTED BY LAB AFTER RE-EVALUATION	~~0.1+/-0.1 pCi/g~~			
GROSS ALPHA	7.5+/-2.1 pCi/g	1.6+/-2.2 U pCi/g	0.0+/-2.3 U pCi/g	8.3+/-2.3 pCi/g	3.8+/-2.2 pCi/g	5.1+/-2.1 pCi/g	5.5+/-2.2 pCi/g
GROSS BETA	0.0+/-1.7 U pCi/g	7.0+/-1.7 pCi/g	28.0+/-2.3 pCi/g	6.4+/-1.9 pCi/g	15.3+/-2.0 pCi/g	0.4+/-1.6 U pCi/g	1.3+/-1.8 U pCi/g
LEAD-210							
LEAD-212	0.2+/-0.1 pCi/g	0.2+/-0.1 pCi/g	0.2+/-0.1 pCi/g	0.3+/-0.1 pCi/g		0.2+/-0.1 pCi/g	0.4+/-0.1 pCi/g
LEAD-214		0.6+/-0.1 pCi/g	0.5+/-0.1 pCi/g	1.1+/-0.3 pCi/g	1.4+/-0.3 pCi/g	0.6+/-0.1 pCi/g	
THALLIUM-208	0.1+/-0.1 pCi/g					0.2+/-0.1 pCi/g	0.4+/-0.2 pCi/g

SAMPLE NUMBER	NTCSSS0200	NTCSSS0300	NTCSSS0400
LAB ID NUMBER	F2392-2	F2392-3	F2392-4
SAMPLE DATE	5/12/98	5/12/98	5/12/98
PARAMETER	RESULTS	RESULTS	RESULTS
VOLATILES			
1,1,1-TRICHLOROETHANE	1.1 UJ UG/KG	1.2 UJ UG/KG	1.1 UJ UG/KG
1,1,2,2-TETRACHLOROETHANE	0.79 UJ UG/KG	0.86 UJ UG/KG	0.8 UJ UG/KG
1,1,2-TRICHLOROETHANE	0.89 UJ UG/KG	0.97 UJ UG/KG	0.9 UJ UG/KG
1,1-DICHLOROETHANE	1.1 UJ UG/KG	1.2 UJ UG/KG	1.1 UJ UG/KG
1,1-DICHLOROETHENE	1.1 UJ UG/KG	1.2 UJ UG/KG	1.1 UJ UG/KG
1,2-DICHLOROETHANE	0.72 UJ UG/KG	0.79 UJ UG/KG	0.73 UJ UG/KG
1,2-DICHLOROPROPANE	1.3 UJ UG/KG	1.4 UJ UG/KG	1.4 UJ UG/KG
2-BUTANONE	5.6 UJ UG/KG	6 UJ UG/KG	5.6 UJ UG/KG
2-HEXANONE	1.4 UJ UG/KG	1.6 UJ UG/KG	1.5 UJ UG/KG
4-METHYL-2-PENTANONE	5.9 UJ UG/KG	6.4 UJ UG/KG	6 UJ UG/KG
ACETONE	5.6 UJ UG/KG	6 UJ UG/KG	5.6 UJ UG/KG
BENZENE	1.1 UJ UG/KG	1.2 UJ UG/KG	1.1 UJ UG/KG
BROMODICHLOROMETHANE	0.84 UJ UG/KG	0.92 UJ UG/KG	0.86 UJ UG/KG
BROMOFORM	0.6 UJ UG/KG	0.65 UJ UG/KG	0.61 UJ UG/KG
BROMOMETHANE	1.3 UJ UG/KG	1.4 UJ UG/KG	1.4 UJ UG/KG
CARBON DISULFIDE	1.2 UJ UG/KG	1.3 UJ UG/KG	1.2 UJ UG/KG
CARBON TETRACHLORIDE	2.3 UJ UG/KG	2.5 UJ UG/KG	2.4 UJ UG/KG
CHLOROBENZENE	1.2 UJ UG/KG	1.3 UJ UG/KG	1.2 UJ UG/KG
CHLOROETHANE	1.2 UJ UG/KG	1.3 UJ UG/KG	1.2 UJ UG/KG
CHLOROFORM	0.81 UJ UG/KG	0.88 UJ UG/KG	0.82 UJ UG/KG
CHLOROMETHANE	1.4 UJ UG/KG	1.6 UJ UG/KG	1.5 UJ UG/KG
CIS-1,2-DICHLOROETHENE	0.93 UJ UG/KG	1 UJ UG/KG	0.95 UJ UG/KG
CIS-1,3-DICHLOROPROPENE	1.1 UJ UG/KG	1.2 UJ UG/KG	1.1 UJ UG/KG
DIBROMOCHLOROMETHANE	0.82 UJ UG/KG	0.9 UJ UG/KG	0.84 UJ UG/KG
ETHYLBENZENE	1.2 UJ UG/KG	1.3 UJ UG/KG	1.2 UJ UG/KG
METHYLENE CHLORIDE	0.48 UJ UG/KG	0.52 UJ UG/KG	0.48 UJ UG/KG
STYRENE	0.94 UJ UG/KG	1 UJ UG/KG	0.96 UJ UG/KG
TETRACHLOROETHENE	1 UJ UG/KG	1.1 UJ UG/KG	1 UJ UG/KG
TOLUENE	0.99 UJ UG/KG	1.1 UJ UG/KG	1 UJ UG/KG
TRANS-1,2-DICHLOROETHENE	1.3 UJ UG/KG	1.4 UJ UG/KG	1.4 UJ UG/KG
TRANS-1,3-DICHLOROPROPENE	1.2 UJ UG/KG	1.3 UJ UG/KG	1.2 UJ UG/KG
TRICHLOROETHENE	1.6 UJ UG/KG	1.7 UJ UG/KG	1.6 UJ UG/KG
VINYL CHLORIDE	1.1 UJ UG/KG	1.2 UJ UG/KG	1.1 UJ UG/KG
XYLENES, TOTAL	1.1 UJ UG/KG	1.2 UJ UG/KG	1.1 UJ UG/KG
SEMIVOLATILES			

SAMPLE NUMBER	NTCSSS0200	NTCSSS0300	NTCSSS0400
LAB ID NUMBER	F2392-2	F2392-3	F2392-4
SAMPLE DATE	5/12/98	5/12/98	5/12/98
PARAMETER	RESULTS	RESULTS	RESULTS
1,2,4-TRICHLOROBENZENE	740 U UG/KG	810 U UG/KG	6000 U UG/KG
1,2-DICHLOROBENZENE	740 U UG/KG	810 U UG/KG	6000 U UG/KG
1,3-DICHLOROBENZENE	740 U UG/KG	810 U UG/KG	6000 U UG/KG
1,4-DICHLOROBENZENE	740 U UG/KG	810 U UG/KG	6000 U UG/KG
2,4,5-TRICHLOROPHENOL	740 U UG/KG	810 U UG/KG	6000 U UG/KG
2,4,6-TRICHLOROPHENOL	740 U UG/KG	810 U UG/KG	6000 U UG/KG
2,4-DICHLOROPHENOL	740 U UG/KG	810 U UG/KG	6000 U UG/KG
2,4-DIMETHYLPHENOL	1800 U UG/KG	2000 U UG/KG	15000 U UG/KG
2,4-DINITROPHENOL	1800 U UG/KG	2000 U UG/KG	15000 U UG/KG
2,4-DINITROTOLUENE	740 U UG/KG	810 U UG/KG	6000 U UG/KG
2,6-DINITROTOLUENE	740 U UG/KG	810 U UG/KG	6000 U UG/KG
2-CHLORONAPHTHALENE	740 U UG/KG	810 U UG/KG	6000 U UG/KG
2-CHLOROPHENOL	740 U UG/KG	810 U UG/KG	6000 U UG/KG
2-METHYLNAPHTHALENE	740 U UG/KG	810 U UG/KG	6000 U UG/KG
2-METHYLPHENOL	740 U UG/KG	810 U UG/KG	6000 U UG/KG
2-NITROANILINE	740 U UG/KG	810 U UG/KG	6000 U UG/KG
2-NITROPHENOL	740 U UG/KG	810 U UG/KG	6000 U UG/KG
3&4-METHYLPHENOL	740 U UG/KG	810 U UG/KG	6000 U UG/KG
3,3'-DICHLOROBENZIDINE	1800 U UG/KG	2000 U UG/KG	15000 U UG/KG
3-NITROANILINE	740 U UG/KG	810 U UG/KG	6000 U UG/KG
4,6-DINITRO-2-METHYLPHENOL	740 U UG/KG	810 U UG/KG	6000 U UG/KG
4-BROMOPHENYL PHENYL ETHER	740 U UG/KG	810 U UG/KG	6000 U UG/KG
4-CHLORO-3-METHYLPHENOL	1800 U UG/KG	2000 U UG/KG	15000 U UG/KG
4-CHLOROANILINE	740 U UG/KG	810 U UG/KG	6000 U UG/KG
4-CHLOROPHENYL PHENYL ETHER	740 U UG/KG	810 U UG/KG	6000 U UG/KG
4-NITROANILINE	740 U UG/KG	810 U UG/KG	6000 U UG/KG
4-NITROPHENOL	1800 U UG/KG	2000 U UG/KG	15000 U UG/KG
ACENAPHTHENE	740 U UG/KG	810 U UG/KG	1630 J UG/KG
ACENAPHTHYLENE	740 U UG/KG	810 U UG/KG	6000 U UG/KG
ANTHRACENE	740 U UG/KG	810 U UG/KG	2700 J UG/KG
BENZO(A)ANTHRACENE	1210 UG/KG	547 J UG/KG	7940 UG/KG
BENZO(A)PYRENE	1380 UG/KG	469 UG/KG	6320 UG/KG
BENZO(B)FLUORANTHENE	1110 UG/KG	403 J UG/KG	5470 J UG/KG
BENZO(G,H,I)PERYLENE	1350 UG/KG	891 UG/KG	9860 UG/KG
BENZO(K)FLUORANTHENE	950 UG/KG	272 J UG/KG	4190 J UG/KG
BIS(2-CHLOROETHOXY)METHANE	740 U UG/KG	810 U UG/KG	6000 U UG/KG

SAMPLE NUMBER	NTCSSS0200	NTCSSS0300	NTCSSS0400
LAB ID NUMBER	F2392-2	F2392-3	F2392-4
SAMPLE DATE	5/12/98	5/12/98	5/12/98
PARAMETER	RESULTS	RESULTS	RESULTS
BIS(2-CHLOROETHYL)ETHER	740 U UG/KG	810 U UG/KG	6000 U UG/KG
BIS(2-CHLOROISOPROPYL) ETHER	740 U UG/KG	810 U UG/KG	6000 U UG/KG
BIS(2-ETHYLHEXYL)PHTHALATE	740 U UG/KG	810 U UG/KG	6000 U UG/KG
BUTYLBENZYL PHTHALATE	740 U UG/KG	810 U UG/KG	6000 U UG/KG
CARBAZOLE	740 U UG/KG	810 U UG/KG	6000 U UG/KG
CHRYSENE	2500 UG/KG	509 J UG/KG	8510 UG/KG
DI-N-BUTYL PHTHALATE	740 U UG/KG	810 U UG/KG	6000 U UG/KG
DI-N-OCTYL PHTHALATE	740 U UG/KG	810 U UG/KG	6000 U UG/KG
DIBENZO(A,H)ANTHRACENE	461 UG/KG	172 UG/KG	1720 UG/KG
DIBENZOFURAN	740 U UG/KG	810 U UG/KG	6000 U UG/KG
DIETHYL PHTHALATE	740 U UG/KG	810 U UG/KG	6000 U UG/KG
DIMETHYL PHTHALATE	740 U UG/KG	810 U UG/KG	6000 U UG/KG
FLUORANTHENE	600 J UG/KG	1450 UG/KG	22400 UG/KG
FLUORENE	740 U UG/KG	810 U UG/KG	1370 J UG/KG
HEXACHLOROBENZENE	740 U UG/KG	810 U UG/KG	6000 U UG/KG
HEXACHLOROBUTADIENE	740 U UG/KG	810 U UG/KG	6000 U UG/KG
HEXACHLOROCYCLOPENTADIENE	740 U UG/KG	810 U UG/KG	6000 U UG/KG
HEXACHLOROETHANE	740 U UG/KG	810 U UG/KG	6000 U UG/KG
INDENO(1,2,3-CD)PYRENE	1210 UG/KG	846 UG/KG	8800 UG/KG
ISOPHORONE	740 U UG/KG	810 U UG/KG	6000 U UG/KG
N-NITROSO-DI-N-PROPYLAMINE	37 U UG/KG	20 U UG/KG	150 U UG/KG
N-NITROSODIPHENYLAMINE	740 U UG/KG	810 U UG/KG	6000 U UG/KG
NAPHTHALENE	740 U UG/KG	810 U UG/KG	6000 U UG/KG
NITROBENZENE	740 U UG/KG	810 U UG/KG	6000 U UG/KG
PHENANTHRENE	178 J UG/KG	711 J UG/KG	13600 UG/KG
PHENOL	740 U UG/KG	810 U UG/KG	6000 U UG/KG
PYRENE	528 J UG/KG	966 UG/KG	14500 UG/KG
HERBICIDES			
2,4,5-T	1.4 U UG/KG	1.6 U UG/KG	1.5 U UG/KG
2,4,5-TP (SILVEX)	1.7 U UG/KG	1.8 U UG/KG	1.7 U UG/KG
2,4-D	7.7 U UG/KG	8.4 U UG/KG	8 U UG/KG
2,4-DB	4.4 U UG/KG	4.8 U UG/KG	4.6 U UG/KG
DALAPON	8.8 U UG/KG	9.6 U UG/KG	9.2 U UG/KG
DICAMBA	4.4 U UG/KG	4.8 U UG/KG	4.6 U UG/KG
DICHLOROPROP	22 U UG/KG	24 U UG/KG	23 U UG/KG
DINOSEB	4.4 U UG/KG	4.8 U UG/KG	4.6 U UG/KG

SAMPLE NUMBER	NTCSSS0200	NTCSSS0300	NTCSSS0400
LAB ID NUMBER	F2392-2	F2392-3	F2392-4
SAMPLE DATE	5/12/98	5/12/98	5/12/98
PARAMETER	RESULTS	RESULTS	RESULTS
MCPA	2200 U UG/KG	2400 U UG/KG	2300 U UG/KG
MCPP	1100 U UG/KG	1200 U UG/KG	1200 U UG/KG
PENTACHLOROPHENOL	2.2 U UG/KG	2.4 U UG/KG	109 UG/KG
PESTICIDES/PCBS			
4,4'-DDD	7.4 U UG/KG	20 U UG/KG	94 U UG/KG
4,4'-DDE	7.4 U UG/KG	20 U UG/KG	178 UG/KG
4,4'-DDT	7.4 U UG/KG	20 U UG/KG	274 UG/KG
ALDRIN	3.7 U UG/KG	13 UG/KG	47 U UG/KG
ALPHA-BHC	3.7 U UG/KG	10 U UG/KG	47 U UG/KG
ALPHA-CHLORDANE	7.4 U UG/KG	124 UG/KG	219 UG/KG
AROCLOR-1016	73 U UG/KG	400 U UG/KG	3700 U UG/KG
AROCLOR-1221	73 U UG/KG	400 U UG/KG	3700 U UG/KG
AROCLOR-1232	73 U UG/KG	400 U UG/KG	3700 U UG/KG
AROCLOR-1242	73 U UG/KG	400 U UG/KG	3700 U UG/KG
AROCLOR-1248	73 U UG/KG	400 U UG/KG	3700 U UG/KG
AROCLOR-1254	73 U UG/KG	400 U UG/KG	3700 U UG/KG
AROCLOR-1260	73 U UG/KG	400 U UG/KG	3700 U UG/KG
BETA-BHC	3.7 U UG/KG	10 U UG/KG	47 U UG/KG
DELTA-BHC	3.7 U UG/KG	10 UJ UG/KG	47 UJ UG/KG
DIELDRIN	7.4 U UG/KG	26 UG/KG	97 UG/KG
ENDOSULFAN I	3.7 U UG/KG	10 U UG/KG	47 U UG/KG
ENDOSULFAN II	7.4 U UG/KG	20 U UG/KG	94 U UG/KG
ENDOSULFAN SULFATE	7.4 U UG/KG	20 U UG/KG	94 U UG/KG
ENDRIN	7.4 U UG/KG	20 U UG/KG	94 U UG/KG
ENDRIN ALDEHYDE	7.4 U UG/KG	20 U UG/KG	94 U UG/KG
ENDRIN KETONE	7.4 U UG/KG	20 U UG/KG	94 U UG/KG
GAMMA-BHC (LINDANE)	3.7 U UG/KG	10 U UG/KG	47 U UG/KG
GAMMA-CHLORDANE	7.4 U UG/KG	111 UG/KG	243 UG/KG
HEPTACHLOR	3.7 U UG/KG	13 UG/KG	48 UG/KG
HEPTACHLOR EPOXIDE	3.7 U UG/KG	10 U UG/KG	47 U UG/KG
METHOXYCHLOR	37 U UG/KG	100 U UG/KG	470 U UG/KG
TOXAPHENE	370 U UG/KG	1000 U UG/KG	4700 U UG/KG
PETROLEUM HYDROCARBONS			
TPH (C8-C40)	52.7 MG/KG	855 MG/KG	896 MG/KG
MISC			
CATION EXCHANGE CAPACITY			

SAMPLE NUMBER	NTCSSS0200	NTCSSS0300	NTCSSS0400	
LAB ID NUMBER	F2392-2	F2392-3	F2392-4	
SAMPLE DATE	5/12/98	5/12/98	5/12/98	
PARAMETER	RESULTS	RESULTS	RESULTS	
CYANIDE	1.1 UJ MG/KG	1.2 UJ MG/KG	1.1 UJ MG/KG	
TOTAL ORGANIC CARBON				
METALS				
ALUMINUM	2820 MG/KG	2240 MG/KG	2210 MG/KG	
ANTIMONY	0.35 U MG/KG	0.39 U MG/KG	0.36 U MG/KG	
ARSENIC	0.74 MG/KG	0.53 MG/KG	1.1 MG/KG	
BARIUM	22.4 MG/KG	24.0 MG/KG	24.8 MG/KG	
BERYLLIUM	0.22 U MG/KG	0.22 U MG/KG	0.22 U MG/KG	
CADMIUM	2.5 U MG/KG	0.44 U MG/KG	0.52 U MG/KG	
CALCIUM	1410 J MG/KG	2500 J MG/KG	5760 J MG/KG	
CHROMIUM	4.5 MG/KG	3.5 U MG/KG	6.5 MG/KG	
COBALT	0.31 MG/KG	0.24 MG/KG	0.48 MG/KG	
COPPER	4.8 MG/KG	6.8 MG/KG	17.8 MG/KG	
IRON	485 MG/KG	599 MG/KG	1300 MG/KG	
LEAD	15.7 MG/KG	47.2 MG/KG	97.3 MG/KG	
MAGNESIUM	158 MG/KG	255 MG/KG	427 MG/KG	
MANGANESE	5.6 MG/KG	10.6 MG/KG	18.0 MG/KG	
MERCURY	0.05 U MG/KG	0.05 U MG/KG	0.05 U MG/KG	
NICKEL	2.6 U MG/KG	1.5 U MG/KG	2.6 U MG/KG	
POTASSIUM	129 MG/KG	93.9 MG/KG	162 MG/KG	
SELENIUM	0.37 MG/KG	0.66 MG/KG	0.33 U MG/KG	
SILVER	0.13 U MG/KG	0.14 U MG/KG	0.18 U MG/KG	
SODIUM	180 U MG/KG	190 U MG/KG	269 MG/KG	
THALLIUM	0.29 U MG/KG	0.31 U MG/KG	0.29 U MG/KG	
VANADIUM	2.2 MG/KG	0.18 MG/KG	3.0 MG/KG	
ZINC	16.4 MG/KG	59.7 MG/KG	106 MG/KG	
RADIOLOGICAL				
ACTINIUM-228	1.4+/-0.4 pCi/g		1.9+/-0.4 pCi/g	
BISMUTH-214	0.9+/-0.3 pCi/g		1.5+/-0.4 pCi/g	
CESIUM-137			~~0.2+/-0.1 pCi/g~~	REJECTED BY LAB AFTER RE-EVALUATION
GROSS ALPHA	0.0+/-2.2 U pCi/g	4.6+/-2.3 pCi/g	5.9+/-2.2 pCi/g	
GROSS BETA	6.3+/-2.0 pCi/g	2.8+/-1.7 pCi/g	3.5+/-1.7 pCi/g	
LEAD-210				
LEAD-212	0.3+/-0.1 pCi/g	0.4+/-0.1 pCi/g	0.4+/-0.1 pCi/g	
LEAD-214	1.3+/-0.3 pCi/g	0.9+/-0.2 pCi/g	1.3+/-0.3 pCi/g	
THALLIUM-208			0.3+/-0.1 pCi/g	

SAMPLE NUMBER	OU2MW01A00	OU2MW01A00-F	OU2MW01B00	OU2MW01B00-F	OU2MW02A00	OU2MW02A00-D
LAB ID NUMBER	F2646-17	F2646-17A	F2646-19	F2646-19A	F2742-7	F2742-9
DATE SAMPLED	7/19/98	7/19/98	7/20/98	7/20/98	8/2/98	8/2/98
PARAMETER	RESULTS	RESULTS	RESULTS	RESULTS	RESULTS	RESULTS
VOLATILES						
1,1,1-TRICHLOROETHANE	2 U UG/L		2 U UG/L		2 U UG/L	2 U UG/L
1,1,2,2-TETRACHLOROETHANE	1 U UG/L		1 U UG/L		1 U UG/L	1 U UG/L
1,1,2-TRICHLOROETHANE	2 U UG/L		2 U UG/L		2 U UG/L	2 U UG/L
1,1-DICHLOROETHANE	2 U UG/L		2 U UG/L		2 U UG/L	2 U UG/L
1,1-DICHLOROETHENE	2 U UG/L		2 U UG/L		2 U UG/L	2 U UG/L
1,2-DICHLOROETHANE	2 U UG/L		2 U UG/L		2 U UG/L	2 U UG/L
1,2-DICHLOROPROPANE	2 U UG/L		2 U UG/L		2 U UG/L	2 U UG/L
2-BUTANONE	10 UR UG/L		10 UR UG/L		10 UR UG/L	10 UR UG/L
2-HEXANONE	10 U UG/L		10 U UG/L		10 U UG/L	10 U UG/L
4-METHYL-2-PENTANONE	10 U UG/L		10 U UG/L		10 U UG/L	10 U UG/L
ACETONE	50 UR UG/L		50 UR UG/L		50 UR UG/L	50 UR UG/L
BENZENE	1 U UG/L		1 U UG/L		1 U UG/L	1 U UG/L
BROMODICHLOROMETHANE	1 U UG/L		1 U UG/L		1 U UG/L	1 U UG/L
BROMOFORM	2 U UG/L		2 U UG/L		2 U UG/L	2 U UG/L
BROMOMETHANE	5 U UG/L		5 U UG/L		5 U UG/L	5 U UG/L
CARBON DISULFIDE	10 U UG/L		10 U UG/L		10 U UG/L	10 U UG/L
CARBON TETRACHLORIDE	2 U UG/L		2 U UG/L		2 U UG/L	2 U UG/L
CHLOROBENZENE	2 U UG/L		2 U UG/L		2 U UG/L	2 U UG/L
CHLOROETHANE	2 U UG/L		2 U UG/L		2 U UG/L	2 U UG/L
CHLOROFORM	2 U UG/L		2 U UG/L		2 U UG/L	2 U UG/L
CHLOROMETHANE	2 U UG/L		2 U UG/L		2 U UG/L	2 U UG/L
CIS-1,2-DICHLOROETHENE	2 U UG/L		2 U UG/L		2 U UG/L	2 U UG/L
CIS-1,3-DICHLOROPROPENE	2 U UG/L		2 U UG/L		2 U UG/L	2 U UG/L
DIBROMOCHLOROMETHANE	1 U UG/L		1 U UG/L		1 U UG/L	1 U UG/L
ETHYLBENZENE	2 U UG/L		2 U UG/L		2 U UG/L	2 U UG/L
METHANE	50 U UG/L		210 UG/L		617 UG/L	799 UG/L
METHYLENE CHLORIDE	5 U UG/L		5 U UG/L		5 U UG/L	5 U UG/L
STYRENE	2 U UG/L		2 U UG/L		2 U UG/L	2 U UG/L
TETRACHLOROETHENE	2 U UG/L		2 U UG/L		2 U UG/L	2 U UG/L
TOLUENE	2 U UG/L		2 U UG/L		2 U UG/L	2 U UG/L
TRANS-1,2-DICHLOROETHENE	2 U UG/L		2 U UG/L		2 U UG/L	2 U UG/L
TRANS-1,3-DICHLOROPROPENE	1 U UG/L		1 U UG/L		1 U UG/L	1 U UG/L
TRICHLOROETHENE	2 U UG/L		2 U UG/L		2 U UG/L	2 U UG/L
VINYL CHLORIDE	1 U UG/L		1 U UG/L		1 U UG/L	1 U UG/L
XYLENES, TOTAL	6 U UG/L		6 U UG/L		6 U UG/L	6 U UG/L

SAMPLE NUMBER	OU2MW01A00	OU2MW01A00-F	OU2MW01B00	OU2MW01B00-F	OU2MW02A00	OU2MW02A00-D
LAB ID NUMBER	F2646-17	F2646-17A	F2646-19	F2646-19A	F2742-7	F2742-9
DATE SAMPLED	7/19/98	7/19/98	7/20/98	7/20/98	8/2/98	8/2/98
PARAMETER	RESULTS	RESULTS	RESULTS	RESULTS	RESULTS	RESULTS
SEMIVOLATILES						
1,2,4-TRICHLOROBENZENE	10 U UG/L		10 U UG/L		10 U UG/L	10 U UG/L
1,2-DICHLOROBENZENE	10 U UG/L		10 U UG/L		10 U UG/L	10 U UG/L
1,3-DICHLOROBENZENE	10 U UG/L		10 U UG/L		10 U UG/L	10 U UG/L
1,4-DICHLOROBENZENE	10 U UG/L		10 U UG/L		10 U UG/L	10 U UG/L
2,4,5-TRICHLOROPHENOL	4 U UG/L		4 U UG/L		4 U UG/L	4 U UG/L
2,4,6-TRICHLOROPHENOL	4 U UG/L		4 U UG/L		4 U UG/L	4 U UG/L
2,4-DICHLOROPHENOL	4 U UG/L		4 U UG/L		4 U UG/L	4 U UG/L
2,4-DIMETHYLPHENOL	10 U UG/L		10 U UG/L		10 U UG/L	10 U UG/L
2,4-DINITROPHENOL	25 U UG/L		25 U UG/L		25 U UG/L	25 U UG/L
2,4-DINITROTOLUENE	0.2 U UG/L		0.2 U UG/L		0.2 UJ UG/L	0.2 UJ UG/L
2,6-DINITROTOLUENE	0.2 U UG/L		0.2 U UG/L		0.2 U UG/L	0.2 U UG/L
2-CHLORONAPHTHALENE	10 U UG/L		10 U UG/L		10 U UG/L	10 U UG/L
2-CHLOROPHENOL	10 U UG/L		10 U UG/L		10 U UG/L	10 U UG/L
2-METHYLNAPHTHALENE	10 U UG/L		10 U UG/L		10 U UG/L	10 U UG/L
2-METHYLPHENOL	10 U UG/L		10 U UG/L		10 U UG/L	10 U UG/L
2-NITROANILINE	7.5 U UG/L		7.5 U UG/L		7.5 U UG/L	7.5 U UG/L
2-NITROPHENOL	10 U UG/L		10 U UG/L		10 U UG/L	10 U UG/L
3&4-METHYLPHENOL	10 U UG/L		10 U UG/L		10 U UG/L	10 U UG/L
3,3'-DICHLOROBENZIDINE	7.5 U UG/L		7.5 U UG/L		7.5 U UG/L	7.5 UJ UG/L
3-NITROANILINE	7.5 U UG/L		7.5 U UG/L		7.5 U UG/L	7.5 U UG/L
4,6-DINITRO-2-METHYLPHENOL	10 U UG/L		10 U UG/L		10 U UG/L	10 U UG/L
4-BROMOPHENYL PHENYL ETHER	10 U UG/L		10 U UG/L		10 U UG/L	10 U UG/L
4-CHLORO-3-METHYLPHENOL	10 U UG/L		10 U UG/L		10 U UG/L	10 U UG/L
4-CHLOROANILINE	10 U UG/L		10 U UG/L		10 U UG/L	10 UJ UG/L
4-CHLOROPHENYL PHENYL ETHER	10 U UG/L		10 U UG/L		10 U UG/L	10 U UG/L
4-NITROANILINE	7.5 U UG/L		7.5 U UG/L		7.5 U UG/L	7.5 U UG/L
4-NITROPHENOL	15 U UG/L		15 U UG/L		15 U UG/L	15 U UG/L
ACENAPHTHENE	10 U UG/L		10 U UG/L		10 U UG/L	10 U UG/L
ACENAPHTHYLENE	10 U UG/L		10 U UG/L		10 U UG/L	10 U UG/L
ANTHRACENE	10 U UG/L		10 U UG/L		10 U UG/L	10 U UG/L
BENZO(A)ANTHRACENE	0.2 U UG/L		0.2 U UG/L		0.2 U UG/L	0.2 U UG/L
BENZO(A)PYRENE	0.2 U UG/L		0.2 U UG/L		0.2 U UG/L	0.2 U UG/L
BENZO(B)FLUORANTHENE	0.2 U UG/L		0.2 U UG/L		0.2 U UG/L	0.2 U UG/L
BENZO(G,H,I)PERYLENE	10 U UG/L		10 U UG/L		10 U UG/L	10 U UG/L
BENZO(K)FLUORANTHENE	0.2 U UG/L		0.2 U UG/L		0.2 U UG/L	0.2 U UG/L

SAMPLE NUMBER	OU2MW01A00	OU2MW01A00-F	OU2MW01B00	OU2MW01B00-F	OU2MW02A00	OU2MW02A00-D
LAB ID NUMBER	F2646-17	F2646-17A	F2646-19	F2646-19A	F2742-7	F2742-9
DATE SAMPLED	7/19/98	7/19/98	7/20/98	7/20/98	8/2/98	8/2/98
PARAMETER	RESULTS	RESULTS	RESULTS	RESULTS	RESULTS	RESULTS
BIS(2-CHLOROETHOXY)METHANE	10 U UG/L		10 U UG/L		10 U UG/L	10 U UG/L
BIS(2-CHLOROETHYL)ETHER	1.5 U UG/L		1.5 U UG/L		1.5 U UG/L	1.5 U UG/L
BIS(2-CHLOROISOPROPYL) ETHER	7.5 U UG/L		7.5 U UG/L		7.5 U UG/L	7.5 U UG/L
BIS(2-ETHYLHEXYL)PHTHALATE	6 U UG/L		6 U UG/L		6 U UG/L	6 U UG/L
BUTYLBENZYL PHTHALATE	10 U UG/L		10 U UG/L		10 U UG/L	10 U UG/L
CARBAZOLE	7.5 U UG/L		7.5 U UG/L		7.5 U UG/L	7.5 U UG/L
CHRYSENE	5 U UG/L		5 U UG/L		5 U UG/L	5 U UG/L
DI-N-BUTYL PHTHALATE	10 U UG/L		10 U UG/L		10 U UG/L	10 U UG/L
DI-N-OCTYL PHTHALATE	10 U UG/L		10 U UG/L		10 U UG/L	10 U UG/L
DIBENZO(A,H)ANTHRACENE	0.2 U UG/L		0.2 U UG/L		0.2 U UG/L	0.2 U UG/L
DIBENZOFURAN	10 U UG/L		10 U UG/L		10 U UG/L	10 U UG/L
DIETHYL PHTHALATE	10 U UG/L		10 U UG/L		10 U UG/L	10 U UG/L
DIMETHYL PHTHALATE	10 U UG/L		10 U UG/L		10 U UG/L	10 U UG/L
FLUORANTHENE	10 U UG/L		10 U UG/L		10 U UG/L	10 U UG/L
FLUORENE	10 U UG/L		10 U UG/L		10 U UG/L	10 U UG/L
HEXACHLOROBENZENE	1 U UG/L		1 U UG/L		1 U UG/L	1 U UG/L
HEXACHLOROBUTADIENE	10 U UG/L		10 U UG/L		10 U UG/L	10 U UG/L
HEXACHLOROCYCLOPENTADIENE	10 U UG/L		10 U UG/L		10 U UG/L	10 U UG/L
HEXACHLOROETHANE	10 U UG/L		10 U UG/L		10 U UG/L	10 U UG/L
INDENO(1,2,3-CD)PYRENE	0.2 U UG/L		0.2 U UG/L		0.2 U UG/L	0.2 U UG/L
ISOPHORONE	10 U UG/L		10 U UG/L		10 U UG/L	10 U UG/L
N-NITROSO-DI-N-PROPYLAMINE	1 U UG/L		1 U UG/L		1 U UG/L	1 U UG/L
N-NITROSODIPHENYLAMINE	7.5 U UG/L		7.5 U UG/L		7.5 U UG/L	7.5 U UG/L
NAPHTHALENE	5 U UG/L		5 U UG/L		5 U UG/L	5 U UG/L
NITROBENZENE	10 U UG/L		10 U UG/L		10 U UG/L	10 U UG/L
PHENANTHRENE	10 U UG/L		10 U UG/L		10 U UG/L	10 U UG/L
PHENOL	10 U UG/L		10 U UG/L		10 U UG/L	10 U UG/L
PYRENE	10 U UG/L		10 U UG/L		10 U UG/L	10 U UG/L
HERBICIDES						
2,4,5-T	0.047 U UG/L		0.047 U UG/L		0.047 U UG/L	0.047 U UG/L
2,4,5-TP (SILVEX)	0.089 U UG/L		0.089 U UG/L		0.089 U UG/L	0.089 U UG/L
2,4-D	0.19 U UG/L		0.19 U UG/L		0.19 U UG/L	0.19 U UG/L
2,4-DB	0.2 U UG/L		0.2 U UG/L		0.2 U UG/L	0.2 U UG/L
DALAPON	0.4 U UG/L		0.4 U UG/L		0.4 U UG/L	0.4 U UG/L
DICAMBA	0.2 U UG/L		0.2 U UG/L		0.2 U UG/L	0.2 U UG/L
DICHLOROPROP	1 U UG/L		1 U UG/L		1 U UG/L	1 U UG/L

SAMPLE NUMBER	OU2MW01A00	OU2MW01A00-F	OU2MW01B00	OU2MW01B00-F	OU2MW02A00	OU2MW02A00-D
LAB ID NUMBER	F2646-17	F2646-17A	F2646-19	F2646-19A	F2742-7	F2742-9
DATE SAMPLED	7/19/98	7/19/98	7/20/98	7/20/98	8/2/98	8/2/98
PARAMETER	RESULTS	RESULTS	RESULTS	RESULTS	RESULTS	RESULTS
DINOSEB	0.2 U UG/L		0.2 U UG/L		0.2 U UG/L	0.2 U UG/L
MCPA	100 U UG/L		100 U UG/L		100 U UG/L	100 U UG/L
MCPP	50 UJ UG/L		50 UJ UG/L		50 U UG/L	50 U UG/L
PENTACHLOROPHENOL	0.1 U UG/L		0.1 U UG/L		0.1 U UG/L	0.1 U UG/L
PESTICIDES/PCBS						
4,4'-DDD	0.10 UJ UG/L		0.10 UJ UG/L		0.10 U UG/L	0.10 U UG/L
4,4'-DDE	0.10 UJ UG/L		0.10 UJ UG/L		0.10 U UG/L	0.10 U UG/L
4,4'-DDT	0.10 UJ UG/L		0.10 UJ UG/L		0.10 U UG/L	0.10 U UG/L
ALDRIN	0.050 UJ UG/L		0.050 UJ UG/L		0.050 U UG/L	0.050 U UG/L
ALPHA-BHC	0.050 UJ UG/L		0.050 UJ UG/L		0.050 U UG/L	0.050 U UG/L
ALPHA-CHLORDANE	0.10 UJ UG/L		0.10 UJ UG/L		0.10 U UG/L	0.10 U UG/L
AROCLOR-1016						
AROCLOR-1221						
AROCLOR-1232						
AROCLOR-1242						
AROCLOR-1248						
AROCLOR-1254						
AROCLOR-1260						
BETA-BHC	0.10 UJ UG/L		0.10 UJ UG/L		0.10 U UG/L	0.10 U UG/L
DELTA-BHC	0.050 UJ UG/L		0.050 UJ UG/L		0.050 U UG/L	0.050 U UG/L
DIELDRIN	0.10 UJ UG/L		0.10 UJ UG/L		0.10 U UG/L	0.10 U UG/L
ENDOSULFAN I	0.050 UJ UG/L		0.050 UJ UG/L		0.050 U UG/L	0.050 U UG/L
ENDOSULFAN II	0.10 UJ UG/L		0.10 UJ UG/L		0.10 U UG/L	0.10 U UG/L
ENDOSULFAN SULFATE	0.10 UJ UG/L		0.10 UJ UG/L		0.10 U UG/L	0.10 U UG/L
ENDRIN	0.10 UJ UG/L		0.10 UJ UG/L		0.10 U UG/L	0.10 U UG/L
ENDRIN ALDEHYDE	0.10 UJ UG/L		0.10 UJ UG/L		0.10 U UG/L	0.10 U UG/L
ENDRIN KETONE	0.10 UJ UG/L		0.10 UJ UG/L		0.10 U UG/L	0.10 U UG/L
GAMMA-BHC (LINDANE)	0.050 UJ UG/L		0.050 UJ UG/L		0.050 U UG/L	0.050 U UG/L
GAMMA-CHLORDANE	0.10 UJ UG/L		0.10 UJ UG/L		0.10 U UG/L	0.10 U UG/L
HEPTACHLOR	0.050 UJ UG/L		0.050 UJ UG/L		0.050 U UG/L	0.050 U UG/L
HEPTACHLOR EPOXIDE	0.050 UJ UG/L		0.050 UJ UG/L		0.050 U UG/L	0.050 U UG/L
METHOXYCHLOR	0.50 UJ UG/L		0.50 UJ UG/L		0.50 U UG/L	0.50 U UG/L
TOXAPHENE	2.5 UJ UG/L		2.5 UJ UG/L		2.5 U UG/L	2.5 U UG/L
PETROLEUM HYDROCARBONS						
TPH (C8-C40)	0.5 U MG/L		0.5 U MG/L		0.5 U MG/L	0.5 U MG/L
MISC						

SAMPLE NUMBER	OU2MW01A00	OU2MW01A00-F	OU2MW01B00	OU2MW01B00-F	OU2MW02A00	OU2MW02A00-D
LAB ID NUMBER	F2646-17	F2646-17A	F2646-19	F2646-19A	F2742-7	F2742-9
DATE SAMPLED	7/19/98	7/19/98	7/20/98	7/20/98	8/2/98	8/2/98
PARAMETER	RESULTS	RESULTS	RESULTS	RESULTS	RESULTS	RESULTS
ALKALINITY	7.0 MG/L		22.9 MG/L		29.0 MG/L	15.5 MG/L
BOD-5DAY (TOTAL)	8.5 U MG/L		25.0 U MG/L		4.8 MG/L	2.2 MG/L
CHEMICAL OXYGEN DEMAND	20.0 U MG/L		74.3 MG/L		20.0 UJ MG/L	20.0 U MG/L
CHLORIDE	18.0 MG/L		24.0 MG/L		8.0 MG/L	7.5 MG/L
CYANIDE	0.0050 U MG/L		0.0050 U MG/L		0.0050 U MG/L	0.0050 U MG/L
HARDNESS as CaCO3	26.0 MG/L		55.2 MG/L		29.0 MG/L	28.7 MG/L
NITRATE, AS NITROGEN	0.21 U MG/L		0.21 U MG/L		0.11 U MG/L	0.11 U MG/L
NITRATE/NITRITE, AS N	0.20 U MG/L		0.20 U MG/L		0.10 U MG/L	0.10 U MG/L
NITRITE, AS NITROGEN	0.010 U MG/L		0.010 U MG/L		0.010 U MG/L	0.010 U MG/L
ORTHOPHOSPHATE	0.10 U MG/L		1.9 MG/L		0.10 U MG/L	0.13 MG/L
PH	5.4		5.7		5.7	5.8
PLATE COUNT, TOTAL	30400 CFU/M		26200 CFU/M		13000 CFU/M	6600 CFU/M
REDOX POTENTIAL VS H2	466 MV		370 MV		308 MV	288 MV
SULFATE	15.6 MG/L		1150 MG/L		90.0 MG/L	32.0 MG/L
TOTAL DISSOLVED SOLIDS	14000 MG/L		813 MG/L		110 MG/L	404 MG/L
TOTAL ORGANIC CARBON	8.7 MG/L		5.2 MG/L		14.6 MG/L	12.9 MG/L
TOTAL SUSPENDED SOLIDS	1460 MG/L		848 MG/L		194 MG/L	84.0 MG/L
TURBIDITY					700 NTU	381 NTU
METALS (UNFILTERED)						
ALUMINUM	4520 J UG/L		1000 U UG/L		57400 J UG/L	46200 J UG/L
ANTIMONY	3.8 UR UG/L		3.8 UR UG/L		3.8 UR UG/L	3.8 UR UG/L
ARSENIC	3.1 U UG/L		3.1 U UG/L		3.1 U UG/L	3.1 U UG/L
BARIUM	0.47 UJ UG/L		0.47 UJ UG/L		778 U UG/L	284 U UG/L
BERYLLIUM	0.20 U UG/L		0.20 U UG/L		0.20 U UG/L	0.20 U UG/L
CADMIUM	0.50 UJ UG/L		0.50 UJ UG/L		0.50 U UG/L	0.50 U UG/L
CALCIUM	10400 J UG/L		22100 J UG/L		11600 J UG/L	11500 J UG/L
CHROMIUM	0.96 UJ UG/L		0.96 UJ UG/L		59.8 J UG/L	49.8 J UG/L
COBALT	0.71 UJ UG/L		0.71 UJ UG/L		0.71 UJ UG/L	0.71 UJ UG/L
COPPER	1.2 U UG/L		1.2 U UG/L		1.2 U UG/L	1.2 U UG/L
IRON	1400 J UG/L		2830 J UG/L		7300 J UG/L	6610 J UG/L
LEAD	5.2 U UG/L		4.1 U UG/L		24.3 J UG/L	18.3 J UG/L
MAGNESIUM	10.0 UJ UG/L		10.0 UJ UG/L		10.0 UJ UG/L	10.0 UJ UG/L
MANGANESE	44.2 J UG/L		41.2 J UG/L		24.7 J UG/L	22.7 J UG/L
MERCURY	0.29 UG/L		0.20 U UG/L		0.20 U UG/L	1.0 U UG/L
NICKEL	1.6 UJ UG/L		1.6 UJ UG/L		1.6 UJ UG/L	1.6 UJ UG/L
POTASSIUM	25.0 UJ UG/L		25.0 UJ UG/L		25.0 UJ UG/L	25.0 UJ UG/L

SAMPLE NUMBER	OU2MW01A00	OU2MW01A00-F	OU2MW01B00	OU2MW01B00-F	OU2MW02A00	OU2MW02A00-D
LAB ID NUMBER	F2646-17	F2646-17A	F2646-19	F2646-19A	F2742-7	F2742-9
DATE SAMPLED	7/19/98	7/19/98	7/20/98	7/20/98	8/2/98	8/2/98
PARAMETER	RESULTS	RESULTS	RESULTS	RESULTS	RESULTS	RESULTS
SELENIUM	2.3 U UG/L		2.3 U UG/L		6.3 U UG/L	2.3 U UG/L
SILVER	1.8 UJ UG/L		1.8 UJ UG/L		1.8 UJ UG/L	1.8 UJ UG/L
SODIUM	13300 J UG/L		14300 J UG/L		330 UJ UG/L	330 UJ UG/L
THALLIUM	3.9 U UG/L		3.9 U UG/L		3.9 U UG/L	3.9 U UG/L
VANADIUM	52.2 J UG/L		1.1 UJ UG/L		110 J UG/L	91.7 J UG/L
ZINC	112 J UG/L		268 J UG/L		195 U UG/L	176 U UG/L
METALS (DISSOLVED)						
ALUMINUM		5340 J UG/L		1200 U UG/L		
ANTIMONY		3.8 UR UG/L		3.8 UR UG/L		
ARSENIC		3.1 U UG/L		3.1 U UG/L		
BARIUM		0.47 UJ UG/L		483 J UG/L		
BERYLLIUM		0.20 U UG/L		0.20 U UG/L		
CADMIUM		0.50 UJ UG/L		71.8 J UG/L		
CALCIUM		6140 J UG/L		20000 J UG/L		
CHROMIUM		14.2 U UG/L		0.96 UJ UG/L		
COBALT		0.71 UJ UG/L		0.71 UJ UG/L		
COPPER		1.2 U UG/L		1.2 U UG/L		
IRON		1290 J UG/L		3020 J UG/L		
LEAD		5.0 U UG/L		7.0 U UG/L		
MAGNESIUM		10.0 UJ UG/L		10.0 UJ UG/L		
MANGANESE		34.4 J UG/L		38.4 J UG/L		
MERCURY		0.20 U UG/L		0.20 U UG/L		
NICKEL		1.6 UJ UG/L		1.6 UJ UG/L		
POTASSIUM		25.0 UJ UG/L		25.0 UJ UG/L		
SELENIUM		2.3 U UG/L		2.3 U UG/L		
SILVER		1.8 UJ UG/L		1.8 UJ UG/L		
SODIUM		6940 J UG/L		15800 J UG/L		
THALLIUM		3.9 U UG/L		3.9 U UG/L		
VANADIUM		1.1 UJ UG/L		1.1 UJ UG/L		
ZINC		123 J UG/L		121 J UG/L		
RADIOLOGICAL						
CESIUM-137						
COBALT-60						
GROSS ALPHA	27.9+/-1.5 pCi/L		49.0+/-2.8 pCi/L		11.9+/-1.0 pCi/L	10.9+/-1.0 pCi/L
GROSS BETA	15.9+/-1.1 pCi/L		16.8+/-1.4 pCi/L		6.8+/-1.0 pCi/L	6.4+/-0.9 pCi/L

SAMPLE NUMBER	OU2MW02A00-F	OU2MW02A00-F-D	OU2MW02B00	OU2MW02B00-F	OU2MW03A00	OU2MW03A00-F
LAB ID NUMBER	F2742-7AA	F2742-9AA	F2742-6	F2742-6AA	F2742-4	F2742-4AA
DATE SAMPLED	8/2/98	8/2/98	8/2/98	8/2/98	8/1/98	8/1/98
PARAMETER	RESULTS	RESULTS	RESULTS	RESULTS	RESULTS	RESULTS
VOLATILES						
1,1,1-TRICHLOROETHANE			2 U UG/L		2 U UG/L	
1,1,2,2-TETRACHLOROETHANE			1 U UG/L		1 U UG/L	
1,1,2-TRICHLOROETHANE			2 U UG/L		2 U UG/L	
1,1-DICHLOROETHANE			2 U UG/L		2 U UG/L	
1,1-DICHLOROETHENE			2 U UG/L		2 U UG/L	
1,2-DICHLOROETHANE			2 U UG/L		2 U UG/L	
1,2-DICHLOROPROPANE			2 U UG/L		2 U UG/L	
2-BUTANONE			10 UR UG/L		10 UR UG/L	
2-HEXANONE			10 U UG/L		10 U UG/L	
4-METHYL-2-PENTANONE			10 U UG/L		10 U UG/L	
ACETONE			50 UR UG/L		50 UR UG/L	
BENZENE			1 U UG/L		5.5 UG/L	
BROMODICHLOROMETHANE			1 U UG/L		1 U UG/L	
BROMOFORM			2 U UG/L		2 U UG/L	
BROMOMETHANE			5 U UG/L		5 U UG/L	
CARBON DISULFIDE			10 U UG/L		10 U UG/L	
CARBON TETRACHLORIDE			2 U UG/L		2 U UG/L	
CHLOROBENZENE			2 U UG/L		2 U UG/L	
CHLOROETHANE			2 U UG/L		2 U UG/L	
CHLOROFORM			2 U UG/L		2 U UG/L	
CHLOROMETHANE			2 U UG/L		2 U UG/L	
CIS-1,2-DICHLOROETHENE			2 U UG/L		2 UG/L	
CIS-1,3-DICHLOROPROPENE			2 U UG/L		2 U UG/L	
DIBROMOCHLOROMETHANE			1 U UG/L		1 U UG/L	
ETHYLBENZENE			2 U UG/L		4.1 UG/L	
METHANE			233 UG/L		1310 UG/L	
METHYLENE CHLORIDE			5 U UG/L		5 U UG/L	
STYRENE			2 U UG/L		2 U UG/L	
TETRACHLOROETHENE			2 U UG/L		2 U UG/L	
TOLUENE			2 U UG/L		8 UG/L	
TRANS-1,2-DICHLOROETHENE			2 U UG/L		2 U UG/L	
TRANS-1,3-DICHLOROPROPENE			1 U UG/L		1 U UG/L	
TRICHLOROETHENE			2 U UG/L		2 U UG/L	
VINYL CHLORIDE			1 U UG/L		4.8 UG/L	
XYLENES, TOTAL			6 U UG/L		15.7 UG/L	

SAMPLE NUMBER	OU2MW02A00-F	OU2MW02A00-F-D	OU2MW02B00	OU2MW02B00-F	OU2MW03A00	OU2MW03A00-F
LAB ID NUMBER	F2742-7AA	F2742-9AA	F2742-6	F2742-6AA	F2742-4	F2742-4AA
DATE SAMPLED	8/2/98	8/2/98	8/2/98	8/2/98	8/1/98	8/1/98
PARAMETER	RESULTS	RESULTS	RESULTS	RESULTS	RESULTS	RESULTS
SEMIVOLATILES						
1,2,4-TRICHLOROBENZENE			10 U UG/L		10 U UG/L	
1,2-DICHLOROBENZENE			10 U UG/L		10 U UG/L	
1,3-DICHLOROBENZENE			10 U UG/L		10 U UG/L	
1,4-DICHLOROBENZENE			10 U UG/L		10 U UG/L	
2,4,5-TRICHLOROPHENOL			4 U UG/L		4 U UG/L	
2,4,6-TRICHLOROPHENOL			4 U UG/L		4 U UG/L	
2,4-DICHLOROPHENOL			4 U UG/L		4 U UG/L	
2,4-DIMETHYLPHENOL			10 U UG/L		10 U UG/L	
2,4-DINITROPHENOL			25 U UG/L		25 U UG/L	
2,4-DINITROTOLUENE			0.2 UJ UG/L		0.2 UJ UG/L	
2,6-DINITROTOLUENE			0.2 U UG/L		0.6 U UG/L	
2-CHLORONAPHTHALENE			10 U UG/L		10 U UG/L	
2-CHLOROPHENOL			10 U UG/L		10 U UG/L	
2-METHYLNAPHTHALENE			10 U UG/L		10 U UG/L	
2-METHYLPHENOL			10 U UG/L		10 U UG/L	
2-NITROANILINE			7.5 U UG/L		7.5 U UG/L	
2-NITROPHENOL			10 U UG/L		10 U UG/L	
3&4-METHYLPHENOL			10 U UG/L		10 U UG/L	
3,3'-DICHLOROBENZIDINE			7.5 U UG/L		7.5 U UG/L	
3-NITROANILINE			7.5 U UG/L		7.5 U UG/L	
4,6-DINITRO-2-METHYLPHENOL			10 U UG/L		10 U UG/L	
4-BROMOPHENYL PHENYL ETHER			10 U UG/L		10 U UG/L	
4-CHLORO-3-METHYLPHENOL			10 U UG/L		10 U UG/L	
4-CHLOROANILINE			10 U UG/L		10 U UG/L	
4-CHLOROPHENYL PHENYL ETHER			10 U UG/L		10 U UG/L	
4-NITROANILINE			7.5 U UG/L		7.5 U UG/L	
4-NITROPHENOL			15 U UG/L		15 U UG/L	
ACENAPHTHENE			10 U UG/L		10 U UG/L	
ACENAPHTHYLENE			10 U UG/L		10 U UG/L	
ANTHRACENE			10 U UG/L		10 U UG/L	
BENZO(A)ANTHRACENE			0.2 U UG/L		0.2 U UG/L	
BENZO(A)PYRENE			0.2 U UG/L		0.2 U UG/L	
BENZO(B)FLUORANTHENE			0.2 U UG/L		0.2 U UG/L	
BENZO(G,H,I)PERYLENE			10 U UG/L		10 U UG/L	
BENZO(K)FLUORANTHENE			0.2 U UG/L		0.2 U UG/L	

SAMPLE NUMBER	OU2MW02A00-F	OU2MW02A00-F-D	OU2MW02B00	OU2MW02B00-F	OU2MW03A00	OU2MW03A00-F
LAB ID NUMBER	F2742-7AA	F2742-9AA	F2742-6	F2742-6AA	F2742-4	F2742-4AA
DATE SAMPLED	8/2/98	8/2/98	8/2/98	8/2/98	8/1/98	8/1/98
PARAMETER	RESULTS	RESULTS	RESULTS	RESULTS	RESULTS	RESULTS
BIS(2-CHLOROETHOXY)METHANE			10 U UG/L		10 U UG/L	
BIS(2-CHLOROETHYL)ETHER			1.5 U UG/L		1.5 U UG/L	
BIS(2-CHLOROISOPROPYL) ETHER			7.5 U UG/L		7.5 U UG/L	
BIS(2-ETHYLHEXYL)PHTHALATE			6 U UG/L		6 U UG/L	
BUTYLBENZYL PHTHALATE			10 U UG/L		10 U UG/L	
CARBAZOLE			7.5 U UG/L		7.5 U UG/L	
CHRYSENE			5 U UG/L		5 U UG/L	
DI-N-BUTYL PHTHALATE			10 U UG/L		10 U UG/L	
DI-N-OCTYL PHTHALATE			10 U UG/L		10 U UG/L	
DIBENZO(A,H)ANTHRACENE			0.2 U UG/L		0.2 U UG/L	
DIBENZOFURAN			10 U UG/L		10 U UG/L	
DIETHYL PHTHALATE			10 U UG/L		10 U UG/L	
DIMETHYL PHTHALATE			10 U UG/L		10 U UG/L	
FLUORANTHENE			10 U UG/L		10 U UG/L	
FLUORENE			10 U UG/L		10 U UG/L	
HEXACHLOROBENZENE			1 U UG/L		1 U UG/L	
HEXACHLOROBUTADIENE			10 U UG/L		10 U UG/L	
HEXACHLOROCYCLOPENTADIENE			10 U UG/L		10 U UG/L	
HEXACHLOROETHANE			10 U UG/L		10 U UG/L	
INDENO(1,2,3-CD)PYRENE			0.2 U UG/L		0.2 U UG/L	
ISOPHORONE			10 U UG/L		10 U UG/L	
N-NITROSO-DI-N-PROPYLAMINE			1 U UG/L		1 U UG/L	
N-NITROSODIPHENYLAMINE			7.5 U UG/L		7.5 U UG/L	
NAPHTHALENE			5 U UG/L		5 U UG/L	
NITROBENZENE			10 U UG/L		10 U UG/L	
PHENANTHRENE			10 U UG/L		10 U UG/L	
PHENOL			10 U UG/L		10 U UG/L	
PYRENE			10 U UG/L		10 U UG/L	
HERBICIDES						
2,4,5-T			0.047 U UG/L		0.047 U UG/L	
2,4,5-TP (SILVEX)			0.089 U UG/L		0.089 U UG/L	
2,4-D			0.19 U UG/L		0.19 U UG/L	
2,4-DB			0.2 U UG/L		0.2 U UG/L	
DALAPON			0.4 U UG/L		0.4 U UG/L	
DICAMBA			0.2 U UG/L		0.2 U UG/L	
DICHLOROPROP			1 U UG/L		1 U UG/L	

SAMPLE NUMBER	OU2MW02A00-F	OU2MW02A00-F-D	OU2MW02B00	OU2MW02B00-F	OU2MW03A00	OU2MW03A00-F
LAB ID NUMBER	F2742-7AA	F2742-9AA	F2742-6	F2742-6AA	F2742-4	F2742-4AA
DATE SAMPLED	8/2/98	8/2/98	8/2/98	8/2/98	8/1/98	8/1/98
PARAMETER	RESULTS	RESULTS	RESULTS	RESULTS	RESULTS	RESULTS
DINOSEB			0.2 U UG/L		0.2 U UG/L	
MCPA			100 U UG/L		100 U UG/L	
MCPP			50 U UG/L		50 U UG/L	
PENTACHLOROPHENOL			0.1 U UG/L		0.1 U UG/L	
PESTICIDES/PCBS						
4,4'-DDD			0.10 U UG/L		0.10 U UG/L	
4,4'-DDE			0.10 U UG/L		0.10 U UG/L	
4,4'-DDT			0.10 U UG/L		0.10 U UG/L	
ALDRIN			0.050 U UG/L		0.050 U UG/L	
ALPHA-BHC			0.050 U UG/L		0.050 U UG/L	
ALPHA-CHLORDANE			0.10 U UG/L		0.10 U UG/L	
AROCLOR-1016						
AROCLOR-1221						
AROCLOR-1232						
AROCLOR-1242						
AROCLOR-1248						
AROCLOR-1254						
AROCLOR-1260						
BETA-BHC			0.10 U UG/L		0.10 U UG/L	
DELTA-BHC			0.050 U UG/L		0.050 U UG/L	
DIELDRIN			0.10 U UG/L		0.10 U UG/L	
ENDOSULFAN I			0.050 U UG/L		0.050 U UG/L	
ENDOSULFAN II			0.10 U UG/L		0.10 U UG/L	
ENDOSULFAN SULFATE			0.10 U UG/L		0.10 U UG/L	
ENDRIN			0.10 U UG/L		0.10 U UG/L	
ENDRIN ALDEHYDE			0.10 U UG/L		0.10 U UG/L	
ENDRIN KETONE			0.10 U UG/L		0.10 U UG/L	
GAMMA-BHC (LINDANE)			0.050 U UG/L		0.050 U UG/L	
GAMMA-CHLORDANE			0.10 U UG/L		0.10 U UG/L	
HEPTACHLOR			0.050 U UG/L		0.050 U UG/L	
HEPTACHLOR EPOXIDE			0.050 U UG/L		0.050 U UG/L	
METHOXYCHLOR			0.50 U UG/L		0.50 U UG/L	
TOXAPHENE			2.5 U UG/L		2.5 U UG/L	
PETROLEUM HYDROCARBONS						
TPH (C8-C40)			0.5 U MG/L		1.16 MG/L	
MISC						

SAMPLE NUMBER	OU2MW02A00-F	OU2MW02A00-F-D	OU2MW02B00	OU2MW02B00-F	OU2MW03A00	OU2MW03A00-F
LAB ID NUMBER	F2742-7AA	F2742-9AA	F2742-6	F2742-6AA	F2742-4	F2742-4AA
DATE SAMPLED	8/2/98	8/2/98	8/2/98	8/2/98	8/1/98	8/1/98
PARAMETER	RESULTS	RESULTS	RESULTS	RESULTS	RESULTS	RESULTS
ALKALINITY			31.0 MG/L		8.0 MG/L	
BOD-5DAY (TOTAL)			2.3 MG/L		4.4 MG/L	
CHEMICAL OXYGEN DEMAND			25.0 MG/L		20.0 UJ MG/L	
CHLORIDE			3.4 U MG/L		60.0 MG/L	
CYANIDE			0.0050 U MG/L		0.0050 U MG/L	
HARDNESS as CaCO3			96.1 MG/L		146 MG/L	
NITRATE, AS NITROGEN			0.11 U MG/L		0.11 U MG/L	
NITRATE/NITRITE, AS N			0.10 U MG/L		0.10 U MG/L	
NITRITE, AS NITROGEN			0.010 U MG/L		0.010 U MG/L	
ORTHOPHOSPHATE			0.37 MG/L		0.10 U MG/L	
PH			5.9		5.6	
PLATE COUNT, TOTAL			13600 CFU/M		73900 CFU/M	
REDOX POTENTIAL VS H2			149 MV		310 MV	
SULFATE			46.1 MG/L		20.0 U MG/L	
TOTAL DISSOLVED SOLIDS			1500 MG/L		1090 MG/L	
TOTAL ORGANIC CARBON			31.4 MG/L		77.2 MG/L	
TOTAL SUSPENDED SOLIDS			692 MG/L		724 MG/L	
TURBIDITY			1280 NTU		800 NTU	
METALS (UNFILTERED)						
ALUMINUM			44000 J UG/L		39000 J UG/L	
ANTIMONY			3.8 UR UG/L		3.8 UR UG/L	
ARSENIC			12.7 U UG/L		9.2 U UG/L	
BARIUM			991 U UG/L		250 U UG/L	
BERYLLIUM			8.9 U UG/L		0.20 U UG/L	
CADMIUM			4.8 U UG/L		7.2 U UG/L	
CALCIUM			38500 J UG/L		36500 J UG/L	
CHROMIUM			89.5 J UG/L		53.6 J UG/L	
COBALT			0.71 UJ UG/L		0.71 UJ UG/L	
COPPER			1.2 U UG/L		1.2 U UG/L	
IRON			9360 J UG/L		26400 J UG/L	
LEAD			44.0 J UG/L		36.2 J UG/L	
MAGNESIUM			10.0 UJ UG/L		13200 J UG/L	
MANGANESE			36.9 J UG/L		194 J UG/L	
MERCURY			0.20 U UG/L		0.20 U UG/L	
NICKEL			1.6 UJ UG/L		1.6 UJ UG/L	
POTASSIUM			25.0 UJ UG/L		25.0 UJ UG/L	

SAMPLE NUMBER	OU2MW02A00-F	OU2MW02A00-F-D	OU2MW02B00	OU2MW02B00-F	OU2MW03A00	OU2MW03A00-F
LAB ID NUMBER	F2742-7AA	F2742-9AA	F2742-6	F2742-6AA	F2742-4	F2742-4AA
DATE SAMPLED	8/2/98	8/2/98	8/2/98	8/2/98	8/1/98	8/1/98
PARAMETER	RESULTS	RESULTS	RESULTS	RESULTS	RESULTS	RESULTS
SELENIUM			7.3 U UG/L		5.8 U UG/L	
SILVER			1.8 UJ UG/L		1.8 UJ UG/L	
SODIUM			25300 J UG/L		25000 J UG/L	
THALLIUM			3.9 U UG/L		3.9 U UG/L	
VANADIUM			114 J UG/L		103 J UG/L	
ZINC			142 U UG/L		317 U UG/L	
METALS (DISSOLVED)						
ALUMINUM	2080 J UG/L	454 U UG/L		490 U UG/L		290 U UG/L
ANTIMONY	3.8 UR UG/L	3.8 UR UG/L		3.8 UR UG/L		3.8 UR UG/L
ARSENIC	3.1 U UG/L	3.1 U UG/L		3.1 U UG/L		3.1 U UG/L
BARIUM	0.47 U UG/L	0.47 U UG/L		636 U UG/L		0.47 U UG/L
BERYLLIUM	0.20 U UG/L	0.20 U UG/L		0.20 U UG/L		0.20 U UG/L
CADMIUM	0.50 U UG/L	0.50 U UG/L		0.50 U UG/L		0.50 U UG/L
CALCIUM	6510 J UG/L	6670 J UG/L		13700 J UG/L		29000 J UG/L
CHROMIUM	0.96 UJ UG/L	0.96 UJ UG/L		0.96 UJ UG/L		14.0 U UG/L
COBALT	0.71 UJ UG/L	0.71 UJ UG/L		0.71 UJ UG/L		0.71 UJ UG/L
COPPER	1.2 U UG/L	1.2 U UG/L		1.2 U UG/L		1.2 U UG/L
IRON	2360 U UG/L	2300 U UG/L		3690 J UG/L		19000 J UG/L
LEAD	3.2 U UG/L	2.1 UJ UG/L		3.5 U UG/L		9.3 U UG/L
MAGNESIUM	10.0 UJ UG/L	10.0 UJ UG/L		10.0 UJ UG/L		10400 J UG/L
MANGANESE	0.39 UJ UG/L	0.39 UJ UG/L		25.0 J UG/L		176 J UG/L
MERCURY	0.20 U UG/L	0.20 U UG/L		0.20 U UG/L		0.20 U UG/L
NICKEL	1.6 UJ UG/L	1.6 UJ UG/L		1.6 UJ UG/L		1.6 UJ UG/L
POTASSIUM	25.0 UJ UG/L	25.0 UJ UG/L		25.0 UJ UG/L		25.0 UJ UG/L
SELENIUM	2.3 U UG/L	2.3 U UG/L		2.3 U UG/L		2.3 U UG/L
SILVER	1.8 UJ UG/L	1.8 UJ UG/L		1.8 UJ UG/L		1.8 UJ UG/L
SODIUM	330 UJ UG/L	330 UJ UG/L		34400 J UG/L		23300 J UG/L
THALLIUM	3.9 U UG/L	3.9 U UG/L		3.9 U UG/L		3.9 U UG/L
VANADIUM	1.1 UJ UG/L	1.1 UJ UG/L		1.1 UJ UG/L		1.1 UJ UG/L
ZINC	114 U UG/L	144 U UG/L		139 U UG/L		138 U UG/L
RADIOLOGICAL						
CESIUM-137					~~9.8+/-3.3 pCi/L~~	REJECTED BY LAB AFTER RE-EVALUATION
COBALT-60						
GROSS ALPHA			95.5+/-4.9 pCi/L		6.9+/-1.6 pCi/L	
GROSS BETA			32.3+/-2.2 pCi/L		8.8+/-1.4 pCi/L	

SAMPLE NUMBER	OU2MW03B00	OU2MW03B00-F	OU2MW04A00	OU2MW04A00-D	OU2MW04A00-F	OU2MW04A00-F-D
LAB ID NUMBER	F2742-8	F2742-8AA	F2680-21	F2680-24	F2680-21A	F2680-24A
DATE SAMPLED	8/2/98	8/2/98	7/31/98	7/31/98	7/31/98	7/31/98
PARAMETER	RESULTS	RESULTS	RESULTS	RESULTS	RESULTS	RESULTS
VOLATILES						
1,1,1-TRICHLOROETHANE	2 U UG/L		2 U UG/L	2 U UG/L		
1,1,2,2-TETRACHLOROETHANE	1 U UG/L		1 U UG/L	1 U UG/L		
1,1,2-TRICHLOROETHANE	2 U UG/L		2 U UG/L	2 U UG/L		
1,1-DICHLOROETHANE	2 U UG/L		2 U UG/L	2 U UG/L		
1,1-DICHLOROETHENE	2 U UG/L		2 U UG/L	2 U UG/L		
1,2-DICHLOROETHANE	2 U UG/L		2 U UG/L	2 U UG/L		
1,2-DICHLOROPROPANE	2 U UG/L		2 U UG/L	2 U UG/L		
2-BUTANONE	10 UR UG/L		10 UR UG/L	10 UR UG/L		
2-HEXANONE	10 U UG/L		10 U UG/L	10 U UG/L		
4-METHYL-2-PENTANONE	10 U UG/L		10 U UG/L	10 U UG/L		
ACETONE	50 UR UG/L		50 UR UG/L	50 UR UG/L		
BENZENE	6.2 UG/L		1 U UG/L	1 U UG/L		
BROMODICHLOROMETHANE	1 U UG/L		1 U UG/L	1 U UG/L		
BROMOFORM	2 U UG/L		2 U UG/L	2 U UG/L		
BROMOMETHANE	5 U UG/L		5 U UG/L	5 U UG/L		
CARBON DISULFIDE	10 U UG/L		10 U UG/L	10 U UG/L		
CARBON TETRACHLORIDE	2 U UG/L		2 U UG/L	2 U UG/L		
CHLOROBENZENE	19.1 UG/L		2 U UG/L	2 U UG/L		
CHLOROETHANE	2 U UG/L		2 U UG/L	2 U UG/L		
CHLOROFORM	2 U UG/L		2 U UG/L	2 U UG/L		
CHLOROMETHANE	2 U UG/L		2 U UG/L	2 U UG/L		
CIS-1,2-DICHLOROETHENE	2 U UG/L		2 U UG/L	2 U UG/L		
CIS-1,3-DICHLOROPROPENE	2 U UG/L		2 U UG/L	2 U UG/L		
DIBROMOCHLOROMETHANE	1 U UG/L		1 U UG/L	1 U UG/L		
ETHYLBENZENE	2 U UG/L		2 U UG/L	2 U UG/L		
METHANE	186 UG/L		50 U UG/L	50 U UG/L		
METHYLENE CHLORIDE	5 U UG/L		5 U UG/L	5 U UG/L		
STYRENE	2 U UG/L		2 U UG/L	2 U UG/L		
TETRACHLOROETHENE	2 U UG/L		2 U UG/L	2 U UG/L		
TOLUENE	2 U UG/L		2 U UG/L	2 U UG/L		
TRANS-1,2-DICHLOROETHENE	2 U UG/L		2 U UG/L	2 U UG/L		
TRANS-1,3-DICHLOROPROPENE	1 U UG/L		1 U UG/L	1 U UG/L		
TRICHLOROETHENE	2 U UG/L		2 U UG/L	2 U UG/L		
VINYL CHLORIDE	1 U UG/L		1 U UG/L	1 U UG/L		
XYLENES, TOTAL	6 U UG/L		6 U UG/L	6 U UG/L		

SAMPLE NUMBER	OU2MW03B00	OU2MW03B00-F	OU2MW04A00	OU2MW04A00-D	OU2MW04A00-F	OU2MW04A00-F-D
LAB ID NUMBER	F2742-8	F2742-8AA	F2680-21	F2680-24	F2680-21A	F2680-24A
DATE SAMPLED	8/2/98	8/2/98	7/31/98	7/31/98	7/31/98	7/31/98
PARAMETER	RESULTS	RESULTS	RESULTS	RESULTS	RESULTS	RESULTS
SEMIVOLATILES						
1,2,4-TRICHLOROBENZENE	10 U UG/L		10 U UG/L	10 U UG/L		
1,2-DICHLOROBENZENE	10 U UG/L		10 U UG/L	10 U UG/L		
1,3-DICHLOROBENZENE	10 U UG/L		10 U UG/L	10 U UG/L		
1,4-DICHLOROBENZENE	6.3 J UG/L		10 U UG/L	10 U UG/L		
2,4,5-TRICHLOROPHENOL	4 U UG/L		4 U UG/L	4 U UG/L		
2,4,6-TRICHLOROPHENOL	4 U UG/L		4 U UG/L	4 U UG/L		
2,4-DICHLOROPHENOL	4 U UG/L		4 U UG/L	4 U UG/L		
2,4-DIMETHYLPHENOL	10 U UG/L		10 U UG/L	10 U UG/L		
2,4-DINITROPHENOL	25 U UG/L		25 U UG/L	25 U UG/L		
2,4-DINITROTOLUENE	0.2 UJ UG/L		0.2 U UG/L	0.2 U UG/L		
2,6-DINITROTOLUENE	0.2 U UG/L		0.2 U UG/L	0.2 U UG/L		
2-CHLORONAPHTHALENE	10 U UG/L		10 U UG/L	10 U UG/L		
2-CHLOROPHENOL	10 U UG/L		10 U UG/L	10 U UG/L		
2-METHYLNAPHTHALENE	10 U UG/L		10 U UG/L	10 U UG/L		
2-METHYLPHENOL	10 U UG/L		10 U UG/L	10 U UG/L		
2-NITROANILINE	7.5 U UG/L		7.5 U UG/L	7.5 U UG/L		
2-NITROPHENOL	10 U UG/L		10 U UG/L	10 U UG/L		
3&4-METHYLPHENOL	10 U UG/L		10 U UG/L	10 U UG/L		
3,3'-DICHLOROBENZIDINE	7.5 UJ UG/L		7.5 U UG/L	7.5 U UG/L		
3-NITROANILINE	7.5 U UG/L		7.5 U UG/L	7.5 U UG/L		
4,6-DINITRO-2-METHYLPHENOL	10 U UG/L		10 U UG/L	10 U UG/L		
4-BROMOPHENYL PHENYL ETHER	10 U UG/L		10 U UG/L	10 U UG/L		
4-CHLORO-3-METHYLPHENOL	10 U UG/L		10 U UG/L	10 U UG/L		
4-CHLOROANILINE	10 U UG/L		10 U UG/L	10 U UG/L		
4-CHLOROPHENYL PHENYL ETHER	10 U UG/L		10 U UG/L	10 U UG/L		
4-NITROANILINE	7.5 UJ UG/L		7.5 U UG/L	7.5 U UG/L		
4-NITROPHENOL	15 U UG/L		15 U UG/L	15 U UG/L		
ACENAPHTHENE	10 U UG/L		10 U UG/L	10 U UG/L		
ACENAPHTHYLENE	10 U UG/L		10 U UG/L	10 U UG/L		
ANTHRACENE	10 U UG/L		10 U UG/L	10 U UG/L		
BENZO(A)ANTHRACENE	0.2 U UG/L		0.2 U UG/L	0.2 U UG/L		
BENZO(A)PYRENE	0.2 U UG/L		0.2 U UG/L	0.2 U UG/L		
BENZO(B)FLUORANTHENE	0.2 U UG/L		0.2 U UG/L	0.2 U UG/L		
BENZO(G,H,I)PERYLENE	10 U UG/L		10 U UG/L	10 U UG/L		
BENZO(K)FLUORANTHENE	0.2 U UG/L		0.2 U UG/L	0.2 U UG/L		

SAMPLE NUMBER	OU2MW03B00	OU2MW03B00-F	OU2MW04A00	OU2MW04A00-D	OU2MW04A00-F	OU2MW04A00-F-D
LAB ID NUMBER	F2742-8	F2742-8AA	F2680-21	F2680-24	F2680-21A	F2680-24A
DATE SAMPLED	8/2/98	8/2/98	7/31/98	7/31/98	7/31/98	7/31/98
PARAMETER	RESULTS	RESULTS	RESULTS	RESULTS	RESULTS	RESULTS
BIS(2-CHLOROETHOXY)METHANE	10 U UG/L		10 U UG/L	10 U UG/L		
BIS(2-CHLOROETHYL)ETHER	1.5 U UG/L		1.5 U UG/L	1.5 U UG/L		
BIS(2-CHLOROISOPROPYL) ETHER	7.5 U UG/L		7.5 U UG/L	7.5 U UG/L		
BIS(2-ETHYLHEXYL)PHTHALATE	6 U UG/L		6 U UG/L	6 U UG/L		
BUTYLBENZYL PHTHALATE	10 U UG/L		10 U UG/L	10 U UG/L		
CARBAZOLE	7.5 U UG/L		7.5 U UG/L	7.5 U UG/L		
CHRYSENE	5 U UG/L		5 U UG/L	5 U UG/L		
DI-N-BUTYL PHTHALATE	10 U UG/L		10 U UG/L	10 U UG/L		
DI-N-OCTYL PHTHALATE	10 U UG/L		10 U UG/L	10 U UG/L		
DIBENZO(A,H)ANTHRACENE	0.2 U UG/L		0.2 U UG/L	0.2 U UG/L		
DIBENZOFURAN	10 U UG/L		10 U UG/L	10 U UG/L		
DIETHYL PHTHALATE	10 U UG/L		10 U UG/L	10 U UG/L		
DIMETHYL PHTHALATE	10 U UG/L		10 U UG/L	10 U UG/L		
FLUORANTHENE	10 U UG/L		10 U UG/L	10 U UG/L		
FLUORENE	10 U UG/L		10 U UG/L	10 U UG/L		
HEXACHLOROBENZENE	1 U UG/L		1 U UG/L	1 U UG/L		
HEXACHLOROBUTADIENE	10 U UG/L		10 U UG/L	10 U UG/L		
HEXACHLOROCYCLOPENTADIENE	10 U UG/L		10 U UG/L	10 U UG/L		
HEXACHLOROETHANE	10 U UG/L		10 U UG/L	10 U UG/L		
INDENO(1,2,3-CD)PYRENE	0.2 U UG/L		0.2 U UG/L	0.2 U UG/L		
ISOPHORONE	10 U UG/L		10 U UG/L	10 U UG/L		
N-NITROSO-DI-N-PROPYLAMINE	1 U UG/L		1 U UG/L	1 U UG/L		
N-NITROSODIPHENYLAMINE	7.5 U UG/L		7.5 U UG/L	7.5 U UG/L		
NAPHTHALENE	4.8 J UG/L		5 U UG/L	5 U UG/L		
NITROBENZENE	10 U UG/L		10 U UG/L	10 U UG/L		
PHENANTHRENE	10 U UG/L		10 U UG/L	10 U UG/L		
PHENOL	10 U UG/L		10 U UG/L	10 U UG/L		
PYRENE	10 U UG/L		10 U UG/L	10 U UG/L		
HERBICIDES						
2,4,5-T	0.047 U UG/L		0.047 U UG/L	0.047 U UG/L		
2,4,5-TP (SILVEX)	0.089 U UG/L		0.089 U UG/L	0.089 U UG/L		
2,4-D	0.19 U UG/L		0.19 U UG/L	0.19 U UG/L		
2,4-DB	0.2 U UG/L		0.2 U UG/L	0.2 U UG/L		
DALAPON	0.4 U UG/L		0.4 U UG/L	0.4 U UG/L		
DICAMBA	0.2 U UG/L		0.2 U UG/L	0.2 U UG/L		
DICHLOROPROP	1 U UG/L		1 U UG/L	1 U UG/L		

SAMPLE NUMBER	OU2MW03B00	OU2MW03B00-F	OU2MW04A00	OU2MW04A00-D	OU2MW04A00-F	OU2MW04A00-F-D
LAB ID NUMBER	F2742-8	F2742-8AA	F2680-21	F2680-24	F2680-21A	F2680-24A
DATE SAMPLED	8/2/98	8/2/98	7/31/98	7/31/98	7/31/98	7/31/98
PARAMETER	RESULTS	RESULTS	RESULTS	RESULTS	RESULTS	RESULTS
DINOSEB	0.2 U UG/L		0.2 U UG/L	0.2 U UG/L		
MCPA	100 U UG/L		100 U UG/L	100 U UG/L		
MCPP	50 U UG/L		50 U UG/L	50 U UG/L		
PENTACHLOROPHENOL	0.1 U UG/L		0.1 U UG/L	0.1 U UG/L		
PESTICIDES/PCBS						
4,4'-DDD	0.10 U UG/L		0.10 U UG/L	0.10 U UG/L		
4,4'-DDE	0.10 U UG/L		0.10 U UG/L	0.10 U UG/L		
4,4'-DDT	0.10 U UG/L		0.10 U UG/L	0.10 U UG/L		
ALDRIN	0.050 U UG/L		0.050 U UG/L	0.050 U UG/L		
ALPHA-BHC	0.050 U UG/L		0.050 U UG/L	0.050 U UG/L		
ALPHA-CHLORDANE	0.10 U UG/L		0.10 U UG/L	0.10 U UG/L		
AROCLOR-1016						
AROCLOR-1221						
AROCLOR-1232						
AROCLOR-1242						
AROCLOR-1248						
AROCLOR-1254						
AROCLOR-1260						
BETA-BHC	0.10 U UG/L		0.10 U UG/L	0.10 U UG/L		
DELTA-BHC	0.050 U UG/L		0.050 U UG/L	0.050 U UG/L		
DIELDRIN	0.10 U UG/L		0.10 U UG/L	0.10 U UG/L		
ENDOSULFAN I	0.050 U UG/L		0.050 U UG/L	0.050 U UG/L		
ENDOSULFAN II	0.10 U UG/L		0.10 U UG/L	0.10 U UG/L		
ENDOSULFAN SULFATE	0.10 U UG/L		0.10 U UG/L	0.10 U UG/L		
ENDRIN	0.10 U UG/L		0.10 U UG/L	0.10 U UG/L		
ENDRIN ALDEHYDE	0.10 U UG/L		0.10 U UG/L	0.10 U UG/L		
ENDRIN KETONE	0.10 U UG/L		0.10 U UG/L	0.10 U UG/L		
GAMMA-BHC (LINDANE)	0.050 U UG/L		0.050 U UG/L	0.050 U UG/L		
GAMMA-CHLORDANE	0.10 U UG/L		0.10 U UG/L	0.10 U UG/L		
HEPTACHLOR	0.050 U UG/L		0.050 U UG/L	0.050 U UG/L		
HEPTACHLOR EPOXIDE	0.050 U UG/L		0.050 U UG/L	0.050 U UG/L		
METHOXYCHLOR	0.50 U UG/L		0.50 U UG/L	0.50 U UG/L		
TOXAPHENE	2.5 U UG/L		2.5 U UG/L	2.5 U UG/L		
PETROLEUM HYDROCARBONS						
TPH (C8-C40)	0.676 MG/L		0.5 U MG/L	0.5 U MG/L		
MISC						

SAMPLE NUMBER	OU2MW03B00	OU2MW03B00-F	OU2MW04A00	OU2MW04A00-D	OU2MW04A00-F	OU2MW04A00-F-D
LAB ID NUMBER	F2742-8	F2742-8AA	F2680-21	F2680-24	F2680-21A	F2680-24A
DATE SAMPLED	8/2/98	8/2/98	7/31/98	7/31/98	7/31/98	7/31/98
PARAMETER	RESULTS	RESULTS	RESULTS	RESULTS	RESULTS	RESULTS
ALKALINITY	11.0 MG/L		5.0 U MG/L	5.0 U MG/L		
BOD-5DAY (TOTAL)	3.8 MG/L		2.0 U MG/L	80.0 MG/L		
CHEMICAL OXYGEN DEMAND	46.0 J MG/L		40.0 MG/L	1.0 MG/L		
CHLORIDE	21.0 MG/L		4.0 U MG/L	1.0 U MG/L		
CYANIDE	0.035 MG/L		0.0050 UJ MG/L	0.0050 UJ MG/L		
HARDNESS as CaCO3	145 MG/L		32.0 MG/L	35.0 MG/L		
NITRATE, AS NITROGEN	0.11 U MG/L		0.58 MG/L	0.62 MG/L		
NITRATE/NITRITE, AS N	0.10 U MG/L		0.61 J MG/L	0.62 J MG/L		
NITRITE, AS NITROGEN	0.010 U MG/L		0.027 MG/L	0.010 U MG/L		
ORTHOPHOSPHATE	0.36 MG/L		0.10 U MG/L	0.10 U MG/L		
PH	5.9		4.7	4.9		
PLATE COUNT, TOTAL	4300 CFU/M		20300 CFU/M	97200 CFU/M		
REDOX POTENTIAL VS H2	285 MV		398 MV	418 MV		
SULFATE	14.0 MG/L		519 U MG/L	100 U MG/L		
TOTAL DISSOLVED SOLIDS	562 MG/L		932 MG/L	1200 MG/L		
TOTAL ORGANIC CARBON	77.1 MG/L		47.6 MG/L	41.0 MG/L		
TOTAL SUSPENDED SOLIDS	1030 MG/L		596 MG/L	458 MG/L		
TURBIDITY	1900 NTU					
METALS (UNFILTERED)						
ALUMINUM	83700 J UG/L		100000 J UG/L	39600 J UG/L		
ANTIMONY	3.8 UR UG/L		3.8 UR UG/L	3.8 UR UG/L		
ARSENIC	13.1 U UG/L		12.5 U UG/L	6.4 U UG/L		
BARIUM	1350 U UG/L		927 J UG/L	871 J UG/L		
BERYLLIUM	12.5 U UG/L		5.3 U UG/L	0.20 UJ UG/L		
CADMIUM	0.50 U UG/L		0.50 UJ UG/L	0.50 UJ UG/L		
CALCIUM	44600 J UG/L		12800 J UG/L	14000 J UG/L		
CHROMIUM	147 J UG/L		98.3 J UG/L	20.5 U UG/L		
COBALT	0.71 UJ UG/L		0.71 UJ UG/L	0.71 UJ UG/L		
COPPER	36.0 UG/L		1.2 UJ UG/L	1.2 UJ UG/L		
IRON	16000 J UG/L		10500 J UG/L	1300 U UG/L		
LEAD	76.0 J UG/L		76.5 J UG/L	45.3 J UG/L		
MAGNESIUM	8210 J UG/L		10.0 UJ UG/L	10.0 UJ UG/L		
MANGANESE	54.1 J UG/L		37.4 J UG/L	28.1 J UG/L		
MERCURY	0.20 U UG/L		0.25 U UG/L	0.25 U UG/L		
NICKEL	1.6 UJ UG/L		1.6 UJ UG/L	1.6 UJ UG/L		
POTASSIUM	8530 J UG/L		25.3 UJ UG/L	25.3 UJ UG/L		

SAMPLE NUMBER	OU2MW03B00	OU2MW03B00-F	OU2MW04A00	OU2MW04A00-D	OU2MW04A00-F	OU2MW04A00-F-D
LAB ID NUMBER	F2742-8	F2742-8AA	F2680-21	F2680-24	F2680-21A	F2680-24A
DATE SAMPLED	8/2/98	8/2/98	7/31/98	7/31/98	7/31/98	7/31/98
PARAMETER	RESULTS	RESULTS	RESULTS	RESULTS	RESULTS	RESULTS
SELENIUM	2.3 U UG/L		14.3 U UG/L	2.3 UJ UG/L		
SILVER	1.8 UJ UG/L		1.8 U UG/L	1.8 UJ UG/L		
SODIUM	29400 J UG/L		332 UJ UG/L	332 UJ UG/L		
THALLIUM	3.9 U UG/L		3.9 UJ UG/L	3.9 UJ UG/L		
VANADIUM	222 J UG/L		154 J UG/L	1.1 UJ UG/L		
ZINC	169 U UG/L		264 U UG/L	252 U UG/L		
METALS (DISSOLVED)						
ALUMINUM		2430 J UG/L			4250 J UG/L	2850 J UG/L
ANTIMONY		5.6 U UG/L			3.8 UJ UG/L	3.8 UJ UG/L
ARSENIC		3.1 U UG/L			3.1 U UG/L	3.1 U UG/L
BARIUM		310 U UG/L			0.47 UJ UG/L	0.47 UJ UG/L
BERYLLIUM		0.20 U UG/L			0.20 UJ UG/L	0.20 UJ UG/L
CADMIUM		0.50 U UG/L			0.50 UJ UG/L	0.50 UJ UG/L
CALCIUM		27400 J UG/L			6.7 UJ UG/L	6.7 UJ UG/L
CHROMIUM		61.4 J UG/L			0.96 UJ UG/L	0.96 UJ UG/L
COBALT		0.71 UJ UG/L			0.71 UJ UG/L	0.71 UJ UG/L
COPPER		58.0 UG/L			1.2 UJ UG/L	1.2 UJ UG/L
IRON		7410 J UG/L			2050 U UG/L	1920 U UG/L
LEAD		7.7 U UG/L			3.3 U UG/L	5.1 U UG/L
MAGNESIUM		6500 J UG/L			10.0 UJ UG/L	10.0 UJ UG/L
MANGANESE		73.5 J UG/L			16.6 U UG/L	0.39 UJ UG/L
MERCURY		0.20 U UG/L			0.25 U UG/L	0.25 U UG/L
NICKEL		1.6 UJ UG/L			1.6 UJ UG/L	1.6 UJ UG/L
POTASSIUM		9440 J UG/L			25.3 UJ UG/L	25.3 UJ UG/L
SELENIUM		2.3 U UG/L			2.3 UJ UG/L	2.3 UJ UG/L
SILVER		1.8 UJ UG/L			1.8 UJ UG/L	1.8 UJ UG/L
SODIUM		39700 J UG/L			332 UR UG/L	332 UR UG/L
THALLIUM		3.9 U UG/L			3.9 U UG/L	3.9 U UG/L
VANADIUM		1.1 UJ UG/L			1.1 UJ UG/L	1.1 UJ UG/L
ZINC		180 U UG/L			193 U UG/L	218 U UG/L
RADIOLOGICAL						
CESIUM-137						
COBALT-60						
GROSS ALPHA	40.3+/-2.9 pCi/L		6.3+/-0.8 pCi/L	31.4+/-1.6 pCi/L		
GROSS BETA	21.2+/-1.6 pCi/L		8.7+/-0.9 pCi/L	16.0+/-1.1 pCi/L		

SAMPLE NUMBER	OU2MW04B00	OU2MW04B00-F	OU2MW05A00	OU2MW05A00-F	OU2MW05B00	OU2MW05B00-D
LAB ID NUMBER	F2680-22	F2680-22A	F2680-13	F2680-13A	F2680-15	F2680-18
DATE SAMPLED	7/31/98	7/31/98	7/29/98	7/29/98	7/30/98	7/30/98
PARAMETER	RESULTS	RESULTS	RESULTS	RESULTS	RESULTS	RESULTS
VOLATILES						
1,1,1-TRICHLOROETHANE	2 U UG/L		2 U UG/L		2 U UG/L	2 U UG/L
1,1,2,2-TETRACHLOROETHANE	1 U UG/L		1 U UG/L		1 U UG/L	1 U UG/L
1,1,2-TRICHLOROETHANE	2 U UG/L		2 U UG/L		2 U UG/L	2 U UG/L
1,1-DICHLOROETHANE	2 U UG/L		2 U UG/L		2 U UG/L	2 U UG/L
1,1-DICHLOROETHENE	2 U UG/L		2 U UG/L		2 U UG/L	2 U UG/L
1,2-DICHLOROETHANE	2 U UG/L		2 U UG/L		2 U UG/L	2 U UG/L
1,2-DICHLOROPROPANE	2 U UG/L		2 U UG/L		2 U UG/L	2 U UG/L
2-BUTANONE	10 UR UG/L		10 UR UG/L		10 UR UG/L	10 UR UG/L
2-HEXANONE	10 U UG/L		10 U UG/L		10 U UG/L	10 U UG/L
4-METHYL-2-PENTANONE	10 U UG/L		10 U UG/L		10 U UG/L	10 U UG/L
ACETONE	48.3 J UG/L		50 UR UG/L		50 UR UG/L	50 UR UG/L
BENZENE	0.79 J UG/L		1 U UG/L		1 U UG/L	1 U UG/L
BROMODICHLOROMETHANE	1 U UG/L		1 U UG/L		1 U UG/L	1 U UG/L
BROMOFORM	2 U UG/L		2 U UG/L		2 U UG/L	2 U UG/L
BROMOMETHANE	5 U UG/L		5 UJ UG/L		5 UJ UG/L	5 U UG/L
CARBON DISULFIDE	10 U UG/L		10 U UG/L		10 U UG/L	10 U UG/L
CARBON TETRACHLORIDE	2 U UG/L		2 U UG/L		2 U UG/L	2 U UG/L
CHLOROBENZENE	1.8 J UG/L		2 U UG/L		2 U UG/L	2 U UG/L
CHLOROETHANE	2 U UG/L		2 U UG/L		2 U UG/L	2 U UG/L
CHLOROFORM	2 U UG/L		2 U UG/L		2 U UG/L	2 U UG/L
CHLOROMETHANE	2 U UG/L		2 UJ UG/L		2 UJ UG/L	2 U UG/L
CIS-1,2-DICHLOROETHENE	2 U UG/L		2 U UG/L		2 U UG/L	2 U UG/L
CIS-1,3-DICHLOROPROPENE	2 U UG/L		2 U UG/L		2 U UG/L	2 U UG/L
DIBROMOCHLOROMETHANE	1 U UG/L		1 U UG/L		1 U UG/L	1 U UG/L
ETHYLBENZENE	2 U UG/L		2 U UG/L		2 U UG/L	2 U UG/L
METHANE	372 UG/L		50 U UG/L		715 UG/L	525 UG/L
METHYLENE CHLORIDE	5 U UG/L		5 U UG/L		5 U UG/L	5 U UG/L
STYRENE	2 U UG/L		2 U UG/L		2 U UG/L	2 U UG/L
TETRACHLOROETHENE	2 U UG/L		2 U UG/L		2 U UG/L	2 U UG/L
TOLUENE	2 U UG/L		2 U UG/L		2 U UG/L	2 U UG/L
TRANS-1,2-DICHLOROETHENE	2 U UG/L		2 U UG/L		2 U UG/L	2 U UG/L
TRANS-1,3-DICHLOROPROPENE	1 U UG/L		1 U UG/L		1 U UG/L	1 U UG/L
TRICHLOROETHENE	2 U UG/L		2 U UG/L		2 U UG/L	2 U UG/L
VINYL CHLORIDE	1 U UG/L		1 U UG/L		1 U UG/L	1 U UG/L
XYLENES, TOTAL	6 U UG/L		6 U UG/L		6 U UG/L	6 U UG/L

SAMPLE NUMBER	OU2MW04B00	OU2MW04B00-F	OU2MW05A00	OU2MW05A00-F	OU2MW05B00	OU2MW05B00-D
LAB ID NUMBER	F2680-22	F2680-22A	F2680-13	F2680-13A	F2680-15	F2680-18
DATE SAMPLED	7/31/98	7/31/98	7/29/98	7/29/98	7/30/98	7/30/98
PARAMETER	RESULTS	RESULTS	RESULTS	RESULTS	RESULTS	RESULTS
SEMIVOLATILES						
1,2,4-TRICHLOROBENZENE	10 U UG/L		10 U UG/L		10 U UG/L	10 U UG/L
1,2-DICHLOROBENZENE	10 U UG/L		10 U UG/L		10 U UG/L	10 U UG/L
1,3-DICHLOROBENZENE	10 U UG/L		10 U UG/L		10 U UG/L	10 U UG/L
1,4-DICHLOROBENZENE	10 U UG/L		10 U UG/L		10 U UG/L	10 U UG/L
2,4,5-TRICHLOROPHENOL	4 U UG/L		4 U UG/L		4 U UG/L	4 U UG/L
2,4,6-TRICHLOROPHENOL	4 U UG/L		4 U UG/L		4 U UG/L	4 U UG/L
2,4-DICHLOROPHENOL	4 U UG/L		4 U UG/L		4 U UG/L	4 U UG/L
2,4-DIMETHYLPHENOL	10 U UG/L		10 U UG/L		10 U UG/L	10 U UG/L
2,4-DINITROPHENOL	25 U UG/L		25 U UG/L		25 U UG/L	25 U UG/L
2,4-DINITROTOLUENE	0.2 U UG/L		0.2 U UG/L		0.2 U UG/L	0.2 U UG/L
2,6-DINITROTOLUENE	0.2 U UG/L		0.2 U UG/L		0.2 U UG/L	0.2 U UG/L
2-CHLORONAPHTHALENE	10 U UG/L		10 U UG/L		10 U UG/L	10 U UG/L
2-CHLOROPHENOL	10 U UG/L		10 U UG/L		10 U UG/L	10 U UG/L
2-METHYLNAPHTHALENE	10 U UG/L		10 U UG/L		10 U UG/L	10 U UG/L
2-METHYLPHENOL	10 U UG/L		10 U UG/L		10 U UG/L	10 U UG/L
2-NITROANILINE	7.5 U UG/L		7.5 U UG/L		7.5 U UG/L	7.5 U UG/L
2-NITROPHENOL	10 U UG/L		10 U UG/L		10 U UG/L	10 U UG/L
3&4-METHYLPHENOL	10 U UG/L		10 U UG/L		10 U UG/L	10 U UG/L
3,3'-DICHLOROBENZIDINE	7.5 U UG/L		7.5 U UG/L		7.5 U UG/L	7.5 U UG/L
3-NITROANILINE	7.5 U UG/L		7.5 U UG/L		7.5 U UG/L	7.5 U UG/L
4,6-DINITRO-2-METHYLPHENOL	10 U UG/L		10 U UG/L		10 U UG/L	10 U UG/L
4-BROMOPHENYL PHENYL ETHER	10 U UG/L		10 U UG/L		10 U UG/L	10 U UG/L
4-CHLORO-3-METHYLPHENOL	10 U UG/L		10 U UG/L		10 U UG/L	10 U UG/L
4-CHLOROANILINE	10 U UG/L		10 U UG/L		10 U UG/L	10 U UG/L
4-CHLOROPHENYL PHENYL ETHER	10 U UG/L		10 U UG/L		10 U UG/L	10 U UG/L
4-NITROANILINE	7.5 U UG/L		7.5 U UG/L		7.5 U UG/L	7.5 U UG/L
4-NITROPHENOL	15 U UG/L		15 U UG/L		15 U UG/L	15 U UG/L
ACENAPHTHENE	10 U UG/L		10 U UG/L		10 U UG/L	10 U UG/L
ACENAPHTHYLENE	10 U UG/L		10 U UG/L		10 U UG/L	10 U UG/L
ANTHRACENE	10 U UG/L		10 U UG/L		10 U UG/L	10 U UG/L
BENZO(A)ANTHRACENE	0.2 U UG/L		0.2 U UG/L		0.2 U UG/L	0.2 U UG/L
BENZO(A)PYRENE	0.2 U UG/L		0.2 U UG/L		0.2 U UG/L	0.2 U UG/L
BENZO(B)FLUORANTHENE	0.2 U UG/L		0.2 U UG/L		0.2 U UG/L	0.2 U UG/L
BENZO(G,H,I)PERYLENE	10 U UG/L		10 U UG/L		10 U UG/L	10 U UG/L
BENZO(K)FLUORANTHENE	0.2 U UG/L		0.2 U UG/L		0.2 U UG/L	0.2 U UG/L

SAMPLE NUMBER	OU2MW04B00	OU2MW04B00-F	OU2MW05A00	OU2MW05A00-F	OU2MW05B00	OU2MW05B00-D
LAB ID NUMBER	F2680-22	F2680-22A	F2680-13	F2680-13A	F2680-15	F2680-18
DATE SAMPLED	7/31/98	7/31/98	7/29/98	7/29/98	7/30/98	7/30/98
PARAMETER	RESULTS	RESULTS	RESULTS	RESULTS	RESULTS	RESULTS
BIS(2-CHLOROETHOXY)METHANE	10 U UG/L		10 U UG/L		10 U UG/L	10 U UG/L
BIS(2-CHLOROETHYL)ETHER	1.5 U UG/L		1.5 U UG/L		1.5 U UG/L	1.5 U UG/L
BIS(2-CHLOROISOPROPYL) ETHER	7.5 U UG/L		7.5 U UG/L		7.5 U UG/L	7.5 U UG/L
BIS(2-ETHYLHEXYL)PHTHALATE	6 U UG/L		6 U UG/L		6 U UG/L	6 U UG/L
BUTYLBENZYL PHTHALATE	10 U UG/L		10 U UG/L		10 U UG/L	10 U UG/L
CARBAZOLE	7.5 U UG/L		7.5 U UG/L		7.5 U UG/L	7.5 U UG/L
CHRYSENE	5 U UG/L		5 U UG/L		5 U UG/L	5 U UG/L
DI-N-BUTYL PHTHALATE	10 U UG/L		10 U UG/L		10 U UG/L	10 U UG/L
DI-N-OCTYL PHTHALATE	10 U UG/L		10 U UG/L		10 U UG/L	10 U UG/L
DIBENZO(A,H)ANTHRACENE	0.2 U UG/L		0.2 U UG/L		0.2 U UG/L	0.2 U UG/L
DIBENZOFURAN	10 U UG/L		10 U UG/L		10 U UG/L	10 U UG/L
DIETHYL PHTHALATE	10 U UG/L		10 U UG/L		10 U UG/L	10 U UG/L
DIMETHYL PHTHALATE	10 U UG/L		10 U UG/L		10 U UG/L	10 U UG/L
FLUORANTHENE	10 U UG/L		10 U UG/L		10 U UG/L	10 U UG/L
FLUORENE	10 U UG/L		10 U UG/L		10 U UG/L	10 U UG/L
HEXACHLOROBENZENE	1 U UG/L		1 U UG/L		1 U UG/L	1 U UG/L
HEXACHLOROBUTADIENE	10 U UG/L		10 U UG/L		10 U UG/L	10 U UG/L
HEXACHLOROCYCLOPENTADIENE	10 U UG/L		10 U UG/L		10 U UG/L	10 U UG/L
HEXACHLOROETHANE	10 U UG/L		10 U UG/L		10 U UG/L	10 U UG/L
INDENO(1,2,3-CD)PYRENE	0.2 U UG/L		0.2 U UG/L		0.2 U UG/L	0.2 U UG/L
ISOPHORONE	10 U UG/L		10 U UG/L		10 U UG/L	10 U UG/L
N-NITROSO-DI-N-PROPYLAMINE	1 U UG/L		1 U UG/L		1 U UG/L	1 U UG/L
N-NITROSODIPHENYLAMINE	7.5 U UG/L		7.5 U UG/L		7.5 U UG/L	7.5 U UG/L
NAPHTHALENE	5 U UG/L		5 U UG/L		5 U UG/L	5 U UG/L
NITROBENZENE	10 U UG/L		10 U UG/L		10 U UG/L	10 U UG/L
PHENANTHRENE	10 U UG/L		10 U UG/L		10 U UG/L	10 U UG/L
PHENOL	10 U UG/L		10 U UG/L		10 U UG/L	10 U UG/L
PYRENE	10 U UG/L		10 U UG/L		10 U UG/L	10 U UG/L
HERBICIDES						
2,4,5-T	0.047 U UG/L		0.047 U UG/L		0.047 U UG/L	0.047 U UG/L
2,4,5-TP (SILVEX)	0.089 U UG/L		0.089 U UG/L		0.089 U UG/L	0.089 U UG/L
2,4-D	0.19 U UG/L		0.19 U UG/L		0.19 U UG/L	0.19 U UG/L
2,4-DB	0.2 U UG/L		0.2 U UG/L		0.2 U UG/L	0.2 U UG/L
DALAPON	0.4 U UG/L		0.4 U UG/L		0.4 U UG/L	0.4 U UG/L
DICAMBA	0.2 U UG/L		0.2 U UG/L		0.2 U UG/L	0.2 U UG/L
DICHLOROPROP	1 U UG/L		1 U UG/L		1 U UG/L	1 U UG/L

SAMPLE NUMBER	OU2MW04B00	OU2MW04B00-F	OU2MW05A00	OU2MW05A00-F	OU2MW05B00	OU2MW05B00-D
LAB ID NUMBER	F2680-22	F2680-22A	F2680-13	F2680-13A	F2680-15	F2680-18
DATE SAMPLED	7/31/98	7/31/98	7/29/98	7/29/98	7/30/98	7/30/98
PARAMETER	RESULTS	RESULTS	RESULTS	RESULTS	RESULTS	RESULTS
DINOSEB	0.2 U UG/L		0.2 U UG/L		0.2 U UG/L	0.2 U UG/L
MCPA	100 U UG/L		100 U UG/L		100 U UG/L	100 U UG/L
MCPP	50 U UG/L		50 U UG/L		50 U UG/L	50 U UG/L
PENTACHLOROPHENOL	0.1 U UG/L		0.1 U UG/L		0.1 U UG/L	0.1 U UG/L
PESTICIDES/PCBS						
4,4'-DDD	0.10 UJ UG/L		0.10 U UG/L		0.10 U UG/L	0.10 UJ UG/L
4,4'-DDE	0.10 UJ UG/L		0.10 U UG/L		0.10 U UG/L	0.10 UJ UG/L
4,4'-DDT	0.10 UJ UG/L		0.10 U UG/L		0.10 U UG/L	0.10 UJ UG/L
ALDRIN	0.050 UJ UG/L		0.050 U UG/L		0.050 U UG/L	0.050 UJ UG/L
ALPHA-BHC	0.050 UJ UG/L		0.050 U UG/L		0.050 U UG/L	0.050 UJ UG/L
ALPHA-CHLORDANE	0.10 UJ UG/L		0.10 U UG/L		0.10 U UG/L	0.10 UJ UG/L
AROCLOR-1016						
AROCLOR-1221						
AROCLOR-1232						
AROCLOR-1242						
AROCLOR-1248						
AROCLOR-1254						
AROCLOR-1260						
BETA-BHC	0.10 UJ UG/L		0.10 U UG/L		0.10 U UG/L	0.10 UJ UG/L
DELTA-BHC	0.050 UJ UG/L		0.050 U UG/L		0.050 U UG/L	0.050 UJ UG/L
DIELDRIN	0.10 UJ UG/L		0.10 U UG/L		0.10 U UG/L	0.10 UJ UG/L
ENDOSULFAN I	0.050 UJ UG/L		0.050 U UG/L		0.050 U UG/L	0.050 UJ UG/L
ENDOSULFAN II	0.10 UJ UG/L		0.10 U UG/L		0.10 U UG/L	0.10 UJ UG/L
ENDOSULFAN SULFATE	0.10 UJ UG/L		0.10 U UG/L		0.10 U UG/L	0.10 UJ UG/L
ENDRIN	0.10 UJ UG/L		0.10 U UG/L		0.10 U UG/L	0.10 UJ UG/L
ENDRIN ALDEHYDE	0.10 UJ UG/L		0.10 U UG/L		0.10 U UG/L	0.10 UJ UG/L
ENDRIN KETONE	0.10 UJ UG/L		0.10 U UG/L		0.10 U UG/L	0.10 UJ UG/L
GAMMA-BHC (LINDANE)	0.050 UJ UG/L		0.050 U UG/L		0.050 U UG/L	0.050 UJ UG/L
GAMMA-CHLORDANE	0.10 UJ UG/L		0.10 U UG/L		0.10 U UG/L	0.10 UJ UG/L
HEPTACHLOR	0.050 UJ UG/L		0.050 U UG/L		0.050 U UG/L	0.050 UJ UG/L
HEPTACHLOR EPOXIDE	0.050 UJ UG/L		0.050 U UG/L		0.050 U UG/L	0.050 UJ UG/L
METHOXYCHLOR	0.50 UJ UG/L		0.50 U UG/L		0.50 U UG/L	0.50 UJ UG/L
TOXAPHENE	2.5 UJ UG/L		2.5 U UG/L		2.5 U UG/L	2.5 UJ UG/L
PETROLEUM HYDROCARBONS						
TPH (C8-C40)	0.5 UJ MG/L		0.5 U MG/L		0.5 U MG/L	0.5 U MG/L
MISC						

SAMPLE NUMBER	OU2MW04B00	OU2MW04B00-F	OU2MW05A00	OU2MW05A00-F	OU2MW05B00	OU2MW05B00-D
LAB ID NUMBER	F2680-22	F2680-22A	F2680-13	F2680-13A	F2680-15	F2680-18
DATE SAMPLED	7/31/98	7/31/98	7/29/98	7/29/98	7/30/98	7/30/98
PARAMETER	RESULTS	RESULTS	RESULTS	RESULTS	RESULTS	RESULTS
ALKALINITY	187 MG/L		5.0 U MG/L		11.0 MG/L	8.0 MG/L
BOD-5DAY (TOTAL)	4.4 MG/L		5.0 U MG/L		30.5 MG/L	31.5 MG/L
CHEMICAL OXYGEN DEMAND	176 MG/L		20.0 UJ MG/L		102 J MG/L	20.0 UJ MG/L
CHLORIDE	2.0 U MG/L		50.5 U MG/L		13.5 U MG/L	1.6 U MG/L
CYANIDE	0.0050 UJ MG/L		0.0050 U MG/L		0.0050 U MG/L	0.0050 UJ MG/L
HARDNESS as CaCO3	143 MG/L		50.5 MG/L		71.6 MG/L	22.2 MG/L
NITRATE, AS NITROGEN	0.20 U MG/L		0.38 MG/L		0.16 MG/L	0.14 MG/L
NITRATE/NITRITE, AS N	0.11 J MG/L		0.38 MG/L		0.16 J MG/L	0.14 J MG/L
NITRITE, AS NITROGEN	0.10 U MG/L		0.01 U MG/L		0.010 U MG/L	0.010 U MG/L
ORTHOPHOSPHATE	0.48 MG/L		0.10 U MG/L		0.10 U MG/L	0.13 MG/L
PH	6.3		4.8		5.2	5.2
PLATE COUNT, TOTAL	11300 CFU/M		2600 CFU/M		38700 CFU/M	14500 CFU/M
REDOX POTENTIAL VS H2	247 MV		219 MV		162 MV	132 MV
SULFATE	195 U MG/L		18.0 U MG/L		10.0 U MG/L	20.0 U MG/L
TOTAL DISSOLVED SOLIDS	4380 MG/L		126 MG/L		516 MG/L	392 MG/L
TOTAL ORGANIC CARBON	522 MG/L		9.0 MG/L		62.4 MG/L	28.3 MG/L
TOTAL SUSPENDED SOLIDS	6140 MG/L		11.0 MG/L		618 MG/L	1290 MG/L
TURBIDITY						
METALS (UNFILTERED)						
ALUMINUM	227000 J UG/L		1610 U UG/L		74400 J UG/L	22400 J UG/L
ANTIMONY	3.8 UR UG/L		6.0 U UG/L		6.1 U UG/L	7.8 U UG/L
ARSENIC	32.9 J UG/L		3.1 UJ UG/L		17.7 U UG/L	3.1 UJ UG/L
BARIUM	3240 J UG/L		0.47 UJ UG/L		1590 J UG/L	3700 J UG/L
BERYLLIUM	15.9 U UG/L		0.20 UJ UG/L		6.4 U UG/L	0.20 UJ UG/L
CADMIUM	4.0 U UG/L		0.50 UJ UG/L		0.50 UJ UG/L	0.50 UJ UG/L
CALCIUM	44400 J UG/L		10600 J UG/L		18200 J UG/L	8910 J UG/L
CHROMIUM	280 J UG/L		10.3 U UG/L		95.2 J UG/L	34.3 J UG/L
COBALT	0.71 UJ UG/L		0.71 UJ UG/L		0.71 UJ UG/L	0.71 UJ UG/L
COPPER	75.8 J UG/L		1.2 UJ UG/L		61.2 J UG/L	29.1 J UG/L
IRON	20000 J UG/L		2500 U UG/L		7920 J UG/L	3980 U UG/L
LEAD	182 J UG/L		3.6 U UG/L		93.9 J UG/L	25.6 J UG/L
MAGNESIUM	7780 J UG/L		5830 J UG/L		6360 J UG/L	10.0 UJ UG/L
MANGANESE	65.6 J UG/L		0.39 UJ UG/L		31.7 J UG/L	18.1 U UG/L
MERCURY	0.25 U UG/L		0.25 U UG/L		0.25 U UG/L	0.25 U UG/L
NICKEL	42.6 J UG/L		1.6 UJ UG/L		1.6 UJ UG/L	1.6 UJ UG/L
POTASSIUM	10600 J UG/L		25.3 UJ UG/L		25.3 UJ UG/L	25.3 UJ UG/L

SAMPLE NUMBER	OU2MW04B00	OU2MW04B00-F	OU2MW05A00	OU2MW05A00-F	OU2MW05B00	OU2MW05B00-D
LAB ID NUMBER	F2680-22	F2680-22A	F2680-13	F2680-13A	F2680-15	F2680-18
DATE SAMPLED	7/31/98	7/31/98	7/29/98	7/29/98	7/30/98	7/30/98
PARAMETER	RESULTS	RESULTS	RESULTS	RESULTS	RESULTS	RESULTS
SELENIUM	16.2 U UG/L		6.6 U UG/L		55.3 J UG/L	10.7 U UG/L
SILVER	1.8 UJ UG/L		1.8 UJ UG/L		1.8 UJ UG/L	1.8 UJ UG/L
SODIUM	34400 J UG/L		24700 J UG/L		10600 J UG/L	8630 J UG/L
THALLIUM	3.9 UJ UG/L		3.9 UJ UG/L		3.9 UJ UG/L	3.9 UJ UG/L
VANADIUM	330 J UG/L		1.1 UJ UG/L		79.9 J UG/L	1.1 UJ UG/L
ZINC	137 U UG/L		212 U UG/L		564 U UG/L	210 U UG/L
METALS (DISSOLVED)						
ALUMINUM		52600 J UG/L		471 U UG/L		
ANTIMONY		6.8 U UG/L		3.8 UJ UG/L		
ARSENIC		8.9 U UG/L		3.12 U UG/L		
BARIUM		804 J UG/L		0.47 UJ UG/L		
BERYLLIUM		0.20 UJ UG/L		0.20 UJ UG/L		
CADMIUM		0.50 UJ UG/L		0.50 UJ UG/L		
CALCIUM		27100 J UG/L		9480 J UG/L		
CHROMIUM		73.2 J UG/L		17.2 U UG/L		
COBALT		0.71 UJ UG/L		0.71 UJ UG/L		
COPPER		1.2 UJ UG/L		1.2 UJ UG/L		
IRON		7340 J UG/L		2110 U UG/L		
LEAD		42.4 J UG/L		4.5 U UG/L		
MAGNESIUM		6710 J UG/L		5220 J UG/L		
MANGANESE		56.0 J UG/L		22.2 J UG/L		
MERCURY		0.25 U UG/L		0.25 U UG/L		
NICKEL		1.6 UJ UG/L		1.6 UJ UG/L		
POTASSIUM		17500 J UG/L		25.3 UJ UG/L		
SELENIUM		2.3 UJ UG/L		2.32 UJ UG/L		
SILVER		1.8 UJ UG/L		20.9 J UG/L		
SODIUM		72600 J UG/L		21400 J UG/L		
THALLIUM		3.9 U UG/L		3.9 U UG/L		
VANADIUM		91.5 J UG/L		1.1 UJ UG/L		
ZINC		204 U UG/L		221 U UG/L		
RADIOLOGICAL						
CESIUM-137						
COBALT-60						
GROSS ALPHA	120+/-6.5 pCi/L		7.4+/-1.0 pCi/L		26.2+/-1.6 pCi/L	26.1+/-1.6 pCi/L
GROSS BETA	71.9+/-3.3 pCi/L		9.8+/-1.0 pCi/L		10.9+/-1.0 pCi/L	8.4+/-0.9 pCi/L

SAMPLE NUMBER	OU2MW05B00-F	OU2MW05B00-F-D	OU2MW06A00	OU2MW06A00-F	OU2MW06B00	OU2MW06B00-F
LAB ID NUMBER	F2680-15A	F2680-18A	F2742-3	F2742-3AA	F2742-2	F2742-2AA
DATE SAMPLED	7/30/98	7/30/98	8/1/98	8/1/98	8/1/98	8/1/98
PARAMETER	RESULTS	RESULTS	RESULTS	RESULTS	RESULTS	RESULTS
VOLATILES						
1,1,1-TRICHLOROETHANE			2 U UG/L		2 U UG/L	
1,1,2,2-TETRACHLOROETHANE			1 U UG/L		1 U UG/L	
1,1,2-TRICHLOROETHANE			2 U UG/L		2 U UG/L	
1,1-DICHLOROETHANE			2 U UG/L		2 U UG/L	
1,1-DICHLOROETHENE			2 U UG/L		2 U UG/L	
1,2-DICHLOROETHANE			2 U UG/L		2 U UG/L	
1,2-DICHLOROPROPANE			2 U UG/L		2 U UG/L	
2-BUTANONE			10 UR UG/L		10 UR UG/L	
2-HEXANONE			10 U UG/L		10 U UG/L	
4-METHYL-2-PENTANONE			10 U UG/L		10 U UG/L	
ACETONE			50 UR UG/L		50 UR UG/L	
BENZENE			1 U UG/L		1 U UG/L	
BROMODICHLOROMETHANE			1 U UG/L		1 U UG/L	
BROMOFORM			2 U UG/L		2 U UG/L	
BROMOMETHANE			5 U UG/L		5 U UG/L	
CARBON DISULFIDE			10 U UG/L		10 U UG/L	
CARBON TETRACHLORIDE			2 U UG/L		2 U UG/L	
CHLOROBENZENE			2 U UG/L		2 U UG/L	
CHLOROETHANE			2 U UG/L		2 U UG/L	
CHLOROFORM			2 U UG/L		2 U UG/L	
CHLOROMETHANE			2 U UG/L		2 U UG/L	
CIS-1,2-DICHLOROETHENE			2 U UG/L		2 U UG/L	
CIS-1,3-DICHLOROPROPENE			2 U UG/L		2 U UG/L	
DIBROMOCHLOROMETHANE			1 U UG/L		1 U UG/L	
ETHYLBENZENE			2 U UG/L		2 U UG/L	
METHANE			349 UG/L		140 UG/L	
METHYLENE CHLORIDE			5 U UG/L		5 U UG/L	
STYRENE			2 U UG/L		2 U UG/L	
TETRACHLOROETHENE			2 U UG/L		2 U UG/L	
TOLUENE			2 U UG/L		2 U UG/L	
TRANS-1,2-DICHLOROETHENE			2 U UG/L		2 U UG/L	
TRANS-1,3-DICHLOROPROPENE			1 U UG/L		1 U UG/L	
TRICHLOROETHENE			2 U UG/L		2 U UG/L	
VINYL CHLORIDE			1 U UG/L		1 U UG/L	
XYLENES, TOTAL			6 U UG/L		6 U UG/L	

SAMPLE NUMBER	OU2MW05B00-F	OU2MW05B00-F-D	OU2MW06A00	OU2MW06A00-F	OU2MW06B00	OU2MW06B00-F
LAB ID NUMBER	F2680-15A	F2680-18A	F2742-3	F2742-3AA	F2742-2	F2742-2AA
DATE SAMPLED	7/30/98	7/30/98	8/1/98	8/1/98	8/1/98	8/1/98
PARAMETER	RESULTS	RESULTS	RESULTS	RESULTS	RESULTS	RESULTS
SEMIVOLATILES						
1,2,4-TRICHLOROBENZENE			10 U UG/L		10 U UG/L	
1,2-DICHLOROBENZENE			10 U UG/L		10 U UG/L	
1,3-DICHLOROBENZENE			10 U UG/L		10 U UG/L	
1,4-DICHLOROBENZENE			10 U UG/L		10 U UG/L	
2,4,5-TRICHLOROPHENOL			4 U UG/L		40 UR UG/L	
2,4,6-TRICHLOROPHENOL			4 U UG/L		40 UR UG/L	
2,4-DICHLOROPHENOL			4 U UG/L		40 UR UG/L	
2,4-DIMETHYLPHENOL			10 U UG/L		100 UR UG/L	
2,4-DINITROPHENOL			25 U UG/L		250 UR UG/L	
2,4-DINITROTOLUENE			0.2 UJ UG/L		0.2 UJ UG/L	
2,6-DINITROTOLUENE			0.2 U UG/L		0.2 U UG/L	
2-CHLORONAPHTHALENE			10 U UG/L		10 U UG/L	
2-CHLOROPHENOL			10 U UG/L		100 UR UG/L	
2-METHYLNAPHTHALENE			10 U UG/L		10 U UG/L	
2-METHYLPHENOL			10 U UG/L		100 UR UG/L	
2-NITROANILINE			7.5 U UG/L		7.5 U UG/L	
2-NITROPHENOL			10 U UG/L		100 UR UG/L	
3&4-METHYLPHENOL			10 U UG/L		100 UR UG/L	
3,3'-DICHLOROBENZIDINE			7.5 U UG/L		7.5 U UG/L	
3-NITROANILINE			7.5 U UG/L		7.5 U UG/L	
4,6-DINITRO-2-METHYLPHENOL			10 U UG/L		100 UR UG/L	
4-BROMOPHENYL PHENYL ETHER			10 U UG/L		10 U UG/L	
4-CHLORO-3-METHYLPHENOL			10 U UG/L		100 UR UG/L	
4-CHLOROANILINE			10 U UG/L		10 U UG/L	
4-CHLOROPHENYL PHENYL ETHER			10 U UG/L		10 U UG/L	
4-NITROANILINE			7.5 U UG/L		7.5 U UG/L	
4-NITROPHENOL			15 U UG/L		150 UR UG/L	
ACENAPHTHENE			10 U UG/L		10 U UG/L	
ACENAPHTHYLENE			10 U UG/L		10 U UG/L	
ANTHRACENE			10 U UG/L		10 U UG/L	
BENZO(A)ANTHRACENE			0.2 U UG/L		0.2 U UG/L	
BENZO(A)PYRENE			0.2 U UG/L		0.2 U UG/L	
BENZO(B)FLUORANTHENE			0.2 U UG/L		0.2 U UG/L	
BENZO(G,H,I)PERYLENE			10 U UG/L		10 U UG/L	
BENZO(K)FLUORANTHENE			0.2 U UG/L		0.2 U UG/L	

SAMPLE NUMBER	OU2MW05B00-F	OU2MW05B00-F-D	OU2MW06A00	OU2MW06A00-F	OU2MW06B00	OU2MW06B00-F
LAB ID NUMBER	F2680-15A	F2680-18A	F2742-3	F2742-3AA	F2742-2	F2742-2AA
DATE SAMPLED	7/30/98	7/30/98	8/1/98	8/1/98	8/1/98	8/1/98
PARAMETER	RESULTS	RESULTS	RESULTS	RESULTS	RESULTS	RESULTS
BIS(2-CHLOROETHOXY)METHANE			10 U UG/L		10 U UG/L	
BIS(2-CHLOROETHYL)ETHER			1.5 U UG/L		1.5 U UG/L	
BIS(2-CHLOROISOPROPYL) ETHER			7.5 U UG/L		7.5 U UG/L	
BIS(2-ETHYLHEXYL)PHTHALATE			6 U UG/L		6 U UG/L	
BUTYLBENZYL PHTHALATE			10 U UG/L		10 U UG/L	
CARBAZOLE			7.5 U UG/L		7.5 U UG/L	
CHRYSENE			5 U UG/L		5 U UG/L	
DI-N-BUTYL PHTHALATE			10 U UG/L		10 U UG/L	
DI-N-OCTYL PHTHALATE			10 U UG/L		10 U UG/L	
DIBENZO(A,H)ANTHRACENE			0.2 U UG/L		0.2 U UG/L	
DIBENZOFURAN			10 U UG/L		10 U UG/L	
DIETHYL PHTHALATE			10 U UG/L		10 U UG/L	
DIMETHYL PHTHALATE			10 U UG/L		10 U UG/L	
FLUORANTHENE			10 U UG/L		10 U UG/L	
FLUORENE			10 U UG/L		10 U UG/L	
HEXACHLOROBENZENE			1 U UG/L		1 U UG/L	
HEXACHLOROBUTADIENE			10 U UG/L		10 U UG/L	
HEXACHLOROCYCLOPENTADIENE			10 U UG/L		10 U UG/L	
HEXACHLOROETHANE			10 U UG/L		10 U UG/L	
INDENO(1,2,3-CD)PYRENE			0.2 U UG/L		0.2 U UG/L	
ISOPHORONE			10 U UG/L		10 U UG/L	
N-NITROSO-DI-N-PROPYLAMINE			1 U UG/L		1 U UG/L	
N-NITROSODIPHENYLAMINE			7.5 U UG/L		7.5 U UG/L	
NAPHTHALENE			5 U UG/L		5 U UG/L	
NITROBENZENE			10 U UG/L		10 U UG/L	
PHENANTHRENE			10 U UG/L		10 U UG/L	
PHENOL			10 U UG/L		100 UR UG/L	
PYRENE			10 U UG/L		10 U UG/L	
HERBICIDES						
2,4,5-T			0.047 U UG/L		0.047 U UG/L	
2,4,5-TP (SILVEX)			0.089 U UG/L		0.089 U UG/L	
2,4-D			0.19 U UG/L		0.19 U UG/L	
2,4-DB			0.2 U UG/L		0.2 U UG/L	
DALAPON			0.4 U UG/L		0.4 U UG/L	
DICAMBA			0.2 U UG/L		0.2 U UG/L	
DICHLOROPROP			1 U UG/L		1 U UG/L	

SAMPLE NUMBER	OU2MW05B00-F	OU2MW05B00-F-D	OU2MW06A00	OU2MW06A00-F	OU2MW06B00	OU2MW06B00-F
LAB ID NUMBER	F2680-15A	F2680-18A	F2742-3	F2742-3AA	F2742-2	F2742-2AA
DATE SAMPLED	7/30/98	7/30/98	8/1/98	8/1/98	8/1/98	8/1/98
PARAMETER	RESULTS	RESULTS	RESULTS	RESULTS	RESULTS	RESULTS
DINOSEB			0.2 U UG/L		0.2 U UG/L	
MCPA			100 U UG/L		100 U UG/L	
MCPP			50 U UG/L		50 U UG/L	
PENTACHLOROPHENOL			0.1 U UG/L		0.1 U UG/L	
PESTICIDES/PCBS						
4,4'-DDD			0.10 U UG/L		0.10 UJ UG/L	
4,4'-DDE			0.10 U UG/L		0.10 UJ UG/L	
4,4'-DDT			0.10 U UG/L		0.10 UJ UG/L	
ALDRIN			0.050 U UG/L		0.050 UJ UG/L	
ALPHA-BHC			0.050 U UG/L		0.050 UJ UG/L	
ALPHA-CHLORDANE			0.10 U UG/L		0.10 UJ UG/L	
AROCLOR-1016					0.50 UJ UG/L	
AROCLOR-1221					0.50 UJ UG/L	
AROCLOR-1232					0.50 UJ UG/L	
AROCLOR-1242					0.50 UJ UG/L	
AROCLOR-1248					0.50 UJ UG/L	
AROCLOR-1254					0.50 UJ UG/L	
AROCLOR-1260					0.50 UJ UG/L	
BETA-BHC			0.10 U UG/L		0.10 UJ UG/L	
DELTA-BHC			0.050 U UG/L		0.050 UJ UG/L	
DIELDRIN			0.10 U UG/L		0.10 UJ UG/L	
ENDOSULFAN I			0.050 U UG/L		0.050 UJ UG/L	
ENDOSULFAN II			0.10 U UG/L		0.10 UJ UG/L	
ENDOSULFAN SULFATE			0.10 U UG/L		0.10 UJ UG/L	
ENDRIN			0.10 U UG/L		0.10 UJ UG/L	
ENDRIN ALDEHYDE			0.10 U UG/L		0.10 UJ UG/L	
ENDRIN KETONE			0.10 U UG/L		0.10 UJ UG/L	
GAMMA-BHC (LINDANE)			0.050 U UG/L		0.050 UJ UG/L	
GAMMA-CHLORDANE			0.10 U UG/L		0.10 UJ UG/L	
HEPTACHLOR			0.050 U UG/L		0.050 UJ UG/L	
HEPTACHLOR EPOXIDE			0.050 U UG/L		0.050 UJ UG/L	
METHOXYCHLOR			0.50 U UG/L		0.50 UJ UG/L	
TOXAPHENE			2.5 U UG/L		2.5 UJ UG/L	
PETROLEUM HYDROCARBONS						
TPH (C8-C40)			0.5 U MG/L		5 UR MG/L	
MISC						

SAMPLE NUMBER	OU2MW05B00-F	OU2MW05B00-F-D	OU2MW06A00	OU2MW06A00-F	OU2MW06B00	OU2MW06B00-F
LAB ID NUMBER	F2680-15A	F2680-18A	F2742-3	F2742-3AA	F2742-2	F2742-2AA
DATE SAMPLED	7/30/98	7/30/98	8/1/98	8/1/98	8/1/98	8/1/98
PARAMETER	RESULTS	RESULTS	RESULTS	RESULTS	RESULTS	RESULTS
ALKALINITY			25.0 MG/L		14.0 MG/L	
BOD-5DAY (TOTAL)			5.3 MG/L		41.2 MG/L	
CHEMICAL OXYGEN DEMAND			60.0 MG/L		20.0 U MG/L	
CHLORIDE			60.5 MG/L		300 J MG/L	
CYANIDE			0.0050 U MG/L		0.0050 U MG/L	
HARDNESS as CaCO3			90.4 MG/L		198 MG/L	
NITRATE, AS NITROGEN			0.32 U MG/L		0.20 U MG/L	
NITRATE/NITRITE, AS N			0.32 U MG/L		0.10 U MG/L	
NITRITE, AS NITROGEN			0.010 U MG/L		0.10 U MG/L	
ORTHOPHOSPHATE			0.11 MG/L		2.5 MG/L	
PH			5.1		8.9	
PLATE COUNT, TOTAL			15800 CFU/M		13700 CFU/M	
REDOX POTENTIAL VS H2			392 MV		92.6 MV	
SULFATE			37.6 MG/L		29.3 MG/L	
TOTAL DISSOLVED SOLIDS			1330 MG/L		27900 MG/L	
TOTAL ORGANIC CARBON			72.9 MG/L		809 MG/L	
TOTAL SUSPENDED SOLIDS			137 MG/L		4930 MG/L	
TURBIDITY			2200 NTU		37000 NTU	
METALS (UNFILTERED)						
ALUMINUM			35000 J UG/L		152000 J UG/L	
ANTIMONY			3.8 UR UG/L		3.8 UR UG/L	
ARSENIC			16.0 U UG/L		38.6 UG/L	
BARIUM			488 U UG/L		3910 J UG/L	
BERYLLIUM			0.20 U UG/L		23.2 U UG/L	
CADMIUM			0.50 U UG/L		0.50 U UG/L	
CALCIUM			22300 J UG/L		60000 J UG/L	
CHROMIUM			50.6 J UG/L		223 J UG/L	
COBALT			0.71 UJ UG/L		0.71 UJ UG/L	
COPPER			1.2 U UG/L		113 UG/L	
IRON			6640 J UG/L		18900 J UG/L	
LEAD			60.3 J UG/L		197 J UG/L	
MAGNESIUM			8420 J UG/L		11600 J UG/L	
MANGANESE			17.0 U UG/L		64.5 J UG/L	
MERCURY			0.20 U UG/L		0.20 U UG/L	
NICKEL			1.6 UJ UG/L		1.6 UJ UG/L	
POTASSIUM			19400 J UG/L		12600 J UG/L	

SAMPLE NUMBER	OU2MW05B00-F	OU2MW05B00-F-D	OU2MW06A00	OU2MW06A00-F	OU2MW06B00	OU2MW06B00-F
LAB ID NUMBER	F2680-15A	F2680-18A	F2742-3	F2742-3AA	F2742-2	F2742-2AA
DATE SAMPLED	7/30/98	7/30/98	8/1/98	8/1/98	8/1/98	8/1/98
PARAMETER	RESULTS	RESULTS	RESULTS	RESULTS	RESULTS	RESULTS
SELENIUM			7.8 U UG/L		42.0 UG/L	
SILVER			1.8 UJ UG/L		1.8 UJ UG/L	
SODIUM			75800 J UG/L		39700 J UG/L	
THALLIUM			3.9 U UG/L		3.9 U UG/L	
VANADIUM			79.6 J UG/L		191 J UG/L	
ZINC			241 U UG/L		51.8 U UG/L	
METALS (DISSOLVED)						
ALUMINUM	783 U UG/L	537 U UG/L		5100 J UG/L		129000 J UG/L
ANTIMONY	7.7 U UG/L	7.2 U UG/L		3.8 UR UG/L		3.8 UR UG/L
ARSENIC	3.1 U UG/L	3.1 U UG/L		5.5 U UG/L		32.7 UG/L
BARIUM	0.47 UJ UG/L	0.47 UJ UG/L		208 U UG/L		3270 J UG/L
BERYLLIUM	0.20 UJ UG/L	0.20 UJ UG/L		0.20 U UG/L		19.2 U UG/L
CADMIUM	0.50 UJ UG/L	0.50 UJ UG/L		0.50 U UG/L		0.50 U UG/L
CALCIUM	6.7 UJ UG/L	6.7 UJ UG/L		12700 J UG/L		44200 J UG/L
CHROMIUM	0.96 UJ UG/L	11.0 U UG/L		13.0 U UG/L		187 J UG/L
COBALT	0.71 UJ UG/L	0.71 UJ UG/L		0.71 UJ UG/L		0.71 UJ UG/L
COPPER	1.2 UJ UG/L	1.2 UJ UG/L		1.2 U UG/L		98.8 UG/L
IRON	3320 U UG/L	1540 U UG/L		2670 U UG/L		12000 J UG/L
LEAD	4.3 U UG/L	3.6 U UG/L		4.9 U UG/L		165 J UG/L
MAGNESIUM	10.0 UJ UG/L	10.0 UJ UG/L		5500 J UG/L		7730 J UG/L
MANGANESE	30.4 J UG/L	0.39 UJ UG/L		33.9 J UG/L		39.3 J UG/L
MERCURY	0.25 U UG/L	0.25 U UG/L		0.20 U UG/L		0.20 U UG/L
NICKEL	1.6 UJ UG/L	1.6 UJ UG/L		1.6 UJ UG/L		1.6 UJ UG/L
POTASSIUM	25.3 UJ UG/L	25.3 UJ UG/L		16700 J UG/L		7910 J UG/L
SELENIUM	2.3 UJ UG/L	2.3 UJ UG/L		2.3 U UG/L		33.9 UG/L
SILVER	1.8 UJ UG/L	1.8 UJ UG/L		1.8 UJ UG/L		1.8 UJ UG/L
SODIUM	9180 J UG/L	8880 J UG/L		69300 J UG/L		25800 J UG/L
THALLIUM	3.9 U UG/L	3.9 U UG/L		3.9 U UG/L		7.5 U UG/L
VANADIUM	1.1 UJ UG/L	1.1 UJ UG/L		1.1 UJ UG/L		162 J UG/L
ZINC	435 U UG/L	198 U UG/L		161 U UG/L		57.1 U UG/L
RADIOLOGICAL						
CESIUM-137						
COBALT-60					~~18.3+/-4.7 pCi/L~~	REJECTED BY LAB AFTER RE-EVALUATION
GROSS ALPHA			36.9+/-3.3 pCi/L		221+/-17.8 pCi/L	
GROSS BETA			36.7+/-2.5 pCi/L		192+/-10.5 pCi/L	

SAMPLE NUMBER	OU2MW07A00	OU2MW07A00-F	OU2MW07B00	OU2MW07B00-F	OU2MW08A00	OU2MW08A00-F
LAB ID NUMBER	F2680-12	F2680-12A	F2680-11	F2680-11A	F2680-9	F2680-9A
DATE SAMPLED	7/29/98	7/29/98	7/29/98	7/29/98	7/28/98	7/28/98
PARAMETER	RESULTS	RESULTS	RESULTS	RESULTS	RESULTS	RESULTS
VOLATILES						
1,1,1-TRICHLOROETHANE	2 U UG/L		2 U UG/L		2 U UG/L	
1,1,2,2-TETRACHLOROETHANE	1 U UG/L		1 U UG/L		1 U UG/L	
1,1,2-TRICHLOROETHANE	2 U UG/L		2 U UG/L		2 U UG/L	
1,1-DICHLOROETHANE	2 U UG/L		2 U UG/L		2 U UG/L	
1,1-DICHLOROETHENE	2 U UG/L		2 U UG/L		2 U UG/L	
1,2-DICHLOROETHANE	2 U UG/L		2 U UG/L		2 U UG/L	
1,2-DICHLOROPROPANE	2 U UG/L		2 U UG/L		2 U UG/L	
2-BUTANONE	10 UR UG/L		10 UR UG/L		10 UR UG/L	
2-HEXANONE	10 U UG/L		10 U UG/L		10 U UG/L	
4-METHYL-2-PENTANONE	10 U UG/L		10 U UG/L		10 U UG/L	
ACETONE	50 UR UG/L		50 UR UG/L		50 UR UG/L	
BENZENE	1 U UG/L		1 U UG/L		1 U UG/L	
BROMODICHLOROMETHANE	1 U UG/L		1 U UG/L		1 U UG/L	
BROMOFORM	2 U UG/L		2 U UG/L		2 U UG/L	
BROMOMETHANE	5 UJ UG/L		5 UJ UG/L		5 UJ UG/L	
CARBON DISULFIDE	10 U UG/L		10 U UG/L		10 U UG/L	
CARBON TETRACHLORIDE	2 U UG/L		2 U UG/L		2 U UG/L	
CHLOROBENZENE	2 U UG/L		2 U UG/L		2 U UG/L	
CHLOROETHANE	2 U UG/L		2 U UG/L		2 U UG/L	
CHLOROFORM	2 U UG/L		2 U UG/L		2 U UG/L	
CHLOROMETHANE	2 UJ UG/L		2 UJ UG/L		2 UJ UG/L	
CIS-1,2-DICHLOROETHENE	2 U UG/L		2 U UG/L		2 U UG/L	
CIS-1,3-DICHLOROPROPENE	2 U UG/L		2 U UG/L		2 U UG/L	
DIBROMOCHLOROMETHANE	1 U UG/L		1 U UG/L		1 U UG/L	
ETHYLBENZENE	2 U UG/L		2 U UG/L		2 U UG/L	
METHANE	50 U UG/L		50 U UG/L		740 UG/L	
METHYLENE CHLORIDE	5 U UG/L		5 U UG/L		5 U UG/L	
STYRENE	2 U UG/L		2 U UG/L		2 U UG/L	
TETRACHLOROETHENE	2 U UG/L		2 U UG/L		2 U UG/L	
TOLUENE	2 U UG/L		2 U UG/L		2 U UG/L	
TRANS-1,2-DICHLOROETHENE	2 U UG/L		2 U UG/L		2 U UG/L	
TRANS-1,3-DICHLOROPROPENE	1 U UG/L		1 U UG/L		1 U UG/L	
TRICHLOROETHENE	2 U UG/L		2 U UG/L		2 U UG/L	
VINYL CHLORIDE	1 U UG/L		1 U UG/L		1 U UG/L	
XYLENES, TOTAL	6 U UG/L		6 U UG/L		6 U UG/L	

SAMPLE NUMBER	OU2MW07A00	OU2MW07A00-F	OU2MW07B00	OU2MW07B00-F	OU2MW08A00	OU2MW08A00-F
LAB ID NUMBER	F2680-12	F2680-12A	F2680-11	F2680-11A	F2680-9	F2680-9A
DATE SAMPLED	7/29/98	7/29/98	7/29/98	7/29/98	7/28/98	7/28/98
PARAMETER	RESULTS	RESULTS	RESULTS	RESULTS	RESULTS	RESULTS
SEMIVOLATILES						
1,2,4-TRICHLOROBENZENE	10 U UG/L		10 U UG/L		10 U UG/L	
1,2-DICHLOROBENZENE	10 U UG/L		10 U UG/L		10 U UG/L	
1,3-DICHLOROBENZENE	10 U UG/L		10 U UG/L		10 U UG/L	
1,4-DICHLOROBENZENE	10 U UG/L		10 U UG/L		10 U UG/L	
2,4,5-TRICHLOROPHENOL	4 U UG/L		4 U UG/L		4 U UG/L	
2,4,6-TRICHLOROPHENOL	4 U UG/L		4 U UG/L		4 U UG/L	
2,4-DICHLOROPHENOL	4 U UG/L		4 U UG/L		4 U UG/L	
2,4-DIMETHYLPHENOL	10 U UG/L		10 U UG/L		10 U UG/L	
2,4-DINITROPHENOL	25 U UG/L		25 U UG/L		25 U UG/L	
2,4-DINITROTOLUENE	0.2 U UG/L		0.2 U UG/L		0.2 U UG/L	
2,6-DINITROTOLUENE	0.2 U UG/L		0.2 U UG/L		0.2 U UG/L	
2-CHLORONAPHTHALENE	10 U UG/L		10 U UG/L		10 U UG/L	
2-CHLOROPHENOL	10 U UG/L		10 U UG/L		10 U UG/L	
2-METHYLNAPHTHALENE	10 U UG/L		10 U UG/L		10 U UG/L	
2-METHYLPHENOL	10 U UG/L		10 U UG/L		10 U UG/L	
2-NITROANILINE	7.5 U UG/L		7.5 U UG/L		7.5 U UG/L	
2-NITROPHENOL	10 U UG/L		10 U UG/L		10 U UG/L	
3&4-METHYLPHENOL	3.8 J UG/L		10 U UG/L		10 U UG/L	
3,3'-DICHLOROBENZIDINE	7.5 U UG/L		7.5 U UG/L		7.5 U UG/L	
3-NITROANILINE	7.5 U UG/L		7.5 U UG/L		7.5 U UG/L	
4,6-DINITRO-2-METHYLPHENOL	10 U UG/L		10 U UG/L		10 U UG/L	
4-BROMOPHENYL PHENYL ETHER	10 U UG/L		10 U UG/L		10 U UG/L	
4-CHLORO-3-METHYLPHENOL	10 U UG/L		10 U UG/L		10 U UG/L	
4-CHLOROANILINE	10 U UG/L		10 U UG/L		10 U UG/L	
4-CHLOROPHENYL PHENYL ETHER	10 U UG/L		10 U UG/L		10 U UG/L	
4-NITROANILINE	7.5 U UG/L		7.5 U UG/L		7.5 U UG/L	
4-NITROPHENOL	15 U UG/L		15 U UG/L		15 U UG/L	
ACENAPHTHENE	10 U UG/L		10 U UG/L		10 U UG/L	
ACENAPHTHYLENE	10 U UG/L		10 U UG/L		10 U UG/L	
ANTHRACENE	10 U UG/L		10 U UG/L		10 U UG/L	
BENZO(A)ANTHRACENE	0.2 U UG/L		0.2 U UG/L		0.2 U UG/L	
BENZO(A)PYRENE	0.2 U UG/L		0.2 U UG/L		0.2 U UG/L	
BENZO(B)FLUORANTHENE	0.2 U UG/L		0.2 U UG/L		0.2 U UG/L	
BENZO(G,H,I)PERYLENE	10 U UG/L		10 U UG/L		10 U UG/L	
BENZO(K)FLUORANTHENE	0.2 U UG/L		0.2 U UG/L		0.2 U UG/L	

SAMPLE NUMBER	OU2MW07A00	OU2MW07A00-F	OU2MW07B00	OU2MW07B00-F	OU2MW08A00	OU2MW08A00-F
LAB ID NUMBER	F2680-12	F2680-12A	F2680-11	F2680-11A	F2680-9	F2680-9A
DATE SAMPLED	7/29/98	7/29/98	7/29/98	7/29/98	7/28/98	7/28/98
PARAMETER	RESULTS	RESULTS	RESULTS	RESULTS	RESULTS	RESULTS
BIS(2-CHLOROETHOXY)METHANE	10 U UG/L		10 U UG/L		10 U UG/L	
BIS(2-CHLOROETHYL)ETHER	1.5 U UG/L		1.5 U UG/L		1.5 U UG/L	
BIS(2-CHLOROISOPROPYL) ETHER	7.5 U UG/L		7.5 U UG/L		7.5 U UG/L	
BIS(2-ETHYLHEXYL)PHTHALATE	6 U UG/L		6 U UG/L		6 U UG/L	
BUTYLBENZYL PHTHALATE	10 U UG/L		10 U UG/L		10 U UG/L	
CARBAZOLE	7.5 U UG/L		7.5 U UG/L		7.5 U UG/L	
CHRYSENE	5 U UG/L		5 U UG/L		5 U UG/L	
DI-N-BUTYL PHTHALATE	10 U UG/L		10 U UG/L		10 U UG/L	
DI-N-OCTYL PHTHALATE	10 U UG/L		10 U UG/L		10 U UG/L	
DIBENZO(A,H)ANTHRACENE	0.2 U UG/L		0.2 U UG/L		0.2 U UG/L	
DIBENZOFURAN	10 U UG/L		10 U UG/L		10 U UG/L	
DIETHYL PHTHALATE	10 U UG/L		10 U UG/L		10 U UG/L	
DIMETHYL PHTHALATE	10 U UG/L		10 U UG/L		10 U UG/L	
FLUORANTHENE	10 U UG/L		10 U UG/L		10 U UG/L	
FLUORENE	10 U UG/L		10 U UG/L		10 U UG/L	
HEXACHLOROBENZENE	1 U UG/L		1 U UG/L		1 U UG/L	
HEXACHLOROBUTADIENE	10 U UG/L		10 U UG/L		10 U UG/L	
HEXACHLOROCYCLOPENTADIENE	10 U UG/L		10 U UG/L		10 U UG/L	
HEXACHLOROETHANE	10 U UG/L		10 U UG/L		10 U UG/L	
INDENO(1,2,3-CD)PYRENE	0.2 U UG/L		0.2 U UG/L		0.2 U UG/L	
ISOPHORONE	10 U UG/L		10 U UG/L		10 U UG/L	
N-NITROSO-DI-N-PROPYLAMINE	1 U UG/L		1 U UG/L		1 U UG/L	
N-NITROSODIPHENYLAMINE	7.5 U UG/L		7.5 U UG/L		7.5 U UG/L	
NAPHTHALENE	5 U UG/L		5 U UG/L		5 U UG/L	
NITROBENZENE	10 U UG/L		10 U UG/L		10 U UG/L	
PHENANTHRENE	10 U UG/L		10 U UG/L		10 U UG/L	
PHENOL	10 U UG/L		10 U UG/L		10 U UG/L	
PYRENE	10 U UG/L		10 U UG/L		10 U UG/L	
HERBICIDES						
2,4,5-T	0.047 U UG/L		0.047 U UG/L		0.047 U UG/L	
2,4,5-TP (SILVEX)	0.089 U UG/L		0.089 U UG/L		0.089 U UG/L	
2,4-D	0.19 U UG/L		0.19 U UG/L		0.19 U UG/L	
2,4-DB	0.2 U UG/L		0.2 U UG/L		0.2 U UG/L	
DALAPON	0.4 U UG/L		0.4 U UG/L		0.4 U UG/L	
DICAMBA	0.2 U UG/L		0.2 U UG/L		0.2 U UG/L	
DICHLOROPROP	1 U UG/L		1 U UG/L		1 U UG/L	

SAMPLE NUMBER	OU2MW07A00	OU2MW07A00-F	OU2MW07B00	OU2MW07B00-F	OU2MW08A00	OU2MW08A00-F
LAB ID NUMBER	F2680-12	F2680-12A	F2680-11	F2680-11A	F2680-9	F2680-9A
DATE SAMPLED	7/29/98	7/29/98	7/29/98	7/29/98	7/28/98	7/28/98
PARAMETER	RESULTS	RESULTS	RESULTS	RESULTS	RESULTS	RESULTS
DINOSEB	0.2 U UG/L		0.2 U UG/L		0.2 U UG/L	
MCPA	100 U UG/L		100 U UG/L		100 U UG/L	
MCPP	50 U UG/L		50 U UG/L		50 U UG/L	
PENTACHLOROPHENOL	0.1 U UG/L		0.1 U UG/L		0.1 U UG/L	
PESTICIDES/PCBS						
4,4'-DDD	0.10 U UG/L		0.10 UJ UG/L		0.10 U UG/L	
4,4'-DDE	0.10 U UG/L		0.10 UJ UG/L		0.10 U UG/L	
4,4'-DDT	0.10 U UG/L		0.10 UJ UG/L		0.10 U UG/L	
ALDRIN	0.050 U UG/L		0.050 UJ UG/L		0.050 U UG/L	
ALPHA-BHC	0.050 U UG/L		0.050 UJ UG/L		0.050 U UG/L	
ALPHA-CHLORDANE	0.10 U UG/L		0.10 UJ UG/L		0.10 U UG/L	
AROCLOR-1016			0.50 U UG/L			
AROCLOR-1221			0.50 U UG/L			
AROCLOR-1232			0.50 U UG/L			
AROCLOR-1242			0.50 U UG/L			
AROCLOR-1248			0.50 U UG/L			
AROCLOR-1254			0.50 U UG/L			
AROCLOR-1260			0.50 U UG/L			
BETA-BHC	0.10 U UG/L		0.10 UJ UG/L		0.10 U UG/L	
DELTA-BHC	0.050 U UG/L		0.050 UJ UG/L		0.050 U UG/L	
DIELDRIN	0.10 U UG/L		0.10 UJ UG/L		0.10 U UG/L	
ENDOSULFAN I	0.050 U UG/L		0.050 UJ UG/L		0.050 U UG/L	
ENDOSULFAN II	0.10 U UG/L		0.10 UJ UG/L		0.10 U UG/L	
ENDOSULFAN SULFATE	0.10 U UG/L		0.10 UJ UG/L		0.10 U UG/L	
ENDRIN	0.10 U UG/L		0.10 UJ UG/L		0.10 U UG/L	
ENDRIN ALDEHYDE	0.10 U UG/L		0.10 UJ UG/L		0.10 U UG/L	
ENDRIN KETONE	0.10 U UG/L		0.10 UJ UG/L		0.10 U UG/L	
GAMMA-BHC (LINDANE)	0.050 U UG/L		0.050 UJ UG/L		0.050 U UG/L	
GAMMA-CHLORDANE	0.10 U UG/L		0.10 UJ UG/L		0.10 U UG/L	
HEPTACHLOR	0.050 U UG/L		0.050 UJ UG/L		0.050 U UG/L	
HEPTACHLOR EPOXIDE	0.050 U UG/L		0.050 UJ UG/L		0.050 U UG/L	
METHOXYCHLOR	0.50 U UG/L		0.50 UJ UG/L		0.50 U UG/L	
TOXAPHENE	2.5 U UG/L		2.5 UJ UG/L		2.5 U UG/L	
PETROLEUM HYDROCARBONS						
TPH (C8-C40)	0.5 U MG/L		0.5 U MG/L		0.5 U MG/L	
MISC						

SAMPLE NUMBER	OU2MW07A00	OU2MW07A00-F	OU2MW07B00	OU2MW07B00-F	OU2MW08A00	OU2MW08A00-F
LAB ID NUMBER	F2680-12	F2680-12A	F2680-11	F2680-11A	F2680-9	F2680-9A
DATE SAMPLED	7/29/98	7/29/98	7/29/98	7/29/98	7/28/98	7/28/98
PARAMETER	RESULTS	RESULTS	RESULTS	RESULTS	RESULTS	RESULTS
ALKALINITY	8.0 MG/L		11.0 MG/L		18.0 MG/L	
BOD-5DAY (TOTAL)	4.0 MG/L		35.5 MG/L		6.0 MG/L	
CHEMICAL OXYGEN DEMAND	20.0 UJ MG/L		20 UJ MG/L		25.0 MG/L	
CHLORIDE	5.0 U MG/L		3.0 U MG/L		52.4 U MG/L	
CYANIDE	0.0050 U MG/L		0.0050 U MG/L		0.0050 U MG/L	
HARDNESS as CaCO3	27.0 MG/L		48.4 MG/L		151 MG/L	
NITRATE, AS NITROGEN	1.7 MG/L		0.14 MG/L		0.11 U MG/L	
NITRATE/NITRITE, AS N	1.7 MG/L		0.14 MG/L		0.10 U MG/L	
NITRITE, AS NITROGEN	0.010 U MG/L		0.010 U MG/L		0.010 U MG/L	
ORTHOPHOSPHATE	0.11 MG/L		0.39 MG/L		0.10 U MG/L	
PH	5.0		5.0		5.2	
PLATE COUNT, TOTAL	1110 CFU/M		2090 CFU/M		8300 CFU/M	
REDOX POTENTIAL VS H2	162 MV		127 MV		138 MV	
SULFATE	100 U MG/L		10.0 U MG/L		60.0 U MG/L	
TOTAL DISSOLVED SOLIDS	476 MG/L		146 MG/L		428 MG/L	
TOTAL ORGANIC CARBON	13.5 MG/L		5.6 MG/L		45.0 MG/L	
TOTAL SUSPENDED SOLIDS	1360 MG/L		350 MG/L		468 MG/L	
TURBIDITY						
METALS (UNFILTERED)						
ALUMINUM	68300 J UG/L		15400 J UG/L		56500 J UG/L	
ANTIMONY	3.8 UR UG/L		3.8 UR UG/L		3.8 UR UG/L	
ARSENIC	13.1 U UG/L		3.1 UJ UG/L		7.4 U UG/L	
BARIUM	392 J UG/L		451 J UG/L		673 J UG/L	
BERYLLIUM	5.8 U UG/L		6.6 U UG/L		0.20 UJ UG/L	
CADMIUM	0.50 UJ UG/L		0.50 UJ UG/L		0.50 UJ UG/L	
CALCIUM	10800 J UG/L		19400 J UG/L		52100 J UG/L	
CHROMIUM	67.0 J UG/L		27.7 U UG/L		74.8 J UG/L	
COBALT	0.71 UJ UG/L		0.71 UJ UG/L		0.71 UJ UG/L	
COPPER	36.5 J UG/L		25.8 J UG/L		28.9 J UG/L	
IRON	4850 J UG/L		2270 U UG/L		5450 J UG/L	
LEAD	64.5 J UG/L		17.6 J UG/L		59.3 J UG/L	
MAGNESIUM	10.0 UJ UG/L		10.0 UJ UG/L		5150 J UG/L	
MANGANESE	21.5 J UG/L		19.8 J UG/L		66.3 J UG/L	
MERCURY	0.25 U UG/L		0.25 U UG/L		0.25 U UG/L	
NICKEL	1.6 UJ UG/L		1.6 UJ UG/L		1.6 UJ UG/L	
POTASSIUM	25.3 UJ UG/L		25.3 UJ UG/L		25.3 UJ UG/L	

SAMPLE NUMBER	OU2MW07A00	OU2MW07A00-F	OU2MW07B00	OU2MW07B00-F	OU2MW08A00	OU2MW08A00-F
LAB ID NUMBER	F2680-12	F2680-12A	F2680-11	F2680-11A	F2680-9	F2680-9A
DATE SAMPLED	7/29/98	7/29/98	7/29/98	7/29/98	7/28/98	7/28/98
PARAMETER	RESULTS	RESULTS	RESULTS	RESULTS	RESULTS	RESULTS
SELENIUM	12.1 U UG/L		2.3 UJ UG/L		13.3 U UG/L	
SILVER	1.8 UJ UG/L		1.8 UJ UG/L		1.8 UJ UG/L	
SODIUM	6140 J UG/L		7650 J UG/L		21100 J UG/L	
THALLIUM	3.9 UJ UG/L		3.9 UJ UG/L		3.9 UJ UG/L	
VANADIUM	89.4 J UG/L		1.1 UJ UG/L		59.9 J UG/L	
ZINC	1310 U UG/L		178 U UG/L		253 U UG/L	
METALS (DISSOLVED)						
ALUMINUM		1410 U UG/L		810 U UG/L		851 U UG/L
ANTIMONY		6.3 U UG/L		3.8 UJ UG/L		5.8 U UG/L
ARSENIC		3.1 U UG/L		3.1 U UG/L		3.1 U UG/L
BARIUM		5150 J UG/L		0.47 UJ UG/L		0.47 UJ UG/L
BERYLLIUM		0.20 UJ UG/L		0.20 UJ UG/L		0.20 UJ UG/L
CADMIUM		5.8 U UG/L		0.50 UJ UG/L		0.50 UJ UG/L
CALCIUM		6.7 UJ UG/L		6.7 UJ UG/L		44000 J UG/L
CHROMIUM		16.8 U UG/L		0.96 UJ UG/L		0.96 UJ UG/L
COBALT		0.71 UJ UG/L		0.71 UJ UG/L		0.71 UJ UG/L
COPPER		1.2 UJ UG/L		1.2 UJ UG/L		1.2 UJ UG/L
IRON		1130 U UG/L		1190 U UG/L		2300 U UG/L
LEAD		4.3 U UG/L		2.1 UJ UG/L		2.1 UJ UG/L
MAGNESIUM		10.0 UJ UG/L		10.0 UJ UG/L		10.0 UJ UG/L
MANGANESE		0.39 UJ UG/L		0.39 UJ UG/L		61.6 J UG/L
MERCURY		0.25 U UG/L		0.25 U UG/L		0.25 U UG/L
NICKEL		1.6 UJ UG/L		1.6 UJ UG/L		1.6 UJ UG/L
POTASSIUM		25.3 UJ UG/L		25.3 UJ UG/L		25.3 UJ UG/L
SELENIUM		2.3 UJ UG/L		2.3 UJ UG/L		2.3 UJ UG/L
SILVER		1.8 UJ UG/L		1.8 UJ UG/L		1.8 UJ UG/L
SODIUM		5060 J UG/L		332 UR UG/L		11200 J UG/L
THALLIUM		3.9 U UG/L		3.9 U UG/L		3.9 U UG/L
VANADIUM		1.1 UJ UG/L		1.1 UJ UG/L		1.1 UJ UG/L
ZINC		213 U UG/L		212 U UG/L		303 U UG/L
RADIOLOGICAL						
CESIUM-137						
COBALT-60						
GROSS ALPHA	13.5+/-1.1 pCi/L		33.5+/-1.6 pCi/L		27.0+/-2.5 pCi/L	
GROSS BETA	7.8+/-1.1 pCi/L		10.6+/-1.0 pCi/L		25.4+/-1.7 pCi/L	

SAMPLE NUMBER	OU2MW08B00	OU2MW08B00-F	OU2MW09A00	OU2MW09A00-F	OU2MW09B00	OU2MW09B00-D
LAB ID NUMBER	F2680-8	F2680-8A	F2680-4	F2680-4A	F2680-5	F2680-6
DATE SAMPLED	7/28/98	7/28/98	7/22/98	7/22/98	7/22/98	7/22/98
PARAMETER	RESULTS	RESULTS	RESULTS	RESULTS	RESULTS	RESULTS
VOLATILES						
1,1,1-TRICHLOROETHANE	2 U UG/L		2 U UG/L		2 U UG/L	2 U UG/L
1,1,2,2-TETRACHLOROETHANE	1 U UG/L		1 U UG/L		1 U UG/L	1 U UG/L
1,1,2-TRICHLOROETHANE	2 U UG/L		2 U UG/L		2 U UG/L	2 U UG/L
1,1-DICHLOROETHANE	2 U UG/L		2 U UG/L		2 U UG/L	2 U UG/L
1,1-DICHLOROETHENE	2 U UG/L		2 U UG/L		2 U UG/L	2 U UG/L
1,2-DICHLOROETHANE	2 U UG/L		2 U UG/L		2 U UG/L	2 U UG/L
1,2-DICHLOROPROPANE	2 U UG/L		2 U UG/L		2 U UG/L	2 U UG/L
2-BUTANONE	10 UR UG/L		10 UR UG/L		10 UR UG/L	10 UR UG/L
2-HEXANONE	10 U UG/L		10 U UG/L		10 U UG/L	10 U UG/L
4-METHYL-2-PENTANONE	10 U UG/L		10 U UG/L		10 U UG/L	10 U UG/L
ACETONE	50 UR UG/L		50 UR UG/L		50 UR UG/L	50 UR UG/L
BENZENE	1 U UG/L		1 U UG/L		1 U UG/L	1 U UG/L
BROMODICHLOROMETHANE	1 U UG/L		1 U UG/L		1 U UG/L	1 U UG/L
BROMOFORM	2 U UG/L		2 U UG/L		2 U UG/L	2 U UG/L
BROMOMETHANE	5 UJ UG/L		5 UJ UG/L		5 UJ UG/L	5 U UG/L
CARBON DISULFIDE	10 U UG/L		10 U UG/L		10 U UG/L	10 UJ UG/L
CARBON TETRACHLORIDE	2 U UG/L		2 U UG/L		2 U UG/L	2 U UG/L
CHLOROBENZENE	2 U UG/L		2 U UG/L		2 U UG/L	2 U UG/L
CHLOROETHANE	2 U UG/L		2 U UG/L		2 U UG/L	2 U UG/L
CHLOROFORM	2 U UG/L		2 U UG/L		2 U UG/L	2 U UG/L
CHLOROMETHANE	2 UJ UG/L		2 UJ UG/L		2 UJ UG/L	2 UJ UG/L
CIS-1,2-DICHLOROETHENE	2 U UG/L		2 U UG/L		2 U UG/L	2 U UG/L
CIS-1,3-DICHLOROPROPENE	2 U UG/L		2 U UG/L		2 U UG/L	2 U UG/L
DIBROMOCHLOROMETHANE	1 U UG/L		1 U UG/L		1 U UG/L	1 U UG/L
ETHYLBENZENE	2 U UG/L		2 U UG/L		2 U UG/L	2 U UG/L
METHANE	236 UG/L		50 U UG/L		50 U UG/L	50 U UG/L
METHYLENE CHLORIDE	5 U UG/L		5 U UG/L		5 U UG/L	5 U UG/L
STYRENE	2 U UG/L		2 U UG/L		2 U UG/L	2 U UG/L
TETRACHLOROETHENE	2 U UG/L		2 U UG/L		2 U UG/L	2 U UG/L
TOLUENE	2 U UG/L		2 U UG/L		2 U UG/L	2 U UG/L
TRANS-1,2-DICHLOROETHENE	2 U UG/L		2 U UG/L		2 U UG/L	2 U UG/L
TRANS-1,3-DICHLOROPROPENE	1 U UG/L		1 U UG/L		1 U UG/L	1 U UG/L
TRICHLOROETHENE	2 U UG/L		2 U UG/L		2 U UG/L	2 U UG/L
VINYL CHLORIDE	1 U UG/L		1 U UG/L		1 U UG/L	1 U UG/L
XYLENES, TOTAL	6 U UG/L		6 U UG/L		6 U UG/L	6 U UG/L

SAMPLE NUMBER	OU2MW08B00	OU2MW08B00-F	OU2MW09A00	OU2MW09A00-F	OU2MW09B00	OU2MW09B00-D
LAB ID NUMBER	F2680-8	F2680-8A	F2680-4	F2680-4A	F2680-5	F2680-6
DATE SAMPLED	7/28/98	7/28/98	7/22/98	7/22/98	7/22/98	7/22/98
PARAMETER	RESULTS	RESULTS	RESULTS	RESULTS	RESULTS	RESULTS
SEMIVOLATILES						
1,2,4-TRICHLOROBENZENE	10 U UG/L		10 U UG/L		10 U UG/L	10 U UG/L
1,2-DICHLOROBENZENE	10 U UG/L		10 U UG/L		10 U UG/L	10 U UG/L
1,3-DICHLOROBENZENE	10 U UG/L		10 U UG/L		10 U UG/L	10 U UG/L
1,4-DICHLOROBENZENE	10 U UG/L		10 U UG/L		10 U UG/L	10 U UG/L
2,4,5-TRICHLOROPHENOL	4 U UG/L		4 U UG/L		4 U UG/L	4 U UG/L
2,4,6-TRICHLOROPHENOL	4 U UG/L		4 U UG/L		4 U UG/L	4 U UG/L
2,4-DICHLOROPHENOL	4 U UG/L		4 U UG/L		4 U UG/L	4 U UG/L
2,4-DIMETHYLPHENOL	10 U UG/L		10 U UG/L		10 U UG/L	10 U UG/L
2,4-DINITROPHENOL	25 U UG/L		25 U UG/L		25 U UG/L	25 U UG/L
2,4-DINITROTOLUENE	0.2 U UG/L		0.2 U UG/L		0.2 U UG/L	0.2 U UG/L
2,6-DINITROTOLUENE	0.4 U UG/L		0.2 U UG/L		0.2 U UG/L	0.2 U UG/L
2-CHLORONAPHTHALENE	10 U UG/L		10 U UG/L		10 U UG/L	10 U UG/L
2-CHLOROPHENOL	10 U UG/L		10 U UG/L		10 U UG/L	10 U UG/L
2-METHYLNAPHTHALENE	10 U UG/L		10 U UG/L		10 U UG/L	10 U UG/L
2-METHYLPHENOL	10 U UG/L		10 U UG/L		10 U UG/L	10 U UG/L
2-NITROANILINE	7.5 U UG/L		7.5 U UG/L		7.5 U UG/L	7.5 U UG/L
2-NITROPHENOL	10 U UG/L		10 U UG/L		10 U UG/L	10 U UG/L
3&4-METHYLPHENOL	10 U UG/L		10 U UG/L		10 U UG/L	10 U UG/L
3,3'-DICHLOROBENZIDINE	7.5 U UG/L		7.5 U UG/L		7.5 U UG/L	7.5 U UG/L
3-NITROANILINE	7.5 U UG/L		7.5 U UG/L		7.5 U UG/L	7.5 U UG/L
4,6-DINITRO-2-METHYLPHENOL	10 U UG/L		10 U UG/L		10 U UG/L	10 U UG/L
4-BROMOPHENYL PHENYL ETHER	10 U UG/L		10 U UG/L		10 U UG/L	10 U UG/L
4-CHLORO-3-METHYLPHENOL	10 U UG/L		10 U UG/L		10 U UG/L	10 U UG/L
4-CHLOROANILINE	10 U UG/L		10 U UG/L		10 U UG/L	10 U UG/L
4-CHLOROPHENYL PHENYL ETHER	10 U UG/L		10 U UG/L		10 U UG/L	10 U UG/L
4-NITROANILINE	7.5 U UG/L		7.5 U UG/L		7.5 U UG/L	7.5 U UG/L
4-NITROPHENOL	15 U UG/L		15 U UG/L		15 U UG/L	15 U UG/L
ACENAPHTHENE	10 U UG/L		10 U UG/L		10 U UG/L	10 U UG/L
ACENAPHTHYLENE	10 U UG/L		10 U UG/L		10 U UG/L	10 U UG/L
ANTHRACENE	10 U UG/L		10 U UG/L		10 U UG/L	10 U UG/L
BENZO(A)ANTHRACENE	0.2 U UG/L		0.2 U UG/L		0.2 U UG/L	0.2 U UG/L
BENZO(A)PYRENE	0.2 U UG/L		0.2 U UG/L		0.2 U UG/L	0.2 U UG/L
BENZO(B)FLUORANTHENE	0.2 U UG/L		0.2 U UG/L		0.2 U UG/L	0.2 U UG/L
BENZO(G,H,I)PERYLENE	10 U UG/L		10 U UG/L		10 U UG/L	10 U UG/L
BENZO(K)FLUORANTHENE	0.2 U UG/L		0.2 U UG/L		0.2 U UG/L	0.2 U UG/L

SAMPLE NUMBER	OU2MW08B00	OU2MW08B00-F	OU2MW09A00	OU2MW09A00-F	OU2MW09B00	OU2MW09B00-D
LAB ID NUMBER	F2680-8	F2680-8A	F2680-4	F2680-4A	F2680-5	F2680-6
DATE SAMPLED	7/28/98	7/28/98	7/22/98	7/22/98	7/22/98	7/22/98
PARAMETER	RESULTS	RESULTS	RESULTS	RESULTS	RESULTS	RESULTS
BIS(2-CHLOROETHOXY)METHANE	10 U UG/L		10 U UG/L		10 U UG/L	10 U UG/L
BIS(2-CHLOROETHYL)ETHER	1.5 U UG/L		1.5 U UG/L		1.5 U UG/L	1.5 U UG/L
BIS(2-CHLOROISOPROPYL) ETHER	7.5 U UG/L		7.5 U UG/L		7.5 U UG/L	7.5 U UG/L
BIS(2-ETHYLHEXYL)PHTHALATE	6 U UG/L		6 U UG/L		6 U UG/L	6 U UG/L
BUTYLBENZYL PHTHALATE	10 U UG/L		10 U UG/L		10 U UG/L	10 U UG/L
CARBAZOLE	7.5 U UG/L		7.5 U UG/L		7.5 U UG/L	7.5 U UG/L
CHRYSENE	5 U UG/L		5 U UG/L		5 U UG/L	5 U UG/L
DI-N-BUTYL PHTHALATE	10 U UG/L		10 U UG/L		10 U UG/L	10 U UG/L
DI-N-OCTYL PHTHALATE	10 U UG/L		10 U UG/L		10 U UG/L	10 U UG/L
DIBENZO(A,H)ANTHRACENE	0.2 U UG/L		0.2 U UG/L		0.2 U UG/L	0.2 U UG/L
DIBENZOFURAN	10 U UG/L		10 U UG/L		10 U UG/L	10 U UG/L
DIETHYL PHTHALATE	10 U UG/L		10 U UG/L		10 U UG/L	10 U UG/L
DIMETHYL PHTHALATE	10 U UG/L		10 U UG/L		10 U UG/L	10 U UG/L
FLUORANTHENE	10 U UG/L		10 U UG/L		10 U UG/L	10 U UG/L
FLUORENE	10 U UG/L		10 U UG/L		10 U UG/L	10 U UG/L
HEXACHLOROBENZENE	1 U UG/L		1 U UG/L		1 U UG/L	1 U UG/L
HEXACHLOROBUTADIENE	10 U UG/L		10 U UG/L		10 U UG/L	10 U UG/L
HEXACHLOROCYCLOPENTADIENE	10 U UG/L		10 U UG/L		10 U UG/L	10 U UG/L
HEXACHLOROETHANE	10 U UG/L		10 U UG/L		10 U UG/L	10 U UG/L
INDENO(1,2,3-CD)PYRENE	0.2 U UG/L		0.2 U UG/L		0.2 U UG/L	0.2 U UG/L
ISOPHORONE	10 U UG/L		10 U UG/L		10 U UG/L	10 U UG/L
N-NITROSO-DI-N-PROPYLAMINE	1 U UG/L		1 U UG/L		1 U UG/L	1 U UG/L
N-NITROSODIPHENYLAMINE	7.5 U UG/L		7.5 U UG/L		7.5 U UG/L	7.5 U UG/L
NAPHTHALENE	5 U UG/L		5 U UG/L		5 U UG/L	5 U UG/L
NITROBENZENE	10 U UG/L		10 U UG/L		10 U UG/L	10 U UG/L
PHENANTHRENE	10 U UG/L		10 U UG/L		10 U UG/L	10 U UG/L
PHENOL	10 U UG/L		10 U UG/L		10 U UG/L	10 U UG/L
PYRENE	10 U UG/L		10 U UG/L		10 U UG/L	10 U UG/L
HERBICIDES						
2,4,5-T	0.047 U UG/L		0.047 U UG/L		0.047 U UG/L	0.047 U UG/L
2,4,5-TP (SILVEX)	0.089 U UG/L		0.09 U UG/L		0.09 U UG/L	0.089 U UG/L
2,4-D	0.19 U UG/L		0.19 U UG/L		0.19 U UG/L	0.19 U UG/L
2,4-DB	0.2 U UG/L		0.2 U UG/L		0.2 U UG/L	0.2 U UG/L
DALAPON	0.4 U UG/L		0.4 U UG/L		0.4 U UG/L	0.4 U UG/L
DICAMBA	0.2 U UG/L		0.2 U UG/L		0.2 U UG/L	0.2 U UG/L
DICHLOROPROP	1 U UG/L		1 U UG/L		1 U UG/L	1 U UG/L

SAMPLE NUMBER	OU2MW08B00	OU2MW08B00-F	OU2MW09A00	OU2MW09A00-F	OU2MW09B00	OU2MW09B00-D
LAB ID NUMBER	F2680-8	F2680-8A	F2680-4	F2680-4A	F2680-5	F2680-6
DATE SAMPLED	7/28/98	7/28/98	7/22/98	7/22/98	7/22/98	7/22/98
PARAMETER	RESULTS	RESULTS	RESULTS	RESULTS	RESULTS	RESULTS
DINOSEB	0.2 U UG/L		0.2 U UG/L		0.2 U UG/L	0.2 U UG/L
MCPA	100 U UG/L		100 U UG/L		100 U UG/L	100 U UG/L
MCPP	50 U UG/L		50 U UG/L		50 U UG/L	50 U UG/L
PENTACHLOROPHENOL	0.1 U UG/L		0.1 U UG/L		0.1 U UG/L	0.1 U UG/L
PESTICIDES/PCBS						
4,4'-DDD	0.10 UJ UG/L		0.10 UJ UG/L		0.10 UJ UG/L	0.10 UJ UG/L
4,4'-DDE	0.10 UJ UG/L		0.10 UJ UG/L		0.10 UJ UG/L	0.10 UJ UG/L
4,4'-DDT	0.10 UJ UG/L		0.10 UJ UG/L		0.10 UJ UG/L	0.10 UJ UG/L
ALDRIN	0.050 UJ UG/L		0.050 UJ UG/L		0.050 UJ UG/L	0.050 UJ UG/L
ALPHA-BHC	0.050 UJ UG/L		0.050 UJ UG/L		0.050 UJ UG/L	0.050 UJ UG/L
ALPHA-CHLORDANE	0.10 UJ UG/L		0.10 UJ UG/L		0.10 UJ UG/L	0.10 UJ UG/L
AROCLOR-1016						
AROCLOR-1221						
AROCLOR-1232						
AROCLOR-1242						
AROCLOR-1248						
AROCLOR-1254						
AROCLOR-1260						
BETA-BHC	0.10 UJ UG/L		0.10 UJ UG/L		0.10 UJ UG/L	0.10 UJ UG/L
DELTA-BHC	0.050 UJ UG/L		0.050 UJ UG/L		0.050 UJ UG/L	0.050 UJ UG/L
DIELDRIN	0.10 UJ UG/L		0.10 UJ UG/L		0.10 UJ UG/L	0.10 UJ UG/L
ENDOSULFAN I	0.050 UJ UG/L		0.050 UJ UG/L		0.050 UJ UG/L	0.050 UJ UG/L
ENDOSULFAN II	0.10 UJ UG/L		0.10 UJ UG/L		0.10 UJ UG/L	0.10 UJ UG/L
ENDOSULFAN SULFATE	0.10 UJ UG/L		0.10 UJ UG/L		0.10 UJ UG/L	0.10 UJ UG/L
ENDRIN	0.10 UJ UG/L		0.10 UJ UG/L		0.10 UJ UG/L	0.10 UJ UG/L
ENDRIN ALDEHYDE	0.10 UJ UG/L		0.10 UJ UG/L		0.10 UJ UG/L	0.10 UJ UG/L
ENDRIN KETONE	0.10 UJ UG/L		0.10 UJ UG/L		0.10 UJ UG/L	0.10 UJ UG/L
GAMMA-BHC (LINDANE)	0.050 UJ UG/L		0.050 UJ UG/L		0.050 UJ UG/L	0.050 UJ UG/L
GAMMA-CHLORDANE	0.10 UJ UG/L		0.10 UJ UG/L		0.10 UJ UG/L	0.10 UJ UG/L
HEPTACHLOR	0.050 UJ UG/L		0.050 UJ UG/L		0.050 UJ UG/L	0.050 UJ UG/L
HEPTACHLOR EPOXIDE	0.050 UJ UG/L		0.050 UJ UG/L		0.050 UJ UG/L	0.050 UJ UG/L
METHOXYCHLOR	0.50 UJ UG/L		0.50 UJ UG/L		0.50 UJ UG/L	0.50 UJ UG/L
TOXAPHENE	2.5 UJ UG/L		2.5 UJ UG/L		2.5 UJ UG/L	2.5 UJ UG/L
PETROLEUM HYDROCARBONS						
TPH (C8-C40)	0.5 U MG/L		0.5 U MG/L		0.5 U MG/L	0.5 U MG/L
MISC						

SAMPLE NUMBER	OU2MW08B00	OU2MW08B00-F	OU2MW09A00	OU2MW09A00-F	OU2MW09B00	OU2MW09B00-D
LAB ID NUMBER	F2680-8	F2680-8A	F2680-4	F2680-4A	F2680-5	F2680-6
DATE SAMPLED	7/28/98	7/28/98	7/22/98	7/22/98	7/22/98	7/22/98
PARAMETER	RESULTS	RESULTS	RESULTS	RESULTS	RESULTS	RESULTS
ALKALINITY	40.0 MG/L		23.2 MG/L		17.2 MG/L	18.2 MG/L
BOD-5DAY (TOTAL)	8.4 MG/L		27.0 U MG/L		27.0 U MG/L	114 MG/L
CHEMICAL OXYGEN DEMAND	46.0 J MG/L		64.4 MG/L		20.0 U MG/L	34.7 MG/L
CHLORIDE	22.9 U MG/L		128 MG/L		117 MG/L	92.0 MG/L
CYANIDE	0.0050 U MG/L		0.0050 U MG/L		0.0050 U MG/L	0.0050 U MG/L
HARDNESS as CaCO3	146 MG/L		123 MG/L		67.3 MG/L	55.4 MG/L
NITRATE, AS NITROGEN	0.11 MG/L		0.84 MG/L		0.11 U MG/L	0.16 MG/L
NITRATE/NITRITE, AS N	0.11 MG/L		0.84 MG/L		0.10 U MG/L	0.16 MG/L
NITRITE, AS NITROGEN	0.010 U MG/L		0.010 U MG/L		0.010 U MG/L	0.010 U MG/L
ORTHOPHOSPHATE	0.10 U MG/L		0.10 U MG/L		0.11 MG/L	0.18 MG/L
PH	5.7		5.9		5.6	5.4
PLATE COUNT, TOTAL	4000 CFU/M		29000 CFU/M		2300 CFU/M	3800 CFU/M
REDOX POTENTIAL VS H2	102 MV		396 MV		160 MV	161 MV
SULFATE	40.0 U MG/L		199 U MG/L		13.0 U MG/L	16.0 U MG/L
TOTAL DISSOLVED SOLIDS	940 MG/L		58.0 MG/L		219 MG/L	214 MG/L
TOTAL ORGANIC CARBON	37.8 MG/L		11.3 MG/L		2.9 MG/L	2.9 MG/L
TOTAL SUSPENDED SOLIDS	10100 MG/L		822 MG/L		154 MG/L	4.0 U MG/L
TURBIDITY						
METALS (UNFILTERED)						
ALUMINUM	171000 J UG/L		33700 J UG/L		6220 J UG/L	5190 J UG/L
ANTIMONY	3.8 UR UG/L		3.8 UR UG/L		5.0 U UG/L	3.8 UR UG/L
ARSENIC	36.8 J UG/L		3.1 U UG/L		6.2 U UG/L	3.1 UJ UG/L
BARIUM	3400 J UG/L		250 J UG/L		0.47 UJ UG/L	0.47 UJ UG/L
BERYLLIUM	14.4 U UG/L		0.20 UJ UG/L		0.20 UJ UG/L	0.20 UJ UG/L
CADMIUM	0.50 UJ UG/L		0.50 UJ UG/L		0.50 UJ UG/L	0.50 UJ UG/L
CALCIUM	39700 J UG/L		21600 J UG/L		25800 J UG/L	16800 J UG/L
CHROMIUM	266 J UG/L		25.5 U UG/L		12.2 U UG/L	10.4 U UG/L
COBALT	0.71 UJ UG/L		0.71 UJ UG/L		0.71 UJ UG/L	0.71 UJ UG/L
COPPER	144 J UG/L		1.2 UJ UG/L		1.2 UJ UG/L	1.2 UJ UG/L
IRON	17500 J UG/L		2670 U UG/L		4680 J UG/L	3710 U UG/L
LEAD	237 J UG/L		28.0 J UG/L		10.7 U UG/L	5.6 U UG/L
MAGNESIUM	11400 J UG/L		6580 J UG/L		10.0 UJ UG/L	10.0 UJ UG/L
MANGANESE	66.5 J UG/L		20.8 J UG/L		37.3 J UG/L	20.7 J UG/L
MERCURY	0.25 U UG/L		0.25 U UG/L		0.25 U UG/L	0.25 U UG/L
NICKEL	1.6 UJ UG/L		1.6 UJ UG/L		1.6 UJ UG/L	1.6 UJ UG/L
POTASSIUM	25.3 UJ UG/L		7260 J UG/L		25.3 UJ UG/L	25.3 UJ UG/L

SAMPLE NUMBER	OU2MW08B00	OU2MW08B00-F	OU2MW09A00	OU2MW09A00-F	OU2MW09B00	OU2MW09B00-D
LAB ID NUMBER	F2680-8	F2680-8A	F2680-4	F2680-4A	F2680-5	F2680-6
DATE SAMPLED	7/28/98	7/28/98	7/22/98	7/22/98	7/22/98	7/22/98
PARAMETER	RESULTS	RESULTS	RESULTS	RESULTS	RESULTS	RESULTS
SELENIUM	34.8 U UG/L		6.0 U UG/L		5.9 U UG/L	2.3 UJ UG/L
SILVER	1.8 UJ UG/L		1.8 UJ UG/L		1.8 UJ UG/L	1.8 UJ UG/L
SODIUM	15000 J UG/L		55100 J UG/L		25500 J UG/L	16300 J UG/L
THALLIUM	3.9 UJ UG/L		3.9 UJ UG/L		8.1 U UG/L	3.9 UJ UG/L
VANADIUM	220 J UG/L		1.1 UJ UG/L		1.1 UJ UG/L	1.1 UJ UG/L
ZINC	208 U UG/L		196 U UG/L		186 U UG/L	322 U UG/L
METALS (DISSOLVED)						
ALUMINUM		547 U UG/L		1470 U UG/L		
ANTIMONY		3.8 UJ UG/L		10.5 U UG/L		
ARSENIC		3.1 U UG/L		6.0 U UG/L		
BARIUM		0.47 UJ UG/L		0.47 UJ UG/L		
BERYLLIUM		0.20 UJ UG/L		0.20 UJ UG/L		
CADMIUM		0.50 UJ UG/L		0.50 UJ UG/L		
CALCIUM		8510 J UG/L		23000 J UG/L		
CHROMIUM		0.96 UJ UG/L		26.4 U UG/L		
COBALT		0.71 UJ UG/L		0.71 UJ UG/L		
COPPER		1.2 UJ UG/L		1.2 UJ UG/L		
IRON		2760 U UG/L		793 U UG/L		
LEAD		2.1 UJ UG/L		6.4 U UG/L		
MAGNESIUM		10.0 UJ UG/L		7430 J UG/L		
MANGANESE		36.2 J UG/L		37.9 J UG/L		
MERCURY		0.25 U UG/L		0.25 U UG/L		
NICKEL		1.6 UJ UG/L		1.6 UJ UG/L		
POTASSIUM		25.3 UJ UG/L		8620 J UG/L		
SELENIUM		2.3 UJ UG/L		8.3 U UG/L		
SILVER		1.8 UJ UG/L		1.8 UJ UG/L		
SODIUM		10900 J UG/L		64300 J UG/L		
THALLIUM		3.9 U UG/L		6.5 U UG/L		
VANADIUM		1.1 UJ UG/L		1.1 UJ UG/L		
ZINC		178 U UG/L		254 U UG/L		
RADIOLOGICAL						
CESIUM-137					REJECTED BY LAB AFTER RE-EVALUATION	~~-0.8+/-2.1 pCi/L~~
COBALT-60						
GROSS ALPHA	64.4+/-3.8 pCi/L		28.9+/-3.9 pCi/L		13.3+/-1.2 pCi/L	13.2+/-1.3 pCi/L
GROSS BETA	33.8+/-2.0 pCi/L		34.1+/-2.5 pCi/L		5.6+/-0.9 pCi/L	7.1+/-1.0 pCi/L

SAMPLE NUMBER	OU2MW09B00-F	OU2MW09B00-F-D	OU2MW10A00	OU2MW10A00-F	OU2MW10B00	OU2MW10B00-F
LAB ID NUMBER	F2680-5A	F2680-6A	F2646-20A	F2646-20	F2646-22	F2646-22A
DATE SAMPLED	7/22/98	7/22/98	7/20/98	7/20/98	7/21/98	7/21/98
PARAMETER	RESULTS	RESULTS	RESULTS	RESULTS	RESULTS	RESULTS
VOLATILES						
1,1,1-TRICHLOROETHANE			2 U UG/L		2 U UG/L	
1,1,2,2-TETRACHLOROETHANE			1 U UG/L		1 U UG/L	
1,1,2-TRICHLOROETHANE			2 U UG/L		2 U UG/L	
1,1-DICHLOROETHANE			2 U UG/L		2 U UG/L	
1,1-DICHLOROETHENE			2 U UG/L		2 U UG/L	
1,2-DICHLOROETHANE			2 U UG/L		2 U UG/L	
1,2-DICHLOROPROPANE			2 U UG/L		2 U UG/L	
2-BUTANONE			10 UR UG/L		10 UR UG/L	
2-HEXANONE			10 U UG/L		10 U UG/L	
4-METHYL-2-PENTANONE			10 U UG/L		10 U UG/L	
ACETONE			50 UR UG/L		50 UR UG/L	
BENZENE			1 U UG/L		1 U UG/L	
BROMODICHLOROMETHANE			1 U UG/L		1 U UG/L	
BROMOFORM			2 U UG/L		2 U UG/L	
BROMOMETHANE			5 U UG/L		5 U UG/L	
CARBON DISULFIDE			10 U UG/L		10 U UG/L	
CARBON TETRACHLORIDE			2 U UG/L		2 U UG/L	
CHLOROBENZENE			2 U UG/L		2 U UG/L	
CHLOROETHANE			2 U UG/L		2 U UG/L	
CHLOROFORM			2 U UG/L		2 U UG/L	
CHLOROMETHANE			2 U UG/L		2 U UG/L	
CIS-1,2-DICHLOROETHENE			2 U UG/L		2 U UG/L	
CIS-1,3-DICHLOROPROPENE			2 U UG/L		2 U UG/L	
DIBROMOCHLOROMETHANE			1 U UG/L		1 U UG/L	
ETHYLBENZENE			2 U UG/L		2 U UG/L	
METHANE			58 UG/L		200 UG/L	
METHYLENE CHLORIDE			5 U UG/L		5 U UG/L	
STYRENE			2 U UG/L		2 U UG/L	
TETRACHLOROETHENE			2 U UG/L		2 U UG/L	
TOLUENE			1.8 J UG/L		2 U UG/L	
TRANS-1,2-DICHLOROETHENE			2 U UG/L		2 U UG/L	
TRANS-1,3-DICHLOROPROPENE			1 U UG/L		1 U UG/L	
TRICHLOROETHENE			2 U UG/L		2 U UG/L	
VINYL CHLORIDE			1 U UG/L		1 U UG/L	
XYLENES, TOTAL			6 U UG/L		6 U UG/L	

SAMPLE NUMBER	OU2MW09B00-F	OU2MW09B00-F-D	OU2MW10A00	OU2MW10A00-F	OU2MW10B00	OU2MW10B00-F
LAB ID NUMBER	F2680-5A	F2680-6A	F2646-20A	F2646-20	F2646-22	F2646-22A
DATE SAMPLED	7/22/98	7/22/98	7/20/98	7/20/98	7/21/98	7/21/98
PARAMETER	RESULTS	RESULTS	RESULTS	RESULTS	RESULTS	RESULTS
SEMIVOLATILES						
1,2,4-TRICHLOROBENZENE			10 U UG/L		10 U UG/L	
1,2-DICHLOROBENZENE			10 U UG/L		10 U UG/L	
1,3-DICHLOROBENZENE			10 U UG/L		10 U UG/L	
1,4-DICHLOROBENZENE			10 U UG/L		10 U UG/L	
2,4,5-TRICHLOROPHENOL			4 U UG/L		4 U UG/L	
2,4,6-TRICHLOROPHENOL			4 U UG/L		4 U UG/L	
2,4-DICHLOROPHENOL			4 U UG/L		4 U UG/L	
2,4-DIMETHYLPHENOL			10 U UG/L		10 U UG/L	
2,4-DINITROPHENOL			25 U UG/L		25 U UG/L	
2,4-DINITROTOLUENE			0.2 U UG/L		0.2 U UG/L	
2,6-DINITROTOLUENE			0.2 U UG/L		0.2 U UG/L	
2-CHLORONAPHTHALENE			10 U UG/L		10 U UG/L	
2-CHLOROPHENOL			10 U UG/L		10 U UG/L	
2-METHYLNAPHTHALENE			10 U UG/L		10 U UG/L	
2-METHYLPHENOL			10 U UG/L		10 U UG/L	
2-NITROANILINE			7.5 U UG/L		7.5 U UG/L	
2-NITROPHENOL			10 U UG/L		10 U UG/L	
3&4-METHYLPHENOL			10 U UG/L		10 U UG/L	
3,3'-DICHLOROBENZIDINE			7.5 U UG/L		7.5 U UG/L	
3-NITROANILINE			7.5 U UG/L		7.5 U UG/L	
4,6-DINITRO-2-METHYLPHENOL			10 U UG/L		10 U UG/L	
4-BROMOPHENYL PHENYL ETHER			10 U UG/L		10 U UG/L	
4-CHLORO-3-METHYLPHENOL			10 U UG/L		10 U UG/L	
4-CHLOROANILINE			10 U UG/L		10 U UG/L	
4-CHLOROPHENYL PHENYL ETHER			10 U UG/L		10 U UG/L	
4-NITROANILINE			7.5 U UG/L		7.5 U UG/L	
4-NITROPHENOL			15 U UG/L		15 U UG/L	
ACENAPHTHENE			10 U UG/L		10 U UG/L	
ACENAPHTHYLENE			10 U UG/L		10 U UG/L	
ANTHRACENE			10 U UG/L		10 U UG/L	
BENZO(A)ANTHRACENE			0.2 U UG/L		0.2 U UG/L	
BENZO(A)PYRENE			0.2 U UG/L		0.2 U UG/L	
BENZO(B)FLUORANTHENE			0.2 U UG/L		0.2 U UG/L	
BENZO(G,H,I)PERYLENE			10 U UG/L		10 U UG/L	
BENZO(K)FLUORANTHENE			0.2 U UG/L		0.2 U UG/L	

SAMPLE NUMBER	OU2MW09B00-F	OU2MW09B00-F-D	OU2MW10A00	OU2MW10A00-F	OU2MW10B00	OU2MW10B00-F
LAB ID NUMBER	F2680-5A	F2680-6A	F2646-20A	F2646-20	F2646-22	F2646-22A
DATE SAMPLED	7/22/98	7/22/98	7/20/98	7/20/98	7/21/98	7/21/98
PARAMETER	RESULTS	RESULTS	RESULTS	RESULTS	RESULTS	RESULTS
BIS(2-CHLOROETHOXY)METHANE			10 U UG/L		10 U UG/L	
BIS(2-CHLOROETHYL)ETHER			1.5 U UG/L		1.5 U UG/L	
BIS(2-CHLOROISOPROPYL) ETHER			7.5 U UG/L		7.5 U UG/L	
BIS(2-ETHYLHEXYL)PHTHALATE			6 U UG/L		6 U UG/L	
BUTYLBENZYL PHTHALATE			10 U UG/L		10 U UG/L	
CARBAZOLE			7.5 U UG/L		7.5 U UG/L	
CHRYSENE			5 U UG/L		5 U UG/L	
DI-N-BUTYL PHTHALATE			10 U UG/L		10 U UG/L	
DI-N-OCTYL PHTHALATE			10 U UG/L		10 U UG/L	
DIBENZO(A,H)ANTHRACENE			0.2 U UG/L		0.2 U UG/L	
DIBENZOFURAN			10 U UG/L		10 U UG/L	
DIETHYL PHTHALATE			10 U UG/L		10 U UG/L	
DIMETHYL PHTHALATE			10 U UG/L		10 U UG/L	
FLUORANTHENE			10 U UG/L		10 U UG/L	
FLUORENE			10 U UG/L		10 U UG/L	
HEXACHLOROBENZENE			1 U UG/L		1 U UG/L	
HEXACHLOROBUTADIENE			10 U UG/L		10 U UG/L	
HEXACHLOROCYCLOPENTADIENE			10 U UG/L		10 U UG/L	
HEXACHLOROETHANE			10 U UG/L		10 U UG/L	
INDENO(1,2,3-CD)PYRENE			0.2 U UG/L		0.2 U UG/L	
ISOPHORONE			10 U UG/L		10 U UG/L	
N-NITROSO-DI-N-PROPYLAMINE			1 U UG/L		1 U UG/L	
N-NITROSODIPHENYLAMINE			7.5 U UG/L		7.5 U UG/L	
NAPHTHALENE			5 U UG/L		5 U UG/L	
NITROBENZENE			10 U UG/L		10 U UG/L	
PHENANTHRENE			10 U UG/L		10 U UG/L	
PHENOL			10 U UG/L		10 U UG/L	
PYRENE			10 U UG/L		10 U UG/L	
HERBICIDES						
2,4,5-T			0.047 U UG/L		0.047 U UG/L	
2,4,5-TP (SILVEX)			0.089 U UG/L		0.089 U UG/L	
2,4-D			0.19 U UG/L		0.19 U UG/L	
2,4-DB			0.2 U UG/L		0.2 U UG/L	
DALAPON			0.4 U UG/L		0.4 U UG/L	
DICAMBA			0.2 U UG/L		0.2 U UG/L	
DICHLOROPROP			1 U UG/L		1 U UG/L	

SAMPLE NUMBER	OU2MW09B00-F	OU2MW09B00-F-D	OU2MW10A00	OU2MW10A00-F	OU2MW10B00	OU2MW10B00-F
LAB ID NUMBER	F2680-5A	F2680-6A	F2646-20A	F2646-20	F2646-22	F2646-22A
DATE SAMPLED	7/22/98	7/22/98	7/20/98	7/20/98	7/21/98	7/21/98
PARAMETER	RESULTS	RESULTS	RESULTS	RESULTS	RESULTS	RESULTS
DINOSEB			0.2 U UG/L		0.2 U UG/L	
MCPA			100 U UG/L		100 U UG/L	
MCPP			50 UJ UG/L		50 U UG/L	
PENTACHLOROPHENOL			0.1 U UG/L		0.1 U UG/L	
PESTICIDES/PCBS						
4,4'-DDD			0.10 U UG/L		0.10 UJ UG/L	
4,4'-DDE			0.10 U UG/L		0.10 UJ UG/L	
4,4'-DDT			0.10 U UG/L		0.10 UJ UG/L	
ALDRIN			0.050 U UG/L		0.050 UJ UG/L	
ALPHA-BHC			0.050 U UG/L		0.050 UJ UG/L	
ALPHA-CHLORDANE			0.10 U UG/L		0.10 UJ UG/L	
AROCLOR-1016					0.50 UJ UG/L	
AROCLOR-1221					0.50 UJ UG/L	
AROCLOR-1232					0.50 UJ UG/L	
AROCLOR-1242					0.50 UJ UG/L	
AROCLOR-1248					0.50 UJ UG/L	
AROCLOR-1254					0.50 UJ UG/L	
AROCLOR-1260					0.50 UJ UG/L	
BETA-BHC			0.10 U UG/L		0.10 UJ UG/L	
DELTA-BHC			0.050 U UG/L		0.050 UJ UG/L	
DIELDRIN			0.10 U UG/L		0.10 UJ UG/L	
ENDOSULFAN I			0.050 U UG/L		0.050 UJ UG/L	
ENDOSULFAN II			0.10 U UG/L		0.10 UJ UG/L	
ENDOSULFAN SULFATE			0.10 U UG/L		0.10 UJ UG/L	
ENDRIN			0.10 U UG/L		0.10 UJ UG/L	
ENDRIN ALDEHYDE			0.10 U UG/L		0.10 UJ UG/L	
ENDRIN KETONE			0.10 U UG/L		0.10 UJ UG/L	
GAMMA-BHC (LINDANE)			0.050 U UG/L		0.050 UJ UG/L	
GAMMA-CHLORDANE			0.10 U UG/L		0.10 UJ UG/L	
HEPTACHLOR			0.050 U UG/L		0.050 UJ UG/L	
HEPTACHLOR EPOXIDE			0.050 U UG/L		0.050 UJ UG/L	
METHOXYCHLOR			0.50 U UG/L		0.50 UJ UG/L	
TOXAPHENE			2.5 U UG/L		2.5 UJ UG/L	
PETROLEUM HYDROCARBONS						
TPH (C8-C40)			0.5 U MG/L		0.5 U MG/L	
MISC						

SAMPLE NUMBER	OU2MW09B00-F	OU2MW09B00-F-D	OU2MW10A00	OU2MW10A00-F	OU2MW10B00	OU2MW10B00-F
LAB ID NUMBER	F2680-5A	F2680-6A	F2646-20A	F2646-20	F2646-22	F2646-22A
DATE SAMPLED	7/22/98	7/22/98	7/20/98	7/20/98	7/21/98	7/21/98
PARAMETER	RESULTS	RESULTS	RESULTS	RESULTS	RESULTS	RESULTS
ALKALINITY			6.0 MG/L		62.6 MG/L	
BOD-5DAY (TOTAL)			25.0 U MG/L		25.0 U MG/L	
CHEMICAL OXYGEN DEMAND			99.0 MG/L		59.4 MG/L	
CHLORIDE			9.0 MG/L		40.0 MG/L	
CYANIDE			0.0050 U MG/L		0.0050 U MG/L	
HARDNESS as CaCO3			22.5 MG/L		67.9 MG/L	
NITRATE, AS NITROGEN			0.30 MG/L		0.21 U MG/L	
NITRATE/NITRITE, AS N			0.30 MG/L		0.20 U MG/L	
NITRITE, AS NITROGEN			0.010 U MG/L		0.010 U MG/L	
ORTHOPHOSPHATE			0.10 U MG/L		0.10 U MG/L	
PH			4.8		5.8	
PLATE COUNT, TOTAL			24100 CFU/M		5500 CFU/M	
REDOX POTENTIAL VS H2			346 MV		202 MV	
SULFATE			1360 MG/L		37.0 MG/L	
TOTAL DISSOLVED SOLIDS			52.0 MG/L		104 MG/L	
TOTAL ORGANIC CARBON			12.7 MG/L		7.3 MG/L	
TOTAL SUSPENDED SOLIDS			214 MG/L		313 MG/L	
TURBIDITY						
METALS (UNFILTERED)						
ALUMINUM			512 U UG/L		310 U UG/L	
ANTIMONY			3.8 UR UG/L		3.8 UR UG/L	
ARSENIC			3.1 U UG/L		3.1 U UG/L	
BARIUM			0.47 UJ UG/L		0.47 UJ UG/L	
BERYLLIUM			0.20 U UG/L		0.20 U UG/L	
CADMIUM			0.50 UJ UG/L		0.50 UJ UG/L	
CALCIUM			9030 J UG/L		27200 J UG/L	
CHROMIUM			0.96 UJ UG/L		0.96 UJ UG/L	
COBALT			0.71 UJ UG/L		0.71 UJ UG/L	
COPPER			1.2 U UG/L		1.2 U UG/L	
IRON			1100 J UG/L		1670 J UG/L	
LEAD			3.2 U UG/L		3.6 U UG/L	
MAGNESIUM			10.0 UJ UG/L		10.0 UJ UG/L	
MANGANESE			36.4 J UG/L		38.9 J UG/L	
MERCURY			0.20 U UG/L		0.20 U UG/L	
NICKEL			1.6 UJ UG/L		1.6 UJ UG/L	
POTASSIUM			25.0 UJ UG/L		25.0 UJ UG/L	

SAMPLE NUMBER	OU2MW09B00-F	OU2MW09B00-F-D	OU2MW10A00	OU2MW10A00-F	OU2MW10B00	OU2MW10B00-F
LAB ID NUMBER	F2680-5A	F2680-6A	F2646-20A	F2646-20	F2646-22	F2646-22A
DATE SAMPLED	7/22/98	7/22/98	7/20/98	7/20/98	7/21/98	7/21/98
PARAMETER	RESULTS	RESULTS	RESULTS	RESULTS	RESULTS	RESULTS
SELENIUM			2.3 U UG/L		2.3 U UG/L	
SILVER			1.8 UJ UG/L		1.8 UJ UG/L	
SODIUM			330 UJ UG/L		11100 J UG/L	
THALLIUM			3.9 U UG/L		3.9 U UG/L	
VANADIUM			1.1 UJ UG/L		1.1 UJ UG/L	
ZINC			132 J UG/L		53.9 J UG/L	
METALS (DISSOLVED)						
ALUMINUM	349 U UG/L	447 U UG/L		504 U UG/L		258 U UG/L
ANTIMONY	3.8 UJ UG/L	3.8 UJ UG/L		3.8 UR UG/L		3.8 UR UG/L
ARSENIC	3.1 U UG/L	3.1 U UG/L		3.1 U UG/L		3.1 U UG/L
BARIUM	0.47 UJ UG/L	0.47 UJ UG/L		0.47 UJ UG/L		0.47 UJ UG/L
BERYLLIUM	0.20 UJ UG/L	0.20 UJ UG/L		0.20 U UG/L		0.20 U UG/L
CADMIUM	0.50 UJ UG/L	0.50 UJ UG/L		0.50 UJ UG/L		0.50 UJ UG/L
CALCIUM	18400 J UG/L	20200 J UG/L		8390 J UG/L		22500 J UG/L
CHROMIUM	0.96 UJ UG/L	0.96 UJ UG/L		0.96 UJ UG/L		0.96 UJ UG/L
COBALT	0.71 UJ UG/L	0.71 UJ UG/L		0.71 UJ UG/L		0.71 UJ UG/L
COPPER	1.2 UJ UG/L	1.2 UJ UG/L		1.2 U UG/L		1.2 U UG/L
IRON	3800 U UG/L	4130 J UG/L		999 J UG/L		1440 J UG/L
LEAD	2.1 UJ UG/L	2.1 UJ UG/L		2.1 UJ UG/L		2.1 UJ UG/L
MAGNESIUM	10.0 UJ UG/L	10.0 UJ UG/L		10.0 UJ UG/L		10.0 UJ UG/L
MANGANESE	42.2 J UG/L	47.3 J UG/L		33.5 J UG/L		33.8 J UG/L
MERCURY	0.25 U UG/L	0.25 U UG/L		0.20 U UG/L		0.20 U UG/L
NICKEL	1.6 UJ UG/L	1.6 UJ UG/L		1.6 UJ UG/L		1.6 UJ UG/L
POTASSIUM	25.3 UJ UG/L	25.3 UJ UG/L		25.0 UJ UG/L		25.0 UJ UG/L
SELENIUM	2.3 UJ UG/L	2.3 UJ UG/L		2.3 U UG/L		2.3 U UG/L
SILVER	1.8 UJ UG/L	1.8 UJ UG/L		1.8 UJ UG/L		1.8 UJ UG/L
SODIUM	18600 J UG/L	21000 U UG/L		330 UJ UG/L		9490 J UG/L
THALLIUM	3.9 U UG/L	3.9 U UG/L		3.9 U UG/L		3.9 U UG/L
VANADIUM	1.1 UJ UG/L	1.1 UJ UG/L		1.1 UJ UG/L		1.1 UJ UG/L
ZINC	176 U UG/L	168 U UG/L		68.0 J UG/L		122 J UG/L
RADIOLOGICAL						
CESIUM-137						
COBALT-60						
GROSS ALPHA			4.7+/-0.7 pCi/L		11.8+/-1.2 pCi/L	
GROSS BETA			5.0+/-0.9 pCi/L		7.2+/-1.0 pCi/L	

SAMPLE NUMBER	OU2MW11A00	OU2MW11A00-D	OU2MW11A00-F	OU2MW11A00-F-D	OU2MW11B00	OU2MW11B00-F
LAB ID NUMBER	F2742-20	F2742-24	F2742-20AA	F2742-24AA	F2742-21	F2742-21AA
DATE SAMPLED	8/5/98	8/5/98	8/5/98	8/5/98	8/5/98	8/5/98
PARAMETER	RESULTS	RESULTS	RESULTS	RESULTS	RESULTS	RESULTS
VOLATILES						
1,1,1-TRICHLOROETHANE	2 U UG/L	2 U UG/L			2 U UG/L	
1,1,2,2-TETRACHLOROETHANE	1 U UG/L	1 U UG/L			1 U UG/L	
1,1,2-TRICHLOROETHANE	2 U UG/L	2 U UG/L			2 U UG/L	
1,1-DICHLOROETHANE	2 U UG/L	2 U UG/L			2 U UG/L	
1,1-DICHLOROETHENE	2 U UG/L	2 U UG/L			2 U UG/L	
1,2-DICHLOROETHANE	2 U UG/L	2 U UG/L			2 U UG/L	
1,2-DICHLOROPROPANE	2 U UG/L	2 U UG/L			2 U UG/L	
2-BUTANONE	10 UR UG/L	10 UR UG/L			10 UR UG/L	
2-HEXANONE	10 U UG/L	10 U UG/L			10 U UG/L	
4-METHYL-2-PENTANONE	10 U UG/L	10 U UG/L			10 U UG/L	
ACETONE	50 UR UG/L	50 UR UG/L			50 UR UG/L	
BENZENE	1 U UG/L	1 U UG/L			9.2 UG/L	
BROMODICHLOROMETHANE	1 U UG/L	1 U UG/L			1 U UG/L	
BROMOFORM	2 U UG/L	2 U UG/L			2 U UG/L	
BROMOMETHANE	5 U UG/L	5 U UG/L			5 U UG/L	
CARBON DISULFIDE	10 U UG/L	10 U UG/L			10 U UG/L	
CARBON TETRACHLORIDE	2 U UG/L	2 U UG/L			2 U UG/L	
CHLOROBENZENE	2 U UG/L	2 U UG/L			6.6 UG/L	
CHLOROETHANE	2 U UG/L	2 U UG/L			2 U UG/L	
CHLOROFORM	2 U UG/L	2 U UG/L			2 UG/L	
CHLOROMETHANE	2 U UG/L	2 U UG/L			2 U UG/L	
CIS-1,2-DICHLOROETHENE	2 U UG/L	2 U UG/L			26.5 UG/L	
CIS-1,3-DICHLOROPROPENE	2 U UG/L	2 U UG/L			2 U UG/L	
DIBROMOCHLOROMETHANE	1 U UG/L	1 U UG/L			1 U UG/L	
ETHYLBENZENE	2 U UG/L	2 U UG/L			2 U UG/L	
METHANE	88.9 UG/L	71.7 UG/L			1150 UG/L	
METHYLENE CHLORIDE	5 U UG/L	5 U UG/L			5 U UG/L	
STYRENE	2 U UG/L	2 U UG/L			2 U UG/L	
TETRACHLOROETHENE	2 U UG/L	2 U UG/L			2 U UG/L	
TOLUENE	8.1 UG/L	5.8 UG/L			2.6 UG/L	
TRANS-1,2-DICHLOROETHENE	2 U UG/L	2 U UG/L			7.7 UG/L	
TRANS-1,3-DICHLOROPROPENE	1 U UG/L	1 U UG/L			1 U UG/L	
TRICHLOROETHENE	2 U UG/L	2 U UG/L			3.4 UG/L	
VINYL CHLORIDE	1 U UG/L	1 U UG/L			18.2 UG/L	
XYLENES, TOTAL	6 U UG/L	6 U UG/L			37.2 UG/L	

SAMPLE NUMBER	OU2MW11A00	OU2MW11A00-D	OU2MW11A00-F	OU2MW11A00-F-D	OU2MW11B00	OU2MW11B00-F
LAB ID NUMBER	F2742-20	F2742-24	F2742-20AA	F2742-24AA	F2742-21	F2742-21AA
DATE SAMPLED	8/5/98	8/5/98	8/5/98	8/5/98	8/5/98	8/5/98
PARAMETER	RESULTS	RESULTS	RESULTS	RESULTS	RESULTS	RESULTS
SEMIVOLATILES						
1,2,4-TRICHLOROBENZENE	10 U UG/L	10 U UG/L			10 U UG/L	
1,2-DICHLOROBENZENE	10 U UG/L	10 U UG/L			10 U UG/L	
1,3-DICHLOROBENZENE	10 U UG/L	10 U UG/L			10 U UG/L	
1,4-DICHLOROBENZENE	10 U UG/L	10 U UG/L			10 U UG/L	
2,4,5-TRICHLOROPHENOL	4 U UG/L	4 U UG/L			4 U UG/L	
2,4,6-TRICHLOROPHENOL	4 U UG/L	4 U UG/L			4 U UG/L	
2,4-DICHLOROPHENOL	4 U UG/L	4 U UG/L			4 U UG/L	
2,4-DIMETHYLPHENOL	10 U UG/L	10 U UG/L			10 U UG/L	
2,4-DINITROPHENOL	25 U UG/L	25 U UG/L			25 U UG/L	
2,4-DINITROTOLUENE	0.2 UJ UG/L	0.2 UJ UG/L			0.2 UJ UG/L	
2,6-DINITROTOLUENE	0.2 U UG/L	0.2 U UG/L			0.2 U UG/L	
2-CHLORONAPHTHALENE	10 U UG/L	10 U UG/L			10 U UG/L	
2-CHLOROPHENOL	10 U UG/L	10 U UG/L			10 U UG/L	
2-METHYLNAPHTHALENE	10 U UG/L	10 U UG/L			10 U UG/L	
2-METHYLPHENOL	10 U UG/L	10 U UG/L			10 U UG/L	
2-NITROANILINE	7.5 U UG/L	7.5 U UG/L			7.5 U UG/L	
2-NITROPHENOL	10 U UG/L	10 U UG/L			10 U UG/L	
3&4-METHYLPHENOL	10 U UG/L	10 U UG/L			10 U UG/L	
3,3'-DICHLOROBENZIDINE	7.5 UJ UG/L	7.5 UJ UG/L			7.5 UJ UG/L	
3-NITROANILINE	7.5 U UG/L	7.5 U UG/L			7.5 U UG/L	
4,6-DINITRO-2-METHYLPHENOL	10 U UG/L	10 U UG/L			10 U UG/L	
4-BROMOPHENYL PHENYL ETHER	10 U UG/L	10 U UG/L			10 U UG/L	
4-CHLORO-3-METHYLPHENOL	10 U UG/L	10 U UG/L			10 U UG/L	
4-CHLOROANILINE	10 UJ UG/L	10 U UG/L			10 U UG/L	
4-CHLOROPHENYL PHENYL ETHER	10 U UG/L	10 U UG/L			10 U UG/L	
4-NITROANILINE	7.5 U UG/L	7.5 UJ UG/L			7.5 UJ UG/L	
4-NITROPHENOL	15 U UG/L	15 U UG/L			15 U UG/L	
ACENAPHTHENE	10 U UG/L	10 U UG/L			10 U UG/L	
ACENAPHTHYLENE	10 U UG/L	10 U UG/L			10 U UG/L	
ANTHRACENE	10 U UG/L	10 U UG/L			10 U UG/L	
BENZO(A)ANTHRACENE	0.2 U UG/L	0.2 U UG/L			0.2 U UG/L	
BENZO(A)PYRENE	0.2 U UG/L	0.2 U UG/L			0.2 U UG/L	
BENZO(B)FLUORANTHENE	0.2 U UG/L	0.2 U UG/L			0.2 U UG/L	
BENZO(G,H,I)PERYLENE	10 U UG/L	10 U UG/L			10 U UG/L	
BENZO(K)FLUORANTHENE	0.2 U UG/L	0.2 U UG/L			0.2 U UG/L	

SAMPLE NUMBER	OU2MW11A00	OU2MW11A00-D	OU2MW11A00-F	OU2MW11A00-F-D	OU2MW11B00	OU2MW11B00-F
LAB ID NUMBER	F2742-20	F2742-24	F2742-20AA	F2742-24AA	F2742-21	F2742-21AA
DATE SAMPLED	8/5/98	8/5/98	8/5/98	8/5/98	8/5/98	8/5/98
PARAMETER	RESULTS	RESULTS	RESULTS	RESULTS	RESULTS	RESULTS
BIS(2-CHLOROETHOXY)METHANE	10 U UG/L	10 U UG/L			10 U UG/L	
BIS(2-CHLOROETHYL)ETHER	1.5 U UG/L	1.5 U UG/L			1.5 U UG/L	
BIS(2-CHLOROISOPROPYL) ETHER	7.5 U UG/L	7.5 U UG/L			7.5 U UG/L	
BIS(2-ETHYLHEXYL)PHTHALATE	6 U UG/L	6 U UG/L			6 U UG/L	
BUTYLBENZYL PHTHALATE	10 U UG/L	10 U UG/L			10 U UG/L	
CARBAZOLE	7.5 U UG/L	7.5 U UG/L			7.5 U UG/L	
CHRYSENE	5 U UG/L	5 U UG/L			5 U UG/L	
DI-N-BUTYL PHTHALATE	10 U UG/L	10 U UG/L			10 U UG/L	
DI-N-OCTYL PHTHALATE	10 U UG/L	10 U UG/L			10 U UG/L	
DIBENZO(A,H)ANTHRACENE	0.2 U UG/L	0.2 U UG/L			0.2 U UG/L	
DIBENZOFURAN	10 U UG/L	10 U UG/L			10 U UG/L	
DIETHYL PHTHALATE	10 U UG/L	10 U UG/L			10 U UG/L	
DIMETHYL PHTHALATE	10 U UG/L	10 U UG/L			10 U UG/L	
FLUORANTHENE	10 U UG/L	10 U UG/L			10 U UG/L	
FLUORENE	10 U UG/L	10 U UG/L			10 U UG/L	
HEXACHLOROBENZENE	1 U UG/L	1 U UG/L			1 U UG/L	
HEXACHLOROBUTADIENE	10 U UG/L	10 U UG/L			10 U UG/L	
HEXACHLOROCYCLOPENTADIENE	10 U UG/L	10 U UG/L			10 U UG/L	
HEXACHLOROETHANE	10 U UG/L	10 U UG/L			10 U UG/L	
INDENO(1,2,3-CD)PYRENE	0.2 U UG/L	0.2 U UG/L			0.2 U UG/L	
ISOPHORONE	10 U UG/L	10 U UG/L			10 U UG/L	
N-NITROSO-DI-N-PROPYLAMINE	1 U UG/L	1 U UG/L			1 U UG/L	
N-NITROSODIPHENYLAMINE	7.5 U UG/L	7.5 U UG/L			7.5 U UG/L	
NAPHTHALENE	5 U UG/L	5 U UG/L			5 U UG/L	
NITROBENZENE	10 U UG/L	10 U UG/L			10 U UG/L	
PHENANTHRENE	10 U UG/L	10 U UG/L			10 U UG/L	
PHENOL	10 U UG/L	10 U UG/L			10 U UG/L	
PYRENE	10 U UG/L	10 U UG/L			10 U UG/L	
HERBICIDES						
2,4,5-T	0.047 U UG/L	0.047 U UG/L			0.047 U UG/L	
2,4,5-TP (SILVEX)	0.089 U UG/L	0.089 U UG/L			0.089 U UG/L	
2,4-D	0.19 U UG/L	0.19 U UG/L			0.19 U UG/L	
2,4-DB	0.2 U UG/L	0.2 U UG/L			0.2 U UG/L	
DALAPON	0.4 U UG/L	0.4 U UG/L			0.4 U UG/L	
DICAMBA	0.2 U UG/L	0.2 U UG/L			0.2 U UG/L	
DICHLOROPROP	1 U UG/L	1 U UG/L			1 U UG/L	

SAMPLE NUMBER	OU2MW11A00	OU2MW11A00-D	OU2MW11A00-F	OU2MW11A00-F-D	OU2MW11B00	OU2MW11B00-F
LAB ID NUMBER	F2742-20	F2742-24	F2742-20AA	F2742-24AA	F2742-21	F2742-21AA
DATE SAMPLED	8/5/98	8/5/98	8/5/98	8/5/98	8/5/98	8/5/98
PARAMETER	RESULTS	RESULTS	RESULTS	RESULTS	RESULTS	RESULTS
DINOSEB	0.2 U UG/L	0.2 U UG/L			0.2 U UG/L	
MCPA	100 U UG/L	100 U UG/L			100 U UG/L	
MCPP	50 U UG/L	50 U UG/L			50 U UG/L	
PENTACHLOROPHENOL	0.1 U UG/L	0.1 U UG/L			0.1 U UG/L	
PESTICIDES/PCBS						
4,4'-DDD	0.10 UJ UG/L	0.10 UJ UG/L			0.10 U UG/L	
4,4'-DDE	0.10 UJ UG/L	0.10 UJ UG/L			0.10 U UG/L	
4,4'-DDT	0.10 UJ UG/L	0.10 UJ UG/L			0.10 UJ UG/L	
ALDRIN	0.050 UJ UG/L	0.050 UJ UG/L			0.050 U UG/L	
ALPHA-BHC	0.050 UJ UG/L	0.050 UJ UG/L			0.050 U UG/L	
ALPHA-CHLORDANE	0.10 UJ UG/L	0.10 UJ UG/L			0.10 U UG/L	
AROCLOR-1016						
AROCLOR-1221						
AROCLOR-1232						
AROCLOR-1242						
AROCLOR-1248						
AROCLOR-1254						
AROCLOR-1260						
BETA-BHC	0.10 UJ UG/L	0.10 UJ UG/L			0.10 U UG/L	
DELTA-BHC	0.050 UJ UG/L	0.050 UJ UG/L			0.050 U UG/L	
DIELDRIN	0.10 UJ UG/L	0.10 UJ UG/L			0.10 U UG/L	
ENDOSULFAN I	0.050 UJ UG/L	0.050 UJ UG/L			0.050 U UG/L	
ENDOSULFAN II	0.10 UJ UG/L	0.10 UJ UG/L			0.10 U UG/L	
ENDOSULFAN SULFATE	0.10 UJ UG/L	0.10 UJ UG/L			0.10 U UG/L	
ENDRIN	0.10 UJ UG/L	0.10 UJ UG/L			0.10 U UG/L	
ENDRIN ALDEHYDE	0.10 UJ UG/L	0.10 UJ UG/L			0.10 UJ UG/L	
ENDRIN KETONE	0.10 UJ UG/L	0.10 UJ UG/L			0.10 U UG/L	
GAMMA-BHC (LINDANE)	0.050 UJ UG/L	0.050 UJ UG/L			0.050 U UG/L	
GAMMA-CHLORDANE	0.10 UJ UG/L	0.10 UJ UG/L			0.10 U UG/L	
HEPTACHLOR	0.050 UJ UG/L	0.050 UJ UG/L			0.050 U UG/L	
HEPTACHLOR EPOXIDE	0.050 UJ UG/L	0.050 UJ UG/L			0.050 U UG/L	
METHOXYCHLOR	0.50 UJ UG/L	0.50 UJ UG/L			0.50 UJ UG/L	
TOXAPHENE	2.5 UJ UG/L	2.5 UJ UG/L			2.5 U UG/L	
PETROLEUM HYDROCARBONS						
TPH (C8-C40)	0.5 U MG/L	0.5 U MG/L			0.64 MG/L	
MISC						

SAMPLE NUMBER	OU2MW11A00	OU2MW11A00-D	OU2MW11A00-F	OU2MW11A00-F-D	OU2MW11B00	OU2MW11B00-F
LAB ID NUMBER	F2742-20	F2742-24	F2742-20AA	F2742-24AA	F2742-21	F2742-21AA
DATE SAMPLED	8/5/98	8/5/98	8/5/98	8/5/98	8/5/98	8/5/98
PARAMETER	RESULTS	RESULTS	RESULTS	RESULTS	RESULTS	RESULTS
ALKALINITY	21.0 MG/L	14.0 MG/L			12.5 MG/L	
BOD-5DAY (TOTAL)	4.8 U MG/L	5.0 U MG/L			6.1 MG/L	
CHEMICAL OXYGEN DEMAND	30.0 MG/L	27.0 J MG/L			25.0 J MG/L	
CHLORIDE	40.0 MG/L	15.0 MG/L			5.5 MG/L	
CYANIDE	0.0050 U MG/L	0.0050 U MG/L			0.0050 U MG/L	
HARDNESS as CaCO3	59.9 MG/L	72.7 MG/L			63.9 MG/L	
NITRATE, AS NITROGEN	0.11 U MG/L	0.11 U MG/L			0.11 U MG/L	
NITRATE/NITRITE, AS N	0.10 U MG/L	0.10 U MG/L			0.10 U MG/L	
NITRITE, AS NITROGEN	0.013 MG/L	0.010 U MG/L			0.025 MG/L	
ORTHOPHOSPHATE	0.10 U MG/L	0.10 U MG/L			4.3 MG/L	
PH	4.9	4.9			6	
PLATE COUNT, TOTAL	>30000 CFU/M	30800 CFU/M			>30000 CFU/M	
REDOX POTENTIAL VS H2	383 MV	366 MV			208 MV	
SULFATE	141 MG/L	148 MG/L			113 MG/L	
TOTAL DISSOLVED SOLIDS	3720 MG/L	3040 MG/L			372 MG/L	
TOTAL ORGANIC CARBON	13.4 MG/L	16.5 MG/L			17.6 MG/L	
TOTAL SUSPENDED SOLIDS	628 MG/L	315 MG/L			737 MG/L	
TURBIDITY	10500 NTU	6100 NTU			1020 NTU	
METALS (UNFILTERED)						
ALUMINUM	123000 J UG/L	126000 J UG/L			32100 J UG/L	
ANTIMONY	3.8 UR UG/L	3.8 UR UG/L			3.8 UR UG/L	
ARSENIC	21.0 U UG/L	23.6 U UG/L			10.6 U UG/L	
BARIUM	732 U UG/L	1360 U UG/L			772 U UG/L	
BERYLLIUM	10.5 U UG/L	10.9 U UG/L			5.0 U UG/L	
CADMIUM	0.50 U UG/L	0.50 U UG/L			0.50 U UG/L	
CALCIUM	12600 J UG/L	15200 J UG/L			25600 J UG/L	
CHROMIUM	160 J UG/L	163 J UG/L			43.6 J UG/L	
COBALT	0.70 UJ UG/L	0.71 UJ UG/L			0.71 UJ UG/L	
COPPER	78.7 UG/L	97.1 UG/L			1.2 U UG/L	
IRON	10900 J UG/L	11600 J UG/L			3780 J UG/L	
LEAD	158 J UG/L	164 J UG/L			37.0 J UG/L	
MAGNESIUM	6900 J UG/L	8440 J UG/L			10.0 UJ UG/L	
MANGANESE	25.1 J UG/L	28.5 J UG/L			15.0 U UG/L	
MERCURY	0.20 U UG/L	0.20 U UG/L			0.20 U UG/L	
NICKEL	1.6 UJ UG/L	1.6 UJ UG/L			1.6 UJ UG/L	
POTASSIUM	25.0 UJ UG/L	25.0 UJ UG/L			24000 J UG/L	

SAMPLE NUMBER	OU2MW11A00	OU2MW11A00-D	OU2MW11A00-F	OU2MW11A00-F-D	OU2MW11B00	OU2MW11B00-F
LAB ID NUMBER	F2742-20	F2742-24	F2742-20AA	F2742-24AA	F2742-21	F2742-21AA
DATE SAMPLED	8/5/98	8/5/98	8/5/98	8/5/98	8/5/98	8/5/98
PARAMETER	RESULTS	RESULTS	RESULTS	RESULTS	RESULTS	RESULTS
SELENIUM	31.4 UG/L	36.7 UG/L				
SILVER	1.8 UJ UG/L	1.8 UJ UG/L			2.3 U UG/L	
SODIUM	330 UJ UG/L	6150 J UG/L			1.8 UJ UG/L	
THALLIUM	3.9 U UG/L	3.9 U UG/L			51900 J UG/L	
VANADIUM	214 J UG/L	236 J UG/L			3.9 U UG/L	
ZINC	165 U UG/L	213 U UG/L			1.1 UJ UG/L	
METALS (DISSOLVED)					146 U UG/L	
ALUMINUM			18300 J UG/L	25400 J UG/L		5140 J UG/L
ANTIMONY			3.8 UR UG/L	3.8 UR UG/L		3.8 UR UG/L
ARSENIC			3.1 U UG/L	5.3 U UG/L		3.1 U UG/L
BARIUM			0.47 U UG/L	0.47 U UG/L		0.47 U UG/L
BERYLLIUM			0.20 U UG/L	0.20 U UG/L		0.20 U UG/L
CADMIUM			0.50 U UG/L	0.50 U UG/L		0.50 U UG/L
CALCIUM			5750 J UG/L	7400 J UG/L		16800 J UG/L
CHROMIUM			20.7 U UG/L	34.6 U UG/L		14.0 U UG/L
COBALT			0.71 UJ UG/L	0.71 UJ UG/L		0.71 UJ UG/L
COPPER			1.2 U UG/L	1.2 U UG/L		1.2 U UG/L
IRON			3990 J UG/L	4480 J UG/L		1710 U UG/L
LEAD			11.7 U UG/L	21.7 J UG/L		5.0 U UG/L
MAGNESIUM			10.0 UJ UG/L	10.0 UJ UG/L		10.0 UJ UG/L
MANGANESE			41.7 J UG/L	35.7 J UG/L		31.5 J UG/L
MERCURY			0.20 U UG/L	0.20 U UG/L		0.20 U UG/L
NICKEL			1.6 UJ UG/L	1.6 UJ UG/L		1.6 UJ UG/L
POTASSIUM			25.0 UJ UG/L	25.0 UJ UG/L		24700 J UG/L
SELENIUM			2.3 U UG/L	2.3 U UG/L		2.3 U UG/L
SILVER			1.8 UJ UG/L	1.8 UJ UG/L		1.8 UJ UG/L
SODIUM			5250 U UG/L	6430 J UG/L		55700 J UG/L
THALLIUM			3.9 U UG/L	3.9 U UG/L		3.9 U UG/L
VANADIUM			1.1 UJ UG/L	1.1 UJ UG/L		1.1 UJ UG/L
ZINC			173 U UG/L	183 U UG/L		139 U UG/L
RADIOLOGICAL						
CESIUM-137						
COBALT-60						
GROSS ALPHA	50.4+/-2.5 pCi/L	39.8+/-2.1 pCi/L			21.8+/-2.4 pCi/L	
GROSS BETA	33.1+/-1.4 pCi/L	25.1+/-1.3 pCi/L			43.5+/-2.0 pCi/L	

GROUNDWATER SAMPLES

SAMPLE NUMBER	OU2MW12A00	OU2MW12A00-F	OU2MW12B00	OU2MW12B00-F	OU2MW13A00	OU2MW13A00-F
LAB ID NUMBER	F2742-15	F2742-15AA	F2742-13	F2742-13AA	F2646-23	F2646-23A
DATE SAMPLED	8/4/98	8/4/98	8/3/98	8/3/98	7/21/98	7/21/98
PARAMETER	RESULTS	RESULTS	RESULTS	RESULTS	RESULTS	RESULTS
VOLATILES						
1,1,1-TRICHLOROETHANE	2 U UG/L		2 U UG/L		2 U UG/L	
1,1,2,2-TETRACHLOROETHANE	1 U UG/L		1 U UG/L		1 U UG/L	
1,1,2-TRICHLOROETHANE	2 U UG/L		2 U UG/L		2 U UG/L	
1,1-DICHLOROETHANE	2 U UG/L		2 U UG/L		2 U UG/L	
1,1-DICHLOROETHENE	2 U UG/L		2 U UG/L		2 U UG/L	
1,2-DICHLOROETHANE	2 U UG/L		2 U UG/L		2 U UG/L	
1,2-DICHLOROPROPANE	2 U UG/L		2 U UG/L		2 U UG/L	
2-BUTANONE	10 UR UG/L		10 UR UG/L		10 UR UG/L	
2-HEXANONE	10 U UG/L		10 U UG/L		10 U UG/L	
4-METHYL-2-PENTANONE	10 U UG/L		10 U UG/L		10 U UG/L	
ACETONE	50 UR UG/L		50 UR UG/L		50 UR UG/L	
BENZENE	1 U UG/L		8.6 UG/L		1 U UG/L	
BROMODICHLOROMETHANE	1 U UG/L		1 U UG/L		1 U UG/L	
BROMOFORM	2 U UG/L		2 U UG/L		2 U UG/L	
BROMOMETHANE	5 U UG/L		5 U UG/L		5 U UG/L	
CARBON DISULFIDE	10 U UG/L		10 U UG/L		10 U UG/L	
CARBON TETRACHLORIDE	2 U UG/L		2 U UG/L		2 U UG/L	
CHLOROBENZENE	2 U UG/L		13 UG/L		2 U UG/L	
CHLOROETHANE	2 U UG/L		2 U UG/L		2 U UG/L	
CHLOROFORM	2 U UG/L		2 U UG/L		2 U UG/L	
CHLOROMETHANE	2 U UG/L		2 U UG/L		2 U UG/L	
CIS-1,2-DICHLOROETHENE	2 U UG/L		2 U UG/L		2 U UG/L	
CIS-1,3-DICHLOROPROPENE	2 U UG/L		2 U UG/L		2 U UG/L	
DIBROMOCHLOROMETHANE	1 U UG/L		1 U UG/L		1 U UG/L	
ETHYLBENZENE	2 U UG/L		2 U UG/L		2 U UG/L	
METHANE	50 U UG/L		720 UG/L		50 U UG/L	
METHYLENE CHLORIDE	5 U UG/L		5 U UG/L		5 U UG/L	
STYRENE	2 U UG/L		2 U UG/L		2 U UG/L	
TETRACHLOROETHENE	2 U UG/L		2.8 UG/L		2 U UG/L	
TOLUENE	2 U UG/L		2 U UG/L		2 U UG/L	
TRANS-1,2-DICHLOROETHENE	2 U UG/L		2 U UG/L		2 U UG/L	
TRANS-1,3-DICHLOROPROPENE	1 U UG/L		1 U UG/L		1 U UG/L	
TRICHLOROETHENE	2 U UG/L		2 U UG/L		2 U UG/L	
VINYL CHLORIDE	1 U UG/L		1.5 UG/L		1 U UG/L	
XYLENES, TOTAL	6 U UG/L		6 U UG/L		6 U UG/L	

SAMPLE NUMBER	OU2MW12A00	OU2MW12A00-F	OU2MW12B00	OU2MW12B00-F	OU2MW13A00	OU2MW13A00-F
LAB ID NUMBER	F2742-15	F2742-15AA	F2742-13	F2742-13AA	F2646-23	F2646-23A
DATE SAMPLED	8/4/98	8/4/98	8/3/98	8/3/98	7/21/98	7/21/98
PARAMETER	RESULTS	RESULTS	RESULTS	RESULTS	RESULTS	RESULTS
SEMIVOLATILES						
1,2,4-TRICHLOROBENZENE	10 U UG/L		10 U UG/L		10 U UG/L	
1,2-DICHLOROBENZENE	10 U UG/L		10 U UG/L		10 U UG/L	
1,3-DICHLOROBENZENE	10 U UG/L		10 U UG/L		10 U UG/L	
1,4-DICHLOROBENZENE	10 U UG/L		10 U UG/L		10 U UG/L	
2,4,5-TRICHLOROPHENOL	4 U UG/L		4 U UG/L		4 U UG/L	
2,4,6-TRICHLOROPHENOL	4 U UG/L		4 U UG/L		4 U UG/L	
2,4-DICHLOROPHENOL	4 U UG/L		4 U UG/L		4 U UG/L	
2,4-DIMETHYLPHENOL	10 U UG/L		10 U UG/L		10 U UG/L	
2,4-DINITROPHENOL	25 U UG/L		25 U UG/L		25 U UG/L	
2,4-DINITROTOLUENE	0.2 UJ UG/L		0.2 UJ UG/L		0.2 U UG/L	
2,6-DINITROTOLUENE	0.2 U UG/L		0.2 U UG/L		0.2 U UG/L	
2-CHLORONAPHTHALENE	10 U UG/L		10 U UG/L		10 U UG/L	
2-CHLOROPHENOL	10 U UG/L		10 U UG/L		10 U UG/L	
2-METHYLNAPHTHALENE	10 U UG/L		10 U UG/L		10 U UG/L	
2-METHYLPHENOL	10 U UG/L		10 U UG/L		10 U UG/L	
2-NITROANILINE	7.5 U UG/L		7.5 U UG/L		7.5 U UG/L	
2-NITROPHENOL	10 U UG/L		10 U UG/L		10 U UG/L	
3&4-METHYLPHENOL	10 U UG/L		10 U UG/L		10 U UG/L	
3,3'-DICHLOROBENZIDINE	7.5 UJ UG/L		7.5 UJ UG/L		7.5 U UG/L	
3-NITROANILINE	7.5 U UG/L		7.5 U UG/L		7.5 U UG/L	
4,6-DINITRO-2-METHYLPHENOL	10 U UG/L		10 U UG/L		10 U UG/L	
4-BROMOPHENYL PHENYL ETHER	10 U UG/L		10 U UG/L		10 U UG/L	
4-CHLORO-3-METHYLPHENOL	10 U UG/L		10 U UG/L		10 U UG/L	
4-CHLOROANILINE	10 U UG/L		10 U UG/L		10 U UG/L	
4-CHLOROPHENYL PHENYL ETHER	10 U UG/L		10 U UG/L		10 U UG/L	
4-NITROANILINE	7.5 UJ UG/L		7.5 UJ UG/L		7.5 U UG/L	
4-NITROPHENOL	15 U UG/L		15 U UG/L		15 U UG/L	
ACENAPHTHENE	10 U UG/L		10 U UG/L		10 U UG/L	
ACENAPHTHYLENE	10 U UG/L		10 U UG/L		10 U UG/L	
ANTHRACENE	10 U UG/L		10 U UG/L		10 U UG/L	
BENZO(A)ANTHRACENE	0.2 U UG/L		0.2 U UG/L		0.2 U UG/L	
BENZO(A)PYRENE	0.2 U UG/L		0.2 U UG/L		0.2 U UG/L	
BENZO(B)FLUORANTHENE	0.2 U UG/L		0.2 U UG/L		0.2 U UG/L	
BENZO(G,H,I)PERYLENE	10 U UG/L		10 U UG/L		10 U UG/L	
BENZO(K)FLUORANTHENE	0.2 U UG/L		0.2 U UG/L		0.2 U UG/L	

SAMPLE NUMBER	OU2MW12A00	OU2MW12A00-F	OU2MW12B00	OU2MW12B00-F	OU2MW13A00	OU2MW13A00-F
LAB ID NUMBER	F2742-15	F2742-15AA	F2742-13	F2742-13AA	F2646-23	F2646-23A
DATE SAMPLED	8/4/98	8/4/98	8/3/98	8/3/98	7/21/98	7/21/98
PARAMETER	RESULTS	RESULTS	RESULTS	RESULTS	RESULTS	RESULTS
BIS(2-CHLOROETHOXY)METHANE	10 U UG/L		10 U UG/L		10 U UG/L	
BIS(2-CHLOROETHYL)ETHER	1.5 U UG/L		1.5 U UG/L		1.5 U UG/L	
BIS(2-CHLOROISOPROPYL) ETHER	7.5 U UG/L		7.5 U UG/L		7.5 U UG/L	
BIS(2-ETHYLHEXYL)PHTHALATE	6 U UG/L		6 U UG/L		6 U UG/L	
BUTYLBENZYL PHTHALATE	10 U UG/L		10 U UG/L		10 U UG/L	
CARBAZOLE	7.5 U UG/L		7.5 U UG/L		7.5 U UG/L	
CHRYSENE	5 U UG/L		5 U UG/L		5 U UG/L	
DI-N-BUTYL PHTHALATE	10 U UG/L		10 U UG/L		0.09 J UG/L	
DI-N-OCTYL PHTHALATE	10 U UG/L		10 U UG/L		10 U UG/L	
DIBENZO(A,H)ANTHRACENE	0.2 U UG/L		0.2 U UG/L		0.2 U UG/L	
DIBENZOFURAN	10 U UG/L		10 U UG/L		10 U UG/L	
DIETHYL PHTHALATE	10 U UG/L		10 U UG/L		10 U UG/L	
DIMETHYL PHTHALATE	10 U UG/L		10 U UG/L		10 U UG/L	
FLUORANTHENE	10 U UG/L		10 U UG/L		10 U UG/L	
FLUORENE	10 U UG/L		10 U UG/L		10 U UG/L	
HEXACHLOROBENZENE	1 U UG/L		1 U UG/L		1 U UG/L	
HEXACHLOROBUTADIENE	10 U UG/L		10 U UG/L		10 U UG/L	
HEXACHLOROCYCLOPENTADIENE	10 U UG/L		10 U UG/L		10 U UG/L	
HEXACHLOROETHANE	10 U UG/L		10 U UG/L		10 U UG/L	
INDENO(1,2,3-CD)PYRENE	0.2 U UG/L		0.2 U UG/L		0.2 U UG/L	
ISOPHORONE	10 U UG/L		10 U UG/L		10 U UG/L	
N-NITROSO-DI-N-PROPYLAMINE	1 U UG/L		1 U UG/L		1 U UG/L	
N-NITROSODIPHENYLAMINE	7.5 U UG/L		7.5 U UG/L		7.5 U UG/L	
NAPHTHALENE	5 U UG/L		6.1 UG/L		5 U UG/L	
NITROBENZENE	10 U UG/L		10 U UG/L		10 U UG/L	
PHENANTHRENE	10 U UG/L		10 U UG/L		10 U UG/L	
PHENOL	10 U UG/L		10 U UG/L		10 U UG/L	
PYRENE	10 U UG/L		10 U UG/L		10 U UG/L	
HERBICIDES						
2,4,5-T	0.047 U UG/L		0.047 U UG/L		0.047 U UG/L	
2,4,5-TP (SILVEX)	0.089 U UG/L		0.089 U UG/L		0.089 U UG/L	
2,4-D	0.19 U UG/L		0.19 U UG/L		0.19 U UG/L	
2,4-DB	0.2 U UG/L		0.2 U UG/L		0.2 U UG/L	
DALAPON	0.4 U UG/L		0.4 U UG/L		0.4 U UG/L	
DICAMBA	0.2 U UG/L		0.2 U UG/L		0.2 U UG/L	
DICHLOROPROP	1 U UG/L		1 U UG/L		1 U UG/L	

SAMPLE NUMBER	OU2MW12A00	OU2MW12A00-F	OU2MW12B00	OU2MW12B00-F	OU2MW13A00	OU2MW13A00-F
LAB ID NUMBER	F2742-15	F2742-15AA	F2742-13	F2742-13AA	F2646-23	F2646-23A
DATE SAMPLED	8/4/98	8/4/98	8/3/98	8/3/98	7/21/98	7/21/98
PARAMETER	RESULTS	RESULTS	RESULTS	RESULTS	RESULTS	RESULTS
DINOSEB	0.2 U UG/L		0.2 U UG/L		0.2 U UG/L	
MCPA	100 U UG/L		100 U UG/L		100 U UG/L	
MCPP	50 U UG/L		50 U UG/L		50 U UG/L	
PENTACHLOROPHENOL	0.1 U UG/L		0.1 U UG/L		0.1 U UG/L	
PESTICIDES/PCBS						
4,4'-DDD	0.10 U UG/L		0.10 U UG/L		0.10 U UG/L	
4,4'-DDE	0.10 U UG/L		0.10 U UG/L		0.10 U UG/L	
4,4'-DDT	0.10 U UG/L		0.10 U UG/L		0.10 U UG/L	
ALDRIN	0.050 U UG/L		0.050 U UG/L		0.050 U UG/L	
ALPHA-BHC	0.050 U UG/L		0.050 U UG/L		0.050 U UG/L	
ALPHA-CHLORDANE	0.10 U UG/L		0.10 U UG/L		0.10 U UG/L	
AROCLOR-1016	0.50 U UG/L					
AROCLOR-1221	0.50 U UG/L					
AROCLOR-1232	0.50 U UG/L					
AROCLOR-1242	0.50 U UG/L					
AROCLOR-1248	0.50 U UG/L					
AROCLOR-1254	0.50 U UG/L					
AROCLOR-1260	0.50 U UG/L					
BETA-BHC	0.10 U UG/L		0.10 U UG/L		0.10 U UG/L	
DELTA-BHC	0.050 U UG/L		0.050 U UG/L		0.050 U UG/L	
DIELDRIN	0.10 U UG/L		0.10 U UG/L		0.10 U UG/L	
ENDOSULFAN I	0.050 U UG/L		0.050 U UG/L		0.050 U UG/L	
ENDOSULFAN II	0.10 U UG/L		0.10 U UG/L		0.10 U UG/L	
ENDOSULFAN SULFATE	0.10 U UG/L		0.10 U UG/L		0.10 U UG/L	
ENDRIN	0.10 U UG/L		0.10 U UG/L		0.10 U UG/L	
ENDRIN ALDEHYDE	0.10 U UG/L		0.10 U UG/L		0.10 U UG/L	
ENDRIN KETONE	0.10 U UG/L		0.10 U UG/L		0.10 U UG/L	
GAMMA-BHC (LINDANE)	0.050 U UG/L		0.050 U UG/L		0.050 U UG/L	
GAMMA-CHLORDANE	0.10 U UG/L		0.10 U UG/L		0.10 U UG/L	
HEPTACHLOR	0.050 U UG/L		0.050 U UG/L		0.050 U UG/L	
HEPTACHLOR EPOXIDE	0.050 U UG/L		0.050 U UG/L		0.050 U UG/L	
METHOXYCHLOR	0.50 U UG/L		0.50 U UG/L		0.50 U UG/L	
TOXAPHENE	2.5 U UG/L		2.5 U UG/L		2.5 U UG/L	
PETROLEUM HYDROCARBONS						
TPH (C8-C40)	0.5 U MG/L		0.718 MG/L		0.5 U MG/L	
MISC						

SAMPLE NUMBER	OU2MW12A00	OU2MW12A00-F	OU2MW12B00	OU2MW12B00-F	OU2MW13A00	OU2MW13A00-F
LAB ID NUMBER	F2742-15	F2742-15AA	F2742-13	F2742-13AA	F2646-23	F2646-23A
DATE SAMPLED	8/4/98	8/4/98	8/3/98	8/3/98	7/21/98	7/21/98
PARAMETER	RESULTS	RESULTS	RESULTS	RESULTS	RESULTS	RESULTS
ALKALINITY	42.0 MG/L		8.5 MG/L		15.2 MG/L	
BOD-5DAY (TOTAL)	5.0 U MG/L		3.2 MG/L		25.0 U MG/L	
CHEMICAL OXYGEN DEMAND	20.0 UJ MG/L		20.0 UJ MG/L		99.0 MG/L	
CHLORIDE	15.0 MG/L		15.5 MG/L		35.0 MG/L	
CYANIDE	0.0050 U MG/L		0.0050 U MG/L		0.0050 U MG/L	
HARDNESS as CaCO3	4.0 U MG/L		72.4 MG/L		12.5 MG/L	
NITRATE, AS NITROGEN	0.11 U MG/L		0.11 U MG/L		0.21 U MG/L	
NITRATE/NITRITE, AS N	0.10 U MG/L		0.10 U MG/L		0.20 U MG/L	
NITRITE, AS NITROGEN	0.010 U MG/L		0.010 U MG/L		0.010 U MG/L	
ORTHOPHOSPHATE	0.10 U MG/L		0.58 MG/L		0.40 MG/L	
PH	4.6		5.5		5.0	
PLATE COUNT, TOTAL	4200 CFU/M		4000 CFU/M		10200 CFU/M	
REDOX POTENTIAL VS H2	254 MV		90.8 MV		415 MV	
SULFATE	16.1 MG/L		17.8 MG/L		16.0 MG/L	
TOTAL DISSOLVED SOLIDS	77.0 MG/L		144 MG/L		97.0 MG/L	
TOTAL ORGANIC CARBON	4.5 MG/L		15.2 MG/L		26.7 MG/L	
TOTAL SUSPENDED SOLIDS	10.0 MG/L		155 MG/L		77.0 MG/L	
TURBIDITY	9.0 NTU		191 NTU			
METALS (UNFILTERED)						
ALUMINUM	988 U UG/L		8290 J UG/L		1360 J UG/L	
ANTIMONY	3.8 UR UG/L		3.8 UR UG/L		3.8 UR UG/L	
ARSENIC	3.1 U UG/L		3.1 U UG/L		3.1 U UG/L	
BARIUM	0.47 U UG/L		0.47 U UG/L		0.47 UJ UG/L	
BERYLLIUM	0.20 U UG/L		0.20 U UG/L		0.20 U UG/L	
CADMIUM	0.50 U UG/L		0.50 U UG/L		0.50 UJ UG/L	
CALCIUM	6.6 UJ UG/L		29000 J UG/L		5000 J UG/L	
CHROMIUM	0.96 UJ UG/L		18.0 U UG/L		0.96 UJ UG/L	
COBALT	0.71 UJ UG/L		0.71 UJ UG/L		0.71 UJ UG/L	
COPPER	1.2 U UG/L		1.2 U UG/L		1.2 U UG/L	
IRON	1180 U UG/L		4490 J UG/L		149 U UG/L	
LEAD	2.1 UJ UG/L		11.7 U UG/L		2.1 UJ UG/L	
MAGNESIUM	10.0 UJ UG/L		10.0 UJ UG/L		10.0 UJ UG/L	
MANGANESE	20.2 J UG/L		53.0 J UG/L		29.0 J UG/L	
MERCURY	0.20 U UG/L		0.20 U UG/L		0.20 U UG/L	
NICKEL	1.6 UJ UG/L		1.6 UJ UG/L		1.6 UJ UG/L	
POTASSIUM	25.0 UJ UG/L		25.0 UJ UG/L		25.0 UJ UG/L	

SAMPLE NUMBER	OU2MW12A00	OU2MW12A00-F	OU2MW12B00	OU2MW12B00-F	OU2MW13A00	OU2MW13A00-F
LAB ID NUMBER	F2742-15	F2742-15AA	F2742-13	F2742-13AA	F2646-23	F2646-23A
DATE SAMPLED	8/4/98	8/4/98	8/3/98	8/3/98	7/21/98	7/21/98
PARAMETER	RESULTS	RESULTS	RESULTS	RESULTS	RESULTS	RESULTS
SELENIUM	2.3 U UG/L		2.3 U UG/L		2.3 U UG/L	
SILVER	1.8 UJ UG/L		1.8 UJ UG/L		1.8 UJ UG/L	
SODIUM	8100 J UG/L		12000 J UG/L		24300 J UG/L	
THALLIUM	3.9 U UG/L		3.9 U UG/L		3.9 U UG/L	
VANADIUM	1.1 UJ UG/L		1.1 UJ UG/L		1.1 UJ UG/L	
ZINC	174 U UG/L		202 U UG/L		60.2 J UG/L	
METALS (DISSOLVED)						
ALUMINUM		940 U UG/L		907 U UG/L		1150 U UG/L
ANTIMONY		5.5 U UG/L		7.5 U UG/L		3.8 UR UG/L
ARSENIC		3.1 U UG/L		3.1 U UG/L		3.1 U UG/L
BARIUM		0.47 U UG/L		1250 J UG/L		0.47 UJ UG/L
BERYLLIUM		0.20 U UG/L		0.20 U UG/L		0.20 U UG/L
CADMIUM		0.50 U UG/L		0.50 U UG/L		0.50 UJ UG/L
CALCIUM		6.6 UJ UG/L		22500 J UG/L		6.6 UJ UG/L
CHROMIUM		0.96 UJ UG/L		290 J UG/L		0.96 UJ UG/L
COBALT		0.71 UJ UG/L		0.71 UJ UG/L		0.71 UJ UG/L
COPPER		1.2 U UG/L		1.2 U UG/L		1.2 U UG/L
IRON		1140 U UG/L		3850 J UG/L		165 U UG/L
LEAD		2.1 UJ UG/L		10.3 U UG/L		2.1 UJ UG/L
MAGNESIUM		10.0 UJ UG/L		10.0 UJ UG/L		10.0 UJ UG/L
MANGANESE		18.8 U UG/L		50.6 J UG/L		26.8 J UG/L
MERCURY		0.20 U UG/L		0.20 U UG/L		0.20 U UG/L
NICKEL		1.6 UJ UG/L		1.6 UJ UG/L		1.6 UJ UG/L
POTASSIUM		25.0 UJ UG/L		25.0 UJ UG/L		25.0 UJ UG/L
SELENIUM		2.3 U UG/L		2.3 U UG/L		2.3 U UG/L
SILVER		1.8 UJ UG/L		1.8 UJ UG/L		1.8 UJ UG/L
SODIUM		7880 J UG/L		12800 J UG/L		21100 J UG/L
THALLIUM		3.9 U UG/L		3.9 U UG/L		3.9 U UG/L
VANADIUM		1.1 UJ UG/L		1.1 UJ UG/L		1.1 UJ UG/L
ZINC		188 U UG/L		173 U UG/L		288 J UG/L
RADIOLOGICAL						
CESIUM-137						
COBALT-60						
GROSS ALPHA	3.3+/-0.6 pCi/L		8.5+/-1.1 pCi/L		8.5+/-0.9 pCi/L	
GROSS BETA	2.0+/-0.7 pCi/L		5.0+/-0.8 pCi/L		7.0+/-0.9 pCi/L	

SAMPLE NUMBER	OU2MW13B00	OU2MW13B00-F	OU2MW14A00	OU2MW14A00-F	OU2MW14B00	OU2MW14B00-F
LAB ID NUMBER	F2646-24	F2646-24A	F2742-11	F2742-11AA		F2742-12AA
DATE SAMPLED	7/21/98	7/21/98	8/3/98	8/3/98		8/3/98
PARAMETER	RESULTS	RESULTS	RESULTS	RESULTS	RESULTS	RESULTS
VOLATILES						
1,1,1-TRICHLOROETHANE	2 U UG/L		2 U UG/L		2 U UG/L	
1,1,2,2-TETRACHLOROETHANE	1 U UG/L		1 U UG/L		1 U UG/L	
1,1,2-TRICHLOROETHANE	2 U UG/L		2 U UG/L		2 U UG/L	
1,1-DICHLOROETHANE	2 U UG/L		2 U UG/L		2 U UG/L	
1,1-DICHLOROETHENE	2 U UG/L		2 U UG/L		2 U UG/L	
1,2-DICHLOROETHANE	2 U UG/L		2 U UG/L		2 U UG/L	
1,2-DICHLOROPROPANE	2 U UG/L		2 U UG/L		2 U UG/L	
2-BUTANONE	10 UR UG/L		10 UR UG/L		10 UR UG/L	
2-HEXANONE	10 U UG/L		10 U UG/L		10 U UG/L	
4-METHYL-2-PENTANONE	10 U UG/L		10 U UG/L		10 U UG/L	
ACETONE	50 UR UG/L		50 UR UG/L		50 UR UG/L	
BENZENE	1 U UG/L		1 U UG/L		1 U UG/L	
BROMODICHLOROMETHANE	1 U UG/L		1 U UG/L		1 U UG/L	
BROMOFORM	2 U UG/L		2 U UG/L		2 U UG/L	
BROMOMETHANE	5 U UG/L		5 U UG/L		5 U UG/L	
CARBON DISULFIDE	10 U UG/L		10 U UG/L		10 U UG/L	
CARBON TETRACHLORIDE	2 U UG/L		2 U UG/L		2 U UG/L	
CHLOROBENZENE	2 U UG/L		2 U UG/L		2 U UG/L	
CHLOROETHANE	2 U UG/L		2 U UG/L		2 U UG/L	
CHLOROFORM	2 U UG/L		2 U UG/L		2 U UG/L	
CHLOROMETHANE	2 U UG/L		2 U UG/L		2 U UG/L	
CIS-1,2-DICHLOROETHENE	2 U UG/L		2 U UG/L		2 U UG/L	
CIS-1,3-DICHLOROPROPENE	2 U UG/L		2 U UG/L		2 U UG/L	
DIBROMOCHLOROMETHANE	1 U UG/L		1 U UG/L		1 U UG/L	
ETHYLBENZENE	2 U UG/L		2 U UG/L		2 U UG/L	
METHANE	50 U UG/L		54.9 UG/L		87.9 UG/L	
METHYLENE CHLORIDE	5 U UG/L		5 U UG/L		5 U UG/L	
STYRENE	2 U UG/L		2 U UG/L		2 U UG/L	
TETRACHLOROETHENE	2 U UG/L		2 U UG/L		2 U UG/L	
TOLUENE	2 U UG/L		2 U UG/L		2 U UG/L	
TRANS-1,2-DICHLOROETHENE	2 U UG/L		2 U UG/L		2 U UG/L	
TRANS-1,3-DICHLOROPROPENE	1 U UG/L		1 U UG/L		1 U UG/L	
TRICHLOROETHENE	2 U UG/L		2 U UG/L		2 U UG/L	
VINYL CHLORIDE	1 U UG/L		1 U UG/L		1 U UG/L	
XYLENES, TOTAL	6 U UG/L		6 U UG/L		6 U UG/L	

SAMPLE NUMBER	OU2MW13B00	OU2MW13B00-F	OU2MW14A00	OU2MW14A00-F	OU2MW14B00	OU2MW14B00-F
LAB ID NUMBER	F2646-24	F2646-24A	F2742-11	F2742-11AA		F2742-12AA
DATE SAMPLED	7/21/98	7/21/98	8/3/98	8/3/98		8/3/98
PARAMETER	RESULTS	RESULTS	RESULTS	RESULTS	RESULTS	RESULTS
SEMIVOLATILES						
1,2,4-TRICHLOROBENZENE	10 U UG/L		10 U UG/L		10 U UG/L	
1,2-DICHLOROBENZENE	10 U UG/L		10 U UG/L		10 U UG/L	
1,3-DICHLOROBENZENE	10 U UG/L		10 U UG/L		10 U UG/L	
1,4-DICHLOROBENZENE	10 U UG/L		10 U UG/L		10 U UG/L	
2,4,5-TRICHLOROPHENOL	4 U UG/L		4 U UG/L		4 U UG/L	
2,4,6-TRICHLOROPHENOL	4 U UG/L		4 U UG/L		4 U UG/L	
2,4-DICHLOROPHENOL	4 U UG/L		4 U UG/L		4 U UG/L	
2,4-DIMETHYLPHENOL	10 U UG/L		10 U UG/L		10 U UG/L	
2,4-DINITROPHENOL	25 U UG/L		25 U UG/L		25 U UG/L	
2,4-DINITROTOLUENE	0.2 U UG/L		0.2 UJ UG/L		0.2 UJ UG/L	
2,6-DINITROTOLUENE	0.2 U UG/L		0.2 U UG/L		0.2 U UG/L	
2-CHLORONAPHTHALENE	10 U UG/L		10 U UG/L		10 U UG/L	
2-CHLOROPHENOL	10 U UG/L		10 U UG/L		10 U UG/L	
2-METHYLNAPHTHALENE	10 U UG/L		10 U UG/L		10 U UG/L	
2-METHYLPHENOL	10 U UG/L		10 U UG/L		10 U UG/L	
2-NITROANILINE	7.5 U UG/L		7.5 U UG/L		7.5 U UG/L	
2-NITROPHENOL	10 U UG/L		10 U UG/L		10 U UG/L	
3&4-METHYLPHENOL	10 U UG/L		10 U UG/L		10 U UG/L	
3,3'-DICHLOROBENZIDINE	7.5 U UG/L		7.5 UJ UG/L		7.5 UJ UG/L	
3-NITROANILINE	7.5 U UG/L		7.5 U UG/L		7.5 U UG/L	
4,6-DINITRO-2-METHYLPHENOL	10 U UG/L		10 U UG/L		10 U UG/L	
4-BROMOPHENYL PHENYL ETHER	10 U UG/L		10 U UG/L		10 U UG/L	
4-CHLORO-3-METHYLPHENOL	10 U UG/L		10 U UG/L		10 U UG/L	
4-CHLOROANILINE	10 U UG/L		10 U UG/L		10 U UG/L	
4-CHLOROPHENYL PHENYL ETHER	10 U UG/L		10 U UG/L		10 U UG/L	
4-NITROANILINE	7.5 U UG/L		7.5 UJ UG/L		7.5 UJ UG/L	
4-NITROPHENOL	15 U UG/L		15 U UG/L		15 U UG/L	
ACENAPHTHENE	10 U UG/L		10 U UG/L		10 U UG/L	
ACENAPHTHYLENE	10 U UG/L		10 U UG/L		10 U UG/L	
ANTHRACENE	10 U UG/L		10 U UG/L		10 U UG/L	
BENZO(A)ANTHRACENE	0.2 U UG/L		0.2 U UG/L		0.2 U UG/L	
BENZO(A)PYRENE	0.2 U UG/L		0.2 U UG/L		0.2 U UG/L	
BENZO(B)FLUORANTHENE	0.2 U UG/L		0.2 U UG/L		0.2 U UG/L	
BENZO(G,H,I)PERYLENE	10 U UG/L		10 U UG/L		10 U UG/L	
BENZO(K)FLUORANTHENE	0.2 U UG/L		0.2 U UG/L		0.2 U UG/L	

SAMPLE NUMBER	OU2MW13B00	OU2MW13B00-F	OU2MW14A00	OU2MW14A00-F	OU2MW14B00	OU2MW14B00-F
LAB ID NUMBER	F2646-24	F2646-24A	F2742-11	F2742-11AA		F2742-12AA
DATE SAMPLED	7/21/98	7/21/98	8/3/98	8/3/98		8/3/98
PARAMETER	RESULTS	RESULTS	RESULTS	RESULTS	RESULTS	RESULTS
BIS(2-CHLOROETHOXY)METHANE	10 U UG/L		10 U UG/L		10 U UG/L	
BIS(2-CHLOROETHYL)ETHER	1.5 U UG/L		1.5 U UG/L		1.5 U UG/L	
BIS(2-CHLOROISOPROPYL) ETHER	7.5 U UG/L		7.5 U UG/L		7.5 U UG/L	
BIS(2-ETHYLHEXYL)PHTHALATE	6 U UG/L		6 U UG/L		6 U UG/L	
BUTYLBENZYL PHTHALATE	10 U UG/L		10 U UG/L		10 U UG/L	
CARBAZOLE	7.5 U UG/L		7.5 U UG/L		7.5 U UG/L	
CHRYSENE	5 U UG/L		5 U UG/L		5 U UG/L	
DI-N-BUTYL PHTHALATE	10 U UG/L		10 U UG/L		10 U UG/L	
DI-N-OCTYL PHTHALATE	10 U UG/L		10 U UG/L		10 U UG/L	
DIBENZO(A,H)ANTHRACENE	0.2 U UG/L		0.2 U UG/L		0.2 U UG/L	
DIBENZOFURAN	10 U UG/L		10 U UG/L		10 U UG/L	
DIETHYL PHTHALATE	10 U UG/L		10 U UG/L		10 U UG/L	
DIMETHYL PHTHALATE	10 U UG/L		10 U UG/L		10 U UG/L	
FLUORANTHENE	10 U UG/L		10 U UG/L		10 U UG/L	
FLUORENE	10 U UG/L		10 U UG/L		10 U UG/L	
HEXACHLOROBENZENE	1 U UG/L		1 U UG/L		1 U UG/L	
HEXACHLOROBUTADIENE	10 U UG/L		10 U UG/L		10 U UG/L	
HEXACHLOROCYCLOPENTADIENE	10 U UG/L		10 U UG/L		10 U UG/L	
HEXACHLOROETHANE	10 U UG/L		10 U UG/L		10 U UG/L	
INDENO(1,2,3-CD)PYRENE	0.2 U UG/L		0.2 U UG/L		0.2 U UG/L	
ISOPHORONE	10 U UG/L		10 U UG/L		10 U UG/L	
N-NITROSO-DI-N-PROPYLAMINE	1 U UG/L		1 U UG/L		1 U UG/L	
N-NITROSODIPHENYLAMINE	7.5 U UG/L		7.5 U UG/L		7.5 U UG/L	
NAPHTHALENE	5 U UG/L		5 U UG/L		5 U UG/L	
NITROBENZENE	10 U UG/L		10 U UG/L		10 U UG/L	
PHENANTHRENE	10 U UG/L		10 U UG/L		10 U UG/L	
PHENOL	10 U UG/L		10 U UG/L		10 U UG/L	
PYRENE	10 U UG/L		10 U UG/L		10 U UG/L	
HERBICIDES						
2,4,5-T	0.047 U UG/L		0.047 U UG/L		0.047 U UG/L	
2,4,5-TP (SILVEX)	0.089 U UG/L		0.089 U UG/L		0.089 U UG/L	
2,4-D	0.19 U UG/L		0.19 U UG/L		0.19 U UG/L	
2,4-DB	0.2 U UG/L		0.2 U UG/L		0.2 U UG/L	
DALAPON	0.4 U UG/L		0.4 U UG/L		0.4 U UG/L	
DICAMBA	0.2 U UG/L		0.2 U UG/L		0.2 U UG/L	
DICHLOROPROP	1 U UG/L		1 U UG/L		1 U UG/L	

SAMPLE NUMBER	OU2MW13B00	OU2MW13B00-F	OU2MW14A00	OU2MW14A00-F	OU2MW14B00	OU2MW14B00-F
LAB ID NUMBER	F2646-24	F2646-24A	F2742-11	F2742-11AA		F2742-12AA
DATE SAMPLED	7/21/98	7/21/98	8/3/98	8/3/98		8/3/98
PARAMETER	RESULTS	RESULTS	RESULTS	RESULTS	RESULTS	RESULTS
DINOSEB	0.2 U UG/L		0.2 U UG/L		0.2 U UG/L	
MCPA	100 U UG/L		100 U UG/L		100 U UG/L	
MCPP	50 U UG/L		50 U UG/L		50 U UG/L	
PENTACHLOROPHENOL	0.1 U UG/L		0.1 U UG/L		0.1 U UG/L	
PESTICIDES/PCBS						
4,4'-DDD	0.10 U UG/L		0.10 U UG/L		0.10 U UG/L	
4,4'-DDE	0.10 U UG/L		0.10 U UG/L		0.10 U UG/L	
4,4'-DDT	0.10 U UG/L		0.10 U UG/L		0.10 U UG/L	
ALDRIN	0.050 U UG/L		0.050 U UG/L		0.050 U UG/L	
ALPHA-BHC	0.050 U UG/L		0.050 U UG/L		0.050 U UG/L	
ALPHA-CHLORDANE	0.10 U UG/L		0.10 U UG/L		0.10 U UG/L	
AROCLOR-1016						
AROCLOR-1221						
AROCLOR-1232						
AROCLOR-1242						
AROCLOR-1248						
AROCLOR-1254						
AROCLOR-1260						
BETA-BHC	0.10 U UG/L		0.10 U UG/L		0.10 U UG/L	
DELTA-BHC	0.050 U UG/L		0.050 U UG/L		0.050 U UG/L	
DIELDRIN	0.10 U UG/L		0.10 U UG/L		0.10 U UG/L	
ENDOSULFAN I	0.050 U UG/L		0.050 U UG/L		0.050 U UG/L	
ENDOSULFAN II	0.10 U UG/L		0.10 U UG/L		0.10 U UG/L	
ENDOSULFAN SULFATE	0.10 U UG/L		0.10 U UG/L		0.10 U UG/L	
ENDRIN	0.10 U UG/L		0.10 U UG/L		0.10 U UG/L	
ENDRIN ALDEHYDE	0.10 U UG/L		0.10 U UG/L		0.10 U UG/L	
ENDRIN KETONE	0.10 U UG/L		0.10 U UG/L		0.10 U UG/L	
GAMMA-BHC (LINDANE)	0.050 U UG/L		0.050 U UG/L		0.050 U UG/L	
GAMMA-CHLORDANE	0.10 U UG/L		0.10 U UG/L		0.10 U UG/L	
HEPTACHLOR	0.050 U UG/L		0.050 U UG/L		0.050 U UG/L	
HEPTACHLOR EPOXIDE	0.050 U UG/L		0.050 U UG/L		0.050 U UG/L	
METHOXYCHLOR	0.50 U UG/L		0.50 U UG/L		0.50 U UG/L	
TOXAPHENE	2.5 U UG/L		2.5 U UG/L		2.5 U UG/L	
PETROLEUM HYDROCARBONS						
TPH (C8-C40)	0.5 U MG/L		0.5 U MG/L		0.5 U MG/L	
MISC						

SAMPLE NUMBER	OU2MW13B00	OU2MW13B00-F	OU2MW14A00	OU2MW14A00-F	OU2MW14B00	OU2MW14B00-F
LAB ID NUMBER	F2646-24	F2646-24A	F2742-11	F2742-11AA		F2742-12AA
DATE SAMPLED	7/21/98	7/21/98	8/3/98	8/3/98		8/3/98
PARAMETER	RESULTS	RESULTS	RESULTS	RESULTS	RESULTS	RESULTS
ALKALINITY	36.4 MG/L		32.5 MG/L		5.0 U MG/L	
BOD-5DAY (TOTAL)	25.0 U MG/L		39.0 MG/L		5.0 U MG/L	
CHEMICAL OXYGEN DEMAND	44.6 MG/L		53.0 MG/L		97.0 J MG/L	
CHLORIDE	45.0 MG/L		21.5 MG/L		9.5 MG/L	
CYANIDE	0.0050 U MG/L		0.0050 U MG/L		0.0050 U MG/L	
HARDNESS as CaCO3	37.2 MG/L		48.8 MG/L		131 MG/L	
NITRATE, AS NITROGEN	0.21 U MG/L		0.11 U MG/L		0.11 U MG/L	
NITRATE/NITRITE, AS N	0.20 U MG/L		0.10 U MG/L		0.10 U MG/L	
NITRITE, AS NITROGEN	0.010 U MG/L		0.010 U MG/L		0.010 U MG/L	
ORTHOPHOSPHATE	5.4 MG/L		0.10 U MG/L		0.32 MG/L	
PH	5.8		4.8		5.9	
PLATE COUNT, TOTAL	2700 CFU/M		2070 CFU/M		26000 CFU/M	
REDOX POTENTIAL VS H2	190 MV		237 MV		148 MV	
SULFATE	43.0 MG/L		37.9 MG/L		163 MG/L	
TOTAL DISSOLVED SOLIDS	129 MG/L		82.0 MG/L		286 MG/L	
TOTAL ORGANIC CARBON	5.1 MG/L		50.6 MG/L		24.1 MG/L	
TOTAL SUSPENDED SOLIDS	221 MG/L		1170 MG/L		1680 MG/L	
TURBIDITY			1120 NTU		1520 NTU	
METALS (UNFILTERED)						
ALUMINUM	579 U UG/L		94100 J UG/L		52300 J UG/L	
ANTIMONY	3.8 UR UG/L		3.8 UR UG/L		3.8 UR UG/L	
ARSENIC	3.1 U UG/L		6.7 U UG/L		10.6 U UG/L	
BARIUM	0.47 UJ UG/L		797 U UG/L		1520 J UG/L	
BERYLLIUM	0.20 U UG/L		0.20 U UG/L		6.4 U UG/L	
CADMIUM	0.50 UJ UG/L		0.50 U UG/L		0.50 U UG/L	
CALCIUM	14900 J UG/L		8090 J UG/L		43700 J UG/L	
CHROMIUM	0.96 UJ UG/L		99.7 J UG/L		92.8 J UG/L	
COBALT	0.71 UJ UG/L		0.71 UJ UG/L		0.71 UJ UG/L	
COPPER	1.2 U UG/L		1.2 U UG/L		26.8 UG/L	
IRON	1900 J UG/L		11600 J UG/L		7140 J UG/L	
LEAD	3.3 U UG/L		70.7 J UG/L		48.9 J UG/L	
MAGNESIUM	10.0 UJ UG/L		6950 J UG/L		5260 J UG/L	
MANGANESE	22.2 J UG/L		20.9 J UG/L		43.2 J UG/L	
MERCURY	0.20 U UG/L		0.20 U UG/L		0.20 U UG/L	
NICKEL	1.6 UJ UG/L		1.6 UJ UG/L		1.6 UJ UG/L	
POTASSIUM	25.0 UJ UG/L		25.0 UJ UG/L		25.3 UJ UG/L	

SAMPLE NUMBER	OU2MW13B00	OU2MW13B00-F	OU2MW14A00	OU2MW14A00-F	OU2MW14B00	OU2MW14B00-F
LAB ID NUMBER	F2646-24	F2646-24A	F2742-11	F2742-11AA		F2742-12AA
DATE SAMPLED	7/21/98	7/21/98	8/3/98	8/3/98		8/3/98
PARAMETER	RESULTS	RESULTS	RESULTS	RESULTS	RESULTS	RESULTS
SELENIUM	2.3 U UG/L		9.0 U UG/L		8.6 U UG/L	
SILVER	1.8 UJ UG/L		1.8 UJ UG/L		1.8 UJ UG/L	
SODIUM	17500 J UG/L		13200 J UG/L		45800 J UG/L	
THALLIUM	3.9 U UG/L		3.9 U UG/L		3.9 U UG/L	
VANADIUM	1.1 UJ UG/L		110 J UG/L		73.6 J UG/L	
ZINC	55.4 J UG/L		191 U UG/L		196 U UG/L	
METALS (DISSOLVED)						
ALUMINUM		516 U UG/L		315 U UG/L		2460 J UG/L
ANTIMONY		3.8 UR UG/L		5.7 U UG/L		3.8 UR UG/L
ARSENIC		3.1 U UG/L		3.1 U UG/L		3.1 U UG/L
BARIUM		0.47 UJ UG/L		0.47 U UG/L		226 U UG/L
BERYLLIUM		0.20 U UG/L		0.20 U UG/L		0.20 U UG/L
CADMIUM		0.50 UJ UG/L		0.50 U UG/L		0.50 U UG/L
CALCIUM		14000 J UG/L		6.6 UJ UG/L		23400 J UG/L
CHROMIUM		0.96 UJ UG/L		0.96 UJ UG/L		0.96 UJ UG/L
COBALT		0.71 UJ UG/L		0.71 UJ UG/L		0.71 UJ UG/L
COPPER		1.2 U UG/L		1.2 U UG/L		1.21 U UG/L
IRON		1880 J UG/L		2010 U UG/L		1900 U UG/L
LEAD		2.1 UJ UG/L		3.4 U UG/L		5.1 U UG/L
MAGNESIUM		10.0 UJ UG/L		10.0 UJ UG/L		10.0 UJ UG/L
MANGANESE		23.4 J UG/L		25.9 J UG/L		31.9 J UG/L
MERCURY		0.20 U UG/L		0.20 U UG/L		0.20 U UG/L
NICKEL		1.6 UJ UG/L		1.6 UJ UG/L		1.6 UJ UG/L
POTASSIUM		25.0 UJ UG/L		25.0 UJ UG/L		25.0 UJ UG/L
SELENIUM		2.3 U UG/L		2.3 U UG/L		2.3 U UG/L
SILVER		1.8 UJ UG/L		1.8 UJ UG/L		1.8 UJ UG/L
SODIUM		17400 J UG/L		14700 J UG/L		53900 J UG/L
THALLIUM		3.9 U UG/L		3.9 U UG/L		3.9 U UG/L
VANADIUM		1.1 UJ UG/L		1.1 UJ UG/L		1.1 UJ UG/L
ZINC		165 J UG/L		450 U UG/L		249 U UG/L
RADIOLOGICAL						
CESIUM-137						
COBALT-60						
GROSS ALPHA	17.7+/-1.4 pCi/L		17.7+/-1.4 pCi/L		68.0+/-4.1 pCi/L	
GROSS BETA	6.7+/-0.9 pCi/L		6.7+/-0.9 pCi/L		34.1+/-2.3 pCi/L	

SAMPLE NUMBER	OU2MW15A00	OU2MW15A00-F	OU2MW15B00	OU2MW15B00-F	OU2MW16A00	OU2MW16A00-F
LAB ID NUMBER	F2646-10	F2646-10A		F2646-9A	F2646-8	F2646-8A
DATE SAMPLED	7/17/98	7/17/98		7/17/98	7/17/98	7/17/98
PARAMETER	RESULTS	RESULTS	RESULTS	RESULTS	RESULTS	RESULTS
VOLATILES						
1,1,1-TRICHLOROETHANE	2 U UG/L		2 U UG/L		2 U UG/L	
1,1,2,2-TETRACHLOROETHANE	1 U UG/L		1 U UG/L		1 U UG/L	
1,1,2-TRICHLOROETHANE	2 U UG/L		2 U UG/L		2 U UG/L	
1,1-DICHLOROETHANE	2 U UG/L		2 U UG/L		2 U UG/L	
1,1-DICHLOROETHENE	2 U UG/L		2 U UG/L		2 U UG/L	
1,2-DICHLOROETHANE	2 U UG/L		2 U UG/L		2 U UG/L	
1,2-DICHLOROPROPANE	2 U UG/L		2 U UG/L		2 U UG/L	
2-BUTANONE	15.3 J UG/L		10 UR UG/L		10 UR UG/L	
2-HEXANONE	12.9 UG/L		10 U UG/L		10 U UG/L	
4-METHYL-2-PENTANONE	11.9 UG/L		10 U UG/L		10 U UG/L	
ACETONE	50 UR UG/L		50 UR UG/L		50 UR UG/L	
BENZENE	1 U UG/L		1 U UG/L		1 U UG/L	
BROMODICHLOROMETHANE	1 U UG/L		1 U UG/L		1 U UG/L	
BROMOFORM	2 U UG/L		2 U UG/L		2 U UG/L	
BROMOMETHANE	5 U UG/L		5 U UG/L		5 U UG/L	
CARBON DISULFIDE	10 U UG/L		10 U UG/L		10 U UG/L	
CARBON TETRACHLORIDE	2 U UG/L		2 U UG/L		2 U UG/L	
CHLOROBENZENE	2 U UG/L		2 U UG/L		2 U UG/L	
CHLOROETHANE	2 U UG/L		2 U UG/L		2 U UG/L	
CHLOROFORM	2 U UG/L		2 U UG/L		2 U UG/L	
CHLOROMETHANE	2 U UG/L		2 U UG/L		2 U UG/L	
CIS-1,2-DICHLOROETHENE	2 U UG/L		2 U UG/L		2 U UG/L	
CIS-1,3-DICHLOROPROPENE	2 U UG/L		2 U UG/L		2 U UG/L	
DIBROMOCHLOROMETHANE	1 U UG/L		1 U UG/L		1 U UG/L	
ETHYLBENZENE	2 U UG/L		2 U UG/L		2 U UG/L	
METHANE	50 U UG/L		55 UG/L		50 U UG/L	
METHYLENE CHLORIDE	5 U UG/L		5 U UG/L		5 U UG/L	
STYRENE	2 U UG/L		2 U UG/L		2 U UG/L	
TETRACHLOROETHENE	2 U UG/L		2 U UG/L		2 U UG/L	
TOLUENE	2 U UG/L		2 U UG/L		2 U UG/L	
TRANS-1,2-DICHLOROETHENE	2 U UG/L		2 U UG/L		2 U UG/L	
TRANS-1,3-DICHLOROPROPENE	1 U UG/L		1 U UG/L		1 U UG/L	
TRICHLOROETHENE	2 U UG/L		2 U UG/L		2 U UG/L	
VINYL CHLORIDE	1 U UG/L		1 U UG/L		1 U UG/L	
XYLENES, TOTAL	6 U UG/L		6 U UG/L		6 U UG/L	

SAMPLE NUMBER	OU2MW15A00	OU2MW15A00-F	OU2MW15B00	OU2MW15B00-F	OU2MW16A00	OU2MW16A00-F
LAB ID NUMBER	F2646-10	F2646-10A		F2646-9A	F2646-8	F2646-8A
DATE SAMPLED	7/17/98	7/17/98		7/17/98	7/17/98	7/17/98
PARAMETER	RESULTS	RESULTS	RESULTS	RESULTS	RESULTS	RESULTS
SEMIVOLATILES						
1,2,4-TRICHLOROBENZENE	10 U UG/L		10 U UG/L		10 U UG/L	
1,2-DICHLOROBENZENE	10 U UG/L		10 U UG/L		10 U UG/L	
1,3-DICHLOROBENZENE	10 U UG/L		10 U UG/L		10 U UG/L	
1,4-DICHLOROBENZENE	10 U UG/L		10 U UG/L		10 U UG/L	
2,4,5-TRICHLOROPHENOL	4 U UG/L		4 U UG/L		4 U UG/L	
2,4,6-TRICHLOROPHENOL	4 U UG/L		4 U UG/L		4 U UG/L	
2,4-DICHLOROPHENOL	4 U UG/L		4 U UG/L		4 U UG/L	
2,4-DIMETHYLPHENOL	10 U UG/L		10 U UG/L		10 U UG/L	
2,4-DINITROPHENOL	25 U UG/L		25 U UG/L		25 U UG/L	
2,4-DINITROTOLUENE	0.2 U UG/L		0.2 U UG/L		0.2 U UG/L	
2,6-DINITROTOLUENE	0.2 U UG/L		0.2 U UG/L		0.2 U UG/L	
2-CHLORONAPHTHALENE	10 U UG/L		10 U UG/L		10 U UG/L	
2-CHLOROPHENOL	10 U UG/L		10 U UG/L		10 U UG/L	
2-METHYLNAPHTHALENE	10 U UG/L		6 J UG/L		10 U UG/L	
2-METHYLPHENOL	10 U UG/L		10 U UG/L		10 U UG/L	
2-NITROANILINE	7.5 U UG/L		7.5 U UG/L		7.5 U UG/L	
2-NITROPHENOL	10 U UG/L		10 U UG/L		10 U UG/L	
3&4-METHYLPHENOL	10 U UG/L		10 U UG/L		10 U UG/L	
3,3'-DICHLOROBENZIDINE	7.5 U UG/L		7.5 U UG/L		7.5 U UG/L	
3-NITROANILINE	7.5 U UG/L		7.5 U UG/L		7.5 U UG/L	
4,6-DINITRO-2-METHYLPHENOL	10 U UG/L		10 U UG/L		10 U UG/L	
4-BROMOPHENYL PHENYL ETHER	10 U UG/L		10 U UG/L		10 U UG/L	
4-CHLORO-3-METHYLPHENOL	10 U UG/L		10 U UG/L		10 U UG/L	
4-CHLOROANILINE	10 U UG/L		10 U UG/L		10 U UG/L	
4-CHLOROPHENYL PHENYL ETHER	10 U UG/L		10 U UG/L		10 U UG/L	
4-NITROANILINE	7.5 U UG/L		7.5 U UG/L		7.5 U UG/L	
4-NITROPHENOL	15 U UG/L		15 U UG/L		15 U UG/L	
ACENAPHTHENE	10 U UG/L		10 U UG/L		10 U UG/L	
ACENAPHTHYLENE	10 U UG/L		10 U UG/L		10 U UG/L	
ANTHRACENE	10 U UG/L		10 U UG/L		10 U UG/L	
BENZO(A)ANTHRACENE	0.2 U UG/L		0.2 U UG/L		0.2 U UG/L	
BENZO(A)PYRENE	0.2 U UG/L		0.2 U UG/L		0.2 U UG/L	
BENZO(B)FLUORANTHENE	0.2 U UG/L		0.2 U UG/L		0.2 U UG/L	
BENZO(G,H,I)PERYLENE	10 U UG/L		10 U UG/L		10 U UG/L	
BENZO(K)FLUORANTHENE	0.2 U UG/L		0.2 U UG/L		0.2 U UG/L	

SAMPLE NUMBER	OU2MW15A00	OU2MW15A00-F	OU2MW15B00	OU2MW15B00-F	OU2MW16A00	OU2MW16A00-F
LAB ID NUMBER	F2646-10	F2646-10A		F2646-9A	F2646-8	F2646-8A
DATE SAMPLED	7/17/98	7/17/98		7/17/98	7/17/98	7/17/98
PARAMETER	RESULTS	RESULTS	RESULTS	RESULTS	RESULTS	RESULTS
BIS(2-CHLOROETHOXY)METHANE	10 U UG/L		10 U UG/L		10 U UG/L	
BIS(2-CHLOROETHYL)ETHER	1.5 U UG/L		1.5 U UG/L		1.5 U UG/L	
BIS(2-CHLOROISOPROPYL) ETHER	7.5 U UG/L		7.5 U UG/L		7.5 U UG/L	
BIS(2-ETHYLHEXYL)PHTHALATE	6 U UG/L		6 U UG/L		6 U UG/L	
BUTYLBENZYL PHTHALATE	10 U UG/L		10 U UG/L		10 U UG/L	
CARBAZOLE	7.5 U UG/L		7.5 U UG/L		7.5 U UG/L	
CHRYSENE	5 U UG/L		5 U UG/L		5 U UG/L	
DI-N-BUTYL PHTHALATE	10 U UG/L		10 U UG/L		10 U UG/L	
DI-N-OCTYL PHTHALATE	10 U UG/L		10 U UG/L		10 U UG/L	
DIBENZO(A,H)ANTHRACENE	0.2 U UG/L		0.2 U UG/L		0.2 U UG/L	
DIBENZOFURAN	10 U UG/L		10 U UG/L		10 U UG/L	
DIETHYL PHTHALATE	10 U UG/L		10 U UG/L		10 U UG/L	
DIMETHYL PHTHALATE	10 U UG/L		10 U UG/L		10 U UG/L	
FLUORANTHENE	10 U UG/L		10 U UG/L		10 U UG/L	
FLUORENE	10 U UG/L		10 U UG/L		10 U UG/L	
HEXACHLOROBENZENE	1 U UG/L		1 U UG/L		1 U UG/L	
HEXACHLOROBUTADIENE	10 U UG/L		10 U UG/L		10 U UG/L	
HEXACHLOROCYCLOPENTADIENE	10 U UG/L		10 U UG/L		10 U UG/L	
HEXACHLOROETHANE	10 U UG/L		10 U UG/L		10 U UG/L	
INDENO(1,2,3-CD)PYRENE	0.2 U UG/L		0.2 U UG/L		0.2 U UG/L	
ISOPHORONE	10 U UG/L		10 U UG/L		10 U UG/L	
N-NITROSO-DI-N-PROPYLAMINE	1 U UG/L		1 U UG/L		1 U UG/L	
N-NITROSODIPHENYLAMINE	7.5 U UG/L		7.5 U UG/L		7.5 U UG/L	
NAPHTHALENE	5 U UG/L		23.8 UG/L		5 U UG/L	
NITROBENZENE	10 U UG/L		10 U UG/L		10 U UG/L	
PHENANTHRENE	10 U UG/L		10 U UG/L		10 U UG/L	
PHENOL	10 U UG/L		10 U UG/L		10 U UG/L	
PYRENE	10 U UG/L		10 U UG/L		10 U UG/L	
HERBICIDES						
2,4,5-T	0.047 U UG/L		0.047 U UG/L		0.047 U UG/L	
2,4,5-TP (SILVEX)	0.089 U UG/L		0.089 U UG/L		0.089 U UG/L	
2,4-D	0.19 U UG/L		0.19 U UG/L		0.19 U UG/L	
2,4-DB	0.2 U UG/L		0.2 U UG/L		0.2 U UG/L	
DALAPON	0.4 U UG/L		0.4 U UG/L		0.4 U UG/L	
DICAMBA	0.2 U UG/L		0.2 U UG/L		0.2 U UG/L	
DICHLOROPROP	1 U UG/L		1 U UG/L		1 U UG/L	

SAMPLE NUMBER	OU2MW15A00	OU2MW15A00-F	OU2MW15B00	OU2MW15B00-F	OU2MW16A00	OU2MW16A00-F
LAB ID NUMBER	F2646-10	F2646-10A		F2646-9A	F2646-8	F2646-8A
DATE SAMPLED	7/17/98	7/17/98		7/17/98	7/17/98	7/17/98
PARAMETER	RESULTS	RESULTS	RESULTS	RESULTS	RESULTS	RESULTS
DINOSEB	0.2 U UG/L		0.2 U UG/L		0.2 U UG/L	
MCPA	100 U UG/L		100 U UG/L		100 U UG/L	
MCPP	50 UJ UG/L		50 UJ UG/L		50 UJ UG/L	
PENTACHLOROPHENOL	0.1 U UG/L		0.1 U UG/L		0.1 U UG/L	
PESTICIDES/PCBS						
4,4'-DDD	0.10 U UG/L		0.10 U UG/L		0.10 UJ UG/L	
4,4'-DDE	0.10 U UG/L		0.10 U UG/L		0.10 UJ UG/L	
4,4'-DDT	0.10 U UG/L		0.10 U UG/L		0.10 UJ UG/L	
ALDRIN	0.050 U UG/L		0.050 U UG/L		0.050 UJ UG/L	
ALPHA-BHC	0.050 U UG/L		0.050 U UG/L		0.050 UJ UG/L	
ALPHA-CHLORDANE	0.10 U UG/L		0.10 U UG/L		0.10 UJ UG/L	
AROCLOR-1016						
AROCLOR-1221						
AROCLOR-1232						
AROCLOR-1242						
AROCLOR-1248						
AROCLOR-1254						
AROCLOR-1260						
BETA-BHC	0.10 U UG/L		0.10 U UG/L		0.10 UJ UG/L	
DELTA-BHC	0.050 U UG/L		0.050 U UG/L		0.050 UJ UG/L	
DIELDRIN	0.10 U UG/L		0.10 U UG/L		0.10 UJ UG/L	
ENDOSULFAN I	0.050 U UG/L		0.050 U UG/L		0.050 UJ UG/L	
ENDOSULFAN II	0.10 U UG/L		0.10 U UG/L		0.10 UJ UG/L	
ENDOSULFAN SULFATE	0.10 U UG/L		0.10 U UG/L		0.10 UJ UG/L	
ENDRIN	0.10 U UG/L		0.10 U UG/L		0.10 UJ UG/L	
ENDRIN ALDEHYDE	0.10 U UG/L		0.10 U UG/L		0.10 UJ UG/L	
ENDRIN KETONE	0.10 U UG/L		0.10 U UG/L		0.10 UJ UG/L	
GAMMA-BHC (LINDANE)	0.050 U UG/L		0.050 U UG/L		0.050 UJ UG/L	
GAMMA-CHLORDANE	0.10 U UG/L		0.10 U UG/L		0.10 UJ UG/L	
HEPTACHLOR	0.050 U UG/L		0.050 U UG/L		0.050 UJ UG/L	
HEPTACHLOR EPOXIDE	0.050 U UG/L		0.050 U UG/L		0.050 UJ UG/L	
METHOXYCHLOR	0.50 U UG/L		0.50 U UG/L		0.50 UJ UG/L	
TOXAPHENE	2.5 U UG/L		2.5 U UG/L		2.5 UJ UG/L	
PETROLEUM HYDROCARBONS						
TPH (C8-C40)	0.5 U MG/L		0.5 U MG/L		0.5 U MG/L	
MISC						

SAMPLE NUMBER	OU2MW15A00	OU2MW15A00-F	OU2MW15B00	OU2MW15B00-F	OU2MW16A00	OU2MW16A00-F
LAB ID NUMBER	F2646-10	F2646-10A		F2646-9A	F2646-8	F2646-8A
DATE SAMPLED	7/17/98	7/17/98		7/17/98	7/17/98	7/17/98
PARAMETER	RESULTS	RESULTS	RESULTS	RESULTS	RESULTS	RESULTS
ALKALINITY	26.9 MG/L		16.9 MG/L		81.6 MG/L	
BOD-5DAY (TOTAL)	4.6 U MG/L		2.0 U MG/L		8.0 MG/L	
CHEMICAL OXYGEN DEMAND	20.0 U MG/L		39.7 MG/L		24.8 MG/L	
CHLORIDE	77.0 MG/L		67.0 MG/L		27.0 MG/L	
CYANIDE	0.0050 U MG/L		0.0050 U MG/L		0.0050 U MG/L	
HARDNESS as CaCO3	44.2 MG/L		70.9 MG/L		14.3 MG/L	
NITRATE, AS NITROGEN	0.21 U MG/L		0.21 U MG/L		1.5 MG/L	
NITRATE/NITRITE, AS N	0.20 U MG/L		0.20 U MG/L		1.5 MG/L	
NITRITE, AS NITROGEN	0.010 U MG/L		0.010 U MG/L		0.010 U MG/L	
ORTHOPHOSPHATE	0.10 U MG/L		0.22 MG/L		0.10 U MG/L	
PH	6.1		5.7		4.9	
PLATE COUNT, TOTAL	19200 CFU/M		48200 CFU/M		31400 CFU/M	
REDOX POTENTIAL VS H2	424 MV		415 MV		546 MV	
SULFATE	29.4 MG/L		10.0 U MG/L		36.7 MG/L	
TOTAL DISSOLVED SOLIDS	170 MG/L		94.0 MG/L		170 MG/L	
TOTAL ORGANIC CARBON	32.2 MG/L		6.5 MG/L		9.0 MG/L	
TOTAL SUSPENDED SOLIDS	760 MG/L		314 MG/L		172 MG/L	
TURBIDITY						
METALS (UNFILTERED)						
ALUMINUM	622 U UG/L		14000 J UG/L		4140 J UG/L	
ANTIMONY	3.2 UR UG/L		3.2 UR UG/L		3.2 UR UG/L	
ARSENIC	2.4 U UG/L		2.4 U UG/L		2.4 U UG/L	
BARIUM	0.60 UJ UG/L		504 J UG/L		0.60 UJ UG/L	
BERYLLIUM	0.60 U UG/L		0.60 U UG/L		0.60 U UG/L	
CADMIUM	0.50 UJ UG/L		0.50 UJ UG/L		0.50 UJ UG/L	
CALCIUM	17700 J UG/L		28400 J UG/L		5710 J UG/L	
CHROMIUM	1.4 UJ UG/L		29.2 J UG/L		1.4 UJ UG/L	
COBALT	1.4 UJ UG/L		1.4 UJ UG/L		1.4 UJ UG/L	
COPPER	1.4 U UG/L		1.4 U UG/L		1.4 U UG/L	
IRON	1300 J UG/L		3000 J UG/L		1200 J UG/L	
LEAD	1.4 UJ UG/L		25.4 J UG/L		7.0 U UG/L	
MAGNESIUM	24.0 UJ UG/L		24.0 UJ UG/L		24.0 UJ UG/L	
MANGANESE	0.50 UJ UG/L		31.9 J UG/L		18.7 J UG/L	
MERCURY	0.20 U UG/L		0.20 U UG/L		0.20 U UG/L	
NICKEL	1.5 UJ UG/L		1.5 UJ UG/L		1.5 UJ UG/L	
POTASSIUM	5000 UJ UG/L		5000 UJ UG/L		6100 J UG/L	

SAMPLE NUMBER	OU2MW15A00	OU2MW15A00-F	OU2MW15B00	OU2MW15B00-F	OU2MW16A00	OU2MW16A00-F
LAB ID NUMBER	F2646-10	F2646-10A		F2646-9A	F2646-8	F2646-8A
DATE SAMPLED	7/17/98	7/17/98		7/17/98	7/17/98	7/17/98
PARAMETER	RESULTS	RESULTS	RESULTS	RESULTS	RESULTS	RESULTS
SELENIUM	2.9 U UG/L		11.4 U UG/L		5.1 U UG/L	
SILVER	1.2 UJ UG/L		1.2 UJ UG/L		1.2 UJ UG/L	
SODIUM	45600 J UG/L		10700 J UG/L		49000 J UG/L	
THALLIUM	2.6 U UG/L		2.6 U UG/L		2.6 U UG/L	
VANADIUM	1.5 UJ UG/L		1.5 UJ UG/L		1.5 UJ UG/L	
ZINC	62.4 J UG/L		91.3 J UG/L		113 J UG/L	
METALS (DISSOLVED)						
ALUMINUM		844 U UG/L		324 U UG/L		4700 J UG/L
ANTIMONY		3.8 UR UG/L		3.8 UR UG/L		3.8 UR UG/L
ARSENIC		3.1 U UG/L		3.1 U UG/L		3.1 U UG/L
BARIUM		441 J UG/L		296 J UG/L		0.47 UJ UG/L
BERYLLIUM		0.20 U UG/L		0.20 U UG/L		0.20 U UG/L
CADMIUM		0.50 UJ UG/L		0.50 UJ UG/L		0.50 UJ UG/L
CALCIUM		17900 J UG/L		13800 J UG/L		5780 J UG/L
CHROMIUM		0.96 UJ UG/L		0.96 UJ UG/L		11.2 U UG/L
COBALT		0.71 UJ UG/L		0.71 UJ UG/L		0.71 UJ UG/L
COPPER		1.2 U UG/L		1.2 U UG/L		1.2 U UG/L
IRON		1190 J UG/L		1560 J UG/L		1310 J UG/L
LEAD		2.1 UJ UG/L		2.1 UJ UG/L		5.3 U UG/L
MAGNESIUM		10.0 UJ UG/L		10.0 UJ UG/L		10.0 UJ UG/L
MANGANESE		0.39 UJ UG/L		21.4 J UG/L		0.39 UJ UG/L
MERCURY		0.25 U UG/L		0.20 U UG/L		0.20 U UG/L
NICKEL		1.6 UJ UG/L		1.6 UJ UG/L		1.6 UJ UG/L
POTASSIUM		25.0 UJ UG/L		25.0 UJ UG/L		6210 J UG/L
SELENIUM		2.3 U UG/L		2.3 U UG/L		2.3 U UG/L
SILVER		1.8 UJ UG/L		1.8 UJ UG/L		1.8 UJ UG/L
SODIUM		41000 J UG/L		6580 J UG/L		49000 J UG/L
THALLIUM		3.9 U UG/L		3.9 U UG/L		3.9 U UG/L
VANADIUM		1.1 UJ UG/L		1.1 UJ UG/L		1.1 UJ UG/L
ZINC		46.3 J UG/L		38.0 J UG/L		76.5 J UG/L
RADIOLOGICAL						
CESIUM-137						
COBALT-60						
GROSS ALPHA	4.8+/-0.8 pCi/L		19.5+/-1.4 pCi/L		6.6+/-0.9 pCi/L	
GROSS BETA	7.2+/-0.9 pCi/L		7.8+/-0.9 pCi/L		11.9+/-1.1 pCi/L	

SAMPLE NUMBER	OU2MW16B00	OU2MW16B00-F	OU2MW17A00	OU2MW17A00-F	OU2MW17B00	OU2MW17B00-F
LAB ID NUMBER	F2646-6	F2646-6A	F2646-2	F2646-2A	F2646-3	F2646-3A
DATE SAMPLED	7/16/98	7/16/98	7/15/98	7/15/98	7/15/98	7/15/98
PARAMETER	RESULTS	RESULTS	RESULTS	RESULTS	RESULTS	RESULTS
VOLATILES						
1,1,1-TRICHLOROETHANE	2 U UG/L		2 U UG/L		2 U UG/L	
1,1,2,2-TETRACHLOROETHANE	1 U UG/L		1 U UG/L		1 U UG/L	
1,1,2-TRICHLOROETHANE	2 U UG/L		2 U UG/L		2 U UG/L	
1,1-DICHLOROETHANE	2 U UG/L		2 U UG/L		2 U UG/L	
1,1-DICHLOROETHENE	2 U UG/L		2 U UG/L		2 U UG/L	
1,2-DICHLOROETHANE	2 U UG/L		2 U UG/L		2 U UG/L	
1,2-DICHLOROPROPANE	2 U UG/L		2 U UG/L		2 U UG/L	
2-BUTANONE	10 UR UG/L		10 UR UG/L		10 UR UG/L	
2-HEXANONE	10 U UG/L		10 U UG/L		10 U UG/L	
4-METHYL-2-PENTANONE	10 U UG/L		10 U UG/L		10 U UG/L	
ACETONE	50 UR UG/L		50 UR UG/L		50 UR UG/L	
BENZENE	1 U UG/L		1 U UG/L		1 U UG/L	
BROMODICHLOROMETHANE	1 U UG/L		1 U UG/L		1 U UG/L	
BROMOFORM	2 U UG/L		2 U UG/L		2 U UG/L	
BROMOMETHANE	5 U UG/L		5 U UG/L		5 U UG/L	
CARBON DISULFIDE	10 U UG/L		10 U UG/L		10 U UG/L	
CARBON TETRACHLORIDE	2 U UG/L		2 U UG/L		2 U UG/L	
CHLOROBENZENE	2 U UG/L		2 U UG/L		2 U UG/L	
CHLOROETHANE	2 U UG/L		2 U UG/L		2 U UG/L	
CHLOROFORM	2 U UG/L		2 U UG/L		2 U UG/L	
CHLOROMETHANE	2 U UG/L		2 U UG/L		2 U UG/L	
CIS-1,2-DICHLOROETHENE	2 U UG/L		2 U UG/L		2 U UG/L	
CIS-1,3-DICHLOROPROPENE	2 U UG/L		2 U UG/L		2 U UG/L	
DIBROMOCHLOROMETHANE	1 U UG/L		1 U UG/L		1 U UG/L	
ETHYLBENZENE	2 U UG/L		2 U UG/L		2 U UG/L	
METHANE	180 UG/L		50 UR UG/L		50 UR UG/L	
METHYLENE CHLORIDE	5 U UG/L		5 U UG/L		5 U UG/L	
STYRENE	2 U UG/L		2 U UG/L		2 U UG/L	
TETRACHLOROETHENE	2 U UG/L		2 U UG/L		2 U UG/L	
TOLUENE	2 U UG/L		2 U UG/L		2 U UG/L	
TRANS-1,2-DICHLOROETHENE	2 U UG/L		2 U UG/L		2 U UG/L	
TRANS-1,3-DICHLOROPROPENE	1 U UG/L		1 U UG/L		1 U UG/L	
TRICHLOROETHENE	2 U UG/L		2 U UG/L		2 U UG/L	
VINYL CHLORIDE	1 U UG/L		1 U UG/L		1 U UG/L	
XYLENES, TOTAL	6 U UG/L		6 U UG/L		6 U UG/L	

SAMPLE NUMBER	OU2MW16B00	OU2MW16B00-F	OU2MW17A00	OU2MW17A00-F	OU2MW17B00	OU2MW17B00-F
LAB ID NUMBER	F2646-6	F2646-6A	F2646-2	F2646-2A	F2646-3	F2646-3A
DATE SAMPLED	7/16/98	7/16/98	7/15/98	7/15/98	7/15/98	7/15/98
PARAMETER	RESULTS	RESULTS	RESULTS	RESULTS	RESULTS	RESULTS
SEMIVOLATILES						
1,2,4-TRICHLOROBENZENE	10 U UG/L		10 U UG/L		10 U UG/L	
1,2-DICHLOROBENZENE	10 U UG/L		10 U UG/L		10 U UG/L	
1,3-DICHLOROBENZENE	10 U UG/L		10 U UG/L		10 U UG/L	
1,4-DICHLOROBENZENE	10 U UG/L		10 U UG/L		10 U UG/L	
2,4,5-TRICHLOROPHENOL	4 U UG/L		4 U UG/L		4 U UG/L	
2,4,6-TRICHLOROPHENOL	4 U UG/L		4 U UG/L		4 U UG/L	
2,4-DICHLOROPHENOL	4 U UG/L		4 U UG/L		4 U UG/L	
2,4-DIMETHYLPHENOL	10 U UG/L		10 U UG/L		10 U UG/L	
2,4-DINITROPHENOL	25 U UG/L		25 U UG/L		25 U UG/L	
2,4-DINITROTOLUENE	0.2 U UG/L		0.2 U UG/L		0.2 U UG/L	
2,6-DINITROTOLUENE	0.2 U UG/L		1 U UG/L		0.2 U UG/L	
2-CHLORONAPHTHALENE	10 U UG/L		10 U UG/L		10 U UG/L	
2-CHLOROPHENOL	10 U UG/L		10 U UG/L		10 U UG/L	
2-METHYLNAPHTHALENE	10 U UG/L		10 U UG/L		10 U UG/L	
2-METHYLPHENOL	10 U UG/L		10 U UG/L		10 U UG/L	
2-NITROANILINE	7.5 U UG/L		7.5 U UG/L		7.5 U UG/L	
2-NITROPHENOL	10 U UG/L		10 U UG/L		10 U UG/L	
3&4-METHYLPHENOL	10 U UG/L		10 U UG/L		10 U UG/L	
3,3'-DICHLOROBENZIDINE	7.5 U UG/L		7.5 U UG/L		7.5 U UG/L	
3-NITROANILINE	7.5 U UG/L		7.5 U UG/L		7.5 U UG/L	
4,6-DINITRO-2-METHYLPHENOL	10 U UG/L		10 U UG/L		10 U UG/L	
4-BROMOPHENYL PHENYL ETHER	10 U UG/L		10 U UG/L		10 U UG/L	
4-CHLORO-3-METHYLPHENOL	10 U UG/L		10 U UG/L		10 U UG/L	
4-CHLOROANILINE	10 U UG/L		10 U UG/L		10 U UG/L	
4-CHLOROPHENYL PHENYL ETHER	10 U UG/L		10 U UG/L		10 U UG/L	
4-NITROANILINE	7.5 U UG/L		7.5 U UG/L		7.5 U UG/L	
4-NITROPHENOL	15 U UG/L		15 U UG/L		15 U UG/L	
ACENAPHTHENE	10 U UG/L		10 U UG/L		10 U UG/L	
ACENAPHTHYLENE	10 U UG/L		10 U UG/L		10 U UG/L	
ANTHRACENE	10 U UG/L		10 U UG/L		10 U UG/L	
BENZO(A)ANTHRACENE	0.2 U UG/L		0.2 U UG/L		0.2 U UG/L	
BENZO(A)PYRENE	0.2 U UG/L		0.2 U UG/L		0.2 U UG/L	
BENZO(B)FLUORANTHENE	0.2 U UG/L		0.2 U UG/L		0.2 U UG/L	
BENZO(G,H,I)PERYLENE	10 U UG/L		10 U UG/L		10 U UG/L	
BENZO(K)FLUORANTHENE	0.2 U UG/L		0.2 U UG/L		0.2 U UG/L	

SAMPLE NUMBER	OU2MW16B00	OU2MW16B00-F	OU2MW17A00	OU2MW17A00-F	OU2MW17B00	OU2MW17B00-F
LAB ID NUMBER	F2646-6	F2646-6A	F2646-2	F2646-2A	F2646-3	F2646-3A
DATE SAMPLED	7/16/98	7/16/98	7/15/98	7/15/98	7/15/98	7/15/98
PARAMETER	RESULTS	RESULTS	RESULTS	RESULTS	RESULTS	RESULTS
BIS(2-CHLOROETHOXY)METHANE	10 U UG/L		10 U UG/L		10 U UG/L	
BIS(2-CHLOROETHYL)ETHER	1.5 U UG/L		1.5 U UG/L		1.5 U UG/L	
BIS(2-CHLOROISOPROPYL) ETHER	7.5 U UG/L		7.5 U UG/L		7.5 U UG/L	
BIS(2-ETHYLHEXYL)PHTHALATE	6 U UG/L		6 U UG/L		6 U UG/L	
BUTYLBENZYL PHTHALATE	10 U UG/L		10 U UG/L		10 U UG/L	
CARBAZOLE	7.5 U UG/L		7.5 U UG/L		7.5 U UG/L	
CHRYSENE	5 U UG/L		5 U UG/L		5 U UG/L	
DI-N-BUTYL PHTHALATE	10 U UG/L		10 U UG/L		10 U UG/L	
DI-N-OCTYL PHTHALATE	10 U UG/L		10 U UG/L		10 U UG/L	
DIBENZO(A,H)ANTHRACENE	0.2 U UG/L		0.2 U UG/L		0.2 U UG/L	
DIBENZOFURAN	10 U UG/L		10 U UG/L		10 U UG/L	
DIETHYL PHTHALATE	10 U UG/L		10 U UG/L		10 U UG/L	
DIMETHYL PHTHALATE	10 U UG/L		10 U UG/L		10 U UG/L	
FLUORANTHENE	10 U UG/L		10 U UG/L		10 U UG/L	
FLUORENE	10 U UG/L		10 U UG/L		10 U UG/L	
HEXACHLOROBENZENE	1 U UG/L		1 U UG/L		1 U UG/L	
HEXACHLOROBUTADIENE	10 U UG/L		10 U UG/L		10 U UG/L	
HEXACHLOROCYCLOPENTADIENE	10 U UG/L		10 U UG/L		10 U UG/L	
HEXACHLOROETHANE	10 U UG/L		10 U UG/L		10 U UG/L	
INDENO(1,2,3-CD)PYRENE	0.2 U UG/L		0.2 U UG/L		0.2 U UG/L	
ISOPHORONE	10 U UG/L		10 U UG/L		10 U UG/L	
N-NITROSO-DI-N-PROPYLAMINE	1 U UG/L		1 U UG/L		1 U UG/L	
N-NITROSODIPHENYLAMINE	7.5 U UG/L		7.5 U UG/L		7.5 U UG/L	
NAPHTHALENE	5 U UG/L		5 U UG/L		5 U UG/L	
NITROBENZENE	10 U UG/L		10 U UG/L		10 U UG/L	
PHENANTHRENE	10 U UG/L		10 U UG/L		10 U UG/L	
PHENOL	10 U UG/L		10 U UG/L		10 U UG/L	
PYRENE	10 U UG/L		10 U UG/L		10 U UG/L	
HERBICIDES						
2,4,5-T	0.047 U UG/L		0.047 U UG/L		0.047 U UG/L	
2,4,5-TP (SILVEX)	0.089 U UG/L		0.089 U UG/L		0.089 U UG/L	
2,4-D	0.19 U UG/L		0.19 U UG/L		0.19 U UG/L	
2,4-DB	0.2 U UG/L		0.2 U UG/L		0.2 U UG/L	
DALAPON	0.4 U UG/L		0.4 U UG/L		0.4 U UG/L	
DICAMBA	0.2 U UG/L		0.2 U UG/L		0.2 U UG/L	
DICHLOROPROP	1 U UG/L		1 U UG/L		1 U UG/L	

SAMPLE NUMBER	OU2MW16B00	OU2MW16B00-F	OU2MW17A00	OU2MW17A00-F	OU2MW17B00	OU2MW17B00-F
LAB ID NUMBER	F2646-6	F2646-6A	F2646-2	F2646-2A	F2646-3	F2646-3A
DATE SAMPLED	7/16/98	7/16/98	7/15/98	7/15/98	7/15/98	7/15/98
PARAMETER	RESULTS	RESULTS	RESULTS	RESULTS	RESULTS	RESULTS
DINOSEB	0.2 U UG/L		0.2 U UG/L		0.2 U UG/L	
MCPA	100 U UG/L		100 U UG/L		100 U UG/L	
MCPP	50 U UG/L		50 UJ UG/L		50 UJ UG/L	
PENTACHLOROPHENOL	0.1 U UG/L		0.1 U UG/L		0.1 U UG/L	
PESTICIDES/PCBS						
4,4'-DDD	0.10 U UG/L		0.10 U UG/L		0.10 U UG/L	
4,4'-DDE	0.10 U UG/L		0.10 U UG/L		0.10 U UG/L	
4,4'-DDT	0.10 U UG/L		0.10 U UG/L		0.10 U UG/L	
ALDRIN	0.050 U UG/L		0.050 U UG/L		0.050 U UG/L	
ALPHA-BHC	0.050 U UG/L		0.050 U UG/L		0.050 U UG/L	
ALPHA-CHLORDANE	0.10 U UG/L		0.10 U UG/L		0.10 U UG/L	
AROCLOR-1016						
AROCLOR-1221						
AROCLOR-1232						
AROCLOR-1242						
AROCLOR-1248						
AROCLOR-1254						
AROCLOR-1260						
BETA-BHC	0.10 U UG/L		0.10 U UG/L		0.10 U UG/L	
DELTA-BHC	0.050 U UG/L		0.050 U UG/L		0.050 U UG/L	
DIELDRIN	0.10 U UG/L		0.10 U UG/L		0.10 U UG/L	
ENDOSULFAN I	0.050 U UG/L		0.050 U UG/L		0.050 U UG/L	
ENDOSULFAN II	0.10 U UG/L		0.10 U UG/L		0.10 U UG/L	
ENDOSULFAN SULFATE	0.10 U UG/L		0.10 U UG/L		0.10 U UG/L	
ENDRIN	0.10 U UG/L		0.10 U UG/L		0.10 U UG/L	
ENDRIN ALDEHYDE	0.10 U UG/L		0.10 U UG/L		0.10 U UG/L	
ENDRIN KETONE	0.10 U UG/L		0.10 U UG/L		0.10 U UG/L	
GAMMA-BHC (LINDANE)	0.050 U UG/L		0.050 U UG/L		0.050 U UG/L	
GAMMA-CHLORDANE	0.10 U UG/L		0.10 U UG/L		0.10 U UG/L	
HEPTACHLOR	0.050 U UG/L		0.050 U UG/L		0.050 U UG/L	
HEPTACHLOR EPOXIDE	0.050 U UG/L		0.050 U UG/L		0.050 U UG/L	
METHOXYCHLOR	0.50 U UG/L		0.50 U UG/L		0.50 U UG/L	
TOXAPHENE	2.5 U UG/L		2.5 U UG/L		2.5 U UG/L	
PETROLEUM HYDROCARBONS						
TPH (C8-C40)	0.5 U MG/L		0.5 U MG/L		0.5 U MG/L	
MISC						

SAMPLE NUMBER	OU2MW16B00	OU2MW16B00-F	OU2MW17A00	OU2MW17A00-F	OU2MW17B00	OU2MW17B00-F
LAB ID NUMBER	F2646-6	F2646-6A	F2646-2	F2646-2A	F2646-3	F2646-3A
DATE SAMPLED	7/16/98	7/16/98	7/15/98	7/15/98	7/15/98	7/15/98
PARAMETER	RESULTS	RESULTS	RESULTS	RESULTS	RESULTS	RESULTS
ALKALINITY	61.7 MG/L		50.7 MG/L		18.9 MG/L	
BOD-5DAY (TOTAL)	5.0 U MG/L		4.3 MG/L		32.0 MG/L	
CHEMICAL OXYGEN DEMAND	29.8 MG/L		79.4 MG/L		24.8 MG/L	
CHLORIDE	37.0 MG/L		77.0 MG/L		52.0 MG/L	
CYANIDE	0.0050 U MG/L		0.0050 U MG/L		0.0050 U MG/L	
HARDNESS as CaCO3	59.2 MG/L		69.1 MG/L		74.7 MG/L	
NITRATE, AS NITROGEN	0.21 U MG/L		0.21 U MG/L		0.21 U MG/L	
NITRATE/NITRITE, AS N	0.20 U MG/L		0.20 U MG/L		0.20 U MG/L	
NITRITE, AS NITROGEN	0.010 U MG/L		0.010 U MG/L		0.010 U MG/L	
ORTHOPHOSPHATE	0.52 MG/L		0.10 U MG/L		0.28 MG/L	
PH	6.2		5.8		5.5	
PLATE COUNT, TOTAL	5320 CFU/M		9760 CFU/M		6780 CFU/M	
REDOX POTENTIAL VS H2	154 MV		433 MV		358 MV	
SULFATE	10.0 U MG/L		10.0 U MG/L		10.0 U MG/L	
TOTAL DISSOLVED SOLIDS	190 MG/L		269 MG/L		154 MG/L	
TOTAL ORGANIC CARBON	8.7 MG/L		48.8 MG/L		8.6 MG/L	
TOTAL SUSPENDED SOLIDS	710 MG/L		31.0 MG/L		482 MG/L	
TURBIDITY						
METALS (UNFILTERED)						
ALUMINUM	895 U UG/L		1230 U UG/L		17800 J UG/L	
ANTIMONY	3.2 UR UG/L		3.2 UR UG/L		3.2 UR UG/L	
ARSENIC	2.4 U UG/L		2.4 U UG/L		2.4 U UG/L	
BARIUM	0.60 UJ UG/L		0.60 UJ UG/L		445 J UG/L	
BERYLLIUM	0.60 U UG/L		0.60 U UG/L		5.5 U UG/L	
CADMIUM	0.50 UJ UG/L		0.50 UJ UG/L		7.1 U UG/L	
CALCIUM	23700 J UG/L		18700 J UG/L		29900 J UG/L	
CHROMIUM	1.4 UJ UG/L		12.8 U UG/L		37.3 J UG/L	
COBALT	1.4 UJ UG/L		1.4 UJ UG/L		1.4 UJ UG/L	
COPPER	1.4 U UG/L		1.4 U UG/L		55.4 J UG/L	
IRON	1960 J UG/L		529 U UG/L		4670 J UG/L	
LEAD	5.7 U UG/L		3.6 U UG/L		35.8 J UG/L	
MAGNESIUM	24.0 UJ UG/L		5450 J UG/L		24.0 UJ UG/L	
MANGANESE	29.0 J UG/L		0.50 UJ UG/L		29.6 J UG/L	
MERCURY	0.20 U UG/L		0.20 U UG/L		0.20 U UG/L	
NICKEL	1.5 UJ UG/L		1.5 UJ UG/L		1.5 UJ UG/L	
POTASSIUM	5000 UJ UG/L		10000 J UG/L		5000 UJ UG/L	

SAMPLE NUMBER	OU2MW16B00	OU2MW16B00-F	OU2MW17A00	OU2MW17A00-F	OU2MW17B00	OU2MW17B00-F
LAB ID NUMBER	F2646-6	F2646-6A	F2646-2	F2646-2A	F2646-3	F2646-3A
DATE SAMPLED	7/16/98	7/16/98	7/15/98	7/15/98	7/15/98	7/15/98
PARAMETER	RESULTS	RESULTS	RESULTS	RESULTS	RESULTS	RESULTS
SELENIUM	2.9 U UG/L		2.9 U UG/L		13.9 U UG/L	
SILVER	1.2 UJ UG/L		1.2 UJ UG/L		1.2 UJ UG/L	
SODIUM	14600 J UG/L		42400 J UG/L		18800 J UG/L	
THALLIUM	2.6 U UG/L		2.6 U UG/L		2.6 U UG/L	
VANADIUM	1.5 UJ UG/L		1.5 UJ UG/L		1.5 UJ UG/L	
ZINC	67.6 J UG/L		122 J UG/L		217 J UG/L	
METALS (DISSOLVED)						
ALUMINUM		1290 J UG/L		1040 U UG/L		629 U UG/L
ANTIMONY		3.8 UR UG/L		3.8 UR UG/L		3.8 UR UG/L
ARSENIC		3.1 U UG/L		3.1 U UG/L		3.1 U UG/L
BARIUM		277 J UG/L		260 J UG/L		603 J UG/L
BERYLLIUM		0.20 U UG/L		0.20 U UG/L		0.20 U UG/L
CADMIUM		0.50 UJ UG/L		0.50 UJ UG/L		0.50 UJ UG/L
CALCIUM		28500 J UG/L		16700 J UG/L		16400 J UG/L
CHROMIUM		0.96 UJ UG/L		17.0 U UG/L		0.96 UJ UG/L
COBALT		0.71 UJ UG/L		0.71 UJ UG/L		0.71 UJ UG/L
COPPER		1.2 U UG/L		1.2 U UG/L		1.2 U UG/L
IRON		2190 J UG/L		287 U UG/L		2070 J UG/L
LEAD		3.3 U UG/L		3.2 U UG/L		3.0 U UG/L
MAGNESIUM		10.0 UJ UG/L		10.0 UJ UG/L		10.0 UJ UG/L
MANGANESE		31.8 J UG/L		0.39 UJ UG/L		40.6 J UG/L
MERCURY		0.20 U UG/L		0.20 U UG/L		0.20 U UG/L
NICKEL		1.6 UJ UG/L		1.6 UJ UG/L		1.6 UJ UG/L
POTASSIUM		25.0 UJ UG/L		7910 J UG/L		25.0 UJ UG/L
SELENIUM		2.3 U UG/L		2.3 U UG/L		2.3 U UG/L
SILVER		1.8 UJ UG/L		1.8 UJ UG/L		1.8 UJ UG/L
SODIUM		15700 J UG/L		35600 J UG/L		16900 J UG/L
THALLIUM		3.9 U UG/L		3.9 U UG/L		3.9 U UG/L
VANADIUM		1.1 UJ UG/L		1.1 UJ UG/L		1.1 UJ UG/L
ZINC		71.9 J UG/L		61.9 J UG/L		66.7 J UG/L
RADIOLOGICAL						
CESIUM-137						
COBALT-60						
GROSS ALPHA	14.7+/-1.3 pCi/L		3.4+/-0.9 pCi/L		17.2+/-1.3 pCi/L	
GROSS BETA	8.5+/-1.0 pCi/L		7.2+/-1.0 pCi/L		8.2+/-0.9 pCi/L	

SAMPLE NUMBER	OU2MW18A00	OU2MW18A00-F	OU2MW18B00	OU2MW18B00-F	OU2MW19A00	OU2MW19A00-F
LAB ID NUMBER	F2742-17	F2742-17AA	F2742-16	F2742-16AA	F2646-1	F2646-1A
DATE SAMPLED	8/4/98	8/4/98	8/4/98	8/4/98	7/15/98	7/15/98
PARAMETER	RESULTS	RESULTS	RESULTS	RESULTS	RESULTS	RESULTS
VOLATILES						
1,1,1-TRICHLOROETHANE	2 U UG/L		2 U UG/L			
1,1,2,2-TETRACHLOROETHANE	1 U UG/L		1 U UG/L			
1,1,2-TRICHLOROETHANE	2 U UG/L		2 U UG/L			
1,1-DICHLOROETHANE	2 U UG/L		2 U UG/L			
1,1-DICHLOROETHENE	2 U UG/L		2 U UG/L			
1,2-DICHLOROETHANE	2 U UG/L		2 U UG/L			
1,2-DICHLOROPROPANE	2 U UG/L		2 U UG/L			
2-BUTANONE	10 UR UG/L		10 UR UG/L			
2-HEXANONE	10 U UG/L		10 U UG/L			
4-METHYL-2-PENTANONE	10 U UG/L		10 U UG/L			
ACETONE	50 UR UG/L		50 UR UG/L			
BENZENE	1 U UG/L		1 U UG/L			
BROMODICHLOROMETHANE	1 U UG/L		1 U UG/L			
BROMOFORM	2 U UG/L		2 U UG/L			
BROMOMETHANE	5 U UG/L		5 U UG/L			
CARBON DISULFIDE	10 U UG/L		10 U UG/L			
CARBON TETRACHLORIDE	2 U UG/L		2 U UG/L			
CHLOROBENZENE	2 U UG/L		2 U UG/L			
CHLOROETHANE	2 U UG/L		2 U UG/L			
CHLOROFORM	2 U UG/L		2.1 UG/L			
CHLOROMETHANE	2 U UG/L		2 U UG/L			
CIS-1,2-DICHLOROETHENE	2 U UG/L		62 UG/L			
CIS-1,3-DICHLOROPROPENE	2 U UG/L		2 U UG/L			
DIBROMOCHLOROMETHANE	1 U UG/L		1 U UG/L			
ETHYLBENZENE	2 U UG/L		2 U UG/L			
METHANE	50 U UG/L		50 U UG/L		50 UR UG/L	
METHYLENE CHLORIDE	5 U UG/L		5 U UG/L			
STYRENE	2 U UG/L		2 U UG/L			
TETRACHLOROETHENE	2 U UG/L		64.3 UG/L			
TOLUENE	2 U UG/L		1.6 J UG/L			
TRANS-1,2-DICHLOROETHENE	2 U UG/L		2 U UG/L			
TRANS-1,3-DICHLOROPROPENE	1 U UG/L		1 U UG/L			
TRICHLOROETHENE	2 U UG/L		1250 UG/L			
VINYL CHLORIDE	1 U UG/L		20.3 UG/L			
XYLENES, TOTAL	6 U UG/L		6 U UG/L			

SAMPLE NUMBER	OU2MW18A00	OU2MW18A00-F	OU2MW18B00	OU2MW18B00-F	OU2MW19A00	OU2MW19A00-F
LAB ID NUMBER	F2742-17	F2742-17AA	F2742-16	F2742-16AA	F2646-1	F2646-1A
DATE SAMPLED	8/4/98	8/4/98	8/4/98	8/4/98	7/15/98	7/15/98
PARAMETER	RESULTS	RESULTS	RESULTS	RESULTS	RESULTS	RESULTS
SEMIVOLATILES						
1,2,4-TRICHLOROBENZENE	10 U UG/L		10 U UG/L		10 U UG/L	
1,2-DICHLOROBENZENE	10 U UG/L		10 U UG/L		10 U UG/L	
1,3-DICHLOROBENZENE	10 U UG/L		10 U UG/L		10 U UG/L	
1,4-DICHLOROBENZENE	10 U UG/L		10 U UG/L		10 U UG/L	
2,4,5-TRICHLOROPHENOL	4 U UG/L		4 U UG/L		4 U UG/L	
2,4,6-TRICHLOROPHENOL	4 U UG/L		4 U UG/L		4 U UG/L	
2,4-DICHLOROPHENOL	4 U UG/L		4 U UG/L		4 U UG/L	
2,4-DIMETHYLPHENOL	10 U UG/L		10 U UG/L		10 U UG/L	
2,4-DINITROPHENOL	25 U UG/L		25 U UG/L		25 U UG/L	
2,4-DINITROTOLUENE	0.2 UJ UG/L		0.2 UJ UG/L		0.2 U UG/L	
2,6-DINITROTOLUENE	0.2 U UG/L		0.2 U UG/L		0.2 U UG/L	
2-CHLORONAPHTHALENE	10 U UG/L		10 U UG/L		10 U UG/L	
2-CHLOROPHENOL	10 U UG/L		10 U UG/L		10 U UG/L	
2-METHYLNAPHTHALENE	10 U UG/L		10 U UG/L		10 U UG/L	
2-METHYLPHENOL	10 U UG/L		10 U UG/L		10 U UG/L	
2-NITROANILINE	7.5 U UG/L		7.5 U UG/L		7.5 U UG/L	
2-NITROPHENOL	10 U UG/L		10 U UG/L		10 U UG/L	
3&4-METHYLPHENOL	10 U UG/L		10 U UG/L		10 U UG/L	
3,3'-DICHLOROBENZIDINE	7.5 UJ UG/L		7.5 UJ UG/L		7.5 U UG/L	
3-NITROANILINE	7.5 U UG/L		7.5 U UG/L		7.5 U UG/L	
4,6-DINITRO-2-METHYLPHENOL	10 U UG/L		10 U UG/L		10 U UG/L	
4-BROMOPHENYL PHENYL ETHER	10 U UG/L		10 U UG/L		10 U UG/L	
4-CHLORO-3-METHYLPHENOL	10 U UG/L		10 U UG/L		10 U UG/L	
4-CHLOROANILINE	10 U UG/L		10 U UG/L		10 U UG/L	
4-CHLOROPHENYL PHENYL ETHER	10 U UG/L		10 U UG/L		10 U UG/L	
4-NITROANILINE	7.5 UJ UG/L		7.5 UJ UG/L		7.5 U UG/L	
4-NITROPHENOL	15 U UG/L		15 U UG/L		15 U UG/L	
ACENAPHTHENE	10 U UG/L		10 U UG/L		10 U UG/L	
ACENAPHTHYLENE	10 U UG/L		10 U UG/L		10 U UG/L	
ANTHRACENE	10 U UG/L		10 U UG/L		10 U UG/L	
BENZO(A)ANTHRACENE	0.2 U UG/L		0.2 U UG/L		0.2 U UG/L	
BENZO(A)PYRENE	0.2 U UG/L		0.2 U UG/L		0.2 U UG/L	
BENZO(B)FLUORANTHENE	0.2 U UG/L		0.2 U UG/L		0.2 U UG/L	
BENZO(G,H,I)PERYLENE	10 U UG/L		10 U UG/L		10 U UG/L	
BENZO(K)FLUORANTHENE	0.2 U UG/L		0.2 U UG/L		0.2 U UG/L	

SAMPLE NUMBER	OU2MW18A00	OU2MW18A00-F	OU2MW18B00	OU2MW18B00-F	OU2MW19A00	OU2MW19A00-F
LAB ID NUMBER	F2742-17	F2742-17AA	F2742-16	F2742-16AA	F2646-1	F2646-1A
DATE SAMPLED	8/4/98	8/4/98	8/4/98	8/4/98	7/15/98	7/15/98
PARAMETER	RESULTS	RESULTS	RESULTS	RESULTS	RESULTS	RESULTS
BIS(2-CHLOROETHOXY)METHANE	10 U UG/L		10 U UG/L		10 U UG/L	
BIS(2-CHLOROETHYL)ETHER	1.5 U UG/L		1.5 U UG/L		1.5 U UG/L	
BIS(2-CHLOROISOPROPYL) ETHER	7.5 U UG/L		7.5 U UG/L		7.5 U UG/L	
BIS(2-ETHYLHEXYL)PHTHALATE	6 U UG/L		6 U UG/L		6 U UG/L	
BUTYLBENZYL PHTHALATE	10 U UG/L		10 U UG/L		10 U UG/L	
CARBAZOLE	7.5 U UG/L		7.5 U UG/L		7.5 U UG/L	
CHRYSENE	5 U UG/L		5 U UG/L		5 U UG/L	
DI-N-BUTYL PHTHALATE	10 U UG/L		10 U UG/L		10 U UG/L	
DI-N-OCTYL PHTHALATE	10 U UG/L		10 U UG/L		10 U UG/L	
DIBENZO(A,H)ANTHRACENE	0.2 U UG/L		0.2 U UG/L		0.2 U UG/L	
DIBENZOFURAN	10 U UG/L		10 U UG/L		10 U UG/L	
DIETHYL PHTHALATE	10 U UG/L		5 J UG/L		10 U UG/L	
DIMETHYL PHTHALATE	10 U UG/L		10 U UG/L		10 U UG/L	
FLUORANTHENE	10 U UG/L		10 U UG/L		10 U UG/L	
FLUORENE	10 U UG/L		10 U UG/L		10 U UG/L	
HEXACHLOROBENZENE	1 U UG/L		1 U UG/L		1 U UG/L	
HEXACHLOROBUTADIENE	10 U UG/L		10 U UG/L		10 U UG/L	
HEXACHLOROCYCLOPENTADIENE	10 U UG/L		10 U UG/L		10 U UG/L	
HEXACHLOROETHANE	10 U UG/L		10 U UG/L		10 U UG/L	
INDENO(1,2,3-CD)PYRENE	0.2 U UG/L		0.2 U UG/L		0.2 U UG/L	
ISOPHORONE	10 U UG/L		10 U UG/L		10 U UG/L	
N-NITROSO-DI-N-PROPYLAMINE	1 U UG/L		1 U UG/L		1 U UG/L	
N-NITROSODIPHENYLAMINE	7.5 U UG/L		7.5 U UG/L		7.5 U UG/L	
NAPHTHALENE	5 U UG/L		5 U UG/L		5 U UG/L	
NITROBENZENE	10 U UG/L		10 U UG/L		10 U UG/L	
PHENANTHRENE	10 U UG/L		10 U UG/L		10 U UG/L	
PHENOL	10 U UG/L		10 U UG/L		10 U UG/L	
PYRENE	10 U UG/L		10 U UG/L		10 U UG/L	
HERBICIDES						
2,4,5-T	0.047 U UG/L		0.047 U UG/L		0.047 U UG/L	
2,4,5-TP (SILVEX)	0.089 U UG/L		0.089 U UG/L		0.089 U UG/L	
2,4-D	0.19 U UG/L		0.19 U UG/L		0.19 U UG/L	
2,4-DB	0.2 U UG/L		0.2 U UG/L		0.2 U UG/L	
DALAPON	0.4 U UG/L		0.4 U UG/L		0.4 U UG/L	
DICAMBA	0.2 U UG/L		0.2 U UG/L		0.2 U UG/L	
DICHLOROPROP	1 U UG/L		1 U UG/L		1 U UG/L	

SAMPLE NUMBER	OU2MW18A00	OU2MW18A00-F	OU2MW18B00	OU2MW18B00-F	OU2MW19A00	OU2MW19A00-F
LAB ID NUMBER	F2742-17	F2742-17AA	F2742-16	F2742-16AA	F2646-1	F2646-1A
DATE SAMPLED	8/4/98	8/4/98	8/4/98	8/4/98	7/15/98	7/15/98
PARAMETER	RESULTS	RESULTS	RESULTS	RESULTS	RESULTS	RESULTS
DINOSEB	0.2 U UG/L		0.2 U UG/L		0.2 U UG/L	
MCPA	100 U UG/L		100 U UG/L		100 U UG/L	
MCPP	50 U UG/L		50 U UG/L		50 UJ UG/L	
PENTACHLOROPHENOL	0.1 U UG/L		0.1 U UG/L		0.1 U UG/L	
PESTICIDES/PCBS						
4,4'-DDD	0.10 UJ UG/L		0.10 U UG/L		0.10 U UG/L	
4,4'-DDE	0.10 UJ UG/L		0.10 U UG/L		0.10 U UG/L	
4,4'-DDT	0.10 UJ UG/L		0.10 U UG/L		0.10 U UG/L	
ALDRIN	0.050 UJ UG/L		0.050 U UG/L		0.050 U UG/L	
ALPHA-BHC	0.050 UJ UG/L		0.050 U UG/L		0.050 U UG/L	
ALPHA-CHLORDANE	0.10 UJ UG/L		0.10 U UG/L		0.10 U UG/L	
AROCLOR-1016						
AROCLOR-1221						
AROCLOR-1232						
AROCLOR-1242						
AROCLOR-1248						
AROCLOR-1254						
AROCLOR-1260						
BETA-BHC	0.10 UJ UG/L		0.10 U UG/L		0.10 U UG/L	
DELTA-BHC	0.050 UJ UG/L		0.050 U UG/L		0.050 U UG/L	
DIELDRIN	0.10 UJ UG/L		0.10 U UG/L		0.10 U UG/L	
ENDOSULFAN I	0.050 UJ UG/L		0.050 U UG/L		0.050 U UG/L	
ENDOSULFAN II	0.10 UJ UG/L		0.10 U UG/L		0.10 U UG/L	
ENDOSULFAN SULFATE	0.10 UJ UG/L		0.10 U UG/L		0.10 U UG/L	
ENDRIN	0.10 UJ UG/L		0.10 U UG/L		0.10 U UG/L	
ENDRIN ALDEHYDE	0.10 UJ UG/L		0.10 U UG/L		0.10 U UG/L	
ENDRIN KETONE	0.10 UJ UG/L		0.10 U UG/L		0.10 U UG/L	
GAMMA-BHC (LINDANE)	0.050 UJ UG/L		0.050 U UG/L		0.050 U UG/L	
GAMMA-CHLORDANE	0.10 UJ UG/L		0.10 U UG/L		0.10 U UG/L	
HEPTACHLOR	0.050 UJ UG/L		0.050 U UG/L		0.050 U UG/L	
HEPTACHLOR EPOXIDE	0.050 UJ UG/L		0.050 U UG/L		0.050 U UG/L	
METHOXYCHLOR	0.50 UJ UG/L		0.50 U UG/L		0.50 U UG/L	
TOXAPHENE	2.5 UJ UG/L		2.5 U UG/L		2.5 U UG/L	
PETROLEUM HYDROCARBONS						
TPH (C8-C40)	0.5 U MG/L		0.5 U MG/L		0.5 U MG/L	
MISC						

SAMPLE NUMBER	OU2MW18A00	OU2MW18A00-F	OU2MW18B00	OU2MW18B00-F	OU2MW19A00	OU2MW19A00-F
LAB ID NUMBER	F2742-17	F2742-17AA	F2742-16	F2742-16AA	F2646-1	F2646-1A
DATE SAMPLED	8/4/98	8/4/98	8/4/98	8/4/98	7/15/98	7/15/98
PARAMETER	RESULTS	RESULTS	RESULTS	RESULTS	RESULTS	RESULTS
ALKALINITY	17.0 MG/L		14.5 MG/L		5.0 U MG/L	
BOD-5DAY (TOTAL)	10.0 U MG/L		5.0 U MG/L		6.1 MG/L	
CHEMICAL OXYGEN DEMAND	31.0 MG/L		46.0 J MG/L		20.0 U MG/L	
CHLORIDE	4.5 U MG/L		11.0 MG/L		48.0 MG/L	
CYANIDE	0.0050 U MG/L		0.0050 U MG/L		0.0050 U MG/L	
HARDNESS as CaCO3	21.7 MG/L		40.0 MG/L		15.6 MG/L	
NITRATE, AS NITROGEN	0.25 U MG/L				0.35 MG/L	
NITRATE/NITRITE, AS N	0.26 U MG/L				0.35 MG/L	
NITRITE, AS NITROGEN	0.010 MG/L		0.010 U MG/L		0.010 U MG/L	
ORTHOPHOSPHATE	0.29 MG/L		0.38 MG/L		0.10 U MG/L	
PH	4.8		5.4		4.8	
PLATE COUNT, TOTAL	38600 CFU/M		4400 CFU/M		7920 CFU/M	
REDOX POTENTIAL VS H2	414 MV		95.5 MV		600 MV	
SULFATE	20.0 U MG/L		10.0 U MG/L		10.0 U MG/L	
TOTAL DISSOLVED SOLIDS	546 MG/L		134 MG/L		70.0 MG/L	
TOTAL ORGANIC CARBON	8.4 MG/L		7.0 MG/L		5.8 MG/L	
TOTAL SUSPENDED SOLIDS	292 MG/L		41.0 MG/L		57.0 MG/L	
TURBIDITY	1650 NTU		57.0 NTU			
METALS (UNFILTERED)						
ALUMINUM	28900 J UG/L		5530 J UG/L		620 U UG/L	
ANTIMONY	3.8 UR UG/L		3.8 UR UG/L		3.2 UR UG/L	
ARSENIC	3.1 U UG/L		5.0 U UG/L		2.4 U UG/L	
BARIUM	277 U UG/L		0.47 U UG/L		0.60 UJ UG/L	
BERYLLIUM	0.20 U UG/L		0.20 U UG/L		0.60 U UG/L	
CADMIUM	0.50 U UG/L		0.50 U UG/L		0.50 UJ UG/L	
CALCIUM	8700 J UG/L		16000 J UG/L		6240 J UG/L	
CHROMIUM	32.2 U UG/L		12.0 U UG/L		1.4 UJ UG/L	
COBALT	0.71 UJ UG/L		0.71 UJ UG/L		1.4 UJ UG/L	
COPPER	27.1 UG/L		1.2 U UG/L		1.4 U UG/L	
IRON	4660 J UG/L		2630 U UG/L		815 J UG/L	
LEAD	30.9 J UG/L		9.1 U UG/L		3.0 U UG/L	
MAGNESIUM	10.0 UJ UG/L		10.0 UJ UG/L		24.0 UJ UG/L	
MANGANESE	0.39 UJ UG/L		19.6 J UG/L		39.7 J UG/L	
MERCURY	0.20 U UG/L		0.20 U UG/L		0.20 U UG/L	
NICKEL	1.6 UJ UG/L		1.6 UJ UG/L		1.5 UJ UG/L	
POTASSIUM	25.0 UJ UG/L		25.0 UJ UG/L		5320 J UG/L	

SAMPLE NUMBER	OU2MW18A00	OU2MW18A00-F	OU2MW18B00	OU2MW18B00-F	OU2MW19A00	OU2MW19A00-F
LAB ID NUMBER	F2742-17	F2742-17AA	F2742-16	F2742-16AA	F2646-1	F2646-1A
DATE SAMPLED	8/4/98	8/4/98	8/4/98	8/4/98	7/15/98	7/15/98
PARAMETER	RESULTS	RESULTS	RESULTS	RESULTS	RESULTS	RESULTS
SELENIUM	5.6 U UG/L		2.3 U UG/L		2.9 U UG/L	
SILVER	1.8 UJ UG/L		1.8 UJ UG/L		1.2 UJ UG/L	
SODIUM	330 UJ UG/L		12700 J UG/L		10300 J UG/L	
THALLIUM	3.9 U UG/L		3.9 U UG/L		2.6 U UG/L	
VANADIUM	1.1 UJ UG/L		1.1 UJ UG/L		1.5 UJ UG/L	
ZINC	174 U UG/L		162 U UG/L		245 J UG/L	
METALS (DISSOLVED)						
ALUMINUM		919 U UG/L		290 U UG/L		500 U UG/L
ANTIMONY		3.8 UR UG/L		3.8 UR UG/L		3.8 UR UG/L
ARSENIC		3.1 U UG/L		3.1 U UG/L		3.1 U UG/L
BARIUM		0.47 U UG/L		0.47 U UG/L		478 J UG/L
BERYLLIUM		0.20 U UG/L		0.20 U UG/L		0.20 U UG/L
CADMIUM		0.50 U UG/L		0.50 U UG/L		0.50 UJ UG/L
CALCIUM		6.6 UJ UG/L		12400 J UG/L		6540 J UG/L
CHROMIUM		0.96 UJ UG/L		0.96 UJ UG/L		0.96 UJ UG/L
COBALT		0.71 UJ UG/L		0.71 UJ UG/L		0.71 UJ UG/L
COPPER		1.2 U UG/L		1.2 U UG/L		1.2 U UG/L
IRON		1460 U UG/L		1490 U UG/L		611 U UG/L
LEAD		2.1 UJ UG/L		2.1 UJ UG/L		3.5 U UG/L
MAGNESIUM		10.0 UJ UG/L		10.0 UJ UG/L		10.0 UJ UG/L
MANGANESE		21.2 J UG/L		33.8 J UG/L		31.3 J UG/L
MERCURY		0.20 U UG/L		0.20 U UG/L		0.20 U UG/L
NICKEL		1.6 UJ UG/L		1.6 UJ UG/L		1.6 UJ UG/L
POTASSIUM		25.0 UJ UG/L		25.0 UJ UG/L		25.0 UJ UG/L
SELENIUM		2.3 U UG/L		2.3 U UG/L		2.3 U UG/L
SILVER		1.8 UJ UG/L		1.8 UJ UG/L		1.8 UJ UG/L
SODIUM		330 UJ UG/L		11900 J UG/L		7860 J UG/L
THALLIUM		3.9 U UG/L		3.9 U UG/L		3.9 U UG/L
VANADIUM		1.1 UJ UG/L		1.1 UJ UG/L		1.1 UJ UG/L
ZINC		163 U UG/L		187 U UG/L		144 J UG/L
RADIOLOGICAL						
CESIUM-137						
COBALT-60						
GROSS ALPHA	12.4+/-1.1 pCi/L		5.4+/-0.9 pCi/L		4.2+/-0.7 pCi/L	
GROSS BETA	10.1+/-1.0 pCi/L		5.0+/-0.9 pCi/L		6.9+/-0.9 pCi/L	

SAMPLE NUMBER	OU2MW19B00	OU2MW19B00-F	OU2MW20A00	OU2MW20A00-F	OU2MW20B00	OU2MW20B00-F
LAB ID NUMBER	F2646-5	F2646-5A	F2646-13	F2646-13A	F2646-12	F2646-12A
DATE SAMPLED	7/16/98	7/16/98	7/18/98	7/18/98	7/18/98	7/18/98
PARAMETER	RESULTS	RESULTS	RESULTS	RESULTS	RESULTS	RESULTS
VOLATILES						
1,1,1-TRICHLOROETHANE	2 U UG/L		2 U UG/L		2 U UG/L	
1,1,2,2-TETRACHLOROETHANE	1 U UG/L		0.92 J UG/L		1 U UG/L	
1,1,2-TRICHLOROETHANE	2 U UG/L		2 U UG/L		2 U UG/L	
1,1-DICHLOROETHANE	2 U UG/L		2 U UG/L		2 U UG/L	
1,1-DICHLOROETHENE	2 U UG/L		2 U UG/L		2 U UG/L	
1,2-DICHLOROETHANE	2 U UG/L		2 U UG/L		2 U UG/L	
1,2-DICHLOROPROPANE	2 U UG/L		2 U UG/L		2 U UG/L	
2-BUTANONE	10 UR UG/L		15.3 J UG/L		13.3 J UG/L	
2-HEXANONE	10 U UG/L		12.9 UG/L		9.7 J UG/L	
4-METHYL-2-PENTANONE	10 U UG/L		10.4 UG/L		8.5 J UG/L	
ACETONE	50 UR UG/L		50 UR UG/L		50 UR UG/L	
BENZENE	1 U UG/L		1 U UG/L		1 U UG/L	
BROMODICHLOROMETHANE	1 U UG/L		1 U UG/L		1 U UG/L	
BROMOFORM	2 U UG/L		2 U UG/L		2 U UG/L	
BROMOMETHANE	5 U UG/L		5 U UG/L		5 U UG/L	
CARBON DISULFIDE	10 U UG/L		10 U UG/L		10 U UG/L	
CARBON TETRACHLORIDE	2 U UG/L		2 U UG/L		2 U UG/L	
CHLOROBENZENE	2 U UG/L		2 U UG/L		2 U UG/L	
CHLOROETHANE	2 U UG/L		2 U UG/L		2 U UG/L	
CHLOROFORM	2 U UG/L		2 U UG/L		6.3 UG/L	
CHLOROMETHANE	2 U UG/L		2 U UG/L		2 U UG/L	
CIS-1,2-DICHLOROETHENE	2 U UG/L		2 U UG/L		2 U UG/L	
CIS-1,3-DICHLOROPROPENE	2 U UG/L		2 U UG/L		2 U UG/L	
DIBROMOCHLOROMETHANE	1 U UG/L		1 U UG/L		1 U UG/L	
ETHYLBENZENE	2 U UG/L		2 U UG/L		2 U UG/L	
METHANE	160 UG/L		50 U UG/L		240 UG/L	
METHYLENE CHLORIDE	5 U UG/L		5 U UG/L		5 U UG/L	
STYRENE	2 U UG/L		2 U UG/L		2 U UG/L	
TETRACHLOROETHENE	2 U UG/L		2 U UG/L		2 U UG/L	
TOLUENE	2 U UG/L		2 U UG/L		2 U UG/L	
TRANS-1,2-DICHLOROETHENE	2 U UG/L		2 U UG/L		2 U UG/L	
TRANS-1,3-DICHLOROPROPENE	1 U UG/L		1 U UG/L		1 U UG/L	
TRICHLOROETHENE	2 U UG/L		2 U UG/L		2 U UG/L	
VINYL CHLORIDE	1 U UG/L		1 U UG/L		1 U UG/L	
XYLENES, TOTAL	6 U UG/L		6 U UG/L		6 U UG/L	

SAMPLE NUMBER	OU2MW19B00	OU2MW19B00-F	OU2MW20A00	OU2MW20A00-F	OU2MW20B00	OU2MW20B00-F
LAB ID NUMBER	F2646-5	F2646-5A	F2646-13	F2646-13A	F2646-12	F2646-12A
DATE SAMPLED	7/16/98	7/16/98	7/18/98	7/18/98	7/18/98	7/18/98
PARAMETER	RESULTS	RESULTS	RESULTS	RESULTS	RESULTS	RESULTS
SEMIVOLATILES						
1,2,4-TRICHLOROBENZENE	10 U UG/L		10 U UG/L		10 U UG/L	
1,2-DICHLOROBENZENE	10 U UG/L		10 U UG/L		10 U UG/L	
1,3-DICHLOROBENZENE	10 U UG/L		10 U UG/L		10 U UG/L	
1,4-DICHLOROBENZENE	10 U UG/L		10 U UG/L		10 U UG/L	
2,4,5-TRICHLOROPHENOL	4 U UG/L		4 U UG/L		4 U UG/L	
2,4,6-TRICHLOROPHENOL	4 U UG/L		4 U UG/L		4 U UG/L	
2,4-DICHLOROPHENOL	4 U UG/L		4 U UG/L		4 U UG/L	
2,4-DIMETHYLPHENOL	10 U UG/L		10 U UG/L		10 U UG/L	
2,4-DINITROPHENOL	25 U UG/L		25 U UG/L		25 U UG/L	
2,4-DINITROTOLUENE	0.2 U UG/L		0.2 U UG/L		0.2 U UG/L	
2,6-DINITROTOLUENE	0.2 U UG/L		0.2 U UG/L		0.4 U UG/L	
2-CHLORONAPHTHALENE	10 U UG/L		10 U UG/L		10 U UG/L	
2-CHLOROPHENOL	10 U UG/L		10 U UG/L		10 U UG/L	
2-METHYLNAPHTHALENE	10 U UG/L		10 U UG/L		10 U UG/L	
2-METHYLPHENOL	10 U UG/L		10 U UG/L		10 U UG/L	
2-NITROANILINE	7.5 U UG/L		7.5 U UG/L		7.5 U UG/L	
2-NITROPHENOL	10 U UG/L		10 U UG/L		10 U UG/L	
3&4-METHYLPHENOL	10 U UG/L		10 U UG/L		10 U UG/L	
3,3'-DICHLOROBENZIDINE	7.5 U UG/L		7.5 U UG/L		7.5 U UG/L	
3-NITROANILINE	7.5 U UG/L		7.5 U UG/L		7.5 U UG/L	
4,6-DINITRO-2-METHYLPHENOL	10 U UG/L		10 U UG/L		10 U UG/L	
4-BROMOPHENYL PHENYL ETHER	10 U UG/L		10 U UG/L		10 U UG/L	
4-CHLORO-3-METHYLPHENOL	10 U UG/L		10 U UG/L		10 U UG/L	
4-CHLOROANILINE	10 U UG/L		10 U UG/L		10 U UG/L	
4-CHLOROPHENYL PHENYL ETHER	10 U UG/L		10 U UG/L		10 U UG/L	
4-NITROANILINE	7.5 U UG/L		7.5 U UG/L		7.5 U UG/L	
4-NITROPHENOL	15 U UG/L		15 U UG/L		15 U UG/L	
ACENAPHTHENE	10 U UG/L		10 U UG/L		10 U UG/L	
ACENAPHTHYLENE	10 U UG/L		10 U UG/L		10 U UG/L	
ANTHRACENE	10 U UG/L		10 U UG/L		10 U UG/L	
BENZO(A)ANTHRACENE	0.2 U UG/L		0.2 U UG/L		0.2 U UG/L	
BENZO(A)PYRENE	0.2 U UG/L		0.2 U UG/L		0.2 U UG/L	
BENZO(B)FLUORANTHENE	0.2 U UG/L		0.2 U UG/L		0.2 U UG/L	
BENZO(G,H,I)PERYLENE	10 U UG/L		10 U UG/L		10 U UG/L	
BENZO(K)FLUORANTHENE	0.2 U UG/L		0.2 U UG/L		0.2 U UG/L	

SAMPLE NUMBER	OU2MW19B00	OU2MW19B00-F	OU2MW20A00	OU2MW20A00-F	OU2MW20B00	OU2MW20B00-F
LAB ID NUMBER	F2646-5	F2646-5A	F2646-13	F2646-13A	F2646-12	F2646-12A
DATE SAMPLED	7/16/98	7/16/98	7/18/98	7/18/98	7/18/98	7/18/98
PARAMETER	RESULTS	RESULTS	RESULTS	RESULTS	RESULTS	RESULTS
BIS(2-CHLOROETHOXY)METHANE	10 U UG/L		10 U UG/L		10 U UG/L	
BIS(2-CHLOROETHYL)ETHER	1.5 U UG/L		1.5 U UG/L		1.5 U UG/L	
BIS(2-CHLOROISOPROPYL) ETHER	7.5 U UG/L		7.5 U UG/L		7.5 U UG/L	
BIS(2-ETHYLHEXYL)PHTHALATE	6 U UG/L		6 U UG/L		6 U UG/L	
BUTYLBENZYL PHTHALATE	10 U UG/L		10 U UG/L		10 U UG/L	
CARBAZOLE	7.5 U UG/L		7.5 U UG/L		7.5 U UG/L	
CHRYSENE	5 U UG/L		5 U UG/L		5 U UG/L	
DI-N-BUTYL PHTHALATE	10 U UG/L		10 U UG/L		10 U UG/L	
DI-N-OCTYL PHTHALATE	10 U UG/L		10 U UG/L		10 U UG/L	
DIBENZO(A,H)ANTHRACENE	0.2 U UG/L		0.2 U UG/L		0.2 U UG/L	
DIBENZOFURAN	10 U UG/L		10 U UG/L		10 U UG/L	
DIETHYL PHTHALATE	10 U UG/L		10 U UG/L		10 U UG/L	
DIMETHYL PHTHALATE	10 U UG/L		10 U UG/L		14.9 UG/L	
FLUORANTHENE	10 U UG/L		10 U UG/L		10 U UG/L	
FLUORENE	10 U UG/L		10 U UG/L		10 U UG/L	
HEXACHLOROBENZENE	1 U UG/L		1 U UG/L		1 U UG/L	
HEXACHLOROBUTADIENE	10 U UG/L		10 U UG/L		10 U UG/L	
HEXACHLOROCYCLOPENTADIENE	10 U UG/L		10 U UG/L		10 U UG/L	
HEXACHLOROETHANE	10 U UG/L		10 U UG/L		10 U UG/L	
INDENO(1,2,3-CD)PYRENE	0.2 U UG/L		0.2 U UG/L		0.2 U UG/L	
ISOPHORONE	10 U UG/L		10 U UG/L		10 U UG/L	
N-NITROSO-DI-N-PROPYLAMINE	1 U UG/L		1 U UG/L		1 U UG/L	
N-NITROSODIPHENYLAMINE	7.5 U UG/L		7.5 U UG/L		7.5 U UG/L	
NAPHTHALENE	5 U UG/L		5 U UG/L		5 U UG/L	
NITROBENZENE	10 U UG/L		10 U UG/L		10 U UG/L	
PHENANTHRENE	10 U UG/L		10 U UG/L		10 U UG/L	
PHENOL	10 U UG/L		10 U UG/L		10 U UG/L	
PYRENE	10 U UG/L		10 U UG/L		10 U UG/L	
HERBICIDES						
2,4,5-T	0.047 U UG/L		0.047 U UG/L		0.047 U UG/L	
2,4,5-TP (SILVEX)	0.089 U UG/L		0.089 U UG/L		0.089 U UG/L	
2,4-D	0.19 U UG/L		0.19 U UG/L		0.19 U UG/L	
2,4-DB	0.2 U UG/L		0.2 U UG/L		0.2 U UG/L	
DALAPON	0.4 U UG/L		0.4 U UG/L		0.4 U UG/L	
DICAMBA	0.2 U UG/L		0.2 U UG/L		0.2 U UG/L	
DICHLOROPROP	1 U UG/L		1 U UG/L		1 U UG/L	

SAMPLE NUMBER	OU2MW19B00	OU2MW19B00-F	OU2MW20A00	OU2MW20A00-F	OU2MW20B00	OU2MW20B00-F
LAB ID NUMBER	F2646-5	F2646-5A	F2646-13	F2646-13A	F2646-12	F2646-12A
DATE SAMPLED	7/16/98	7/16/98	7/18/98	7/18/98	7/18/98	7/18/98
PARAMETER	RESULTS	RESULTS	RESULTS	RESULTS	RESULTS	RESULTS
DINOSEB	0.2 U UG/L		0.2 U UG/L		0.2 U UG/L	
MCPA	100 U UG/L		100 U UG/L		100 U UG/L	
MCPP	50 U UG/L		50 UJ UG/L		50 UJ UG/L	
PENTACHLOROPHENOL	0.1 U UG/L		0.1 U UG/L		0.1 U UG/L	
PESTICIDES/PCBS						
4,4'-DDD	0.10 UJ UG/L		0.10 U UG/L		0.10 UJ UG/L	
4,4'-DDE	0.10 UJ UG/L		0.10 U UG/L		0.10 UJ UG/L	
4,4'-DDT	0.10 UJ UG/L		0.10 U UG/L		0.10 UJ UG/L	
ALDRIN	0.050 UJ UG/L		0.050 U UG/L		0.050 UJ UG/L	
ALPHA-BHC	0.050 UJ UG/L		0.050 U UG/L		0.050 UJ UG/L	
ALPHA-CHLORDANE	0.10 UJ UG/L		0.10 U UG/L		0.10 UJ UG/L	
AROCLOR-1016						
AROCLOR-1221						
AROCLOR-1232						
AROCLOR-1242						
AROCLOR-1248						
AROCLOR-1254						
AROCLOR-1260						
BETA-BHC	0.10 UJ UG/L		0.10 U UG/L		0.10 UJ UG/L	
DELTA-BHC	0.050 UJ UG/L		0.050 U UG/L		0.050 UJ UG/L	
DIELDRIN	0.10 UJ UG/L		0.10 U UG/L		0.10 UJ UG/L	
ENDOSULFAN I	0.050 UJ UG/L		0.050 U UG/L		0.050 UJ UG/L	
ENDOSULFAN II	0.10 UJ UG/L		0.10 U UG/L		0.10 UJ UG/L	
ENDOSULFAN SULFATE	0.10 UJ UG/L		0.10 U UG/L		0.10 UJ UG/L	
ENDRIN	0.10 UJ UG/L		0.10 U UG/L		0.10 UJ UG/L	
ENDRIN ALDEHYDE	0.10 UJ UG/L		0.10 U UG/L		0.10 UJ UG/L	
ENDRIN KETONE	0.10 UJ UG/L		0.10 U UG/L		0.10 UJ UG/L	
GAMMA-BHC (LINDANE)	0.050 UJ UG/L		0.050 U UG/L		0.050 UJ UG/L	
GAMMA-CHLORDANE	0.10 UJ UG/L		0.10 U UG/L		0.10 UJ UG/L	
HEPTACHLOR	0.050 UJ UG/L		0.050 U UG/L		0.10 UJ UG/L	
HEPTACHLOR EPOXIDE	0.050 UJ UG/L		0.050 U UG/L		0.050 UJ UG/L	
METHOXYCHLOR	0.50 UJ UG/L		0.50 U UG/L		0.50 UJ UG/L	
TOXAPHENE	2.5 UJ UG/L		2.5 U UG/L		2.5 UJ UG/L	
PETROLEUM HYDROCARBONS						
TPH (C8-C40)	0.5 U MG/L		0.5 U MG/L		0.5 U MG/L	
MISC						

SAMPLE NUMBER	OU2MW19B00	OU2MW19B00-F	OU2MW20A00	OU2MW20A00-F	OU2MW20B00	OU2MW20B00-F
LAB ID NUMBER	F2646-5	F2646-5A	F2646-13	F2646-13A	F2646-12	F2646-12A
DATE SAMPLED	7/16/98	7/16/98	7/18/98	7/18/98	7/18/98	7/18/98
PARAMETER	RESULTS	RESULTS	RESULTS	RESULTS	RESULTS	RESULTS
ALKALINITY	18.9 MG/L		9.0 MG/L		61.7 MG/L	
BOD-5DAY (TOTAL)	34.5 MG/L		15.0 MG/L		36.0 MG/L	
CHEMICAL OXYGEN DEMAND	29.8 MG/L		20.0 U MG/L		59.5 MG/L	
CHLORIDE	45.0 MG/L		14.0 MG/L		21.0 MG/L	
CYANIDE	0.0050 U MG/L		0.0050 U MG/L		0.0050 U MG/L	
HARDNESS as CaCO3	70.4 MG/L		19.9 MG/L		99.4 MG/L	
NITRATE, AS NITROGEN	0.21 U MG/L		0.22 MG/L		0.21 U MG/L	
NITRATE/NITRITE, AS N	0.20 U MG/L		0.22 MG/L		0.20 U MG/L	
NITRITE, AS NITROGEN	0.010 U MG/L		0.010 U MG/L		0.010 U MG/L	
ORTHOPHOSPHATE	0.63 MG/L		0.12 MG/L		0.13 MG/L	
PH	5.6		5.6		6.1	
PLATE COUNT, TOTAL	9600 CFU/M		32500 CFU/M		48200 CFU/M	
REDOX POTENTIAL VS H2	318 MV		462 MV		369 MV	
SULFATE	10.0 U MG/L		10.0 U MG/L		43.7 MG/L	
TOTAL DISSOLVED SOLIDS	252 MG/L		80.0 MG/L		210 MG/L	
TOTAL ORGANIC CARBON	15.1 MG/L		4.7 MG/L		40.8 MG/L	
TOTAL SUSPENDED SOLIDS	553 MG/L		840 MG/L		10000 MG/L	
TURBIDITY						
METALS (UNFILTERED)						
ALUMINUM	26900 J UG/L		16400 J UG/L		877 U UG/L	
ANTIMONY	3.2 UR UG/L		3.2 UR UG/L		3.2 UR UG/L	
ARSENIC	2.4 U UG/L		2.4 U UG/L		2.4 U UG/L	
BARIUM	617 J UG/L		279 J UG/L		0.60 UJ UG/L	
BERYLLIUM	0.60 U UG/L		0.60 U UG/L		0.60 U UG/L	
CADMIUM	0.50 UJ UG/L		0.50 UJ UG/L		0.50 UJ UG/L	
CALCIUM	28200 J UG/L		7950 J UG/L		39800 J UG/L	
CHROMIUM	52.2 J UG/L		19.5 U UG/L		1.4 UJ UG/L	
COBALT	1.4 UJ UG/L		1.4 UJ UG/L		1.4 UJ UG/L	
COPPER	57.1 J UG/L		1.4 U UG/L		1.4 U UG/L	
IRON	6770 J UG/L		1740 J UG/L		3170 J UG/L	
LEAD	37.8 J UG/L		24.5 J UG/L		3.2 U UG/L	
MAGNESIUM	24.0 UJ UG/L		24.0 UJ UG/L		24.0 UJ UG/L	
MANGANESE	34.8 J UG/L		19.2 J UG/L		60.6 J UG/L	
MERCURY	0.20 U UG/L		0.20 U UG/L		0.20 U UG/L	
NICKEL	1.5 UJ UG/L		1.5 UJ UG/L		1.5 UJ UG/L	
POTASSIUM	5000 UJ UG/L		5000 UJ UG/L		5000 UJ UG/L	

SAMPLE NUMBER	OU2MW19B00	OU2MW19B00-F	OU2MW20A00	OU2MW20A00-F	OU2MW20B00	OU2MW20B00-F
LAB ID NUMBER	F2646-5	F2646-5A	F2646-13	F2646-13A	F2646-12	F2646-12A
DATE SAMPLED	7/16/98	7/16/98	7/18/98	7/18/98	7/18/98	7/18/98
PARAMETER	RESULTS	RESULTS	RESULTS	RESULTS	RESULTS	RESULTS
SELENIUM	13.1 U UG/L		6.8 U UG/L		2.9 U UG/L	
SILVER	1.2 UJ UG/L		1.2 UJ UG/L		1.2 UJ UG/L	
SODIUM	22600 J UG/L		12800 J UG/L		16300 J UG/L	
THALLIUM	2.6 U UG/L		2.6 U UG/L		2.6 U UG/L	
VANADIUM	55.3 J UG/L		1.5 UJ UG/L		1.5 UJ UG/L	
ZINC	147 J UG/L		111 J UG/L		73.2 J UG/L	
METALS (DISSOLVED)						
ALUMINUM		2940 J UG/L		1180 U UG/L		925 U UG/L
ANTIMONY		3.8 UR UG/L		3.8 UR UG/L		3.8 UR UG/L
ARSENIC		3.1 U UG/L		3.1 U UG/L		3.1 U UG/L
BARIUM		0.47 UJ UG/L		0.47 UJ UG/L		0.47 UJ UG/L
BERYLLIUM		0.20 U UG/L		0.20 U UG/L		0.20 U UG/L
CADMIUM		0.50 UJ UG/L		0.50 UJ UG/L		0.50 UJ UG/L
CALCIUM		17400 J UG/L		6.6 UJ UG/L		44900 J UG/L
CHROMIUM		0.96 UJ UG/L		0.96 UJ UG/L		0.96 UJ UG/L
COBALT		0.71 UJ UG/L		0.71 UJ UG/L		0.71 UJ UG/L
COPPER		69.6 J UG/L		1.2 U UG/L		1.2 U UG/L
IRON		2870 J UG/L		686 J UG/L		3530 J UG/L
LEAD		8.2 J UG/L		2.1 UJ UG/L		4.8 U UG/L
MAGNESIUM		10.0 UJ UG/L		10.0 UJ UG/L		5640 J UG/L
MANGANESE		38.9 J UG/L		29.6 J UG/L		69.2 J UG/L
MERCURY		0.20 U UG/L		0.20 U UG/L		0.20 U UG/L
NICKEL		1.6 UJ UG/L		1.6 UJ UG/L		1.6 UJ UG/L
POTASSIUM		25.0 UJ UG/L		25.0 UJ UG/L		25.0 UJ UG/L
SELENIUM		2.3 U UG/L		2.3 U UG/L		2.3 U UG/L
SILVER		1.8 UJ UG/L		1.8 UJ UG/L		1.8 UJ UG/L
SODIUM		16900 J UG/L		5630 U UG/L		17000 J UG/L
THALLIUM		3.9 U UG/L		3.9 U UG/L		3.9 U UG/L
VANADIUM		1.1 UJ UG/L		1.1 UJ UG/L		1.1 UJ UG/L
ZINC		43.8 J UG/L		59.6 J UG/L		128 J UG/L
RADIOLOGICAL						
CESIUM-137						
COBALT-60						
GROSS ALPHA	34.7+/-2.1 pCi/L		7.3+/-0.8 pCi/L		28.5+/-4.2 pCi/L	
GROSS BETA	16.7+/-1.3 pCi/L		3.1+/-1.0 pCi/L		18.6+/-3.2 pCi/L	

SAMPLE NUMBER	OU2MW21A00	OU2MW21A00-F	OU2MW21B00	OU2MW21B00-F	OU2MW22A00	OU2MW22A00-F
LAB ID NUMBER	F2646-16	F2646-16A	F2646-14	F2646-14A	F2680-17	F2680-17A
DATE SAMPLED	7/19/98	7/19/98	7/18/98	7/18/98	7/30/98	7/30/98
PARAMETER	RESULTS	RESULTS	RESULTS	RESULTS	RESULTS	RESULTS
VOLATILES						
1,1,1-TRICHLOROETHANE	2 U UG/L		2 U UG/L		2 U UG/L	
1,1,2,2-TETRACHLOROETHANE	1 U UG/L		1 U UG/L		1 U UG/L	
1,1,2-TRICHLOROETHANE	2 U UG/L		2 U UG/L		2 U UG/L	
1,1-DICHLOROETHANE	2 U UG/L		2 U UG/L		2 U UG/L	
1,1-DICHLOROETHENE	2 U UG/L		2 U UG/L		2 U UG/L	
1,2-DICHLOROETHANE	2 U UG/L		2 U UG/L		2 U UG/L	
1,2-DICHLOROPROPANE	2 U UG/L		2 U UG/L		2 U UG/L	
2-BUTANONE	10 UR UG/L		10 UR UG/L		10 UR UG/L	
2-HEXANONE	10 U UG/L		10 U UG/L		10 U UG/L	
4-METHYL-2-PENTANONE	10 U UG/L		10 U UG/L		10 U UG/L	
ACETONE	50 UR UG/L		50 UR UG/L		50 UR UG/L	
BENZENE	1 U UG/L		1 U UG/L		1 U UG/L	
BROMODICHLOROMETHANE	1 U UG/L		1 U UG/L		1 U UG/L	
BROMOFORM	2 U UG/L		2 U UG/L		2 U UG/L	
BROMOMETHANE	5 U UG/L		5 U UG/L		5 U UG/L	
CARBON DISULFIDE	10 U UG/L		10 U UG/L		10 U UG/L	
CARBON TETRACHLORIDE	2 U UG/L		2 U UG/L		2 U UG/L	
CHLOROBENZENE	2 U UG/L		2 U UG/L		2 U UG/L	
CHLOROETHANE	2 U UG/L		2 U UG/L		2 U UG/L	
CHLOROFORM	2 U UG/L		2 U UG/L		2 U UG/L	
CHLOROMETHANE	2 U UG/L		2 U UG/L		2 U UG/L	
CIS-1,2-DICHLOROETHENE	2 U UG/L		2 U UG/L		2 U UG/L	
CIS-1,3-DICHLOROPROPENE	2 U UG/L		2 U UG/L		2 U UG/L	
DIBROMOCHLOROMETHANE	1 U UG/L		1 U UG/L		1 U UG/L	
ETHYLBENZENE	2 U UG/L		2 U UG/L		2 U UG/L	
METHANE	50 U UG/L		1300 UG/L		766 UG/L	
METHYLENE CHLORIDE	5 U UG/L		5 U UG/L		5 U UG/L	
STYRENE	2 U UG/L		2 U UG/L		2 U UG/L	
TETRACHLOROETHENE	2 U UG/L		2 U UG/L		2 U UG/L	
TOLUENE	2 U UG/L		2 U UG/L		2 U UG/L	
TRANS-1,2-DICHLOROETHENE	2 U UG/L		2 U UG/L		2 U UG/L	
TRANS-1,3-DICHLOROPROPENE	1 U UG/L		1 U UG/L		1 U UG/L	
TRICHLOROETHENE	2 U UG/L		2 U UG/L		2 U UG/L	
VINYL CHLORIDE	1 U UG/L		1 U UG/L		1 U UG/L	
XYLENES, TOTAL	6 U UG/L		6 U UG/L		6 U UG/L	

SAMPLE NUMBER	OU2MW21A00	OU2MW21A00-F	OU2MW21B00	OU2MW21B00-F	OU2MW22A00	OU2MW22A00-F
LAB ID NUMBER	F2646-16	F2646-16A	F2646-14	F2646-14A	F2680-17	F2680-17A
DATE SAMPLED	7/19/98	7/19/98	7/18/98	7/18/98	7/30/98	7/30/98
PARAMETER	RESULTS	RESULTS	RESULTS	RESULTS	RESULTS	RESULTS
SEMIVOLATILES						
1,2,4-TRICHLOROBENZENE	10 U UG/L		10 U UG/L		10 U UG/L	
1,2-DICHLOROBENZENE	10 U UG/L		10 U UG/L		10 U UG/L	
1,3-DICHLOROBENZENE	10 U UG/L		10 U UG/L		10 U UG/L	
1,4-DICHLOROBENZENE	10 U UG/L		10 U UG/L		10 U UG/L	
2,4,5-TRICHLOROPHENOL	4 U UG/L		4 U UG/L		4 U UG/L	
2,4,6-TRICHLOROPHENOL	4 U UG/L		4 U UG/L		4 U UG/L	
2,4-DICHLOROPHENOL	4 U UG/L		4 U UG/L		4 U UG/L	
2,4-DIMETHYLPHENOL	10 U UG/L		10 U UG/L		10 U UG/L	
2,4-DINITROPHENOL	25 U UG/L		25 U UG/L		25 U UG/L	
2,4-DINITROTOLUENE	0.2 U UG/L		0.2 U UG/L		0.2 U UG/L	
2,6-DINITROTOLUENE	0.2 U UG/L		0.2 U UG/L		0.2 U UG/L	
2-CHLORONAPHTHALENE	10 U UG/L		10 U UG/L		10 U UG/L	
2-CHLOROPHENOL	10 U UG/L		10 U UG/L		10 U UG/L	
2-METHYLNAPHTHALENE	10 U UG/L		10 U UG/L		10 U UG/L	
2-METHYLPHENOL	10 U UG/L		10 U UG/L		10 U UG/L	
2-NITROANILINE	7.5 U UG/L		7.5 U UG/L		7.5 U UG/L	
2-NITROPHENOL	10 U UG/L		10 U UG/L		10 U UG/L	
3&4-METHYLPHENOL	10 U UG/L		15.3 UG/L		10 U UG/L	
3,3'-DICHLOROBENZIDINE	7.5 U UG/L		7.5 U UG/L		7.5 U UG/L	
3-NITROANILINE	7.5 U UG/L		7.5 U UG/L		7.5 U UG/L	
4,6-DINITRO-2-METHYLPHENOL	10 U UG/L		10 U UG/L		10 U UG/L	
4-BROMOPHENYL PHENYL ETHER	10 U UG/L		10 U UG/L		10 U UG/L	
4-CHLORO-3-METHYLPHENOL	10 U UG/L		10 U UG/L		10 U UG/L	
4-CHLOROANILINE	10 U UG/L		10 U UG/L		10 U UG/L	
4-CHLOROPHENYL PHENYL ETHER	10 U UG/L		10 U UG/L		10 U UG/L	
4-NITROANILINE	7.5 U UG/L		7.5 U UG/L		7.5 U UG/L	
4-NITROPHENOL	15 U UG/L		15 U UG/L		15 U UG/L	
ACENAPHTHENE	10 U UG/L		10 U UG/L		10 U UG/L	
ACENAPHTHYLENE	10 U UG/L		10 U UG/L		10 U UG/L	
ANTHRACENE	10 U UG/L		10 U UG/L		10 U UG/L	
BENZO(A)ANTHRACENE	0.2 U UG/L		0.2 U UG/L		0.2 U UG/L	
BENZO(A)PYRENE	0.2 U UG/L		0.2 U UG/L		0.2 U UG/L	
BENZO(B)FLUORANTHENE	0.2 U UG/L		0.2 U UG/L		0.2 U UG/L	
BENZO(G,H,I)PERYLENE	10 U UG/L		10 U UG/L		10 U UG/L	
BENZO(K)FLUORANTHENE	0.2 U UG/L		0.2 U UG/L		0.2 U UG/L	

SAMPLE NUMBER	OU2MW21A00	OU2MW21A00-F	OU2MW21B00	OU2MW21B00-F	OU2MW22A00	OU2MW22A00-F
LAB ID NUMBER	F2646-16	F2646-16A	F2646-14	F2646-14A	F2680-17	F2680-17A
DATE SAMPLED	7/19/98	7/19/98	7/18/98	7/18/98	7/30/98	7/30/98
PARAMETER	RESULTS	RESULTS	RESULTS	RESULTS	RESULTS	RESULTS
BIS(2-CHLOROETHOXY)METHANE	10 U UG/L		10 U UG/L		10 U UG/L	
BIS(2-CHLOROETHYL)ETHER	1.5 U UG/L		1.5 U UG/L		1.5 U UG/L	
BIS(2-CHLOROISOPROPYL) ETHER	7.5 U UG/L		7.5 U UG/L		7.5 U UG/L	
BIS(2-ETHYLHEXYL)PHTHALATE	6 U UG/L		6 U UG/L		6 U UG/L	
BUTYLBENZYL PHTHALATE	10 U UG/L		10 U UG/L		10 U UG/L	
CARBAZOLE	7.5 U UG/L		7.5 U UG/L		7.5 U UG/L	
CHRYSENE	5 U UG/L		5 U UG/L		5 U UG/L	
DI-N-BUTYL PHTHALATE	10 U UG/L		10 U UG/L		10 U UG/L	
DI-N-OCTYL PHTHALATE	10 U UG/L		10 U UG/L		10 U UG/L	
DIBENZO(A,H)ANTHRACENE	0.2 U UG/L		0.2 U UG/L		0.2 U UG/L	
DIBENZOFURAN	10 U UG/L		10 U UG/L		10 U UG/L	
DIETHYL PHTHALATE	10 U UG/L		10 U UG/L		10 U UG/L	
DIMETHYL PHTHALATE	10 U UG/L		10 U UG/L		10 U UG/L	
FLUORANTHENE	10 U UG/L		10 U UG/L		10 U UG/L	
FLUORENE	10 U UG/L		10 U UG/L		10 U UG/L	
HEXACHLOROBENZENE	1 U UG/L		1 U UG/L		1 U UG/L	
HEXACHLOROBUTADIENE	10 U UG/L		10 U UG/L		10 U UG/L	
HEXACHLOROCYCLOPENTADIENE	10 U UG/L		10 U UG/L		10 U UG/L	
HEXACHLOROETHANE	10 U UG/L		10 U UG/L		10 U UG/L	
INDENO(1,2,3-CD)PYRENE	0.2 U UG/L		0.2 U UG/L		0.2 U UG/L	
ISOPHORONE	10 U UG/L		10 U UG/L		10 U UG/L	
N-NITROSO-DI-N-PROPYLAMINE	1 U UG/L		1 U UG/L		1 U UG/L	
N-NITROSODIPHENYLAMINE	7.5 U UG/L		7.5 U UG/L		7.5 U UG/L	
NAPHTHALENE	5 U UG/L		5 U UG/L		5 U UG/L	
NITROBENZENE	10 U UG/L		10 U UG/L		10 U UG/L	
PHENANTHRENE	10 U UG/L		10 U UG/L		10 U UG/L	
PHENOL	10 U UG/L		3.4 J UG/L		10 U UG/L	
PYRENE	10 U UG/L		10 U UG/L		10 U UG/L	
HERBICIDES						
2,4,5-T	0.047 U UG/L		0.047 U UG/L		0.047 U UG/L	
2,4,5-TP (SILVEX)	0.089 U UG/L		0.089 U UG/L		0.089 U UG/L	
2,4-D	0.19 U UG/L		0.19 U UG/L		0.19 U UG/L	
2,4-DB	0.2 U UG/L		0.2 U UG/L		0.2 U UG/L	
DALAPON	0.4 U UG/L		0.4 U UG/L		0.4 U UG/L	
DICAMBA	0.2 U UG/L		0.2 U UG/L		0.2 U UG/L	
DICHLOROPROP	1 U UG/L		1 U UG/L		1 U UG/L	

SAMPLE NUMBER	OU2MW21A00	OU2MW21A00-F	OU2MW21B00	OU2MW21B00-F	OU2MW22A00	OU2MW22A00-F
LAB ID NUMBER	F2646-16	F2646-16A	F2646-14	F2646-14A	F2680-17	F2680-17A
DATE SAMPLED	7/19/98	7/19/98	7/18/98	7/18/98	7/30/98	7/30/98
PARAMETER	RESULTS	RESULTS	RESULTS	RESULTS	RESULTS	RESULTS
DINOSEB	0.2 U UG/L		0.2 U UG/L		0.2 U UG/L	
MCPA	100 U UG/L		100 U UG/L		100 U UG/L	
MCPP	50 UJ UG/L		50 UJ UG/L		50 U UG/L	
PENTACHLOROPHENOL	0.1 U UG/L		0.1 U UG/L		0.1 U UG/L	
PESTICIDES/PCBS						
4,4'-DDD	0.10 U UG/L		0.10 UJ UG/L		0.10 UJ UG/L	
4,4'-DDE	0.10 U UG/L		0.10 UJ UG/L		0.10 UJ UG/L	
4,4'-DDT	0.10 U UG/L		0.10 UJ UG/L		0.10 UJ UG/L	
ALDRIN	0.050 U UG/L		0.050 UJ UG/L		0.050 UJ UG/L	
ALPHA-BHC	0.050 U UG/L		0.050 UJ UG/L		0.050 UJ UG/L	
ALPHA-CHLORDANE	0.10 U UG/L		0.10 UJ UG/L		0.10 UJ UG/L	
AROCLOR-1016						
AROCLOR-1221						
AROCLOR-1232						
AROCLOR-1242						
AROCLOR-1248						
AROCLOR-1254						
AROCLOR-1260						
BETA-BHC	0.10 U UG/L		0.10 UJ UG/L		0.10 UJ UG/L	
DELTA-BHC	0.050 U UG/L		0.050 UJ UG/L		0.050 UJ UG/L	
DIELDRIN	0.10 U UG/L		0.10 UJ UG/L		0.10 UJ UG/L	
ENDOSULFAN I	0.050 U UG/L		0.050 UJ UG/L		0.050 UJ UG/L	
ENDOSULFAN II	0.10 U UG/L		0.10 UJ UG/L		0.10 UJ UG/L	
ENDOSULFAN SULFATE	0.10 U UG/L		0.10 UJ UG/L		0.10 UJ UG/L	
ENDRIN	0.10 U UG/L		0.10 UJ UG/L		0.10 UJ UG/L	
ENDRIN ALDEHYDE	0.10 U UG/L		0.10 UJ UG/L		0.10 UJ UG/L	
ENDRIN KETONE	0.10 U UG/L		0.10 UJ UG/L		0.10 UJ UG/L	
GAMMA-BHC (LINDANE)	0.050 U UG/L		0.050 UJ UG/L		0.050 UJ UG/L	
GAMMA-CHLORDANE	0.10 U UG/L		0.10 UJ UG/L		0.10 UJ UG/L	
HEPTACHLOR	0.050 U UG/L		0.050 UJ UG/L		0.050 UJ UG/L	
HEPTACHLOR EPOXIDE	0.050 U UG/L		0.050 UJ UG/L		0.050 UJ UG/L	
METHOXYCHLOR	0.50 U UG/L		0.50 UJ UG/L		0.50 UJ UG/L	
TOXAPHENE	2.5 U UG/L		2.5 UJ UG/L		2.5 UJ UG/L	
PETROLEUM HYDROCARBONS						
TPH (C8-C40)	0.5 U MG/L		0.5 U MG/L		0.5 U MG/L	
MISC						

SAMPLE NUMBER	OU2MW21A00	OU2MW21A00-F	OU2MW21B00	OU2MW21B00-F	OU2MW22A00	OU2MW22A00-F
LAB ID NUMBER	F2646-16	F2646-16A	F2646-14	F2646-14A	F2680-17	F2680-17A
DATE SAMPLED	7/19/98	7/19/98	7/18/98	7/18/98	7/30/98	7/30/98
PARAMETER	RESULTS	RESULTS	RESULTS	RESULTS	RESULTS	RESULTS
ALKALINITY	5.0 U MG/L		60.7 MG/L		7.0 MG/L	
BOD-5DAY (TOTAL)	23.0 U MG/L		18.8 MG/L		35.0 MG/L	
CHEMICAL OXYGEN DEMAND	20.0 U MG/L		84.3 MG/L		20.0 U MG/L	
CHLORIDE	7.0 MG/L		34.0 MG/L		2.0 UJ MG/L	
CYANIDE	0.0050 U MG/L		0.0050 U MG/L		0.0050 U MG/L	
HARDNESS as CaCO3	17.3 MG/L		39.2 MG/L		88.8 MG/L	
NITRATE, AS NITROGEN	0.21 U MG/L		0.21 U MG/L		0.17 MG/L	
NITRATE/NITRITE, AS N	0.20 U MG/L		0.20 U MG/L		0.17 J MG/L	
NITRITE, AS NITROGEN	0.010 U MG/L		0.010 U MG/L		0.010 U MG/L	
ORTHOPHOSPHATE	0.10 U MG/L		0.46 MG/L		0.22 MG/L	
PH	5.1		6.4		4.9	
PLATE COUNT, TOTAL	1170 CFU/M		12000 CFU/M		116000 CFU/M	
REDOX POTENTIAL VS H2	389 MV		357 MV		413 MV	
SULFATE	10.7 MG/L		12.1 MG/L		373 U MG/L	
TOTAL DISSOLVED SOLIDS	630 MG/L		3880 MG/L		4830 MG/L	
TOTAL ORGANIC CARBON	2.0 MG/L		16.3 MG/L		298 MG/L	
TOTAL SUSPENDED SOLIDS	88.0 MG/L		1880 MG/L		3570 MG/L	
TURBIDITY						
METALS (UNFILTERED)						
ALUMINUM	2670 J UG/L		896 U UG/L		2890 J UG/L	
ANTIMONY	3.8 UR UG/L		3.2 UR UG/L		3.8 UR UG/L	
ARSENIC	3.1 U UG/L		2.4 U UG/L		3.1 UJ UG/L	
BARIUM	248 J UG/L		0.60 UJ UG/L		542 J UG/L	
BERYLLIUM	0.20 U UG/L		0.60 U UG/L		0.20 UJ UG/L	
CADMIUM	4.0 U UG/L		0.50 UJ UG/L		0.50 UJ UG/L	
CALCIUM	6940 J UG/L		15700 J UG/L		23300 J UG/L	
CHROMIUM	0.96 UJ UG/L		1.4 UJ UG/L		26.5 U UG/L	
COBALT	0.71 UJ UG/L		1.4 UJ UG/L		0.71 UJ UG/L	
COPPER	25.8 J UG/L		1.4 U UG/L		1.2 UJ UG/L	
IRON	523 U UG/L		2680 J UG/L		191 U UG/L	
LEAD	7.7 U UG/L		4.5 U UG/L		10.5 U UG/L	
MAGNESIUM	10.0 UJ UG/L		24.0 UJ UG/L		7440 J UG/L	
MANGANESE	15.5 U UG/L		49.8 J UG/L		0.39 UJ UG/L	
MERCURY	0.20 U UG/L		0.20 U UG/L		0.25 U UG/L	
NICKEL	1.6 UJ UG/L		1.5 UJ UG/L		1.6 UJ UG/L	
POTASSIUM	25.0 UJ UG/L		5650 J UG/L		25.3 UJ UG/L	

SAMPLE NUMBER	OU2MW21A00	OU2MW21A00-F	OU2MW21B00	OU2MW21B00-F	OU2MW22A00	OU2MW22A00-F
LAB ID NUMBER	F2646-16	F2646-16A	F2646-14	F2646-14A	F2680-17	F2680-17A
DATE SAMPLED	7/19/98	7/19/98	7/18/98	7/18/98	7/30/98	7/30/98
PARAMETER	RESULTS	RESULTS	RESULTS	RESULTS	RESULTS	RESULTS
SELENIUM	2.3 U UG/L		2.9 U UG/L		2.3 UJ UG/L	
SILVER	1.8 UJ UG/L		1.2 UJ UG/L		1.8 UJ UG/L	
SODIUM	8980 J UG/L		35200 J UG/L		12400 J UG/L	
THALLIUM	3.9 U UG/L		2.6 U UG/L		6.4 U UG/L	
VANADIUM	1.1 UJ UG/L		1.5 UJ UG/L		1.1 UJ UG/L	
ZINC	263 J UG/L		269 J UG/L		236 U UG/L	
METALS (DISSOLVED)						
ALUMINUM		11.0 UJ UG/L		773 U UG/L		13700 J UG/L
ANTIMONY		3.8 UR UG/L		3.8 UR UG/L		3.8 UJ UG/L
ARSENIC		3.1 U UG/L		3.1 U UG/L		3.1 U UG/L
BARIUM		0.47 UJ UG/L		845 J UG/L		0.47 UJ UG/L
BERYLLIUM		0.20 U UG/L		0.20 U UG/L		0.20 UJ UG/L
CADMIUM		0.50 UJ UG/L		0.50 UJ UG/L		0.50 UJ UG/L
CALCIUM		6.6 UJ UG/L		13500 J UG/L		9210 J UG/L
CHROMIUM		10.5 U UG/L		0.96 UJ UG/L		18.6 U UG/L
COBALT		0.71 UJ UG/L		0.71 UJ UG/L		0.71 UJ UG/L
COPPER		1.2 U UG/L		1.2 U UG/L		1.2 UJ UG/L
IRON		259 U UG/L		2180 J UG/L		3560 U UG/L
LEAD		2.1 UJ UG/L		3.2 U UG/L		47.8 J UG/L
MAGNESIUM		10.0 UJ UG/L		10.0 UJ UG/L		10.0 UJ UG/L
MANGANESE		20.1 J UG/L		40.9 J UG/L		30.6 J UG/L
MERCURY		0.20 U UG/L		0.20 U UG/L		0.25 U UG/L
NICKEL		1.6 UJ UG/L		1.6 UJ UG/L		1.6 UJ UG/L
POTASSIUM		25.0 UJ UG/L		25.0 UJ UG/L		25.3 UJ UG/L
SELENIUM		2.3 U UG/L		2.3 U UG/L		2.3 UJ UG/L
SILVER		1.8 UJ UG/L		1.8 UJ UG/L		1.8 UJ UG/L
SODIUM		330 UJ UG/L		27800 J UG/L		15900 J UG/L
THALLIUM		3.9 U UG/L		3.9 U UG/L		3.9 U UG/L
VANADIUM		1.1 UJ UG/L		1.1 UJ UG/L		1.1 UJ UG/L
ZINC		74.3 J UG/L		104 J UG/L		241 U UG/L
RADIOLOGICAL						
CESIUM-137						
COBALT-60						
GROSS ALPHA	17.3+/-1.2 pCi/L		70.8+/-3.7 pCi/L		~~5.8+/-1.9 pCi/L~~	REJECTED BY LAB AFTER RE-EVALUATION
GROSS BETA	9.7+/-1.0 pCi/L		31.8+/-1.7 pCi/L		100+/-3.9 pCi/L	
					47.5+/-1.7 pCi/L	

SAMPLE NUMBER	OU2MW22B00	OU2MW22B00-F	OU2MW23C00	OU2MW23C00-F	OU2MW24C00	OU2MW24C00-F
LAB ID NUMBER	F2680-16	F2680-16A	F2646-27	F2646-27A	F2680-23	F2680-23A
DATE SAMPLED	7/30/98	7/30/98	8/6/98	8/6/98	7/31/98	7/31/98
PARAMETER	RESULTS	RESULTS	RESULTS	RESULTS	RESULTS	RESULTS
VOLATILES						
1,1,1-TRICHLOROETHANE	2 U UG/L		2 U UG/L		2 U UG/L	
1,1,2,2-TETRACHLOROETHANE	1 U UG/L		1 U UG/L		1 U UG/L	
1,1,2-TRICHLOROETHANE	2 U UG/L		2 U UG/L		2 U UG/L	
1,1-DICHLOROETHANE	2 U UG/L		2 U UG/L		2 U UG/L	
1,1-DICHLOROETHENE	2 U UG/L		2 U UG/L		2 U UG/L	
1,2-DICHLOROETHANE	2 U UG/L		2 U UG/L		2 U UG/L	
1,2-DICHLOROPROPANE	2 U UG/L		2 U UG/L		2 U UG/L	
2-BUTANONE	10 UR UG/L		10 UR UG/L		10 UR UG/L	
2-HEXANONE	10 U UG/L		10 U UG/L		10 U UG/L	
4-METHYL-2-PENTANONE	10 U UG/L		10 U UG/L		10 U UG/L	
ACETONE	50 UR UG/L		50 UR UG/L		50 UR UG/L	
BENZENE	1 U UG/L		1 U UG/L		1 U UG/L	
BROMODICHLOROMETHANE	1 U UG/L		1 U UG/L		1 U UG/L	
BROMOFORM	2 U UG/L		2 U UG/L		2 U UG/L	
BROMOMETHANE	5 UJ UG/L		5 U UG/L		5 U UG/L	
CARBON DISULFIDE	10 U UG/L		33.6 UG/L		10 U UG/L	
CARBON TETRACHLORIDE	2 U UG/L		2 U UG/L		2 U UG/L	
CHLOROBENZENE	2 U UG/L		2 U UG/L		2 U UG/L	
CHLOROETHANE	2 U UG/L		2 U UG/L		2 U UG/L	
CHLOROFORM	2 U UG/L		3.7 UG/L		1.8 J UG/L	
CHLOROMETHANE	2 UJ UG/L		2 U UG/L		2 U UG/L	
CIS-1,2-DICHLOROETHENE	2 U UG/L		2 U UG/L		2 U UG/L	
CIS-1,3-DICHLOROPROPENE	2 U UG/L		2 U UG/L		2 U UG/L	
DIBROMOCHLOROMETHANE	1 U UG/L		1 U UG/L		1 U UG/L	
ETHYLBENZENE	2 U UG/L		2 U UG/L		2 U UG/L	
METHANE	168 UG/L		71.2 UG/L		124 UG/L	
METHYLENE CHLORIDE	5 U UG/L		5 U UG/L		5 U UG/L	
STYRENE	2 U UG/L		2 U UG/L		2 U UG/L	
TETRACHLOROETHENE	2 U UG/L		2 U UG/L		2 U UG/L	
TOLUENE	2 U UG/L		2 U UG/L		2 U UG/L	
TRANS-1,2-DICHLOROETHENE	2 U UG/L		2 U UG/L		2 U UG/L	
TRANS-1,3-DICHLOROPROPENE	1 U UG/L		1 U UG/L		1 U UG/L	
TRICHLOROETHENE	2 U UG/L		2 U UG/L		2 U UG/L	
VINYL CHLORIDE	1 U UG/L		1 U UG/L		1 U UG/L	
XYLENES, TOTAL	6 U UG/L		6 U UG/L		6 U UG/L	

SAMPLE NUMBER	OU2MW22B00	OU2MW22B00-F	OU2MW23C00	OU2MW23C00-F	OU2MW24C00	OU2MW24C00-F
LAB ID NUMBER	F2680-16	F2680-16A	F2646-27	F2646-27A	F2680-23	F2680-23A
DATE SAMPLED	7/30/98	7/30/98	8/6/98	8/6/98	7/31/98	7/31/98
PARAMETER	RESULTS	RESULTS	RESULTS	RESULTS	RESULTS	RESULTS
SEMIVOLATILES						
1,2,4-TRICHLOROBENZENE	10 U UG/L		10 U UG/L		10 U UG/L	
1,2-DICHLOROBENZENE	10 U UG/L		10 U UG/L		10 U UG/L	
1,3-DICHLOROBENZENE	10 U UG/L		10 U UG/L		10 U UG/L	
1,4-DICHLOROBENZENE	10 U UG/L		10 U UG/L		10 U UG/L	
2,4,5-TRICHLOROPHENOL	4 U UG/L		4 U UG/L		4 U UG/L	
2,4,6-TRICHLOROPHENOL	4 U UG/L		4 U UG/L		4 U UG/L	
2,4-DICHLOROPHENOL	4 U UG/L		4 U UG/L		4 U UG/L	
2,4-DIMETHYLPHENOL	10 U UG/L		10 U UG/L		10 U UG/L	
2,4-DINITROPHENOL	25 U UG/L		25 U UG/L		25 U UG/L	
2,4-DINITROTOLUENE	0.2 U UG/L		0.2 U UG/L		0.4 U UG/L	
2,6-DINITROTOLUENE	0.2 U UG/L		0.4 U UG/L		0.8 U UG/L	
2-CHLORONAPHTHALENE	10 U UG/L		10 U UG/L		10 U UG/L	
2-CHLOROPHENOL	10 U UG/L		10 U UG/L		10 U UG/L	
2-METHYLNAPHTHALENE	10 U UG/L		10 U UG/L		10 U UG/L	
2-METHYLPHENOL	10 U UG/L		10 U UG/L		10 U UG/L	
2-NITROANILINE	7.5 U UG/L		7.5 U UG/L		7.5 U UG/L	
2-NITROPHENOL	10 U UG/L		10 U UG/L		10 U UG/L	
3&4-METHYLPHENOL	10 U UG/L		10 U UG/L		10 U UG/L	
3,3'-DICHLOROBENZIDINE	7.5 U UG/L		7.5 U UG/L		7.5 U UG/L	
3-NITROANILINE	7.5 U UG/L		7.5 U UG/L		7.5 U UG/L	
4,6-DINITRO-2-METHYLPHENOL	10 U UG/L		10 U UG/L		10 U UG/L	
4-BROMOPHENYL PHENYL ETHER	10 U UG/L		10 U UG/L		10 U UG/L	
4-CHLORO-3-METHYLPHENOL	10 U UG/L		10 U UG/L		10 U UG/L	
4-CHLOROANILINE	10 U UG/L		10 U UG/L		10 U UG/L	
4-CHLOROPHENYL PHENYL ETHER	10 U UG/L		10 U UG/L		10 U UG/L	
4-NITROANILINE	7.5 U UG/L		7.5 U UG/L		7.5 U UG/L	
4-NITROPHENOL	15 U UG/L		15 U UG/L		15 U UG/L	
ACENAPHTHENE	10 U UG/L		10 U UG/L		10 U UG/L	
ACENAPHTHYLENE	10 U UG/L		10 U UG/L		10 U UG/L	
ANTHRACENE	10 U UG/L		10 U UG/L		10 U UG/L	
BENZO(A)ANTHRACENE	0.2 U UG/L		0.2 U UG/L		0.2 U UG/L	
BENZO(A)PYRENE	0.2 U UG/L		0.2 U UG/L		0.2 U UG/L	
BENZO(B)FLUORANTHENE	0.2 U UG/L		0.2 U UG/L		0.2 U UG/L	
BENZO(G,H,I)PERYLENE	10 U UG/L		10 U UG/L		10 U UG/L	
BENZO(K)FLUORANTHENE	0.2 U UG/L		0.2 U UG/L		0.2 U UG/L	

SAMPLE NUMBER	OU2MW22B00	OU2MW22B00-F	OU2MW23C00	OU2MW23C00-F	OU2MW24C00	OU2MW24C00-F
LAB ID NUMBER	F2680-16	F2680-16A	F2646-27	F2646-27A	F2680-23	F2680-23A
DATE SAMPLED	7/30/98	7/30/98	8/6/98	8/6/98	7/31/98	7/31/98
PARAMETER	RESULTS	RESULTS	RESULTS	RESULTS	RESULTS	RESULTS
BIS(2-CHLOROETHOXY)METHANE	10 U UG/L		10 U UG/L		10 U UG/L	
BIS(2-CHLOROETHYL)ETHER	1.5 U UG/L		1.5 U UG/L		1.5 U UG/L	
BIS(2-CHLOROISOPROPYL) ETHER	7.5 U UG/L		7.5 U UG/L		7.5 U UG/L	
BIS(2-ETHYLHEXYL)PHTHALATE	6 U UG/L		6 U UG/L		14 U UG/L	
BUTYLBENZYL PHTHALATE	10 U UG/L		10 U UG/L		8 J UG/L	
CARBAZOLE	7.5 U UG/L		7.5 U UG/L		7.5 U UG/L	
CHRYSENE	5 U UG/L		5 U UG/L		5 U UG/L	
DI-N-BUTYL PHTHALATE	10 U UG/L		10 U UG/L		10 U UG/L	
DI-N-OCTYL PHTHALATE	10 U UG/L		10 U UG/L		10 U UG/L	
DIBENZO(A,H)ANTHRACENE	0.2 U UG/L		0.2 U UG/L		0.2 U UG/L	
DIBENZOFURAN	10 U UG/L		10 U UG/L		10 U UG/L	
DIETHYL PHTHALATE	10 U UG/L		10 U UG/L		10 U UG/L	
DIMETHYL PHTHALATE	10 U UG/L		10 U UG/L		10 U UG/L	
FLUORANTHENE	10 U UG/L		10 U UG/L		10 U UG/L	
FLUORENE	10 U UG/L		10 U UG/L		10 U UG/L	
HEXACHLOROBENZENE	1 U UG/L		1 U UG/L		1 U UG/L	
HEXACHLOROBUTADIENE	10 U UG/L		10 U UG/L		10 U UG/L	
HEXACHLOROCYCLOPENTADIENE	10 U UG/L		10 U UG/L		10 U UG/L	
HEXACHLOROETHANE	10 U UG/L		10 U UG/L		10 U UG/L	
INDENO(1,2,3-CD)PYRENE	0.2 U UG/L		0.2 U UG/L		0.2 U UG/L	
ISOPHORONE	10 U UG/L		10 U UG/L		10 U UG/L	
N-NITROSO-DI-N-PROPYLAMINE	1 U UG/L		1 U UG/L		1 U UG/L	
N-NITROSODIPHENYLAMINE	7.5 U UG/L		7.5 U UG/L		7.5 U UG/L	
NAPHTHALENE	5 U UG/L		5 U UG/L		5 U UG/L	
NITROBENZENE	10 U UG/L		10 U UG/L		10 U UG/L	
PHENANTHRENE	10 U UG/L		10 U UG/L		10 U UG/L	
PHENOL	10 U UG/L		10 U UG/L		10 U UG/L	
PYRENE	10 U UG/L		10 U UG/L		10 U UG/L	
HERBICIDES						
2,4,5-T	0.047 U UG/L		0.047 U UG/L		0.047 U UG/L	
2,4,5-TP (SILVEX)	0.089 U UG/L		0.089 U UG/L		0.089 U UG/L	
2,4-D	0.19 U UG/L		0.19 U UG/L		0.19 U UG/L	
2,4-DB	0.2 U UG/L		0.2 U UG/L		0.2 U UG/L	
DALAPON	0.4 U UG/L		0.4 U UG/L		0.4 U UG/L	
DICAMBA	0.2 U UG/L		0.2 U UG/L		0.2 U UG/L	
DICHLOROPROP	1 U UG/L		1 U UG/L		1 U UG/L	

SAMPLE NUMBER	OU2MW22B00	OU2MW22B00-F	OU2MW23C00	OU2MW23C00-F	OU2MW24C00	OU2MW24C00-F
LAB ID NUMBER	F2680-16	F2680-16A	F2646-27	F2646-27A	F2680-23	F2680-23A
DATE SAMPLED	7/30/98	7/30/98	8/6/98	8/6/98	7/31/98	7/31/98
PARAMETER	RESULTS	RESULTS	RESULTS	RESULTS	RESULTS	RESULTS
DINOSEB	0.2 U UG/L		0.2 U UG/L		0.2 U UG/L	
MCPA	100 U UG/L		100 U UG/L		100 U UG/L	
MCPP	50 U UG/L		50 U UG/L		50 U UG/L	
PENTACHLOROPHENOL	0.1 U UG/L		0.1 U UG/L		0.1 U UG/L	
PESTICIDES/PCBS						
4,4'-DDD	0.10 U UG/L		0.10 U UG/L		0.10 U UG/L	
4,4'-DDE	0.10 U UG/L		0.10 U UG/L		0.10 U UG/L	
4,4'-DDT	0.10 U UG/L		0.10 U UG/L		0.10 U UG/L	
ALDRIN	0.050 U UG/L		0.050 U UG/L		0.050 U UG/L	
ALPHA-BHC	0.050 U UG/L		0.050 U UG/L		0.050 U UG/L	
ALPHA-CHLORDANE	0.10 U UG/L		0.10 U UG/L		0.10 U UG/L	
AROCLOR-1016						
AROCLOR-1221						
AROCLOR-1232						
AROCLOR-1242						
AROCLOR-1248						
AROCLOR-1254						
AROCLOR-1260						
BETA-BHC	0.10 U UG/L		0.10 U UG/L		0.10 U UG/L	
DELTA-BHC	0.050 U UG/L		0.050 U UG/L		0.050 U UG/L	
DIELDRIN	0.10 U UG/L		0.10 U UG/L		0.10 U UG/L	
ENDOSULFAN I	0.050 U UG/L		0.050 U UG/L		0.050 U UG/L	
ENDOSULFAN II	0.10 U UG/L		0.10 U UG/L		0.10 U UG/L	
ENDOSULFAN SULFATE	0.10 U UG/L		0.10 U UG/L		0.10 U UG/L	
ENDRIN	0.10 U UG/L		0.10 U UG/L		0.10 U UG/L	
ENDRIN ALDEHYDE	0.10 U UG/L		0.10 U UG/L		0.10 U UG/L	
ENDRIN KETONE	0.10 U UG/L		0.10 U UG/L		0.10 U UG/L	
GAMMA-BHC (LINDANE)	0.050 U UG/L		0.050 U UG/L		0.050 U UG/L	
GAMMA-CHLORDANE	0.10 U UG/L		0.10 U UG/L		0.10 U UG/L	
HEPTACHLOR	0.050 U UG/L		0.050 U UG/L		0.050 U UG/L	
HEPTACHLOR EPOXIDE	0.050 U UG/L		0.050 U UG/L		0.050 U UG/L	
METHOXYCHLOR	0.50 U UG/L		0.50 U UG/L		0.50 U UG/L	
TOXAPHENE	2.5 U UG/L		2.5 U UG/L		2.5 U UG/L	
PETROLEUM HYDROCARBONS						
TPH (C8-C40)	0.5 U MG/L		0.5 U MG/L		0.5 U MG/L	
MISC						

SAMPLE NUMBER	OU2MW22B00	OU2MW22B00-F	OU2MW23C00	OU2MW23C00-F	OU2MW24C00	OU2MW24C00-F
LAB ID NUMBER	F2680-16	F2680-16A	F2646-27	F2646-27A	F2680-23	F2680-23A
DATE SAMPLED	7/30/98	7/30/98	8/6/98	8/6/98	7/31/98	7/31/98
PARAMETER	RESULTS	RESULTS	RESULTS	RESULTS	RESULTS	RESULTS
ALKALINITY	41.0 MG/L		28.5 MG/L		103 MG/L	
BOD-5DAY (TOTAL)	5.0 U MG/L		4.0 U MG/L		16.8 MG/L	
CHEMICAL OXYGEN DEMAND	20.0 UJ MG/L		20.0 UJ MG/L		27.0 MG/L	
CHLORIDE	3.5 U MG/L		1.5 MG/L		16.5 U MG/L	
CYANIDE	0.0050 U MG/L		0.010 U MG/L		0.0050 UJ MG/L	
HARDNESS as CaCO3	150 MG/L		1120 MG/L		110 MG/L	
NITRATE, AS NITROGEN	0.11 U MG/L		0.11 U MG/L		0.17 MG/L	
NITRATE/NITRITE, AS N	0.10 J MG/L		0.10 U MG/L		0.17 J MG/L	
NITRITE, AS NITROGEN	0.010 U MG/L		0.018 MG/L		0.010 U MG/L	
ORTHOPHOSPHATE	0.69 MG/L		0.33 MG/L		0.80 MG/L	
PH	5.6		7.5		6.4	
PLATE COUNT, TOTAL	2900 CFU/M		>30000 CFU/M		28100 CFU/M	
REDOX POTENTIAL VS H2	157 MV		231 MV		256 MV	
SULFATE	18.0 U MG/L		100 U MG/L		3010 U MG/L	
TOTAL DISSOLVED SOLIDS	112 MG/L		536 MG/L		197 MG/L	
TOTAL ORGANIC CARBON	25.5 MG/L		5.7 MG/L		23.8 MG/L	
TOTAL SUSPENDED SOLIDS	1590 MG/L		1900 MG/L		63.0 MG/L	
TURBIDITY						
METALS (UNFILTERED)						
ALUMINUM	46100 J UG/L		61200 J UG/L		9970 J UG/L	
ANTIMONY	3.8 UR UG/L		3.8 UR UG/L		3.8 UR UG/L	
ARSENIC	11.3 U UG/L		29.6 U UG/L		5.6 U UG/L	
BARIUM	754 J UG/L		364 J UG/L		0.47 UJ UG/L	
BERYLLIUM	9.4 U UG/L		6.6 U UG/L		0.20 UJ UG/L	
CADMIUM	4.8 U UG/L		0.50 UJ UG/L		0.50 UJ UG/L	
CALCIUM	49800 J UG/L		410000 J UG/L		43900 J UG/L	
CHROMIUM	107 J UG/L		203 J UG/L		32.2 J UG/L	
COBALT	0.71 UJ UG/L		0.71 UJ UG/L		0.71 UJ UG/L	
COPPER	32.0 J UG/L		36.4 J UG/L		1.2 UJ UG/L	
IRON	11900 J UG/L		64000 J UG/L		7930 J UG/L	
LEAD	50.1 J UG/L		71.5 J UG/L		13.3 U UG/L	
MAGNESIUM	6300 J UG/L		23900 J UG/L		10.0 UJ UG/L	
MANGANESE	51.1 J UG/L		734 J UG/L		118 J UG/L	
MERCURY	0.25 U UG/L		0.20 U UG/L		0.25 U UG/L	
NICKEL	1.6 UJ UG/L		61.0 J UG/L		1.6 UJ UG/L	
POTASSIUM	25.3 UJ UG/L		9860 J UG/L		10200 J UG/L	

SAMPLE NUMBER	OU2MW22B00	OU2MW22B00-F	OU2MW23C00	OU2MW23C00-F	OU2MW24C00	OU2MW24C00-F
LAB ID NUMBER	F2680-16	F2680-16A	F2646-27	F2646-27A	F2680-23	F2680-23A
DATE SAMPLED	7/30/98	7/30/98	8/6/98	8/6/98	7/31/98	7/31/98
PARAMETER	RESULTS	RESULTS	RESULTS	RESULTS	RESULTS	RESULTS
SELENIUM	6.3 U UG/L		6.9 U UG/L		2.3 UJ UG/L	
SILVER	1.8 UJ UG/L		1.8 UJ UG/L		1.8 UJ UG/L	
SODIUM	12100 J UG/L		49100 J UG/L		17300 J UG/L	
THALLIUM	3.9 UJ UG/L		3.9 U UG/L		3.9 UJ UG/L	
VANADIUM	133 J UG/L		127 J UG/L		1.1 UJ UG/L	
ZINC	226 U UG/L		334 J UG/L		679 U UG/L	
METALS (DISSOLVED)						
ALUMINUM		473 U UG/L		16000 J UG/L		6450 J UG/L
ANTIMONY		3.8 UJ UG/L		3.8 UR UG/L		3.8 UJ UG/L
ARSENIC		7.7 U UG/L		16.1 U UG/L		3.1 U UG/L
BARIUM		0.47 UJ UG/L		703 J UG/L		357 J UG/L
BERYLLIUM		0.20 UJ UG/L		0.20 U UG/L		0.20 UJ UG/L
CADMIUM		0.50 UJ UG/L		0.50 UJ UG/L		0.50 UJ UG/L
CALCIUM		17600 J UG/L		225000 J UG/L		35400 J UG/L
CHROMIUM		0.96 UJ UG/L		65.5 J UG/L		21.3 U UG/L
COBALT		0.71 UJ UG/L		0.71 UJ UG/L		0.71 UJ UG/L
COPPER		1.2 UJ UG/L		1.2 U UG/L		1.2 UJ UG/L
IRON		2870 U UG/L		22900 J UG/L		5960 J UG/L
LEAD		4.8 U UG/L		32.6 J UG/L		14.0 U UG/L
MAGNESIUM		10.0 UJ UG/L		11000 J UG/L		10.0 UJ UG/L
MANGANESE		43.8 J UG/L		345 J UG/L		94.8 J UG/L
MERCURY		0.25 U UG/L		0.20 U UG/L		0.25 U UG/L
NICKEL		1.6 UJ UG/L		1.6 UJ UG/L		1.6 UJ UG/L
POTASSIUM		25.3 UJ UG/L		5500 J UG/L		7480 J UG/L
SELENIUM		2.3 UJ UG/L		6.1 U UG/L		2.3 UJ UG/L
SILVER		1.8 UJ UG/L		1.8 UJ UG/L		1.8 UJ UG/L
SODIUM		14700 J UG/L		42700 J UG/L		14200 J UG/L
THALLIUM		9.8 U UG/L		3.9 U UG/L		3.9 U UG/L
VANADIUM		1.1 UJ UG/L		1.1 UJ UG/L		1.1 UJ UG/L
ZINC		242 U UG/L		285 J UG/L		244 U UG/L
RADIOLOGICAL						
CESIUM-137						
COBALT-60						
GROSS ALPHA	171+/-7.6 pCi/L		25.0+/-7.5 pCi/L		5.9+/-1.1 pCi/L	
GROSS BETA	46.2+/-3.2 pCi/L		24.9+/-5.7 pCi/L		10.0+/-1.0 pCi/L	

SAMPLE NUMBER	OU2MW25C00	OU2MW25C00-F	OU2MW26C00	OU2MW26C00-F
LAB ID NUMBER	F2646-26	F2646-26A	F2742-22	F2742-22A
DATE SAMPLED	8/6/98	8/6/98	8/5/98	8/5/98
PARAMETER	RESULTS	RESULTS	RESULTS	RESULTS
VOLATILES				
1,1,1-TRICHLOROETHANE	2 U UG/L		2 U UG/L	
1,1,2,2-TETRACHLOROETHANE	1 U UG/L		1 U UG/L	
1,1,2-TRICHLOROETHANE	2 U UG/L		2 U UG/L	
1,1-DICHLOROETHANE	2 U UG/L		2 U UG/L	
1,1-DICHLOROETHENE	2 U UG/L		2 U UG/L	
1,2-DICHLOROETHANE	2 U UG/L		2 U UG/L	
1,2-DICHLOROPROPANE	2 U UG/L		2 U UG/L	
2-BUTANONE	10 UR UG/L		10 UR UG/L	
2-HEXANONE	10 U UG/L		10 U UG/L	
4-METHYL-2-PENTANONE	10 U UG/L		10 U UG/L	
ACETONE	50 UR UG/L		50 UR UG/L	
BENZENE	1 U UG/L		1 U UG/L	
BROMODICHLOROMETHANE	1 U UG/L		2.4 UG/L	
BROMOFORM	2 U UG/L		2 U UG/L	
BROMOMETHANE	5 U UG/L		5 U UG/L	
CARBON DISULFIDE	10 U UG/L		11.8 UG/L	
CARBON TETRACHLORIDE	2 U UG/L		2 U UG/L	
CHLOROBENZENE	2 U UG/L		2 U UG/L	
CHLOROETHANE	2 U UG/L		2 U UG/L	
CHLOROFORM	2 U UG/L		12.2 UG/L	
CHLOROMETHANE	2 U UG/L		2 U UG/L	
CIS-1,2-DICHLOROETHENE	2 U UG/L		2 U UG/L	
CIS-1,3-DICHLOROPROPENE	2 U UG/L		2 U UG/L	
DIBROMOCHLOROMETHANE	1 U UG/L		1 U UG/L	
ETHYLBENZENE	2 U UG/L		2 U UG/L	
METHANE	113 UG/L		155 UG/L	
METHYLENE CHLORIDE	5 U UG/L		5 U UG/L	
STYRENE	2 U UG/L		2 U UG/L	
TETRACHLOROETHENE	2 U UG/L		2 U UG/L	
TOLUENE	2 U UG/L		2 U UG/L	
TRANS-1,2-DICHLOROETHENE	2 U UG/L		2 U UG/L	
TRANS-1,3-DICHLOROPROPENE	1 U UG/L		1 U UG/L	
TRICHLOROETHENE	2 U UG/L		2 U UG/L	
VINYL CHLORIDE	1 U UG/L		1 U UG/L	
XYLENES, TOTAL	6 U UG/L		6 U UG/L	

SAMPLE NUMBER	OU2MW25C00	OU2MW25C00-F	OU2MW26C00	OU2MW26C00-F
LAB ID NUMBER	F2646-26	F2646-26A	F2742-22	F2742-22A
DATE SAMPLED	8/6/98	8/6/98	8/5/98	8/5/98
PARAMETER	RESULTS	RESULTS	RESULTS	RESULTS
SEMIVOLATILES				
1,2,4-TRICHLOROBENZENE	10 U UG/L		10 U UG/L	
1,2-DICHLOROBENZENE	10 U UG/L		10 U UG/L	
1,3-DICHLOROBENZENE	10 U UG/L		10 U UG/L	
1,4-DICHLOROBENZENE	10 U UG/L		10 U UG/L	
2,4,5-TRICHLOROPHENOL	4 U UG/L		4 U UG/L	
2,4,6-TRICHLOROPHENOL	4 U UG/L		4 U UG/L	
2,4-DICHLOROPHENOL	4 U UG/L		4 U UG/L	
2,4-DIMETHYLPHENOL	10 U UG/L		10 U UG/L	
2,4-DINITROPHENOL	25 U UG/L		25 U UG/L	
2,4-DINITROTOLUENE	0.2 U UG/L		0.2 UJ UG/L	
2,6-DINITROTOLUENE	0.4 U UG/L		0.2 U UG/L	
2-CHLORONAPHTHALENE	10 U UG/L		10 U UG/L	
2-CHLOROPHENOL	10 U UG/L		10 U UG/L	
2-METHYLNAPHTHALENE	10 U UG/L		10 U UG/L	
2-METHYLPHENOL	10 U UG/L		10 U UG/L	
2-NITROANILINE	7.5 U UG/L		7.5 U UG/L	
2-NITROPHENOL	10 U UG/L		10 U UG/L	
3&4-METHYLPHENOL	10 U UG/L		10 U UG/L	
3,3'-DICHLOROBENZIDINE	7.5 U UG/L		7.5 UJ UG/L	
3-NITROANILINE	7.5 U UG/L		7.5 U UG/L	
4,6-DINITRO-2-METHYLPHENOL	10 U UG/L		10 U UG/L	
4-BROMOPHENYL PHENYL ETHER	10 U UG/L		10 U UG/L	
4-CHLORO-3-METHYLPHENOL	10 U UG/L		10 U UG/L	
4-CHLOROANILINE	10 U UG/L		10 U UG/L	
4-CHLOROPHENYL PHENYL ETHER	10 U UG/L		10 U UG/L	
4-NITROANILINE	7.5 U UG/L		7.5 UJ UG/L	
4-NITROPHENOL	15 U UG/L		15 U UG/L	
ACENAPHTHENE	10 U UG/L		10 U UG/L	
ACENAPHTHYLENE	10 U UG/L		10 U UG/L	
ANTHRACENE	10 U UG/L		10 U UG/L	
BENZO(A)ANTHRACENE	0.2 U UG/L		0.2 U UG/L	
BENZO(A)PYRENE	0.2 U UG/L		0.2 U UG/L	
BENZO(B)FLUORANTHENE	0.2 U UG/L		0.2 U UG/L	
BENZO(G,H,I)PERYLENE	10 U UG/L		10 U UG/L	
BENZO(K)FLUORANTHENE	0.2 U UG/L		0.2 U UG/L	

SAMPLE NUMBER	OU2MW25C00	OU2MW25C00-F	OU2MW26C00	OU2MW26C00-F
LAB ID NUMBER	F2646-26	F2646-26A	F2742-22	F2742-22A
DATE SAMPLED	8/6/98	8/6/98	8/5/98	8/5/98
PARAMETER	RESULTS	RESULTS	RESULTS	RESULTS
BIS(2-CHLOROETHOXY)METHANE	10 U UG/L		10 U UG/L	
BIS(2-CHLOROETHYL)ETHER	1.5 U UG/L		1.5 U UG/L	
BIS(2-CHLOROISOPROPYL) ETHER	7.5 U UG/L		7.5 U UG/L	
BIS(2-ETHYLHEXYL)PHTHALATE	6 U UG/L		6 U UG/L	
BUTYLBENZYL PHTHALATE	10 U UG/L		10 U UG/L	
CARBAZOLE	7.5 U UG/L		7.5 U UG/L	
CHRYSENE	5 U UG/L		5 U UG/L	
DI-N-BUTYL PHTHALATE	10 U UG/L		10 U UG/L	
DI-N-OCTYL PHTHALATE	10 U UG/L		10 U UG/L	
DIBENZO(A,H)ANTHRACENE	0.2 U UG/L		0.2 U UG/L	
DIBENZOFURAN	10 U UG/L		10 U UG/L	
DIETHYL PHTHALATE	10 U UG/L		10 U UG/L	
DIMETHYL PHTHALATE	4.2 J UG/L		10 U UG/L	
FLUORANTHENE	10 U UG/L		10 U UG/L	
FLUORENE	10 U UG/L		10 U UG/L	
HEXACHLOROBENZENE	1 U UG/L		1 U UG/L	
HEXACHLOROBUTADIENE	10 U UG/L		10 U UG/L	
HEXACHLOROCYCLOPENTADIENE	10 U UG/L		10 U UG/L	
HEXACHLOROETHANE	10 U UG/L		10 U UG/L	
INDENO(1,2,3-CD)PYRENE	0.2 U UG/L		0.2 U UG/L	
ISOPHORONE	10 U UG/L		10 U UG/L	
N-NITROSO-DI-N-PROPYLAMINE	1 U UG/L		1 U UG/L	
N-NITROSODIPHENYLAMINE	7.5 U UG/L		7.5 U UG/L	
NAPHTHALENE	5 U UG/L		5 U UG/L	
NITROBENZENE	10 U UG/L		10 U UG/L	
PHENANTHRENE	10 U UG/L		10 U UG/L	
PHENOL	10 U UG/L		10 U UG/L	
PYRENE	10 U UG/L		10 U UG/L	
HERBICIDES				
2,4,5-T	0.047 U UG/L		0.047 U UG/L	
2,4,5-TP (SILVEX)	0.089 U UG/L		0.089 U UG/L	
2,4-D	0.19 U UG/L		0.19 U UG/L	
2,4-DB	0.2 U UG/L		0.2 U UG/L	
DALAPON	0.4 U UG/L		0.4 U UG/L	
DICAMBA	0.2 U UG/L		0.2 U UG/L	
DICHLOROPROP	1 U UG/L		1 U UG/L	

SAMPLE NUMBER	OU2MW25C00	OU2MW25C00-F	OU2MW26C00	OU2MW26C00-F
LAB ID NUMBER	F2646-26	F2646-26A	F2742-22	F2742-22A
DATE SAMPLED	8/6/98	8/6/98	8/5/98	8/5/98
PARAMETER	RESULTS	RESULTS	RESULTS	RESULTS
DINOSEB	0.2 U UG/L		0.2 U UG/L	
MCPA	100 U UG/L		100 U UG/L	
MCPP	50 U UG/L		50 U UG/L	
PENTACHLOROPHENOL	0.1 U UG/L		0.1 U UG/L	
PESTICIDES/PCBS				
4,4'-DDD	0.10 U UG/L		0.10 UJ UG/L	
4,4'-DDE	0.10 U UG/L		0.10 UJ UG/L	
4,4'-DDT	0.10 U UG/L		0.10 UJ UG/L	
ALDRIN	0.050 U UG/L		0.050 UJ UG/L	
ALPHA-BHC	0.050 U UG/L		0.050 UJ UG/L	
ALPHA-CHLORDANE	0.10 U UG/L		0.10 UJ UG/L	
AROCLOR-1016				
AROCLOR-1221				
AROCLOR-1232				
AROCLOR-1242				
AROCLOR-1248				
AROCLOR-1254				
AROCLOR-1260				
BETA-BHC	0.10 U UG/L		0.10 UJ UG/L	
DELTA-BHC	0.050 U UG/L		0.050 UJ UG/L	
DIELDRIN	0.10 U UG/L		0.10 UJ UG/L	
ENDOSULFAN I	0.050 U UG/L		0.050 UJ UG/L	
ENDOSULFAN II	0.10 U UG/L		0.10 UJ UG/L	
ENDOSULFAN SULFATE	0.10 U UG/L		0.10 UJ UG/L	
ENDRIN	0.10 U UG/L		0.10 UJ UG/L	
ENDRIN ALDEHYDE	0.10 U UG/L		0.10 UJ UG/L	
ENDRIN KETONE	0.10 U UG/L		0.10 UJ UG/L	
GAMMA-BHC (LINDANE)	0.050 U UG/L		0.050 UJ UG/L	
GAMMA-CHLORDANE	0.10 U UG/L		0.10 UJ UG/L	
HEPTACHLOR	0.050 U UG/L		0.050 UJ UG/L	
HEPTACHLOR EPOXIDE	0.050 U UG/L		0.050 UJ UG/L	
METHOXYCHLOR	0.50 U UG/L		0.50 UJ UG/L	
TOXAPHENE	2.5 U UG/L		2.5 UJ UG/L	
PETROLEUM HYDROCARBONS				
TPH (C8-C40)	0.5 U MG/L		0.5 U MG/L	
MISC				

SAMPLE NUMBER	OU2MW25C00	OU2MW25C00-F	OU2MW26C00	OU2MW26C00-F
LAB ID NUMBER	F2646-26	F2646-26A	F2742-22	F2742-22A
DATE SAMPLED	8/6/98	8/6/98	8/5/98	8/5/98
PARAMETER	RESULTS	RESULTS	RESULTS	RESULTS
ALKALINITY	43.0 MG/L		10.5 MG/L	
BOD-5DAY (TOTAL)	6.6 MG/L		2.5 MG/L	
CHEMICAL OXYGEN DEMAND	21.0 J MG/L		94.0 J MG/L	
CHLORIDE	1.5 MG/L		2.5 U MG/L	
CYANIDE	0.010 U MG/L		0.0050 U MG/L	
HARDNESS as CaCO3	261 MG/L		898 MG/L	
NITRATE, AS NITROGEN	0.11 U MG/L		0.11 U MG/L	
NITRATE/NITRITE, AS N	0.10 U MG/L		0.10 U MG/L	
NITRITE, AS NITROGEN	0.010 U MG/L		0.010 U MG/L	
ORTHOPHOSPHATE	0.10 U MG/L		5.4 MG/L	
PH	7.2		7.1	
PLATE COUNT, TOTAL	>30000 CFU/M		>30000 CFU/M	
REDOX POTENTIAL VS H2	243 MV		246 MV	
SULFATE	54.9 MG/L		30.0 MG/L	
TOTAL DISSOLVED SOLIDS	441 MG/L		595 MG/L	
TOTAL ORGANIC CARBON	9.0 MG/L		6.4 MG/L	
TOTAL SUSPENDED SOLIDS	122 MG/L		335 MG/L	
TURBIDITY			1880 NTU	
METALS (UNFILTERED)				
ALUMINUM	3120 J UG/L		20600 J UG/L	
ANTIMONY	3.8 UR UG/L		3.8 UR UG/L	
ARSENIC	11.8 U UG/L		40.3 UG/L	
BARIUM	211 J UG/L		255 U UG/L	
BERYLLIUM	0.20 U UG/L		0.20 U UG/L	
CADMIUM	0.50 UJ UG/L		4.8 U UG/L	
CALCIUM	93600 J UG/L		335000 J UG/L	
CHROMIUM	13.7 U UG/L		83.9 J UG/L	
COBALT	0.71 UJ UG/L		0.71 UJ UG/L	
COPPER	1.2 U UG/L		26.4 J UG/L	
IRON	3120 J UG/L		29700 J UG/L	
LEAD	5.0 U UG/L		35.5 J UG/L	
MAGNESIUM	6530 J UG/L		14900 J UG/L	
MANGANESE	139 J UG/L		386 J UG/L	
MERCURY	0.20 U UG/L		0.20 U UG/L	
NICKEL	1.6 UJ UG/L		61.2 J UG/L	
POTASSIUM	25.0 UJ UG/L		8360 J UG/L	

SAMPLE NUMBER	OU2MW25C00	OU2MW25C00-F	OU2MW26C00	OU2MW26C00-F
LAB ID NUMBER	F2646-26	F2646-26A	F2742-22	F2742-22A
DATE SAMPLED	8/6/98	8/6/98	8/5/98	8/5/98
PARAMETER	RESULTS	RESULTS	RESULTS	RESULTS
SELENIUM	2.3 U UG/L		5.2 U UG/L	
SILVER	1.8 UJ UG/L		1.8 UJ UG/L	
SODIUM	55500 J UG/L		28600 J UG/L	
THALLIUM	3.9 U UG/L		3.9 UJ UG/L	
VANADIUM	1.1 UJ UG/L		62.5 J UG/L	
ZINC	243 J UG/L		318 U UG/L	
METALS (DISSOLVED)				
ALUMINUM		2780 J UG/L		11900 J UG/L
ANTIMONY		3.8 UR UG/L		3.8 UR UG/L
ARSENIC		14.0 U UG/L		22.9 U UG/L
BARIUM		0.47 UJ UG/L		0.47 U UG/L
BERYLLIUM		0.20 U UG/L		0.20 U UG/L
CADMIUM		0.50 UJ UG/L		0.50 U UG/L
CALCIUM		95200 J UG/L		190000 J UG/L
CHROMIUM		23.3 J UG/L		46.5 J UG/L
COBALT		0.71 UJ UG/L		0.71 UJ UG/L
COPPER		1.2 U UG/L		1.2 U UG/L
IRON		2840 J UG/L		16800 J UG/L
LEAD		5.8 U UG/L		16.8 U UG/L
MAGNESIUM		6750 J UG/L		9200 J UG/L
MANGANESE		142 J UG/L		197 J UG/L
MERCURY		0.20 U UG/L		0.20 U UG/L
NICKEL		1.6 UJ UG/L		1.6 UJ UG/L
POTASSIUM		25.0 UJ UG/L		25.0 UJ UG/L
SELENIUM		2.3 U UG/L		2.3 U UG/L
SILVER		1.8 UJ UG/L		1.8 UJ UG/L
SODIUM		58800 J UG/L		22600 J UG/L
THALLIUM		3.9 U UG/L		3.9 U UG/L
VANADIUM		1.1 UJ UG/L		1.1 UJ UG/L
ZINC		423 J UG/L		182 U UG/L
RADIOLOGICAL				
CESIUM-137				
COBALT-60				
GROSS ALPHA	2.4+/-2.1 pCi/L		10.6+/-9.9 pCi/L	
GROSS BETA	7.4+/-1.6 pCi/L		7.6+/-6.3 pCi/L	

SAMPLE NUMBER	NTCSW00100	NTCSW00200	NTCSW00300	NTCSW00400	NTCSW00500	NTCSW00600
SAMPLE DATE	7/1/97	7/1/97	7/1/97	7/1/97	7/1/97	7/2/97
PARAMETER	RESULTS	RESULTS	RESULTS	RESULTS	RESULTS	RESULTS
VOLATILES						
1,1,1-TRICHLOROETHANE	2.0 U UG/L	2.0 U UG/L	2.0 U UG/L	2.0 U UG/L	2.0 U UG/L	2.0 U UG/L
1,1,2,2-TETRACHLOROETHANE	0.2 U UG/L	0.2 U UG/L	0.2 U UG/L	0.2 U UG/L	0.2 U UG/L	0.2 U UG/L
1,1,2-TRICHLOROETHANE	2.0 U UG/L	2.0 U UG/L	2.0 U UG/L	2.0 U UG/L	2.0 U UG/L	2.0 U UG/L
1,1-DICHLOROETHANE	2.0 U UG/L	2.0 U UG/L	2.0 U UG/L	2.0 U UG/L	2.0 U UG/L	2.0 U UG/L
1,1-DICHLOROETHENE	2.0 U UG/L	2.0 U UG/L	2.0 U UG/L	2.0 U UG/L	2.0 U UG/L	2.0 U UG/L
1,2-DICHLOROETHANE	2.0 U UG/L	2.0 U UG/L	2.0 U UG/L	2.0 U UG/L	2.0 U UG/L	2.0 U UG/L
1,2-DICHLOROPROPANE	2.0 U UG/L	2.0 U UG/L	2.0 U UG/L	2.0 U UG/L	2.0 U UG/L	2.0 U UG/L
2-BUTANONE	10 U UG/L	10 U UG/L	10 U UG/L	10 U UG/L	10 U UG/L	10 U UG/L
2-HEXANONE	10 U UG/L	10 U UG/L	10 U UG/L	10 U UG/L	10 U UG/L	10 U UG/L
4-METHYL-2-PENTANONE	10 U UG/L	10 U UG/L	10 U UG/L	10 U UG/L	10 U UG/L	10 U UG/L
ACETONE	10 U UG/L	10 U UG/L	10 U UG/L	10 U UG/L	10 U UG/L	10 U UG/L
BENZENE	1.0 U UG/L	1.0 U UG/L	1.0 U UG/L	1.0 U UG/L	1.0 U UG/L	1.0 U UG/L
BROMODICHLOROMETHANE	0.6 U UG/L	0.6 U UG/L	0.6 U UG/L	0.6 U UG/L	0.6 U UG/L	0.6 U UG/L
BROMOFORM	2.0 U UG/L	2.0 U UG/L	2.0 U UG/L	2.0 U UG/L	2.0 U UG/L	2.0 U UG/L
BROMOMETHANE	5.0 U UG/L	5.0 U UG/L	5.0 U UG/L	5.0 U UG/L	5.0 U UG/L	5.0 U UG/L
CARBON DISULFIDE	2.0 U UG/L	2.0 U UG/L	2.0 U UG/L	2.0 U UG/L	2.0 U UG/L	2.0 U UG/L
CARBON TETRACHLORIDE	2.0 U UG/L	2.0 U UG/L	2.0 U UG/L	2.0 U UG/L	2.0 U UG/L	2.0 U UG/L
CHLOROBENZENE	2.0 U UG/L	2.0 U UG/L	2.0 U UG/L	2.0 U UG/L	2.0 U UG/L	2.0 U UG/L
CHLOROETHANE	2.0 U UG/L	2.0 U UG/L	2.0 U UG/L	2.0 U UG/L	2.0 U UG/L	2.0 U UG/L
CHLOROFORM	2.0 U UG/L	2.0 U UG/L	2.0 U UG/L	2.0 U UG/L	2.0 U UG/L	2.0 U UG/L
CHLOROMETHANE	5.0 U UG/L	5.0 U UG/L	5.0 U UG/L	5.0 U UG/L	5.0 U UG/L	5.0 U UG/L
CIS-1,2-DICHLOROETHENE	2.0 U UG/L	2.0 U UG/L	2.0 U UG/L	2.0 U UG/L	2.0 U UG/L	2.0 U UG/L
CIS-1,3-DICHLOROPROPENE	2.0 U UG/L	2.0 U UG/L	2.0 U UG/L	2.0 U UG/L	2.0 U UG/L	2.0 U UG/L
DIBROMOCHLOROMETHANE	1.0 U UG/L	1.0 U UG/L	1.0 U UG/L	1.0 U UG/L	1.0 U UG/L	1.0 U UG/L
ETHYLBENZENE	2.0 U UG/L	2.0 U UG/L	2.0 U UG/L	2.0 U UG/L	2.0 U UG/L	2.0 U UG/L
METHYLENE CHLORIDE	5.0 U UG/L	5.0 U UG/L	5.0 U UG/L	5.0 U UG/L	5.0 U UG/L	5.0 U UG/L
STYRENE	2.0 U UG/L	2.0 U UG/L	2.0 U UG/L	2.0 U UG/L	2.0 U UG/L	2.0 U UG/L
TETRACHLOROETHENE	2.0 U UG/L	2.0 U UG/L	2.0 U UG/L	2.0 U UG/L	2.0 U UG/L	2.0 U UG/L
TOLUENE	2.0 U UG/L	2.0 U UG/L	2.0 U UG/L	2.0 U UG/L	2.0 U UG/L	2.0 U UG/L
TRANS-1,2-DICHLOROETHENE	2.0 U UG/L	2.0 U UG/L	2.0 U UG/L	2.0 U UG/L	2.0 U UG/L	2.0 U UG/L
TRANS-1,3-DICHLOROPROPENE	1.0 U UG/L	1.0 U UG/L	1.0 U UG/L	1.0 U UG/L	1.0 U UG/L	1.0 U UG/L
TRICHLOROETHENE	2.0 U UG/L	2.0 U UG/L	2.0 U UG/L	2.0 U UG/L	2.0 U UG/L	2.0 U UG/L
VINYL CHLORIDE	1.0 U UG/L	1.0 U UG/L	1.0 U UG/L	1.0 U UG/L	1.0 U UG/L	1.0 U UG/L
XYLENES, TOTAL	6.0 U UG/L	6.0 U UG/L	6.0 U UG/L	6.0 U UG/L	6.0 U UG/L	6.0 U UG/L
SEMIVOLATILES						
1,2,4-TRICHLOROBENZENE	10 U UG/L	10 U UG/L	10 U UG/L	10 U UG/L	10 U UG/L	10 U UG/L

SAMPLE NUMBER	NTCSW00100	NTCSW00200	NTCSW00300	NTCSW00400	NTCSW00500	NTCSW00600
SAMPLE DATE	7/1/97	7/1/97	7/1/97	7/1/97	7/1/97	7/2/97
PARAMETER	RESULTS	RESULTS	RESULTS	RESULTS	RESULTS	RESULTS
1,2-DICHLOROBENZENE	10 U UG/L	10 U UG/L	10 U UG/L	10 U UG/L	10 U UG/L	10 U UG/L
1,3-DICHLOROBENZENE	10 U UG/L	10 U UG/L	10 U UG/L	10 U UG/L	10 U UG/L	10 U UG/L
1,4-DICHLOROBENZENE	10 U UG/L	10 U UG/L	10 U UG/L	10 U UG/L	10 U UG/L	10 U UG/L
2,4,5-TRICHLOROPHENOL	4.0 U UG/L	4.0 U UG/L	4.0 U UG/L	4.0 U UG/L	4.0 U UG/L	4.0 U UG/L
2,4,6-TRICHLOROPHENOL	4.0 U UG/L	4.0 U UG/L	4.0 U UG/L	4.0 U UG/L	4.0 U UG/L	4.0 U UG/L
2,4-DICHLOROPHENOL	4.0 U UG/L	4.0 U UG/L	4.0 U UG/L	4.0 U UG/L	4.0 U UG/L	4.0 U UG/L
2,4-DIMETHYLPHENOL	10 U UG/L	10 U UG/L	10 U UG/L	10 U UG/L	10 U UG/L	10 U UG/L
2,4-DINITROPHENOL	25 U UG/L	25 U UG/L	25 U UG/L	25 U UG/L	25 U UG/L	25 U UG/L
2,4-DINITROTOLUENE	0.2 UJ UG/L	0.2 UJ UG/L	0.2 UJ UG/L	0.2 UJ UG/L	0.2 UJ UG/L	0.2 UJ UG/L
2,6-DINITROTOLUENE	0.2 U UG/L	0.2 U UG/L	0.2 U UG/L	0.2 U UG/L	0.2 U UG/L	0.2 U UG/L
2-CHLORONAPHTHALENE	10 U UG/L	10 U UG/L	10 U UG/L	10 U UG/L	10 U UG/L	10 U UG/L
2-CHLOROPHENOL	10 U UG/L	10 U UG/L	10 U UG/L	10 U UG/L	10 U UG/L	10 U UG/L
2-METHYLNAPHTHALENE	10 U UG/L	10 U UG/L	10 U UG/L	10 U UG/L	10 U UG/L	10 U UG/L
2-METHYLPHENOL	10 U UG/L	10 U UG/L	10 U UG/L	10 U UG/L	10 U UG/L	10 U UG/L
2-NITROANILINE	7.5 U UG/L	7.5 U UG/L	7.5 U UG/L	7.5 U UG/L	7.5 U UG/L	7.5 U UG/L
2-NITROPHENOL	10 U UG/L	10 U UG/L	10 U UG/L	10 U UG/L	10 U UG/L	10 U UG/L
3&4-METHYLPHENOL	10 U UG/L	10 U UG/L	10 U UG/L	10 U UG/L	10 U UG/L	10 U UG/L
3,3'-DICHLOROBENZIDINE	7.5 U UG/L	7.5 U UG/L	7.5 U UG/L	7.5 UJ UG/L	7.5 UJ UG/L	7.5 U UG/L
3-NITROANILINE	7.5 U UG/L	7.5 U UG/L	7.5 U UG/L	7.5 U UG/L	7.5 U UG/L	7.5 U UG/L
4,6-DINITRO-2-METHYLPHENOL	10 U UG/L	10 U UG/L	10 U UG/L	10 U UG/L	10 U UG/L	10 U UG/L
4-BROMOPHENYL PHENYL ETHER	10 U UG/L	10 U UG/L	10 U UG/L	10 U UG/L	10 U UG/L	10 U UG/L
4-CHLORO-3-METHYLPHENOL	10 U UG/L	10 U UG/L	10 U UG/L	10 U UG/L	10 U UG/L	10 U UG/L
4-CHLOROANILINE	10 U UG/L	10 U UG/L	10 U UG/L	10 U UG/L	10 U UG/L	10 U UG/L
4-CHLOROPHENYL PHENYL ETHER	10 U UG/L	10 U UG/L	10 U UG/L	10 U UG/L	10 U UG/L	10 U UG/L
4-NITROANILINE	7.5 U UG/L	7.5 U UG/L	7.5 U UG/L	7.5 U UG/L	7.5 U UG/L	7.5 U UG/L
4-NITROPHENOL	15 U UG/L	15 U UG/L	15 U UG/L	15 U UG/L	15 U UG/L	15 U UG/L
ACENAPHTHENE	10 U UG/L	10 U UG/L	10 U UG/L	10 U UG/L	10 U UG/L	10 U UG/L
ACENAPHTHYLENE	10 U UG/L	10 U UG/L	10 U UG/L	10 U UG/L	10 U UG/L	10 U UG/L
ANTHRACENE	10 U UG/L	10 U UG/L	10 U UG/L	10 U UG/L	10 U UG/L	10 U UG/L
BENZO(A)ANTHRACENE	4.0 U UG/L	4.0 U UG/L	4.0 U UG/L	4.0 UJ UG/L	4.0 UJ UG/L	4.0 U UG/L
BENZO(A)PYRENE	0.2 U UG/L	0.2 U UG/L	0.2 U UG/L	0.2 U UG/L	0.2 U UG/L	0.2 U UG/L
BENZO(B)FLUORANTHENE	4.0 U UG/L	4.0 U UG/L	4.0 U UG/L	4.0 U UG/L	4.0 U UG/L	4.0 U UG/L
BENZO(G,H,I)PERYLENE	10 U UG/L	10 U UG/L	10 U UG/L	10 U UG/L	10 U UG/L	10 U UG/L
BENZO(K)FLUORANTHENE	4.0 U UG/L	4.0 U UG/L	4.0 U UG/L	4.0 U UG/L	4.0 U UG/L	4.0 U UG/L
BIS(2-CHLOROETHOXY)METHANE	10 U UG/L	10 U UG/L	10 U UG/L	10 U UG/L	10 U UG/L	10 U UG/L
BIS(2-CHLOROETHYL)ETHER	1.5 U UG/L	1.5 U UG/L	1.5 U UG/L	1.5 U UG/L	1.5 U UG/L	1.5 U UG/L
BIS(2-CHLOROISOPROPYL) ETHER	7.5 U UG/L	7.5 U UG/L	7.5 U UG/L	7.5 U UG/L	7.5 U UG/L	7.5 U UG/L

SAMPLE NUMBER	NTCSW00100	NTCSW00200	NTCSW00300	NTCSW00400	NTCSW00500	NTCSW00600
SAMPLE DATE	7/1/97	7/1/97	7/1/97	7/1/97	7/1/97	7/2/97
PARAMETER	RESULTS	RESULTS	RESULTS	RESULTS	RESULTS	RESULTS
BIS(2-ETHYLHEXYL)PHTHALATE	6.0 U UG/L	6.0 U UG/L	6.0 U UG/L	6.0 UJ UG/L	6.0 UJ UG/L	6.0 U UG/L
BUTYLBENZYL PHTHALATE	10 U UG/L	10 U UG/L	10 U UG/L	10 UJ UG/L	10 UJ UG/L	10 U UG/L
CARBAZOLE	7.5 U UG/L	7.5 U UG/L	7.5 U UG/L	7.5 U UG/L	7.5 U UG/L	7.5 U UG/L
CHRYSENE	5.0 U UG/L	5.0 U UG/L	5.0 U UG/L	5.0 UJ UG/L	5.0 UJ UG/L	5.0 U UG/L
DI-N-BUTYL PHTHALATE	10 U UG/L	10 U UG/L	10 U UG/L	10 U UG/L	10 U UG/L	10 U UG/L
DI-N-OCTYL PHTHALATE	10 U UG/L	10 U UG/L	10 U UG/L	10 U UG/L	10 U UG/L	10 U UG/L
DIBENZO(A,H)ANTHRACENE	7.5 U UG/L	7.5 U UG/L	7.5 U UG/L	7.5 U UG/L	7.5 U UG/L	7.5 U UG/L
DIBENZOFURAN	10 U UG/L	10 U UG/L	10 U UG/L	10 U UG/L	10 U UG/L	10 U UG/L
DIETHYL PHTHALATE	10 U UG/L	10 U UG/L	10 U UG/L	10 U UG/L	10 U UG/L	10 U UG/L
DIMETHYL PHTHALATE	10 U UG/L	10 U UG/L	10 U UG/L	10 U UG/L	10 U UG/L	10 U UG/L
FLUORANTHENE	10 U UG/L	10 U UG/L	10 U UG/L	10 U UG/L	10 U UG/L	10 U UG/L
FLUORENE	10 U UG/L	10 U UG/L	10 U UG/L	10 U UG/L	10 U UG/L	10 U UG/L
HEXACHLOROBENZENE	1.0 U UG/L	1.0 U UG/L	1.0 U UG/L	1.0 U UG/L	1.0 U UG/L	1.0 U UG/L
HEXACHLOROBUTADIENE	10 U UG/L	10 U UG/L	10 U UG/L	10 U UG/L	10 U UG/L	10 U UG/L
HEXACHLOROCYCLOPENTADIENE	10 U UG/L	10 U UG/L	10 U UG/L	10 U UG/L	10 U UG/L	10 U UG/L
HEXACHLOROETHANE	10 U UG/L	10 U UG/L	10 U UG/L	10 U UG/L	10 U UG/L	10 U UG/L
INDENO(1,2,3-CD)PYRENE	7.5 U UG/L	7.5 U UG/L	7.5 U UG/L	7.5 U UG/L	7.5 U UG/L	7.5 U UG/L
ISOPHORONE	10 U UG/L	10 U UG/L	10 U UG/L	10 U UG/L	10 U UG/L	10 U UG/L
N-NITROSO-DI-N-PROPYLAMINE	4.0 U UG/L	4.0 U UG/L	4.0 U UG/L	4.0 U UG/L	4.0 U UG/L	4.0 U UG/L
N-NITROSODIPHENYLAMINE	7.0 U UG/L	7.0 U UG/L	7.0 U UG/L	7.0 U UG/L	7.0 U UG/L	7.0 U UG/L
NAPHTHALENE	5.0 U UG/L	5.0 U UG/L	5.0 U UG/L	5.0 U UG/L	5.0 U UG/L	5.0 U UG/L
NITROBENZENE	7.5 U UG/L	7.5 U UG/L	7.5 U UG/L	7.5 U UG/L	7.5 U UG/L	7.5 U UG/L
PHENANTHRENE	10 U UG/L	10 U UG/L	10 U UG/L	10 U UG/L	10 U UG/L	10 U UG/L
PHENOL	10 U UG/L	10 U UG/L	10 U UG/L	10 U UG/L	10 U UG/L	10 U UG/L
PYRENE	10 U UG/L	10 U UG/L	10 U UG/L	10 UJ UG/L	10 UJ UG/L	10 U UG/L
HERBICIDES						
2,4,5-T	0.047 U UG/L	0.047 U UG/L	0.047 U UG/L	0.047 U UG/L	0.047 U UG/L	0.047 U UG/L
2,4,5-TP (SILVEX)	0.089 U UG/L	0.089 U UG/L	0.089 U UG/L	0.089 U UG/L	0.089 U UG/L	0.089 U UG/L
2,4-D	0.19 U UG/L	0.19 U UG/L	0.19 U UG/L	0.19 U UG/L	0.19 U UG/L	0.19 U UG/L
2,4-DB	0.20 U UG/L	0.20 U UG/L	0.20 U UG/L	0.20 U UG/L	0.20 U UG/L	0.20 U UG/L
DALAPON	0.40 U UG/L	0.40 U UG/L	0.40 U UG/L	0.40 U UG/L	0.40 U UG/L	0.40 U UG/L
DICAMBA	0.20 U UG/L	0.20 U UG/L	0.20 U UG/L	0.20 U UG/L	0.20 U UG/L	0.20 U UG/L
DICHLOROPROP	1.0 U UG/L	1.0 U UG/L	1.0 U UG/L	1.0 U UG/L	1.0 U UG/L	1.0 U UG/L
DINOSEB	0.20 U UG/L	0.20 U UG/L	0.20 U UG/L	0.20 U UG/L	0.20 U UG/L	0.20 U UG/L
MCPA	100 U UG/L	100 U UG/L	100 U UG/L	100 U UG/L	100 U UG/L	100 U UG/L
MCPP	50 U UG/L	50 U UG/L	50 U UG/L	50 U UG/L	50 U UG/L	50 U UG/L
PENTACHLOROPHENOL	0.10 U UG/L	0.10 U UG/L	0.10 U UG/L	0.10 U UG/L	0.10 U UG/L	0.10 U UG/L

SAMPLE NUMBER	NTCSW00100	NTCSW00200	NTCSW00300	NTCSW00400	NTCSW00500	NTCSW00600
SAMPLE DATE	7/1/97	7/1/97	7/1/97	7/1/97	7/1/97	7/2/97
PARAMETER	RESULTS	RESULTS	RESULTS	RESULTS	RESULTS	RESULTS
PESTICIDES/PCBS						
4,4'-DDD	0.033 U UG/L	0.033 U UG/L	0.033 U UG/L	0.033 U UG/L	0.033 U UG/L	0.033 U UG/L
4,4'-DDE	0.023 U UG/L	0.023 U UG/L	0.023 U UG/L	0.023 U UG/L	0.023 U UG/L	0.023 U UG/L
4,4'-DDT	0.025 U UG/L	0.025 U UG/L	0.025 U UG/L	0.025 U UG/L	0.025 U UG/L	0.025 U UG/L
ALDRIN	0.022 U UG/L	0.022 U UG/L	0.022 U UG/L	0.022 U UG/L	0.022 U UG/L	0.022 U UG/L
ALPHA-BHC	0.015 U UG/L	0.015 U UG/L	0.015 U UG/L	0.015 U UG/L	0.015 U UG/L	0.015 U UG/L
ALPHA-CHLORDANE	0.022 U UG/L	0.022 U UG/L	0.022 U UG/L	0.022 U UG/L	0.022 U UG/L	0.022 U UG/L
AROCLOR-1016						0.23 U UG/L
AROCLOR-1221						0.19 U UG/L
AROCLOR-1232						0.054 U UG/L
AROCLOR-1242						0.025 U UG/L
AROCLOR-1248						0.40 U UG/L
AROCLOR-1254						0.20 U UG/L
AROCLOR-1260						0.31 U UG/L
BETA-BHC	0.019 U UG/L	0.019 U UG/L	0.019 U UG/L	0.019 U UG/L	0.019 U UG/L	0.019 U UG/L
DELTA-BHC	0.016 U UG/L	0.016 U UG/L	0.016 U UG/L	0.016 U UG/L	0.016 U UG/L	0.016 U UG/L
DIELDRIN	0.021 U UG/L	0.021 U UG/L	0.021 U UG/L	0.021 U UG/L	0.021 U UG/L	0.021 U UG/L
ENDOSULFAN I	0.023 U UG/L	0.023 U UG/L	0.023 U UG/L	0.023 U UG/L	0.023 U UG/L	0.023 U UG/L
ENDOSULFAN II	0.024 U UG/L	0.024 U UG/L	0.024 U UG/L	0.024 U UG/L	0.024 U UG/L	0.024 U UG/L
ENDOSULFAN SULFATE	0.046 U UG/L	0.046 U UG/L	0.046 U UG/L	0.046 U UG/L	0.046 U UG/L	0.046 U UG/L
ENDRIN	0.027 U UG/L	0.027 U UG/L	0.027 U UG/L	0.027 U UG/L	0.027 U UG/L	0.027 U UG/L
ENDRIN ALDEHYDE	0.032 U UG/L	0.032 U UG/L	0.032 U UG/L	0.032 U UG/L	0.032 U UG/L	0.032 U UG/L
ENDRIN KETONE	0.030 U UG/L	0.030 U UG/L	0.030 U UG/L	0.030 U UG/L	0.030 U UG/L	0.030 U UG/L
GAMMA-BHC (LINDANE)	0.017 U UG/L	0.017 U UG/L	0.017 U UG/L	0.017 U UG/L	0.017 U UG/L	0.017 U UG/L
GAMMA-CHLORDANE	0.020 U UG/L	0.020 U UG/L	0.020 U UG/L	0.020 U UG/L	0.020 U UG/L	0.020 U UG/L
HEPTACHLOR	0.018 U UG/L	0.018 U UG/L	0.018 U UG/L	0.018 U UG/L	0.018 U UG/L	0.018 U UG/L
HEPTACHLOR EPOXIDE	0.021 U UG/L	0.021 U UG/L	0.021 U UG/L	0.021 U UG/L	0.021 U UG/L	0.021 U UG/L
METHOXYCHLOR	0.022 U UG/L	0.022 U UG/L	0.022 U UG/L	0.022 U UG/L	0.022 U UG/L	0.022 U UG/L
TOXAPHENE	0.28 U UG/L	0.28 U UG/L	0.28 U UG/L	0.28 U UG/L	0.28 U UG/L	0.28 U UG/L
PETROLEUM HYDROCARBONS						
DIESEL RANGE ORGANICS	0.5 U MG/L	0.5 U MG/L	0.5 U MG/L	0.5 U MG/L	0.5 U MG/L	0.5 U MG/L
GASOLINE RANGE ORGANICS	0.1 U MG/L	0.1 U MG/L	0.1 U MG/L	0.1 U MG/L	0.1 U MG/L	0.1 U MG/L
MISC						
ALKALINITY AS CACO3	23.9 MG/L	24.9 MG/L	24.4 MG/L	20.5 MG/L	21.4 MG/L	24.4 MG/L
HARDNESS AS CaCO3	34.4 MG/L	28.6 MG/L	32.5 MG/L	43.9 MG/L	51.6 MG/L	61.1 MG/L
TOTAL DISSOLVED SOLIDS	106 MG/L	169 MG/L	153 MG/L	122 MG/L	104 MG/L	223 MG/L
TOTAL SUSPENDED SOLIDS	9 MG/L	23 MG/L	4 U MG/L	11 MG/L	4 U MG/L	120 MG/L

SURFACE WATER SAMPLES

SAMPLE NUMBER	NTCSW00100	NTCSW00200	NTCSW00300	NTCSW00400	NTCSW00500	NTCSW00600
SAMPLE DATE	7/1/97	7/1/97	7/1/97	7/1/97	7/1/97	7/2/97
PARAMETER	RESULTS	RESULTS	RESULTS	RESULTS	RESULTS	RESULTS
METALS						
ALUMINUM	246 U UG/L	120 U UG/L	126 U UG/L	96.8 U UG/L	468 J UG/L	3700 J UG/L
ANTIMONY	2.7 U UG/L	2.7 U UG/L	2.7 U UG/L	2.7 U UG/L	2.7 U UG/L	2.7 U UG/L
ARSENIC	4.5 U UG/L	4.5 U UG/L	4.5 U UG/L	4.5 U UG/L	4.5 U UG/L	5.0 UG/L
BARIUM	10.0 U UG/L	10.0 U UG/L	10.6 UG/L	11.6 UG/L	11.1 UG/L	26.9 UG/L
BERYLLIUM	0.10 U UG/L	0.10 U UG/L	0.10 U UG/L	0.10 U UG/L	0.10 U UG/L	0.10 U UG/L
CADMIUM	0.50 U UG/L	0.50 U UG/L	0.50 U UG/L	0.50 U UG/L	0.50 U UG/L	0.50 U UG/L
CALCIUM	10400 UG/L	10400 UG/L	10500 UG/L	9460 UG/L	10300 UG/L	14700 UG/L
CHROMIUM	1.8 U UG/L	1.8 U UG/L	1.8 U UG/L	1.8 U UG/L	1.8 U UG/L	6.6 UG/L
COBALT	1.7 U UG/L	1.7 U UG/L	1.7 U UG/L	1.7 U UG/L	1.7 U UG/L	1.7 U UG/L
COPPER	2.7 U UG/L	2.7 U UG/L	3.9 UG/L	2.7 U UG/L	2.8 UG/L	13.3 UG/L
CYANIDE	0.01 UJ MG/L	0.01 UJ MG/L	0.01 UJ MG/L	0.01 UJ MG/L	0.01 UJ MG/L	0.01 UJ MG/L
IRON	272 J UG/L	292 J UG/L	324 J UG/L	606 J UG/L	288 J UG/L	1330 J UG/L
LEAD	1.4 U UG/L	1.4 U UG/L	1.4 U UG/L	1.4 U UG/L	1.4 U UG/L	16.6 UG/L
MAGNESIUM	1090 UG/L	1100 UG/L	1350 UG/L	731 UG/L	1230 UG/L	3360 UG/L
MANGANESE	6.5 J UG/L	9.3 J UG/L	14.7 J UG/L	4.3 U UG/L	3.1 U UG/L	55.0 J UG/L
MERCURY	0.16 U UG/L	0.16 U UG/L	0.16 U UG/L	0.16 U UG/L	0.16 U UG/L	0.16 U UG/L
NICKEL	2.0 U UG/L	2.0 U UG/L	2.0 U UG/L	2.0 U UG/L	2.0 U UG/L	2.0 U UG/L
POTASSIUM	1850 UG/L	1860 UG/L	2020 UG/L	341 UG/L	1780 UG/L	3800 UG/L
SELENIUM	3.7 U UG/L	3.7 U UG/L	3.7 U UG/L	3.7 U UG/L	3.7 U UG/L	3.7 U UG/L
SILVER	2.0 U UG/L	2.0 U UG/L	2.0 U UG/L	2.0 U UG/L	2.0 U UG/L	2.0 U UG/L
SODIUM	7520 UG/L	5860 UG/L	6370 UG/L	2680 UG/L	6470 UG/L	16100 UG/L
THALLIUM	2.0 U UG/L	2.0 U UG/L	2.0 U UG/L	2.0 U UG/L	2.0 U UG/L	2.0 U UG/L
VANADIUM	1.6 U UG/L	1.6 U UG/L	1.6 U UG/L	1.6 U UG/L	1.6 U UG/L	9.0 UG/L
ZINC	7.4 U UG/L	6.4 U UG/L	10.7 U UG/L	10.8 U UG/L	7.2 U UG/L	27.8 UG/L
RADIOLOGICAL						
GROSS ALPHA	0.36 +/- 0.52 U PCI/L	0.29 +/- 0.40 U PCI/L	1.07 +/- 0.50 J PCI/L	-0.20 +/- 0.44 U PCI/L	1.25 +/- 0.46 J PCI/L	7.32 +/- 1.35 J PCI/L
GROSS BETA	1.52 +/- 0.58 PCI/L	2.21 +/- 0.62 PCI/L	1.34 +/- 0.59 PCI/L	0.07 +/- 0.48 U PCI/L	0.04 +/- 0.50 U PCI/L	6.06 +/- 0.95 PCI/L

SAMPLE NUMBER	NTCSW00600-D	NTCSW00700	NTCSW00800	NTCSW00900	NTCSW01000	NTCSW01002
SAMPLE DATE	7/2/97	7/1/97	7/1/97	7/2/97	7/2/97	7/1/97
PARAMETER	RESULTS	RESULTS	RESULTS	RESULTS	RESULTS	RESULTS
VOLATILES						
1,1,1-TRICHLOROETHANE	2.0 U UG/L	2.0 U UG/L	2.0 U UG/L	2.0 U UG/L	2.0 U UG/L	
1,1,2,2-TETRACHLOROETHANE	0.2 U UG/L	0.2 U UG/L	0.2 U UG/L	0.2 U UG/L	0.2 U UG/L	
1,1,2-TRICHLOROETHANE	2.0 U UG/L	2.0 U UG/L	2.0 U UG/L	2.0 U UG/L	2.0 U UG/L	
1,1-DICHLOROETHANE	2.0 U UG/L	2.0 U UG/L	2.0 U UG/L	2.0 U UG/L	2.0 U UG/L	
1,1-DICHLOROETHENE	2.0 U UG/L	2.0 U UG/L	2.0 U UG/L	2.0 U UG/L	2.0 U UG/L	
1,2-DICHLOROETHANE	2.0 U UG/L	2.0 U UG/L	2.0 U UG/L	2.0 U UG/L	2.0 U UG/L	
1,2-DICHLOROPROPANE	2.0 U UG/L	2.0 U UG/L	2.0 U UG/L	2.0 U UG/L	2.0 U UG/L	
2-BUTANONE	10 U UG/L	10 U UG/L	10 U UG/L	10 U UG/L	10 U UG/L	
2-HEXANONE	10 U UG/L	10 U UG/L	10 U UG/L	10 U UG/L	10 U UG/L	
4-METHYL-2-PENTANONE	10 U UG/L	10 U UG/L	10 U UG/L	10 U UG/L	10 U UG/L	
ACETONE	10 UR UG/L	10 UR UG/L	50 U UG/L	10 UR UG/L	10 UR UG/L	
BENZENE	1.0 U UG/L	1.0 U UG/L	1.0 UJ UG/L	1.0 U UG/L	1.0 U UG/L	
BROMODICHLOROMETHANE	0.6 U UG/L	0.6 U UG/L	0.6 U UG/L	0.6 U UG/L	0.6 U UG/L	
BROMOFORM	2.0 U UG/L	2.0 U UG/L	2.0 U UG/L	2.0 U UG/L	2.0 U UG/L	
BROMOMETHANE	5.0 U UG/L	5.0 U UG/L	5.0 U UG/L	5.0 U UG/L	5.0 U UG/L	
CARBON DISULFIDE	2.0 U UG/L	2.0 U UG/L	2.0 U UG/L	2.0 U UG/L	2.0 U UG/L	
CARBON TETRACHLORIDE	2.0 U UG/L	2.0 U UG/L	2.0 U UG/L	2.0 U UG/L	2.0 U UG/L	
CHLOROBENZENE	2.0 U UG/L	2.0 U UG/L	2.0 UJ UG/L	2.0 U UG/L	2.0 U UG/L	
CHLOROETHANE	2.0 U UG/L	2.0 U UG/L	2.0 U UG/L	2.0 U UG/L	2.0 U UG/L	
CHLOROFORM	2.0 U UG/L	2.0 U UG/L	2.0 U UG/L	2.0 U UG/L	2.0 U UG/L	
CHLOROMETHANE	5.0 U UG/L	5.0 U UG/L	5.0 U UG/L	5.0 U UG/L	5.0 U UG/L	
CIS-1,2-DICHLOROETHENE	2.0 U UG/L	2.0 U UG/L	2.0 U UG/L	2.0 U UG/L	2.0 U UG/L	
CIS-1,3-DICHLOROPROPENE	2.0 U UG/L	2.0 U UG/L	2.0 U UG/L	2.0 U UG/L	2.0 U UG/L	
DIBROMOCHLOROMETHANE	1.0 U UG/L	1.0 U UG/L	2.0 U UG/L	1.0 U UG/L	1.0 U UG/L	
ETHYLBENZENE	2.0 U UG/L	2.0 U UG/L	2.0 UJ UG/L	2.0 U UG/L	2.0 U UG/L	
METHYLENE CHLORIDE	5.0 U UG/L	5.0 U UG/L	5.0 U UG/L	5.0 U UG/L	5.0 U UG/L	
STYRENE	2.0 U UG/L	2.0 U UG/L	2.0 UJ UG/L	2.0 U UG/L	2.0 U UG/L	
TETRACHLOROETHENE	2.0 U UG/L	2.0 U UG/L	2.0 U UG/L	2.0 U UG/L	2.0 U UG/L	
TOLUENE	2.0 U UG/L	2.0 U UG/L	2.0 UJ UG/L	2.0 U UG/L	2.0 U UG/L	
TRANS-1,2-DICHLOROETHENE	2.0 U UG/L	2.0 U UG/L	2.0 U UG/L	2.0 U UG/L	2.0 U UG/L	
TRANS-1,3-DICHLOROPROPENE	1.0 U UG/L	1.0 U UG/L	2.0 U UG/L	1.0 U UG/L	1.0 U UG/L	
TRICHLOROETHENE	2.0 U UG/L	2.0 U UG/L	2.0 U UG/L	2.0 U UG/L	2.0 U UG/L	
VINYL CHLORIDE	1.0 U UG/L	1.0 U UG/L	1.0 U UG/L	1.0 U UG/L	1.0 U UG/L	
XYLENES, TOTAL	6.0 U UG/L	6.0 U UG/L	6.0 UJ UG/L	6.0 U UG/L	6.0 U UG/L	
SEMIVOLATILES						
1,2,4-TRICHLOROBENZENE	10 UJ UG/L	10 UJ UG/L	10 U UG/L	10 UJ UG/L	10 UJ UG/L	

SAMPLE NUMBER	NTCSW00600-D	NTCSW00700	NTCSW00800	NTCSW00900	NTCSW01000	NTCSW01002
SAMPLE DATE	7/2/97	7/1/97	7/1/97	7/2/97	7/2/97	7/1/97
PARAMETER	RESULTS	RESULTS	RESULTS	RESULTS	RESULTS	RESULTS
1,2-DICHLOROBENZENE	10 UJ UG/L	10 UJ UG/L	10 U UG/L	10 UJ UG/L	10 UJ UG/L	
1,3-DICHLOROBENZENE	10 UJ UG/L	10 UJ UG/L	10 U UG/L	10 UJ UG/L	10 UJ UG/L	
1,4-DICHLOROBENZENE	10 UJ UG/L	10 UJ UG/L	10 U UG/L	10 UJ UG/L	10 UJ UG/L	
2,4,5-TRICHLOROPHENOL	4.0 UJ UG/L	4.0 UJ UG/L	4.0 U UG/L	4.0 UJ UG/L	4.0 UJ UG/L	
2,4,6-TRICHLOROPHENOL	4.0 UJ UG/L	4.0 UJ UG/L	4.0 U UG/L	4.0 UJ UG/L	4.0 UJ UG/L	
2,4-DICHLOROPHENOL	4.0 UJ UG/L	4.0 UJ UG/L	4.0 U UG/L	4.0 UJ UG/L	4.0 UJ UG/L	
2,4-DIMETHYLPHENOL	10 UJ UG/L	10 UJ UG/L	10 U UG/L	10 UJ UG/L	10 UJ UG/L	
2,4-DINITROPHENOL	25 UJ UG/L	25 UJ UG/L	25 U UG/L	25 UJ UG/L	25 UJ UG/L	
2,4-DINITROTOLUENE	0.2 UJ UG/L	0.2 UJ UG/L	0.2 U UG/L	0.2 UJ UG/L	0.2 UJ UG/L	
2,6-DINITROTOLUENE	0.2 UJ UG/L	0.2 UJ UG/L	0.2 U UG/L	0.2 UJ UG/L	0.2 UJ UG/L	
2-CHLORONAPHTHALENE	10 UJ UG/L	10 UJ UG/L	10 U UG/L	10 UJ UG/L	10 UJ UG/L	
2-CHLOROPHENOL	10 UJ UG/L	10 UJ UG/L	10 U UG/L	10 UJ UG/L	10 UJ UG/L	
2-METHYLNAPHTHALENE	10 UJ UG/L	10 UJ UG/L	10 U UG/L	10 UJ UG/L	10 UJ UG/L	
2-METHYLPHENOL	10 UJ UG/L	10 UJ UG/L	10 U UG/L	10 UJ UG/L	10 UJ UG/L	
2-NITROANILINE	7.5 UJ UG/L	7.5 UJ UG/L	7.5 U UG/L	7.5 UJ UG/L	7.5 UJ UG/L	
2-NITROPHENOL	10 UJ UG/L	10 UJ UG/L	10 U UG/L	10 UJ UG/L	10 UJ UG/L	
3&4-METHYLPHENOL	10 UJ UG/L	10 UJ UG/L	10 U UG/L	10 UJ UG/L	10 UJ UG/L	
3,3'-DICHLOROBENZIDINE	7.5 UJ UG/L	7.5 UJ UG/L	7.5 U UG/L	7.5 UJ UG/L	7.5 UJ UG/L	
3-NITROANILINE	7.5 UJ UG/L	7.5 UJ UG/L	7.5 U UG/L	7.5 UJ UG/L	7.5 UJ UG/L	
4,6-DINITRO-2-METHYLPHENOL	10 UJ UG/L	10 UJ UG/L	10 U UG/L	10 UJ UG/L	10 UJ UG/L	
4-BROMOPHENYL PHENYL ETHER	10 UJ UG/L	10 UJ UG/L	10 U UG/L	10 UJ UG/L	10 UJ UG/L	
4-CHLORO-3-METHYLPHENOL	10 UJ UG/L	10 UJ UG/L	10 U UG/L	10 UJ UG/L	10 UJ UG/L	
4-CHLOROANILINE	10 UJ UG/L	10 UJ UG/L	10 U UG/L	10 UJ UG/L	10 UJ UG/L	
4-CHLOROPHENYL PHENYL ETHER	10 UJ UG/L	10 UJ UG/L	10 U UG/L	10 UJ UG/L	10 UJ UG/L	
4-NITROANILINE	7.5 UJ UG/L	7.5 UJ UG/L	7.5 U UG/L	7.5 UJ UG/L	7.5 UJ UG/L	
4-NITROPHENOL	15 UJ UG/L	15 UJ UG/L	15 U UG/L	15 UJ UG/L	15 UJ UG/L	
ACENAPHTHENE	10 UJ UG/L	10 UJ UG/L	10 U UG/L	10 UJ UG/L	10 UJ UG/L	
ACENAPHTHYLENE	10 UJ UG/L	10 UJ UG/L	10 U UG/L	10 UJ UG/L	10 UJ UG/L	
ANTHRACENE	10 UJ UG/L	10 UJ UG/L	10 U UG/L	10 UJ UG/L	10 UJ UG/L	
BENZO(A)ANTHRACENE	4.0 UJ UG/L	4.0 UJ UG/L	4.0 U UG/L	4.0 UJ UG/L	4.0 UJ UG/L	
BENZO(A)PYRENE	0.2 UJ UG/L	0.2 UJ UG/L	0.2 U UG/L	0.2 UJ UG/L	0.2 UJ UG/L	
BENZO(B)FLUORANTHENE	4.0 UJ UG/L	4.0 UJ UG/L	4.0 U UG/L	4.0 UJ UG/L	4.0 UJ UG/L	
BENZO(G,H,I)PERYLENE	10 UJ UG/L	10 UJ UG/L	10 U UG/L	10 UJ UG/L	10 UJ UG/L	
BENZO(K)FLUORANTHENE	4.0 UJ UG/L	4.0 UJ UG/L	4.0 U UG/L	4.0 UJ UG/L	4.0 UJ UG/L	
BIS(2-CHLOROETHOXY)METHANE	10 UJ UG/L	10 UJ UG/L	10 U UG/L	10 UJ UG/L	10 UJ UG/L	
BIS(2-CHLOROETHYL)ETHER	1.5 UJ UG/L	1.5 UJ UG/L	1.5 U UG/L	1.5 UJ UG/L	1.5 UJ UG/L	
BIS(2-CHLOROISOPROPYL) ETHER	7.5 UJ UG/L	7.5 UJ UG/L	7.5 U UG/L	7.5 UJ UG/L	7.5 UJ UG/L	

SAMPLE NUMBER	NTCSW00600-D	NTCSW00700	NTCSW00800	NTCSW00900	NTCSW01000	NTCSW01002
SAMPLE DATE	7/2/97	7/1/97	7/1/97	7/2/97	7/2/97	7/1/97
PARAMETER	RESULTS	RESULTS	RESULTS	RESULTS	RESULTS	RESULTS
BIS(2-ETHYLHEXYL)PHTHALATE	6.0 UJ UG/L	6.0 UJ UG/L	10.3 UG/L	6.0 UJ UG/L	6.0 UJ UG/L	
BUTYLBENZYL PHTHALATE	10 UJ UG/L	10 UJ UG/L	10 U UG/L	10 UJ UG/L	10 UJ UG/L	
CARBAZOLE	7.5 UJ UG/L	7.5 UJ UG/L	7.5 U UG/L	7.5 UJ UG/L	7.5 UJ UG/L	
CHRYSENE	5.0 UJ UG/L	5.0 UJ UG/L	5.0 U UG/L	5.0 UJ UG/L	5.0 UJ UG/L	
DI-N-BUTYL PHTHALATE	10 UJ UG/L	10 UJ UG/L	10 U UG/L	10 UJ UG/L	10 UJ UG/L	
DI-N-OCTYL PHTHALATE	10 UJ UG/L	10 UJ UG/L	10 U UG/L	10 UJ UG/L	10 UJ UG/L	
DIBENZO(A,H)ANTHRACENE	7.5 U UG/L	7.5 U UG/L	7.5 U UG/L	7.5 U UG/L	7.5 U UG/L	
DIBENZOFURAN	10 UJ UG/L	10 UJ UG/L	10 U UG/L	10 UJ UG/L	10 UJ UG/L	
DIETHYL PHTHALATE	10 UJ UG/L	10 UJ UG/L	10 U UG/L	10 UJ UG/L	10 UJ UG/L	
DIMETHYL PHTHALATE	10 UJ UG/L	10 UJ UG/L	10 U UG/L	10 UJ UG/L	10 UJ UG/L	
FLUORANTHENE	10 UJ UG/L	10 UJ UG/L	10 U UG/L	10 UJ UG/L	10 UJ UG/L	
FLUORENE	10 UJ UG/L	10 UJ UG/L	10 U UG/L	10 UJ UG/L	10 UJ UG/L	
HEXACHLOROBENZENE	1.0 UJ UG/L	1.0 UJ UG/L	1.0 U UG/L	1.0 UJ UG/L	1.0 UJ UG/L	
HEXACHLOROBUTADIENE	10 UJ UG/L	10 UJ UG/L	10 U UG/L	10 UJ UG/L	10 UJ UG/L	
HEXACHLOROCYCLOPENTADIENE	10 UJ UG/L	10 UJ UG/L	10 U UG/L	10 UJ UG/L	10 UJ UG/L	
HEXACHLOROETHANE	10 UJ UG/L	10 UJ UG/L	10 U UG/L	10 UJ UG/L	10 UJ UG/L	
INDENO(1,2,3-CD)PYRENE	7.5 UJ UG/L	7.5 UJ UG/L	7.5 U UG/L	7.5 UJ UG/L	7.5 UJ UG/L	
ISOPHORONE	10 UJ UG/L	10 UJ UG/L	10 U UG/L	10 UJ UG/L	10 UJ UG/L	
N-NITROSO-DI-N-PROPYLAMINE	4.0 UJ UG/L	4.0 UJ UG/L	4.0 U UG/L	4.0 UJ UG/L	4.0 UJ UG/L	
N-NITROSODIPHENYLAMINE	7.0 UJ UG/L	7.0 UJ UG/L	7.0 U UG/L	7.0 UJ UG/L	7.0 UJ UG/L	
NAPHTHALENE	5.0 UJ UG/L	5.0 UJ UG/L	5.0 U UG/L	5.0 UJ UG/L	5.0 UJ UG/L	
NITROBENZENE	7.5 UJ UG/L	7.5 UJ UG/L	7.5 U UG/L	7.5 UJ UG/L	7.5 UJ UG/L	
PHENANTHRENE	10 UJ UG/L	10 UJ UG/L	10 U UG/L	10 UJ UG/L	10 UJ UG/L	
PHENOL	10 UJ UG/L	10 UJ UG/L	10 U UG/L	10 UJ UG/L	10 UJ UG/L	
PYRENE	10 UJ UG/L	10 UJ UG/L	10 U UG/L	10 UJ UG/L	10 UJ UG/L	
HERBICIDES						
2,4,5-T	0.047 U UG/L	0.047 U UG/L	0.047 U UG/L	0.047 U UG/L	0.047 U UG/L	
2,4,5-TP (SILVEX)	0.089 U UG/L	0.089 U UG/L	0.089 U UG/L	0.089 U UG/L	0.089 U UG/L	
2,4-D	0.19 U UG/L	0.19 U UG/L	0.19 U UG/L	0.19 U UG/L	0.19 U UG/L	
2,4-DB	0.20 U UG/L	0.20 U UG/L	0.20 U UG/L	0.20 U UG/L	0.20 U UG/L	
DALAPON	0.40 U UG/L	0.40 U UG/L	0.40 U UG/L	0.40 U UG/L	0.40 U UG/L	
DICAMBA	0.20 U UG/L	0.20 U UG/L	0.20 U UG/L	0.20 U UG/L	0.20 U UG/L	
DICHLOROPROP	1.0 U UG/L	1.0 U UG/L	1.0 U UG/L	1.0 U UG/L	1.0 U UG/L	
DINOSEB	0.20 U UG/L	0.20 U UG/L	0.20 U UG/L	0.20 U UG/L	0.20 U UG/L	
MCPA	100 U UG/L	100 U UG/L	100 U UG/L	100 U UG/L	100 U UG/L	
MCPP	50 U UG/L	50 U UG/L	50 U UG/L	50 U UG/L	50 U UG/L	
PENTACHLOROPHENOL	0.10 U UG/L	0.10 U UG/L	0.10 U UG/L	0.10 U UG/L	0.10 U UG/L	

SAMPLE NUMBER	NTCSW00600-D	NTCSW00700	NTCSW00800	NTCSW00900	NTCSW01000	NTCSW01002
SAMPLE DATE	7/2/97	7/1/97	7/1/97	7/2/97	7/2/97	7/1/97
PARAMETER	RESULTS	RESULTS	RESULTS	RESULTS	RESULTS	RESULTS
PESTICIDES/PCBS						
4,4'-DDD	0.033 U UG/L	0.033 U UG/L	0.033 U UG/L	0.033 U UG/L	0.033 U UG/L	
4,4'-DDE	0.023 U UG/L	0.023 U UG/L	0.023 U UG/L	0.023 U UG/L	0.023 U UG/L	
4,4'-DDT	0.025 U UG/L	0.025 U UG/L	0.025 U UG/L	0.025 U UG/L	0.025 U UG/L	
ALDRIN	0.022 U UG/L	0.022 U UG/L	0.022 U UG/L	0.022 U UG/L	0.022 U UG/L	
ALPHA-BHC	0.015 U UG/L	0.015 U UG/L	0.015 U UG/L	0.015 U UG/L	0.015 U UG/L	
ALPHA-CHLORDANE	0.022 U UG/L	0.022 U UG/L	0.022 U UG/L	0.022 U UG/L	0.022 U UG/L	
AROCLOR-1016	0.23 U UG/L					
AROCLOR-1221	0.19 U UG/L					
AROCLOR-1232	0.054 U UG/L					
AROCLOR-1242	0.025 U UG/L					
AROCLOR-1248	0.40 U UG/L					
AROCLOR-1254	0.20 U UG/L					
AROCLOR-1260	0.31 U UG/L					
BETA-BHC	0.019 U UG/L	0.019 U UG/L	0.019 U UG/L	0.019 U UG/L	0.019 U UG/L	
DELTA-BHC	0.016 U UG/L	0.016 U UG/L	0.016 U UG/L	0.016 U UG/L	0.016 U UG/L	
DIELDRIN	0.021 U UG/L	0.021 U UG/L	0.021 U UG/L	0.021 U UG/L	0.021 U UG/L	
ENDOSULFAN I	0.023 U UG/L	0.023 U UG/L	0.023 U UG/L	0.023 U UG/L	0.023 U UG/L	
ENDOSULFAN II	0.024 U UG/L	0.024 U UG/L	0.024 U UG/L	0.024 U UG/L	0.024 U UG/L	
ENDOSULFAN SULFATE	0.046 U UG/L	0.046 U UG/L	0.046 U UG/L	0.046 U UG/L	0.046 U UG/L	
ENDRIN	0.027 U UG/L	0.027 U UG/L	0.027 U UG/L	0.027 U UG/L	0.027 U UG/L	
ENDRIN ALDEHYDE	0.032 U UG/L	0.032 U UG/L	0.032 U UG/L	0.032 U UG/L	0.032 U UG/L	
ENDRIN KETONE	0.030 U UG/L	0.030 U UG/L	0.030 U UG/L	0.030 U UG/L	0.030 U UG/L	
GAMMA-BHC (LINDANE)	0.017 U UG/L	0.017 U UG/L	0.017 U UG/L	0.017 U UG/L	0.017 U UG/L	
GAMMA-CHLORDANE	0.020 U UG/L	0.020 U UG/L	0.020 U UG/L	0.020 U UG/L	0.020 U UG/L	
HEPTACHLOR	0.018 U UG/L	0.018 U UG/L	0.018 U UG/L	0.018 U UG/L	0.018 U UG/L	
HEPTACHLOR EPOXIDE	0.021 U UG/L	0.021 U UG/L	0.021 U UG/L	0.021 U UG/L	0.021 U UG/L	
METHOXYCHLOR	0.022 U UG/L	0.022 U UG/L	0.022 U UG/L	0.022 U UG/L	0.022 U UG/L	
TOXAPHENE	0.28 U UG/L	0.28 U UG/L	0.28 U UG/L	0.28 U UG/L	0.28 U UG/L	
PETROLEUM HYDROCARBONS						
DIESEL RANGE ORGANICS	0.5 U MG/L	0.5 U MG/L	0.50 U MG/L	0.5 U MG/L	0.5 U MG/L	
GASOLINE RANGE ORGANICS	0.1 U MG/L	0.1 U MG/L	0.10 U MG/L	0.1 U MG/L	0.1 U MG/L	
MISC						
ALKALINITY AS CACO3	30.2 MG/L	19.9 MG/L	61.3 MG/L	17.1 MG/L	64.4 MG/L	
HARDNESS AS CaCO3	42 MG/L	45.8 MG/L		59.2 MG/L	155 MG/L	
TOTAL DISSOLVED SOLIDS	159 MG/L	365 MG/L	90 MG/L	166 MG/L	67 MG/L	
TOTAL SUSPENDED SOLIDS	31 MG/L	85 MG/L	42 MG/L	100 MG/L	725 MG/L	

SURFACE WATER SAMPLES

SAMPLE NUMBER	NTCSW00600-D	NTCSW00700	NTCSW00800	NTCSW00900	NTCSW01000	NTCSW01002
SAMPLE DATE	7/2/97	7/1/97	7/1/97	7/2/97	7/2/97	7/1/97
PARAMETER	RESULTS	RESULTS	RESULTS	RESULTS	RESULTS	RESULTS
METALS						
ALUMINUM	249 U UG/L	908 J UG/L	472 UG/L	5700 J UG/L	22600 J UG/L	2600 UG/L
ANTIMONY	2.7 U UG/L	2.7 U UG/L	2.7 U UG/L	2.7 U UG/L	2.7 U UG/L	10.0 U UG/L
ARSENIC	4.5 U UG/L	5.4 UG/L	4.5 U UG/L	7.0 UG/L	18.4 UG/L	10.0 U UG/L
BARIUM	15.9 UG/L	11.8 UG/L	12.2 UG/L	43.0 UG/L	118 UG/L	200 U UG/L
BERYLLIUM	0.10 U UG/L	0.10 U UG/L	0.10 U UG/L	0.29 U UG/L	3.9 U UG/L	10.0 U UG/L
CADMIUM	0.50 U UG/L	0.50 U UG/L	0.50 U UG/L	0.50 U UG/L	1.8 U UG/L	10.0 U UG/L
CALCIUM	12100 UG/L	10100 UG/L	12500 UG/L	11900 UG/L	41000 UG/L	25800 UG/L
CHROMIUM	1.8 U UG/L	2.2 UG/L	1.8 U UG/L	11.2 UG/L	29.2 UG/L	10.0 U UG/L
COBALT	1.7 U UG/L	1.7 U UG/L	1.7 U UG/L	1.7 U UG/L	12.4 UG/L	50.0 U UG/L
COPPER	2.7 U UG/L	2.7 U UG/L	2.7 U UG/L	13.8 UG/L	36.2 UG/L	30.0 U UG/L
CYANIDE	0.01 UJ MG/L	0.01 UJ MG/L	0.01 UJ MG/L	0.01 UJ MG/L	0.01 UJ MG/L	
IRON	146 J UG/L	588 J UG/L	1240 UG/L	6530 J UG/L	49000 J UG/L	3200 UG/L
LEAD	1.4 U UG/L	1.4 U UG/L	1.4 U UG/L	5.7 UG/L	41.1 UG/L	10.0 UG/L
MAGNESIUM	3380 UG/L	3310 UG/L	1200 UG/L	4130 UG/L	8240 UG/L	10300 UG/L
MANGANESE	24.4 J UG/L	57.7 J UG/L	6.4 UG/L	31.6 J UG/L	1360 J UG/L	50.0 UG/L
MERCURY	0.16 U UG/L	0.16 U UG/L	0.16 U UG/L	0.16 U UG/L	0.18 UG/L	10.0 U UG/L
NICKEL	2.0 U UG/L	2.0 U UG/L	2.0 U UG/L	2.9 UG/L	9.2 UG/L	40.0 U UG/L
POTASSIUM	3190 UG/L	2640 UG/L	1160 UG/L	2830 UG/L	3240 UG/L	5000 UG/L
SELENIUM	3.7 U UG/L	3.7 U UG/L	3.7 U UG/L	3.7 U UG/L	4.0 UG/L	10.0 U UG/L
SILVER	2.0 U UG/L	2.0 U UG/L	2.0 U UG/L	2.0 U UG/L	2.0 U UG/L	10.0 U UG/L
SODIUM	14300 UG/L	16400 UG/L	5370 UG/L	20700 UG/L	13400 UG/L	22500 UG/L
THALLIUM	2.0 U UG/L	2.0 U UG/L	2.0 U UG/L	2.0 U UG/L	20.0 U UG/L	10.0 U UG/L
VANADIUM	2.0 UG/L	4.5 UG/L	1.6 U UG/L	15.0 UG/L	272 UG/L	50.0 U UG/L
ZINC	6.1 U UG/L	3.8 U UG/L	11.1 UG/L	37.9 UG/L	173 UG/L	80.0 UG/L
RADIOLOGICAL						
GROSS ALPHA	3.03 +/- 0.78 J PCI/L	-0.04 +/- 0.38 U PCI/L	5.33+/-1.03 PCI/L	13.7 +/- 2.37 J PCI/L	27.1 +/- 4.91 J PCI/L	11.0 +/- 2.03 PCI/L
GROSS BETA	3.69 +/- 0.72 PCI/L	1.19 +/- 0.55 PCI/L	2.39+/-0.63 PCI/L	7.53 +/- 1.09 PCI/L	11.5 +/- 2.70 PCI/L	7.43 +/- 1.3 PCI/L

SAMPLE NUMBER	NTCSW01100	NTCSW01200	NTCSW01300	NTCSW01400	NTCSW01500	NTCSW01600	NTCSW01600-D
LAB ID NUMBER	F2856-1	F2856-2	F2856-3	F2856-9	F2856-10	F2856-4	F2856-7
SAMPLE DATE	8/25/98	8/25/98	8/25/98	8/26/98	8/26/98	8/25/98	8/25/98
PARAMETER	RESULTS	RESULTS	RESULTS	RESULTS	RESULTS	RESULTS	RESULTS
VOLATILES							
1,1,1-TRICHLOROETHANE	2 U UG/L	2 U UG/L	2 U UG/L	2 U UG/L	2 U UG/L	2 U UG/L	2 U UG/L
1,1,2,2-TETRACHLOROETHANE	1 U UG/L	1 U UG/L	1 U UG/L	1 U UG/L	1 U UG/L	1 U UG/L	1 U UG/L
1,1,2-TRICHLOROETHANE	2 U UG/L	2 U UG/L	2 U UG/L	2 U UG/L	2 U UG/L	2 U UG/L	2 U UG/L
1,1-DICHLOROETHANE	2 U UG/L	2 U UG/L	2 U UG/L	2 U UG/L	2 U UG/L	2 U UG/L	2 U UG/L
1,1-DICHLOROETHENE	2 U UG/L	2 U UG/L	2 U UG/L	2 U UG/L	2 U UG/L	2 U UG/L	2 U UG/L
1,2-DICHLOROETHANE	2 U UG/L	2 U UG/L	2 U UG/L	2 U UG/L	2 U UG/L	2 U UG/L	2 U UG/L
1,2-DICHLOROPROPANE	2 U UG/L	2 U UG/L	2 U UG/L	2 U UG/L	2 U UG/L	2 U UG/L	2 U UG/L
2-BUTANONE	10 UR UG/L	10 UR UG/L	10 UR UG/L	10 UR UG/L	10 UR UG/L	10 UR UG/L	10 UR UG/L
2-HEXANONE	10 U UG/L	10 U UG/L	10 U UG/L	10 U UG/L	10 U UG/L	10 U UG/L	10 U UG/L
4-METHYL-2-PENTANONE	10 U UG/L	10 U UG/L	10 U UG/L	10 U UG/L	10 U UG/L	10 U UG/L	10 U UG/L
ACETONE	50 UR UG/L	50 UR UG/L	50 UR UG/L	50 UR UG/L	50 UR UG/L	50 UR UG/L	50 UR UG/L
BENZENE	1 U UG/L	1 U UG/L	1 U UG/L	1 U UG/L	1 U UG/L	1 U UG/L	1 U UG/L
BROMODICHLOROMETHANE	1 U UG/L	1 U UG/L	1 U UG/L	1 U UG/L	1 U UG/L	1 U UG/L	1 U UG/L
BROMOFORM	2 U UG/L	2 U UG/L	2 U UG/L	2 U UG/L	2 U UG/L	2 U UG/L	2 U UG/L
BROMOMETHANE	5 U UG/L	5 U UG/L	5 U UG/L	5 U UG/L	5 U UG/L	5 U UG/L	5 U UG/L
CARBON DISULFIDE	10 U UG/L	10 U UG/L	10 U UG/L	10 U UG/L	10 U UG/L	10 U UG/L	10 U UG/L
CARBON TETRACHLORIDE	2 U UG/L	2 U UG/L	2 U UG/L	2 U UG/L	2 U UG/L	2 U UG/L	2 U UG/L
CHLOROBENZENE	2 U UG/L	2 U UG/L	2 U UG/L	2 U UG/L	2 U UG/L	2 U UG/L	2 U UG/L
CHLOROETHANE	2 U UG/L	2 U UG/L	2 U UG/L	2 U UG/L	2 U UG/L	2 U UG/L	2 U UG/L
CHLOROFORM	2 U UG/L	2 U UG/L	2 U UG/L	2 U UG/L	2 U UG/L	2 U UG/L	2 U UG/L
CHLOROMETHANE	2 U UG/L	2 U UG/L	2 U UG/L	2 U UG/L	2 U UG/L	2 U UG/L	2 U UG/L
CIS-1,2-DICHLOROETHENE	2 U UG/L	2 U UG/L	2 U UG/L	2 U UG/L	2 U UG/L	2 U UG/L	2 U UG/L
CIS-1,3-DICHLOROPROPENE	2 U UG/L	2 U UG/L	2 U UG/L	2 U UG/L	2 U UG/L	2 U UG/L	2 U UG/L
DIBROMOCHLOROMETHANE	1 U UG/L	1 U UG/L	1 U UG/L	1 U UG/L	1 U UG/L	1 U UG/L	1 U UG/L
ETHYLBENZENE	2 U UG/L	2 U UG/L	2 U UG/L	2 U UG/L	2 U UG/L	2 U UG/L	2 U UG/L
METHYLENE CHLORIDE	5 U UG/L	5 U UG/L	5 U UG/L	5 U UG/L	5 U UG/L	5 U UG/L	5 U UG/L
STYRENE	2 U UG/L	2 U UG/L	2 U UG/L	2 U UG/L	2 U UG/L	2 U UG/L	2 U UG/L
TETRACHLOROETHENE	2 U UG/L	2 U UG/L	2 U UG/L	2 U UG/L	2 U UG/L	2 U UG/L	2 U UG/L
TOLUENE	16.3 UG/L	2 U UG/L	2 U UG/L	2 U UG/L	2 U UG/L	2 U UG/L	2 U UG/L
TRANS-1,2-DICHLOROETHENE	2 U UG/L	2 U UG/L	2 U UG/L	2 U UG/L	2 U UG/L	2 U UG/L	2 U UG/L
TRANS-1,3-DICHLOROPROPENE	1 U UG/L	1 U UG/L	1 U UG/L	1 U UG/L	1 U UG/L	1 U UG/L	1 U UG/L
TRICHLOROETHENE	2 U UG/L	2 U UG/L	2 U UG/L	2 U UG/L	2 U UG/L	2 U UG/L	2 U UG/L
VINYL CHLORIDE	1 U UG/L	1 U UG/L	1 U UG/L	1 U UG/L	1 U UG/L	1 U UG/L	1 U UG/L
XYLENES, TOTAL	6 U UG/L	6 U UG/L	6 U UG/L	6 U UG/L	6 U UG/L	6 U UG/L	6 U UG/L
SEMIVOLATILES							

SAMPLE NUMBER	NTCSW01100	NTCSW01200	NTCSW01300	NTCSW01400	NTCSW01500	NTCSW01600	NTCSW01600-D
LAB ID NUMBER	F2856-1	F2856-2	F2856-3	F2856-9	F2856-10	F2856-4	F2856-7
SAMPLE DATE	8/25/98	8/25/98	8/25/98	8/26/98	8/26/98	8/25/98	8/25/98
PARAMETER	RESULTS	RESULTS	RESULTS	RESULTS	RESULTS	RESULTS	RESULTS
1,2,4-TRICHLOROBENZENE	10 U UG/L	10 U UG/L	10 U UG/L	10 U UG/L	10 U UG/L	10 U UG/L	10 U UG/L
1,2-DICHLOROBENZENE	10 U UG/L	10 U UG/L	10 U UG/L	10 U UG/L	10 U UG/L	10 U UG/L	10 U UG/L
1,3-DICHLOROBENZENE	10 U UG/L	10 U UG/L	10 U UG/L	10 U UG/L	10 U UG/L	10 U UG/L	10 U UG/L
1,4-DICHLOROBENZENE	10 U UG/L	10 U UG/L	10 U UG/L	10 U UG/L	10 U UG/L	10 U UG/L	10 U UG/L
2,4,5-TRICHLOROPHENOL	4 U UG/L	4 U UG/L	4 U UG/L	4 U UG/L	4 U UG/L	4 U UG/L	4 U UG/L
2,4,6-TRICHLOROPHENOL	4 U UG/L	4 U UG/L	4 U UG/L	4 U UG/L	4 U UG/L	4 U UG/L	4 U UG/L
2,4-DICHLOROPHENOL	4 U UG/L	4 U UG/L	4 U UG/L	4 U UG/L	4 U UG/L	4 U UG/L	4 U UG/L
2,4-DIMETHYLPHENOL	10 U UG/L	10 U UG/L	10 U UG/L	10 U UG/L	10 U UG/L	10 U UG/L	10 U UG/L
2,4-DINITROPHENOL	25 U UG/L	25 U UG/L	25 U UG/L	25 U UG/L	25 U UG/L	25 U UG/L	25 U UG/L
2,4-DINITROTOLUENE	0.2 UJ UG/L	0.2 UJ UG/L	0.2 UJ UG/L	0.2 UJ UG/L	0.2 UJ UG/L	0.2 UJ UG/L	0.2 UJ UG/L
2,6-DINITROTOLUENE	0.2 U UG/L	0.2 U UG/L	0.2 U UG/L	0.2 U UG/L	0.2 U UG/L	0.2 U UG/L	0.2 U UG/L
2-CHLORONAPHTHALENE	10 U UG/L	10 U UG/L	10 U UG/L	10 U UG/L	10 U UG/L	10 U UG/L	10 U UG/L
2-CHLOROPHENOL	10 U UG/L	10 U UG/L	10 U UG/L	10 U UG/L	10 U UG/L	10 U UG/L	10 U UG/L
2-METHYLNAPHTHALENE	10 U UG/L	10 U UG/L	10 U UG/L	10 U UG/L	10 U UG/L	10 U UG/L	10 U UG/L
2-METHYLPHENOL	10 U UG/L	10 U UG/L	10 U UG/L	10 U UG/L	10 U UG/L	10 U UG/L	10 U UG/L
2-NITROANILINE	7.5 U UG/L	7.5 U UG/L	7.5 U UG/L	7.5 U UG/L	7.5 U UG/L	7.5 U UG/L	7.5 U UG/L
2-NITROPHENOL	10 U UG/L	10 U UG/L	10 U UG/L	10 U UG/L	10 U UG/L	10 U UG/L	10 U UG/L
3&4-METHYLPHENOL	10 U UG/L	10 U UG/L	10 U UG/L	10 U UG/L	10 U UG/L	10 U UG/L	10 U UG/L
3,3'-DICHLOROBENZIDINE	7.5 U UG/L	7.5 U UG/L	7.5 U UG/L	7.5 U UG/L	7.5 U UG/L	7.5 U UG/L	7.5 U UG/L
3-NITROANILINE	7.5 U UG/L	7.5 U UG/L	7.5 U UG/L	7.5 U UG/L	7.5 U UG/L	7.5 U UG/L	7.5 U UG/L
4,6-DINITRO-2-METHYLPHENOL	10 U UG/L	10 U UG/L	10 U UG/L	10 U UG/L	10 U UG/L	10 U UG/L	10 U UG/L
4-BROMOPHENYL PHENYL ETHER	10 U UG/L	10 U UG/L	10 U UG/L	10 U UG/L	10 U UG/L	10 U UG/L	10 U UG/L
4-CHLORO-3-METHYLPHENOL	10 U UG/L	10 U UG/L	10 U UG/L	10 U UG/L	10 U UG/L	10 U UG/L	10 U UG/L
4-CHLOROANILINE	10 U UG/L	10 U UG/L	10 U UG/L	10 U UG/L	10 U UG/L	10 U UG/L	10 U UG/L
4-CHLOROPHENYL PHENYL ETHER	10 U UG/L	10 U UG/L	10 U UG/L	10 U UG/L	10 U UG/L	10 U UG/L	10 U UG/L
4-NITROANILINE	7.5 U UG/L	7.5 U UG/L	7.5 U UG/L	7.5 U UG/L	7.5 U UG/L	7.5 U UG/L	7.5 U UG/L
4-NITROPHENOL	15 U UG/L	15 U UG/L	15 U UG/L	15 U UG/L	15 U UG/L	15 U UG/L	15 U UG/L
ACENAPHTHENE	10 U UG/L	10 U UG/L	10 U UG/L	10 U UG/L	10 U UG/L	10 U UG/L	10 U UG/L
ACENAPHTHYLENE	10 U UG/L	10 U UG/L	10 U UG/L	10 U UG/L	10 U UG/L	10 U UG/L	10 U UG/L
ANTHRACENE	10 U UG/L	10 U UG/L	10 U UG/L	10 U UG/L	10 U UG/L	10 U UG/L	10 U UG/L
BENZO(A)ANTHRACENE	0.2 U UG/L	0.2 U UG/L	0.2 U UG/L	0.2 U UG/L	0.2 U UG/L	0.2 U UG/L	0.2 U UG/L
BENZO(A)PYRENE	0.2 U UG/L	0.2 U UG/L	0.2 U UG/L	0.2 U UG/L	0.2 U UG/L	0.2 U UG/L	0.2 U UG/L
BENZO(B)FLUORANTHENE	0.2 U UG/L	0.2 U UG/L	0.2 U UG/L	0.2 U UG/L	0.2 U UG/L	0.2 U UG/L	0.2 U UG/L
BENZO(G,H,I)PERYLENE	10 U UG/L	10 U UG/L	10 U UG/L	10 U UG/L	10 U UG/L	10 U UG/L	10 U UG/L
BENZO(K)FLUORANTHENE	0.2 U UG/L	0.2 U UG/L	0.2 U UG/L	0.2 U UG/L	0.2 U UG/L	0.2 U UG/L	0.2 U UG/L
BIS(2-CHLOROETHOXY)METHANE	10 U UG/L	10 U UG/L	10 U UG/L	10 U UG/L	10 U UG/L	10 U UG/L	10 U UG/L

SAMPLE NUMBER	NTCSW01100	NTCSW01200	NTCSW01300	NTCSW01400	NTCSW01500	NTCSW01600	NTCSW01600-D
LAB ID NUMBER	F2856-1	F2856-2	F2856-3	F2856-9	F2856-10	F2856-4	F2856-7
SAMPLE DATE	8/25/98	8/25/98	8/25/98	8/26/98	8/26/98	8/25/98	8/25/98
PARAMETER	RESULTS	RESULTS	RESULTS	RESULTS	RESULTS	RESULTS	RESULTS
BIS(2-CHLOROETHYL)ETHER	1.5 U UG/L	1.5 U UG/L	1.5 U UG/L	1.5 U UG/L	1.5 U UG/L	1.5 U UG/L	1.5 U UG/L
BIS(2-CHLOROISOPROPYL) ETHER	7.5 U UG/L	7.5 U UG/L	7.5 U UG/L	7.5 U UG/L	7.5 U UG/L	7.5 U UG/L	7.5 U UG/L
BIS(2-ETHYLHEXYL)PHTHALATE	6 U UG/L	6 U UG/L	6 U UG/L	6 U UG/L	6 U UG/L	6 U UG/L	6 U UG/L
BUTYLBENZYL PHTHALATE	10 U UG/L	10 U UG/L	10 U UG/L	10 U UG/L	10 U UG/L	10 U UG/L	10 U UG/L
CARBAZOLE	7.5 U UG/L	7.5 U UG/L	7.5 U UG/L	7.5 U UG/L	7.5 U UG/L	7.5 U UG/L	7.5 U UG/L
CHRYSENE	5 U UG/L	5 U UG/L	5 U UG/L	5 U UG/L	5 U UG/L	5 U UG/L	5 U UG/L
DI-N-BUTYL PHTHALATE	10 U UG/L	10 U UG/L	10 U UG/L	10 U UG/L	10 U UG/L	10 U UG/L	10 U UG/L
DI-N-OCTYL PHTHALATE	10 U UG/L	10 U UG/L	10 U UG/L	10 U UG/L	10 U UG/L	10 U UG/L	10 U UG/L
DIBENZO(A,H)ANTHRACENE	0.2 U UG/L	0.2 U UG/L	0.2 U UG/L	0.2 U UG/L	0.2 U UG/L	0.2 U UG/L	0.2 U UG/L
DIBENZOFURAN	10 U UG/L	10 U UG/L	10 U UG/L	10 U UG/L	10 U UG/L	10 U UG/L	10 U UG/L
DIETHYL PHTHALATE	10 U UG/L	10 U UG/L	10 U UG/L	10 U UG/L	10 U UG/L	10 U UG/L	10 U UG/L
DIMETHYL PHTHALATE	10 U UG/L	10 U UG/L	10 U UG/L	10 U UG/L	10 U UG/L	10 U UG/L	10 U UG/L
FLUORANTHENE	10 U UG/L	10 U UG/L	10 U UG/L	10 U UG/L	10 U UG/L	10 U UG/L	10 U UG/L
FLUORENE	10 U UG/L	10 U UG/L	10 U UG/L	10 U UG/L	10 U UG/L	10 U UG/L	10 U UG/L
HEXACHLOROBENZENE	1 U UG/L	1 U UG/L	1 U UG/L	1 U UG/L	1 U UG/L	1 U UG/L	1 U UG/L
HEXACHLOROBUTADIENE	10 U UG/L	10 U UG/L	10 U UG/L	10 U UG/L	10 U UG/L	10 U UG/L	10 U UG/L
HEXACHLOROCYCLOPENTADIENE	10 U UG/L	10 U UG/L	10 U UG/L	10 U UG/L	10 U UG/L	10 U UG/L	10 U UG/L
HEXACHLOROETHANE	10 U UG/L	10 U UG/L	10 U UG/L	10 U UG/L	10 U UG/L	10 U UG/L	10 U UG/L
INDENO(1,2,3-CD)PYRENE	0.2 U UG/L	0.2 U UG/L	0.2 U UG/L	0.2 U UG/L	0.2 U UG/L	0.2 U UG/L	0.2 U UG/L
ISOPHORONE	10 U UG/L	10 U UG/L	10 U UG/L	10 U UG/L	10 U UG/L	10 U UG/L	10 U UG/L
N-NITROSO-DI-N-PROPYLAMINE	1 U UG/L	1 U UG/L	1 U UG/L	1 U UG/L	1 U UG/L	1 U UG/L	1 U UG/L
N-NITROSODIPHENYLAMINE	7.5 U UG/L	7.5 U UG/L	7.5 U UG/L	7.5 U UG/L	7.5 U UG/L	7.5 U UG/L	7.5 U UG/L
NAPHTHALENE	5 U UG/L	5 U UG/L	5 U UG/L	5 U UG/L	5 U UG/L	5 U UG/L	5 U UG/L
NITROBENZENE	10 U UG/L	10 U UG/L	10 U UG/L	10 U UG/L	10 U UG/L	10 U UG/L	10 U UG/L
PHENANTHRENE	10 U UG/L	10 U UG/L	10 U UG/L	10 U UG/L	10 U UG/L	10 U UG/L	10 U UG/L
PHENOL	10 U UG/L	10 U UG/L	10 U UG/L	10 U UG/L	10 U UG/L	10 U UG/L	10 U UG/L
PYRENE	10 U UG/L	10 U UG/L	10 U UG/L	10 U UG/L	10 U UG/L	10 U UG/L	10 U UG/L
HERBICIDES							
2,4,5-T	0.047 U UG/L	0.047 U UG/L	0.047 U UG/L	0.047 U UG/L	0.047 U UG/L	0.047 U UG/L	0.047 U UG/L
2,4,5-TP (SILVEX)	0.089 U UG/L	0.089 U UG/L	0.089 U UG/L	0.089 U UG/L	0.089 U UG/L	0.089 U UG/L	0.089 U UG/L
2,4-D	0.19 U UG/L	0.19 U UG/L	0.19 U UG/L	0.19 U UG/L	0.19 U UG/L	0.19 U UG/L	0.19 U UG/L
2,4-DB	0.2 U UG/L	0.2 U UG/L	0.2 U UG/L	0.2 U UG/L	0.2 U UG/L	0.2 U UG/L	0.2 U UG/L
DALAPON	0.4 U UG/L	0.4 U UG/L	0.4 U UG/L	0.4 U UG/L	0.4 U UG/L	0.4 U UG/L	0.4 U UG/L
DICAMBA	0.2 U UG/L	0.2 U UG/L	0.2 U UG/L	0.2 U UG/L	0.2 U UG/L	0.2 U UG/L	0.2 U UG/L
DICHLOROPROP	1 U UG/L	1 U UG/L	1 U UG/L	1 U UG/L	1 U UG/L	1 U UG/L	1 U UG/L
DINOSEB	0.2 U UG/L	0.2 U UG/L	0.2 U UG/L	0.2 U UG/L	0.2 U UG/L	0.2 U UG/L	0.2 U UG/L

SAMPLE NUMBER	NTCSW01100	NTCSW01200	NTCSW01300	NTCSW01400	NTCSW01500	NTCSW01600	NTCSW01600-D
LAB ID NUMBER	F2856-1	F2856-2	F2856-3	F2856-9	F2856-10	F2856-4	F2856-7
SAMPLE DATE	8/25/98	8/25/98	8/25/98	8/26/98	8/26/98	8/25/98	8/25/98
PARAMETER	RESULTS	RESULTS	RESULTS	RESULTS	RESULTS	RESULTS	RESULTS
MCPA	100 U UG/L	100 U UG/L	100 U UG/L	100 U UG/L	100 U UG/L	100 U UG/L	100 U UG/L
MCPP	50 U UG/L	50 U UG/L	50 U UG/L	50 U UG/L	50 U UG/L	50 U UG/L	50 U UG/L
PENTACHLOROPHENOL	0.1 U UG/L	0.1 U UG/L	0.1 U UG/L	0.1 U UG/L	0.1 U UG/L	0.1 U UG/L	0.1 U UG/L
PESTICIDES/PCBS							
4,4'-DDD	0.10 UJ UG/L	0.10 U UG/L	0.10 UJ UG/L	0.10 U UG/L	0.10 U UG/L	0.10 U UG/L	0.10 U UG/L
4,4'-DDE	0.10 UJ UG/L	0.10 U UG/L	0.10 UJ UG/L	0.10 U UG/L	0.10 U UG/L	0.10 U UG/L	0.10 U UG/L
4,4'-DDT	0.10 UJ UG/L	0.10 UJ UG/L	0.10 UJ UG/L	0.10 UJ UG/L	0.10 UJ UG/L	0.10 UJ UG/L	0.10 UJ UG/L
ALDRIN	0.050 UJ UG/L	0.050 U UG/L	0.050 UJ UG/L	0.050 U UG/L	0.050 U UG/L	0.050 U UG/L	0.050 U UG/L
ALPHA-BHC	0.050 UJ UG/L	0.050 U UG/L	0.050 UJ UG/L	0.050 U UG/L	0.050 U UG/L	0.050 U UG/L	0.050 U UG/L
ALPHA-CHLORDANE	0.10 UJ UG/L	0.10 U UG/L	0.10 UJ UG/L	0.10 U UG/L	0.10 U UG/L	0.10 U UG/L	0.10 U UG/L
BETA-BHC	0.10 UJ UG/L	0.10 U UG/L	0.10 UJ UG/L	0.10 U UG/L	0.10 U UG/L	0.10 U UG/L	0.10 U UG/L
DELTA-BHC	0.050 UJ UG/L	0.050 U UG/L	0.050 UJ UG/L	0.050 U UG/L	0.050 U UG/L	0.050 U UG/L	0.050 U UG/L
DIELDRIN	0.10 UJ UG/L	0.10 U UG/L	0.10 UJ UG/L	0.10 U UG/L	0.10 U UG/L	0.10 U UG/L	0.10 U UG/L
ENDOSULFAN I	0.050 UJ UG/L	0.050 U UG/L	0.050 UJ UG/L	0.050 U UG/L	0.050 U UG/L	0.050 U UG/L	0.050 U UG/L
ENDOSULFAN II	0.10 UJ UG/L	0.10 U UG/L	0.10 UJ UG/L	0.10 U UG/L	0.10 U UG/L	0.10 U UG/L	0.10 U UG/L
ENDOSULFAN SULFATE	0.10 UJ UG/L	0.10 U UG/L	0.10 UJ UG/L	0.10 U UG/L	0.10 U UG/L	0.10 U UG/L	0.10 U UG/L
ENDRIN	0.10 UJ UG/L	0.10 U UG/L	0.10 UJ UG/L	0.10 U UG/L	0.10 U UG/L	0.10 U UG/L	0.10 U UG/L
ENDRIN ALDEHYDE	0.10 UJ UG/L	0.10 U UG/L	0.10 UJ UG/L	0.10 U UG/L	0.10 U UG/L	0.10 U UG/L	0.10 U UG/L
ENDRIN KETONE	0.10 UJ UG/L	0.10 U UG/L	0.10 UJ UG/L	0.10 U UG/L	0.10 U UG/L	0.10 U UG/L	0.10 U UG/L
GAMMA-BHC (LINDANE)	0.050 UJ UG/L	0.050 U UG/L	0.050 UJ UG/L	0.050 U UG/L	0.050 U UG/L	0.050 U UG/L	0.050 U UG/L
GAMMA-CHLORDANE	0.10 UJ UG/L	0.10 U UG/L	0.10 UJ UG/L	0.10 U UG/L	0.10 U UG/L	0.10 U UG/L	0.10 U UG/L
HEPTACHLOR	0.050 UJ UG/L	0.050 U UG/L	0.050 UJ UG/L	0.050 U UG/L	0.050 U UG/L	0.050 U UG/L	0.050 U UG/L
HEPTACHLOR EPOXIDE	0.050 UJ UG/L	0.050 U UG/L	0.050 UJ UG/L	0.050 U UG/L	0.050 U UG/L	0.050 U UG/L	0.050 U UG/L
METHOXYCHLOR	0.50 UJ UG/L	0.50 UJ UG/L	0.50 UJ UG/L	0.50 UJ UG/L	0.50 UJ UG/L	0.50 UJ UG/L	0.50 UJ UG/L
TOXAPHENE	2.5 UJ UG/L	2.5 U UG/L	2.5 UJ UG/L	2.5 U UG/L	2.5 U UG/L	2.5 U UG/L	2.5 U UG/L
PETROLEUM HYDROCARBONS							
TPH (C8-C40)	0.5 U MG/L	0.5 U MG/L	0.5 U MG/L	0.5 U MG/L	0.5 U MG/L	0.5 U MG/L	0.5 U MG/L
MISC							
CYANIDE	0.005 U MG/L	0.005 U MG/L	0.005 U MG/L	0.005 U MG/L	0.005 U MG/L	0.005 U MG/L	0.005 U MG/L
TOTAL ORGANIC CARBON	25.7 MG/L	13.1 MG/L	58.9 MG/L	16.7 MG/L	30.5 MG/L	12.6 MG/L	15.4 MG/L
METALS							
ALUMINUM	233 U UG/L	2740 UG/L	825 UG/L	2110 UG/L	18200 UG/L	672 U UG/L	1090 UG/L
ANTIMONY	3.8 U UG/L	3.8 U UG/L	3.8 U UG/L	3.8 U UG/L	3.8 U UG/L	3.8 U UG/L	3.8 U UG/L
ARSENIC	3.1 U UG/L	3.1 U UG/L	3.1 U UG/L	3.1 U UG/L	3.1 U UG/L	3.1 U UG/L	3.1 U UG/L
BARIUM	11.5 UG/L	53.5 UG/L	67.4 UG/L	49.0 UG/L	117 UG/L	16.7 UG/L	16.7 UG/L
BERYLLIUM	0.55 U UG/L	0.61 U UG/L	0.61 U UG/L	1.2 U UG/L	2.2 U UG/L	0.62 U UG/L	0.90 U UG/L

SURFACE WATER SAMPLES

SAMPLE NUMBER	NTCSW01100	NTCSW01200	NTCSW01300	NTCSW01400	NTCSW01500	NTCSW01600	NTCSW01600-D
LAB ID NUMBER	F2856-1	F2856-2	F2856-3	F2856-9	F2856-10	F2856-4	F2856-7
SAMPLE DATE	8/25/98	8/25/98	8/25/98	8/26/98	8/26/98	8/25/98	8/25/98
PARAMETER	RESULTS	RESULTS	RESULTS	RESULTS	RESULTS	RESULTS	RESULTS
CADMIUM	0.50 U UG/L	0.50 U UG/L	0.50 U UG/L	0.50 U UG/L	0.88 U UG/L	0.50 U UG/L	0.50 U UG/L
CALCIUM	11900 UG/L	24900 UG/L	16400 UG/L	20200 UG/L	23400 UG/L	19600 UG/L	20500 UG/L
CHROMIUM	3.6 U UG/L	6.4 U UG/L	5.9 U UG/L	9.4 U UG/L	25.0 U UG/L	3.0 U UG/L	3.2 U UG/L
COBALT	1.2 U UG/L	2.0 U UG/L	1.2 U UG/L	0.86 U UG/L	3.8 U UG/L	0.71 U UG/L	0.71 U UG/L
COPPER	5.8 UG/L	10.2 UG/L	5.7 UG/L	6.5 UG/L	32.9 UG/L	4.2 UG/L	5.8 UG/L
IRON	7090 UG/L	4150 UG/L	4680 UG/L	2140 UG/L	12000 UG/L	4850 UG/L	3680 UG/L
LEAD	5.3 U UG/L	12.6 U UG/L	5.6 U UG/L	6.6 U UG/L	34.9 UG/L	8.6 U UG/L	7.6 U UG/L
MAGNESIUM	2710 UG/L	4350 UG/L	4510 UG/L	4210 UG/L	3200 UG/L	1370 UG/L	1520 UG/L
MANGANESE	49.9 UG/L	54.3 UG/L	77.9 UG/L	11.1 U UG/L	47.7 UG/L	14.9 UG/L	11.6 U UG/L
MERCURY	0.15 UG/L	0.12 UG/L	0.2 U UG/L	0.16 UG/L	0.20 U UG/L	0.20 U UG/L	0.20 U UG/L
NICKEL	3.5 U UG/L	8.5 U UG/L	6.9 U UG/L	2.8 U UG/L	8.8 U UG/L	1.8 U UG/L	1.6 U UG/L
POTASSIUM	650 U UG/L	1020 UG/L	6070 UG/L	1190 UG/L	1430 UG/L	466 U UG/L	426 U UG/L
SELENIUM	4.8 U UG/L	4.0 U UG/L	3.1 U UG/L	2.3 U UG/L	5.5 U UG/L	2.4 U UG/L	2.3 U UG/L
SILVER	1.8 U UG/L	1.8 U UG/L	1.8 U UG/L	1.8 U UG/L	1.8 U UG/L	1.8 U UG/L	1.8 U UG/L
SODIUM	5130 UG/L	14100 UG/L	30300 UG/L	14600 UG/L	8040 UG/L	5370 UG/L	5590 UG/L
THALLIUM	3.9 U UG/L	3.9 U UG/L	3.9 U UG/L	3.9 U UG/L	3.9 U UG/L	3.9 U UG/L	3.9 U UG/L
VANADIUM	1.4 U UG/L	12.0 UG/L	6.0 U UG/L	5.9 U UG/L	33.3 UG/L	4.0 U UG/L	4.1 U UG/L
ZINC	95.2 UG/L	310 UG/L	117 UG/L	82.4 UG/L	276 UG/L	565 UG/L	61.7 UG/L
RADIOLOGICAL							
COBALT-60							
GROSS ALPHA	0.0+/-0.5 U pCi/L	0.0+/-0.8 U pCi/L	1.9+/-1.3 pCi/L	4.9+/-1.0 pCi/L	5.5+/-1.0 pCi/L	0.0+/-0.6 U pCi/L	0.0+/-0.6 U pCi/L
GROSS BETA	0.1+/-0.8 U pCi/L	0.1+/-0.9 U pCi/L	10.7+/-1.3 pCi/L	2.0+/-1.0 pCi/L	4.1+/-1.0 pCi/L	0.7+/-0.9 U pCi/L	0.0+/-0.9 U pCi/L

SAMPLE NUMBER	NTCSW01700	NTCSW01800	NTCSW01900	NTCSW01900-D	NTCSW02000	NTCSW02100	NTCSW02200
LAB ID NUMBER	F2856-5	F2856-15	F2856-6	F2856-13	F2856-16	F2856-11	F2856-12
SAMPLE DATE	8/25/98	8/27/98	8/25/98	8/26/98	8/27/98	8/26/98	8/26/98
PARAMETER	RESULTS	RESULTS	RESULTS	RESULTS	RESULTS	RESULTS	RESULTS
VOLATILES							
1,1,1-TRICHLOROETHANE	2 U UG/L	2 U UG/L	2 U UG/L	2 U UG/L	2 U UG/L	2 U UG/L	2 U UG/L
1,1,2,2-TETRACHLOROETHANE	1 U UG/L	1 U UG/L	1 U UG/L	1 U UG/L	1 U UG/L	1 U UG/L	1 U UG/L
1,1,2-TRICHLOROETHANE	2 U UG/L	2 U UG/L	2 U UG/L	2 U UG/L	2 U UG/L	2 U UG/L	2 U UG/L
1,1-DICHLOROETHANE	2 U UG/L	2 U UG/L	2 U UG/L	2 U UG/L	2 U UG/L	2 U UG/L	2 U UG/L
1,1-DICHLOROETHENE	2 U UG/L	2 U UG/L	2 U UG/L	2 U UG/L	2 U UG/L	2 U UG/L	2 U UG/L
1,2-DICHLOROETHANE	2 U UG/L	2 U UG/L	2 U UG/L	2 U UG/L	2 U UG/L	2 U UG/L	2 U UG/L
1,2-DICHLOROPROPANE	2 U UG/L	2 U UG/L	2 U UG/L	2 U UG/L	2 U UG/L	2 U UG/L	2 U UG/L
2-BUTANONE	10 UR UG/L	10 UR UG/L	10 UR UG/L	10 UR UG/L	10 UR UG/L	10 UR UG/L	10 UR UG/L
2-HEXANONE	10 U UG/L	10 U UG/L	10 U UG/L	10 U UG/L	10 U UG/L	10 U UG/L	10 U UG/L
4-METHYL-2-PENTANONE	10 U UG/L	10 U UG/L	10 U UG/L	10 U UG/L	10 U UG/L	10 U UG/L	10 U UG/L
ACETONE	50 UR UG/L	50 UR UG/L	50 UR UG/L	50 UR UG/L	50 UR UG/L	50 UR UG/L	50 UR UG/L
BENZENE	1 U UG/L	1 U UG/L	1 U UG/L	1 U UG/L	1 U UG/L	1 U UG/L	1 U UG/L
BROMODICHLOROMETHANE	1 U UG/L	1 U UG/L	1 U UG/L	1 U UG/L	1 U UG/L	1 U UG/L	1 U UG/L
BROMOFORM	2 U UG/L	2 U UG/L	2 U UG/L	2 U UG/L	2 U UG/L	2 U UG/L	2 U UG/L
BROMOMETHANE	5 U UG/L	5 U UG/L	5 U UG/L	5 U UG/L	5 U UG/L	5 U UG/L	5 U UG/L
CARBON DISULFIDE	10 U UG/L	10 U UG/L	10 U UG/L	10 U UG/L	10 U UG/L	10 U UG/L	10 U UG/L
CARBON TETRACHLORIDE	2 U UG/L	2 UJ UG/L	2 U UG/L	2 U UG/L	2 UJ UG/L	2 U UG/L	2 U UG/L
CHLOROBENZENE	2 U UG/L	2 U UG/L	2 U UG/L	2 U UG/L	2 U UG/L	2 U UG/L	2 U UG/L
CHLOROETHANE	2 U UG/L	2 U UG/L	2 U UG/L	2 U UG/L	2 U UG/L	2 U UG/L	2 U UG/L
CHLOROFORM	2 U UG/L	2 U UG/L	2 U UG/L	2 U UG/L	2 U UG/L	2 U UG/L	2 U UG/L
CHLOROMETHANE	2 U UG/L	2 UJ UG/L	2 U UG/L	2 U UG/L	2 UJ UG/L	2 U UG/L	2 U UG/L
CIS-1,2-DICHLOROETHENE	2 U UG/L	2 U UG/L	2 U UG/L	2 U UG/L	2 U UG/L	2 U UG/L	2 U UG/L
CIS-1,3-DICHLOROPROPENE	2 U UG/L	2 U UG/L	2 U UG/L	2 U UG/L	2 U UG/L	2 U UG/L	2 U UG/L
DIBROMOCHLOROMETHANE	1 U UG/L	1 U UG/L	1 U UG/L	1 U UG/L	1 U UG/L	1 U UG/L	1 U UG/L
ETHYLBENZENE	2 U UG/L	2 U UG/L	2 U UG/L	2 U UG/L	2 U UG/L	2 U UG/L	2 U UG/L
METHYLENE CHLORIDE	5 U UG/L	5 U UG/L	5 U UG/L	5 U UG/L	5 U UG/L	5 U UG/L	5 U UG/L
STYRENE	2 U UG/L	2 U UG/L	2 U UG/L	2 U UG/L	2 U UG/L	2 U UG/L	2 U UG/L
TETRACHLOROETHENE	2 U UG/L	2 U UG/L	2 U UG/L	2 U UG/L	2 U UG/L	2 U UG/L	2 U UG/L
TOLUENE	2 U UG/L	2 U UG/L	2 U UG/L	2 U UG/L	2 U UG/L	2 U UG/L	2 U UG/L
TRANS-1,2-DICHLOROETHENE	2 U UG/L	2 U UG/L	2 U UG/L	2 U UG/L	2 U UG/L	2 U UG/L	2 U UG/L
TRANS-1,3-DICHLOROPROPENE	1 U UG/L	1 U UG/L	1 U UG/L	1 U UG/L	1 U UG/L	1 U UG/L	1 U UG/L
TRICHLOROETHENE	2 U UG/L	2 U UG/L	2 U UG/L	2 U UG/L	2 U UG/L	2 U UG/L	2 U UG/L
VINYL CHLORIDE	1 U UG/L	1 U UG/L	1 U UG/L	1 U UG/L	1 U UG/L	1 U UG/L	1 U UG/L
XYLENES, TOTAL	6 U UG/L	6 U UG/L	6 U UG/L	6 U UG/L	6 U UG/L	6 U UG/L	6 U UG/L
SEMIVOLATILES							

SAMPLE NUMBER	NTCSW01700	NTCSW01800	NTCSW01900	NTCSW01900-D	NTCSW02000	NTCSW02100	NTCSW02200
LAB ID NUMBER	F2856-5	F2856-15	F2856-6	F2856-13	F2856-16	F2856-11	F2856-12
SAMPLE DATE	8/25/98	8/27/98	8/25/98	8/26/98	8/27/98	8/26/98	8/26/98
PARAMETER	RESULTS	RESULTS	RESULTS	RESULTS	RESULTS	RESULTS	RESULTS
1,2,4-TRICHLOROBENZENE	10 U UG/L	10 U UG/L	10 U UG/L	10 U UG/L	10 U UG/L	10 U UG/L	10 U UG/L
1,2-DICHLOROBENZENE	10 U UG/L	10 U UG/L	10 U UG/L	10 U UG/L	10 U UG/L	10 U UG/L	10 U UG/L
1,3-DICHLOROBENZENE	10 U UG/L	10 U UG/L	10 U UG/L	10 U UG/L	10 U UG/L	10 U UG/L	10 U UG/L
1,4-DICHLOROBENZENE	10 U UG/L	10 U UG/L	10 U UG/L	10 U UG/L	10 U UG/L	10 U UG/L	10 U UG/L
2,4,5-TRICHLOROPHENOL	4 U UG/L	4 U UG/L	4 U UG/L	4 U UG/L	4 U UG/L	4 U UG/L	4 U UG/L
2,4,6-TRICHLOROPHENOL	4 U UG/L	4 U UG/L	4 U UG/L	4 U UG/L	4 U UG/L	4 U UG/L	4 U UG/L
2,4-DICHLOROPHENOL	4 U UG/L	4 U UG/L	4 U UG/L	4 U UG/L	4 U UG/L	4 U UG/L	4 U UG/L
2,4-DIMETHYLPHENOL	10 U UG/L	10 U UG/L	10 U UG/L	10 U UG/L	10 U UG/L	10 U UG/L	10 U UG/L
2,4-DINITROPHENOL	25 U UG/L	25 U UG/L	25 U UG/L	25 U UG/L	25 U UG/L	25 U UG/L	25 U UG/L
2,4-DINITROTOLUENE	0.2 UJ UG/L	0.2 UJ UG/L	0.2 UJ UG/L	0.2 UJ UG/L	0.2 UJ UG/L	0.2 UJ UG/L	0.2 UJ UG/L
2,6-DINITROTOLUENE	0.2 U UG/L	0.2 U UG/L	0.2 U UG/L	0.2 U UG/L	0.2 U UG/L	0.2 U UG/L	0.2 U UG/L
2-CHLORONAPHTHALENE	10 U UG/L	10 U UG/L	10 U UG/L	10 U UG/L	10 U UG/L	10 U UG/L	10 U UG/L
2-CHLOROPHENOL	10 U UG/L	10 U UG/L	10 U UG/L	10 U UG/L	10 U UG/L	10 U UG/L	10 U UG/L
2-METHYLNAPHTHALENE	10 U UG/L	10 U UG/L	10 U UG/L	10 U UG/L	10 U UG/L	10 U UG/L	10 U UG/L
2-METHYLPHENOL	10 U UG/L	10 U UG/L	10 U UG/L	10 U UG/L	10 U UG/L	10 U UG/L	10 U UG/L
2-NITROANILINE	7.5 U UG/L	7.5 U UG/L	7.5 U UG/L	7.5 U UG/L	7.5 U UG/L	7.5 U UG/L	7.5 U UG/L
2-NITROPHENOL	10 U UG/L	10 U UG/L	10 U UG/L	10 U UG/L	10 U UG/L	10 U UG/L	10 U UG/L
3&4-METHYLPHENOL	10 U UG/L	10 U UG/L	10 U UG/L	10 U UG/L	10 U UG/L	10 U UG/L	10 U UG/L
3,3'-DICHLOROBENZIDINE	7.5 U UG/L	7.5 U UG/L	7.5 U UG/L	7.5 U UG/L	7.5 U UG/L	7.5 U UG/L	7.5 U UG/L
3-NITROANILINE	7.5 U UG/L	7.5 U UG/L	7.5 U UG/L	7.5 U UG/L	7.5 U UG/L	7.5 U UG/L	7.5 U UG/L
4,6-DINITRO-2-METHYLPHENOL	10 U UG/L	10 U UG/L	10 U UG/L	10 U UG/L	10 U UG/L	10 U UG/L	10 U UG/L
4-BROMOPHENYL PHENYL ETHER	10 U UG/L	10 U UG/L	10 U UG/L	10 U UG/L	10 U UG/L	10 U UG/L	10 U UG/L
4-CHLORO-3-METHYLPHENOL	10 U UG/L	10 U UG/L	10 U UG/L	10 U UG/L	10 U UG/L	10 U UG/L	10 U UG/L
4-CHLOROANILINE	10 U UG/L	10 U UG/L	10 U UG/L	10 U UG/L	10 U UG/L	10 U UG/L	10 U UG/L
4-CHLOROPHENYL PHENYL ETHER	10 U UG/L	10 U UG/L	10 U UG/L	10 U UG/L	10 U UG/L	10 U UG/L	10 U UG/L
4-NITROANILINE	7.5 U UG/L	7.5 U UG/L	7.5 U UG/L	7.5 U UG/L	7.5 U UG/L	7.5 U UG/L	7.5 U UG/L
4-NITROPHENOL	15 U UG/L	15 U UG/L	15 U UG/L	15 U UG/L	15 U UG/L	15 U UG/L	15 U UG/L
ACENAPHTHENE	10 U UG/L	10 U UG/L	10 U UG/L	10 U UG/L	10 U UG/L	10 U UG/L	10 U UG/L
ACENAPHTHYLENE	10 U UG/L	10 U UG/L	10 U UG/L	10 U UG/L	10 U UG/L	10 U UG/L	10 U UG/L
ANTHRACENE	10 U UG/L	10 U UG/L	10 U UG/L	10 U UG/L	10 U UG/L	10 U UG/L	10 U UG/L
BENZO(A)ANTHRACENE	0.2 U UG/L	0.2 U UG/L	0.2 U UG/L	0.14 J UG/L	0.2 U UG/L	0.2 U UG/L	0.2 U UG/L
BENZO(A)PYRENE	0.2 U UG/L	0.2 U UG/L	0.2 U UG/L	0.17 J UG/L	0.2 U UG/L	0.2 U UG/L	0.2 U UG/L
BENZO(B)FLUORANTHENE	0.2 U UG/L	0.2 U UG/L	0.2 U UG/L	0.39 UG/L	0.2 U UG/L	0.2 U UG/L	0.2 U UG/L
BENZO(G,H,I)PERYLENE	10 U UG/L	10 U UG/L	10 U UG/L	10 U UG/L	10 U UG/L	10 U UG/L	10 U UG/L
BENZO(K)FLUORANTHENE	0.2 U UG/L	0.2 U UG/L	0.2 U UG/L	0.2 U UG/L	0.2 U UG/L	0.2 U UG/L	0.2 U UG/L
BIS(2-CHLOROETHOXY)METHANE	10 U UG/L	10 U UG/L	10 U UG/L	10 U UG/L	10 U UG/L	10 U UG/L	10 U UG/L

SAMPLE NUMBER	NTCSW01700	NTCSW01800	NTCSW01900	NTCSW01900-D	NTCSW02000	NTCSW02100	NTCSW02200
LAB ID NUMBER	F2856-5	F2856-15	F2856-6	F2856-13	F2856-16	F2856-11	F2856-12
SAMPLE DATE	8/25/98	8/27/98	8/25/98	8/26/98	8/27/98	8/26/98	8/26/98
PARAMETER	RESULTS	RESULTS	RESULTS	RESULTS	RESULTS	RESULTS	RESULTS
BIS(2-CHLOROETHYL)ETHER	1.5 U UG/L	1.5 U UG/L	1.5 U UG/L	1.5 U UG/L	1.5 U UG/L	1.5 U UG/L	1.5 U UG/L
BIS(2-CHLOROISOPROPYL) ETHER	7.5 U UG/L	7.5 U UG/L	7.5 U UG/L	7.5 U UG/L	7.5 U UG/L	7.5 U UG/L	7.5 U UG/L
BIS(2-ETHYLHEXYL)PHTHALATE	6 U UG/L	6 U UG/L	6 U UG/L	6 U UG/L	6 U UG/L	6 U UG/L	6 U UG/L
BUTYLBENZYL PHTHALATE	10 U UG/L	10 U UG/L	10 U UG/L	10 U UG/L	10 U UG/L	10 U UG/L	10 U UG/L
CARBAZOLE	7.5 U UG/L	7.5 U UG/L	7.5 U UG/L	7.5 U UG/L	7.5 U UG/L	7.5 U UG/L	7.5 U UG/L
CHRYSENE	5 U UG/L	5 U UG/L	5 U UG/L	5 U UG/L	5 U UG/L	5 U UG/L	5 U UG/L
DI-N-BUTYL PHTHALATE	10 U UG/L	10 U UG/L	10 U UG/L	10 U UG/L	10 U UG/L	10 U UG/L	10 U UG/L
DI-N-OCTYL PHTHALATE	10 U UG/L	10 U UG/L	10 U UG/L	10 U UG/L	10 U UG/L	10 U UG/L	10 U UG/L
DIBENZO(A,H)ANTHRACENE	0.2 U UG/L	0.2 U UG/L	0.2 U UG/L	0.2 U UG/L	0.2 U UG/L	0.2 U UG/L	0.2 U UG/L
DIBENZOFURAN	10 U UG/L	10 U UG/L	10 U UG/L	10 U UG/L	10 U UG/L	10 U UG/L	10 U UG/L
DIETHYL PHTHALATE	10 U UG/L	10 U UG/L	10 U UG/L	10 U UG/L	10 U UG/L	10 U UG/L	10 U UG/L
DIMETHYL PHTHALATE	10 U UG/L	10 U UG/L	10 U UG/L	10 U UG/L	10 U UG/L	10 U UG/L	10 U UG/L
FLUORANTHENE	10 U UG/L	10 U UG/L	10 U UG/L	10 U UG/L	10 U UG/L	10 U UG/L	10 U UG/L
FLUORENE	10 U UG/L	10 U UG/L	10 U UG/L	10 U UG/L	10 U UG/L	10 U UG/L	10 U UG/L
HEXACHLOROBENZENE	1 U UG/L	1 U UG/L	1 U UG/L	1 U UG/L	1 U UG/L	1 U UG/L	1 U UG/L
HEXACHLOROBUTADIENE	10 U UG/L	10 U UG/L	10 U UG/L	10 U UG/L	10 U UG/L	10 U UG/L	10 U UG/L
HEXACHLOROCYCLOPENTADIENE	10 U UG/L	10 U UG/L	10 U UG/L	10 U UG/L	10 U UG/L	10 U UG/L	10 U UG/L
HEXACHLOROETHANE	10 U UG/L	10 U UG/L	10 U UG/L	10 U UG/L	10 U UG/L	10 U UG/L	10 U UG/L
INDENO(1,2,3-CD)PYRENE	0.2 U UG/L	0.2 U UG/L	0.2 U UG/L	0.14 J UG/L	0.2 U UG/L	0.2 U UG/L	0.2 U UG/L
ISOPHORONE	10 U UG/L	10 U UG/L	10 U UG/L	10 U UG/L	10 U UG/L	10 U UG/L	10 U UG/L
N-NITROSO-DI-N-PROPYLAMINE	1 U UG/L	1 U UG/L	1 U UG/L	1 U UG/L	1 U UG/L	1 U UG/L	1 U UG/L
N-NITROSODIPHENYLAMINE	7.5 U UG/L	7.5 U UG/L	7.5 U UG/L	7.5 U UG/L	7.5 U UG/L	7.5 U UG/L	7.5 U UG/L
NAPHTHALENE	5 U UG/L	5 U UG/L	5 U UG/L	5 U UG/L	5 U UG/L	5 U UG/L	5 U UG/L
NITROBENZENE	10 U UG/L	10 U UG/L	10 U UG/L	10 U UG/L	10 U UG/L	10 U UG/L	10 U UG/L
PHENANTHRENE	10 U UG/L	10 U UG/L	10 U UG/L	10 U UG/L	10 U UG/L	10 U UG/L	10 U UG/L
PHENOL	10 U UG/L	10 U UG/L	10 U UG/L	10 U UG/L	10 U UG/L	10 U UG/L	10 U UG/L
PYRENE	10 U UG/L	10 U UG/L	10 U UG/L	10 U UG/L	10 U UG/L	10 U UG/L	10 U UG/L
HERBICIDES							
2,4,5-T	0.047 U UG/L	0.047 U UG/L	0.047 U UG/L	0.047 U UG/L	0.047 U UG/L	0.047 U UG/L	0.047 U UG/L
2,4,5-TP (SILVEX)	0.089 U UG/L	0.089 U UG/L	0.089 U UG/L	0.089 U UG/L	0.089 U UG/L	0.089 U UG/L	0.089 U UG/L
2,4-D	0.19 U UG/L	0.19 U UG/L	0.19 U UG/L	0.19 U UG/L	0.19 U UG/L	0.19 U UG/L	0.19 U UG/L
2,4-DB	0.2 U UG/L	0.2 U UG/L	0.2 U UG/L	0.2 U UG/L	0.2 U UG/L	0.2 U UG/L	0.2 U UG/L
DALAPON	0.4 U UG/L	0.4 U UG/L	0.4 U UG/L	0.4 U UG/L	0.4 U UG/L	0.4 U UG/L	0.4 U UG/L
DICAMBA	0.2 U UG/L	0.2 U UG/L	0.2 U UG/L	0.2 U UG/L	0.2 U UG/L	0.2 U UG/L	0.2 U UG/L
DICHLOROPROP	1 U UG/L	1 U UG/L	1 U UG/L	1 U UG/L	1 U UG/L	1 U UG/L	1 U UG/L
DINOSEB	0.2 U UG/L	0.2 U UG/L	0.2 U UG/L	0.2 U UG/L	0.2 U UG/L	0.2 U UG/L	0.2 U UG/L

SAMPLE NUMBER	NTCSW01700	NTCSW01800	NTCSW01900	NTCSW01900-D	NTCSW02000	NTCSW02100	NTCSW02200
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SAMPLE DATE	8/25/98	8/27/98	8/25/98	8/26/98	8/27/98	8/26/98	8/26/98
PARAMETER	RESULTS	RESULTS	RESULTS	RESULTS	RESULTS	RESULTS	RESULTS
MCPA	100 U UG/L	100 U UG/L	100 U UG/L	100 U UG/L	100 U UG/L	100 U UG/L	100 U UG/L
MCPP	50 U UG/L	50 U UG/L	50 U UG/L	50 U UG/L	50 U UG/L	50 U UG/L	50 U UG/L
PENTACHLOROPHENOL	0.1 U UG/L	0.1 U UG/L	0.1 U UG/L	0.1 U UG/L	0.1 U UG/L	0.1 U UG/L	0.1 U UG/L
PESTICIDES/PCBS							
4,4'-DDD	0.10 U UG/L	0.10 U UG/L	0.10 U UG/L	0.10 U UG/L	0.10 U UG/L	0.10 U UG/L	0.10 U UG/L
4,4'-DDE	0.10 U UG/L	0.10 U UG/L	0.10 U UG/L	0.10 U UG/L	0.10 U UG/L	0.10 U UG/L	0.10 U UG/L
4,4'-DDT	0.10 UJ UG/L	0.10 UJ UG/L	0.10 UJ UG/L	0.10 UJ UG/L	0.10 UJ UG/L	0.10 UJ UG/L	0.10 UJ UG/L
ALDRIN	0.050 U UG/L	0.050 U UG/L	0.050 U UG/L	0.050 U UG/L	0.050 U UG/L	0.050 U UG/L	0.050 U UG/L
ALPHA-BHC	0.050 U UG/L	0.050 U UG/L	0.050 U UG/L	0.050 U UG/L	0.050 U UG/L	0.050 U UG/L	0.050 U UG/L
ALPHA-CHLORDANE	0.10 U UG/L	0.10 U UG/L	0.10 U UG/L	0.10 U UG/L	0.10 U UG/L	0.10 U UG/L	0.10 U UG/L
BETA-BHC	0.10 U UG/L	0.10 U UG/L	0.10 U UG/L	0.10 U UG/L	0.10 U UG/L	0.10 U UG/L	0.10 U UG/L
DELTA-BHC	0.050 U UG/L	0.050 U UG/L	0.050 U UG/L	0.050 U UG/L	0.050 U UG/L	0.050 U UG/L	0.050 U UG/L
DIELDRIN	0.10 U UG/L	0.10 U UG/L	0.10 U UG/L	0.10 U UG/L	0.10 U UG/L	0.10 U UG/L	0.10 U UG/L
ENDOSULFAN I	0.050 U UG/L	0.050 U UG/L	0.050 U UG/L	0.050 U UG/L	0.050 U UG/L	0.050 U UG/L	0.050 U UG/L
ENDOSULFAN II	0.10 U UG/L	0.10 U UG/L	0.10 U UG/L	0.10 U UG/L	0.10 U UG/L	0.10 U UG/L	0.10 U UG/L
ENDOSULFAN SULFATE	0.10 U UG/L	0.10 U UG/L	0.10 U UG/L	0.10 U UG/L	0.10 U UG/L	0.10 U UG/L	0.10 U UG/L
ENDRIN	0.10 U UG/L	0.10 U UG/L	0.10 U UG/L	0.10 U UG/L	0.10 U UG/L	0.10 U UG/L	0.10 U UG/L
ENDRIN ALDEHYDE	0.10 U UG/L	0.10 U UG/L	0.10 U UG/L	0.10 U UG/L	0.10 U UG/L	0.10 U UG/L	0.10 U UG/L
ENDRIN KETONE	0.10 U UG/L	0.10 U UG/L	0.10 U UG/L	0.10 U UG/L	0.10 U UG/L	0.10 U UG/L	0.10 U UG/L
GAMMA-BHC (LINDANE)	0.050 U UG/L	0.050 U UG/L	0.050 U UG/L	0.050 U UG/L	0.050 U UG/L	0.050 U UG/L	0.050 U UG/L
GAMMA-CHLORDANE	0.10 U UG/L	0.10 U UG/L	0.10 U UG/L	0.10 U UG/L	0.10 U UG/L	0.10 U UG/L	0.10 U UG/L
HEPTACHLOR	0.050 U UG/L	0.050 U UG/L	0.050 U UG/L	0.050 U UG/L	0.050 U UG/L	0.050 U UG/L	0.050 U UG/L
HEPTACHLOR EPOXIDE	0.050 U UG/L	0.050 U UG/L	0.050 U UG/L	0.050 U UG/L	0.050 U UG/L	0.050 U UG/L	0.050 U UG/L
METHOXYCHLOR	0.50 U UG/L	0.50 UJ UG/L	0.50 UJ UG/L	0.50 UJ UG/L	0.50 UJ UG/L	0.50 UJ UG/L	0.50 UJ UG/L
TOXAPHENE	2.5 UJ UG/L	2.5 U UG/L	2.5 U UG/L	2.5 U UG/L	2.5 U UG/L	2.5 U UG/L	2.5 U UG/L
PETROLEUM HYDROCARBONS							
TPH (C8-C40)	0.5 U MG/L	0.5 U MG/L	0.5 U MG/L	0.5 U MG/L	0.5 U MG/L	0.5 U MG/L	0.5 U MG/L
MISC							
CYANIDE	0.005 U MG/L	0.005 U MG/L	0.005 U MG/L	0.005 U MG/L	0.005 U MG/L	0.005 U MG/L	0.005 U MG/L
TOTAL ORGANIC CARBON	7.6 MG/L	23.4 MG/L	12.8 MG/L	22.5 MG/L	108 MG/L	75.9 MG/L	6.3 MG/L
METALS							
ALUMINUM	207 U UG/L	1220 UG/L	576 U UG/L	1400 UG/L	6140 UG/L	87000 UG/L	278 U UG/L
ANTIMONY	3.8 U UG/L	3.8 U UG/L	3.8 U UG/L	3.8 U UG/L	3.8 U UG/L	3.8 U UG/L	3.8 U UG/L
ARSENIC	3.1 U UG/L	3.1 U UG/L	3.1 U UG/L	3.1 U UG/L	13.6 UG/L	18.3 UG/L	3.1 U UG/L
BARIUM	23.8 UG/L	16.9 UG/L	26.7 UG/L	31.6 UG/L	85.5 UG/L	524 UG/L	20.5 UG/L
BERYLLIUM	1.0 U UG/L	0.96 U UG/L	1.0 U UG/L	0.96 U UG/L	1.3 U UG/L	4.5 U UG/L	1.2 U UG/L

SAMPLE NUMBER	NTCSW01700	NTCSW01800	NTCSW01900	NTCSW01900-D	NTCSW02000	NTCSW02100	NTCSW02200
LAB ID NUMBER	F2856-5	F2856-15	F2856-6	F2856-13	F2856-16	F2856-11	F2856-12
SAMPLE DATE	8/25/98	8/27/98	8/25/98	8/26/98	8/27/98	8/26/98	8/26/98
PARAMETER	RESULTS	RESULTS	RESULTS	RESULTS	RESULTS	RESULTS	RESULTS
CADMIUM	0.50 U UG/L	0.50 U UG/L	0.50 U UG/L	0.50 U UG/L	0.50 UJ UG/L	1.5 U UG/L	0.54 U UG/L
CALCIUM	74500 UG/L	13100 UG/L	16000 UG/L	14400 UG/L	20700 UG/L	73100 UG/L	13200 UG/L
CHROMIUM	6.3 U UG/L	2.1 U UG/L	4.6 U UG/L	2.8 U UG/L	7.8 U UG/L	74.2 UG/L	12.7 U UG/L
COBALT	0.71 U UG/L	0.71 U UG/L	0.82 U UG/L	0.71 U UG/L	3.6 U UG/L	6.5 U UG/L	1.1 U UG/L
COPPER	5.6 UG/L	8.2 UG/L	3.9 UG/L	6.4 UG/L	4.6 J UG/L	82.7 UG/L	1.8 UG/L
IRON	205 U UG/L	2900 UG/L	2050 UG/L	1340 UG/L	149000 UG/L	83300 UG/L	732 UG/L
LEAD	5.0 U UG/L	5.7 U UG/L	5.0 U UG/L	6.2 U UG/L	55.0 UG/L	109 UG/L	2.9 U UG/L
MAGNESIUM	12600 UG/L	1320 UG/L	1690 UG/L	1960 UG/L	2270 UG/L	5910 UG/L	1660 UG/L
MANGANESE	16.7 UG/L	5.8 U UG/L	18.8 UG/L	16.4 UG/L	419 UG/L	367 UG/L	16.6 UG/L
MERCURY	0.12 UG/L	0.20 U UG/L	0.20 U UG/L	0.20 U UG/L	0.16 UG/L	0.06 UG/L	0.20 U UG/L
NICKEL	2.7 U UG/L	1.6 U UG/L	2.6 U UG/L	1.6 U UG/L	1.6 U UG/L	17.7 UG/L	1.6 U UG/L
POTASSIUM	18800 UG/L	741 UG/L	1250 UG/L	1180 UG/L	673 J UG/L	863 UG/L	1500 UG/L
SELENIUM	2.7 U UG/L	2.3 U UG/L	2.3 U UG/L	2.6 U UG/L	4.5 U UG/L	8.9 U UG/L	3.4 U UG/L
SILVER	1.8 U UG/L	1.9 U UG/L	1.8 U UG/L	1.9 U UG/L	1.8 UJ UG/L	1.8 U UG/L	1.8 U UG/L
SODIUM	20800 UG/L	6640 UG/L	7890 UG/L	7910 UG/L	8200 UG/L	11500 UG/L	7690 UG/L
THALLIUM	3.9 U UG/L	3.9 U UG/L	3.9 U UG/L	3.9 U UG/L	3.9 U UG/L	3.9 U UG/L	3.9 U UG/L
VANADIUM	2.1 U UG/L	2.8 U UG/L	5.2 U UG/L	4.6 U UG/L	24.9 UG/L	77.9 UG/L	2.1 U UG/L
ZINC	133 UG/L	64.2 UG/L	93.7 UG/L	115 UG/L	263 UG/L	501 UG/L	69.2 UG/L
RADIOLOGICAL							
COBALT-60		REJECTED BY LAB AFTER RE-EVALUATION	~~11.1+/-2.7 pCi/L~~			~~40.3+/-2.6 pCi/L~~	REJECTED BY LAB AFTER RE-EVALUATION
GROSS ALPHA	0.0+/-1.3 U pCi/L	1.4+/-0.8 pCi/L	0.0+/-0.6 U pCi/L	7.7+/-1.1 pCi/L	12.4+/-2.3 pCi/L	32.9+/-2.6 pCi/L	4.0+/-0.9 pCi/L
GROSS BETA	18.5+/-1.3 pCi/L	1.6+/-1.0 pCi/L	2.6+/-1.0 pCi/L	5.6+/-1.1 pCi/L	6.1+/-1.2 pCi/L	17.0+/-1.3 pCi/L	0.7+/-0.9 U pCi/L

SEDIMENT SAMPLES

SAMPLE NUMBER	NTCSD00100	NTCSD00200	NTCSD00300	NTCSD00400	NTCSD00500
DATE SAMPLED	7/1/97	7/1/97	7/1/97	7/1/97	7/1/97
PARAMETER	RESULTS	RESULTS	RESULTS	RESULTS	RESULTS
VOLATILES					
1,1,1-TRICHLOROETHANE	6.3 U UG/KG	6.0 U UG/KG	6.1 U UG/KG	6.4 U UG/KG	8.2 U UG/KG
1,1,2,2-TETRACHLOROETHANE	6.3 U UG/KG	6.0 U UG/KG	6.1 U UG/KG	6.4 U UG/KG	8.2 U UG/KG
1,1,2-TRICHLOROETHANE	6.3 U UG/KG	6.0 U UG/KG	6.1 U UG/KG	6.4 U UG/KG	8.2 U UG/KG
1,1-DICHLOROETHANE	6.3 U UG/KG	6.0 U UG/KG	6.1 U UG/KG	6.4 U UG/KG	8.2 U UG/KG
1,1-DICHLOROETHENE	6.3 U UG/KG	6.0 U UG/KG	6.1 U UG/KG	6.4 U UG/KG	8.2 U UG/KG
1,2-DICHLOROETHANE	6.3 U UG/KG	6.0 U UG/KG	6.1 U UG/KG	6.4 U UG/KG	8.2 U UG/KG
1,2-DICHLOROPROPANE	6.3 U UG/KG	6.0 U UG/KG	6.1 U UG/KG	6.4 U UG/KG	8.2 U UG/KG
2-BUTANONE	13 UR UG/KG	12 UR UG/KG	12 UR UG/KG	13 UR UG/KG	16 UR UG/KG
2-HEXANONE	13 U UG/KG	12 U UG/KG	12 U UG/KG	13 U UG/KG	16 U UG/KG
4-METHYL-2-PENTANONE	13 U UG/KG	12 U UG/KG	12 U UG/KG	13 U UG/KG	16 U UG/KG
ACETONE	13 UR UG/KG	12 UR UG/KG	12 UR UG/KG	13 UR UG/KG	16 UR UG/KG
BENZENE	6.3 U UG/KG	6.0 U UG/KG	6.1 U UG/KG	6.4 U UG/KG	8.2 U UG/KG
BROMODICHLOROMETHANE	6.3 U UG/KG	6.0 U UG/KG	6.1 U UG/KG	6.4 U UG/KG	8.2 U UG/KG
BROMOFORM	6.3 U UG/KG	6.0 U UG/KG	6.1 U UG/KG	6.4 U UG/KG	8.2 U UG/KG
BROMOMETHANE	13 U UG/KG	12 U UG/KG	12 U UG/KG	13 U UG/KG	16 U UG/KG
CARBON DISULFIDE	6.3 U UG/KG	6.0 U UG/KG	6.1 U UG/KG	6.4 U UG/KG	8.2 U UG/KG
CARBON TETRACHLORIDE	6.3 U UG/KG	6.0 U UG/KG	6.1 U UG/KG	6.4 U UG/KG	8.2 U UG/KG
CHLOROBENZENE	6.3 U UG/KG	6.0 U UG/KG	6.1 U UG/KG	6.4 U UG/KG	8.2 U UG/KG
CHLOROETHANE	6.3 U UG/KG	6.0 U UG/KG	6.1 U UG/KG	6.4 U UG/KG	8.2 U UG/KG
CHLOROFORM	6.3 U UG/KG	6.0 U UG/KG	6.1 U UG/KG	6.4 U UG/KG	8.2 U UG/KG
CHLOROMETHANE	13 U UG/KG	12 U UG/KG	12 U UG/KG	13 U UG/KG	16 U UG/KG
CIS-1,2-DICHLOROETHENE	6.3 U UG/KG	6.0 U UG/KG	6.1 U UG/KG	6.4 U UG/KG	8.2 U UG/KG
CIS-1,3-DICHLOROPROPENE	6.3 U UG/KG	6.0 U UG/KG	6.1 U UG/KG	6.4 U UG/KG	8.2 U UG/KG
DIBROMOCHLOROMETHANE	6.3 U UG/KG	6.0 U UG/KG	6.1 U UG/KG	6.4 U UG/KG	8.2 U UG/KG
ETHYLBENZENE	6.3 U UG/KG	6.0 U UG/KG	6.1 U UG/KG	6.4 U UG/KG	8.2 U UG/KG
METHYLENE CHLORIDE	6.3 U UG/KG	6.0 U UG/KG	6.1 U UG/KG	6.4 U UG/KG	8.2 U UG/KG
STYRENE	6.3 U UG/KG	6.0 U UG/KG	6.1 U UG/KG	6.4 U UG/KG	8.2 U UG/KG
TETRACHLOROETHENE	6.3 U UG/KG	6.0 U UG/KG	6.1 U UG/KG	6.4 U UG/KG	8.2 U UG/KG
TOLUENE	6.3 U UG/KG	6.0 U UG/KG	6.1 U UG/KG	6.4 U UG/KG	8.2 U UG/KG
TRANS-1,2-DICHLOROETHENE	6.3 U UG/KG	6.0 U UG/KG	6.1 U UG/KG	6.4 U UG/KG	8.2 U UG/KG
TRANS-1,3-DICHLOROPROPENE	6.3 U UG/KG	6.0 U UG/KG	6.1 U UG/KG	6.4 U UG/KG	8.2 U UG/KG
TRICHLOROETHENE	6.3 U UG/KG	6.0 U UG/KG	6.1 U UG/KG	6.4 U UG/KG	8.2 U UG/KG
VINYL ACETATE					
VINYL CHLORIDE	6.3 U UG/KG	6.0 U UG/KG	6.1 U UG/KG	6.4 U UG/KG	8.2 U UG/KG
XYLENES, TOTAL	6.3 U UG/KG	6.0 U UG/KG	6.1 U UG/KG	6.4 U UG/KG	8.2 U UG/KG
SEMIVOLATILES					
1,2,4-TRICHLOROBENZENE	470 U UG/KG	400 U UG/KG	440 U UG/KG	440 U UG/KG	540 U UG/KG

SAMPLE NUMBER	NTCSD00100	NTCSD00200	NTCSD00300	NTCSD00400	NTCSD00500
DATE SAMPLED	7/1/97	7/1/97	7/1/97	7/1/97	7/1/97
PARAMETER	RESULTS	RESULTS	RESULTS	RESULTS	RESULTS
1,2-DICHLOROBENZENE	470 U UG/KG	400 U UG/KG	440 U UG/KG	440 U UG/KG	540 U UG/KG
1,3-DICHLOROBENZENE	470 U UG/KG	400 U UG/KG	440 U UG/KG	440 U UG/KG	540 U UG/KG
1,4-DICHLOROBENZENE	470 U UG/KG	400 U UG/KG	440 U UG/KG	440 U UG/KG	540 U UG/KG
2,4,5-TRICHLOROPHENOL	470 U UG/KG	400 U UG/KG	440 U UG/KG	440 U UG/KG	540 U UG/KG
2,4,6-TRICHLOROPHENOL	470 U UG/KG	400 U UG/KG	440 U UG/KG	440 U UG/KG	540 U UG/KG
2,4-DICHLOROPHENOL	470 U UG/KG	400 U UG/KG	440 U UG/KG	440 U UG/KG	540 U UG/KG
2,4-DIMETHYLPHENOL	1200 U UG/KG	1000 U UG/KG	1100 U UG/KG	1100 U UG/KG	1300 U UG/KG
2,4-DINITROPHENOL	1200 U UG/KG	1000 U UG/KG	1100 U UG/KG	1100 U UG/KG	1300 U UG/KG
2,4-DINITROTOLUENE	470 U UG/KG	400 U UG/KG	440 U UG/KG	440 U UG/KG	540 U UG/KG
2,6-DINITROTOLUENE	470 U UG/KG	400 U UG/KG	440 U UG/KG	440 U UG/KG	540 U UG/KG
2-CHLORONAPHTHALENE	470 U UG/KG	400 U UG/KG	440 U UG/KG	440 U UG/KG	540 U UG/KG
2-CHLOROPHENOL	470 U UG/KG	400 U UG/KG	440 U UG/KG	440 U UG/KG	540 U UG/KG
2-METHYLNAPHTHALENE	470 U UG/KG	400 U UG/KG	440 U UG/KG	440 U UG/KG	540 U UG/KG
2-METHYLPHENOL	470 U UG/KG	400 U UG/KG	440 U UG/KG	440 U UG/KG	540 U UG/KG
2-NITROANILINE	470 U UG/KG	400 U UG/KG	440 U UG/KG	440 U UG/KG	540 U UG/KG
2-NITROPHENOL	470 U UG/KG	400 U UG/KG	440 U UG/KG	440 U UG/KG	540 U UG/KG
3&4-METHYLPHENOL	470 U UG/KG	400 U UG/KG	440 U UG/KG	440 U UG/KG	540 U UG/KG
3,3'-DICHLOROBENZIDINE	1200 U UG/KG	1000 U UG/KG	1100 U UG/KG	1100 U UG/KG	1300 U UG/KG
3-NITROANILINE	470 U UG/KG	400 U UG/KG	440 U UG/KG	440 U UG/KG	540 U UG/KG
4,6-DINITRO-2-METHYLPHENOL	470 U UG/KG	400 U UG/KG	440 U UG/KG	440 U UG/KG	540 U UG/KG
4-BROMOPHENYL PHENYL ETHER	470 U UG/KG	400 U UG/KG	440 U UG/KG	440 U UG/KG	540 U UG/KG
4-CHLORO-3-METHYLPHENOL	1200 U UG/KG	1000 U UG/KG	1100 U UG/KG	1100 U UG/KG	1300 U UG/KG
4-CHLOROANILINE	470 U UG/KG	400 U UG/KG	440 U UG/KG	440 U UG/KG	540 U UG/KG
4-CHLOROPHENYL PHENYL ETHER	470 U UG/KG	400 U UG/KG	440 U UG/KG	440 U UG/KG	540 U UG/KG
4-NITROANILINE	470 U UG/KG	400 U UG/KG	440 U UG/KG	440 U UG/KG	540 U UG/KG
4-NITROPHENOL	1200 U UG/KG	1000 U UG/KG	1100 U UG/KG	1100 U UG/KG	1300 U UG/KG
ACENAPHTHENE	470 U UG/KG	400 U UG/KG	440 U UG/KG	440 U UG/KG	540 U UG/KG
ACENAPHTHYLENE	470 U UG/KG	400 U UG/KG	440 U UG/KG	440 U UG/KG	540 U UG/KG
ANTHRACENE	470 U UG/KG	400 U UG/KG	440 U UG/KG	440 U UG/KG	540 U UG/KG
BENZO(A)ANTHRACENE	470 U UG/KG	400 U UG/KG	440 U UG/KG	440 U UG/KG	540 U UG/KG
BENZO(A)PYRENE	120 UJ UG/KG	100 UJ UG/KG	110 UJ UG/KG	110 UJ UG/KG	130 UJ UG/KG
BENZO(B)FLUORANTHENE	470 UJ UG/KG	400 UJ UG/KG	440 UJ UG/KG	440 UJ UG/KG	540 UJ UG/KG
BENZO(G,H,I)PERYLENE	470 UJ UG/KG	400 UJ UG/KG	440 UJ UG/KG	440 UJ UG/KG	540 UJ UG/KG
BENZO(K)FLUORANTHENE	470 UJ UG/KG	400 UJ UG/KG	440 UJ UG/KG	440 UJ UG/KG	540 UJ UG/KG
BIS(2-CHLOROETHOXY)METHANE	470 U UG/KG	400 U UG/KG	440 U UG/KG	440 U UG/KG	540 U UG/KG
BIS(2-CHLOROETHYL)ETHER	470 U UG/KG	400 U UG/KG	440 U UG/KG	440 U UG/KG	540 U UG/KG
BIS(2-CHLOROISOPROPYL) ETHER	470 U UG/KG	400 U UG/KG	440 U UG/KG	440 U UG/KG	540 U UG/KG
BIS(2-ETHYLHEXYL)PHTHALATE	470 U UG/KG	400 U UG/KG	440 U UG/KG	440 U UG/KG	540 U UG/KG

SEDIMENT SAMPLES

SAMPLE NUMBER	NTCSD00100	NTCSD00200	NTCSD00300	NTCSD00400	NTCSD00500
DATE SAMPLED	7/1/97	7/1/97	7/1/97	7/1/97	7/1/97
PARAMETER	RESULTS	RESULTS	RESULTS	RESULTS	RESULTS
BUTYLBENZYL PHTHALATE	470 U UG/KG	400 U UG/KG	440 U UG/KG	440 U UG/KG	540 U UG/KG
CARBAZOLE	470 U UG/KG	400 U UG/KG	440 U UG/KG	440 U UG/KG	540 U UG/KG
CHRYSENE	470 U UG/KG	400 U UG/KG	440 U UG/KG	440 U UG/KG	540 U UG/KG
DI-N-BUTYL PHTHALATE	470 U UG/KG	400 U UG/KG	440 U UG/KG	440 U UG/KG	540 U UG/KG
DI-N-OCTYL PHTHALATE	470 UJ UG/KG	400 U UG/KG	440 UJ UG/KG	440 UJ UG/KG	540 UJ UG/KG
DIBENZO(A,H)ANTHRACENE	120 UJ UG/KG	100 UJ UG/KG	110 UJ UG/KG	110 UJ UG/KG	130 UJ UG/KG
DIBENZOFURAN	470 U UG/KG	400 U UG/KG	440 U UG/KG	440 U UG/KG	540 U UG/KG
DIETHYL PHTHALATE	470 U UG/KG	400 U UG/KG	440 U UG/KG	440 U UG/KG	540 U UG/KG
DIMETHYL PHTHALATE	470 U UG/KG	400 U UG/KG	440 U UG/KG	440 U UG/KG	540 U UG/KG
FLUORANTHENE	470 U UG/KG	400 U UG/KG	440 U UG/KG	440 U UG/KG	540 U UG/KG
FLUORENE	470 U UG/KG	400 U UG/KG	440 U UG/KG	440 U UG/KG	540 U UG/KG
HEXACHLOROBENZENE	470 U UG/KG	400 U UG/KG	440 U UG/KG	440 U UG/KG	540 U UG/KG
HEXACHLOROBUTADIENE	470 U UG/KG	400 U UG/KG	440 U UG/KG	440 U UG/KG	540 U UG/KG
HEXACHLOROCYCLOPENTADIENE	470 U UG/KG	400 U UG/KG	440 U UG/KG	440 U UG/KG	540 U UG/KG
HEXACHLOROETHANE	470 U UG/KG	400 U UG/KG	440 U UG/KG	440 U UG/KG	540 U UG/KG
INDENO(1,2,3-CD)PYRENE	470 UJ UG/KG	400 UJ UG/KG	440 UJ UG/KG	440 UJ UG/KG	540 UJ UG/KG
ISOPHORONE	470 U UG/KG	400 U UG/KG	440 U UG/KG	440 U UG/KG	540 U UG/KG
N-NITROSO-DI-N-PROPYLAMINE	23 U UG/KG	20 U UG/KG	22 U UG/KG	22 U UG/KG	27 U UG/KG
N-NITROSODIPHENYLAMINE	470 U UG/KG	400 U UG/KG	440 U UG/KG	440 U UG/KG	540 U UG/KG
NAPHTHALENE	470 U UG/KG	400 U UG/KG	440 U UG/KG	440 U UG/KG	540 U UG/KG
NITROBENZENE	470 U UG/KG	400 U UG/KG	440 U UG/KG	440 U UG/KG	540 U UG/KG
PHENANTHRENE	470 U UG/KG	400 U UG/KG	440 U UG/KG	440 U UG/KG	540 U UG/KG
PHENOL	470 U UG/KG	400 U UG/KG	440 U UG/KG	440 U UG/KG	540 U UG/KG
PYRENE	470 U UG/KG	400 U UG/KG	440 U UG/KG	440 U UG/KG	540 U UG/KG
HERBICIDES					
2,4,5-T	1.6 U UG/KG	1.5 U UG/KG	1.6 U UG/KG	1.6 U UG/KG	2.1 U UG/KG
2,4,5-TP (SILVEX)	1.9 U UG/KG	1.8 U UG/KG	1.8 U UG/KG	1.9 U UG/KG	2.5 U UG/KG
2,4-D	8.8 U UG/KG	8.3 U UG/KG	8.5 U UG/KG	8.9 U UG/KG	12 U UG/KG
2,4-DB	5.1 U UG/KG	4.8 U UG/KG	4.9 U UG/KG	5.1 U UG/KG	6.6 U UG/KG
DALAPON	10 U UG/KG	9.5 U UG/KG	9.8 U UG/KG	10 U UG/KG	13 U UG/KG
DICAMBA	5.1 U UG/KG	4.8 U UG/KG	4.9 U UG/KG	5.1 U UG/KG	6.6 U UG/KG
DICHLOROPROP	25 U UG/KG	24 U UG/KG	24 U UG/KG	25 U UG/KG	33 U UG/KG
DINOSEB	5.1 U UG/KG	4.8 U UG/KG	4.9 U UG/KG	5.1 U UG/KG	6.6 U UG/KG
MCPA	2500 U UG/KG	2400 U UG/KG	2400 U UG/KG	2500 U UG/KG	3300 U UG/KG
MCPP	1300 U UG/KG	1200 U UG/KG	1200 U UG/KG	1300 U UG/KG	1600 U UG/KG
PENTACHLOROPHENOL	2.5 U UG/KG	2.4 U UG/KG	2.4 U UG/KG	2.5 U UG/KG	3.3 U UG/KG
PESTICIDES/PCBS					
4,4'-DDD	2.3 U UG/KG	2.1 U UG/KG	2.2 U UG/KG	2.3 U UG/KG	2.9 U UG/KG

SEDIMENT SAMPLES

SAMPLE NUMBER	NTCSD00100	NTCSD00200	NTCSD00300	NTCSD00400	NTCSD00500
DATE SAMPLED	7/1/97	7/1/97	7/1/97	7/1/97	7/1/97
PARAMETER	RESULTS	RESULTS	RESULTS	RESULTS	RESULTS
4,4'-DDE	1.1 U UG/KG	1.0 U UG/KG	1.0 U UG/KG	1.1 U UG/KG	1.4 U UG/KG
4,4'-DDT	5.0 U UG/KG	4.8 U UG/KG	4.8 U UG/KG	5.1 U UG/KG	6.6 U UG/KG
ALDRIN	4.0 U UG/KG	3.8 U UG/KG	3.8 U UG/KG	4.0 U UG/KG	5.2 U UG/KG
ALPHA-BHC	0.88 U UG/KG	0.84 U UG/KG	0.85 U UG/KG	0.89 U UG/KG	1.1 U UG/KG
ALPHA-CHLORDANE	0.92 U UG/KG	0.88 U UG/KG	0.89 U UG/KG	0.93 U UG/KG	1.2 U UG/KG
AROCLOR-1016					
AROCLOR-1221					
AROCLOR-1232					
AROCLOR-1242					
AROCLOR-1248					
AROCLOR-1254					
AROCLOR-1260					
BETA-BHC	1.3 U UG/KG	1.2 U UG/KG	1.2 U UG/KG	1.3 U UG/KG	1.6 U UG/KG
DELTA-BHC	1.6 U UG/KG	1.5 U UG/KG	1.5 U UG/KG	1.6 U UG/KG	2.0 U UG/KG
DIELDRIN	1.1 U UG/KG	1.0 U UG/KG	1.0 U UG/KG	1.1 U UG/KG	1.4 U UG/KG
ENDOSULFAN I	1.1 U UG/KG	1.1 U UG/KG	1.1 U UG/KG	1.1 U UG/KG	1.5 U UG/KG
ENDOSULFAN II	1.4 U UG/KG	1.4 U UG/KG	1.4 U UG/KG	1.4 U UG/KG	1.8 U UG/KG
ENDOSULFAN SULFATE	4.6 U UG/KG	4.4 U UG/KG	4.4 U UG/KG	4.6 U UG/KG	6.0 U UG/KG
ENDRIN	1.8 U UG/KG	1.7 U UG/KG	1.7 U UG/KG	1.8 U UG/KG	2.3 U UG/KG
ENDRIN ALDEHYDE	1.7 U UG/KG	1.6 U UG/KG	1.6 U UG/KG	1.7 U UG/KG	2.2 U UG/KG
ENDRIN KETONE	8.4 U UG/KG	8.0 U UG/KG	8.1 U UG/KG	8.4 U UG/KG	11 U UG/KG
GAMMA-BHC (LINDANE)	0.92 U UG/KG	0.88 U UG/KG	0.89 U UG/KG	0.93 U UG/KG	1.2 U UG/KG
GAMMA-CHLORDANE	1.0 U UG/KG	1.0 U UG/KG	1.0 U UG/KG	1.0 U UG/KG	1.4 U UG/KG
HEPTACHLOR	1.1 U UG/KG	1.0 U UG/KG	1.0 U UG/KG	1.1 U UG/KG	1.4 U UG/KG
HEPTACHLOR EPOXIDE	1.1 U UG/KG	1.1 U UG/KG	1.1 U UG/KG	1.1 U UG/KG	1.5 U UG/KG
METHOXYCHLOR	7.6 U UG/KG	7.2 U UG/KG	7.2 U UG/KG	7.6 U UG/KG	9.8 U UG/KG
TOXAPHENE	84 U UG/KG	80 U UG/KG	81 U UG/KG	84 U UG/KG	110 U UG/KG
PETROLEUM HYDROCARBONS					
DIESEL RANGE ORGANICS	12 U MG/KG	10 U MG/KG	11 U MG/KG	11 U MG/KG	13 U MG/KG
GASOLINE RANGE ORGANICS	0.14 U MG/KG	0.12 U MG/KG	0.13 U MG/KG	0.13 U MG/KG	0.16 U MG/KG
METALS					
ALUMINUM	409 J MG/KG	852 J MG/KG	233 J MG/KG	788 J MG/KG	3640 J MG/KG
ANTIMONY	0.34 U MG/KG	0.32 U MG/KG	0.33 U MG/KG	0.34 U MG/KG	0.45 U MG/KG
ARSENIC	0.57 U MG/KG	0.54 U MG/KG	0.55 U MG/KG	0.82 MG/KG	0.74 U MG/KG
BARIUM	2.2 MG/KG	5.3 MG/KG	4.1 MG/KG	1.7 MG/KG	12.8 MG/KG
BERYLLIUM	0.02 U MG/KG	0.05 U MG/KG	0.01 U MG/KG	0.04 U MG/KG	0.06 U MG/KG
CADMIUM	0.06 U MG/KG	0.06 U MG/KG	0.06 U MG/KG	0.06 U MG/KG	0.08 U MG/KG
CALCIUM	186 MG/KG	210 MG/KG	42.6 MG/KG	92.7 MG/KG	175 MG/KG

SEDIMENT SAMPLES

SAMPLE NUMBER	NTCSD00100	NTCSD00200	NTCSD00300	NTCSD00400	NTCSD00500
DATE SAMPLED	7/1/97	7/1/97	7/1/97	7/1/97	7/1/97
PARAMETER	RESULTS	RESULTS	RESULTS	RESULTS	RESULTS
CHROMIUM	0.76 MG/KG	1.2 MG/KG	0.63 MG/KG	1.8 MG/KG	4.3 MG/KG
COBALT	0.22 U MG/KG	0.20 U MG/KG	0.21 U MG/KG	0.22 U MG/KG	0.28 U MG/KG
COPPER	0.71 MG/KG	0.48 MG/KG	0.34 MG/KG	0.82 MG/KG	2.1 MG/KG
CYANIDE	1.4 UJ MG/KG	1.2 UJ MG/KG	1.3 UJ MG/KG	1.3 UJ MG/KG	1.6 UJ MG/KG
IRON	137 MG/KG	307 MG/KG	37.1 MG/KG	1750 MG/KG	177 MG/KG
LEAD	1.2 MG/KG	1.2 MG/KG	1.2 MG/KG	1.2 MG/KG	5.4 MG/KG
MAGNESIUM	12.3 U MG/KG	68.6 MG/KG	4.1 U MG/KG	11.8 U MG/KG	28.1 U MG/KG
MANGANESE	0.58 MG/KG	0.74 MG/KG	0.25 U MG/KG	0.47 U MG/KG	0.64 U MG/KG
MERCURY	0.10 U MG/KG	0.09 U MG/KG	0.10 U MG/KG	0.10 U MG/KG	0.13 U MG/KG
NICKEL	0.25 U MG/KG	0.24 MG/KG	0.24 U MG/KG	0.32 MG/KG	0.57 MG/KG
POTASSIUM	20.8 MG/KG	28.9 MG/KG	13.2 MG/KG	26.2 MG/KG	48.3 MG/KG
SELENIUM	0.47 U MG/KG	0.44 U MG/KG	0.45 U MG/KG	0.47 U MG/KG	1.0 MG/KG
SILVER	0.25 U MG/KG	0.24 U MG/KG	0.24 U MG/KG	0.25 U MG/KG	0.33 U MG/KG
SODIUM	104 U MG/KG	99.0 U MG/KG	101 U MG/KG	105 U MG/KG	136 U MG/KG
THALLIUM	0.51 U MG/KG	0.48 U MG/KG	0.49 U MG/KG	0.51 U MG/KG	0.66 U MG/KG
VANADIUM	0.64 MG/KG	1.2 MG/KG	0.30 MG/KG	7.4 MG/KG	3.5 MG/KG
ZINC	2.7 MG/KG	0.39 U MG/KG	0.23 U MG/KG	27.8 MG/KG	1.1 U MG/KG
RADIOLOGICAL					
GROSS ALPHA	0.495 +/- 0.088 PCI/G	1.34 +/- 0.182 PCI/G	0.186 +/- 0.058 PCI/G	0.201 +/- 0.061 PCI/G	2.22 +/- 0.289 PCI/G
GROSS BETA	0.070 +/- 0.06 U PCI/G	0.655 +/- 0.103 J PCI/G	-0.291 +/- 0.013 U PCI/G	0.094 +/- 0.063 U PCI/G	1.33 +/- 0.169 J PCI/G

SAMPLE NUMBER	NTCSD00600	NTCSD00600-D	NTCSD00700	NTCSD00800	NTCSD00900	NTCSD01000
DATE SAMPLED	7/2/97	7/1/97	7/2/97	7/18/97	7/2/97	7/2/97
PARAMETER	RESULTS	RESULTS	RESULTS	RESULTS	RESULTS	RESULTS
VOLATILES						
1,1,1-TRICHLOROETHANE	6.4 U UG/KG	6.4 U UG/KG	6.2 U UG/KG	2.4 U UG/KG	6.8 U UG/KG	6.8 U UG/KG
1,1,2,2-TETRACHLOROETHANE	6.4 U UG/KG	6.4 U UG/KG	6.2 U UG/KG	2.4 U UG/KG	6.8 U UG/KG	6.8 U UG/KG
1,1,2-TRICHLOROETHANE	6.4 U UG/KG	6.4 U UG/KG	6.2 U UG/KG	2.4 U UG/KG	6.8 U UG/KG	6.8 U UG/KG
1,1-DICHLOROETHANE	6.4 U UG/KG	6.4 U UG/KG	6.2 U UG/KG	2.4 U UG/KG	6.8 U UG/KG	6.8 U UG/KG
1,1-DICHLOROETHENE	6.4 U UG/KG	6.4 U UG/KG	6.2 U UG/KG	2.4 U UG/KG	6.8 U UG/KG	6.8 U UG/KG
1,2-DICHLOROETHANE	6.4 U UG/KG	6.4 U UG/KG	6.2 U UG/KG	2.4 U UG/KG	6.8 U UG/KG	6.8 U UG/KG
1,2-DICHLOROPROPANE	6.4 U UG/KG	6.4 U UG/KG	6.2 U UG/KG	2.4 U UG/KG	6.8 U UG/KG	6.8 U UG/KG
2-BUTANONE	13 UR UG/KG	13 UR UG/KG	12 UR UG/KG	12 U UG/KG	14 UR UG/KG	14 UR UG/KG
2-HEXANONE	13 U UG/KG	13 U UG/KG	12 U UG/KG	12 U UG/KG	14 U UG/KG	14 U UG/KG
4-METHYL-2-PENTANONE	13 U UG/KG	13 U UG/KG	12 U UG/KG	12 U UG/KG	14 U UG/KG	14 U UG/KG
ACETONE	13 UR UG/KG	13 UR UG/KG	12 UR UG/KG	60 U UG/KG	14 UR UG/KG	14 UR UG/KG
BENZENE	6.4 U UG/KG	6.4 U UG/KG	6.2 U UG/KG	4.1 UG/KG	6.8 U UG/KG	6.8 U UG/KG
BROMODICHLOROMETHANE	6.4 U UG/KG	6.4 U UG/KG	6.2 U UG/KG	2.4 U UG/KG	6.8 U UG/KG	6.8 U UG/KG
BROMOFORM	6.4 U UG/KG	6.4 U UG/KG	6.2 U UG/KG	2.4 U UG/KG	6.8 U UG/KG	6.8 U UG/KG
BROMOMETHANE	13 U UG/KG	13 U UG/KG	12 U UG/KG	6.0 U UG/KG	14 U UG/KG	14 U UG/KG
CARBON DISULFIDE	6.4 U UG/KG	6.4 U UG/KG	6.2 U UG/KG	2.4 U UG/KG	6.8 U UG/KG	6.8 U UG/KG
CARBON TETRACHLORIDE	6.4 U UG/KG	6.4 U UG/KG	6.2 U UG/KG	2.4 U UG/KG	6.8 U UG/KG	6.8 U UG/KG
CHLOROBENZENE	6.4 U UG/KG	6.4 U UG/KG	6.2 U UG/KG		6.8 U UG/KG	6.8 U UG/KG
CHLOROETHANE	6.4 U UG/KG	6.4 U UG/KG	6.2 U UG/KG	2.4 U UG/KG	6.8 U UG/KG	6.8 U UG/KG
CHLOROFORM	6.4 U UG/KG	6.4 U UG/KG	6.2 U UG/KG	2.4 U UG/KG	6.8 U UG/KG	6.8 U UG/KG
CHLOROMETHANE	13 U UG/KG	13 U UG/KG	12 U UG/KG	6.0 U UG/KG	14 U UG/KG	14 U UG/KG
CIS-1,2-DICHLOROETHENE	6.4 U UG/KG	6.4 U UG/KG	6.2 U UG/KG	2.4 U UG/KG	6.8 U UG/KG	6.8 U UG/KG
CIS-1,3-DICHLOROPROPENE	6.4 U UG/KG	6.4 U UG/KG	6.2 U UG/KG	2.4 U UG/KG	6.8 U UG/KG	6.8 U UG/KG
DIBROMOCHLOROMETHANE	6.4 U UG/KG	6.4 U UG/KG	6.2 U UG/KG	2.4 U UG/KG	6.8 U UG/KG	6.8 U UG/KG
ETHYLBENZENE	6.4 U UG/KG	6.4 U UG/KG	6.2 U UG/KG	4.2 UG/KG	6.8 U UG/KG	6.8 U UG/KG
METHYLENE CHLORIDE	6.4 U UG/KG	6.4 U UG/KG	6.2 U UG/KG	6.0 U UG/KG	6.8 U UG/KG	6.8 U UG/KG
STYRENE	6.4 U UG/KG	6.4 U UG/KG	6.2 U UG/KG	2.4 U UG/KG	6.8 U UG/KG	6.8 U UG/KG
TETRACHLOROETHENE	6.4 U UG/KG	6.4 U UG/KG	6.2 U UG/KG	2.4 U UG/KG	6.8 U UG/KG	6.8 U UG/KG
TOLUENE	6.4 U UG/KG	6.4 U UG/KG	6.2 U UG/KG	2.4 U UG/KG	6.8 U UG/KG	6.8 U UG/KG
TRANS-1,2-DICHLOROETHENE	6.4 U UG/KG	6.4 U UG/KG	6.2 U UG/KG	2.4 U UG/KG	6.8 U UG/KG	6.8 U UG/KG
TRANS-1,3-DICHLOROPROPENE	6.4 U UG/KG	6.4 U UG/KG	6.2 U UG/KG	2.4 U UG/KG	6.8 U UG/KG	6.8 U UG/KG
TRICHLOROETHENE	6.4 U UG/KG	6.4 U UG/KG	6.2 U UG/KG	2.4 U UG/KG	6.8 U UG/KG	6.8 U UG/KG
VINYL ACETATE				6.0 U UG/KG		
VINYL CHLORIDE	6.4 U UG/KG	6.4 U UG/KG	6.2 U UG/KG	6.0 U UG/KG	6.8 U UG/KG	6.8 U UG/KG
XYLENES, TOTAL	6.4 U UG/KG	6.4 U UG/KG	6.2 U UG/KG	5.9 UG/KG	6.8 U UG/KG	6.8 U UG/KG
SEMIVOLATILES						
1,2,4-TRICHLOROBENZENE	410 U UG/KG	450 UJ UG/KG	440 U UG/KG	420 U UG/KG	450 U UG/KG	420 U UG/KG

SEDIMENT SAMPLES

SAMPLE NUMBER	NTCSD00600	NTCSD00600-D	NTCSD00700	NTCSD00800	NTCSD00900	NTCSD01000
DATE SAMPLED	7/2/97	7/1/97	7/2/97	7/18/97	7/2/97	7/2/97
PARAMETER	RESULTS	RESULTS	RESULTS	RESULTS	RESULTS	RESULTS
1,2-DICHLOROBENZENE	410 U UG/KG	450 UJ UG/KG	440 U UG/KG	420 U UG/KG	450 U UG/KG	420 U UG/KG
1,3-DICHLOROBENZENE	410 U UG/KG	450 UJ UG/KG	440 U UG/KG	420 U UG/KG	450 U UG/KG	420 U UG/KG
1,4-DICHLOROBENZENE	410 U UG/KG	450 UJ UG/KG	440 U UG/KG	420 U UG/KG	450 U UG/KG	420 U UG/KG
2,4,5-TRICHLOROPHENOL	410 U UG/KG	450 UJ UG/KG	440 U UG/KG	420 U UG/KG	450 U UG/KG	420 U UG/KG
2,4,6-TRICHLOROPHENOL	410 U UG/KG	450 UJ UG/KG	440 U UG/KG	420 U UG/KG	450 U UG/KG	420 U UG/KG
2,4-DICHLOROPHENOL	410 U UG/KG	450 UJ UG/KG	440 U UG/KG	420 U UG/KG	450 U UG/KG	420 U UG/KG
2,4-DIMETHYLPHENOL	1000 U UG/KG	1100 UJ UG/KG	1100 U UG/KG	1000 U UG/KG	1100 U UG/KG	1000 U UG/KG
2,4-DINITROPHENOL	1000 U UG/KG	1100 UJ UG/KG	1100 U UG/KG	1000 U UG/KG	1100 U UG/KG	1000 U UG/KG
2,4-DINITROTOLUENE	410 U UG/KG	450 UJ UG/KG	440 U UG/KG	420 U UG/KG	450 U UG/KG	420 U UG/KG
2,6-DINITROTOLUENE	410 U UG/KG	450 UJ UG/KG	440 U UG/KG	420 U UG/KG	450 U UG/KG	420 U UG/KG
2-CHLORONAPHTHALENE	410 U UG/KG	450 UJ UG/KG	440 U UG/KG	420 U UG/KG	450 U UG/KG	420 U UG/KG
2-CHLOROPHENOL	410 U UG/KG	450 UJ UG/KG	440 U UG/KG	420 U UG/KG	450 U UG/KG	420 U UG/KG
2-METHYLNAPHTHALENE	410 U UG/KG	450 UJ UG/KG	440 U UG/KG	420 U UG/KG	450 U UG/KG	420 U UG/KG
2-METHYLPHENOL	410 U UG/KG	450 UJ UG/KG	440 U UG/KG	420 U UG/KG	450 U UG/KG	420 U UG/KG
2-NITROANILINE	410 U UG/KG	450 UJ UG/KG	440 U UG/KG	420 U UG/KG	450 U UG/KG	420 U UG/KG
2-NITROPHENOL	410 U UG/KG	450 UJ UG/KG	440 U UG/KG	420 U UG/KG	450 U UG/KG	420 U UG/KG
3&4-METHYLPHENOL	410 U UG/KG	450 UJ UG/KG	440 U UG/KG	420 U UG/KG	450 U UG/KG	420 U UG/KG
3,3'-DICHLOROBENZIDINE	1000 U UG/KG	1100 UJ UG/KG	1100 U UG/KG	1000 U UG/KG	1100 U UG/KG	1000 U UG/KG
3-NITROANILINE	410 U UG/KG	450 UJ UG/KG	440 U UG/KG	420 U UG/KG	450 U UG/KG	420 U UG/KG
4,6-DINITRO-2-METHYLPHENOL	410 U UG/KG	450 UJ UG/KG	440 U UG/KG	420 U UG/KG	450 U UG/KG	420 U UG/KG
4-BROMOPHENYL PHENYL ETHER	410 U UG/KG	450 UJ UG/KG	440 U UG/KG	420 U UG/KG	450 U UG/KG	420 U UG/KG
4-CHLORO-3-METHYLPHENOL	1000 U UG/KG	1100 UJ UG/KG	1100 U UG/KG	1000 U UG/KG	1100 U UG/KG	1000 U UG/KG
4-CHLOROANILINE	410 U UG/KG	450 UJ UG/KG	440 U UG/KG	420 U UG/KG	450 U UG/KG	420 U UG/KG
4-CHLOROPHENYL PHENYL ETHER	410 U UG/KG	450 UJ UG/KG	440 U UG/KG	420 U UG/KG	450 U UG/KG	420 U UG/KG
4-NITROANILINE	410 U UG/KG	450 UJ UG/KG	440 U UG/KG	420 U UG/KG	450 U UG/KG	420 U UG/KG
4-NITROPHENOL	1000 U UG/KG	1100 UJ UG/KG	1100 U UG/KG	1000 U UG/KG	1100 U UG/KG	1000 U UG/KG
ACENAPHTHENE	410 U UG/KG	450 UJ UG/KG	440 U UG/KG	420 U UG/KG	450 U UG/KG	420 U UG/KG
ACENAPHTHYLENE	410 U UG/KG	450 UJ UG/KG	440 U UG/KG	420 U UG/KG	450 U UG/KG	420 U UG/KG
ANTHRACENE	410 U UG/KG	450 UJ UG/KG	440 U UG/KG	420 U UG/KG	450 U UG/KG	420 U UG/KG
BENZO(A)ANTHRACENE	410 U UG/KG	450 U UG/KG	440 U UG/KG	420 U UG/KG	450 U UG/KG	420 U UG/KG
BENZO(A)PYRENE	100 UJ UG/KG	110 UJ UG/KG	110 UJ UG/KG	100 U UG/KG	110 U UG/KG	100 U UG/KG
BENZO(B)FLUORANTHENE	410 UJ UG/KG	450 UJ UG/KG	440 UJ UG/KG	420 U UG/KG	450 UJ UG/KG	420 UJ UG/KG
BENZO(G,H,I)PERYLENE	410 UJ UG/KG	450 UJ UG/KG	440 UJ UG/KG	420 U UG/KG	450 UJ UG/KG	420 UJ UG/KG
BENZO(K)FLUORANTHENE	410 UJ UG/KG	450 UJ UG/KG	440 UJ UG/KG	420 U UG/KG	450 UJ UG/KG	420 UJ UG/KG
BIS(2-CHLOROETHOXY)METHANE	410 U UG/KG	450 UJ UG/KG	440 U UG/KG	420 U UG/KG	450 U UG/KG	420 U UG/KG
BIS(2-CHLOROETHYL)ETHER	410 U UG/KG	450 UJ UG/KG	440 U UG/KG	420 U UG/KG	450 U UG/KG	420 U UG/KG
BIS(2-CHLOROISOPROPYL) ETHER	410 U UG/KG	450 UJ UG/KG	440 U UG/KG	420 U UG/KG	450 U UG/KG	420 U UG/KG
BIS(2-ETHYLHEXYL)PHTHALATE	410 U UG/KG	450 UJ UG/KG	440 U UG/KG	420 U UG/KG	450 U UG/KG	420 U UG/KG

SEDIMENT SAMPLES

SAMPLE NUMBER DATE SAMPLED PARAMETER	NTCSD00600 7/2/97 RESULTS	NTCSD00600-D 7/1/97 RESULTS	NTCSD00700 7/2/97 RESULTS	NTCSD00800 7/18/97 RESULTS	NTCSD00900 7/2/97 RESULTS	NTCSD01000 7/2/97 RESULTS
BUTYLBENZYL PHTHALATE	410 U UG/KG	450 UJ UG/KG	440 U UG/KG	420 U UG/KG	450 U UG/KG	420 U UG/KG
CARBAZOLE	410 U UG/KG	450 UJ UG/KG	440 U UG/KG	420 U UG/KG	450 U UG/KG	420 U UG/KG
CHRYSENE	410 U UG/KG	450 UJ UG/KG	440 U UG/KG	420 U UG/KG	450 U UG/KG	420 U UG/KG
DI-N-BUTYL PHTHALATE	410 U UG/KG	450 UJ UG/KG	440 U UG/KG	420 U UG/KG	450 U UG/KG	420 U UG/KG
DI-N-OCTYL PHTHALATE	410 UJ UG/KG	450 UJ UG/KG	440 UJ UG/KG	420 U UG/KG	450 UJ UG/KG	420 UJ UG/KG
DIBENZO(A,H)ANTHRACENE	100 UJ UG/KG	110 UJ UG/KG	110 UJ UG/KG	100 U UG/KG	110 U UG/KG	100 U UG/KG
DIBENZOFURAN	410 U UG/KG	450 UJ UG/KG	440 U UG/KG	420 U UG/KG	450 U UG/KG	420 U UG/KG
DIETHYL PHTHALATE	410 U UG/KG	450 UJ UG/KG	440 U UG/KG	420 U UG/KG	450 U UG/KG	420 U UG/KG
DIMETHYL PHTHALATE	410 U UG/KG	450 UJ UG/KG	440 U UG/KG	420 U UG/KG	450 U UG/KG	420 U UG/KG
FLUORANTHENE	410 U UG/KG	450 UJ UG/KG	440 U UG/KG	420 U UG/KG	450 U UG/KG	420 U UG/KG
FLUORENE	410 U UG/KG	450 UJ UG/KG	440 U UG/KG	420 U UG/KG	450 U UG/KG	420 U UG/KG
HEXACHLOROBENZENE	410 U UG/KG	450 UJ UG/KG	440 U UG/KG	420 U UG/KG	450 U UG/KG	420 U UG/KG
HEXACHLOROBUTADIENE	410 U UG/KG	450 UJ UG/KG	440 U UG/KG	420 U UG/KG	450 U UG/KG	420 U UG/KG
HEXACHLOROCYCLOPENTADIENE	410 U UG/KG	450 UJ UG/KG	440 U UG/KG	420 U UG/KG	450 U UG/KG	420 U UG/KG
HEXACHLOROETHANE	410 U UG/KG	450 UJ UG/KG	440 U UG/KG	420 U UG/KG	450 U UG/KG	420 U UG/KG
INDENO(1,2,3-CD)PYRENE	410 UJ UG/KG	450 UJ UG/KG	440 UJ UG/KG	420 U UG/KG	450 UJ UG/KG	420 UJ UG/KG
ISOPHORONE	410 U UG/KG	450 UJ UG/KG	440 U UG/KG	420 U UG/KG	450 U UG/KG	420 U UG/KG
N-NITROSO-DI-N-PROPYLAMINE	21 U UG/KG	23 UJ UG/KG	22 U UG/KG	21 U UG/KG	22 U UG/KG	21 U UG/KG
N-NITROSODIPHENYLAMINE	410 U UG/KG	450 UJ UG/KG	440 U UG/KG	420 U UG/KG	450 U UG/KG	420 U UG/KG
NAPHTHALENE	410 U UG/KG	450 UJ UG/KG	440 U UG/KG	420 U UG/KG	450 U UG/KG	420 U UG/KG
NITROBENZENE	410 U UG/KG	450 UJ UG/KG	440 U UG/KG	420 U UG/KG	450 U UG/KG	420 U UG/KG
PHENANTHRENE	410 U UG/KG	450 UJ UG/KG	440 U UG/KG	420 U UG/KG	450 U UG/KG	420 U UG/KG
PHENOL	410 U UG/KG	450 UJ UG/KG	440 U UG/KG	420 U UG/KG	450 U UG/KG	420 U UG/KG
PYRENE	410 U UG/KG	450 UJ UG/KG	440 U UG/KG	420 U UG/KG	450 U UG/KG	420 U UG/KG
HERBICIDES						
2,4,5-T	1.6 U UG/KG	1.5 U UG/KG	1.6 U UG/KG	1.6 U UG/KG	1.8 U UG/KG	1.8 U UG/KG
2,4,5-TP (SILVEX)	1.9 U UG/KG	1.8 U UG/KG	1.9 U UG/KG	1.8 U UG/KG	2.1 U UG/KG	2.0 U UG/KG
2,4-D	8.8 U UG/KG	8.3 U UG/KG	8.8 U UG/KG	8.5 U UG/KG	9.5 U UG/KG	9.5 U UG/KG
2,4-DB	5.1 U UG/KG	4.7 U UG/KG	5.0 U UG/KG	4.9 U UG/KG	5.4 U UG/KG	5.4 U UG/KG
DALAPON	10 U UG/KG	9.4 U UG/KG	10 U UG/KG	9.7 U UG/KG	11 U UG/KG	11 U UG/KG
DICAMBA	5.1 U UG/KG	4.7 U UG/KG	5.0 U UG/KG	4.9 U UG/KG	5.4 U UG/KG	5.4 U UG/KG
DICHLOROPROP	25 U UG/KG	24 U UG/KG	25 U UG/KG	24 U UG/KG	27 U UG/KG	27 U UG/KG
DINOSEB	5.1 U UG/KG	4.7 U UG/KG	5.0 U UG/KG	4.9 UJ UG/KG	5.4 U UG/KG	5.4 U UG/KG
MCPA	2500 U UG/KG	2400 U UG/KG	2500 U UG/KG	2400 U UG/KG	2700 U UG/KG	2700 U UG/KG
MCPP	1300 U UG/KG	1200 U UG/KG	1200 U UG/KG	1200 U UG/KG	1400 U UG/KG	1400 U UG/KG
PENTACHLOROPHENOL	2.5 U UG/KG	2.4 U UG/KG	2.5 U UG/KG	2.4 U UG/KG	2.7 U UG/KG	2.7 U UG/KG
PESTICIDES/PCBS						
4,4'-DDD	2.3 U UG/KG	2.3 U UG/KG	2.2 U UG/KG	2.2 U UG/KG	2.4 U UG/KG	2.4 U UG/KG

SEDIMENT SAMPLES

SAMPLE NUMBER	NTCSD00600	NTCSD00600-D	NTCSD00700	NTCSD00800	NTCSD00900	NTCSD01000
DATE SAMPLED	7/2/97	7/1/97	7/2/97	7/18/97	7/2/97	7/2/97
PARAMETER	RESULTS	RESULTS	RESULTS	RESULTS	RESULTS	RESULTS
4,4'-DDE	1.1 U UG/KG	1.1 U UG/KG	1.1 U UG/KG	1.0 U UG/KG	1.2 U UG/KG	1.2 U UG/KG
4,4'-DDT	5.0 U UG/KG	5.1 U UG/KG	4.9 U UG/KG	4.9 U UG/KG	5.4 U UG/KG	5.4 U UG/KG
ALDRIN	4.0 U UG/KG	4.1 U UG/KG	3.9 U UG/KG	3.9 U UG/KG	4.3 U UG/KG	4.3 U UG/KG
ALPHA-BHC	0.88 U UG/KG	0.90 U UG/KG	0.86 U UG/KG	0.85 U UG/KG	0.95 U UG/KG	0.95 U UG/KG
ALPHA-CHLORDANE	0.92 U UG/KG	0.94 U UG/KG	0.91 U UG/KG	0.90 U UG/KG	1.0 U UG/KG	2.5 UG/KG
AROCLOR-1016	22 U UG/KG	23 U UG/KG				
AROCLOR-1221	8.0 U UG/KG	8.2 U UG/KG				
AROCLOR-1232	18 U UG/KG	18 U UG/KG				
AROCLOR-1242	12 U UG/KG	12 U UG/KG				
AROCLOR-1248	9.2 U UG/KG	9.4 U UG/KG				
AROCLOR-1254	14 U UG/KG	14 U UG/KG				
AROCLOR-1260	19 U UG/KG	20 U UG/KG				
BETA-BHC	1.3 U UG/KG	1.3 U UG/KG	1.2 U UG/KG	1.2 U UG/KG	1.4 U UG/KG	1.4 U UG/KG
DELTA-BHC	1.6 U UG/KG	1.6 U UG/KG	1.5 U UG/KG	1.5 U UG/KG	1.7 U UG/KG	1.7 U UG/KG
DIELDRIN	1.1 U UG/KG	1.1 U UG/KG	1.1 U UG/KG	1.0 U UG/KG	1.2 U UG/KG	1.2 U UG/KG
ENDOSULFAN I	1.1 U UG/KG	1.2 U UG/KG	1.1 U UG/KG	1.1 U UG/KG	1.2 U UG/KG	1.2 U UG/KG
ENDOSULFAN II	1.4 U UG/KG	1.4 U UG/KG	1.4 U UG/KG	1.4 U UG/KG	1.5 U UG/KG	1.5 U UG/KG
ENDOSULFAN SULFATE	4.6 U UG/KG	4.7 U UG/KG	4.5 U UG/KG	4.5 U UG/KG	5.0 U UG/KG	5.0 U UG/KG
ENDRIN	1.8 U UG/KG	1.8 U UG/KG	1.8 U UG/KG	1.8 U UG/KG	1.9 U UG/KG	1.9 U UG/KG
ENDRIN ALDEHYDE	1.7 U UG/KG	1.7 U UG/KG	1.6 U UG/KG	1.6 U UG/KG	1.8 U UG/KG	1.8 U UG/KG
ENDRIN KETONE	8.4 U UG/KG	8.6 U UG/KG	8.2 U UG/KG	8.1 U UG/KG	9.1 U UG/KG	9.0 U UG/KG
GAMMA-BHC (LINDANE)	0.92 U UG/KG	0.94 U UG/KG	0.91 U UG/KG	0.90 U UG/KG	1.0 U UG/KG	0.99 U UG/KG
GAMMA-CHLORDANE	1.0 U UG/KG	1.1 U UG/KG	1.0 U UG/KG	1.0 U UG/KG	1.1 U UG/KG	4.4 UG/KG
HEPTACHLOR	1.1 U UG/KG	1.1 U UG/KG	1.1 U UG/KG	1.0 U UG/KG	1.2 U UG/KG	1.3 UG/KG
HEPTACHLOR EPOXIDE	1.1 U UG/KG	1.2 U UG/KG	1.1 U UG/KG	1.1 U UG/KG	1.2 U UG/KG	1.2 U UG/KG
METHOXYCHLOR	7.6 U UG/KG	7.7 U UG/KG	7.4 U UG/KG	7.3 U UG/KG	8.2 U UG/KG	8.1 U UG/KG
TOXAPHENE	84 U UG/KG	86 U UG/KG	82 U UG/KG	81 U UG/KG	91 U UG/KG	90 U UG/KG
PETROLEUM HYDROCARBONS						
DIESEL RANGE ORGANICS	10 U MG/KG	11 U MG/KG	11 U MG/KG	10 U MG/KG	11 U MG/KG	10 U MG/KG
GASOLINE RANGE ORGANICS	0.12 U MG/KG	0.14 U MG/KG	0.13 U MG/KG	0.12 U MG/KG	0.13 U MG/KG	0.13 U MG/KG
METALS						
ALUMINUM	4010 J MG/KG	1310 J MG/KG	2460 J MG/KG	2800 MG/KG	1230 J MG/KG	1230 J MG/KG
ANTIMONY	0.34 U MG/KG	0.35 U MG/KG	0.34 U MG/KG	0.33 UJ MG/KG	0.37 U MG/KG	0.37 U MG/KG
ARSENIC	0.58 MG/KG	0.58 U MG/KG	0.56 U MG/KG	0.55 U MG/KG	0.07 MG/KG	0.61 U MG/KG
BARIUM	19.2 MG/KG	6.8 MG/KG	11.8 MG/KG	10.8 MG/KG	2.1 MG/KG	5.4 MG/KG
BERYLLIUM	0.05 U MG/KG	0.02 U MG/KG	0.05 U MG/KG	0.03 U MG/KG	0.04 U MG/KG	0.12 U MG/KG
CADMIUM	0.06 U MG/KG	0.06 U MG/KG	0.06 U MG/KG	0.061 U MG/KG	0.68 U MG/KG	0.07 U MG/KG
CALCIUM	530 MG/KG	408 MG/KG	467 MG/KG	188 MG/KG	73.8 MG/KG	227 MG/KG

SEDIMENT SAMPLES

SAMPLE NUMBER	NTCSD00600	NTCSD00600-D	NTCSD00700	NTCSD00800	NTCSD00900	NTCSD01000
DATE SAMPLED	7/2/97	7/1/97	7/2/97	7/18/97	7/2/97	7/2/97
PARAMETER	RESULTS	RESULTS	RESULTS	RESULTS	RESULTS	RESULTS
CHROMIUM	5.9 MG/KG	2.0 MG/KG	3.5 MG/KG	2.2 MG/KG	1.6 MG/KG	1.6 MG/KG
COBALT	0.22 U MG/KG	0.22 U MG/KG	0.21 U MG/KG	0.21 U MG/KG	0.29 MG/KG	0.23 U MG/KG
COPPER	0.74 MG/KG	1.6 MG/KG	0.79 MG/KG	0.74 MG/KG	0.60 MG/KG	1.1 MG/KG
CYANIDE	1.2 UJ MG/KG	1.4 UJ MG/KG	1.3 UJ MG/KG		1.3 UJ MG/KG	1.2 UJ MG/KG
IRON	234 MG/KG	191 MG/KG	161 MG/KG	266 MG/KG	594 MG/KG	241 MG/KG
LEAD	2.8 MG/KG	2.5 MG/KG	4.8 MG/KG	2.9 MG/KG	0.86 MG/KG	2.1 MG/KG
MAGNESIUM	99.3 MG/KG	47.8 MG/KG	66.6 MG/KG	62.8 MG/KG	19.6 U MG/KG	26.5 U MG/KG
MANGANESE	2.5 MG/KG	1.5 MG/KG	1.6 MG/KG	0.84 MG/KG	0.30 U MG/KG	1.1 MG/KG
MERCURY	0.10 U MG/KG	0.10 U MG/KG	0.10 U MG/KG	0.10 U MG/KG	0.11 U MG/KG	0.11 U MG/KG
NICKEL	0.48 MG/KG	0.26 U MG/KG	0.40 MG/KG	1.1 MG/KG	0.47 MG/KG	0.31 MG/KG
POTASSIUM	69.2 MG/KG	29.4 MG/KG	28.4 MG/KG	45.9 MG/KG	20.0 MG/KG	20.5 MG/KG
SELENIUM	0.81 MG/KG	0.48 U MG/KG	0.46 U MG/KG	0.52 MG/KG	0.51 U MG/KG	0.66 MG/KG
SILVER	0.25 U MG/KG	0.26 U MG/KG	0.25 U MG/KG	0.25 U MG/KG	0.27 U MG/KG	0.27 U MG/KG
SODIUM	105 U MG/KG	106 U MG/KG	103 U MG/KG	101 U MG/KG	113 U MG/KG	112 U MG/KG
THALLIUM	0.70 U MG/KG	0.52 U MG/KG	0.50 U MG/KG	0.83 U MG/KG	0.55 U MG/KG	0.54 U MG/KG
VANADIUM	2.2 MG/KG	1.0 MG/KG	1.5 MG/KG	2.8 MG/KG	2.9 MG/KG	24.9 MG/KG
ZINC	0.51 U MG/KG	1.6 U MG/KG	1.3 U MG/KG	1.7 MG/KG	0.32 U MG/KG	1.7 MG/KG
RADIOLOGICAL						
GROSS ALPHA	0.940 +/- 0.139 PCI/G	1.30 +/- 0.180 PCI/G	2.58 +/- 0.365 PCI/G	1.49+/-0.197 PCI/G	1.23 +/- 0.167 PCI/G	0.735 +/- 0.112 PCI/G
GROSS BETA	0.346 +/- 0.082 J PCI/G	0.762 +/- 0.114 J PCI/G	1.68 +/- 0.251 J PCI/G	0.679+/-0.107 PCI/G	0.543 +/- 0.093 J PCI/G	0.319 +/- 0.075 J PCI/G

SEDIMENT SAMPLES

SAMPLE NUMBER	NTCSD01100	NTCSD01200	NTCSD01300	NTCSD01400	NTCSD01500	NTCSD01600	NTCSD01600-D
LAB ID NUMBER	F2857-1	F2857-2	F2857-3	F2857-8	F2857-9	F2857-4	F2857-7
DATE SAMPLED	8/25/98	8/25/98	8/25/98	8/26/98	8/26/98	8/25/98	8/25/98
PARAMETER	RESULTS	RESULTS	RESULTS	RESULTS	RESULTS	RESULTS	RESULTS
VOLATILES							
1,1,1-TRICHLOROETHANE	2.5 U UG/KG	2.9 U UG/KG	2.6 U UG/KG	3 U UG/KG	2.9 U UG/KG	2.5 U UG/KG	2.4 U UG/KG
1,1,2,2-TETRACHLOROETHANE	2.5 U UG/KG	2.9 U UG/KG	2.6 U UG/KG	3 U UG/KG	2.9 U UG/KG	2.5 U UG/KG	2.4 U UG/KG
1,1,2-TRICHLOROETHANE	2.5 U UG/KG	2.9 U UG/KG	2.6 U UG/KG	3 U UG/KG	2.9 U UG/KG	2.5 U UG/KG	2.4 U UG/KG
1,1-DICHLOROETHANE	2.5 U UG/KG	2.9 U UG/KG	2.6 U UG/KG	3 U UG/KG	2.9 U UG/KG	2.5 U UG/KG	2.4 U UG/KG
1,1-DICHLOROETHENE	2.5 U UG/KG	2.9 U UG/KG	2.6 U UG/KG	3 U UG/KG	2.9 U UG/KG	2.5 U UG/KG	2.4 U UG/KG
1,2-DICHLOROETHANE	2.5 U UG/KG	2.9 U UG/KG	2.6 U UG/KG	3 U UG/KG	2.9 U UG/KG	2.5 U UG/KG	2.4 U UG/KG
1,2-DICHLOROPROPANE	2.5 U UG/KG	2.9 U UG/KG	2.6 U UG/KG	3 U UG/KG	2.9 U UG/KG	2.5 U UG/KG	2.4 U UG/KG
2-BUTANONE	13 UR UG/KG	14 UR UG/KG	13 UR UG/KG	15 UR UG/KG	14 UR UG/KG	13 UR UG/KG	12 UR UG/KG
2-HEXANONE	13 U UG/KG	14 U UG/KG	13 U UG/KG	15 U UG/KG	14 U UG/KG	13 U UG/KG	12 U UG/KG
4-METHYL-2-PENTANONE	13 U UG/KG	14 U UG/KG	13 U UG/KG	15 U UG/KG	14 U UG/KG	13 U UG/KG	12 U UG/KG
ACETONE	63 UR UG/KG	72 UR UG/KG	64 UR UG/KG	74 UR UG/KG	72 UR UG/KG	64 UR UG/KG	61 UR UG/KG
BENZENE	2.5 U UG/KG	2.9 U UG/KG	2.6 U UG/KG	3 U UG/KG	2.9 U UG/KG	2.5 U UG/KG	2.4 U UG/KG
BROMODICHLOROMETHANE	2.5 U UG/KG	2.9 U UG/KG	2.6 U UG/KG	3 U UG/KG	2.9 U UG/KG	2.5 U UG/KG	2.4 U UG/KG
BROMOFORM	2.5 U UG/KG	2.9 U UG/KG	2.6 U UG/KG	3 U UG/KG	2.9 U UG/KG	2.5 U UG/KG	2.4 U UG/KG
BROMOMETHANE	6.3 U UG/KG	7.2 U UG/KG	6.4 U UG/KG	7.4 U UG/KG	7.2 U UG/KG	6.4 U UG/KG	6.1 U UG/KG
CARBON DISULFIDE	73.8 UG/KG	14 U UG/KG	13 U UG/KG	15 U UG/KG	14 U UG/KG	13 U UG/KG	12 U UG/KG
CARBON TETRACHLORIDE	2.5 U UG/KG	2.9 U UG/KG	2.6 U UG/KG	3 U UG/KG	2.9 U UG/KG	2.5 U UG/KG	2.4 U UG/KG
CHLOROBENZENE	2.5 U UG/KG	2.9 U UG/KG	2.6 U UG/KG	3 U UG/KG	2.9 U UG/KG	2.5 U UG/KG	2.4 U UG/KG
CHLOROETHANE	2.5 U UG/KG	2.9 U UG/KG	2.6 U UG/KG	3 U UG/KG	2.9 U UG/KG	2.5 U UG/KG	2.4 U UG/KG
CHLOROFORM	2.5 U UG/KG	2.9 U UG/KG	2.6 U UG/KG	3 U UG/KG	2.9 U UG/KG	2.5 U UG/KG	2.4 U UG/KG
CHLOROMETHANE	6.3 U UG/KG	7.2 U UG/KG	6.4 U UG/KG	7.4 U UG/KG	7.2 U UG/KG	6.4 U UG/KG	6.1 U UG/KG
CIS-1,2-DICHLOROETHENE	2.5 U UG/KG	2.9 U UG/KG	2.6 U UG/KG	3 U UG/KG	2.9 U UG/KG	2.5 U UG/KG	2.4 U UG/KG
CIS-1,3-DICHLOROPROPENE	2.5 U UG/KG	2.9 U UG/KG	2.6 U UG/KG	3 U UG/KG	2.9 U UG/KG	2.5 U UG/KG	2.4 U UG/KG
DIBROMOCHLOROMETHANE	2.5 U UG/KG	2.9 U UG/KG	2.6 U UG/KG	3 U UG/KG	2.9 U UG/KG	2.5 U UG/KG	2.4 U UG/KG
ETHYLBENZENE	2.5 U UG/KG	2.9 U UG/KG	2.6 U UG/KG	3 U UG/KG	2.9 U UG/KG	2.5 U UG/KG	2.4 U UG/KG
METHYLENE CHLORIDE	6.3 U UG/KG	7.2 U UG/KG	6.4 U UG/KG	7.4 U UG/KG	7.2 U UG/KG	6.4 U UG/KG	6.1 U UG/KG
STYRENE	2.5 U UG/KG	2.9 U UG/KG	2.6 U UG/KG	3 U UG/KG	2.9 U UG/KG	2.5 U UG/KG	2.4 U UG/KG
TETRACHLOROETHENE	2.5 U UG/KG	2.9 U UG/KG	2.6 U UG/KG	3 U UG/KG	2.9 U UG/KG	2.5 U UG/KG	2.4 U UG/KG
TOLUENE	3.8 UG/KG	2.6 J UG/KG	2.6 U UG/KG	59.9 UG/KG	9 UG/KG	2.5 U UG/KG	2.4 U UG/KG
TRANS-1,2-DICHLOROETHENE	2.5 U UG/KG	2.9 U UG/KG	2.6 U UG/KG	3 U UG/KG	2.9 U UG/KG	2.5 U UG/KG	2.4 U UG/KG
TRANS-1,3-DICHLOROPROPENE	2.5 U UG/KG	2.9 U UG/KG	2.6 U UG/KG	3 U UG/KG	2.9 U UG/KG	2.5 U UG/KG	2.4 U UG/KG
TRICHLOROETHENE	2.5 U UG/KG	2.9 U UG/KG	2.6 U UG/KG	3 U UG/KG	2.9 U UG/KG	2.5 U UG/KG	2.4 U UG/KG
VINYL CHLORIDE	6.3 U UG/KG	7.2 U UG/KG	6.4 U UG/KG	7.4 U UG/KG	7.2 U UG/KG	6.4 U UG/KG	6.1 U UG/KG
XYLENES, TOTAL	7.6 U UG/KG	8.6 U UG/KG	7.7 U UG/KG	8.9 U UG/KG	8.6 U UG/KG	7.6 U UG/KG	7.3 U UG/KG
SEMIVOLATILES							

SAMPLE NUMBER	NTCSD01100	NTCSD01200	NTCSD01300	NTCSD01400	NTCSD01500	NTCSD01600	NTCSD01600-D
LAB ID NUMBER	F2857-1	F2857-2	F2857-3	F2857-8	F2857-9	F2857-4	F2857-7
DATE SAMPLED	8/25/98	8/25/98	8/25/98	8/26/98	8/26/98	8/25/98	8/25/98
PARAMETER	RESULTS	RESULTS	RESULTS	RESULTS	RESULTS	RESULTS	RESULTS
1,2,4-TRICHLOROBENZENE	420 U UG/KG	480 U UG/KG	430 U UG/KG	500 U UG/KG	480 U UG/KG	420 U UG/KG	410 U UG/KG
1,2-DICHLOROBENZENE	420 U UG/KG	480 U UG/KG	430 U UG/KG	500 U UG/KG	480 U UG/KG	420 U UG/KG	410 U UG/KG
1,3-DICHLOROBENZENE	420 U UG/KG	480 U UG/KG	430 U UG/KG	500 U UG/KG	480 U UG/KG	420 U UG/KG	410 U UG/KG
1,4-DICHLOROBENZENE	420 U UG/KG	480 U UG/KG	430 U UG/KG	500 U UG/KG	480 U UG/KG	420 U UG/KG	410 U UG/KG
2,4,5-TRICHLOROPHENOL	420 U UG/KG	480 U UG/KG	430 U UG/KG	500 U UG/KG	480 U UG/KG	420 U UG/KG	410 U UG/KG
2,4,6-TRICHLOROPHENOL	420 U UG/KG	480 U UG/KG	430 U UG/KG	500 U UG/KG	480 U UG/KG	420 U UG/KG	410 U UG/KG
2,4-DICHLOROPHENOL	420 U UG/KG	480 U UG/KG	430 U UG/KG	500 U UG/KG	480 U UG/KG	420 U UG/KG	410 U UG/KG
2,4-DIMETHYLPHENOL	1000 U UG/KG	1200 U UG/KG	1100 U UG/KG	1200 U UG/KG	1200 U UG/KG	1100 U UG/KG	1000 U UG/KG
2,4-DINITROPHENOL	1000 U UG/KG	1200 U UG/KG	1100 U UG/KG	1200 U UG/KG	1200 U UG/KG	1100 U UG/KG	1000 U UG/KG
2,4-DINITROTOLUENE	420 U UG/KG	480 U UG/KG	430 U UG/KG	500 U UG/KG	480 U UG/KG	420 U UG/KG	410 U UG/KG
2,6-DINITROTOLUENE	420 U UG/KG	480 U UG/KG	430 U UG/KG	500 U UG/KG	480 U UG/KG	420 U UG/KG	410 U UG/KG
2-CHLORONAPHTHALENE	420 U UG/KG	480 U UG/KG	430 U UG/KG	500 U UG/KG	480 U UG/KG	420 U UG/KG	410 U UG/KG
2-CHLOROPHENOL	420 U UG/KG	480 U UG/KG	430 U UG/KG	500 U UG/KG	480 U UG/KG	420 U UG/KG	410 U UG/KG
2-METHYLNAPHTHALENE	420 U UG/KG	480 U UG/KG	430 U UG/KG	500 U UG/KG	480 U UG/KG	420 U UG/KG	410 U UG/KG
2-METHYLPHENOL	420 U UG/KG	480 U UG/KG	430 U UG/KG	500 U UG/KG	480 U UG/KG	420 U UG/KG	410 U UG/KG
2-NITROANILINE	420 U UG/KG	480 U UG/KG	430 U UG/KG	500 U UG/KG	480 U UG/KG	420 U UG/KG	410 U UG/KG
2-NITROPHENOL	420 U UG/KG	480 U UG/KG	430 U UG/KG	500 U UG/KG	480 U UG/KG	420 U UG/KG	410 U UG/KG
3&4-METHYLPHENOL	420 U UG/KG	480 U UG/KG	430 U UG/KG	500 U UG/KG	480 U UG/KG	420 U UG/KG	410 U UG/KG
3,3'-DICHLOROBENZIDINE	1000 U UG/KG	1200 U UG/KG	1100 U UG/KG	1200 U UG/KG	1200 U UG/KG	1100 U UG/KG	1000 U UG/KG
3-NITROANILINE	420 U UG/KG	480 U UG/KG	430 U UG/KG	500 U UG/KG	480 U UG/KG	420 U UG/KG	410 U UG/KG
4,6-DINITRO-2-METHYLPHENOL	420 U UG/KG	480 U UG/KG	430 U UG/KG	500 U UG/KG	480 U UG/KG	420 U UG/KG	410 U UG/KG
4-BROMOPHENYL PHENYL ETHER	420 U UG/KG	480 U UG/KG	430 U UG/KG	500 U UG/KG	480 U UG/KG	420 U UG/KG	410 U UG/KG
4-CHLORO-3-METHYLPHENOL	1000 U UG/KG	1200 U UG/KG	1100 U UG/KG	1200 U UG/KG	1200 U UG/KG	1100 U UG/KG	1000 U UG/KG
4-CHLOROANILINE	420 U UG/KG	480 U UG/KG	430 U UG/KG	500 U UG/KG	480 U UG/KG	420 U UG/KG	410 U UG/KG
4-CHLOROPHENYL PHENYL ETHER	420 U UG/KG	480 U UG/KG	430 U UG/KG	500 U UG/KG	480 U UG/KG	420 U UG/KG	410 U UG/KG
4-NITROANILINE	420 U UG/KG	480 U UG/KG	430 U UG/KG	500 U UG/KG	480 U UG/KG	420 U UG/KG	410 U UG/KG
4-NITROPHENOL	1000 U UG/KG	1200 U UG/KG	1100 U UG/KG	1200 U UG/KG	1200 U UG/KG	1100 U UG/KG	1000 U UG/KG
ACENAPHTHENE	420 U UG/KG	480 U UG/KG	430 U UG/KG	500 U UG/KG	480 U UG/KG	420 U UG/KG	410 U UG/KG
ACENAPHTHYLENE	420 U UG/KG	480 U UG/KG	430 U UG/KG	500 U UG/KG	480 U UG/KG	420 U UG/KG	410 U UG/KG
ANTHRACENE	420 U UG/KG	480 U UG/KG	430 U UG/KG	500 U UG/KG	480 U UG/KG	420 U UG/KG	410 U UG/KG
BENZO(A)ANTHRACENE	420 U UG/KG	480 U UG/KG	430 U UG/KG	500 U UG/KG	480 U UG/KG	420 U UG/KG	410 U UG/KG
BENZO(A)PYRENE	100 U UG/KG	120 U UG/KG	110 U UG/KG	120 U UG/KG	120 U UG/KG	110 U UG/KG	100 U UG/KG
BENZO(B)FLUORANTHENE	420 U UG/KG	480 U UG/KG	430 U UG/KG	500 U UG/KG	480 U UG/KG	420 U UG/KG	410 U UG/KG
BENZO(G,H,I)PERYLENE	420 U UG/KG	480 U UG/KG	430 U UG/KG	500 U UG/KG	480 U UG/KG	420 U UG/KG	410 U UG/KG
BENZO(K)FLUORANTHENE	420 U UG/KG	480 U UG/KG	430 U UG/KG	500 U UG/KG	480 U UG/KG	420 U UG/KG	410 U UG/KG
BIS(2-CHLOROETHOXY)METHANE	420 U UG/KG	480 U UG/KG	430 U UG/KG	500 U UG/KG	480 U UG/KG	420 U UG/KG	410 U UG/KG

SEDIMENT SAMPLES

SAMPLE NUMBER	NTCSD01100	NTCSD01200	NTCSD01300	NTCSD01400	NTCSD01500	NTCSD01600	NTCSD01600-D
LAB ID NUMBER	F2857-1	F2857-2	F2857-3	F2857-8	F2857-9	F2857-4	F2857-7
DATE SAMPLED	8/25/98	8/25/98	8/25/98	8/26/98	8/26/98	8/25/98	8/25/98
PARAMETER	RESULTS	RESULTS	RESULTS	RESULTS	RESULTS	RESULTS	RESULTS
BIS(2-CHLOROETHYL)ETHER	420 U UG/KG	480 U UG/KG	430 U UG/KG	500 U UG/KG	480 U UG/KG	420 U UG/KG	410 U UG/KG
BIS(2-CHLOROISOPROPYL) ETHER	420 U UG/KG	480 U UG/KG	430 U UG/KG	500 U UG/KG	480 U UG/KG	420 U UG/KG	410 U UG/KG
BIS(2-ETHYLHEXYL)PHTHALATE	420 U UG/KG	480 U UG/KG	430 U UG/KG	500 U UG/KG	480 U UG/KG	420 U UG/KG	410 U UG/KG
BUTYLBENZYL PHTHALATE	420 U UG/KG	480 U UG/KG	430 U UG/KG	500 U UG/KG	480 U UG/KG	420 U UG/KG	410 U UG/KG
CARBAZOLE	420 U UG/KG	480 U UG/KG	430 U UG/KG	500 U UG/KG	480 U UG/KG	420 U UG/KG	410 U UG/KG
CHRYSENE	420 U UG/KG	480 U UG/KG	430 U UG/KG	500 U UG/KG	480 U UG/KG	420 U UG/KG	410 U UG/KG
DI-N-BUTYL PHTHALATE	420 U UG/KG	480 U UG/KG	430 U UG/KG	500 U UG/KG	480 U UG/KG	420 U UG/KG	410 U UG/KG
DI-N-OCTYL PHTHALATE	420 U UG/KG	480 U UG/KG	430 U UG/KG	500 U UG/KG	480 U UG/KG	420 U UG/KG	410 U UG/KG
DIBENZO(A,H)ANTHRACENE	100 U UG/KG	120 U UG/KG	110 U UG/KG	120 U UG/KG	120 U UG/KG	110 U UG/KG	100 U UG/KG
DIBENZOFURAN	420 U UG/KG	480 U UG/KG	430 U UG/KG	500 U UG/KG	480 U UG/KG	420 U UG/KG	410 U UG/KG
DIETHYL PHTHALATE	420 U UG/KG	480 U UG/KG	430 U UG/KG	500 U UG/KG	480 U UG/KG	420 U UG/KG	410 U UG/KG
DIMETHYL PHTHALATE	420 U UG/KG	480 U UG/KG	430 U UG/KG	500 U UG/KG	480 U UG/KG	420 U UG/KG	410 U UG/KG
FLUORANTHENE	420 U UG/KG	480 U UG/KG	430 U UG/KG	500 U UG/KG	480 U UG/KG	420 U UG/KG	410 U UG/KG
FLUORENE	420 U UG/KG	480 U UG/KG	430 U UG/KG	500 U UG/KG	480 U UG/KG	420 U UG/KG	410 U UG/KG
HEXACHLOROBENZENE	420 U UG/KG	480 U UG/KG	430 U UG/KG	500 U UG/KG	480 U UG/KG	420 U UG/KG	410 U UG/KG
HEXACHLOROBUTADIENE	420 U UG/KG	480 U UG/KG	430 U UG/KG	500 U UG/KG	480 U UG/KG	420 U UG/KG	410 U UG/KG
HEXACHLOROCYCLOPENTADIENE	420 U UG/KG	480 U UG/KG	430 U UG/KG	500 U UG/KG	480 U UG/KG	420 U UG/KG	410 U UG/KG
HEXACHLOROETHANE	420 U UG/KG	480 U UG/KG	430 U UG/KG	500 U UG/KG	480 U UG/KG	420 U UG/KG	410 U UG/KG
INDENO(1,2,3-CD)PYRENE	420 U UG/KG	480 U UG/KG	430 U UG/KG	500 U UG/KG	480 U UG/KG	420 U UG/KG	410 U UG/KG
ISOPHORONE	420 U UG/KG	480 U UG/KG	430 U UG/KG	500 U UG/KG	480 U UG/KG	420 U UG/KG	410 U UG/KG
N-NITROSO-DI-N-PROPYLAMINE	21 U UG/KG	24 U UG/KG	21 U UG/KG	25 U UG/KG	24 U UG/KG	21 U UG/KG	20 U UG/KG
N-NITROSODIPHENYLAMINE	420 U UG/KG	480 U UG/KG	430 U UG/KG	500 U UG/KG	480 U UG/KG	420 U UG/KG	410 U UG/KG
NAPHTHALENE	420 U UG/KG	480 U UG/KG	430 U UG/KG	500 U UG/KG	480 U UG/KG	420 U UG/KG	410 U UG/KG
NITROBENZENE	420 U UG/KG	480 U UG/KG	430 U UG/KG	500 U UG/KG	480 U UG/KG	420 U UG/KG	410 U UG/KG
PHENANTHRENE	420 U UG/KG	480 U UG/KG	430 U UG/KG	500 U UG/KG	480 U UG/KG	420 U UG/KG	410 U UG/KG
PHENOL	420 U UG/KG	480 U UG/KG	430 U UG/KG	500 U UG/KG	480 U UG/KG	420 U UG/KG	410 U UG/KG
PYRENE	420 U UG/KG	480 U UG/KG	430 U UG/KG	500 U UG/KG	480 U UG/KG	420 U UG/KG	410 U UG/KG
HERBICIDES							
2,4,5-T	1.6 U UG/KG	1.6 U UG/KG	1.6 U UG/KG	2.1 U UG/KG	1.6 U UG/KG	1.6 U UG/KG	1.6 U UG/KG
2,4,5-TP (SILVEX)	1.8 U UG/KG	1.9 U UG/KG	1.8 U UG/KG	2.5 U UG/KG	1.9 U UG/KG	1.9 U UG/KG	1.8 U UG/KG
2,4-D	8.4 U UG/KG	8.8 U UG/KG	8.4 U UG/KG	12 U UG/KG	8.8 U UG/KG	8.8 U UG/KG	8.4 U UG/KG
2,4-DB	4.8 U UG/KG	5 U UG/KG	4.8 U UG/KG	6.6 U UG/KG	5 U UG/KG	5 U UG/KG	4.8 U UG/KG
DALAPON	9.6 U UG/KG	10 U UG/KG	9.6 U UG/KG	13 U UG/KG	10 U UG/KG	10 U UG/KG	9.6 U UG/KG
DICAMBA	4.8 U UG/KG	5 U UG/KG	4.8 U UG/KG	6.6 U UG/KG	5 U UG/KG	5 U UG/KG	4.8 U UG/KG
DICHLOROPROP	24 U UG/KG	25 U UG/KG	24 U UG/KG	33 U UG/KG	25 U UG/KG	25 U UG/KG	24 U UG/KG
DINOSEB	4.8 U UG/KG	5 U UG/KG	4.8 U UG/KG	6.6 U UG/KG	5 U UG/KG	5 U UG/KG	4.8 U UG/KG

SEDIMENT SAMPLES

SAMPLE NUMBER	NTCSD01100	NTCSD01200	NTCSD01300	NTCSD01400	NTCSD01500	NTCSD01600	NTCSD01600-D
LAB ID NUMBER	F2857-1	F2857-2	F2857-3	F2857-8	F2857-9	F2857-4	F2857-7
DATE SAMPLED	8/25/98	8/25/98	8/25/98	8/26/98	8/26/98	8/25/98	8/25/98
PARAMETER	RESULTS	RESULTS	RESULTS	RESULTS	RESULTS	RESULTS	RESULTS
MCPA	2400 U UG/KG	2500 U UG/KG	2400 U UG/KG	3300 U UG/KG	2500 U UG/KG	2500 U UG/KG	2400 U UG/KG
MCPP	1200 U UG/KG	1200 U UG/KG	1200 U UG/KG	1600 U UG/KG	1200 U UG/KG	1200 U UG/KG	1200 U UG/KG
PENTACHLOROPHENOL	2.4 U UG/KG	2.5 U UG/KG	2.4 U UG/KG	3.3 U UG/KG	2.5 U UG/KG	2.5 U UG/KG	2.4 U UG/KG
PESTICIDES/PCBS							
4,4'-DDD	4.2 U UG/KG	4.9 U UG/KG	4.2 U UG/KG	5 U UG/KG	4.8 U UG/KG	4.5 UG/KG	4 U UG/KG
4,4'-DDE	4.2 U UG/KG	4.9 U UG/KG	4.2 U UG/KG	5 U UG/KG	4.8 U UG/KG	4.2 U UG/KG	4 U UG/KG
4,4'-DDT	4.2 U UG/KG	4.9 U UG/KG	4.2 U UG/KG	5 U UG/KG	4.8 U UG/KG	4.2 U UG/KG	4 U UG/KG
ALDRIN	2.1 U UG/KG	2.4 U UG/KG	2.1 U UG/KG	2.5 U UG/KG	2.4 U UG/KG	2.1 U UG/KG	2 U UG/KG
ALPHA-BHC	2.1 U UG/KG	2.4 U UG/KG	2.1 U UG/KG	2.5 U UG/KG	2.4 U UG/KG	2.1 U UG/KG	2 U UG/KG
ALPHA-CHLORDANE	4.2 U UG/KG	4.9 U UG/KG	4.2 U UG/KG	5 U UG/KG	4.8 U UG/KG	4.2 U UG/KG	4 U UG/KG
BETA-BHC	4.2 U UG/KG	4.9 U UG/KG	4.2 U UG/KG	5 U UG/KG	4.8 U UG/KG	4.2 U UG/KG	4 U UG/KG
DELTA-BHC	2.1 U UG/KG	2.4 U UG/KG	2.1 U UG/KG	2.5 U UG/KG	2.4 U UG/KG	2.1 U UG/KG	2 U UG/KG
DIELDRIN	4.2 U UG/KG	4.9 U UG/KG	4.2 U UG/KG	5 U UG/KG	4.8 U UG/KG	4.2 U UG/KG	4 U UG/KG
ENDOSULFAN I	2.1 U UG/KG	2.4 U UG/KG	2.1 U UG/KG	2.5 U UG/KG	2.4 U UG/KG	2.1 U UG/KG	2 U UG/KG
ENDOSULFAN II	4.2 U UG/KG	4.9 U UG/KG	4.2 U UG/KG	5 U UG/KG	4.8 U UG/KG	4.2 U UG/KG	4 U UG/KG
ENDOSULFAN SULFATE	4.2 U UG/KG	4.9 U UG/KG	4.2 U UG/KG	5 U UG/KG	4.8 U UG/KG	4.2 U UG/KG	4 U UG/KG
ENDRIN	4.2 U UG/KG	4.9 U UG/KG	4.2 U UG/KG	5 U UG/KG	4.8 U UG/KG	4.2 U UG/KG	4 U UG/KG
ENDRIN ALDEHYDE	4.2 U UG/KG	4.9 U UG/KG	4.2 U UG/KG	5 U UG/KG	4.8 U UG/KG	4.2 U UG/KG	4 U UG/KG
ENDRIN KETONE	4.2 U UG/KG	4.9 U UG/KG	4.2 U UG/KG	5 U UG/KG	4.8 U UG/KG	4.2 U UG/KG	4 U UG/KG
GAMMA-BHC (LINDANE)	2.1 U UG/KG	2.4 U UG/KG	2.1 U UG/KG	2.5 U UG/KG	2.4 U UG/KG	2.1 U UG/KG	2 U UG/KG
GAMMA-CHLORDANE	4.2 U UG/KG	4.9 U UG/KG	4.2 U UG/KG	5 U UG/KG	4.8 U UG/KG	4.2 U UG/KG	4 U UG/KG
HEPTACHLOR	2.1 U UG/KG	2.4 U UG/KG	2.1 U UG/KG	2.5 U UG/KG	2.4 U UG/KG	2.1 U UG/KG	2 U UG/KG
HEPTACHLOR EPOXIDE	2.1 U UG/KG	2.4 U UG/KG	2.1 U UG/KG	2.5 U UG/KG	2.4 U UG/KG	2.1 U UG/KG	2 U UG/KG
METHOXYCHLOR	21 U UG/KG	24 U UG/KG	21 U UG/KG	25 U UG/KG	24 U UG/KG	21 U UG/KG	20 U UG/KG
TOXAPHENE	210 U UG/KG	240 U UG/KG	210 U UG/KG	250 U UG/KG	240 U UG/KG	210 U UG/KG	200 U UG/KG
PETROLEUM HYDROCARBONS							
TPH (C8-C40)	10 U MG/KG	12 U MG/KG	11 U MG/KG	12 U MG/KG	12 U MG/KG	11 U MG/KG	10 U MG/KG
METALS							
ALUMINUM	6460 MG/KG	664 MG/KG	537 MG/KG	3910 MG/KG	816 MG/KG	328 MG/KG	2180 MG/KG
ANTIMONY	0.48 U MG/KG	0.54 U MG/KG	0.48 U MG/KG	0.56 U MG/KG	0.54 U MG/KG	0.48 U MG/KG	0.46 U MG/KG
ARSENIC	1.3 U MG/KG	0.47 U MG/KG	0.40 U MG/KG	0.47 U MG/KG	0.45 U MG/KG	0.40 U MG/KG	0.44 U MG/KG
BARIUM	21.5 MG/KG	20.2 MG/KG	6.0 MG/KG	154 MG/KG	5.7 MG/KG	5.6 MG/KG	4.2 MG/KG
BERYLLIUM	0.63 U MG/KG	0.21 U MG/KG	0.21 U MG/KG	0.91 U MG/KG	0.18 U MG/KG	0.15 U MG/KG	0.20 U MG/KG
CADMIUM	0.50 U MG/KG	0.16 U MG/KG	0.06 U MG/KG	0.13 U MG/KG	0.18 U MG/KG	0.06 U MG/KG	0.07 U MG/KG
CALCIUM	630 U MG/KG	584 MG/KG	282 MG/KG	499 MG/KG	374 MG/KG	397 MG/KG	453 MG/KG
CHROMIUM	6.1 MG/KG	1.7 MG/KG	0.77 U MG/KG	6.7 MG/KG	1.9 MG/KG	0.92 U MG/KG	3.0 MG/KG

SEDIMENT SAMPLES

SAMPLE NUMBER	NTCSD01100	NTCSD01200	NTCSD01300	NTCSD01400	NTCSD01500	NTCSD01600	NTCSD01600-D
LAB ID NUMBER	F2857-1	F2857-2	F2857-3	F2857-8	F2857-9	F2857-4	F2857-7
DATE SAMPLED	8/25/98	8/25/98	8/25/98	8/26/98	8/26/98	8/25/98	8/25/98
PARAMETER	RESULTS	RESULTS	RESULTS	RESULTS	RESULTS	RESULTS	RESULTS
COBALT	6.3 U MG/KG	0.92 U MG/KG	0.10 U MG/KG	0.32 U MG/KG	0.23 U MG/KG	0.09 U MG/KG	0.35 U MG/KG
COPPER	3.2 U MG/KG	2.1 MG/KG	1.3 MG/KG	5.9 MG/KG	1.5 MG/KG	0.56 U MG/KG	0.90 U MG/KG
IRON	728 MG/KG	710 MG/KG	111 MG/KG	837 MG/KG	202 MG/KG	478 MG/KG	1570 MG/KG
LEAD	13.0 U MG/KG	2.4 MG/KG	0.86 MG/KG	7.8 MG/KG	5.6 MG/KG	1.2 MG/KG	1.9 MG/KG
MAGNESIUM	630 U MG/KG	56.9 U MG/KG	26.4 U MG/KG	208 MG/KG	63.9 U MG/KG	18.7 U MG/KG	67.4 U MG/KG
MANGANESE	2.2 MG/KG	4.6 MG/KG	0.66 U MG/KG	1.0 U MG/KG	1.0 U MG/KG	0.84 U MG/KG	1.2 U MG/KG
MERCURY	0.05 U MG/KG	0.06 U MG/KG	0.05 U MG/KG	0.06 MG/KG	0.06 U MG/KG	0.05 MG/KG	0.05 U MG/KG
NICKEL	5.0 U MG/KG	1.0 U MG/KG	0.20 U MG/KG	2.1 MG/KG	0.49 U MG/KG	0.20 U MG/KG	0.55 U MG/KG
POTASSIUM	630 U MG/KG	30.3 U MG/KG	21.3 U MG/KG	51.3 U MG/KG	29.7 U MG/KG	22.6 U MG/KG	30.4 U MG/KG
SELENIUM	13.0 U MG/KG	0.33 U MG/KG	0.30 U MG/KG	0.61 U MG/KG	0.33 U MG/KG	0.30 U MG/KG	0.28 U MG/KG
SILVER	1.3 U MG/KG	0.25 U MG/KG	0.22 UJ MG/KG	0.27 U MG/KG	0.28 U MG/KG	0.22 UJ MG/KG	0.21 UJ MG/KG
SODIUM	630 U MG/KG	573 MG/KG	340 MG/KG	93.2 MG/KG	47.8 U MG/KG	324 MG/KG	41.9 MG/KG
THALLIUM	1.3 UJ MG/KG	0.55 U MG/KG	0.49 U MG/KG	0.58 U MG/KG	0.55 U MG/KG	0.49 U MG/KG	0.47 U MG/KG
VANADIUM	8.5 MG/KG	3.2 MG/KG	1.8 MG/KG	6.5 MG/KG	1.0 U MG/KG	1.1 U MG/KG	6.5 MG/KG
ZINC	8.5 J MG/KG	74.7 J MG/KG	5.2 J MG/KG	12.6 J MG/KG	14.2 J MG/KG	7.1 J MG/KG	15.2 J MG/KG
MISC							
CYANIDE	1.30 U MG/KG	1.40 U MG/KG	1.30 U MG/KG	1.50 U MG/KG	1.40 U MG/KG	1.30 U MG/KG	1.20 U MG/KG
TOTAL ORGANIC CARBON	1890 MG/KG	15500 MG/KG	1210 MG/KG	29900 MG/KG	1910 MG/KG	2160 MG/KG	2410 MG/KG
RADIOLOGICAL							
ACTINIUM-228		1.2+/-0.3 pCi/g	0.6+/-0.2 pCi/g	1.6+/-0.3 pCi/g		1.2+/-0.5 pCi/g	
BISMUTH-214		1.0+/-0.2 pCi/g		1.4+/-0.3 pCi/g	0.6+/-0.2 pCi/g		0.6+/-0.2 pCi/g
GROSS ALPHA	7.7+/-3.2 pCi/g	0.0+/-2.7 U pCi/g	5.9+/-3.1 pCi/g	16.5+/-3.6 pCi/g	2.7+/-2.9 U pCi/g	4.7+/-2.9 pCi/g	3.1+/-3.0 pCi/g
GROSS BETA	0.0+/-2.5 U pCi/g	0.2+/-2.7 U pCi/g	0.0+/-2.4 U pCi/g	0.8+/-2.5 U pCi/g	0.0+/-2.7 U pCi/g	1.0+/-2.5 U pCi/g	0.0+/-2.4 U pCi/g
LEAD-212	0.3+/-0.1 pCi/g	0.3+/-0.1 pCi/g	0.2+/-0.1 pCi/g	0.6+/-0.1 pCi/g		0.3+/-0.1 pCi/g	0.3+/-0.1 pCi/g
LEAD-214	0.8+/-0.3 pCi/g	0.4+/-0.1 pCi/g	0.6+/-0.3 pCi/g	1.4+/-0.3 pCi/g		0.9+/-0.2 pCi/g	0.8+/-0.2 pCi/g
POTASSIUM-40							3.3+/-0.8 pCi/g
THALLIUM-208			0.5+/-0.1 pCi/g	0.3+/-0.1 pCi/g		0.5+/-0.1 pCi/g	

SAMPLE NUMBER	NTCSD01700	NTCSD01800	NTCSD01900	NTCSD01900-D	NTCSD02000	NTCSD02100	NTCSD02200
LAB ID NUMBER	F2857-5	F2857-13	F2857-6	F2857-12	F2857-14	F2857-10	F2857-11
DATE SAMPLED	8/25/98	8/27/98	8/25/98	8/25/98	8/27/98	8/26/98	8/26/98
PARAMETER	RESULTS	RESULTS	RESULTS	RESULTS	RESULTS	RESULTS	RESULTS
VOLATILES							
1,1,1-TRICHLOROETHANE	2.8 U UG/KG	2.7 U UG/KG	4.3 U UG/KG	2.6 U UG/KG	2.5 U UG/KG	2.7 U UG/KG	2.5 U UG/KG
1,1,2,2-TETRACHLOROETHANE	2.8 U UG/KG	2.7 U UG/KG	4.3 U UG/KG	2.6 U UG/KG	2.5 U UG/KG	2.7 U UG/KG	2.5 U UG/KG
1,1,2-TRICHLOROETHANE	2.8 U UG/KG	2.7 U UG/KG	4.3 U UG/KG	2.6 U UG/KG	2.5 U UG/KG	2.7 U UG/KG	2.5 U UG/KG
1,1-DICHLOROETHANE	2.8 U UG/KG	2.7 U UG/KG	4.3 U UG/KG	2.6 U UG/KG	2.5 U UG/KG	2.7 U UG/KG	2.5 U UG/KG
1,1-DICHLOROETHENE	2.8 U UG/KG	2.7 U UG/KG	4.3 U UG/KG	2.6 U UG/KG	2.5 U UG/KG	2.7 U UG/KG	2.5 U UG/KG
1,2-DICHLOROETHANE	2.8 U UG/KG	2.7 U UG/KG	4.3 U UG/KG	2.6 U UG/KG	2.5 U UG/KG	2.7 U UG/KG	2.5 U UG/KG
1,2-DICHLOROPROPANE	2.8 U UG/KG	2.7 U UG/KG	4.3 U UG/KG	2.6 U UG/KG	2.5 U UG/KG	2.7 U UG/KG	2.5 U UG/KG
2-BUTANONE	14 UR UG/KG	13 UR UG/KG	21 UR UG/KG	13 UR UG/KG	13 UR UG/KG	13 UR UG/KG	12 UR UG/KG
2-HEXANONE	14 U UG/KG	13 U UG/KG	21 U UG/KG	13 U UG/KG	13 U UG/KG	13 U UG/KG	12 U UG/KG
4-METHYL-2-PENTANONE	14 U UG/KG	13 U UG/KG	21 U UG/KG	13 U UG/KG	13 U UG/KG	13 U UG/KG	12 U UG/KG
ACETONE	69 UR UG/KG	67 UR UG/KG	110 UR UG/KG	66 UR UG/KG	63 UR UG/KG	66 UR UG/KG	62 UR UG/KG
BENZENE	2.8 U UG/KG	2.7 U UG/KG	4.3 U UG/KG	2.6 U UG/KG	2.5 U UG/KG	2.7 U UG/KG	2.5 U UG/KG
BROMODICHLOROMETHANE	2.8 U UG/KG	2.7 U UG/KG	4.3 U UG/KG	2.6 U UG/KG	2.5 U UG/KG	2.7 U UG/KG	2.5 U UG/KG
BROMOFORM	2.8 U UG/KG	2.7 U UG/KG	4.3 U UG/KG	2.6 U UG/KG	2.5 U UG/KG	2.7 U UG/KG	2.5 U UG/KG
BROMOMETHANE	6.9 U UG/KG	6.7 U UG/KG	11 U UG/KG	6.6 U UG/KG	6.3 U UG/KG	6.6 U UG/KG	6.2 U UG/KG
CARBON DISULFIDE	14 U UG/KG	13 U UG/KG	21 U UG/KG	13 U UG/KG	13 U UG/KG	13 U UG/KG	12 U UG/KG
CARBON TETRACHLORIDE	2.8 U UG/KG	2.7 U UG/KG	4.3 U UG/KG	2.6 U UG/KG	2.5 U UG/KG	2.7 U UG/KG	2.5 U UG/KG
CHLOROBENZENE	2.8 U UG/KG	2.7 U UG/KG	4.3 U UG/KG	2.6 U UG/KG	2.5 U UG/KG	2.7 U UG/KG	2.5 U UG/KG
CHLOROETHANE	2.8 U UG/KG	2.7 U UG/KG	4.3 U UG/KG	2.6 U UG/KG	2.5 U UG/KG	2.7 U UG/KG	2.5 U UG/KG
CHLOROFORM	2.8 U UG/KG	2.7 U UG/KG	4.3 U UG/KG	2.6 U UG/KG	2.5 U UG/KG	2.7 U UG/KG	2.5 U UG/KG
CHLOROMETHANE	6.9 U UG/KG	6.7 U UG/KG	11 U UG/KG	6.6 U UG/KG	6.3 U UG/KG	6.6 U UG/KG	6.2 U UG/KG
CIS-1,2-DICHLOROETHENE	2.8 U UG/KG	2.7 U UG/KG	4.3 U UG/KG	2.6 U UG/KG	2.5 U UG/KG	2.7 U UG/KG	2.5 U UG/KG
CIS-1,3-DICHLOROPROPENE	2.8 U UG/KG	2.7 U UG/KG	4.3 U UG/KG	2.6 U UG/KG	2.5 U UG/KG	2.7 U UG/KG	2.5 U UG/KG
DIBROMOCHLOROMETHANE	2.8 U UG/KG	2.7 U UG/KG	4.3 U UG/KG	2.6 U UG/KG	2.5 U UG/KG	2.7 U UG/KG	2.5 U UG/KG
ETHYLBENZENE	2.8 U UG/KG	2.7 U UG/KG	4.3 U UG/KG	2.6 U UG/KG	2.5 U UG/KG	2.7 U UG/KG	2.5 U UG/KG
METHYLENE CHLORIDE	6.9 U UG/KG	6.7 U UG/KG	11 U UG/KG	6.6 U UG/KG	6.3 U UG/KG	6.6 U UG/KG	6.2 U UG/KG
STYRENE	2.8 U UG/KG	2.7 U UG/KG	4.3 U UG/KG	2.6 U UG/KG	2.5 U UG/KG	2.7 U UG/KG	2.5 U UG/KG
TETRACHLOROETHENE	2.8 U UG/KG	2.7 U UG/KG	4.3 U UG/KG	2.6 U UG/KG	2.5 U UG/KG	2.7 U UG/KG	2.5 U UG/KG
TOLUENE	2.8 U UG/KG	2.7 U UG/KG	8.6 UG/KG	2.6 U UG/KG	2.5 U UG/KG	2.7 U UG/KG	2.5 U UG/KG
TRANS-1,2-DICHLOROETHENE	2.8 U UG/KG	2.7 U UG/KG	4.3 U UG/KG	2.6 U UG/KG	2.5 U UG/KG	2.7 U UG/KG	2.5 U UG/KG
TRANS-1,3-DICHLOROPROPENE	2.8 U UG/KG	2.7 U UG/KG	4.3 U UG/KG	2.6 U UG/KG	2.5 U UG/KG	2.7 U UG/KG	2.5 U UG/KG
TRICHLOROETHENE	2.8 U UG/KG	2.7 U UG/KG	4.3 U UG/KG	2.6 U UG/KG	2.5 U UG/KG	2.7 U UG/KG	2.5 U UG/KG
VINYL CHLORIDE	6.9 U UG/KG	6.7 U UG/KG	11 U UG/KG	6.6 U UG/KG	6.3 U UG/KG	6.6 U UG/KG	6.2 U UG/KG
XYLENES, TOTAL	8.3 U UG/KG	8 U UG/KG	13 U UG/KG	7.9 U UG/KG	7.6 U UG/KG	8 U UG/KG	7.4 U UG/KG
SEMIVOLATILES							

SEDIMENT SAMPLES

SAMPLE NUMBER	NTCSD01700	NTCSD01800	NTCSD01900	NTCSD01900-D	NTCSD02000	NTCSD02100	NTCSD02200
LAB ID NUMBER	F2857-5	F2857-13	F2857-6	F2857-12	F2857-14	F2857-10	F2857-11
DATE SAMPLED	8/25/98	8/27/98	8/25/98	8/25/98	8/27/98	8/26/98	8/26/98
PARAMETER	RESULTS	RESULTS	RESULTS	RESULTS	RESULTS	RESULTS	RESULTS
1,2,4-TRICHLOROBENZENE	460 U UG/KG	450 U UG/KG	710 U UG/KG	440 U UG/KG	420 U UG/KG	440 U UG/KG	410 U UG/KG
1,2-DICHLOROBENZENE	460 U UG/KG	450 U UG/KG	710 U UG/KG	440 U UG/KG	420 U UG/KG	440 U UG/KG	410 U UG/KG
1,3-DICHLOROBENZENE	460 U UG/KG	450 U UG/KG	710 U UG/KG	440 U UG/KG	420 U UG/KG	440 U UG/KG	410 U UG/KG
1,4-DICHLOROBENZENE	460 U UG/KG	450 U UG/KG	710 U UG/KG	440 U UG/KG	420 U UG/KG	440 U UG/KG	410 U UG/KG
2,4,5-TRICHLOROPHENOL	460 U UG/KG	450 U UG/KG	710 U UG/KG	440 U UG/KG	420 U UG/KG	440 U UG/KG	410 U UG/KG
2,4,6-TRICHLOROPHENOL	460 U UG/KG	450 U UG/KG	710 U UG/KG	440 U UG/KG	420 U UG/KG	440 U UG/KG	410 U UG/KG
2,4-DICHLOROPHENOL	460 U UG/KG	450 U UG/KG	710 U UG/KG	440 U UG/KG	420 U UG/KG	440 U UG/KG	410 U UG/KG
2,4-DIMETHYLPHENOL	1200 U UG/KG	1100 U UG/KG	1800 U UG/KG	1100 U UG/KG	1000 U UG/KG	1100 U UG/KG	1000 U UG/KG
2,4-DINITROPHENOL	1200 U UG/KG	1100 U UG/KG	1800 U UG/KG	1100 U UG/KG	1000 U UG/KG	1100 U UG/KG	1000 U UG/KG
2,4-DINITROTOLUENE	460 U UG/KG	450 U UG/KG	710 U UG/KG	440 U UG/KG	420 U UG/KG	440 U UG/KG	410 U UG/KG
2,6-DINITROTOLUENE	460 U UG/KG	450 U UG/KG	710 U UG/KG	440 U UG/KG	420 U UG/KG	440 U UG/KG	410 U UG/KG
2-CHLORONAPHTHALENE	460 U UG/KG	450 U UG/KG	710 U UG/KG	440 U UG/KG	420 U UG/KG	440 U UG/KG	410 U UG/KG
2-CHLOROPHENOL	460 U UG/KG	450 U UG/KG	710 U UG/KG	440 U UG/KG	420 U UG/KG	440 U UG/KG	410 U UG/KG
2-METHYLNAPHTHALENE	460 U UG/KG	450 U UG/KG	710 U UG/KG	440 U UG/KG	420 U UG/KG	440 U UG/KG	410 U UG/KG
2-METHYLPHENOL	460 U UG/KG	450 U UG/KG	710 U UG/KG	440 U UG/KG	420 U UG/KG	440 U UG/KG	410 U UG/KG
2-NITROANILINE	460 U UG/KG	450 U UG/KG	710 U UG/KG	440 U UG/KG	420 U UG/KG	440 U UG/KG	410 U UG/KG
2-NITROPHENOL	460 U UG/KG	450 U UG/KG	710 U UG/KG	440 U UG/KG	420 U UG/KG	440 U UG/KG	410 U UG/KG
3&4-METHYLPHENOL	460 U UG/KG	450 U UG/KG	710 U UG/KG	223 J UG/KG	420 U UG/KG	440 U UG/KG	410 U UG/KG
3,3'-DICHLOROBENZIDINE	1200 U UG/KG	1100 U UG/KG	1800 U UG/KG	1100 U UG/KG	1000 U UG/KG	1100 U UG/KG	1000 U UG/KG
3-NITROANILINE	460 U UG/KG	450 U UG/KG	710 U UG/KG	440 U UG/KG	420 U UG/KG	440 U UG/KG	410 U UG/KG
4,6-DINITRO-2-METHYLPHENOL	460 U UG/KG	450 U UG/KG	710 U UG/KG	440 U UG/KG	420 U UG/KG	440 U UG/KG	410 U UG/KG
4-BROMOPHENYL PHENYL ETHER	460 U UG/KG	450 U UG/KG	710 U UG/KG	440 U UG/KG	420 U UG/KG	440 U UG/KG	410 U UG/KG
4-CHLORO-3-METHYLPHENOL	1200 U UG/KG	1100 U UG/KG	1800 U UG/KG	1100 U UG/KG	1000 U UG/KG	1100 U UG/KG	1000 U UG/KG
4-CHLOROANILINE	460 U UG/KG	450 U UG/KG	710 U UG/KG	440 U UG/KG	420 U UG/KG	440 U UG/KG	410 U UG/KG
4-CHLOROPHENYL PHENYL ETHER	460 U UG/KG	450 U UG/KG	710 U UG/KG	440 U UG/KG	420 U UG/KG	440 U UG/KG	410 U UG/KG
4-NITROANILINE	460 U UG/KG	450 U UG/KG	710 U UG/KG	440 U UG/KG	420 U UG/KG	440 U UG/KG	410 U UG/KG
4-NITROPHENOL	1200 U UG/KG	1100 U UG/KG	1800 U UG/KG	1100 U UG/KG	1000 U UG/KG	1100 U UG/KG	1000 U UG/KG
ACENAPHTHENE	460 U UG/KG	450 U UG/KG	710 U UG/KG	440 U UG/KG	420 U UG/KG	440 U UG/KG	410 U UG/KG
ACENAPHTHYLENE	460 U UG/KG	450 U UG/KG	710 U UG/KG	440 U UG/KG	420 U UG/KG	440 U UG/KG	410 U UG/KG
ANTHRACENE	460 U UG/KG	450 U UG/KG	710 U UG/KG	440 U UG/KG	420 U UG/KG	440 U UG/KG	410 U UG/KG
BENZO(A)ANTHRACENE	460 U UG/KG	450 U UG/KG	710 U UG/KG	440 U UG/KG	420 U UG/KG	440 U UG/KG	410 U UG/KG
BENZO(A)PYRENE	120 U UG/KG	110 U UG/KG	180 U UG/KG	110 U UG/KG	100 U UG/KG	110 U UG/KG	100 U UG/KG
BENZO(B)FLUORANTHENE	460 U UG/KG	450 U UG/KG	710 U UG/KG	440 U UG/KG	420 U UG/KG	440 U UG/KG	410 U UG/KG
BENZO(G,H,I)PERYLENE	460 U UG/KG	450 U UG/KG	710 U UG/KG	440 U UG/KG	420 U UG/KG	440 U UG/KG	410 U UG/KG
BENZO(K)FLUORANTHENE	460 U UG/KG	450 U UG/KG	710 U UG/KG	440 U UG/KG	420 U UG/KG	440 U UG/KG	410 U UG/KG
BIS(2-CHLOROETHOXY)METHANE	460 U UG/KG	450 U UG/KG	710 U UG/KG	440 U UG/KG	420 U UG/KG	440 U UG/KG	410 U UG/KG

SEDIMENT SAMPLES

SAMPLE NUMBER	NTCSD01700	NTCSD01800	NTCSD01900	NTCSD01900-D	NTCSD02000	NTCSD02100	NTCSD02200
LAB ID NUMBER	F2857-5	F2857-13	F2857-6	F2857-12	F2857-14	F2857-10	F2857-11
DATE SAMPLED	8/25/98	8/27/98	8/25/98	8/25/98	8/27/98	8/26/98	8/26/98
PARAMETER	RESULTS	RESULTS	RESULTS	RESULTS	RESULTS	RESULTS	RESULTS
BIS(2-CHLOROETHYL)ETHER	460 U UG/KG	450 U UG/KG	710 U UG/KG	440 U UG/KG	420 U UG/KG	440 U UG/KG	410 U UG/KG
BIS(2-CHLOROISOPROPYL) ETHER	460 U UG/KG	450 U UG/KG	710 U UG/KG	440 U UG/KG	420 U UG/KG	440 U UG/KG	410 U UG/KG
BIS(2-ETHYLHEXYL)PHTHALATE	460 U UG/KG	450 U UG/KG	710 U UG/KG	440 U UG/KG	420 U UG/KG	440 U UG/KG	410 U UG/KG
BUTYLBENZYL PHTHALATE	460 U UG/KG	450 U UG/KG	710 U UG/KG	440 U UG/KG	420 U UG/KG	440 U UG/KG	410 U UG/KG
CARBAZOLE	460 U UG/KG	450 U UG/KG	710 U UG/KG	440 U UG/KG	420 U UG/KG	440 U UG/KG	410 U UG/KG
CHRYSENE	460 U UG/KG	450 U UG/KG	710 U UG/KG	440 U UG/KG	420 U UG/KG	440 U UG/KG	410 U UG/KG
DI-N-BUTYL PHTHALATE	460 U UG/KG	450 U UG/KG	710 U UG/KG	440 U UG/KG	420 U UG/KG	440 U UG/KG	410 U UG/KG
DI-N-OCTYL PHTHALATE	460 U UG/KG	450 U UG/KG	710 U UG/KG	440 U UG/KG	420 U UG/KG	440 U UG/KG	410 U UG/KG
DIBENZO(A,H)ANTHRACENE	120 U UG/KG	110 U UG/KG	180 U UG/KG	110 U UG/KG	100 U UG/KG	110 U UG/KG	100 U UG/KG
DIBENZOFURAN	460 U UG/KG	450 U UG/KG	710 U UG/KG	440 U UG/KG	420 U UG/KG	440 U UG/KG	410 U UG/KG
DIETHYL PHTHALATE	460 U UG/KG	450 U UG/KG	710 U UG/KG	440 U UG/KG	420 U UG/KG	440 U UG/KG	410 U UG/KG
DIMETHYL PHTHALATE	460 U UG/KG	450 U UG/KG	710 U UG/KG	440 U UG/KG	420 U UG/KG	440 U UG/KG	410 U UG/KG
FLUORANTHENE	460 U UG/KG	450 U UG/KG	710 U UG/KG	440 U UG/KG	420 U UG/KG	440 U UG/KG	410 U UG/KG
FLUORENE	460 U UG/KG	450 U UG/KG	710 U UG/KG	440 U UG/KG	420 U UG/KG	440 U UG/KG	410 U UG/KG
HEXACHLOROBENZENE	460 U UG/KG	450 U UG/KG	710 U UG/KG	440 U UG/KG	420 U UG/KG	440 U UG/KG	410 U UG/KG
HEXACHLOROBUTADIENE	460 U UG/KG	450 U UG/KG	710 U UG/KG	440 U UG/KG	420 U UG/KG	440 U UG/KG	410 U UG/KG
HEXACHLOROCYCLOPENTADIENE	460 U UG/KG	450 U UG/KG	710 U UG/KG	440 U UG/KG	420 U UG/KG	440 U UG/KG	410 U UG/KG
HEXACHLOROETHANE	460 U UG/KG	450 U UG/KG	710 U UG/KG	440 U UG/KG	420 U UG/KG	440 U UG/KG	410 U UG/KG
INDENO(1,2,3-CD)PYRENE	460 U UG/KG	450 U UG/KG	710 U UG/KG	440 U UG/KG	420 U UG/KG	440 U UG/KG	410 U UG/KG
ISOPHORONE	460 U UG/KG	450 U UG/KG	710 U UG/KG	440 U UG/KG	420 U UG/KG	440 U UG/KG	410 U UG/KG
N-NITROSO-DI-N-PROPYLAMINE	23 U UG/KG	22 U UG/KG	36 U UG/KG	22 U UG/KG	21 U UG/KG	22 U UG/KG	21 U UG/KG
N-NITROSODIPHENYLAMINE	460 U UG/KG	450 U UG/KG	710 U UG/KG	440 U UG/KG	420 U UG/KG	440 U UG/KG	410 U UG/KG
NAPHTHALENE	460 U UG/KG	450 U UG/KG	710 U UG/KG	440 U UG/KG	420 U UG/KG	440 U UG/KG	410 U UG/KG
NITROBENZENE	460 U UG/KG	450 U UG/KG	710 U UG/KG	440 U UG/KG	420 U UG/KG	440 U UG/KG	410 U UG/KG
PHENANTHRENE	460 U UG/KG	450 U UG/KG	710 U UG/KG	440 U UG/KG	420 U UG/KG	440 U UG/KG	410 U UG/KG
PHENOL	460 U UG/KG	450 U UG/KG	710 U UG/KG	440 U UG/KG	420 U UG/KG	440 U UG/KG	410 U UG/KG
PYRENE	460 U UG/KG	450 U UG/KG	710 U UG/KG	440 U UG/KG	420 U UG/KG	440 U UG/KG	410 U UG/KG
HERBICIDES							
2,4,5-T	1.6 U UG/KG	1.6 U UG/KG	2 U UG/KG	1.8 U UG/KG	1.7 U UG/KG	1.7 U UG/KG	1.6 U UG/KG
2,4,5-TP (SILVEX)	1.8 U UG/KG	1.9 U UG/KG	2.4 U UG/KG	2 U UG/KG	2 U UG/KG	2 U UG/KG	1.8 U UG/KG
2,4-D	8.4 U UG/KG	8.8 U UG/KG	11 U UG/KG	9.4 U UG/KG	9.1 U UG/KG	9.1 U UG/KG	8.4 U UG/KG
2,4-DB	4.8 U UG/KG	5 U UG/KG	6.2 U UG/KG	5.4 U UG/KG	5.2 U UG/KG	5.2 U UG/KG	4.8 U UG/KG
DALAPON	9.6 U UG/KG	10 U UG/KG	12 U UG/KG	11 U UG/KG	10 U UG/KG	10 U UG/KG	9.6 U UG/KG
DICAMBA	4.8 U UG/KG	5 U UG/KG	6.2 U UG/KG	5.4 U UG/KG	5.2 U UG/KG	5.2 U UG/KG	4.8 U UG/KG
DICHLOROPROP	24 U UG/KG	25 U UG/KG	31 U UG/KG	27 U UG/KG	26 U UG/KG	26 U UG/KG	24 U UG/KG
DINOSEB	4.8 U UG/KG	5 U UG/KG	6.2 U UG/KG	5.4 U UG/KG	5.2 U UG/KG	5.2 U UG/KG	4.8 U UG/KG

SEDIMENT SAMPLES

SAMPLE NUMBER	NTCSD01700	NTCSD01800	NTCSD01900	NTCSD01900-D	NTCSD02000	NTCSD02100	NTCSD02200
LAB ID NUMBER	F2857-5	F2857-13	F2857-6	F2857-12	F2857-14	F2857-10	F2857-11
DATE SAMPLED	8/25/98	8/27/98	8/25/98	8/25/98	8/27/98	8/26/98	8/26/98
PARAMETER	RESULTS	RESULTS	RESULTS	RESULTS	RESULTS	RESULTS	RESULTS
MCPA	2400 U UG/KG	2500 U UG/KG	3100 U UG/KG	2700 U UG/KG	2600 U UG/KG	2600 U UG/KG	2400 U UG/KG
MCPP	1200 U UG/KG	1200 U UG/KG	1600 U UG/KG	1400 U UG/KG	1300 U UG/KG	1300 U UG/KG	1200 U UG/KG
PENTACHLOROPHENOL	2.4 U UG/KG	2.5 U UG/KG	3.1 U UG/KG	2.7 U UG/KG	2.6 U UG/KG	2.6 U UG/KG	2.4 U UG/KG
PESTICIDES/PCBS							
4,4'-DDD	4.6 U UG/KG	4.5 U UG/KG	7.1 U UG/KG	4.4 U UG/KG	4.2 U UG/KG	4.4 U UG/KG	4.1 U UG/KG
4,4'-DDE	3.5 J UG/KG	4.5 U UG/KG	7.1 U UG/KG	4.4 U UG/KG	4.2 U UG/KG	4.4 U UG/KG	4.1 U UG/KG
4,4'-DDT	4.6 U UG/KG	4.5 U UG/KG	7.1 U UG/KG	4.4 U UG/KG	4.2 U UG/KG	4.4 U UG/KG	4.1 U UG/KG
ALDRIN	2.3 U UG/KG	2.2 U UG/KG	3.6 U UG/KG	2.2 U UG/KG	2.1 U UG/KG	2.2 U UG/KG	2.1 U UG/KG
ALPHA-BHC	2.3 U UG/KG	2.2 U UG/KG	3.6 U UG/KG	2.2 U UG/KG	2.1 U UG/KG	2.2 U UG/KG	2.1 U UG/KG
ALPHA-CHLORDANE	4.6 U UG/KG	4.5 U UG/KG	7.1 U UG/KG	4.4 U UG/KG	4.2 U UG/KG	4.4 U UG/KG	4.1 U UG/KG
BETA-BHC	4.6 U UG/KG	4.5 U UG/KG	7.1 U UG/KG	4.4 U UG/KG	4.2 U UG/KG	4.4 U UG/KG	4.1 U UG/KG
DELTA-BHC	2.3 U UG/KG	2.2 U UG/KG	3.6 U UG/KG	2.2 U UG/KG	2.1 U UG/KG	2.2 U UG/KG	2.1 U UG/KG
DIELDRIN	4.6 U UG/KG	4.5 U UG/KG	7.1 U UG/KG	4.4 U UG/KG	4.2 U UG/KG	4.4 U UG/KG	4.1 U UG/KG
ENDOSULFAN I	2.3 U UG/KG	2.2 U UG/KG	3.6 U UG/KG	2.2 U UG/KG	2.1 U UG/KG	2.2 U UG/KG	2.1 U UG/KG
ENDOSULFAN II	4.6 U UG/KG	4.5 U UG/KG	7.1 U UG/KG	4.4 U UG/KG	4.2 U UG/KG	4.4 U UG/KG	4.1 U UG/KG
ENDOSULFAN SULFATE	4.6 U UG/KG	4.5 U UG/KG	7.1 U UG/KG	4.4 U UG/KG	4.2 U UG/KG	4.4 U UG/KG	4.1 U UG/KG
ENDRIN	4.6 U UG/KG	4.5 U UG/KG	7.1 U UG/KG	4.4 U UG/KG	4.2 U UG/KG	4.4 U UG/KG	4.1 U UG/KG
ENDRIN ALDEHYDE	4.6 U UG/KG	4.5 U UG/KG	7.1 U UG/KG	4.4 U UG/KG	4.2 U UG/KG	4.4 U UG/KG	4.1 U UG/KG
ENDRIN KETONE	4.6 U UG/KG	4.5 U UG/KG	7.1 U UG/KG	4.4 U UG/KG	4.2 U UG/KG	4.4 U UG/KG	4.1 U UG/KG
GAMMA-BHC (LINDANE)	2.3 U UG/KG	2.2 U UG/KG	3.6 U UG/KG	2.2 U UG/KG	2.1 U UG/KG	2.2 U UG/KG	2.1 U UG/KG
GAMMA-CHLORDANE	4.6 U UG/KG	4.5 U UG/KG	7.1 U UG/KG	4.4 U UG/KG	4.2 U UG/KG	4.4 U UG/KG	4.1 U UG/KG
HEPTACHLOR	2.3 U UG/KG	2.2 U UG/KG	3.6 U UG/KG	2.2 U UG/KG	2.1 U UG/KG	2.2 U UG/KG	2.1 U UG/KG
HEPTACHLOR EPOXIDE	2.3 U UG/KG	2.2 U UG/KG	3.6 U UG/KG	2.2 U UG/KG	2.1 U UG/KG	2.2 U UG/KG	2.1 U UG/KG
METHOXYCHLOR	23 U UG/KG	22 U UG/KG	36 U UG/KG	22 U UG/KG	21 U UG/KG	22 U UG/KG	21 U UG/KG
TOXAPHENE	230 U UG/KG	220 U UG/KG	360 U UG/KG	220 U UG/KG	210 U UG/KG	220 U UG/KG	210 U UG/KG
PETROLEUM HYDROCARBONS							
TPH (C8-C40)	21.6 MG/KG	11 U MG/KG	18 U MG/KG	20 MG/KG	10 U MG/KG	11 U MG/KG	10 U MG/KG
METALS							
ALUMINUM	1210 MG/KG	4310 MG/KG	9350 MG/KG	1890 MG/KG	7170 MG/KG	2240 MG/KG	4640 MG/KG
ANTIMONY	0.52 U MG/KG	0.51 U MG/KG	0.80 U MG/KG	0.49 U MG/KG	0.47 U MG/KG	0.50 U MG/KG	0.47 U MG/KG
ARSENIC	0.43 U MG/KG	0.42 U MG/KG	1.2 U MG/KG	0.41 U MG/KG	0.39 U MG/KG	0.41 U MG/KG	0.39 U MG/KG
BARIUM	9.1 MG/KG	19.7 MG/KG	191 MG/KG	12.0 MG/KG	72.5 MG/KG	11.7 MG/KG	17.4 MG/KG
BERYLLIUM	0.24 U MG/KG	0.26 U MG/KG	1.4 U MG/KG	0.21 U MG/KG	0.24 U MG/KG	0.19 U MG/KG	0.22 U MG/KG
CADMIUM	0.12 U MG/KG	0.36 U MG/KG	0.28 U MG/KG	0.11 U MG/KG	0.06 U MG/KG	0.44 U MG/KG	0.30 U MG/KG
CALCIUM	1340 MG/KG	348 MG/KG	925 MG/KG	444 MG/KG	403 MG/KG	693 MG/KG	314 MG/KG
CHROMIUM	4.4 MG/KG	5.1 MG/KG	10.6 MG/KG	3.3 MG/KG	7.1 MG/KG	3.0 MG/KG	4.7 MG/KG

SEDIMENT SAMPLES

SAMPLE NUMBER	NTCSD01700	NTCSD01800	NTCSD01900	NTCSD01900-D	NTCSD02000	NTCSD02100	NTCSD02200
LAB ID NUMBER	F2857-5	F2857-13	F2857-6	F2857-12	F2857-14	F2857-10	F2857-11
DATE SAMPLED	8/25/98	8/27/98	8/25/98	8/25/98	8/27/98	8/26/98	8/26/98
PARAMETER	RESULTS	RESULTS	RESULTS	RESULTS	RESULTS	RESULTS	RESULTS
COBALT	0.16 U MG/KG	0.22 U MG/KG	0.34 U MG/KG	0.23 U MG/KG	0.24 U MG/KG	0.15 U MG/KG	0.21 U MG/KG
COPPER	2.5 MG/KG	2.1 MG/KG	10.0 MG/KG	2.4 MG/KG	1.8 MG/KG	2.2 MG/KG	2.5 MG/KG
IRON	288 MG/KG	219 MG/KG	657 MG/KG	471 MG/KG	606 MG/KG	344 MG/KG	272 MG/KG
LEAD	19.2 MG/KG	4.1 MG/KG	7.6 MG/KG	4.3 MG/KG	4.8 MG/KG	2.7 MG/KG	3.5 MG/KG
MAGNESIUM	68.1 U MG/KG	123 MG/KG	186 MG/KG	80.1 MG/KG	204 MG/KG	108 MG/KG	147 MG/KG
MANGANESE	3.1 MG/KG	0.77 U MG/KG	1.9 MG/KG	1.7 MG/KG	0.64 U MG/KG	1.6 MG/KG	0.83 U MG/KG
MERCURY	0.10 MG/KG	0.06 U MG/KG	0.02 MG/KG	0.05 U MG/KG	0.05 U MG/KG	0.06 U MG/KG	0.05 U MG/KG
NICKEL	0.47 U MG/KG	0.37 U MG/KG	2.0 MG/KG	0.45 U MG/KG	1.2 MG/KG	0.34 U MG/KG	1.0 U MG/KG
POTASSIUM	41.0 U MG/KG	48.9 U MG/KG	70.7 U MG/KG	43.2 U MG/KG	65.2 U MG/KG	70.7 U MG/KG	71.9 MG/KG
SELENIUM	0.32 U MG/KG	0.43 U MG/KG	1.9 U MG/KG	0.30 U MG/KG	0.96 U MG/KG	0.31 U MG/KG	1.2 U MG/KG
SILVER	0.27 U MG/KG	0.23 UJ MG/KG	0.37 UJ MG/KG	0.23 UJ MG/KG	0.22 UJ MG/KG	0.30 U MG/KG	0.22 UJ MG/KG
SODIUM	412 MG/KG	44.6 U MG/KG	70.9 U MG/KG	43.6 U MG/KG	41.8 U MG/KG	89.0 MG/KG	44.9 MG/KG
THALLIUM	0.53 U MG/KG	0.52 U MG/KG	0.82 U MG/KG	0.51 U MG/KG	0.49 U MG/KG	0.51 U MG/KG	0.48 U MG/KG
VANADIUM	2.0 MG/KG	2.9 MG/KG	26.1 MG/KG	1.9 MG/KG	5.6 MG/KG	1.7 MG/KG	4.4 MG/KG
ZINC	20.5 J MG/KG	16.3 J MG/KG	17.9 J MG/KG	15.9 J MG/KG	8.5 J MG/KG	14.1 J MG/KG	9.0 J MG/KG
MISC							
CYANIDE	1.40 U MG/KG	1.30 U MG/KG	2.10 U MG/KG	1.30 U MG/KG	1.30 U MG/KG	1.30 U MG/KG	1.20 U MG/KG
TOTAL ORGANIC CARBON	7760 MG/KG	18300 MG/KG	41800 MG/KG	3220 MG/KG	11200 MG/KG	8700 MG/KG	5600 MG/KG
RADIOLOGICAL							
ACTINIUM-228	1.2+/-0.4 pCi/g	1.8+/-0.4 pCi/g		1.6+/-0.3 pCi/g	0.8+/-0.3 pCi/g	0.4+/-0.2 pCi/g	1.2+/-0.4 pCi/g
BISMUTH-214	1.3+/-0.4 pCi/g	2.5+/-0.5 pCi/g			0.9+/-0.2 pCi/g		
GROSS ALPHA	7.3+/-3.1 pCi/g	11.6+/-3.5 pCi/g	8.7+/-3.2 pCi/g	11.1+/-3.4 pCi/g	4.1+/-2.7 pCi/g	4.5+/-3.1 pCi/g	7.5+/-3.3 pCi/g
GROSS BETA	0.7+/-2.6 U pCi/g	0.0+/-2.5 U pCi/g	0.0+/-2.5 U pCi/g	0.0+/-2.7 U pCi/g	0.0+/-2.5 U pCi/g	0.0+/-2.4 U pCi/g	0.0+/-2.5 U pCi/g
LEAD-212	0.6+/-0.2 pCi/g	0.6+/-0.2 pCi/g	0.7+/-0.2 pCi/g	0.6+/-0.1 pCi/g	0.2+/-0.1 pCi/g	0.2+/-0.1 pCi/g	0.4+/-0.1 pCi/g
LEAD-214	1.7+/-0.4 pCi/g	2.0+/-0.3 pCi/g	1.4+/-0.3 pCi/g	1.0+/-0.2 pCi/g	0.9+/-0.2 pCi/g	0.6+/-0.2 pCi/g	0.9+/-0.3 pCi/g
POTASSIUM-40							
THALLIUM-208				0.3+/-0.1 pCi/g		0.2+/-0.1 pCi/g	0.5+/-0.2 pCi/g

PHASE I GROUNDWATER DPT SAMPLES

SAMPLE ID	NTCGW00109	NTCGW00130	NTCGW00209	NTCGW00230	NTCGW00309	NTCGW00330	NTCGW00409	NTCGW00430	NTCGW00509	NTCGW00530	NTCGW00609
SAMPLE DATE	9/11/97	9/11/97	9/11/97	9/11/97	9/11/97	9/11/97	9/11/97	9/11/97	9/11/97	9/11/97	9/11/97
Volatiles (ppb)											
1,1,1,2-Tetrachloroethane	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
1,1,1-Trichloroethane	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
1,1,2,2-Tetrachloroethane	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
1,1,2-Trichloroethane	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
1,1-Dichloroethane	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
1,1-Dichloroethene	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
1,2,3-Trichloropropane	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
1,2-Dichlorobenzene (ortho)	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
1,2-Dichloroethane	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
1,2-Dichloropropane	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
1,3-Dichlorobenzene (meta)	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
1,4-Dichlorobenzene (para)	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
a-Chlorotoluene											
Benzene	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Bromobenzene	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Bromodichloromethane	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Bromoform	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Bromomethane	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Carbon tetrachloride	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Chlorobenzene	< 5	< 5	< 5	< 5	< 5	< 5	< 5	16	< 5	6	< 5
Chloroethane	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Chloroform	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Chloromethane	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
cis-1,2-Dichloroethene	< 5	9	10	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
cis-1,3-Dichloropene											
Dibromochloromethane	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Dichloromethane	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Ethylbenzene	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
m- & p-Xylene	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Methyl-tert-butylether (MTBE)											
o-Xylene	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Tetrachloroethene	< 5	5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Toluene	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
trans-1,2-Dichloroethene	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
trans-1,3-Dichloropene	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Trichloroethene	< 5	116	8	43	< 5	54	< 5	78	< 5	21	< 5
Trichlorofluoromethane	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Vinyl chloride	< 5	6	< 5	< 5	< 5	6	< 5	< 5	< 5	< 5	< 5

PHASE I GROUNDWATER DPT SAMPLES

SAMPLE ID	NTCGW00630	NTCGW00709	NTCGW00730	NTCGW00809	NTCGW00820	NTCGW00830	NTCGW00909	NTCGW00930	NTCGW01009	NTCGW01020	NTCGW01030
SAMPLE DATE	9/11/97	9/11/97	9/11/97	8/23/97	8/23/97	9/11/97	8/23/97	9/11/97	8/23/97	8/23/97	9/11/97
Volatiles (ug/L)											
1,1,1,2-Tetrachloroethane	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
1,1,1-Trichloroethane	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
1,1,2,2-Tetrachloroethane	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
1,1,2-Trichloroethane	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
1,1-Dichloroethane	< 5	< 5	< 5	< 10	< 10	< 5	< 10	< 5	< 10	< 10	< 5
1,1-Dichloroethene	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
1,2,3-Trichloropropane	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
1,2-Dichlorobenzene (ortho)	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
1,2-Dichloroethane	< 5	< 5	< 5	< 10	< 10	< 5	< 10	< 5	< 10	< 10	< 5
1,2-Dichloropropane	< 5	< 5	< 5			< 5		< 5			< 5
1,3-Dichlorobenzene (meta)	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
1,4-Dichlorobenzene (para)	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
a-Chlorotoluene				< 5	< 5		< 5		< 5	< 5	
Benzene	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Bromobenzene	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Bromodichloromethane	< 5	< 5	< 5			< 5		< 5			< 5
Bromoform	< 5	< 5	< 5			< 5		< 5			< 5
Bromomethane	< 5	< 5	< 5			< 5		< 5			< 5
Carbon tetrachloride	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Chlorobenzene	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Chloroethane	< 5	< 5	< 5			< 5		< 5			< 5
Chloroform	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Chloromethane	< 5	< 5	< 5			< 5		< 5			< 5
cis-1,2-Dichloroethene	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
cis-1,3-Dichloropene				< 5	< 5		< 5		< 5	< 5	
Dibromochloromethane	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Dichloromethane	< 5	< 5	< 5			< 5		< 5			< 5
Ethylbenzene	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
m- & p-Xylene	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Methyl-tert-butylether (MTBE)				< 5	< 5		< 5		< 5	< 5	
o-Xylene	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Tetrachloroethene	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Toluene	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
trans-1,2-Dichloroethene	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
trans-1,3-Dichloropene	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Trichloroethene	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Trichlorofluoromethane	< 5	< 5	< 5			< 5		< 5			< 5
Vinyl chloride	< 5	< 5	< 5	< 10	< 10	< 5	< 10	< 5	< 10	< 10	< 5

PHASE I GROUNDWATER DPT SAMPLES

SAMPLE ID	NTCGW01109	NTCGW01130	NTCGW01209	NTCGW01230	NTCGW01315	NTCGW01330	NTCGW01406	NTCGW01430	NTCGW01506	NTCGW01530	NTCGW01609
SAMPLE DATE	8/22/97	8/22/97	8/22/97	8/22/97	7/25/97	7/25/97	7/25/97	7/25/97	7/25/97	7/25/97	7/26/97
Volatiles (ug/L)											
1,1,1,2-Tetrachloroethane	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
1,1,1-Trichloroethane	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
1,1,2,2-Tetrachloroethane	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
1,1,2-Trichloroethane	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
1,1-Dichloroethane	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10
1,1-Dichloroethene	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
1,2,3-Trichloropropane	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
1,2-Dichlorobenzene (ortho)	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
1,2-Dichloroethane	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10
1,2-Dichloropropane											
1,3-Dichlorobenzene (meta)	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
1,4-Dichlorobenzene (para)	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
a-Chlorotoluene	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Benzene	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Bromobenzene	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Bromodichloromethane											
Bromoform											
Bromomethane											
Carbon tetrachloride	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Chlorobenzene	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Chloroethane											
Chloroform	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Chloromethane											
cis-1,2-Dichloroethene	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
cis-1,3-Dichloropene	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Dibromochloromethane	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Dichloromethane											
Ethylbenzene	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
m- & p-Xylene	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Methyl-tert-butylether (MTBE)	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
o-Xylene	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Tetrachloroethene	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Toluene	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
trans-1,2-Dichloroethene	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
trans-1,3-Dichloropene	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Trichloroethene	< 5	< 5	< 5	< 5	< 5	< 5	59	< 5	< 5	< 5	< 5
Trichlorofluoromethane											
Vinyl chloride	< 10	< 10	< 10	< 10	< 10	< 10	12	< 10	< 10	< 10	< 10

PHASE I GROUNDWATER DPT SAMPLES

SAMPLE ID	NTCGW01630	NTCGW01708	NTCGW01730	NTCGW01809	NTCGW01830	NTCGW01909	NTCGW01930	NTCGW02009	NTCGW02030	NTCGW02109	NTCGW02130
SAMPLE DATE	7/25/97	7/26/97	7/26/97	7/26/97	7/26/97	7/26/97	7/26/97	7/26/97	7/26/97	7/26/97	7/26/97
Volatiles (ug/L)											
1,1,1,2-Tetrachloroethane	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
1,1,1-Trichloroethane	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
1,1,2,2-Tetrachloroethane	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
1,1,2-Trichloroethane	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
1,1-Dichloroethane	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10
1,1-Dichloroethene	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
1,2,3-Trichloropropane	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
1,2-Dichlorobenzene (ortho)	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
1,2-Dichloroethane	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10
1,2-Dichloropropane											
1,3-Dichlorobenzene (meta)	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
1,4-Dichlorobenzene (para)	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
a-Chlorotoluene	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Benzene	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Bromobenzene	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Bromodichloromethane											
Bromoform											
Bromomethane											
Carbon tetrachloride	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Chlorobenzene	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Chloroethane											
Chloroform	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Chloromethane											
cis-1,2-Dichloroethene	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
cis-1,3-Dichloropene	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Dibromochloromethane	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Dichloromethane											
Ethylbenzene	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
m- & p-Xylene	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Methyl-tert-butylether (MTBE)	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
o-Xylene	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Tetrachloroethene	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Toluene	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
trans-1,2-Dichloroethene	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
trans-1,3-Dichloropene	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Trichloroethene	< 5	7	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Trichlorofluoromethane											
Vinyl chloride	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10

PHASE I GROUNDWATER DPT SAMPLES

SAMPLE ID	NTCGW02209	NTCGW02230	NTCGW02309	NTCGW02330	NTCGW02409	NTCGW02430	NTCGW02509	NTCGW02530	NTCGW02609	NTCGW02630	NTCGW02709
SAMPLE DATE	7/26/97	7/26/97	7/26/97	7/26/97	7/26/97	7/26/97	7/26/97	7/26/97	7/26/97	7/26/97	7/27/97
Volatiles (ug/L)											
1,1,1,2-Tetrachloroethane	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
1,1,1-Trichloroethane	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
1,1,2,2-Tetrachloroethane	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
1,1,2-Trichloroethane	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
1,1-Dichloroethane	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10
1,1-Dichloroethene	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
1,2,3-Trichloropropane	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
1,2-Dichlorobenzene (ortho)	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
1,2-Dichloroethane	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10
1,2-Dichloropropane											
1,3-Dichlorobenzene (meta)	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
1,4-Dichlorobenzene (para)	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
a-Chlorotoluene	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Benzene	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Bromobenzene	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Bromodichloromethane											
Bromoform											
Bromomethane											
Carbon tetrachloride	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Chlorobenzene	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Chloroethane											
Chloroform	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Chloromethane											
cis-1,2-Dichloroethene	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
cis-1,3-Dichloropene	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Dibromochloromethane	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Dichloromethane											
Ethylbenzene	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
m- & p-Xylene	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Methyl-tert-butylether (MTBE)	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
o-Xylene	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Tetrachloroethene	< 5	< 5	< 5	57	< 5	180	< 5	18	< 5	22	< 5
Toluene	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
trans-1,2-Dichloroethene	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
trans-1,3-Dichloropene	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Trichloroethene	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Trichlorofluoromethane											
Vinyl chloride	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10

PHASE I GROUNDWATER DPT SAMPLES

SAMPLE ID	NTCGW02730	NTCGW02809	NTCGW02830	NTCGW02909	NTCGW02930	NTCGW03009	NTCGW03030	NTCGW03030-A	NTCGW003109	NTCGW03130	NTCGW03209
SAMPLE DATE	7/27/97	7/27/97	7/27/97	7/27/97	7/27/97	7/27/97	7/27/97	7/28/97	7/27/97	7/27/97	7/27/97
Volatiles (ug/L)											
1,1,1,2-Tetrachloroethane	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
1,1,1-Trichloroethane	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
1,1,2,2-Tetrachloroethane	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
1,1,2-Trichloroethane	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
1,1-Dichloroethane	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10
1,1-Dichloroethene	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
1,2,3-Trichloropropane	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
1,2-Dichlorobenzene (ortho)	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
1,2-Dichloroethane	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10
1,2-Dichloropropane											
1,3-Dichlorobenzene (meta)	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
1,4-Dichlorobenzene (para)	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
a-Chlorotoluene	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Benzene	< 5	< 5	< 5	< 5	< 5	< 5	12	9	< 5	15	< 5
Bromobenzene	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Bromodichloromethane											
Bromoform											
Bromomethane											
Carbon tetrachloride	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Chlorobenzene	< 5	< 5	< 5	< 5	< 5	< 5	12	9	< 5	13	< 5
Chloroethane											
Chloroform	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Chloromethane											
cis-1,2-Dichloroethene	< 5	< 5	< 5	< 5	6	< 5	9	7	< 5	12	< 5
cis-1,3-Dichloropene	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Dibromochloromethane	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Dichloromethane											
Ethylbenzene	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
m- & p-Xylene	< 5	< 5	< 5	< 5	< 5	< 5	13	11	< 5	20	< 5
Methyl-tert-butylether (MTBE)	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
o-Xylene	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Tetrachloroethene	5	< 5	12	< 5	6	< 5	< 5	< 5	< 5	< 5	< 5
Toluene	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
trans-1,2-Dichloroethene	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
trans-1,3-Dichloropene	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Trichloroethene	< 5	< 5	< 5	< 5	6	< 5	< 5	< 5	< 5	< 5	< 5
Trichlorofluoromethane											
Vinyl chloride	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10

PHASE I GROUNDWATER DPT SAMPLES

SAMPLE ID	NTCGW03230	NTCGW03312	NTCGW03330	NTCGW03412	NTCGW03430	NTCGW03512	NTCGW03530	NTCGW03612	NTCGW03630	NTCGW03712	NTCGW03730
SAMPLE DATE	7/27/97	7/22/97	7/22/97	7/22/97	7/22/97	7/22/97	7/22/97	7/23/97	7/23/97	7/23/97	7/23/97
Volatiles (ug/L)											
1,1,1,2-Tetrachloroethane	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
1,1,1-Trichloroethane	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
1,1,2,2-Tetrachloroethane	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
1,1,2-Trichloroethane	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
1,1-Dichloroethane	23	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10
1,1-Dichloroethene	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
1,2,3-Trichloropropane	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
1,2-Dichlorobenzene (ortho)	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
1,2-Dichloroethane	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10
1,2-Dichloropropane											
1,3-Dichlorobenzene (meta)	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
1,4-Dichlorobenzene (para)	6	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
a-Chlorotoluene	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Benzene	17	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Bromobenzene	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Bromodichloromethane											
Bromoform											
Bromomethane											
Carbon tetrachloride	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Chlorobenzene	24	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Chloroethane											
Chloroform	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Chloromethane											
cis-1,2-Dichloroethene	10	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
cis-1,3-Dichloropene	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Dibromochloromethane	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Dichloromethane											
Ethylbenzene	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
m- & p-Xylene	66	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Methyl-tert-butylether (MTBE)	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
o-Xylene	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Tetrachloroethene	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Toluene	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
trans-1,2-Dichloroethene	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
trans-1,3-Dichloropene	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Trichloroethene	6	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Trichlorofluoromethane											
Vinyl chloride	12	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10

PHASE I GROUNDWATER DPT SAMPLES

SAMPLE ID	NTCGW03812	NTCGW03830	NTCGW03912	NTCGW03930	NTCGW04012	NTCGW04030	NTCGW04112	NTCGW04130	NTCGW04212	NTCGW04230	NTCGW04312
SAMPLE DATE	7/23/97	7/23/97	7/23/97	7/23/97	7/23/97	7/23/97	7/23/97	7/23/97	7/23/97	7/23/97	7/23/97
Volatiles (µg/L)											
1,1,1,2-Tetrachloroethane	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
1,1,1-Trichloroethane	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
1,1,2,2-Tetrachloroethane	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
1,1,2-Trichloroethane	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
1,1-Dichloroethane	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10
1,1-Dichloroethene	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
1,2,3-Trichloropropane	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
1,2-Dichlorobenzene (ortho)	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
1,2-Dichloroethane	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10
1,2-Dichloropropane											
1,3-Dichlorobenzene (meta)	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
1,4-Dichlorobenzene (para)	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
a-Chlorotoluene	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Benzene	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Bromobenzene	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Bromodichloromethane											
Bromoform											
Bromomethane											
Carbon tetrachloride	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Chlorobenzene	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Chloroethane											
Chloroform	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Chloromethane											
cis-1,2-Dichloroethene	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
cis-1,3-Dichloropene	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Dibromochloromethane	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Dichloromethane											
Ethylbenzene	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
m- & p-Xylene	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Methyl-tert-butylether (MTBE)	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
o-Xylene	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Tetrachloroethene	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Toluene	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
trans-1,2-Dichloroethene	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
trans-1,3-Dichloropene	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Trichloroethene	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Trichlorofluoromethane											
Vinyl chloride	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10

PHASE I GROUNDWATER DPT SAMPLES

SAMPLE ID	NTCGW04330	NTCGW04412	NTCGW04430	NTCGW04512	NTCGW04530	NTCGW04612	NTCGW04630	NTCGW04712	NTCGW04730	NTCGW04812	NTCGW04830
SAMPLE DATE	7/23/97	7/24/97	7/24/97	7/24/97	7/24/97	7/24/97	7/24/97	7/24/97	7/24/97	7/24/97	7/24/97
Volatiles (ug/L)											
1,1,1,2-Tetrachloroethane	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
1,1,1-Trichloroethane	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
1,1,2,2-Tetrachloroethane	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
1,1,2-Trichloroethane	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
1,1-Dichloroethane	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10
1,1-Dichloroethene	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
1,2,3-Trichloropropane	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
1,2-Dichlorobenzene (ortho)	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
1,2-Dichloroethane	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10
1,2-Dichloropropane											
1,3-Dichlorobenzene (meta)	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
1,4-Dichlorobenzene (para)	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
a-Chlorotoluene	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Benzene	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Bromobenzene	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Bromodichloromethane											
Bromoform											
Bromomethane											
Carbon tetrachloride	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Chlorobenzene	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Chloroethane											
Chloroform	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Chloromethane											
cis-1,2-Dichloroethene	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	5	< 5
cis-1,3-Dichloropene	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Dibromochloromethane	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Dichloromethane											
Ethylbenzene	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
m- & p-Xylene	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Methyl-tert-butylether (MTBE)	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
o-Xylene	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Tetrachloroethene	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Toluene	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
trans-1,2-Dichloroethene	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	5	< 5
trans-1,3-Dichloropene	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Trichloroethene	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Trichlorofluoromethane											
Vinyl chloride	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10

PHASE I GROUNDWATER DPT SAMPLES

SAMPLE ID	NTCGW04912	NTCGW04930	NTCGW05015	NTCGW05030	NTCGW05109	NTCGW05130	NTCGW05209	NTCGW05230	NTCGW05309	NTCGW05330	NTCGW05409
SAMPLE DATE	7/24/97	7/24/97	7/24/97	7/24/97	7/27/97	7/27/97	7/27/97	7/27/97	7/27/97	7/27/97	7/27/97
Volatiles (ug/L)											
1,1,1,2-Tetrachloroethane	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
1,1,1-Trichloroethane	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
1,1,2,2-Tetrachloroethane	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
1,1,2-Trichloroethane	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
1,1-Dichloroethane	< 10	< 10	< 10	< 10	< 10	7	< 10	< 10	< 10	< 10	< 10
1,1-Dichloroethene	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
1,2,3-Trichloropropane	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
1,2-Dichlorobenzene (ortho)	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
1,2-Dichloroethane	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10
1,2-Dichloropropane											
1,3-Dichlorobenzene (meta)	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
1,4-Dichlorobenzene (para)	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
a-Chlorotoluene	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Benzene	11	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Bromobenzene	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Bromodichloromethane											
Bromoform											
Bromomethane											
Carbon tetrachloride	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Chlorobenzene	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Chloroethane											
Chloroform	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Chloromethane											
cis-1,2-Dichloroethene	47	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	5	< 5
cis-1,3-Dichloropene	< 5	< 5	< 5	< 5	< 5	9	< 5	< 5	< 5	< 5	< 5
Dibromochloromethane	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Dichloromethane											
Ethylbenzene	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
m- & p-Xylene	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Methyl-tert-butylether (MTBE)	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
o-Xylene	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Tetrachloroethene	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Toluene	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
trans-1,2-Dichloroethene	< 5	< 5	< 5	< 5	< 5	7	< 5	< 5	< 5	6	< 5
trans-1,3-Dichloropene	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Trichloroethene	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Trichlorofluoromethane											
Vinyl chloride	19	< 10	< 10	< 10	< 10	11	< 10	< 10	< 10	< 10	< 10

PHASE I GROUNDWATER DPT SAMPLES

SAMPLE ID	NTCGW05430	NTCGW05509	NTCGW05530	NTCGW05609	NTCGW05630	NTCGW05709	NTCGW05730	NTCGW05809	NTCGW05830	NTCGW05910	NTCGW05930
SAMPLE DATE	7/27/97	7/28/97	7/28/97	7/28/97	7/28/97	7/28/97	7/28/97	7/28/97	7/28/97	7/28/97	7/28/97
Volatiles (ug/L)											
1,1,1,2-Tetrachloroethane	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
1,1,1-Trichloroethane	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
1,1,2,2-Tetrachloroethane	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
1,1,2-Trichloroethane	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
1,1-Dichloroethane	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10
1,1-Dichloroethene	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
1,2,3-Trichloropropane	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
1,2-Dichlorobenzene (ortho)	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
1,2-Dichloroethane	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10
1,2-Dichloropropane											
1,3-Dichlorobenzene (meta)	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
1,4-Dichlorobenzene (para)	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
a-Chlorotoluene	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Benzene	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Bromobenzene	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Bromodichloromethane											
Bromoform											
Bromomethane											
Carbon tetrachloride	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Chlorobenzene	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Chloroethane											
Chloroform	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Chloromethane											
cis-1,2-Dichloroethene	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
cis-1,3-Dichloropene	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Dibromochloromethane	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Dichloromethane											
Ethylbenzene	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
m- & p-Xylene	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Methyl-tert-butylether (MTBE)	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
o-Xylene	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Tetrachloroethene	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Toluene	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
trans-1,2-Dichloroethene	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
trans-1,3-Dichloropene	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Trichloroethene	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Trichlorofluoromethane											
Vinyl chloride	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10

PHASE I GROUNDWATER DPT SAMPLES

SAMPLE ID	NTCGW06010	NTCGW06030	NTCGW06110	NTCGW06130	NTCGW06209	NTCGW06230	NTCGW06309	NTCGW06330	NTCGW06409	NTCGW06430	NTCGW06509
SAMPLE DATE	7/28/97	7/28/97	7/28/97	7/28/97	8/21/97	8/21/97	8/21/97	8/21/97	8/21/97	8/21/97	9/11/97
Volatiles (ppb)											
1,1,1,2-Tetrachloroethane	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
1,1,1-Trichloroethane	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
1,1,2,2-Tetrachloroethane	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
1,1,2-Trichloroethane	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
1,1-Dichloroethane	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 5
1,1-Dichloroethene	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
1,2,3-Trichloropropane	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
1,2-Dichlorobenzene (ortho)	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
1,2-Dichloroethane	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 5
1,2-Dichloropropane											< 5
1,3-Dichlorobenzene (meta)	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
1,4-Dichlorobenzene (para)	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
a-Chlorotoluene	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	
Benzene	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Bromobenzene	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Bromodichloromethane											< 5
Bromoform											< 5
Bromomethane											< 5
Carbon tetrachloride	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Chlorobenzene	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Chloroethane											< 5
Chloroform	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Chloromethane											< 5
cis-1,2-Dichloroethene	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
cis-1,3-Dichloropene	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	
Dibromochloromethane	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Dichloromethane											< 5
Ethylbenzene	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
m- & p-Xylene	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Methyl-tert-butylether (MTBE)	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	
o-Xylene	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Tetrachloroethene	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Toluene	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
trans-1,2-Dichloroethene	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
trans-1,3-Dichloropene	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Trichloroethene	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Trichlorofluoromethane											< 5
Vinyl chloride	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 5

PHASE I GROUNDWATER DPT SAMPLES

SAMPLE ID	NTCGW06530	NTCGW06609	NTCGW06630	NTCGW06809	NTCGW06830	NTCGW07009	NTCGW07030	NTCGW07209	NTCGW07230	NTCGW07309	NTCGW07330
SAMPLE DATE	9/11/97	9/11/97	9/11/97	9/11/97	9/11/97	9/11/97	9/11/97	8/18/97	8/18/97	8/18/97	8/18/97
Volatiles (µg/L)											
1,1,1,2-Tetrachloroethane	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
1,1,1-Trichloroethane	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
1,1,2,2-Tetrachloroethane	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
1,1,2-Trichloroethane	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
1,1-Dichloroethane	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 10	< 10	< 10	< 10
1,1-Dichloroethene	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
1,2,3-Trichloropropane	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
1,2-Dichlorobenzene (ortho)	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
1,2-Dichloroethane	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 10	< 10	< 10	< 10
1,2-Dichloropropane	< 5	< 5	< 5	< 5	< 5	< 5	< 5				
1,3-Dichlorobenzene (meta)	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
1,4-Dichlorobenzene (para)	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
a-Chlorotoluene								< 5	< 5	< 5	< 5
Benzene	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Bromobenzene	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Bromodichloromethane	< 5	< 5	< 5	< 5	< 5	< 5	< 5				
Bromoform	< 5	< 5	< 5	< 5	< 5	< 5	< 5				
Bromomethane	< 5	< 5	< 5	< 5	< 5	< 5	< 5				
Carbon tetrachloride	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Chlorobenzene	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Chloroethane	< 5	< 5	< 5	< 5	< 5	< 5	< 5				
Chloroform	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Chloromethane	< 5	< 5	< 5	< 5	< 5	< 5	< 5				
cis-1,2-Dichloroethene	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
cis-1,3-Dichloropene								< 5	< 5	< 5	< 5
Dibromochloromethane	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Dichloromethane	< 5	< 5	< 5	< 5	< 5	< 5	< 5				
Ethylbenzene	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
m- & p-Xylene	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Methyl-tert-butylether (MTBE)								< 5	< 5	< 5	< 5
o-Xylene	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Tetrachloroethene	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Toluene	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
trans-1,2-Dichloroethene	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
trans-1,3-Dichloropene	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Trichloroethene	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Trichlorofluoromethane	< 5	< 5	< 5	< 5	< 5	< 5	< 5				
Vinyl chloride	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 10	< 10	< 10	< 10

PHASE I GROUNDWATER DPT SAMPLES

SAMPLE ID	NTCGW07409	NTCGW07430	NTCGW07509	NTCGW07530	NTCGW07609	NTCGW07630	NTCGW07709	NTCGW07730	NTCGW07809	NTCGW07830	NTCGW07909
SAMPLE DATE	8/18/97	8/18/97	8/13/97	8/13/97	8/13/97	8/13/97	8/13/97	8/13/97	8/13/97	8/13/97	8/13/97
Volatiles (ug/L)											
1,1,1,2-Tetrachloroethane	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
1,1,1-Trichloroethane	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
1,1,2,2-Tetrachloroethane	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
1,1,2-Trichloroethane	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
1,1-Dichloroethane	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10
1,1-Dichloroethene	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
1,2,3-Trichloropropane	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
1,2-Dichlorobenzene (ortho)	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
1,2-Dichloroethane	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10
1,2-Dichloropropane											
1,3-Dichlorobenzene (meta)	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
1,4-Dichlorobenzene (para)	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
a-Chlorotoluene	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Benzene	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Bromobenzene	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Bromodichloromethane											
Bromoform											
Bromomethane											
Carbon tetrachloride	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Chlorobenzene	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Chloroethane											
Chloroform	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Chloromethane											
cis-1,2-Dichloroethene	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
cis-1,3-Dichloropene	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Dibromochloromethane	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Dichloromethane											
Ethylbenzene	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
m- & p-Xylene	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Methyl-tert-butylether (MTBE)	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
o-Xylene	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Tetrachloroethene	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Toluene	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
trans-1,2-Dichloroethene	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
trans-1,3-Dichloropene	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Trichloroethene	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Trichlorofluoromethane											
Vinyl chloride	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10

PHASE I GROUNDWATER DPT SAMPLES

SAMPLE ID	NTCGW07930	NTCGW08009	NTCGW08030	NTCGW08109	NTCGW08130	NTCGW08209	NTCGW08230	NTCGW08309	NTCGW08330	NTCGW08409	NTCGW08430
SAMPLE DATE	8/13/97	8/12/97	8/12/97	8/12/97	8/12/97	8/12/97	8/12/97	8/19/97	8/19/97	8/19/97	8/19/97
Volatiles (ug/L)											
1,1,1,2-Tetrachloroethane	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
1,1,1-Trichloroethane	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
1,1,2,2-Tetrachloroethane	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
1,1,2-Trichloroethane	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
1,1-Dichloroethane	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10
1,1-Dichloroethene	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
1,2,3-Trichloropropane	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
1,2-Dichlorobenzene (ortho)	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
1,2-Dichloroethane	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10
1,2-Dichloropropane											
1,3-Dichlorobenzene (meta)	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
1,4-Dichlorobenzene (para)	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
a-Chlorotoluene	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Benzene	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Bromobenzene	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Bromodichloromethane											
Bromoform											
Bromomethane											
Carbon tetrachloride	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Chlorobenzene	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Chloroethane											
Chloroform	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Chloromethane											
cis-1,2-Dichloroethene	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
cis-1,3-Dichloropene	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Dibromochloromethane	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Dichloromethane											
Ethylbenzene	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
m- & p-Xylene	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Methyl-tert-butylether (MTBE)	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
o-Xylene	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Tetrachloroethene	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Toluene	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
trans-1,2-Dichloroethene	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
trans-1,3-Dichloropene	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Trichloroethene	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Trichlorofluoromethane											
Vinyl chloride	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10

PHASE I GROUNDWATER DPT SAMPLES

SAMPLE ID	NTCGW08509	NTCGW08530	NTCGW08609	NTCGW08630	NTCGW08709	NTCGW08730	NTCGW08809	NTCGW08830	NTCGW08909	NTCGW08930	NTCGW09009
SAMPLE DATE	8/19/97	8/19/97	8/19/97	8/19/97	8/19/97	8/19/97	8/19/97	8/19/97	8/19/97	8/19/97	8/19/97
Volatiles (ppb)											
1,1,1,2-Tetrachloroethane	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
1,1,1-Trichloroethane	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
1,1,2,2-Tetrachloroethane	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
1,1,2-Trichloroethane	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
1,1-Dichloroethane	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10
1,1-Dichloroethene	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
1,2,3-Trichloropropane	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
1,2-Dichlorobenzene (ortho)	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
1,2-Dichloroethane	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10
1,2-Dichloropropane											
1,3-Dichlorobenzene (meta)	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
1,4-Dichlorobenzene (para)	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
a-Chlorotoluene	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Benzene	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Bromobenzene	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Bromodichloromethane											
Bromoform											
Bromomethane											
Carbon tetrachloride	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Chlorobenzene	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Chloroethane											
Chloroform	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Chloromethane											
cis-1,2-Dichloroethene	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
cis-1,3-Dichloropene	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Dibromochloromethane	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Dichloromethane											
Ethylbenzene	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
m- & p-Xylene	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Methyl-tert-butylether (MTBE)	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
o-Xylene	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Tetrachloroethene	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Toluene	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
trans-1,2-Dichloroethene	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
trans-1,3-Dichloropene	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Trichloroethene	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Trichlorofluoromethane											
Vinyl chloride	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10

PHASE I GROUNDWATER DPT SAMPLES

SAMPLE ID	NTCGW09030	NTCGW09109	NTCGW09130	NTCGW09209	NTCGW09230	NTCGW09309	NTCGW09330	NTCGW09409	NTCGW09430	NTCGW09509	NTCGW09530
SAMPLE DATE	8/19/97	8/19/97	8/19/97	8/19/97	8/19/97	8/20/97	8/20/97	8/20/97	8/20/97	8/20/97	8/20/97
Volatiles (ug/L)											
1,1,1,2-Tetrachloroethane	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
1,1,1-Trichloroethane	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
1,1,2,2-Tetrachloroethane	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
1,1,2-Trichloroethane	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
1,1-Dichloroethane	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10
1,1-Dichloroethene	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
1,2,3-Trichloropropane	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
1,2-Dichlorobenzene (ortho)	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
1,2-Dichloroethane	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10
1,2-Dichloropropane											
1,3-Dichlorobenzene (meta)	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
1,4-Dichlorobenzene (para)	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
a-Chlorotoluene	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Benzene	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Bromobenzene	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Bromodichloromethane											
Bromoform											
Bromomethane											
Carbon tetrachloride	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Chlorobenzene	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Chloroethane											
Chloroform	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Chloromethane											
cis-1,2-Dichloroethene	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
cis-1,3-Dichloropene	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Dibromochloromethane	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Dichloromethane											
Ethylbenzene	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
m- & p-Xylene	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Methyl-tert-butylether (MTBE)	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
o-Xylene	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Tetrachloroethene	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Toluene	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
trans-1,2-Dichloroethene	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
trans-1,3-Dichloropene	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Trichloroethene	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Trichlorofluoromethane											
Vinyl chloride	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10

PHASE I GROUNDWATER DPT SAMPLES

SAMPLE ID	NTCGW09609	NTCGW09630	NTCGW09809	NTCGW09830	NTCGW09909	NTCGW09930	NTCGW10009	NTCGW10030	NTCGW10109	NTCGW10130	NTCGW10209
SAMPLE DATE	8/20/97	8/20/97	8/20/97	8/20/97	8/20/97	8/20/97	8/11/97	8/11/97	8/11/97	8/11/97	8/11/97
Volatiles (µg/L)											
1,1,1,2-Tetrachloroethane	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
1,1,1-Trichloroethane	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
1,1,2,2-Tetrachloroethane	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
1,1,2-Trichloroethane	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
1,1-Dichloroethane	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10
1,1-Dichloroethene	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
1,2,3-Trichloropropane	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
1,2-Dichlorobenzene (ortho)	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
1,2-Dichloroethane	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10
1,2-Dichloropropane											
1,3-Dichlorobenzene (meta)	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
1,4-Dichlorobenzene (para)	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
a-Chlorotoluene	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Benzene	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Bromobenzene	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Bromodichloromethane											
Bromoform											
Bromomethane											
Carbon tetrachloride	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Chlorobenzene	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Chloroethane											
Chloroform	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Chloromethane											
cis-1,2-Dichloroethene	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
cis-1,3-Dichloropene	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Dibromochloromethane	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Dichloromethane											
Ethylbenzene	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
m- & p-Xylene	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Methyl-tert-butylether (MTBE)	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
o-Xylene	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Tetrachloroethene	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Toluene	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
trans-1,2-Dichloroethene	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
trans-1,3-Dichloropene	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Trichloroethene	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Trichlorofluoromethane											
Vinyl chloride	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10

PHASE I GROUNDWATER DPT SAMPLES

SAMPLE ID	NTCGW10230	NTCGW10309	NTCGW10330	NTCGW10409	NTCGW10430	NTCGW10509	NTCGW10530	NTCGW10609	NTCGW10630	NTCGW10709	NTCGW10730
SAMPLE DATE	8/11/97	8/11/97	8/11/97	8/11/97	8/11/97	8/11/97	8/11/97	8/11/97	8/11/97	8/11/97	8/11/97
Volatiles (ug/L)											
1,1,1,2-Tetrachloroethane	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
1,1,1-Trichloroethane	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
1,1,2,2-Tetrachloroethane	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
1,1,2-Trichloroethane	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
1,1-Dichloroethane	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10
1,1-Dichloroethene	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
1,2,3-Trichloropropane	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
1,2-Dichlorobenzene (ortho)	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
1,2-Dichloroethane	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10
1,2-Dichloropropane											
1,3-Dichlorobenzene (meta)	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
1,4-Dichlorobenzene (para)	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
a-Chlorotoluene	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Benzene	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Bromobenzene	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Bromodichloromethane											
Bromoform											
Bromomethane											
Carbon tetrachloride	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Chlorobenzene	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Chloroethane											
Chloroform	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Chloromethane											
cis-1,2-Dichloroethene	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
cis-1,3-Dichloropene	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Dibromochloromethane	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Dichloromethane											
Ethylbenzene	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
m- & p-Xylene	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Methyl-tert-butylether (MTBE)	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
o-Xylene	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Tetrachloroethene	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Toluene	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
trans-1,2-Dichloroethene	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
trans-1,3-Dichloropene	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Trichloroethene	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Trichlorofluoromethane											
Vinyl chloride	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10

PHASE I GROUNDWATER DPT SAMPLES

SAMPLE ID	NTCGW10809	NTCGW10830	NTCGW10909	NTCGW10930	NTCGW11009	NTCGW11030	NTCGW11109	NTCGW11130	NTCGW11209	NTCGW11230	NTCGW11309
SAMPLE DATE	8/11/97	8/11/97	8/11/97	8/11/97	8/11/97	8/11/97	8/11/97	8/11/97	8/11/97	8/11/97	8/12/97
Volatiles (ug/L)											
1,1,1,2-Tetrachloroethane	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
1,1,1-Trichloroethane	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
1,1,2,2-Tetrachloroethane	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
1,1,2-Trichloroethane	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
1,1-Dichloroethane	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10
1,1-Dichloroethene	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
1,2,3-Trichloropropane	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
1,2-Dichlorobenzene (ortho)	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
1,2-Dichloroethane	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10
1,2-Dichloropropane											
1,3-Dichlorobenzene (meta)	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
1,4-Dichlorobenzene (para)	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
a-Chlorotoluene	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Benzene	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Bromobenzene	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Bromodichloromethane											
Bromoform											
Bromomethane											
Carbon tetrachloride	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Chlorobenzene	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Chloroethane											
Chloroform	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Chloromethane											
cis-1,2-Dichloroethene	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
cis-1,3-Dichloropene	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Dibromochloromethane	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Dichloromethane											
Ethylbenzene	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
m- & p-Xylene	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Methyl-tert-butylether (MTBE)	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
o-Xylene	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Tetrachloroethene	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Toluene	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
trans-1,2-Dichloroethene	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
trans-1,3-Dichloropene	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Trichloroethene	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Trichlorofluoromethane											
Vinyl chloride	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10

PHASE I GROUNDWATER DPT SAMPLES

SAMPLE ID	NTCGW11330	NTCGW11409	NTCGW11430	NTCGW11509	NTCGW11530	NTCGW11609	NTCGW11630	NTCGW11709	NTCGW11730	NTCGW11809	NTCGW11830
SAMPLE DATE	8/12/97	8/12/97	8/12/97	8/11/97	8/11/97	8/11/97	8/11/97	8/11/97	8/11/97	8/11/97	8/11/97
Volatiles (ug/L)											
1,1,1,2-Tetrachloroethane	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
1,1,1-Trichloroethane	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
1,1,2,2-Tetrachloroethane	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
1,1,2-Trichloroethane	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
1,1-Dichloroethane	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10
1,1-Dichloroethene	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
1,2,3-Trichloropropane	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
1,2-Dichlorobenzene (ortho)	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
1,2-Dichloroethane	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10
1,2-Dichloropropane											
1,3-Dichlorobenzene (meta)	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
1,4-Dichlorobenzene (para)	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
a-Chlorotoluene	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Benzene	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Bromobenzene	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Bromodichloromethane											
Bromoform											
Bromomethane											
Carbon tetrachloride	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Chlorobenzene	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Chloroethane											
Chloroform	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Chloromethane											
cis-1,2-Dichloroethene	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
cis-1,3-Dichloropene	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Dibromochloromethane	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Dichloromethane											
Ethylbenzene	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
m- & p-Xylene	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Methyl-tert-butylether (MTBE)	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
o-Xylene	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Tetrachloroethene	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Toluene	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
trans-1,2-Dichloroethene	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
trans-1,3-Dichloropene	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Trichloroethene	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Trichlorofluoromethane											
Vinyl chloride	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10

PHASE I GROUNDWATER DPT SAMPLES

SAMPLE ID	NTCGW11909	NTCGW11930	NTCGW12009	NTCGW12030	NTCGW12109	NTCGW12130	NTCGW12209	NTCGW12230	NTCGW12309	NTCGW12330	NTCGW12409
SAMPLE DATE	8/9/97	8/9/97	8/9/97	8/9/97	8/9/97	8/9/97	8/9/97	8/9/97	8/9/97	8/9/97	8/9/97
Volatiles (ug/L)											
1,1,1,2-Tetrachloroethane	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
1,1,1-Trichloroethane	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
1,1,2,2-Tetrachloroethane	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
1,1,2-Trichloroethane	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
1,1-Dichloroethane	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10
1,1-Dichloroethene	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
1,2,3-Trichloropropane	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
1,2-Dichlorobenzene (ortho)	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
1,2-Dichloroethane	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10
1,2-Dichloropropane											
1,3-Dichlorobenzene (meta)	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
1,4-Dichlorobenzene (para)	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
a-Chlorotoluene	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Benzene	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Bromobenzene	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Bromodichloromethane											
Bromoform											
Bromomethane											
Carbon tetrachloride	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Chlorobenzene	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Chloroethane											
Chloroform	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Chloromethane											
cis-1,2-Dichloroethene	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
cis-1,3-Dichloropene	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Dibromochloromethane	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Dichloromethane											
Ethylbenzene	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
m- & p-Xylene	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Methyl-tert-butylether (MTBE)	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
o-Xylene	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Tetrachloroethene	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Toluene	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
trans-1,2-Dichloroethene	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
trans-1,3-Dichloropene	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Trichloroethene	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Trichlorofluoromethane											
Vinyl chloride	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10

PHASE I GROUNDWATER DPT SAMPLES

SAMPLE ID	NTCGW12430	NTCGW12509	NTCGW12530	NTCGW12609	NTCGW12630	NTCGW12709	NTCGW12730	NTCGW12809	NTCGW12830	NTCGW12909	NTCGW12930
SAMPLE DATE	8/9/97	8/9/97	8/9/97	8/20/97	8/20/97	8/9/97	8/9/97	8/9/97	8/9/97	8/9/97	8/9/97
Volatiles (ug/L)											
1,1,1,2-Tetrachloroethane	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
1,1,1-Trichloroethane	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
1,1,2,2-Tetrachloroethane	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
1,1,2-Trichloroethane	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
1,1-Dichloroethane	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10
1,1-Dichloroethene	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
1,2,3-Trichloropropane	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
1,2-Dichlorobenzene (ortho)	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
1,2-Dichloroethane	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10
1,2-Dichloropropane											
1,3-Dichlorobenzene (meta)	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
1,4-Dichlorobenzene (para)	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
a-Chlorotoluene	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Benzene	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Bromobenzene	< 5	< 5	< 5	< 5	< 5	< 5	< 5	7	< 5	24 H	< 5
Bromodichloromethane											
Bromoform											
Bromomethane											
Carbon tetrachloride	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Chlorobenzene	< 5	< 5	< 5	< 5	< 5	< 5	< 5	9	< 5	22 H	< 5
Chloroethane											
Chloroform	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Chloromethane											
cis-1,2-Dichloroethene	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
cis-1,3-Dichloropene	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Dibromochloromethane	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Dichloromethane											
Ethylbenzene	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
m- & p-Xylene	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Methyl-tert-butylether (MTBE)	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
o-Xylene	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Tetrachloroethene	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Toluene	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
trans-1,2-Dichloroethene	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
trans-1,3-Dichloropene	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Trichloroethene	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Trichlorofluoromethane											
Vinyl chloride	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10

PHASE I GROUNDWATER DPT SAMPLES

PARAMETER	NTCGW13009	NTCGW13030	NTCGW13109	NTCGW13130	NTCGW13209	NTCGW13230	NTCGW13309	NTCGW13330	NTCGW13409	NTCGW13430	NTCGW13509
SAMPLE DATE	8/8/97	8/8/97	8/8/97	8/8/97	8/8/97	8/8/97	8/8/97	8/8/97	8/8/97	8/8/97	8/8/97
Volatiles (ug/L)											
1,1,1,2-Tetrachloroethane	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
1,1,1-Trichloroethane	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
1,1,2,2-Tetrachloroethane	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
1,1,2-Trichloroethane	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
1,1-Dichloroethane	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10
1,1-Dichloroethene	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
1,2,3-Trichloropropane	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
1,2-Dichlorobenzene (ortho)	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
1,2-Dichloroethane	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10
1,2-Dichloropropane											
1,3-Dichlorobenzene (meta)	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
1,4-Dichlorobenzene (para)	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
a-Chlorotoluene	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Benzene	< 5	10	8	< 5	< 5	7	< 5	< 5	< 5	< 5	< 5
Bromobenzene	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Bromodichloromethane											
Bromoform											
Bromomethane											
Carbon tetrachloride	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Chlorobenzene	< 5	14	10	12	< 5	9	< 5	< 5	< 5	< 5	< 5
Chloroethane											
Chloroform	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Chloromethane											
cis-1,2-Dichloroethene	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
cis-1,3-Dichloropene	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Dibromochloromethane	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Dichloromethane											
Ethylbenzene	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
m- & p-Xylene	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Methyl-tert-butylether (MTBE)	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
o-Xylene	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Tetrachloroethene	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Toluene	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
trans-1,2-Dichloroethene	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
trans-1,3-Dichloropene	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Trichloroethene	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Trichlorofluoromethane											
Vinyl chloride	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10

PHASE I GROUNDWATER DPT SAMPLES

PARAMETER	NTCGW13520	NTCGW13609	NTCGW13630	NTCGW13709	NTCGW13730	NTCGW13809	NTCGW13830	NTCGW13909	NTCGW13930	NTCGW14009	NTCGW14030
SAMPLE DATE	8/12/97	8/8/97	8/8/97	8/8/97	8/8/97	8/8/97	8/8/97	8/8/97	8/8/97	8/7/97	8/7/97
Volatiles (ppb)											
1,1,1,2-Tetrachloroethane	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
1,1,1-Trichloroethane	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
1,1,2,2-Tetrachloroethane	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
1,1,2-Trichloroethane	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
1,1-Dichloroethane	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10
1,1-Dichloroethene	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
1,2,3-Trichloropropane	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
1,2-Dichlorobenzene (ortho)	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
1,2-Dichloroethane	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10
1,2-Dichloropropane											
1,3-Dichlorobenzene (meta)	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
1,4-Dichlorobenzene (para)	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
a-Chlorotoluene	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Benzene	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Bromobenzene	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Bromodichloromethane											
Bromoform											
Bromomethane											
Carbon tetrachloride	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Chlorobenzene	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Chloroethane											
Chloroform	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Chloromethane											
cis-1,2-Dichloroethene	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
cis-1,3-Dichloropene	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Dibromochloromethane	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Dichloromethane											
Ethylbenzene	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
m- & p-Xylene	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Methyl-tert-butylether (MTBE)	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
o-Xylene	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Tetrachloroethene	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Toluene	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
trans-1,2-Dichloroethene	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
trans-1,3-Dichloropene	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Trichloroethene	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Trichlorofluoromethane											
Vinyl chloride	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10

PHASE I GROUNDWATER DPT SAMPLES

PARAMETER	NTCGW14109	NTCGW14130	NTCGW14209	NTCGW14230	NTCGW14309	NTCGW14330	NTCGW14409	NTCGW14430	NTCGW14509	NTCGW14530	NTCGW14609
SAMPLE DATE	8/7/97	8/7/97	8/7/97	8/7/97	8/7/97	8/7/97	8/7/97	8/7/97	7/28/97	7/28/97	7/28/97
Volatiles (µg/L)											
1,1,1,2-Tetrachloroethane	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
1,1,1-Trichloroethane	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
1,1,2,2-Tetrachloroethane	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
1,1,2-Trichloroethane	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
1,1-Dichloroethane	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10
1,1-Dichloroethene	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	51	< 10
1,2,3-Trichloropropane	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
1,2-Dichlorobenzene (ortho)	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
1,2-Dichloroethane	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10
1,2-Dichloropropane											
1,3-Dichlorobenzene (meta)	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	33	< 5
1,4-Dichlorobenzene (para)	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
a-Chlorotoluene	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Benzene	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	10	< 5
Bromobenzene	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Bromodichloromethane											
Bromoform											
Bromomethane											
Carbon tetrachloride	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Chlorobenzene	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Chloroethane											
Chloroform	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Chloromethane											
cis-1,2-Dichloroethene	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	58	< 5
cis-1,3-Dichloropene	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Dibromochloromethane	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Dichloromethane											
Ethylbenzene	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
m- & p-Xylene	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	32	< 5
Methyl-tert-butylether (MTBE)	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
o-Xylene	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	7	< 5
Tetrachloroethene	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Toluene	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
trans-1,2-Dichloroethene	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	42	< 5
trans-1,3-Dichloropene	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Trichloroethene	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Trichlorofluoromethane											
Vinyl chloride	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10

PARAMETER	NTCGW14630	NTCGW14709	NTCGW14730	NTCGW14809	NTCGW14830	NTCGW14909	NTCGW14930	NTCGW15009	NTCGW15030	NTCGW15109	NTCGW15130
SAMPLE DATE	7/28/97	7/28/97	7/28/97	7/29/97	7/29/97	7/29/97	7/29/97	7/29/97	7/29/97	7/29/97	7/29/97
Volatiles (ug/L)											
1,1,1,2-Tetrachloroethane	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
1,1,1-Trichloroethane	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
1,1,2,2-Tetrachloroethane	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
1,1,2-Trichloroethane	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
1,1-Dichloroethane	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10
1,1-Dichloroethene	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
1,2,3-Trichloropropane	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
1,2-Dichlorobenzene (ortho)	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
1,2-Dichloroethane	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10
1,2-Dichloropropane											
1,3-Dichlorobenzene (meta)	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
1,4-Dichlorobenzene (para)	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
a-Chlorotoluene	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Benzene	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Bromobenzene	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Bromodichloromethane											
Bromoform											
Bromomethane											
Carbon tetrachloride	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Chlorobenzene	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Chloroethane											
Chloroform	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Chloromethane											
cis-1,2-Dichloroethene	12	< 5	< 5	< 5	6	< 5	< 5	< 5	< 5	< 5	< 5
cis-1,3-Dichloropene	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Dibromochloromethane	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Dichloromethane											
Ethylbenzene	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
m- & p-Xylene	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Methyl-tert-butylether (MTBE)	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
o-Xylene	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Tetrachloroethene	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Toluene	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
trans-1,2-Dichloroethene	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
trans-1,3-Dichloropene	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Trichloroethene	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Trichlorofluoromethane											
Vinyl chloride	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10

PARAMETER	NTCGW15209	NTCGW15230	NTCGW15309	NTCGW15330	NTCGW15409	NTCGW15430	NTCGW15509	NTCGW15530	NTCGW15609	NTCGW15630	NTCGW15709
SAMPLE DATE	7/29/97	7/29/97	7/29/97	7/29/97	7/29/97	7/29/97	7/29/97	7/30/97	7/30/97	7/30/97	7/30/97
Volatiles (ug/L)											
1,1,1,2-Tetrachloroethane	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
1,1,1-Trichloroethane	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
1,1,2,2-Tetrachloroethane	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
1,1,2-Trichloroethane	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
1,1-Dichloroethane	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10
1,1-Dichloroethene	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
1,2,3-Trichloropropane	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
1,2-Dichlorobenzene (ortho)	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
1,2-Dichloroethane	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10
1,2-Dichloropropane											
1,3-Dichlorobenzene (meta)	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
1,4-Dichlorobenzene (para)	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
a-Chlorotoluene	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Benzene	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Bromobenzene	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Bromodichloromethane											
Bromoform											
Bromomethane											
Carbon tetrachloride	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Chlorobenzene	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Chloroethane											
Chloroform	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Chloromethane											
cis-1,2-Dichloroethene	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
cis-1,3-Dichloropene	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Dibromochloromethane	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Dichloromethane											
Ethylbenzene	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
m- & p-Xylene	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Methyl-tert-butylether (MTBE)	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
o-Xylene	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Tetrachloroethene	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Toluene	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
trans-1,2-Dichloroethene	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
trans-1,3-Dichloropene	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Trichloroethene	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Trichlorofluoromethane											
Vinyl chloride	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10

PARAMETER	NTCGWG15730	NTCGWG15809	NTCGWG15830	NTCGWG15909	NTCGWG15930	NTCGW16009	NTCGW16030	NTCGW16109	NTCGW16130	NTCGW16209
SAMPLE DATE	8/4/97	8/4/97	8/4/97	8/4/97	8/4/97	8/5/97	8/5/97	8/5/97	8/5/97	8/5/97
Volatiles (ug/L)										
1,1,1,2-Tetrachloroethane	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
1,1,1-Trichloroethane	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
1,1,2,2-Tetrachloroethane	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
1,1,2-Trichloroethane	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
1,1-Dichloroethane	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10
1,1-Dichloroethene	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
1,2,3-Trichloropropane	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
1,2-Dichlorobenzene (ortho)	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
1,2-Dichloroethane	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10
1,2-Dichloropropane										
1,3-Dichlorobenzene (meta)	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
1,4-Dichlorobenzene (para)	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
a-Chlorotoluene	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Benzene	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Bromobenzene	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Bromodichloromethane										
Bromoform										
Bromomethane										
Carbon tetrachloride	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Chlorobenzene	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Chloroethane										
Chloroform	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Chloromethane										
cis-1,2-Dichloroethene	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
cis-1,3-Dichloropene	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Dibromochloromethane	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Dichloromethane										
Ethylbenzene	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
m- & p-Xylene	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Methyl-tert-butylether (MTBE)	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
o-Xylene	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Tetrachloroethene	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Toluene	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
trans-1,2-Dichloroethene	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
trans-1,3-Dichloropene	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Trichloroethene	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Trichlorofluoromethane										
Vinyl chloride	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10

PARAMETER	NTCGW16230	NTCGW16309	NTCGW16330	NTCGW16409	NTCGW16430	NTCGW16509	NTCGW16530	NTCGW16609	NTCGW16630	NTCGW16709	NTCGW16730
SAMPLE DATE	8/5/97	8/5/97	8/5/97	8/6/97	8/6/97	8/6/97	8/6/97	8/6/97	8/6/97	8/6/97	8/6/97
Volatiles (ug/L)											
1,1,1,2-Tetrachloroethane	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
1,1,1-Trichloroethane	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
1,1,2,2-Tetrachloroethane	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
1,1,2-Trichloroethane	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
1,1-Dichloroethane	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10
1,1-Dichloroethene	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
1,2,3-Trichloropropane	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
1,2-Dichlorobenzene (ortho)	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
1,2-Dichloroethane	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10
1,2-Dichloropropane											
1,3-Dichlorobenzene (meta)	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
1,4-Dichlorobenzene (para)	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
a-Chlorotoluene	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Benzene	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Bromobenzene	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Bromodichloromethane											
Bromoform											
Bromomethane											
Carbon tetrachloride	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Chlorobenzene	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Chloroethane											
Chloroform	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Chloromethane											
cis-1,2-Dichloroethene	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
cis-1,3-Dichloropene	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Dibromochloromethane	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Dichloromethane											
Ethylbenzene	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
m- & p-Xylene	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Methyl-tert-butylether (MTBE)	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
o-Xylene	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Tetrachloroethene	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Toluene	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
trans-1,2-Dichloroethene	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
trans-1,3-Dichloropene	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Trichloroethene	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Trichlorofluoromethane											
Vinyl chloride	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10

PHASE I GROUNDWATER DPT SAMPLES

PARAMETER	NTCGW16809	NTCGW16830	NTCGW16909	NTCGW16930	NTCGW17009	NTCGW17030	NTCGW17109	NTCGW17130	NTCGW17209	NTCGW17230
SAMPLE DATE	8/6/97	8/6/97	8/7/97	8/7/97	8/7/97	8/7/97	8/7/97	8/7/97	9/11/97	9/11/97
Volatiles (ug/L)										
1,1,1,2-Tetrachloroethane	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
1,1,1-Trichloroethane	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
1,1,2,2-Tetrachloroethane	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
1,1,2-Trichloroethane	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
1,1-Dichloroethane	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 5	< 5
1,1-Dichloroethene	< 5	< 5	< 5	< 5	< 5	< 5	< 5	8	< 5	< 5
1,2,3-Trichloropropane	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
1,2-Dichlorobenzene (ortho)	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
1,2-Dichloroethane	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 5	< 5
1,2-Dichloropropane									< 5	< 5
1,3-Dichlorobenzene (meta)	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
1,4-Dichlorobenzene (para)	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
a-Chlorotoluene	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5		
Benzene	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	7
Bromobenzene	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Bromodichloromethane									< 5	< 5
Bromoform									< 5	< 5
Bromomethane									< 5	< 5
Carbon tetrachloride	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Chlorobenzene	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	5
Chloroethane									< 5	< 5
Chloroform	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Chloromethane									< 5	< 5
cis-1,2-Dichloroethene	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	8
cis-1,3-Dichloropene	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5		
Dibromochloromethane	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Dichloromethane									< 5	< 5
Ethylbenzene	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
m- & p-Xylene	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Methyl-tert-butylether (MTBE)	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5		
o-Xylene	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Tetrachloroethene	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Toluene	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
trans-1,2-Dichloroethene	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
trans-1,3-Dichloropene	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Trichloroethene	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Trichlorofluoromethane									< 5	< 5
Vinyl chloride	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 5	< 5

PARAMETER	NTCGW17309	NTCGW17330	NTCGW17409	NTCGW17430
SAMPLE DATE	9/11/97	9/11/97	9/11/97	9/11/97
Volatiles (µg/L)				
1,1,1,2-Tetrachloroethane	< 5	< 5	< 5	< 5
1,1,1-Trichloroethane	< 5	< 5	< 5	< 5
1,1,2,2-Tetrachloroethane	< 5	< 5	< 5	< 5
1,1,2-Trichloroethane	< 5	< 5	< 5	< 5
1,1-Dichloroethane	< 5	< 5	< 5	< 5
1,1-Dichloroethene	< 5	< 5	< 5	< 5
1,2,3-Trichloropropane	< 5	< 5	< 5	< 5
1,2-Dichlorobenzene (ortho)	< 5	< 5	< 5	< 5
1,2-Dichloroethane	< 5	< 5	< 5	< 5
1,2-Dichloropropane	< 5	< 5	< 5	< 5
1,3-Dichlorobenzene (meta)	< 5	< 5	< 5	< 5
1,4-Dichlorobenzene (para)	< 5	< 5	< 5	< 5
a-Chlorotoluene				
Benzene	< 5	7	< 5	< 5
Bromobenzene	< 5	< 5	< 5	< 5
Bromodichloromethane	< 5	< 5	< 5	< 5
Bromoform	< 5	< 5	< 5	< 5
Bromomethane	< 5	< 5	< 5	< 5
Carbon tetrachloride	< 5	< 5	< 5	< 5
Chlorobenzene	< 5	18	< 5	< 5
Chloroethane	< 5	< 5	< 5	< 5
Chloroform	< 5	< 5	< 5	< 5
Chloromethane	< 5	< 5	< 5	< 5
cis-1,2-Dichloroethene	< 5	7	< 5	< 5
cis-1,3-Dichloropene				
Dibromochloromethane	< 5	< 5	< 5	< 5
Dichloromethane	< 5	< 5	< 5	< 5
Ethylbenzene	< 5	< 5	< 5	< 5
m- & p-Xylene	< 5	26	< 5	< 5
Methyl-tert-butylether (MTBE)				
o-Xylene	< 5	5	< 5	< 5
Tetrachloroethene	< 5	< 5	< 5	< 5
Toluene	< 5	< 5	< 5	< 5
trans-1,2-Dichloroethene	< 5	< 5	< 5	< 5
trans-1,3-Dichloropene	< 5	< 5	< 5	< 5
Trichloroethene	< 5	< 5	< 5	< 5
Trichlorofluoromethane	< 5	< 5	< 5	< 5
Vinyl chloride	< 5	6	< 5	< 5

PHASE I GROUNDWATER DPT CONFIRMATION SAMPLES

SAMPLE ID	NTCGWX0409	NTCGWX0630	NTCGWX1430	NTCGWX1909	NTCGWX2409	NTCGWX2930	NTCGWX3030	NTCGWX3730	NTCGWX4212	NTCGWX4730
SAMPLE DATE	9/11/97	9/11/97	7/25/97	7/26/97	7/26/97	7/27/97	7/28/97	7/21/97	7/23/97	7/24/97
Volatiles (µg/L)										
1,1,1-Trichloroethane	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,1,2,2-Tetrachloroethane	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,1,2-Trichloroethane	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,1-Dichloroethane	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,1-Dichloroethene	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,2-Dichlorobenzene	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,2-Dichloroethane	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,2-Dichloroethene (Total)	2 U	2 U	2 U	2 U	2 U	2	12.8	2 U	2 U	2 U
1,2-Dichloropropane	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,3-Dichlorobenzene	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,4-Dichlorobenzene	1 U	1 U	1 U	1 U	1 U	1 U	1.7	1 U	1 U	1 U
2-Chloroethyl Vinyl Ether	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Benzene	1 U	1 U	1 U	1 U	1 U	1	8.9	1 U	1 U	1 U
Bromodichloromethane	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Bromoform	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Bromomethane	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Carbon Tetrachloride	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Chlorobenzene	1 U	2.5	1 U	1 U	1 U	1	10.6	1 U	1 U	1 U
Chloroethane	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Chloroform	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Chloromethane	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Cis-1,2-Dichloroethene	1 U	1 U	1 U	1 U	1 U	1	12.8	1 U	1 U	1 U
Cis-1,3-Dichloropropene	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Dibromochloromethane	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Dichlorodifluoromethane	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Ethylbenzene	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Methyl Tert-Butyl Ether	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Methylene Chloride	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Tetrachloroethene	1 U	1 U	1 U	1 U	1 U	1	1 U	1 U	1 U	1 U
Toluene	1 U	1 U	1 U	1 U	1 U	1 U	1.2	1 U	1 U	1 U
Trans-1,2-Dichloroethene	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Trans-1,3-Dichloropropene	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Trichloroethene	1 U	1 U	1 U	1 U	1 U	1	1.4	1 U	1 U	1 U
Trichlorofluoromethane	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Vinyl Chloride	1 U	1 U	1 U	1 U	1 U	1	7.8	1 U	1 U	1 U
Xylenes, Total	3 U	3 U	3 U	3 U	3 U	3 U	16.9	3 U	3 U	3 U

PHASE I GROUNDWATER DPT CONFIRMATION SAMPLES

SAMPLE ID	NTCGWX5209	NTCGWX6209	NTCGWX6509	NTCGWX7030	NTCGWX7030-D	NTCGWX7530	NTCGWX8030	NTCGWX8430	NTCGWX8909
SAMPLE DATE	7/27/97	8/21/97	9/11/97	9/11/97	9/11/97	8/11/97	8/11/97	8/19/97	8/19/97
Volatiles (µg/L)									
1,1,1-Trichloroethane	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,1,2,2-Tetrachloroethane	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,1,2-Trichloroethane	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,1-Dichloroethane	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,1-Dichloroethene	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,2-Dichlorobenzene	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,2-Dichloroethane	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,2-Dichloroethene (Total)	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U
1,2-Dichloropropane	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,3-Dichlorobenzene	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,4-Dichlorobenzene	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
2-Chloroethyl Vinyl Ether	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Benzene	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Bromodichloromethane	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Bromoform	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Bromomethane	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Carbon Tetrachloride	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Chlorobenzene	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Chloroethane	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Chloroform	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Chloromethane	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Cis-1,2-Dichloroethene	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Cis-1,3-Dichloropropene	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Dibromochloromethane	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Dichlorodifluoromethane	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Ethylbenzene	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Methyl Tert-Butyl Ether	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Methylene Chloride	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Tetrachloroethene	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Toluene	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Trans-1,2-Dichloroethene	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Trans-1,3-Dichloropropene	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Trichloroethene	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Trichlorofluoromethane	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Vinyl Chloride	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Xylenes, Total	3 U	3 U	3 U	3 U	3 U	3 U	3 U	3 U	3 U

PHASE I GROUNDWATER DPT CONFIRMATION SAMPLES

SAMPLE ID	NTCGWX9830	NTCGWX10009	NTCGWX10009-D	NTCGWX10130	NTCGWX10530	NTCGWX11309	NTCGWX12009	NTCGWX12509	NTCGWX13130
SAMPLE DATE	8/20/97	8/8/97	8/8/97	8/11/97	8/8/97	8/11/97	8/8/97	8/8/97	8/8/97
Volatiles (µg/L)									
1,1,1-Trichloroethane	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,1,2,2-Tetrachloroethane	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,1,2-Trichloroethane	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,1-Dichloroethane	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,1-Dichloroethene	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,2-Dichlorobenzene	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,2-Dichloroethane	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,2-Dichloroethene (Total)	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U
1,2-Dichloropropane	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,3-Dichlorobenzene	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,4-Dichlorobenzene	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	5.2
2-Chloroethyl Vinyl Ether	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Benzene	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	4.8
Bromodichloromethane	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Bromoform	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Bromomethane	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Carbon Tetrachloride	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Chlorobenzene	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	16.2
Chloroethane	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Chloroform	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Chloromethane	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Cis-1,2-Dichloroethene	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Cis-1,3-Dichloropropene	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Dibromochloromethane	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Dichlorodifluoromethane	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Ethylbenzene	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Methyl Tert-Butyl Ether	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Methylene Chloride	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Tetrachloroethene	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Toluene	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Trans-1,2-Dichloroethene	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Trans-1,3-Dichloropropene	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Trichloroethene	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Trichlorofluoromethane	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Vinyl Chloride	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Xylenes, Total	3 U	3 U	3 U	3 U	3 U	3 U	3 U	3 U	3 U

PHASE I GROUNDWATER DPT CONFIRMATION SAMPLES

SAMPLE ID	NTCGWX13609	NTCGWX14130	NTCGWX14530	NTCGWX14530-D	NTCGWX15130	NTCGWX15509	NTCGWX16030	NTCGWX16509	NTCGWX17030
SAMPLE DATE	8/8/97	8/7/97	7/28/97	7/28/97	7/29/97	7/29/97	8/5/97	8/6/97	8/7/97
Volatiles (µg/L)									
1,1,1-Trichloroethane	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,1,2,2-Tetrachloroethane	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,1,2-Trichloroethane	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,1-Dichloroethane	1 U	1 U	1.2	1.2	1 U	1 U	1 U	1 U	1 U
1,1-Dichloroethene	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,2-Dichlorobenzene	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,2-Dichloroethane	1 U	1 U	4.4	4	1 U	1 U	1 U	1 U	1 U
1,2-Dichloroethene (Total)	2 U	2 U	85.9	91.5	2 U	2 U	2 U	2 U	2 U
1,2-Dichloropropane	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,3-Dichlorobenzene	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,4-Dichlorobenzene	1 U	1 U	3.5	3.2	1.2	1 U	1 U	1 U	1 U
2-Chloroethyl Vinyl Ether	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Benzene	1 U	1 U	10	9.9	1 U	1 U	1 U	1 U	1 U
Bromodichloromethane	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Bromoform	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Bromomethane	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Carbon Tetrachloride	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Chlorobenzene	1 U	1 U	5.4	5.3	2.8	1 U	1 U	1 U	1 U
Chloroethane	1 U	1 U	1 U	2.2	1 U	1 U	1 U	1 U	1 U
Chloroform	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Chloromethane	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Cis-1,2-Dichloroethene	1 U	1 U	61.3	65.8	1 U	1 U	1 U	1 U	1 U
Cis-1,3-Dichloropropene	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Dibromochloromethane	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Dichlorodifluoromethane	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Ethylbenzene	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Methyl Tert-Butyl Ether	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Methylene Chloride	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Tetrachloroethene	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Toluene	1 U	1 U	3.5	3.4	1 U	1 U	1 U	1 U	1 U
Trans-1,2-Dichloroethene	1 U	1 U	24.6	25.7	1 U	1 U	1 U	1 U	1 U
Trans-1,3-Dichloropropene	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Trichloroethene	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Trichlorofluoromethane	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Vinyl Chloride	1 U	1 U	32	46.1	1 U	1 U	1 U	1 U	1 U
Xylenes, Total	3 U	3 U	55.4	52.3	3 U	3 U	3 U	3 U	3 U

PHASE I GROUNDWATER DPT CONFIRMATION SAMPLES

SAMPLE ID	NTCGWX17309	NTCGWX17309-D
SAMPLE DATE	9/11/97	9/11/97
Volatiles (µg/L)		
1,1,1-Trichloroethane	1 U	1 U
1,1,2,2-Tetrachloroethane	1 U	1 U
1,1,2-Trichloroethane	1 U	1 U
1,1-Dichloroethane	1 U	1 U
1,1-Dichloroethene	1 U	1 U
1,2-Dichlorobenzene	1 U	1 U
1,2-Dichloroethane	1 U	1 U
1,2-Dichloroethene (Total)	2 U	2 U
1,2-Dichloropropane	1 U	1 U
1,3-Dichlorobenzene	1 U	1 U
1,4-Dichlorobenzene	1 U	1 U
2-Chloroethyl Vinyl Ether	1 U	1 U
Benzene	1 U	1 U
Bromodichloromethane	1 U	1 U
Bromoform	1 U	1 U
Bromomethane	1 U	1 U
Carbon Tetrachloride	1 U	1 U
Chlorobenzene	1 U	1 U
Chloroethane	1 U	1 U
Chloroform	1 U	1 U
Chloromethane	1 U	1 U
Cis-1,2-Dichloroethene	1 U	1 U
Cis-1,3-Dichloropropene	1 U	1 U
Dibromochloromethane	1 U	1 U
Dichlorodifluoromethane	1 U	1 U
Ethylbenzene	1 U	1 U
Methyl Tert-Butyl Ether	1 U	1 U
Methylene Chloride	5 U	5 U
Tetrachloroethene	1 U	1 U
Toluene	1 U	1 U
Trans-1,2-Dichloroethene	1 U	1 U
Trans-1,3-Dichloropropene	1 U	1 U
Trichloroethene	1 U	1 U
Trichlorofluoromethane	1 U	1 U
Vinyl Chloride	1 U	1 U
Xylenes, Total	3 U	3 U

SAMPLE ID	CP0150	CP0160	CP0160R	CP0170	CP0170R	CP0170R-D	CP0255	CP0270	CP0344	CP0355
LAB ID	NTCCPR0450	NTCCPR0460	NTCCXR0460	NTCCPR0470	NTCCXR0470	NTCCPD0300	NTCCPR0355	NTCCPR0370	NTCCPR0544	NTCCPR0555
SAMPLE DATE	10/15/97	10/15/97	11/11/97	10/15/97	11/11/97	11/11/97	10/20/97	10/17/97	10/22/97	10/22/97
Volatiles (µg/L)										
1,1,1,2-Tetrachloroethane	<5	<5	<2	<5	<2	<2	<5	<5	<5	<5
1,1,1-Trichloroethane	<5	<5	<2	<5	<2	<2	<5	<5	<5	<5
1,1,2,2-Tetrachloroethane	<5	<5	<2	<5	<2	<2	<5	<5	<5	<5
1,1,2-Trichloroethane	<5	<5	<2	<5	<2	<2	<5	<5	<5	<5
1,1-Dichloroethane	<10	<10	<2	<10	<2	<2	<10	<10	<10	<10
1,1-Dichloroethene	<5	<5	<2	<5	<2	<2	<5	<5	<5	<5
1,2,3-Trichloropropane	<5	<5	<2	<5	<2	<2	<5	<5	<5	<5
1,2-Dichlorobenzene (ortho)	<5	<5	<2	<5	<2	<2	<5	<5	<5	<5
1,2-Dichloroethane	<10	<10	<2	<10	<2	<2	<10	<10	<10	<10
1,3-Dichlorobenzene (meta)	<5	<5	<2	<5	<2	<2	<5	<5	<5	<5
1,4-Dichlorobenzene (para)	<5	<5	<2	<5	<2	<2	<5	<5	<5	<5
Benzene	<5	<5	<2	<5	<2	<2	<5	<5	<5	<5
Bromobenzene	<5	<5	<2	<5	<2	<2	<5	<5	<5	<5
Carbon tetrachloride	<5	<5	<2	<5	<2	<2	<5	<5	<5	<5
Chlorobenzene	<5	<5	<2	<5	<2	<2	<5	<5	<5	<5
Chloroform	<5	<5	<2	<5	<2	<2	<5	<5	<5	<5
cis-1,2-Dichloroethene	<5	<5	<2	<5	<2	<2	<5	<5	<5	<5
cis-1,2-Dichloropropene	<5	<5		<5			<5	<5	<5	<5
cis-1,3-Dichloropropene			<2		<2	<2				
Dibromochloromethane	<5	<5	<2	<5	<2	<2	<5	<5	<5	<5
Ethylbenzene	<5	<5	<2	<5	<2	<2	<5	<5	<5	<5
Methyl-tert-butylether (MTBE)	<5	<5	<2	<5	<2	<2	<5	<5	<5	<5
o-Chlorotoluene	<5	<5	<2	<5	<2	<2	<5	<5	<5	<5
p-Chlorotoluene			<2		<2	<2				
Tetrachloroethene	<5	<5	<2	<5	<2	<2	<5	<5	<5	<5
Toluene	<5	<5	<2	<5	<2	<2	<5	<5	<5	<5
Total xylenes	<5	<5	<6	<5	<6	<6	<5	<5	<5	<5
trans-1,2-Dichloroethene	<5	<5	<2	<5	<2	<2	<5	<5	<5	<5
trans-1,2-Dichloropropene	<5	<5		<5			<5	<5	<5	<5
trans-1,3-Dichloropropene			<2		<2	<2				
Trichloroethene	<5	<5	<2	<5	1.8 J	3.4	<5	<5	<5	<5
Vinyl chloride	<10	220	<5	<10	<5	<5	<10	<10	<10	<10

PHASE I GROUNDWATER CPT SAMPLES

SAMPLE ID	CP0370	CP0380	CP0450	CP0460	CP0470	CP0550	CP0560	CP0570	CP0930	CP0950
LAB ID	NTCCPRO570	NTCCPR0580	NTCCPR0250	NTCCPR0260	NTCCPR0270	NTCCPR0150	NTCCPR0160	NTCCPR0170	NTCCPG0530	NTCCPG0550
SAMPLE DATE	10/22/97	10/22/97	10/24/97	10/24/97	10/24/97	10/25/97	10/25/97	10/26/97	10/26/97	10/27/97
Volatiles (µg/L)										
1,1,1,2-Tetrachloroethane	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
1,1,1-Trichloroethane	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
1,1,2,2-Tetrachloroethane	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
1,1,2-Trichloroethane	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
1,1-Dichloroethane	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
1,1-Dichloroethene	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
1,2,3-Trichloropropane	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
1,2-Dichlorobenzene (ortho)	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
1,2-Dichloroethane	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
1,3-Dichlorobenzene (meta)	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
1,4-Dichlorobenzene (para)	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
Benzene	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
Bromobenzene	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
Carbon tetrachloride	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
Chlorobenzene	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
Chloroform	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
cis-1,2-Dichloroethene	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
cis-1,2-Dichloropropene	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
cis-1,3-Dichloropropene										
Dibromochloromethane	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
Ethylbenzene	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
Methyl-tert-butylether (MTBE)	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
o-Chlorotoluene	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
p-Chlorotoluene										
Tetrachloroethene	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
Toluene	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
Total xylenes	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
trans-1,2-Dichloroethene	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
trans-1,2-Dichloropropene	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
trans-1,3-Dichloropropene										
Trichloroethene	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
Vinyl chloride	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10

SAMPLE ID	CP0980	CP1030	CP1050	CP1080	CP1080-D	CP1130	CP1150	CP1180	CP1230	CP1250
LAB ID	NTCCPG0580	NTCCPG0230	NTCCPG0250	NTCCPG0280	NTCCPD0100	NTCCPG0330	NTCCPG0350	NTCCPG0380	NTCCPG0430	NTCCPG0450
SAMPLE DATE	10/27/97	11/6/97	11/6/97	11/6/97	11/6/97	11/8/97	11/8/97	11/8/97	11/9/97	11/9/97
Volatiles (µg/L)										
1,1,1,2-Tetrachloroethane	<5	<2	<2	<2	<2	<2	<2	<2	<2	<2
1,1,1-Trichloroethane	<5	<2	<2	<2	<2	<2	<2	<2	<2	<2
1,1,2,2-Tetrachloroethane	<5	<2	<2	<2	<2	<2	<2	<2	<2	<2
1,1,2-Trichloroethane	<5	<2	<2	<2	<2	<2	<2	<2	<2	<2
1,1-Dichloroethane	<10	<2	<2	<2	<2	<2	<2	<2	<2	<2
1,1-Dichloroethene	<5	<2	<2	<2	<2	<2	<2	<2	<2	<2
1,2,3-Trichloropropane	<5	<2	<2	<2	<2	<2	<2	<2	<2	<2
1,2-Dichlorobenzene (ortho)	<5	<2	<2	<2	<2	<2	<2	<2	<2	<2
1,2-Dichloroethane	<10	<2	<2	<2	<2	<2	<2	<2	<2	<2
1,3-Dichlorobenzene (meta)	<5	<2	<2	<2	<2	<2	<2	<2	<2	<2
1,4-Dichlorobenzene (para)	<5	<2	<2	<2	<2	<2	<2	<2	<2	<2
Benzene	<5	<2	<2	<2	<2	<2	<2	<2	<2	<2
Bromobenzene	<5	<2	<2	<2	<2	<2	<2	<2	<2	<2
Carbon tetrachloride	<5	<2	<2	<2	<2	<2	<2	<2	<2	<2
Chlorobenzene	<5	<2	<2	<2	<2	<2	<2	<2	<2	<2
Chloroform	<5	<2	<2	<2	<2	<2	<2	<2	<2	<2
cis-1,2-Dichloroethene	<5	<2	<2	<2	<2	<2	<2	<2	<2	<2
cis-1,2-Dichloropropene	<5									
cis-1,3-Dichloropropene		<2	<2	<2	<2	<2	<2	<2	<2	<2
Dibromochloromethane	<5	<2	<2	<2	<2	<2	<2	<2	<2	<2
Ethylbenzene	<5	<2	<2	<2	<2	<2	<2	<2	<2	<2
Methyl-tert-butylether (MTBE)	<5	<2	<2	<2	<2	<2	<2	<2	<2	<2
o-Chlorotoluene	<5	<2	<2	<2	<2	<2	<2	<2	<2	<2
p-Chlorotoluene		<2	<2	<2	<2	<2	<2	<2	<2	<2
Tetrachloroethene	<5	<2	<2	<2	<2	<2	<2	<2	<2	<2
Toluene	<5	<2	<2	<2	<2	<2	<2	<2	<2	<2
Total xylenes	<5	<6	<6	<6	<6	<6	<6	<6	<6	<6
trans-1,2-Dichloroethene	<5	<2	<2	<2	<2	<2	<2	<2	<2	<2
trans-1,2-Dichloropropene	<5									
trans-1,3-Dichloropropene		<2	<2	<2	<2	<2	<2	<2	<2	<2
Trichloroethene	<5	<2	<2	<2	<2	<2	<2	<2	<2	<2
Vinyl chloride	<10	<5	<5	<5	<5	<5	<5	<5	<5	<5

SAMPLE ID	CP1270	CP1330	CP1330-D	CP1350	CP1380
LAB ID	NTCCPG0470	NTCCPG0130	NTCCPG0200	NTCCPG0150	NTCCPG0180
SAMPLE DATE	11/9/97	11/10/97	11/10/97	11/10/97	11/10/97
Volatiles (µg/L)					
1,1,1,2-Tetrachloroethane	<2	<2	<2	<2	<2
1,1,1-Trichloroethane	<2	<2	<2	<2	<2
1,1,2,2-Tetrachloroethane	<2	<2	<2	<2	<2
1,1,2-Trichloroethane	<2	<2	<2	<2	<2
1,1-Dichloroethane	<2	<2	<2	<2	<2
1,1-Dichloroethene	<2	<2	<2	<2	<2
1,2,3-Trichloropropane	<2	<2	<2	<2	<2
1,2-Dichlorobenzene (ortho)	<2	<2	<2	<2	<2
1,2-Dichloroethane	<2	<2	<2	<2	<2
1,3-Dichlorobenzene (meta)	<2	<2	<2	<2	<2
1,4-Dichlorobenzene (para)	<2	<2	<2	<2	<2
Benzene	<2	<2	<2	<2	<2
Bromobenzene	<2	<2	<2	<2	<2
Carbon tetrachloride	<2	<2	<2	<2	<2
Chlorobenzene	<2	<2	<2	<2	<2
Chloroform	<2	<2	<2	<2	<2
cis-1,2-Dichloroethene	<2	<2	<2	<2	<2
cis-1,2-Dichloropropene					
cis-1,3-Dichloropropene	<2	<2	<2	<2	<2
Dibromochloromethane	<2	<2	<2	<2	<2
Ethylbenzene	<2	<2	<2	<2	<2
Methyl-tert-butylether (MTBE)	<2	<2	<2	<2	<2
o-Chlorotoluene	<2	<2	<2	<2	<2
p-Chlorotoluene	<2	<2	<2	<2	<2
Tetrachloroethene	<2	<2	<2	<2	<2
Toluene	<2	<2	<2	<2	<2
Total xylenes	<6	<6	<6	<6	<6
trans-1,2-Dichloroethene	<2	<2	<2	<2	<2
trans-1,2-Dichloropropene					
trans-1,3-Dichloropropene	<2	<2	<2	<2	<2
Trichloroethene	<2	<2	<2	<2	<2
Vinyl chloride	<5	<5	<5	<5	<5

PHASE II GROUNDWATER DPT SAMPLES

SAMPLE ID	NTCGW19830	NTCGW19930	NTCGW20030	NTCGW20130	NTCGW20230	NTCGW20230-D	NTCGW20308	NTCGW20408	NTCGW20508
LAB ID	F2219-1	F2219-2	F2219-3	F2219-4	F2219-5	F2219-11	F2219-6	F2219-7	F2219-8
SAMPLE DATE	4/22/98	4/22/98	4/22/98	4/22/98	4/22/98	4/22/98	4/22/98	4/22/98	4/22/98
Volatiles (µg/L)									
1,1,1,2-Tetrachloroethane	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
1,1,1-Trichloroethane	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
1,1,2,2-Tetrachloroethane	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
1,1,2-Trichloroethane	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
1,1-Dichloroethane	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
1,1-Dichloroethene									
1,1-Dichloroethylene	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
1,1-Dichloropropene	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
1,2,3-Trichlorobenzene	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
1,2,3-Trichloropropane	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
1,2,4-Trichlorobenzene	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
1,2,4-Trimethylbenzene	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
1,2-Dibromo-3-chloropropane	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
1,2-Dibromoethane	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
1,2-Dichlorobenzene									
1,2-Dichloroethane	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
1,2-Dichloropropane	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
1,3,5-Trimethylbenzene	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
1,3-Dichlorobenzene									
1,3-Dichloropropane	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
1,4-Dichlorobenzene									
2,2-Dichloropropane	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
2-Chloroethyl vinyl ether									
2-Chloroethylvinyl ether									
Acrolein									
Acrylonitrile									
Benzene	1.9 J	5.2	1.2 J	< 2	< 2	< 2	< 2	< 2	< 2
Bromobenzene	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Bromochloromethane	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Bromodichloromethane	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Bromoform	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Bromomethane									
Carbon tetrachloride	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Chlorobenzene	< 2	3.7	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Chloroethane	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Chloroform	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Chloromethane									
cis-1,2-Dichloroethene									
cis-1,2-Dichloroethylene	19	10.6	< 2	< 2	2.8	2.9	< 2	< 2	11.7

PHASE II GROUNDWATER DPT SAMPLES

SAMPLE ID	NTCGW19830	NTCGW19930	NTCGW20030	NTCGW20130	NTCGW20230	NTCGW20230-D	NTCGW20308	NTCGW20408	NTCGW20508
LAB ID	F2219-1	F2219-2	F2219-3	F2219-4	F2219-5	F2219-11	F2219-6	F2219-7	F2219-8
SAMPLE DATE	4/22/98	4/22/98	4/22/98	4/22/98	4/22/98	4/22/98	4/22/98	4/22/98	4/22/98
Volatiles (µg/L)									
cis-1,3-Dichloropropene	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Dibromochloromethane	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Dichlorodifluoromethane	< 5	2.6 J	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Ethylbenzene	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Hexachlorobutadiene	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Isopropylbenzene	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
m,p-Xylene	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4
m-Dichlorobenzene	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Methyl bromide	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Methyl chloride	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Methyl Tert Butyl Ether									
Methylene bromide	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Methylene chloride	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
n-Butylbenzene	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
n-Propylbenzene	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Naphthalene	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
o-Chlorotoluene	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
o-Dichlorobenzene	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
o-Xylene	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
p-Chlorotoluene	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
p-Dichlorobenzene	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
p-Isopropyltoluene	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
sec-Butylbenzene	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Styrene	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
tert-Butylbenzene	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Tetrachloroethene									
Tetrachloroethylene	< 2	< 2	17.6	< 2	41.3	33.2	< 2	< 2	4.5
Toluene	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
trans-1,2-Dichloroethene									
trans-1,2-Dichloroethylene	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
trans-1,3-Dichloropropene	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Trichloroethene									
Trichloroethylene	5.4	2.3	4	< 2	3.2	3	< 2	< 2	70.2
Trichlorofluoromethane	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Vinyl chloride	2.4 J	4.7 J	< 5	< 5	< 5	< 5	< 5	< 5	3.5 J
Xylene (total)									

PHASE II GROUNDWATER DPT SAMPLES

SAMPLE ID	NTCGW20608	NTCGW20708	NTCGW20808	NTCGW20808-D	NTCGW20830	NTCGW20908	NTCGW21008	NTCGW21108	NTCGW21208
LAB ID	F2219-9	F2219-10	F2326-9	F2326-14	F2213-3	F2213-2	F2213-1	F2163-10	F2163-9
SAMPLE DATE	4/22/98	4/22/98	5/5/98	5/5/98	4/21/98	4/21/98	4/21/98	4/15/98	4/15/98
Volatiles (µg/L)									
1,1,1,2-Tetrachloroethane	< 2	< 2			< 2	< 2	< 2	< 2	< 2
1,1,1-Trichloroethane	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
1,1,2,2-Tetrachloroethane	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
1,1,2-Trichloroethane	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
1,1-Dichloroethane	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
1,1-Dichloroethene									
1,1-Dichloroethylene	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
1,1-Dichloropropene	< 2	< 2			< 2	< 2	< 2	< 2	< 2
1,2,3-Trichlorobenzene	< 2	< 2			< 2	< 2	< 2	< 2	< 2
1,2,3-Trichloropropane	< 2	< 2			< 2	< 2	< 2	< 2	< 2
1,2,4-Trichlorobenzene	< 2	< 2			< 2	< 2	< 2	< 2	< 2
1,2,4-Trimethylbenzene	< 2	< 2			< 2	< 2	< 2	< 2	< 2
1,2-Dibromo-3-chloropropane	< 2	< 2			< 2	< 2	< 2	< 2	< 2
1,2-Dibromoethane	< 2	< 2			< 2	< 2	< 2	< 2	< 2
1,2-Dichlorobenzene									
1,2-Dichloroethane	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
1,2-Dichloropropane	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
1,3,5-Trimethylbenzene	< 2	< 2			< 2	< 2	< 2	< 2	< 2
1,3-Dichlorobenzene									
1,3-Dichloropropane	< 2	< 2			< 2	< 2	< 2	< 2	< 2
1,4-Dichlorobenzene									
2,2-Dichloropropane	< 2	< 2			< 2	< 2	< 2	< 2	< 2
2-Chloroethyl vinyl ether			< 5	< 5					
2-Chloroethylvinyl ether									
Acrolein			< 10	< 10					
Acrylonitrile			< 10	< 10					
Benzene	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Bromobenzene	< 2	< 2			< 2	< 2	< 2	< 2	< 2
Bromochloromethane	< 2	< 2			< 2	< 2	< 2	< 2	< 2
Bromodichloromethane	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Bromoform	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Bromomethane									
Carbon tetrachloride	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Chlorobenzene	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Chloroethane	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Chloroform	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Chloromethane									
cis-1,2-Dichloroethene									
cis-1,2-Dichloroethylene	< 2	< 2			< 2	< 2	< 2	< 2	< 2

PHASE II GROUNDWATER DPT SAMPLES

SAMPLE ID	NTCGW20608	NTCGW20708	NTCGW20808	NTCGW20808-D	NTCGW20830	NTCGW20908	NTCGW21008	NTCGW21108	NTCGW21208
LAB ID	F2219-9	F2219-10	F2326-9	F2326-14	F2213-3	F2213-2	F2213-1	F2163-10	F2163-9
SAMPLE DATE	4/22/98	4/22/98	5/5/98	5/5/98	4/21/98	4/21/98	4/21/98	4/15/98	4/15/98
Volatiles (µg/L)									
cis-1,3-Dichloropropene	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Dibromochloromethane	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Dichlorodifluoromethane	< 5	< 5			< 5	< 5	< 5	< 5	< 5
Ethylbenzene	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Hexachlorobutadiene	< 2	< 2			< 2	< 2	< 2	< 2	< 2
Isopropylbenzene	< 2	< 2			< 2	< 2	< 2	< 2	< 2
m,p-Xylene	< 4	< 4			< 4	< 4	< 4	< 4	< 4
m-Dichlorobenzene	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Methyl bromide	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Methyl chloride	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Methyl Tert Butyl Ether									
Methylene bromide	< 2	< 2			< 2	< 2	< 2	< 2	< 2
Methylene chloride	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
n-Butylbenzene	< 2	< 2			< 2	< 2	< 2	< 2	< 2
n-Propylbenzene	< 2	< 2			< 2	< 2	< 2	< 2	< 2
Naphthalene	< 5	< 5			< 5	< 5	< 5	< 5	< 5
o-Chlorotoluene	< 2	< 2			< 2	< 2	< 2	< 2	< 2
o-Dichlorobenzene	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
o-Xylene	< 2	< 2			< 2	< 2	< 2	< 2	< 2
p-Chlorotoluene	< 2	< 2			< 2	< 2	< 2	< 2	< 2
p-Dichlorobenzene	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
p-Isopropyltoluene	< 2	< 2			< 2	< 2	< 2	< 2	< 2
sec-Butylbenzene	< 2	< 2			< 2	< 2	< 2	< 2	< 2
Styrene	< 2	< 2			< 2	< 2	< 2	< 2	< 2
tert-Butylbenzene	< 2	< 2			< 2	< 2	< 2	< 2	< 2
Tetrachloroethene									
Tetrachloroethylene	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Toluene	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
trans-1,2-Dichloroethene									
trans-1,2-Dichloroethylene	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
trans-1,3-Dichloropropene	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Trichloroethene									
Trichloroethylene	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Trichlorofluoromethane	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Vinyl chloride	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Xylene (total)			< 6	< 6					

PHASE II GROUNDWATER DPT SAMPLES

SAMPLE ID	NTCGW21330	NTCGW21430	NTCGW21430-D	NTCGW21530	NTCGW21608	NTCGW21615	NTCGW21615-D	NTCGW21620	NTCGW21625
LAB ID	F2163-8	F2163-7	F2177-1	F2153-1	F2312-8	F2312-7	F2312-9	F2312-6	F2312-5
SAMPLE DATE	4/15/98	4/15/98	4/15/98	4/14/98	5/4/98	5/4/98	5/4/98	5/4/98	5/4/98
Volatiles (µg/L)									
1,1,1,2-Tetrachloroethane	< 2	< 2	< 2	< 2					
1,1,1-Trichloroethane	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
1,1,2,2-Tetrachloroethane	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
1,1,2-Trichloroethane	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
1,1-Dichloroethane	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
1,1-Dichloroethene									
1,1-Dichloroethylene	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
1,1-Dichloropropene	< 2	< 2	< 2	< 2					
1,2,3-Trichlorobenzene	< 2	< 2	< 2	< 2					
1,2,3-Trichloropropane	< 2	< 2	< 2	< 2					
1,2,4-Trichlorobenzene	< 2	< 2	< 2	< 2					
1,2,4-Trimethylbenzene	< 2	< 2	< 2	< 2					
1,2-Dibromo-3-chloropropane	< 2	< 2	< 2	< 2					
1,2-Dibromoethane	< 2	< 2	< 2	< 2					
1,2-Dichlorobenzene									
1,2-Dichloroethane	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
1,2-Dichloropropane	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
1,3,5-Trimethylbenzene	< 2	< 2	< 2	< 2					
1,3-Dichlorobenzene									
1,3-Dichloropropane	< 2	< 2	< 2	< 2					
1,4-Dichlorobenzene									
2,2-Dichloropropane	< 2	< 2	< 2	< 2					
2-Chloroethyl vinyl ether					< 5	< 5	< 5	< 5	< 5
2-Chloroethylvinyl ether									
Acrolein					< 10	< 10	< 10	< 10	< 10
Acrylonitrile					< 10	< 10	< 10	< 10	< 10
Benzene	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Bromobenzene	< 2	< 2	< 2	< 2					
Bromochloromethane	< 2	< 2	< 2	< 2					
Bromodichloromethane	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Bromoform	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Bromomethane									
Carbon tetrachloride	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Chlorobenzene	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Chloroethane	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Chloroform	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Chloromethane									
cis-1,2-Dichloroethene									
cis-1,2-Dichloroethylene	< 2	< 2	< 2	< 2					

PHASE II GROUNDWATER DPT SAMPLES

SAMPLE ID	NTCGW21330	NTCGW21430	NTCGW21430-D	NTCGW21530	NTCGW21608	NTCGW21615	NTCGW21615-D	NTCGW21620	NTCGW21625
LAB ID	F2163-8	F2163-7	F2177-1	F2153-1	F2312-8	F2312-7	F2312-9	F2312-6	F2312-5
SAMPLE DATE	4/15/98	4/15/98	4/15/98	4/14/98	5/4/98	5/4/98	5/4/98	5/4/98	5/4/98
Volatiles (µg/L)									
cis-1,3-Dichloropropene	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Dibromochloromethane	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Dichlorodifluoromethane	< 5	< 5	< 5	< 5					
Ethylbenzene	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Hexachlorobutadiene	< 2	< 2	< 2	< 2					
Isopropylbenzene	< 2	< 2	< 2	< 2					
m,p-Xylene	< 4	< 4	< 4	< 4					
m-Dichlorobenzene	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Methyl bromide	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Methyl chloride	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Methyl Tert Butyl Ether									
Methylene bromide	< 2	< 2	< 2	< 2					
Methylene chloride	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
n-Butylbenzene	< 2	< 2	< 2	< 2					
n-Propylbenzene	< 2	< 2	< 2	< 2					
Naphthalene	< 5	< 5	< 5	< 5					
o-Chlorotoluene	< 2	< 2	< 2	< 2					
o-Dichlorobenzene	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
o-Xylene	< 2	< 2	< 2	< 2					
p-Chlorotoluene	< 2	< 2	< 2	< 2					
p-Dichlorobenzene	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
p-Isopropyltoluene	< 2	< 2	< 2	< 2					
sec-Butylbenzene	< 2	< 2	< 2	< 2					
Styrene	< 2	< 2	< 2	< 2					
tert-Butylbenzene	< 2	< 2	< 2	< 2					
Tetrachloroethene									
Tetrachloroethylene	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Toluene	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
trans-1,2-Dichloroethene									
trans-1,2-Dichloroethylene	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
trans-1,3-Dichloropropene	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Trichloroethene									
Trichloroethylene	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Trichlorofluoromethane	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Vinyl chloride	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Xylene (total)					< 6	< 6	< 6	< 6	< 6

PHASE II GROUNDWATER DPT SAMPLES

SAMPLE ID	NTCGW21630	NTCGW21635	NTCGW21730	NTCGW21830	NTCGW21908	NTCGW21915	NTCGW21925	NTCGW21930	NTCGW21935
LAB ID	F2153-2	F2312-4	F2153-3	F2163-1	F2326-4	F2326-3	F2326-2	F2163-2	F2326-1
SAMPLE DATE	4/14/98	5/4/98	4/14/98	4/15/98	5/5/98	5/5/98	5/5/98	4/15/98	5/5/98
Volatiles (µg/L)									
1,1,1,2-Tetrachloroethane	< 2		< 2	< 2				< 2	
1,1,1-Trichloroethane	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
1,1,2,2-Tetrachloroethane	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
1,1,2-Trichloroethane	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
1,1-Dichloroethane	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
1,1-Dichloroethene									
1,1-Dichloroethylene	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
1,1-Dichloropropene	< 2		< 2	< 2				< 2	
1,2,3-Trichlorobenzene	< 2		< 2	< 2				< 2	
1,2,3-Trichloropropane	< 2		< 2	< 2				< 2	
1,2,4-Trichlorobenzene	< 2		< 2	< 2				< 2	
1,2,4-Trimethylbenzene	< 2		< 2	< 2				< 2	
1,2-Dibromo-3-chloropropane	< 2		< 2	< 2				< 2	
1,2-Dibromoethane	< 2		< 2	< 2				< 2	
1,2-Dichlorobenzene									
1,2-Dichloroethane	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
1,2-Dichloropropane	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
1,3,5-Trimethylbenzene	< 2		< 2	< 2				< 2	
1,3-Dichlorobenzene									
1,3-Dichloropropane	< 2		< 2	< 2				< 2	
1,4-Dichlorobenzene									
2,2-Dichloropropane	< 2		< 2	< 2				< 2	
2-Chloroethyl vinyl ether		< 5			< 5	< 5	< 5		< 5
2-Chloroethylvinyl ether									
Acrolein		< 10			< 10	< 10	< 10		< 10
Acrylonitrile		< 10			< 10	< 10	< 10		< 10
Benzene	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Bromobenzene	< 2		< 2	< 2				< 2	
Bromochloromethane	< 2		< 2	< 2				< 2	
Bromodichloromethane	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Bromoform	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Bromomethane									
Carbon tetrachloride	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Chlorobenzene	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Chloroethane	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Chloroform	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Chloromethane									
cis-1,2-Dichloroethene									
cis-1,2-Dichloroethylene	< 2		< 2	< 2				< 2	

PHASE II GROUNDWATER DPT SAMPLES

SAMPLE ID	NTCGW21630	NTCGW21635	NTCGW21730	NTCGW21830	NTCGW21908	NTCGW21915	NTCGW21925	NTCGW21930	NTCGW21935
LAB ID	F2153-2	F2312-4	F2153-3	F2163-1	F2326-4	F2326-3	F2326-2	F2163-2	F2326-1
SAMPLE DATE	4/14/98	5/4/98	4/14/98	4/15/98	5/5/98	5/5/98	5/5/98	4/15/98	5/5/98
Volatiles (µg/L)									
cis-1,3-Dichloropropene	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Dibromochloromethane	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Dichlorodifluoromethane	< 5		< 5	< 5				< 5	
Ethylbenzene	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Hexachlorobutadiene	< 2		< 2	< 2				< 2	
Isopropylbenzene	< 2		< 2	< 2				< 2	
m,p-Xylene	< 4		< 4	< 4				< 4	
m-Dichlorobenzene	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Methyl bromide	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Methyl chloride	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Methyl Tert Butyl Ether									
Methylene bromide	< 2		< 2	< 2				< 2	
Methylene chloride	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
n-Butylbenzene	< 2		< 2	< 2				< 2	
n-Propylbenzene	< 2		< 2	< 2				< 2	
Naphthalene	< 5		< 5	< 5				< 5	
o-Chlorotoluene	< 2		< 2	< 2				< 2	
o-Dichlorobenzene	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
o-Xylene	< 2		< 2	< 2				< 2	
p-Chlorotoluene	< 2		< 2	< 2				< 2	
p-Dichlorobenzene	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
p-Isopropyltoluene	< 2		< 2	< 2				< 2	
sec-Butylbenzene	< 2		< 2	< 2				< 2	
Styrene	< 2		< 2	< 2				< 2	
tert-Butylbenzene	< 2		< 2	< 2				< 2	
Tetrachloroethene									
Tetrachloroethylene	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Toluene	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
trans-1,2-Dichloroethene									
trans-1,2-Dichloroethylene	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
trans-1,3-Dichloropropene	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Trichloroethene									
Trichloroethylene	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Trichlorofluoromethane	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Vinyl chloride	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Xylene (total)		< 6			< 6	< 6	< 6		< 6

PHASE II GROUNDWATER DPT SAMPLES

SAMPLE ID	NTCGW22030	NTCGW22130	NTCGW22230	NTCGW22308	NTCGW22315	NTCGW22325	NTCGW22330	NTCGW22335	NTCGW22430
LAB ID	F2163-3	F2163-4	F2163-5	F2326-8	F2326-7	F2326-6	F2163-6	F2326-5	F2238-1
SAMPLE DATE	4/15/98	4/15/98	4/15/98	5/5/98	5/5/98	5/5/98	4/15/98	5/5/98	4/23/98
Volatiles (µg/L)									
1,1,1,2-Tetrachloroethane	< 2	< 2	< 2				< 2		
1,1,1-Trichloroethane	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 1
1,1,2,2-Tetrachloroethane	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 1
1,1,2-Trichloroethane	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 1
1,1-Dichloroethane	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 1
1,1-Dichloroethene									< 1
1,1-Dichloroethylene	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	
1,1-Dichloropropene	< 2	< 2	< 2				< 2		
1,2,3-Trichlorobenzene	< 2	< 2	< 2				< 2		
1,2,3-Trichloropropane	< 2	< 2	< 2				< 2		
1,2,4-Trichlorobenzene	< 2	< 2	< 2				< 2		
1,2,4-Trimethylbenzene	< 2	< 2	< 2				< 2		
1,2-Dibromo-3-chloropropane	< 2	< 2	< 2				< 2		
1,2-Dibromoethane	< 2	< 2	< 2				< 2		< 1
1,2-Dichlorobenzene									< 1
1,2-Dichloroethane	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 1
1,2-Dichloropropane	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 1
1,3,5-Trimethylbenzene	< 2	< 2	< 2				< 2		
1,3-Dichlorobenzene									< 1
1,3-Dichloropropane	< 2	< 2	< 2				< 2		
1,4-Dichlorobenzene									< 1
2,2-Dichloropropane	< 2	< 2	< 2				< 2		
2-Chloroethyl vinyl ether				< 5	< 5	< 5		< 5	
2-Chloroethylvinyl ether									< 1
Acrolein				< 10	< 10	< 10		< 10	
Acrylonitrile				< 10	< 10	< 10		< 10	
Benzene	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 1
Bromobenzene	< 2	< 2	< 2				< 2		
Bromochloromethane	< 2	< 2	< 2				< 2		
Bromodichloromethane	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 1
Bromoform	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 1
Bromomethane									< 1
Carbon tetrachloride	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 1
Chlorobenzene	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 1
Chloroethane	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 1
Chloroform	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 1
Chloromethane									< 1
cis-1,2-Dichloroethene									< 1
cis-1,2-Dichloroethylene	< 2	< 2	< 2				< 2		

PHASE II GROUNDWATER DPT SAMPLES

SAMPLE ID	NTCGW22030	NTCGW22130	NTCGW22230	NTCGW22308	NTCGW22315	NTCGW22325	NTCGW22330	NTCGW22335	NTCGW22430
LAB ID	F2163-3	F2163-4	F2163-5	F2326-8	F2326-7	F2326-6	F2163-6	F2326-5	F2238-1
SAMPLE DATE	4/15/98	4/15/98	4/15/98	5/5/98	5/5/98	5/5/98	4/15/98	5/5/98	4/23/98
Volatiles (µg/L)									
cis-1,3-Dichloropropene	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 1
Dibromochloromethane	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 1
Dichlorodifluoromethane	< 5	< 5	< 5				< 5		< 1
Ethylbenzene	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 1
Hexachlorobutadiene	< 2	< 2	< 2				< 2		
Isopropylbenzene	< 2	< 2	< 2				< 2		
m,p-Xylene	< 4	< 4	< 4				< 4		
m-Dichlorobenzene	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	
Methyl bromide	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	
Methyl chloride	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	
Methyl Tert Butyl Ether									< 1
Methylene bromide	< 2	< 2	< 2				< 2		
Methylene chloride	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
n-Butylbenzene	< 2	< 2	< 2				< 2		
n-Propylbenzene	< 2	< 2	< 2				< 2		
Naphthalene	< 5	< 5	< 5				< 5		
o-Chlorotoluene	< 2	< 2	< 2				< 2		
o-Dichlorobenzene	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	
o-Xylene	< 2	< 2	< 2				< 2		
p-Chlorotoluene	< 2	< 2	< 2				< 2		
p-Dichlorobenzene	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	
p-Isopropyltoluene	< 2	< 2	< 2				< 2		
sec-Butylbenzene	< 2	< 2	< 2				< 2		
Styrene	< 2	< 2	< 2				< 2		
tert-Butylbenzene	< 2	< 2	< 2				< 2		
Tetrachloroethene									< 1
Tetrachloroethylene	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	
Toluene	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 1
trans-1,2-Dichloroethene									< 1
trans-1,2-Dichloroethylene	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	
trans-1,3-Dichloropropene	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 1
Trichloroethene									< 1
Trichloroethylene	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	
Trichlorofluoromethane	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 1
Vinyl chloride	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 1
Xylene (total)				< 6	< 6	< 6		< 6	< 3

PHASE II GROUNDWATER DPT SAMPLES

SAMPLE ID	NTCGW22530	NTCGW22630	NTCGW22730	NTCGW22830	NTCGW22930	NTCGW23008	NTCGW23008-D	NTCGW23030	NTCGW23108
LAB ID	F2238-2	F2238-3	F2238-4	F2238-5	F2238-6	F2238-7	F2238-9	F2238-8	F2250-2
SAMPLE DATE	4/23/98	4/23/98	4/23/98	4/23/98	4/23/98	4/23/98	4/23/98	4/23/98	4/24/98
Volatiles (µg/L)									
1,1,1,2-Tetrachloroethane									
1,1,1-Trichloroethane	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 13
1,1,2,2-Tetrachloroethane	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 13
1,1,2-Trichloroethane	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 13
1,1-Dichloroethane	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 13
1,1-Dichloroethene	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	
1,1-Dichloroethylene									< 13
1,1-Dichloropropene									
1,2,3-Trichlorobenzene									
1,2,3-Trichloropropane									
1,2,4-Trichlorobenzene									
1,2,4-Trimethylbenzene									
1,2-Dibromo-3-chloropropane									
1,2-Dibromoethane	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	
1,2-Dichlorobenzene	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	
1,2-Dichloroethane	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 13
1,2-Dichloropropane	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 13
1,3,5-Trimethylbenzene									
1,3-Dichlorobenzene	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	
1,3-Dichloropropane									
1,4-Dichlorobenzene	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	
2,2-Dichloropropane									
2-Chloroethyl vinyl ether									< 32
2-Chloroethylvinyl ether	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	
Acrolein									< 63
Acrylonitrile									< 63
Benzene	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 13
Bromobenzene									
Bromochloromethane									
Bromodichloromethane	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 13
Bromoform	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 13
Bromomethane	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	
Carbon tetrachloride	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 13
Chlorobenzene	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 13
Chloroethane	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 13
Chloroform	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 13
Chloromethane	< 1	< 1	< 1	< 1	< 1	2.6	4.6	< 1	
cis-1,2-Dichloroethene	< 1	< 1	1.1	< 1	< 1	< 1	< 1	< 1	
cis-1,2-Dichloroethylene									

PHASE II GROUNDWATER DPT SAMPLES

SAMPLE ID	NTCGW22530	NTCGW22630	NTCGW22730	NTCGW22830	NTCGW22930	NTCGW23008	NTCGW23008-D	NTCGW23030	NTCGW23108
LAB ID	F2238-2	F2238-3	F2238-4	F2238-5	F2238-6	F2238-7	F2238-9	F2238-8	F2250-2
SAMPLE DATE	4/23/98	4/23/98	4/23/98	4/23/98	4/23/98	4/23/98	4/23/98	4/23/98	4/24/98
Volatiles (µg/L)									
cis-1,3-Dichloropropene	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 13
Dibromochloromethane	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 13
Dichlorodifluoromethane	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	
Ethylbenzene	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 13
Hexachlorobutadiene									
Isopropylbenzene									
m,p-Xylene									
m-Dichlorobenzene									
Methyl bromide									< 13
Methyl chloride									< 32
Methyl Tert Butyl Ether	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 32
Methylene bromide									
Methylene chloride	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 32
n-Butylbenzene									
n-Propylbenzene									
Naphthalene									
o-Chlorotoluene									
o-Dichlorobenzene									< 13
o-Xylene									
p-Chlorotoluene									
p-Dichlorobenzene									< 13
p-Isopropyltoluene									
sec-Butylbenzene									
Styrene									
tert-Butylbenzene									
Tetrachloroethene	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	
Tetrachloroethylene									< 13
Toluene	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 13
trans-1,2-Dichloroethene	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	
trans-1,2-Dichloroethylene									< 13
trans-1,3-Dichloropropene	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 13
Trichloroethene	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	
Trichloroethylene									< 13
Trichlorofluoromethane	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 32
Vinyl chloride	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 32
Xylene (total)	< 3	< 3	< 3	< 3	< 3	< 3	< 3	< 3	< 38

PHASE II GROUNDWATER DPT SAMPLES

SAMPLE ID	NTCGW23130	NTCGW23208	NTCGW23230	NTCGW23308	NTCGW23325	NTCGW23408	NTCGW23430	NTCGW23508	NTCGW23530
LAB ID	F2250-1	F2250-3	F2250-4	F2250-5	F2253-1	F2253-3	F2253-2	F2253-5	F2253-4
SAMPLE DATE	4/24/98	4/24/98	4/24/98	4/24/98	4/25/98	4/25/98	4/25/98	4/25/98	4/25/98
Volatiles (µg/L)									
1,1,1,2-Tetrachloroethane									
1,1,1-Trichloroethane	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
1,1,2,2-Tetrachloroethane	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
1,1,2-Trichloroethane	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
1,1-Dichloroethane	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
1,1-Dichloroethene									
1,1-Dichloroethylene	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
1,1-Dichloropropene									
1,2,3-Trichlorobenzene									
1,2,3-Trichloropropane									
1,2,4-Trichlorobenzene									
1,2,4-Trimethylbenzene									
1,2-Dibromo-3-chloropropane									
1,2-Dibromoethane									
1,2-Dichlorobenzene									
1,2-Dichloroethane	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
1,2-Dichloropropane	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
1,3,5-Trimethylbenzene									
1,3-Dichlorobenzene									
1,3-Dichloropropane									
1,4-Dichlorobenzene									
2,2-Dichloropropane									
2-Chloroethyl vinyl ether	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
2-Chloroethylvinyl ether									
Acrolein	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10
Acrylonitrile	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10
Benzene	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Bromobenzene									
Bromochloromethane									
Bromodichloromethane	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Bromoform	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Bromomethane									
Carbon tetrachloride	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Chlorobenzene	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Chloroethane	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Chloroform	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Chloromethane									
cis-1,2-Dichloroethene									
cis-1,2-Dichloroethylene									

PHASE II GROUNDWATER DPT SAMPLES

SAMPLE ID	NTCGW23130	NTCGW23208	NTCGW23230	NTCGW23308	NTCGW23325	NTCGW23408	NTCGW23430	NTCGW23508	NTCGW23530
LAB ID	F2250-1	F2250-3	F2250-4	F2250-5	F2253-1	F2253-3	F2253-2	F2253-5	F2253-4
SAMPLE DATE	4/24/98	4/24/98	4/24/98	4/24/98	4/25/98	4/25/98	4/25/98	4/25/98	4/25/98
Volatiles (µg/L)									
cis-1,3-Dichloropropene	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Dibromochloromethane	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Dichlorodifluoromethane									
Ethylbenzene	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Hexachlorobutadiene									
Isopropylbenzene									
m,p-Xylene									
m-Dichlorobenzene	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Methyl bromide	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Methyl chloride	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Methyl Tert Butyl Ether									
Methylene bromide									
Methylene chloride	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
n-Butylbenzene									
n-Propylbenzene									
Naphthalene									
o-Chlorotoluene									
o-Dichlorobenzene	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
o-Xylene									
p-Chlorotoluene									
p-Dichlorobenzene	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
p-Isopropyltoluene									
sec-Butylbenzene									
Styrene									
tert-Butylbenzene									
Tetrachloroethene									
Tetrachloroethylene	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Toluene	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
trans-1,2-Dichloroethene									
trans-1,2-Dichloroethylene	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
trans-1,3-Dichloropropene	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Trichloroethene									
Trichloroethylene	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Trichlorofluoromethane	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Vinyl chloride	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Xylene (total)	< 6	< 6	< 6	< 6	< 6	< 6	< 6	< 6	< 6

PHASE II GROUNDWATER DPT SAMPLES

SAMPLE ID	NTCGW23608	NTCGW23608-D	NTCGW23630	NTCGW23708	NTCGW23730	NTCGW23808	NTCGW23830	NTCGW23908	NTCGW23908-D
LAB ID	F2253-7	F2253-9	F2253-6	F2253-10	F2253-8	F2253-16	F2253-11	F2253-13	F2253-17
SAMPLE DATE	4/25/98	4/25/98	4/25/98	4/26/98	4/25/98	4/26/98	4/26/98	4/26/98	4/26/98
Volatiles (µg/L)									
1,1,1,2-Tetrachloroethane									
1,1,1-Trichloroethane	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
1,1,2,2-Tetrachloroethane	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
1,1,2-Trichloroethane	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
1,1-Dichloroethane	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
1,1-Dichloroethene									
1,1-Dichloroethylene	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
1,1-Dichloropropene									
1,2,3-Trichlorobenzene									
1,2,3-Trichloropropane									
1,2,4-Trichlorobenzene									
1,2,4-Trimethylbenzene									
1,2-Dibromo-3-chloropropane									
1,2-Dibromoethane									
1,2-Dichlorobenzene									
1,2-Dichloroethane	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
1,2-Dichloropropane	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
1,3,5-Trimethylbenzene									
1,3-Dichlorobenzene									
1,3-Dichloropropane									
1,4-Dichlorobenzene									
2,2-Dichloropropane									
2-Chloroethyl vinyl ether	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
2-Chloroethylvinyl ether									
Acrolein	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10
Acrylonitrile	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10
Benzene	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Bromobenzene									
Bromochloromethane									
Bromodichloromethane	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Bromoform	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Bromomethane									
Carbon tetrachloride	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Chlorobenzene	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Chloroethane	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Chloroform	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Chloromethane									
cis-1,2-Dichloroethene									
cis-1,2-Dichloroethylene									

PHASE II GROUNDWATER DPT SAMPLES

SAMPLE ID	NTCGW23608	NTCGW23608-D	NTCGW23630	NTCGW23708	NTCGW23730	NTCGW23808	NTCGW23830	NTCGW23908	NTCGW23908-D
LAB ID	F2253-7	F2253-9	F2253-6	F2253-10	F2253-8	F2253-16	F2253-11	F2253-13	F2253-17
SAMPLE DATE	4/25/98	4/25/98	4/25/98	4/26/98	4/25/98	4/26/98	4/26/98	4/26/98	4/26/98
Volatiles (µg/L)									
cis-1,3-Dichloropropene	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Dibromochloromethane	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Dichlorodifluoromethane									
Ethylbenzene	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Hexachlorobutadiene									
Isopropylbenzene									
m,p-Xylene									
m-Dichlorobenzene	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Methyl bromide	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Methyl chloride	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Methyl Tert Butyl Ether									
Methylene bromide									
Methylene chloride	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
n-Butylbenzene									
n-Propylbenzene									
Naphthalene									
o-Chlorotoluene									
o-Dichlorobenzene	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
o-Xylene									
p-Chlorotoluene									
p-Dichlorobenzene	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
p-Isopropyltoluene									
sec-Butylbenzene									
Styrene									
tert-Butylbenzene									
Tetrachloroethene									
Tetrachloroethylene	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Toluene	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
trans-1,2-Dichloroethene									
trans-1,2-Dichloroethylene	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
trans-1,3-Dichloropropene	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Trichloroethene									
Trichloroethylene	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Trichlorofluoromethane	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Vinyl chloride	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Xylene (total)	< 6	< 6	< 6	< 6	< 6	< 6	< 6	< 6	< 6

PHASE II GROUNDWATER DPT SAMPLES

SAMPLE ID	NTCGW23930	NTCGW24008	NTCGW24030	NTCGW24108	NTCGW24130	NTCGW24208	NTCGW24230	NTCGW24308	NTCGW24330
LAB ID	F2253-12	F2253-15	F2253-14	F2262-2	F2262-1	F2262-4	F2262-3	F2262-6	F2262-5
SAMPLE DATE	4/26/98	4/26/98	4/26/98	4/27/98	4/27/98	4/27/98	4/27/98	4/27/98	4/27/98
Volatiles (µg/L)									
1,1,1,2-Tetrachloroethane									
1,1,1-Trichloroethane	< 2	< 2	< 2	< 1	< 1	< 1	< 1	< 1	< 1
1,1,2,2-Tetrachloroethane	< 2	< 2	< 2	< 1	< 1	< 1	< 1	< 1	< 1
1,1,2-Trichloroethane	< 2	< 2	< 2	< 1	< 1	< 1	< 1	< 1	< 1
1,1-Dichloroethane	< 2	< 2	< 2	< 1	< 1	< 1	< 1	< 1	< 1
1,1-Dichloroethene				< 1	< 1	< 1	< 1	< 1	< 1
1,1-Dichloroethylene	< 2	< 2	< 2						
1,1-Dichloropropene									
1,2,3-Trichlorobenzene									
1,2,3-Trichloropropane									
1,2,4-Trichlorobenzene									
1,2,4-Trimethylbenzene									
1,2-Dibromo-3-chloropropane									
1,2-Dibromoethane				< 1	< 1	< 1	< 1	< 1	< 1
1,2-Dichlorobenzene				< 1	< 1	< 1	< 1	< 1	< 1
1,2-Dichloroethane	< 2	< 2	< 2	< 1	< 1	< 1	< 1	< 1	< 1
1,2-Dichloropropane	< 2	< 2	< 2	< 1	< 1	< 1	< 1	< 1	< 1
1,3,5-Trimethylbenzene									
1,3-Dichlorobenzene				< 1	< 1	< 1	< 1	< 1	< 1
1,3-Dichloropropane									
1,4-Dichlorobenzene				< 1	< 1	< 1	< 1	< 1	< 1
2,2-Dichloropropane									
2-Chloroethyl vinyl ether	< 5	< 5	< 5						
2-Chloroethylvinyl ether				< 1	< 1	< 1	< 1	< 1	< 1
Acrolein	< 10	< 10	< 10						
Acrylonitrile	< 10	< 10	< 10						
Benzene	< 2	< 2	< 2	< 1	< 1	< 1	< 1	< 1	< 1
Bromobenzene									
Bromochloromethane									
Bromodichloromethane	< 2	< 2	< 2	< 1	< 1	< 1	< 1	< 1	< 1
Bromoform	< 2	< 2	< 2	< 1	< 1	< 1	< 1	< 1	< 1
Bromomethane				< 1	< 1	< 1	< 1	< 1	< 1
Carbon tetrachloride	< 2	< 2	< 2	< 1	< 1	< 1	< 1	< 1	< 1
Chlorobenzene	< 2	< 2	< 2	< 1	< 1	< 1	< 1	< 1	< 1
Chloroethane	< 2	< 2	< 2	< 1	< 1	< 1	< 1	< 1	< 1
Chloroform	< 2	< 2	< 2	< 1	< 1	< 1	< 1	< 1	< 1
Chloromethane				< 1	< 1	< 1	< 1	< 1	3
cis-1,2-Dichloroethene				< 1	< 1	< 1	< 1	< 1	< 1
cis-1,2-Dichloroethylene									

PHASE II GROUNDWATER DPT SAMPLES

SAMPLE ID	NTCGW23930	NTCGW24008	NTCGW24030	NTCGW24108	NTCGW24130	NTCGW24208	NTCGW24230	NTCGW24308	NTCGW24330
LAB ID	F2253-12	F2253-15	F2253-14	F2262-2	F2262-1	F2262-4	F2262-3	F2262-6	F2262-5
SAMPLE DATE	4/26/98	4/26/98	4/26/98	4/27/98	4/27/98	4/27/98	4/27/98	4/27/98	4/27/98
Volatiles (µg/L)									
cis-1,3-Dichloropropene	< 2	< 2	< 2	< 1	< 1	< 1	< 1	< 1	< 1
Dibromochloromethane	< 2	< 2	< 2	< 1	< 1	< 1	< 1	< 1	< 1
Dichlorodifluoromethane				< 1	< 1	< 1	< 1	< 1	< 1
Ethylbenzene	< 2	< 2	< 2	< 1	< 1	< 1	< 1	< 1	< 1
Hexachlorobutadiene									
Isopropylbenzene									
m,p-Xylene									
m-Dichlorobenzene	< 2	< 2	< 2						
Methyl bromide	< 5	< 5	< 5						
Methyl chloride	< 5	< 5	< 5						
Methyl Tert Butyl Ether				< 1	< 1	< 1	< 1	< 1	< 1
Methylene bromide									
Methylene chloride	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
n-Butylbenzene									
n-Propylbenzene									
Naphthalene									
o-Chlorotoluene									
o-Dichlorobenzene	< 2	< 2	< 2						
o-Xylene									
p-Chlorotoluene									
p-Dichlorobenzene	< 2	< 2	< 2						
p-Isopropyltoluene									
sec-Butylbenzene									
Styrene									
tert-Butylbenzene									
Tetrachloroethene				< 1	< 1	< 1	< 1	< 1	< 1
Tetrachloroethylene	< 2	< 2	< 2						
Toluene	< 2	< 2	< 2	< 1	< 1	< 1	< 1	< 1	< 1
trans-1,2-Dichloroethene				< 1	< 1	< 1	< 1	< 1	< 1
trans-1,2-Dichloroethylene	< 2	< 2	< 2						
trans-1,3-Dichloropropene	< 2	< 2	< 2	< 1	< 1	< 1	< 1	< 1	< 1
Trichloroethene				< 1	< 1	< 1	< 1	< 1	< 1
Trichloroethylene	< 2	< 2	< 2						
Trichlorofluoromethane	< 5	< 5	< 5	< 1	< 1	< 1	< 1	< 1	< 1
Vinyl chloride	< 5	< 5	< 5	< 1	< 1	< 1	< 1	< 1	< 1
Xylene (total)	< 6	< 6	< 6	< 3	< 3	< 3	< 3	< 3	< 3

PHASE II GROUNDWATER DPT SAMPLES

SAMPLE ID	NTCGW24408	NTCGW24508	NTCGW24608	NTCGW24708	NTCGW24730	NTCGW24730-D	NTCGW24808	NTCGW24830	NTCGW24908
LAB ID	F2287-1	F2287-2	F2287-3	F2287-5	F2287-4	F2287-8	F2287-7	F2287-6	F2312-2
SAMPLE DATE	4/28/98	4/28/98	4/28/98	4/28/98	4/28/98	4/28/98	4/28/98	4/28/98	5/4/98
Volatiles (µg/L)									
1,1,1,2-Tetrachloroethane									
1,1,1-Trichloroethane	< 7.2	< 2	< 20	< 2	< 2	< 2	< 2	< 2	< 2
1,1,2,2-Tetrachloroethane	< 7.2	< 2	< 20	< 2	< 2	< 2	< 2	< 2	< 2
1,1,2-Trichloroethane	< 7.2	< 2	< 20	< 2	< 2	< 2	< 2	< 2	< 2
1,1-Dichloroethane	< 7.2	< 2	< 20	< 2	< 2	< 2	< 2	< 2	< 2
1,1-Dichloroethene									
1,1-Dichloroethylene	< 7.2	< 2	< 20	< 2	< 2	< 2	< 2	< 2	< 2
1,1-Dichloropropene									
1,2,3-Trichlorobenzene									
1,2,3-Trichloropropane									
1,2,4-Trichlorobenzene									
1,2,4-Trimethylbenzene									
1,2-Dibromo-3-chloropropane									
1,2-Dibromoethane									
1,2-Dichlorobenzene									
1,2-Dichloroethane	< 7.2	< 2	< 20	< 2	< 2	< 2	< 2	< 2	< 2
1,2-Dichloropropane	< 7.2	< 2	< 20	< 2	< 2	< 2	< 2	< 2	< 2
1,3,5-Trimethylbenzene									
1,3-Dichlorobenzene									
1,3-Dichloropropane									
1,4-Dichlorobenzene									
2,2-Dichloropropane									
2-Chloroethyl vinyl ether	< 18	< 5	< 50	< 5	< 5	< 5	< 5	< 5	< 5
2-Chloroethylvinyl ether									
Acrolein	< 36	< 10	< 100	< 10	< 10	< 10	< 10	< 10	< 10
Acrylonitrile	< 36	< 10	< 100	< 10	< 10	< 10	< 10	< 10	< 10
Benzene	< 7.2	< 2	< 20	< 2	< 2	< 2	1 J	< 2	< 2
Bromobenzene									
Bromochloromethane									
Bromodichloromethane	< 7.2	< 2	< 20	< 2	< 2	< 2	< 2	< 2	< 2
Bromoform	< 7.2	< 2	< 20	< 2	< 2	< 2	< 2	< 2	< 2
Bromomethane									
Carbon tetrachloride	< 7.2	< 2	< 20	< 2	< 2	< 2	< 2	< 2	< 2
Chlorobenzene	< 7.2	< 2	< 20	< 2	< 2	< 2	< 2	< 2	< 2
Chloroethane	< 7.2	< 2	< 20	< 2	< 2	< 2	< 2	< 2	< 2
Chloroform	< 7.2	< 2	< 20	< 2	< 2	< 2	< 2	< 2	< 2
Chloromethane									
cis-1,2-Dichloroethene									
cis-1,2-Dichloroethylene									

PHASE II GROUNDWATER DPT SAMPLES

SAMPLE ID	NTCGW24408	NTCGW24508	NTCGW24608	NTCGW24708	NTCGW24730	NTCGW24730-D	NTCGW24808	NTCGW24830	NTCGW24908
LAB ID	F2287-1	F2287-2	F2287-3	F2287-5	F2287-4	F2287-8	F2287-7	F2287-6	F2312-2
SAMPLE DATE	4/28/98	4/28/98	4/28/98	4/28/98	4/28/98	4/28/98	4/28/98	4/28/98	5/4/98
Volatiles (µg/L)									
cis-1,3-Dichloropropene	< 7.2	< 2	< 20	< 2	< 2	< 2	< 2	< 2	< 2
Dibromochloromethane	< 7.2	< 2	< 20	< 2	< 2	< 2	< 2	< 2	< 2
Dichlorodifluoromethane									
Ethylbenzene	< 7.2	< 2	< 20	< 2	< 2	< 2	< 2	< 2	< 2
Hexachlorobutadiene									
Isopropylbenzene									
m,p-Xylene									
m-Dichlorobenzene	< 7.2	< 2	< 20	< 2	< 2	< 2	< 2	< 2	< 2
Methyl bromide	< 18	< 5	< 50	< 5	< 5	< 5	< 5	< 5	< 5
Methyl chloride	< 18	< 5	< 50	< 5	< 5	< 5	< 5	< 5	< 5
Methyl Tert Butyl Ether									
Methylene bromide									
Methylene chloride	< 18	< 5	< 50	< 5	< 5	< 5	< 5	< 5	< 5
n-Butylbenzene									
n-Propylbenzene									
Naphthalene									
o-Chlorotoluene									
o-Dichlorobenzene	< 7.2	< 2	< 20	< 2	< 2	< 2	< 2	< 2	< 2
o-Xylene									
p-Chlorotoluene									
p-Dichlorobenzene	< 7.2	< 2	< 20	< 2	< 2	< 2	< 2	< 2	< 2
p-Isopropyltoluene									
sec-Butylbenzene									
Styrene									
tert-Butylbenzene									
Tetrachloroethene									
Tetrachloroethylene	< 7.2	< 2	< 20	< 2	< 2	< 2	< 2	< 2	< 2
Toluene	< 7.2	< 2	< 20	< 2	< 2	< 2	< 2	< 2	< 2
trans-1,2-Dichloroethene									
trans-1,2-Dichloroethylene	< 7.2	< 2	< 20	< 2	< 2	< 2	< 2	< 2	< 2
trans-1,3-Dichloropropene	< 7.2	< 2	< 20	< 2	< 2	< 2	< 2	< 2	< 2
Trichloroethene									
Trichloroethylene	< 7.2	< 2	< 20	< 2	< 2	< 2	< 2	< 2	< 2
Trichlorofluoromethane	< 18	< 5	< 50	< 5	< 5	< 5	< 5	< 5	< 5
Vinyl chloride	< 18	< 5	< 50	< 5	< 5	< 5	< 5	< 5	< 5
Xylene (total)	< 21	< 6	< 61	< 6	< 6	< 6	< 6	< 6	< 6

PHASE II GROUNDWATER DPT SAMPLES

SAMPLE ID	NTCGW24930	NTCGW25030	NTCGW25108	NTCGW25130	NTCGW25160	NTCGW25170	NTCGW25218	NTCGW25230	NTCGW25260
LAB ID	F2312-1	F2312-3	F2326-13	F2326-12	F2326-11	F2326-10	F2334-1	F2334-2	F2334-3
SAMPLE DATE	5/4/98	5/4/98	5/5/98	5/5/98	5/5/98	5/5/98	5/6/98	5/6/98	5/6/98
Volatiles (µg/L)									
1,1,1,2-Tetrachloroethane									
1,1,1-Trichloroethane	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
1,1,2,2-Tetrachloroethane	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
1,1,2-Trichloroethane	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
1,1-Dichloroethane	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
1,1-Dichloroethene									
1,1-Dichloroethylene	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
1,1-Dichloropropene									
1,2,3-Trichlorobenzene									
1,2,3-Trichloropropane									
1,2,4-Trichlorobenzene									
1,2,4-Trimethylbenzene									
1,2-Dibromo-3-chloropropane									
1,2-Dibromoethane									
1,2-Dichlorobenzene									
1,2-Dichloroethane	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
1,2-Dichloropropane	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
1,3,5-Trimethylbenzene									
1,3-Dichlorobenzene									
1,3-Dichloropropane									
1,4-Dichlorobenzene									
2,2-Dichloropropane									
2-Chloroethyl vinyl ether	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
2-Chloroethylvinyl ether									
Acrolein	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10
Acrylonitrile	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10
Benzene	< 2	1.3 J	< 2	1.7 J	< 2	< 2	< 2	1.8 J	< 2
Bromobenzene									
Bromochloromethane									
Bromodichloromethane	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Bromoform	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Bromomethane									
Carbon tetrachloride	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Chlorobenzene	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Chloroethane	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Chloroform	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Chloromethane									
cis-1,2-Dichloroethene									
cis-1,2-Dichloroethylene									

PHASE II GROUNDWATER DPT SAMPLES

SAMPLE ID	NTCGW24930	NTCGW25030	NTCGW25108	NTCGW25130	NTCGW25160	NTCGW25170	NTCGW25218	NTCGW25230	NTCGW25260
LAB ID	F2312-1	F2312-3	F2326-13	F2326-12	F2326-11	F2326-10	F2334-1	F2334-2	F2334-3
SAMPLE DATE	5/4/98	5/4/98	5/5/98	5/5/98	5/5/98	5/5/98	5/6/98	5/6/98	5/6/98
Volatiles (µg/L)									
cis-1,3-Dichloropropene	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Dibromochloromethane	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Dichlorodifluoromethane									
Ethylbenzene	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Hexachlorobutadiene									
Isopropylbenzene									
m,p-Xylene									
m-Dichlorobenzene	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Methyl bromide	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Methyl chloride	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Methyl Tert Butyl Ether									
Methylene bromide									
Methylene chloride	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
n-Butylbenzene									
n-Propylbenzene									
Naphthalene									
o-Chlorotoluene									
o-Dichlorobenzene	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
o-Xylene									
p-Chlorotoluene									
p-Dichlorobenzene	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
p-Isopropyltoluene									
sec-Butylbenzene									
Styrene									
tert-Butylbenzene									
Tetrachloroethene									
Tetrachloroethylene	< 2	< 2	< 2	26.8	< 2	< 2	< 2	< 2	< 2
Toluene	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
trans-1,2-Dichloroethene									
trans-1,2-Dichloroethylene	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
trans-1,3-Dichloropropene	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Trichloroethene									
Trichloroethylene	< 2	< 2	< 2	511	< 2	< 2	< 2	44.4	< 2
Trichlorofluoromethane	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Vinyl chloride	< 5	< 5	< 5	9.9	< 5	< 5	< 5	4.8 J	< 5
Xylene (total)	< 6	< 6	< 6	< 6	< 6	< 6	< 6	< 6	< 6

PHASE II GROUNDWATER DPT SAMPLES

SAMPLE ID	NTCGW25270	NTCGW25308	NTCGW25330	NTCGW25360	NTCGW25430	NTCGW25608	NTCGW25708	NTCGW25708-D	NTCGW25808
LAB ID	F2334-4	F2334-5	F2334-6	F2334-7	F2334-8	F2343-1	F2343-2	F2343-7	F2343-3
SAMPLE DATE	5/6/98	5/6/98	5/6/98	5/6/98	5/6/98	5/7/98	5/7/98	5/7/98	5/7/98
Volatiles (µg/L)									
1,1,1,2-Tetrachloroethane									
1,1,1-Trichloroethane	< 2	< 2	< 2	< 2	< 2	< 7.4	< 2	< 2	< 2
1,1,2,2-Tetrachloroethane	< 2	< 2	< 2	< 2	< 2	< 7.4	< 2	< 2	< 2
1,1,2-Trichloroethane	< 2	< 2	< 2	< 2	< 2	< 7.4	< 2	< 2	< 2
1,1-Dichloroethane	< 2	< 2	< 2	< 2	< 2	< 7.4	< 2	< 2	< 2
1,1-Dichloroethene						< 7.4			
1,1-Dichloroethylene	< 2	< 2	< 2	< 2	< 2		< 2	< 2	< 2
1,1-Dichloropropene									
1,2,3-Trichlorobenzene									
1,2,3-Trichloropropane									
1,2,4-Trichlorobenzene									
1,2,4-Trimethylbenzene									
1,2-Dibromo-3-chloropropane									
1,2-Dibromoethane						< 7.4			
1,2-Dichlorobenzene						< 7.4			
1,2-Dichloroethane	< 2	< 2	< 2	< 2	< 2	< 7.4	< 2	< 2	< 2
1,2-Dichloropropane	< 2	< 2	< 2	< 2	< 2	< 7.4	< 2	< 2	< 2
1,3,5-Trimethylbenzene									
1,3-Dichlorobenzene						< 7.4			
1,3-Dichloropropane									
1,4-Dichlorobenzene						< 7.4			
2,2-Dichloropropane									
2-Chloroethyl vinyl ether	< 5	< 5	< 5	< 5	< 5	< 7.4	< 5	< 5	< 5
2-Chloroethylvinyl ether									
Acrolein	< 10	< 10	< 10	< 10	< 10		< 10	< 10	< 10
Acrylonitrile	< 10	< 10	< 10	< 10	< 10		< 10	< 10	< 10
Benzene	< 2	< 2	3.3	< 2	1.2 J	< 7.4	< 2	< 2	< 2
Bromobenzene									
Bromochloromethane									
Bromodichloromethane	< 2	< 2	< 2	< 2	< 2	< 7.4	< 2	< 2	< 2
Bromoform	< 2	< 2	< 2	< 2	< 2	< 7.4	< 2	< 2	< 2
Bromomethane						< 7.4			
Carbon tetrachloride	< 2	< 2	< 2	< 2	< 2	< 7.4	< 2	< 2	< 2
Chlorobenzene	< 2	< 2	4	< 2	< 2	< 7.4	< 2	< 2	< 2
Chloroethane	< 2	< 2	< 2	< 2	< 2	< 7.4	< 2	< 2	< 2
Chloroform	< 2	< 2	< 2	< 2	< 2	< 7.4	< 2	< 2	< 2
Chloromethane						< 7.4			
cis-1,2-Dichloroethene						< 7.4			
cis-1,2-Dichloroethylene									

PHASE II GROUNDWATER DPT SAMPLES

SAMPLE ID	NTCGW25270	NTCGW25308	NTCGW25330	NTCGW25360	NTCGW25430	NTCGW25608	NTCGW25708	NTCGW25708-D	NTCGW25808
LAB ID	F2334-4	F2334-5	F2334-6	F2334-7	F2334-8	F2343-1	F2343-2	F2343-7	F2343-3
SAMPLE DATE	5/6/98	5/6/98	5/6/98	5/6/98	5/6/98	5/7/98	5/7/98	5/7/98	5/7/98
Volatiles (µg/L)									
cis-1,3-Dichloropropene	< 2	< 2	< 2	< 2	< 2	< 7.4	< 2	< 2	< 2
Dibromochloromethane	< 2	< 2	< 2	< 2	< 2	< 7.4	< 2	< 2	< 2
Dichlorodifluoromethane						< 7.4			
Ethylbenzene	< 2	< 2	< 2	< 2	< 2	< 7.4	< 2	< 2	< 2
Hexachlorobutadiene									
Isopropylbenzene									
m,p-Xylene									
m-Dichlorobenzene	< 2	< 2	< 2	< 2	< 2		< 2	< 2	< 2
Methyl bromide	< 5	< 5	< 5	< 5	< 5		< 5	< 5	< 5
Methyl chloride	< 5	< 5	< 5	< 5	< 5		< 5	< 5	< 5
Methyl Tert Butyl Ether						< 7.4			
Methylene bromide									
Methylene chloride	< 5	< 5	< 5	< 5	< 5	< 37	< 5	< 5	< 5
n-Butylbenzene									
n-Propylbenzene									
Naphthalene									
o-Chlorotoluene									
o-Dichlorobenzene	< 2	< 2	< 2	< 2	< 2		< 2	< 2	< 2
o-Xylene									
p-Chlorotoluene									
p-Dichlorobenzene	< 2	< 2	< 2	< 2	< 2		< 2	< 2	< 2
p-Isopropyltoluene									
sec-Butylbenzene									
Styrene									
tert-Butylbenzene									
Tetrachloroethene						< 7.4			
Tetrachloroethylene	< 2	< 2	< 2	< 2	< 2		< 2	< 2	< 2
Toluene	< 2	< 2	< 2	< 2	< 2	< 7.4	< 2	< 2	< 2
trans-1,2-Dichloroethene						< 7.4			
trans-1,2-Dichloroethylene	< 2	< 2	< 2	< 2	< 2		< 2	< 2	< 2
trans-1,3-Dichloropropene	< 2	< 2	< 2	< 2	< 2	< 7.4	< 2	< 2	< 2
Trichloroethene						< 7.4			
Trichloroethylene	< 2	< 2	37.4	< 2	1.9 J		< 2	< 2	< 2
Trichlorofluoromethane	< 5	< 5	< 5	< 5	< 5	< 7.4	< 5	< 5	< 5
Vinyl chloride	< 5	< 5	4 J	< 5	< 5	< 7.4	< 5	< 5	< 5
Xylene (total)	< 6	< 6	< 6	< 6	< 6	< 22	< 6	< 6	< 6

PHASE II GROUNDWATER DPT SAMPLES

SAMPLE ID	NTCGW25930	NTCGW26030	NTCGW26130	NTCGW26208	NTCGW26230	NTCGW26308	NTCGW26330	NTCGW26408	NTCGW26430
LAB ID	F2343-4	F2343-5	F2343-6	F2353-2	F2353-1	F2353-3	F2353-4	F2353-6	F2353-5
SAMPLE DATE	5/7/98	5/7/98	5/7/98	5/8/98	5/8/98	5/8/98	5/8/98	5/8/98	5/8/98
Volatiles (µg/L)									
1,1,1,2-Tetrachloroethane									
1,1,1-Trichloroethane	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
1,1,2,2-Tetrachloroethane	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
1,1,2-Trichloroethane	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
1,1-Dichloroethane	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
1,1-Dichloroethene									
1,1-Dichloroethylene	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
1,1-Dichloropropene									
1,2,3-Trichlorobenzene									
1,2,3-Trichloropropane									
1,2,4-Trichlorobenzene									
1,2,4-Trimethylbenzene									
1,2-Dibromo-3-chloropropane									
1,2-Dibromoethane									
1,2-Dichlorobenzene									
1,2-Dichloroethane	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
1,2-Dichloropropane	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
1,3,5-Trimethylbenzene									
1,3-Dichlorobenzene									
1,3-Dichloropropane									
1,4-Dichlorobenzene									
2,2-Dichloropropane									
2-Chloroethyl vinyl ether	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
2-Chloroethylvinyl ether									
Acrolein	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10
Acrylonitrile	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10
Benzene	1.2 J	< 2	< 2	< 2	< 2	< 2	1.6 J	< 2	4.4
Bromobenzene									
Bromochloromethane									
Bromodichloromethane	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Bromoform	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Bromomethane									
Carbon tetrachloride	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Chlorobenzene	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Chloroethane	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Chloroform	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Chloromethane									
cis-1,2-Dichloroethene									
cis-1,2-Dichloroethylene									

PHASE II GROUNDWATER DPT SAMPLES

SAMPLE ID	NTCGW25930	NTCGW26030	NTCGW26130	NTCGW26208	NTCGW26230	NTCGW26308	NTCGW26330	NTCGW26408	NTCGW26430
LAB ID	F2343-4	F2343-5	F2343-6	F2353-2	F2353-1	F2353-3	F2353-4	F2353-6	F2353-5
SAMPLE DATE	5/7/98	5/7/98	5/7/98	5/8/98	5/8/98	5/8/98	5/8/98	5/8/98	5/8/98
Volatiles (µg/L)									
cis-1,3-Dichloropropene	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Dibromochloromethane	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Dichlorodifluoromethane									
Ethylbenzene	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Hexachlorobutadiene									
Isopropylbenzene									
m,p-Xylene									
m-Dichlorobenzene	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Methyl bromide	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Methyl chloride	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Methyl Tert Butyl Ether									
Methylene bromide									
Methylene chloride	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
n-Butylbenzene									
n-Propylbenzene									
Naphthalene									
o-Chlorotoluene									
o-Dichlorobenzene	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
o-Xylene									
p-Chlorotoluene									
p-Dichlorobenzene	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
p-Isopropyltoluene									
sec-Butylbenzene									
Styrene									
tert-Butylbenzene									
Tetrachloroethene									
Tetrachloroethylene	< 2	< 2	< 2	< 2	41.3	< 2	< 2	< 2	< 2
Toluene	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
trans-1,2-Dichloroethene									
trans-1,2-Dichloroethylene	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
trans-1,3-Dichloropropene	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Trichloroethene									
Trichloroethylene	< 2	< 2	< 2	< 2	1650	< 2	13.9	< 2	< 2
Trichlorofluoromethane	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Vinyl chloride	< 5	< 5	< 5	< 5	21.4	< 5	< 5	< 5	< 5
Xylene (total)	< 6	< 6	< 6	< 6	< 6	< 6	< 6	< 6	< 6

PHASE II GROUNDWATER DPT SAMPLES

SAMPLE ID	NTCGW26430-D	NTCGW26508	NTCGW26530	NTCGW26608	NTCGW26630	NTCGW26708	NTCGW26730	NTCGW26808	NTCGW26830
LAB ID	F2353-15	F2353-8	F2353-7	F2353-10	F2353-9	F2353-12	F2353-11	F2353-14	F2353-13
SAMPLE DATE	5/8/98	5/8/98	5/8/98	5/8/98	5/8/98	5/8/98	5/8/98	5/8/98	5/8/98
Volatiles (µg/L)									
1,1,1,2-Tetrachloroethane									
1,1,1-Trichloroethane	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
1,1,2,2-Tetrachloroethane	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
1,1,2-Trichloroethane	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
1,1-Dichloroethane	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
1,1-Dichloroethene									
1,1-Dichloroethylene	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
1,1-Dichloropropene									
1,2,3-Trichlorobenzene									
1,2,3-Trichloropropane									
1,2,4-Trichlorobenzene									
1,2,4-Trimethylbenzene									
1,2-Dibromo-3-chloropropane									
1,2-Dibromoethane									
1,2-Dichlorobenzene									
1,2-Dichloroethane	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
1,2-Dichloropropane	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
1,3,5-Trimethylbenzene									
1,3-Dichlorobenzene									
1,3-Dichloropropane									
1,4-Dichlorobenzene									
2,2-Dichloropropane									
2-Chloroethyl vinyl ether	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
2-Chloroethylvinyl ether									
Acrolein	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10
Acrylonitrile	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10
Benzene	4.1	< 2	2.3	< 2	< 2	< 2	< 2	< 2	< 2
Bromobenzene									
Bromochloromethane									
Bromodichloromethane	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Bromoform	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Bromomethane									
Carbon tetrachloride	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Chlorobenzene	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Chloroethane	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Chloroform	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Chloromethane									
cis-1,2-Dichloroethene									
cis-1,2-Dichloroethylene									

PHASE II GROUNDWATER DPT SAMPLES

SAMPLE ID	NTCGW26430-D	NTCGW26508	NTCGW26530	NTCGW26608	NTCGW26630	NTCGW26708	NTCGW26730	NTCGW26808	NTCGW26830
LAB ID	F2353-15	F2353-8	F2353-7	F2353-10	F2353-9	F2353-12	F2353-11	F2353-14	F2353-13
SAMPLE DATE	5/8/98	5/8/98	5/8/98	5/8/98	5/8/98	5/8/98	5/8/98	5/8/98	5/8/98
Volatiles (µg/L)									
cis-1,3-Dichloropropene	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Dibromochloromethane	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Dichlorodifluoromethane									
Ethylbenzene	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Hexachlorobutadiene									
Isopropylbenzene									
m,p-Xylene									
m-Dichlorobenzene	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Methyl bromide	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Methyl chloride	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Methyl Tert Butyl Ether									
Methylene bromide									
Methylene chloride	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
n-Butylbenzene									
n-Propylbenzene									
Naphthalene									
o-Chlorotoluene									
o-Dichlorobenzene	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
o-Xylene									
p-Chlorotoluene									
p-Dichlorobenzene	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
p-Isopropyltoluene									
sec-Butylbenzene									
Styrene									
tert-Butylbenzene									
Tetrachloroethene									
Tetrachloroethylene	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Toluene	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
trans-1,2-Dichloroethene									
trans-1,2-Dichloroethylene	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
trans-1,3-Dichloropropene	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Trichloroethene									
Trichloroethylene	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Trichlorofluoromethane	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Vinyl chloride	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Xylene (total)	< 6	< 6	< 6	< 6	< 6	< 6	< 6	< 6	< 6

PHASE II GROUNDWATER DPT SAMPLES

SAMPLE ID	NTCGW26908	NTCGW26908-D	NTCGW26930	NTCGW27008	NTCGW27030	NTCGW27108	NTCGW27130	NTCGW27208	NTCGW27230
LAB ID	F2354-2	F2354-13	F2354-1	F2354-4	F2354-3	F2354-6	F2354-5	F2354-8	F2354-7
SAMPLE DATE	5/9/98	5/9/98	5/9/98	5/9/98	5/9/98	5/9/98	5/9/98	5/9/98	5/9/98
Volatiles (µg/L)									
1,1,1,2-Tetrachloroethane									
1,1,1-Trichloroethane	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,1,2,2-Tetrachloroethane	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,1,2-Trichloroethane	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,1-Dichloroethane	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,1-Dichloroethene	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,1-Dichloroethylene									
1,1-Dichloropropene									
1,2,3-Trichlorobenzene									
1,2,3-Trichloropropane									
1,2,4-Trichlorobenzene									
1,2,4-Trimethylbenzene									
1,2-Dibromo-3-chloropropane									
1,2-Dibromoethane	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,2-Dichlorobenzene	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,2-Dichloroethane	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,2-Dichloropropane	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,3,5-Trimethylbenzene									
1,3-Dichlorobenzene	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,3-Dichloropropane									
1,4-Dichlorobenzene	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
2,2-Dichloropropane									
2-Chloroethyl vinyl ether									
2-Chloroethylvinyl ether	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Acrolein									
Acrylonitrile									
Benzene	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Bromobenzene									
Bromochloromethane									
Bromodichloromethane	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Bromoform	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Bromomethane	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Carbon tetrachloride	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Chlorobenzene	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Chloroethane	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Chloroform	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Chloromethane	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
cis-1,2-Dichloroethene	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
cis-1,2-Dichloroethylene									

PHASE II GROUNDWATER DPT SAMPLES

SAMPLE ID	NTCGW26908	NTCGW26908-D	NTCGW26930	NTCGW27008	NTCGW27030	NTCGW27108	NTCGW27130	NTCGW27208	NTCGW27230
LAB ID	F2354-2	F2354-13	F2354-1	F2354-4	F2354-3	F2354-6	F2354-5	F2354-8	F2354-7
SAMPLE DATE	5/9/98	5/9/98	5/9/98	5/9/98	5/9/98	5/9/98	5/9/98	5/9/98	5/9/98
Volatiles (µg/L)									
cis-1,3-Dichloropropene	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Dibromochloromethane	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Dichlorodifluoromethane	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Ethylbenzene	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Hexachlorobutadiene									
Isopropylbenzene									
m,p-Xylene									
m-Dichlorobenzene									
Methyl bromide									
Methyl chloride									
Methyl Tert Butyl Ether	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Methylene bromide									
Methylene chloride	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
n-Butylbenzene									
n-Propylbenzene									
Naphthalene									
o-Chlorotoluene									
o-Dichlorobenzene									
o-Xylene									
p-Chlorotoluene									
p-Dichlorobenzene									
p-Isopropyltoluene									
sec-Butylbenzene									
Styrene									
tert-Butylbenzene									
Tetrachloroethene	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Tetrachloroethylene									
Toluene	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
trans-1,2-Dichloroethene	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
trans-1,2-Dichloroethylene									
trans-1,3-Dichloropropene	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Trichloroethene	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Trichloroethylene									
Trichlorofluoromethane	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Vinyl chloride	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Xylene (total)	< 3	< 3	< 3	< 3	< 3	< 3	< 3	< 3	< 3

PHASE II GROUNDWATER DPT SAMPLES

SAMPLE ID	NTCGW27308	NTCGW27330	NTCGW27408	NTCGW27430	NTCGW27508	NTCGW27530	NTCGW27530-D	NTCGW27608	NTCGW27630
LAB ID	F2354-10	F2354-9	F2354-12	F2354-11	F2355-2	F2355-1	F2355-11	F2355-4	F2355-3
SAMPLE DATE	5/9/98	5/9/98	5/9/98	5/9/98	5/10/98	5/10/98	5/10/98	5/10/98	5/10/98
Volatiles (µg/L)									
1,1,1,2-Tetrachloroethane									
1,1,1-Trichloroethane	< 1	< 1	< 1	< 1	< 2	< 2	< 2	< 2	< 2
1,1,2,2-Tetrachloroethane	< 1	< 1	< 1	< 1	< 2	< 2	< 2	< 2	< 2
1,1,2-Trichloroethane	< 1	< 1	< 1	< 1	< 2	< 2	< 2	< 2	< 2
1,1-Dichloroethane	< 1	< 1	< 1	< 1	< 2	< 2	< 2	< 2	< 2
1,1-Dichloroethene	< 1	< 1	< 1	< 1					
1,1-Dichloroethylene					< 2	< 2	< 2	< 2	< 2
1,1-Dichloropropene									
1,2,3-Trichlorobenzene									
1,2,3-Trichloropropane									
1,2,4-Trichlorobenzene									
1,2,4-Trimethylbenzene									
1,2-Dibromo-3-chloropropane									
1,2-Dibromoethane	< 1	< 1	< 1	< 1					
1,2-Dichlorobenzene	< 1	< 1	< 1	< 1					
1,2-Dichloroethane	< 1	< 1	< 1	< 1	< 2	< 2	< 2	< 2	< 2
1,2-Dichloropropane	< 1	< 1	< 1	< 1	< 2	< 2	< 2	< 2	< 2
1,3,5-Trimethylbenzene									
1,3-Dichlorobenzene	< 1	< 1	< 1	< 1					
1,3-Dichloropropane									
1,4-Dichlorobenzene	< 1	< 1	< 1	< 1					
2,2-Dichloropropane									
2-Chloroethyl vinyl ether					< 5	< 5	< 5	< 5	< 5
2-Chloroethylvinyl ether	< 1	< 1	< 1	< 1					
Acrolein					< 10	< 10	< 10	< 10	< 10
Acrylonitrile					< 10	< 10	< 10	< 10	< 10
Benzene	< 1	< 1	< 1	< 1	< 2	< 2	< 2	< 2	< 2
Bromobenzene									
Bromochloromethane									
Bromodichloromethane	< 1	< 1	< 1	< 1	< 2	< 2	< 2	< 2	< 2
Bromoform	< 1	< 1	< 1	< 1	< 2	< 2	< 2	< 2	< 2
Bromomethane	< 1	< 1	< 1	< 1					
Carbon tetrachloride	< 1	< 1	< 1	< 1	< 2	< 2	< 2	< 2	< 2
Chlorobenzene	< 1	< 1	< 1	< 1	< 2	< 2	< 2	< 2	< 2
Chloroethane	< 1	< 1	< 1	< 1	< 2	< 2	< 2	< 2	< 2
Chloroform	< 1	< 1	< 1	< 1	< 2	< 2	< 2	< 2	< 2
Chloromethane	< 1	< 1	< 1	< 1					
cis-1,2-Dichloroethene	< 1	< 1	< 1	< 1					
cis-1,2-Dichloroethylene									

PHASE II GROUNDWATER DPT SAMPLES

SAMPLE ID	NTCGW27308	NTCGW27330	NTCGW27408	NTCGW27430	NTCGW27508	NTCGW27530	NTCGW27530-D	NTCGW27608	NTCGW27630
LAB ID	F2354-10	F2354-9	F2354-12	F2354-11	F2355-2	F2355-1	F2355-11	F2355-4	F2355-3
SAMPLE DATE	5/9/98	5/9/98	5/9/98	5/9/98	5/10/98	5/10/98	5/10/98	5/10/98	5/10/98
Volatiles (pg/L)									
cis-1,3-Dichloropropene	< 1	< 1	< 1	< 1	< 2	< 2	< 2	< 2	< 2
Dibromochloromethane	< 1	< 1	< 1	< 1	< 2	< 2	< 2	< 2	< 2
Dichlorodifluoromethane	< 1	< 1	< 1	< 1					
Ethylbenzene	< 1	< 1	< 1	< 1	< 2	< 2	< 2	< 2	< 2
Hexachlorobutadiene									
Isopropylbenzene									
m,p-Xylene									
m-Dichlorobenzene					< 2	< 2	< 2	< 2	< 2
Methyl bromide					< 5	< 5	< 5	< 5	< 5
Methyl chloride					< 5	< 5	< 5	< 5	< 5
Methyl Tert Butyl Ether	< 1	< 1	< 1	< 1					
Methylene bromide									
Methylene chloride	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
n-Butylbenzene									
n-Propylbenzene									
Naphthalene									
o-Chlorotoluene									
o-Dichlorobenzene					< 2	< 2	< 2	< 2	< 2
o-Xylene									
p-Chlorotoluene									
p-Dichlorobenzene					< 2	< 2	< 2	< 2	< 2
p-Isopropyltoluene									
sec-Butylbenzene									
Styrene									
tert-Butylbenzene									
Tetrachloroethene	< 1	< 1	< 1	< 1					
Tetrachloroethylene					< 2	< 2	< 2	< 2	< 2
Toluene	< 1	< 1	< 1	< 1	< 2	< 2	< 2	< 2	< 2
trans-1,2-Dichloroethene	< 1	< 1	< 1	< 1					
trans-1,2-Dichloroethylene					< 2	< 2	< 2	< 2	< 2
trans-1,3-Dichloropropene	< 1	< 1	< 1	< 1	< 2	< 2	< 2	< 2	< 2
Trichloroethene	< 1	< 1	< 1	< 1					
Trichloroethylene					< 2	< 2	< 2	< 2	< 2
Trichlorofluoromethane	< 1	< 1	< 1	< 1	< 5	< 5	< 5	< 5	< 5
Vinyl chloride	< 1	< 1	< 1	< 1	< 5	< 5	< 5	< 5	< 5
Xylene (total)	< 3	< 3	< 3	< 3	< 6	< 6	< 6	< 6	< 6

PHASE II GROUNDWATER DPT SAMPLES

SAMPLE ID	NTCGW27708	NTCGW27730	NTCGW27808	NTCGW27830	NTCGW27908	NTCGW27930	NTCGW27930-D
LAB ID	F2355-6	F2355-5	F2355-8	F2355-7	F2355-10	F2355-9	F2355-12
SAMPLE DATE	5/10/98	5/10/98	5/10/98	5/10/98	5/10/98	5/10/98	5/10/98
Volatiles (µg/L)							
1,1,1,2-Tetrachloroethane							
1,1,1-Trichloroethane	< 2	< 2	< 2	< 2	< 2	< 2	< 2
1,1,2,2-Tetrachloroethane	< 2	< 2	< 2	< 2	< 2	< 2	< 2
1,1,2-Trichloroethane	< 2	< 2	< 2	< 2	< 2	< 2	< 2
1,1-Dichloroethane	< 2	< 2	< 2	< 2	< 2	< 2	< 2
1,1-Dichloroethene							
1,1-Dichloroethylene	< 2	< 2	< 2	< 2	< 2	< 2	< 2
1,1-Dichloropropene							
1,2,3-Trichlorobenzene							
1,2,3-Trichloropropane							
1,2,4-Trichlorobenzene							
1,2,4-Trimethylbenzene							
1,2-Dibromo-3-chloropropane							
1,2-Dibromoethane							
1,2-Dichlorobenzene							
1,2-Dichloroethane	< 2	< 2	< 2	< 2	< 2	< 2	< 2
1,2-Dichloropropane	< 2	< 2	< 2	< 2	< 2	< 2	< 2
1,3,5-Trimethylbenzene							
1,3-Dichlorobenzene							
1,3-Dichloropropane							
1,4-Dichlorobenzene							
2,2-Dichloropropane							
2-Chloroethyl vinyl ether	< 5	< 5	< 5	< 5	< 5	< 5	< 5
2-Chloroethylvinyl ether							
Acrolein	< 10	< 10	< 10	< 10	< 10	< 10	< 10
Acrylonitrile	< 10	< 10	< 10	< 10	< 10	< 10	< 10
Benzene	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Bromobenzene							
Bromochloromethane							
Bromodichloromethane	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Bromoform	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Bromomethane							
Carbon tetrachloride	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Chlorobenzene	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Chloroethane	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Chloroform	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Chloromethane							
cis-1,2-Dichloroethene							
cis-1,2-Dichloroethylene							

PHASE II GROUNDWATER DPT SAMPLES

SAMPLE ID	NTCGW27708	NTCGW27730	NTCGW27808	NTCGW27830	NTCGW27908	NTCGW27930	NTCGW27930-D
LAB ID	F2355-6	F2355-5	F2355-8	F2355-7	F2355-10	F2355-9	F2355-12
SAMPLE DATE	5/10/98	5/10/98	5/10/98	5/10/98	5/10/98	5/10/98	5/10/98
Volatiles (µg/L)							
cis-1,3-Dichloropropene	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Dibromochloromethane	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Dichlorodifluoromethane							
Ethylbenzene	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Hexachlorobutadiene							
Isopropylbenzene							
m,p-Xylene							
m-Dichlorobenzene	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Methyl bromide	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Methyl chloride	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Methyl Tert Butyl Ether							
Methylene bromide							
Methylene chloride	< 5	< 5	< 5	< 5	< 5	< 5	< 5
n-Butylbenzene							
n-Propylbenzene							
Naphthalene							
o-Chlorotoluene							
o-Dichlorobenzene	< 2	< 2	< 2	< 2	< 2	< 2	< 2
o-Xylene							
p-Chlorotoluene							
p-Dichlorobenzene	< 2	< 2	< 2	< 2	< 2	< 2	< 2
p-Isopropyltoluene							
sec-Butylbenzene							
Styrene							
tert-Butylbenzene							
Tetrachloroethene							
Tetrachloroethylene	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Toluene	< 2	< 2	< 2	< 2	< 2	< 2	< 2
trans-1,2-Dichloroethene							
trans-1,2-Dichloroethylene	< 2	< 2	< 2	< 2	< 2	< 2	< 2
trans-1,3-Dichloropropene	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Trichloroethene							
Trichloroethylene	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Trichlorofluoromethane	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Vinyl chloride	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Xylene (total)	< 6	< 6	< 6	< 6	< 6	< 6	< 6

PHASE III GROUND\ ER DPT SAMPLES

Samples Collected:	9/19/00 - 09/23/00	Collected by:	R. Brand	Client:	TetraTech
Samples Received:	9/19/00 - 09/23/00	Received by:	D. McInnes	Client Address:	800 Oakridge Turnpike
Samples Analyzed:	9/19/00 - 09/23/00	Analyzed by:	D.McInnes		Suite A600
Samples Reported:	9/26/00	Reported by:	Doug McInnes		Oak Ridge, TN 37830
Project Identification:	NEX, Orlando FL	Report Revision:	0.0	Client Contact:	Skip Barton
Columbia Job Code:	TTP09130	Method Deviations:	none	Client Phone:	615-483-9900 X4757
Purchase Order:		Sampling Method:	Direct Push	Client Fax:	615-483-2014

USEPA Method 8260 Water Sample Analysis Results in ug/L

Compound	PQL[1] (ug/L)	MW18B (ug/L)		P23B 14' (ug/L)		P23B 28' (ug/L)		P34B 14' (ug/L)		P34B 28' (ug/L)		P33B 14' (ug/L)		P33B 28' (ug/L)		P30B 14' (ug/L)		P30B 28' (ug/L)		P29B 14' (ug/L)	
Dichlorodifluromethane	5	100	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
Chloromethane	5	100	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
Vinyl Chloride	5	100	U	5	U	5	U	5	U	5	U	4	J	4	J	5	U	4	J	5	U
Bromomethane	5	100	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
Chloroethane	5	100	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
1,1-Dichloroethene	5	100	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
Methylene Chloride	5	100	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
trans-1,2-dichloroethene	5	100	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
1,1-Dichloroethane	5	100	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
cis-1,2-Dichloroethene	5	100	U	5	U	5	U	5	U	1	J	9		5	U	5	U	3	J	1	J
Chloroform	5	100	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
1,1,1-Trichloroethane	5	100	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
1,2-Dichloroethane	5	100	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
1,2-Dichloropropane	5	100	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
Benzene	5	100	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
Carbon Tetrachloride	5	100	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
Trichloroethylene	5	706		4	J	7		6		37		76	D	66	D	5	J	50		27	
Bromodichloromethane	5	100	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
cis-1,3-Dichloropropene	5	100	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
Toluene	5	102	B	4	JB	4	JB	4	JB	4	JB	4	JB	4	JB	4	JB	4	JB	4	JB
1,1,2-Trichloroethane	5	100	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
trans-1,3-Dichloropropene	5	100	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
Dibromochloromethane	5	100	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
1,2-Dibromoethane	5	100	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
Tetrachloroethylene	5	69	J	5	U	5	J	5	U	5		4	J	4	J	5	U	5		5	J
Chlorobenzene	5	100	U	5	U	5	U	5	U	16		5	U	5	U	5	U	12		10	
Ethylbenzene	5	100	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
m+p Xylene	10	200	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U
Bromoform	5	100	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
Styrene	5	100	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
o-Xylene	5	100	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
1,1,2,2-Tetrachloroethane	5	100	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
1,3-Dichlorobenzene	5	100	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
1,4-Dichlorobenzene	5	100	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
1,2-Dichlorobenzene	5	100	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
1,2,4-Trichlorobenzene	5	100	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
Dilution Factor:		20		1		1		1		1		1, 5		1, 5		1		1		1	

U: Non-detect result

J: Estimated value - less than PQL

B: Compound found in associated method blank

D: Dilute result

E: Estimated value - greater than upper limit of calibration curve

1 PQL: Practical quantitation limit using the initial calibration curve low point and dilution factors where applicable

SAMPLE NARRATIVE:

Quality Control Analyst: _____

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PHASE III GROUNDWATER DPT SAMPLES

Samples Collected:	9/19/00 - 09/23/00	Collected by:	R. Brand	Client:	TetraTech
Samples Received:	9/19/00 - 09/23/00	Received by:	D. McInnes	Client Address:	800 Oakridge Turnpike
Samples Analyzed:	9/19/00 - 09/23/00	Analyzed by:	D.McInnes		Suite A600
Samples Reported:	9/26/00	Reported by:	Doug McInnes		Oak Ridge, TN 37830
Project Identification:	NEX, Orlando FL	Report Revision:	0.0	Client Contact:	Skip Barton
Columbia Job Code:	TTP09130	Method Deviations:	none	Client Phone:	615-483-9900 X4757
Purchase Order:		Sampling Method:	Direct Push	Client Fax:	615-483-2014

USEPA Method 8260 Water Sample Analysis Results in ug/L

Compound	PQL[1] (ug/L)	P29B 28' (ug/L)		P31B 14' (ug/L)		P31B 28' (ug/L)		P32B 14' (ug/L)		P32B 28' (ug/L)		P1B 14' (ug/L)		P1B 28' (ug/L)		P2B 14' (ug/L)		P2B 28' (ug/L)	
Dichlorodifluromethane	5	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
Chloromethane	5	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
Vinyl Chloride	5	5	U	5	U	9		5	U	12		5	U	9		5	U	9	
Bromomethane	5	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
Chloroethane	5	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
1,1-Dichloroethene	5	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
Methylene Chloride	5	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
trans-1,2-dichloroethene	5	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
1,1-Dichloroethane	5	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
cis-1,2-Dichloroethene	5	1	J	5	U	8		5	U	16		5	U	15		5	U	11	
Chloroform	5	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
1,1,1-Trichloroethane	5	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
1,2-Dichloroethane	5	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
1,2-Dichloropropane	5	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
Benzene	5	5	U	5	U	5	U	5	U	5	U	5	U	13		2	J	37	
Carbon Tetrachloride	5	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
Trichloroethylene	5	30		5	J	134	D	5		360	D	2	J	5	U	5	U	5	U
Bromodichloromethane	5	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
cis-1,3-Dichloropropene	5	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
Toluene	5	4	JB	4	JB	4	JB	4	JB	4	JB	4	JB	4	JB	4	JB	5	JB
1,1,2-Trichloroethane	5	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
trans-1,3-Dichloropropene	5	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
Dibromochloromethane	5	5	U	5	J	5	U	5	U	5	U	5	U	5	U	5	U	5	U
1,2-Dibromoethane	5	5	U	5	J	5	U	5	U	5	U	5	U	5	U	5	U	5	U
Tetrachloroethylene	5	5	J	5	U	5		5	U	8		5	U	5	U	5	U	5	U
Chlorobenzene	5	11		5	U	2	J	5	U	5	U	25		22		13		42	
Ethylbenzene	5	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
m+p Xylene	10	10	U	10	U	10	U	10	U	10	U	10	U	26		5	U	36	
Bromoform	5	5	U	2	J	5	U	5	U	5	U	5	U	5	U	5	U	5	U
Styrene	5	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
o-Xylene	5	5	U	5	U	5	U	5	U	5	U	5	U	4	J	5	U	7	
1,1,2,2-Tetrachloroethane	5	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
1,3-Dichlorobenzene	5	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
1,4-Dichlorobenzene	5	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	23	
1,2-Dichlorobenzene	5	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
1,2,4-Trichlorobenzene	5	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
Dilution Factor:		1		1		1, 10		1		1, 20		1		1		1		1	

U: Non-detect result
J: Estimated value - less than PQL
D: Dilute result
B: Compound found in associated method blank
E: Estimated value - greater than upper limit of calibration curve

1 PQL: Practical quantitation limit using the initial calibration curve low point and dilution factors where applicable

SAMPLE NARRATIVE:

Quality Control Analyst: _____

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Samples Collected:	9/19/00 - 09/23/00	Collected by:	R. Brand	Client:	TetraTech
Samples Received:	9/19/00 - 09/23/00	Received by:	D. McInnes	Client Address:	800 Oakridge Turnpike
Samples Analyzed:	9/19/00 - 09/23/00	Analyzed by:	D.McInnes		Suite A600
Samples Reported:	9/26/00	Reported by:	Doug McInnes		Oak Ridge, TN 37830
Project Identification:	NEX, Orlando FL	Report Revision:	0.0	Client Contact:	Skip Barton
Columbia Job Code:	TTP09130	Method Deviations:	none	Client Phone:	615-483-9900 X4757
Purchase Order:		Sampling Method:	Direct Push	Client Fax:	615-483-2014

USEPA Method 8260 Water Sample Analysis Results in ug/L

Compound	PQL[1] (ug/L)	P3B 16' (ug/L)		P3B 30' (ug/L)		P4B 16' (ug/L)		P4B 30' (ug/L)		P5B 16' (ug/L)		P5B 30' (ug/L)		P6B 16' (ug/L)		P6B 30' (ug/L)		P7B 16' (ug/L)		P7B 30' (ug/L)	
Dichlorodifluromethane	5	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
Chloromethane	5	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
Vinyl Chloride	5	5	U	12		5	U	13		209	D	10		40		6		5	U	11	
Bromomethane	5	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
Chloroethane	5	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
1,1-Dichloroethene	5	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
Methylene Chloride	5	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
trans-1,2-dichloroethene	5	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
1,1-Dichloroethane	5	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
cis-1,2-Dichloroethene	5	5	U	38		5	U	18		28		9		5	U	5		3	J	6	
Chloroform	5	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
1,1,1-Trichloroethane	5	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
1,2-Dichloroethane	5	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
1,2-Dichloropropane	5	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
Benzene	5	11		31		5	U	38		5	U	45		26		24		20		52	D
Carbon Tetrachloride	5	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
Trichloroethylene	5	5	U	5	U	5		5		7		5	J	2	J	5	J	10		5	
Bromodichloromethane	5	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
cis-1,3-Dichloropropene	5	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
Toluene	5	4	JB	5	JB	4	JB	4	JB	4	JB	4	JB	4	JB	4	JB	4	JB	4	JB
1,1,2-Trichloroethane	5	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
trans-1,3-Dichloropropene	5	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
Dibromochloromethane	5	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
1,2-Dibromoethane	5	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
Tetrachloroethylene	5	5	U	5	U	5	U	5	U	4	J	5	U	5	U	5	U	6		5	U
Chlorobenzene	5	23		34		5	U	48		11		50		114	D	15		43		77	D
Ethylbenzene	5	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
m+p Xylene	10	10	U	40		10	U	10	U	10	U	10	U	10	U	10	U	10	U	9	J
Bromoform	5	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
Styrene	5	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
o-Xylene	5	5	U	9		5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
1,1,2,2-Tetrachloroethane	5	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
1,3-Dichlorobenzene	5	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
1,4-Dichlorobenzene	5	5	U	20		5	U	10		5	U	5	U	5	U	5	U	5	U	5	U
1,2-Dichlorobenzene	5	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
1,2,4-Trichlorobenzene	5	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
Dilution Factor:		1		1		1		1		1, 10		1		1, 5		1		1		1, 5	

U: Non-detect result
J: Estimated value - less than PQL
D: Dilute result
E: Estimated value - greater than upper limit of calibration curve
B: Compound found in associated method blank

1 PQL: Practical quantitation limit using the initial calibration curve low point and dilution factors where applicable

SAMPLE NARRATIVE:

Quality Control Analyst: _____

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Samples Collected:	9/19/00 - 09/23/00	Collected by:	R. Brand	Client:	TetraTech
Samples Received:	9/19/00 - 09/23/00	Received by:	D. McInnes	Client Address:	800 Oakridge Turnpike
Samples Analyzed:	9/19/00 - 09/23/00	Analyzed by:	D.McInnes		Suite A600
Samples Reported:	9/26/00	Reported by:	Doug McInnes		Oak Ridge, TN 37830
Project Identification:	NEX, Orlando FL	Report Revision:	0.0	Client Contact:	Skip Barton
Columbia Job Code:	TTP09130	Method Deviations:	none	Client Phone:	615-483-9900 X4757
Purchase Order:		Sampling Method:	Direct Push	Client Fax:	615-483-2014

USEPA Method 8260 Water Sample Analysis Results in ug/L

Compound	PQL[1] (ug/L)	P8B 16' (ug/L)		P8B 30' (ug/L)		P9B 16' (ug/L)		P9B 30' (ug/L)		P10B 16' (ug/L)		P10B 30' (ug/L)		P11B 16' (ug/L)		P11B 30' (ug/L)		P12B 16' (ug/L)		P12B 30' (ug/L)	
Dichlorodifluromethane	5	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
Chloromethane	5	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
Vinyl Chloride	5	5	U	8		11		4	J	5	U	7		5	U	4	J	5	U	5	J
Bromomethane	5	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
Chloroethane	5	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
1,1-Dichloroethene	5	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
Methylene Chloride	5	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
trans-1,2-dichloroethene	5	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
1,1-Dichloroethane	5	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
cis-1,2-Dichloroethene	5	5	U	5		7		2	J	5	U	7		5	U	4	J	5	U	2	J
Chloroform	5	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
1,1,1-Trichloroethane	5	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
1,2-Dichloroethane	5	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
1,2-Dichloropropane	5	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
Benzene	5	5	U	40		5	U	41		5	U	6		5	U	5	U	5	U	36	
Carbon Tetrachloride	5	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
Trichloroethylene	5	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5		5	U	5	U
Bromodichloromethane	5	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
cis-1,3-Dichloropropene	5	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
Toluene	5	4	JB	4	JB	4	JB	4	JB	4	JB	4	JB	4	JB	4	JB	4	JB	4	JB
1,1,2-Trichloroethane	5	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
trans-1,3-Dichloropropene	5	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
Dibromochloromethane	5	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
1,2-Dibromoethane	5	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
Tetrachloroethylene	5	5	U	5	U	5	U	5	U	5	U	6		5	U	4	J	5	U	5	U
Chlorobenzene	5	6		44		6		30		5	U	32		5	U	15		5	U	37	
Ethylbenzene	5	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
m+p Xylene	10	10	U	9	J	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U
Bromoform	5	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
Styrene	5	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
o-Xylene	5	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
1,1,2,2-Tetrachloroethane	5	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
1,3-Dichlorobenzene	5	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
1,4-Dichlorobenzene	5	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
1,2-Dichlorobenzene	5	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
1,2,4-Trichlorobenzene	5	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
Dilution Factor:		1		1		1		1		1		1		1		1		1		1	

U: Non-detect result
J: Estimated value - less than PQL
D: Dilute result
E: Estimated value - greater than upper limit of calibration curve
B: Compound found in associated method blank

1 PQL: Practical quantitation limit using the initial calibration curve low point and dilution factors where applicable

SAMPLE NARRATIVE:

Quality Control Analyst: _____

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Samples Collected:	9/19/00 - 09/23/00	Collected by:	R. Brand	Client:	TetraTech
Samples Received:	9/19/00 - 09/23/00	Received by:	D. McInnes	Client Address:	800 Oakridge Turnpike
Samples Analyzed:	9/19/00 - 09/23/00	Analyzed by:	D.McInnes		Suite A600
Samples Reported:	9/26/00	Reported by:	Doug McInnes		Oak Ridge, TN 37830
Project Identification:	NEX, Orlando FL	Report Revision:	0.0	Client Contact:	Skip Barton
Columbia Job Code:	TTP09130	Method Deviations:	none	Client Phone:	615-483-9900 X4757
Purchase Order:		Sampling Method:	Direct Push	Client Fax:	615-483-2014

USEPA Method 8260 Water Sample Analysis Results in ug/L

Compound	PQL[1] (ug/L)	P13B 16' (ug/L)		P13B 30' (ug/L)		P18B 14' (ug/L)		P18B 28' (ug/L)		P19B 14' (ug/L)		P19B 28' (ug/L)		P20B 14' (ug/L)		P20B 28' (ug/L)		P24B 14' (ug/L)		P24B 28' (ug/L)	
Dichlorodifluromethane	5	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
Chloromethane	5	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
Vinyl Chloride	5	5	U	3	J	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
Bromomethane	5	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
Chloroethane	5	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
1,1-Dichloroethene	5	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
Methylene Chloride	5	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
trans-1,2-dichloroethene	5	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
1,1-Dichloroethane	5	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
cis-1,2-Dichloroethene	5	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
Chloroform	5	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
1,1,1-Trichloroethane	5	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
1,2-Dichloroethane	5	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
1,2-Dichloropropane	5	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
Benzene	5	5	U	4	J	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
Carbon Tetrachloride	5	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
Trichloroethylene	5	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
Bromodichloromethane	5	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
cis-1,3-Dichloropropene	5	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
Toluene	5	4	JB	4	JB	4	JB	4	JB	4	JB	4	JB	4	JB	4	JB	4	JB	4	JB
1,1,2-Trichloroethane	5	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
trans-1,3-Dichloropropene	5	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
Dibromochloromethane	5	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
1,2-Dibromoethane	5	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
Tetrachloroethylene	5	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
Chlorobenzene	5	5	U	5	U	5	U	5	U	5	U	5	U	5	U	4	J	5	U	5	U
Ethylbenzene	5	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
m+p Xylene	10	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U
Bromoform	5	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
Styrene	5	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
o-Xylene	5	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
1,1,2,2-Tetrachloroethane	5	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
1,3-Dichlorobenzene	5	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
1,4-Dichlorobenzene	5	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
1,2-Dichlorobenzene	5	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
1,2,4-Trichlorobenzene	5	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
Dilution Factor:		1		1		1		1		1		1		1		1		1		1	

U: Non-detect result
J: Estimated value - less than PQL
B: Compound found in associated method blank
D: Dilute result
E: Estimated value - greater than upper limit of calibration curve

1 PQL: Practical quantitation limit using the initial calibration curve low point and dilution factors where applicable

SAMPLE NARRATIVE

Quality Control Analyst: _____

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PHASE III GROUNDWATER DPT SAMPLES

Samples Collected:	9/19/00 - 09/23/00	Collected by:	R. Brand	Client:	TetraTech
Samples Received:	9/19/00 - 09/23/00	Received by:	D. McInnes	Client Address:	800 Oakridge Turnpike
Samples Analyzed:	9/19/00 - 09/23/00	Analyzed by:	D.McInnes		Suite A600
Samples Reported:	9/26/00	Reported by:	Doug McInnes		Oak Ridge, TN 37830
Project Identification:	NEX, Orlando FL	Report Revision:	0 0	Client Contact:	Skip Barton
Columbia Job Code:	TTP09130	Method Deviations:	none	Client Phone:	615-483-9900 X4757
Purchase Order:		Sampling Method:	Direct Push	Client Fax:	615-483-2014

USEPA Method 8260 Water Sample Analysis Results in ug/L

Compound	PQL[1] (ug/L)	P14B 16' (ug/L)		P14B 30' (ug/L)		P15B 14' (ug/L)		P15B 28' (ug/L)		P16B 14' (ug/L)		P16B 28' (ug/L)		P17B 14' (ug/L)		P17B 28' (ug/L)		P212B 14' (ug/L)		P21B 28' (ug/L)	
Dichlorodifluromethane	5	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
Chloromethane	5	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
Vinyl Chloride	5	5	U	7		5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
Bromomethane	5	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
Chloroethane	5	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
1,1-Dichloroethene	5	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
Methylene Chloride	5	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
trans-1,2-dichloroethene	5	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
1,1-Dichloroethane	5	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
cis-1,2-Dichloroethene	5	5	U	2	J	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
Chloroform	5	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
1,1,1-Trichloroethane	5	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
1,2-Dichloroethane	5	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
1,2-Dichloropropane	5	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
Benzene	5	5	U	22		5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
Carbon Tetrachloride	5	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
Trichloroethylene	5	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	3	J
Bromodichloromethane	5	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
cis-1,3-Dichloropropene	5	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
Toluene	5	4	JB	4	JB	4	JB	4	JB	4	JB	4	JB	4	JB	4	JB	4	JB	4	JB
1,1,2-Trichloroethane	5	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
trans-1,3-Dichloropropene	5	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
Dibromochloromethane	5	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
1,2-Dibromoethane	5	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
Tetrachloroethylene	5	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
Chlorobenzene	5	5	U	58	E	5	U	5	U	5	U	5	U	5	U	5	U	5	U	4	J
Ethylbenzene	5	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
m+p Xylene	10	10	U	7	J	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U
Bromoform	5	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
Styrene	5	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
o-Xylene	5	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
1,1,2,2-Tetrachloroethane	5	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
1,3-Dichlorobenzene	5	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
1,4-Dichlorobenzene	5	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
1,2-Dichlorobenzene	5	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
1,2,4-Trichlorobenzene	5	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
Dilution Factor:		1		1		1		1		1		1		1		1		1		1	

U: Non-detect result

J: Estimated value - less than PQL

D: Dilute result

E: Estimated value - greater than upper limit of calibration curve

B: Compound found in associated method blank

1 PQL: Practical quantitation limit using the initial calibration curve low point and dilution factors where applicable

SAMPLE NARRATIVE:

Quality Control Analyst _____

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Samples Collected:	9/19/00 - 09/23/00	Collected by:	R. Brand	Client:	TetraTech
Samples Received:	9/19/00 - 09/23/00	Received by:	D. McInnes	Client Address:	800 Oakridge Turnpike
Samples Analyzed:	9/19/00 - 09/23/00	Analyzed by:	D.McInnes		Suite A600
Samples Reported:	9/26/00	Reported by:	Doug McInnes		Oak Ridge, TN 37830
Project Identification:	NEX, Orlando FL	Report Revision:	0.0	Client Contact:	Skip Barton
Columbia Job Code:	TTP09130	Method Deviations:	none	Client Phone:	615-483-9900 X4757
Purchase Order:		Sampling Method:	Direct Push	Client Fax:	615-483-2014

USEPA Method 8260 Water Sample Analysis Results in ug/L

Compound	PQL[1] (ug/L)	P22B 14' (ug/L)		P22B 28' (ug/L)	
Dichlorodifluromethane	5	5	U	5	U
Chloromethane	5	5	U	5	U
Vinyl Chloride	5	5	U	5	U
Bromomethane	5	5	U	5	U
Chloroethane	5	5	U	5	U
1,1-Dichloroethene	5	5	U	5	U
Methylene Chloride	5	5	U	5	U
trans-1,2-dichloroethene	5	5	U	5	U
1,1-Dichloroethane	5	5	U	5	U
cis-1,2-Dichloroethene	5	5	U	4	J
Chloroform	5	5	U	5	U
1,1,1-Trichloroethane	5	5	U	5	U
1,2-Dichloroethane	5	5	U	5	U
1,2-Dichloropropane	5	5	U	5	U
Benzene	5	5	U	5	U
Carbon Tetrachloride	5	5	U	5	U
Trichloroethylene	5	5	U	9	
Bromodichloromethane	5	5	U	5	U
cis-1,3-Dichloropropene	5	5	U	5	U
Toluene	5	4	JB	4	JB
1,1,2-Trichloroethane	5	5	U	5	U
trans-1,3-Dichloropropene	5	5	U	5	U
Dibromochloromethane	5	5	U	5	U
1,2-Dibromoethane	5	5	U	5	U
Tetrachloroethylene	5	5	U	20	
Chlorobenzene	5	5	U	5	U
Ethylbenzene	5	5	U	5	U
m+p Xylene	10	10	U	10	U
Bromoform	5	5	U	5	U
Styrene	5	5	U	5	U
o-Xylene	5	5	U	5	U
1,1,2,2-Tetrachloroethane	5	5	U	5	U
1,3-Dichlorobenzene	5	5	U	5	U
1,4-Dichlorobenzene	5	5	U	5	U
1,2-Dichlorobenzene	5	5	U	5	U
1,2,4-Trichlorobenzene	5	5	U	5	U
Dilution Factor:		1		1	

U: Non-detect result

J: Estimated value - less than PQL

D: Dilute result

E: Estimated value - greater than upper limit of calibration curve

B: Compound found in associated method blank

1 PQL: Practical quantitation limit using the initial calibration curve low point and dilution factors where applicable

SAMPLE NARRATIVE:

Quality Control Analyst: _____

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PHASE III GROUNDWATER DPT SAMPLES

SAMPLE ID	NTCOU2PX2516	NTCOU2PX2530	NTCOU2PX2616	NTCOU2PX2630	NTCOU2PX2716	NTCOU2PX2730	NTCOU2PX2816	NTCOU2PX2830	TB-020101
LAB ID	WR0331-1	WR0331-2	WR0331-3	WR0331-4	WR0331-5	WR0331-6	WR0331-7	WR0331-8	WR0331-9
SAMPLE DATE	2/5/01	2/5/01	2/5/01	2/5/01	2/5/01	2/5/01	2/5/01	2/5/01	2/1/01
1,1,1-TRICHLOROETHANE	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,1,2,2-TETRACHLOROETHANE	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,1,2-TRICHLOROETHANE	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,1-DICHLOROETHANE	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,1-DICHLOROETHENE	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,2-DICHLOROETHANE	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,2-DICHLOROPROPANE	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
2-BUTANONE	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
2-HEXANONE	4 U	4 U	4 U	4 U	4 U	4 U	4 U	4 U	4 U
4-METHYL-2-PENTANONE	3 U	3 U	3 U	3 U	3 U	3 U	3 U	3 U	3 U
ACETONE	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	7
BENZENE	1 U	1 U	1 U	6	1 U	8	1 U	10	1 U
BROMODICHLOROMETHANE	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
BROMOFORM	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
BROMOMETHANE	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U
CARBON DISULFIDE	1 U	1 U	1 U	1 U	1 U	0.5 J	1 U	1 U	1 U
CARBON TETRACHLORIDE	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
CHLOROBENZENE	1 U	1 U	1 U	1 U	1 U	2	1 U	8	1 U
CHLOROETHANE	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U
CHLOROFORM	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
CHLOROMETHANE	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U
CIS-1,2-DICHLOROETHENE	2 U	2 U	2 U	2 U	2 U	9	2 U	2 J	2 U
CIS-1,3-DICHLOROPROPENE	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
DIBROMOCHLOROMETHANE	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
ETHYLBENZENE	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
METHYLENE CHLORIDE	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 B
STYRENE	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
TETRACHLOROETHENE	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
TOLUENE	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
TRANS-1,2-DICHLOROETHENE	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U
TRANS-1,3-DICHLOROPROPENE	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
TRICHLOROETHENE	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
VINYL CHLORIDE	2 U	2 U	2 U	3	2 U	15	2 U	1 J	2 U
XYLENES, TOTAL	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U

SAMPLE ID	OU2MW01A02	OU2MW01A02-D	OU2MW01B02	OU2MW01B02-D	OU2MW02A02	OU2MW02B02	OU2MW03A02	OU2MW03B02
LAB ID	A9I240260001	A9I240260001	A9G150210003	A9G150210004	A9G150210002	A9G290198005	A9H020124003	A9H020124004
SAMPLE DATE	9/21/99	9/21/99	7/14/99	7/14/99	7/13/99	7/28/99	7/29/99	7/29/99
VOLATILES (µg/L)								
1,1,1-TRICHLOROETHANE							5 UJ	5 UJ
1,1,2,2-TETRACHLOROETHANE							5 UJ	5 U
1,1,2-TRICHLOROETHANE							5 UJ	5 U
1,1-DICHLOROETHANE							5 UJ	5 U
1,1-DICHLOROETHENE							5 UJ	5 U
1,2-DICHLOROETHANE							5 UJ	5 U
1,2-DICHLOROPROPANE							5 UJ	5 U
2-BUTANONE							50 UJ	50 UJ
2-HEXANONE							50 UJ	50 U
4-METHYL-2-PENTANONE							50 UJ	50 U
ACETONE							50 UJ	50 UJ
BENZENE							5 UJ	3.4 J
BROMODICHLOROMETHANE							5 UJ	5 U
BROMOFORM							5 UJ	5 U
BROMOMETHANE							5 UJ	5 UJ
CARBON DISULFIDE							5 UJ	5 U
CARBON TETRACHLORIDE							5 UJ	5 UJ
CHLOROBENZENE							5 UJ	23
CHLOROETHANE							5 UJ	5 UJ
CHLOROFORM							5 UJ	5 U
CHLOROMETHANE							5 UJ	5 U
CIS-1,2-DICHLOROETHENE							5 UJ	5 U
CIS-1,3-DICHLOROPROPENE							5 UJ	5 U
DIBROMOCHLOROMETHANE							5 UJ	5 U
ETHYLBENZENE							5 UJ	5 U
METHYLENE CHLORIDE							5 U	5 U
STYRENE							5 UJ	5 U
TETRACHLOROETHENE							5 UJ	5 UJ
TOLUENE							5 UJ	5 U
TRANS-1,2-DICHLOROETHENE							5 UJ	5 U
TRANS-1,3-DICHLOROPROPENE							5 UJ	5 U
TRICHLOROETHENE							5 UJ	5 U
VINYL CHLORIDE							5 UJ	5 U
XYLENES, TOTAL							5 UJ	5 U

Blank cell - chemical not analyzed

SAMPLE ID	OU2MW01A02	OU2MW01A02-D	OU2MW01B02	OU2MW01B02-D	OU2MW02A02	OU2MW02B02	OU2MW03A02	OU2MW03B02
LAB ID	A9I240260001	A9I240260001	A9G150210003	A9G150210004	A9G150210002	A9G290198005	A9H020124003	A9H020124004
SAMPLE DATE	9/21/99	9/21/99	7/14/99	7/14/99	7/13/99	7/28/99	7/29/99	7/29/99
SEMIVOLATILES (µg/L)								
1,2,4-TRICHLOROBENZENE								
1,2-DICHLOROBENZENE								
1,3-DICHLOROBENZENE								
1,4-DICHLOROBENZENE								
2,4,5-TRICHLOROPHENOL								
2,4,6-TRICHLOROPHENOL								
2,4-DICHLOROPHENOL								
2,4-DIMETHYLPHENOL								
2,4-DINITROPHENOL								
2,4-DINITROTOLUENE								
2,6-DINITROTOLUENE								
2-CHLORONAPHTHALENE								
2-CHLOROPHENOL								
2-METHYLPHENOL								
2-NITROANILINE								
2-NITROPHENOL								
3,3'-DICHLOROBENZIDINE								
3-NITROANILINE								
4,6-DINITRO-2-METHYLPHENOL								
4-BROMOPHENYL PHENYL ETHER								
4-CHLORO-3-METHYLPHENOL								
4-CHLOROANILINE								
4-CHLOROPHENYL PHENYL ETHER								
4-METHYLPHENOL								
4-NITROANILINE								
4-NITROPHENOL								
BIS(2-CHLOROETHOXY)METHANE								
BIS(2-CHLOROETHYL)ETHER								
BIS(2-CHLOROISOPROPYL) ETHER								
BIS(2-ETHYLHEXYL)PHTHALATE								
BUTYLBENZYL PHTHALATE								
CARBAZOLE								

Blank cell = chemical not analyzed

SAMPLE ID	OU2MW01A02	OU2MW01A02-D	OU2MW01B02	OU2MW01B02-D	OU2MW02A02	OU2MW02B02	OU2MW03A02	OU2MW03B02
LAB ID	A9I240260001	A9I240260001	A9G150210003	A9G150210004	A9G150210002	A9G290198005	A9H020124003	A9H020124004
SAMPLE DATE	9/21/99	9/21/99	7/14/99	7/14/99	7/13/99	7/28/99	7/29/99	7/29/99
SEMIVOLATILES (µg/L) (Continued)								
DI-N-BUTYL PHTHALATE								
DI-N-OCTYL PHTHALATE								
DIBENZOFURAN								
DIETHYL PHTHALATE								
DIMETHYL PHTHALATE								
HEXACHLOROBENZENE								
HEXACHLOROBUTADIENE								
HEXACHLOROCYCLOPENTADIENE								
HEXACHLOROETHANE								
ISOPHORONE								
N-NITROSO-DI-N-PROPYLAMINE								
N-NITROSODIPHENYLAMINE								
NITROBENZENE								
PENTACHLOROPHENOL								
PHENOL								
PAHs (µg/L)								
1-METHYLNAPHTHALENE								
2-METHYLNAPHTHALENE								
ACENAPHTHENE								
ACENAPHTHYLENE								
ANTHRACENE								
BENZO(A)ANTHRACENE								
BENZO(A)PYRENE								
BENZO(B)FLUORANTHENE								
BENZO(G,H,I)PERYLENE								
BENZO(K)FLUORANTHENE								
CHRYSENE								
DIBENZO(A,H)ANTHRACENE								
FLUORANTHENE								
FLUORENE								
INDENO(1,2,3-CD)PYRENE								
NAPHTHALENE								
PHENANTHRENE								
PYRENE								

Blank cell - chemical not analyzed

SAMPLE ID	OU2MW01A02	OU2MW01A02-D	OU2MW01B02	OU2MW01B02-D	OU2MW02A02	OU2MW02B02	OU2MW03A02	OU2MW03B02
LAB ID	A9I240260001	A9I240260001	A9G150210003	A9G150210004	A9G150210002	A9G290198005	A9H020124003	A9H020124004
SAMPLE DATE	9/21/99	9/21/99	7/14/99	7/14/99	7/13/99	7/28/99	7/29/99	7/29/99
INORGANICS (µg/L)								
ALUMINUM	19400 J	15100 J	172 U	232 U	981	608 J	467	965
ANTIMONY	2.2 U	3.6 U	2.1 U	2.1 U	2.1 U	2.1 U	3.3 U	2.1 U
ARSENIC	2.3 U	2.3 U	2.2 U	2.2 U	2.9	2.2 U	2.2 U	2.2 U
BARIUM	36.5 J	34.2 J	4.9 U	5.2 U	13.9 U	22.2	91.6	41.5
BERYLLIUM	0.45 U	0.49 U	0.4 U	0.4 U	0.4 U	0.52 U	0.3 U	0.3 U
CADMIUM	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
CALCIUM	5740 J	12200 J	13200	13200	11700	17300 J	31700	41500
CHROMIUM	18.6 J	15.3 J	1.1 U	0.87 U	2.2 U	1.4 U	3.3 U	3.5 U
COBALT	1.5 U	1.5 U	7.3 U	7.3 U	7.3 U	1.4 U	5.2	2.4
COPPER	0.8	0.7 U	4.7 U	4.2 U	4.8 U	1 U	1.4	1.1
IRON	3330 J	2800 J	1470	1460	3760	3940	23700	15500
LEAD	6.8 J	6.1 J	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U
MAGNESIUM	1320 J	1270 J	1300	1280	4200	3330	2850	8570
MANGANESE	7.1 J	6.3 J	10.5 U	10.7 U	20.7 U	12.1	616	38.3
MERCURY	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
NICKEL	10.1 U	7.8 U	10.7 U	10.7 U	10.7 U	1.3 U	16.8	2.1 U
POTASSIUM	1580	1590	1370 U	1360 U	2310 U	1340	895	2960
SELENIUM	3.5 U	3.5	2.4 U	2.4 U	2.4 U	2.4 U	4.6 U	2.4 U
SILVER	0.6 U	0.6 U	0.9 U	0.9 U	0.9 U	0.9 U	0.9 U	0.9 U
SODIUM	6600	6770	10800 U	10700 U	9730 U	19100	11500	34100
THALLIUM	1 U	1 U	0.6 UJ	0.6 UJ	0.6 UJ	0.6 UJ	0.6 UJ	0.6 UJ
VANADIUM	67.3 J	62.6 J	2.6 U	2.6 U	11.3 U	7.8 U	6.2	7.4
ZINC	10.8 U	5.3 U	3.9 U	4 U	7.8 U	21.2 U	126	3.6 U
GENERAL CHEMISTRY (mg/L)								
HARDNESS as CaCO3			33					
TOTAL ALKALINITY			25					
TOTAL DISSOLVED SOLIDS			120					
TOTAL SUSPENDED SOLIDS			21					
RADIONUCLIDES (pCi/g)								
GROSS ALPHA	5.2	5.3	1.8	1.2		3.4		4.2
GROSS BETA	4.2	3.7	2.7	3.1		4.6 J		4.7

Blank cell - chemical not analyzed

SAMPLE ID	OU2MW04A02	OU2MW04B02	OU2MW05B02	OU2MW06A02	OU2MW06B02	OU2MW07A02	OU2MW07B02	OU2MW08A02
LAB ID	A9I240260010	A9I240260011	A9G150210001	A9H020124006	A9I240260004	A9I240260005	A9G230108002	A9I240260009
SAMPLE DATE	9/23/99	9/23/99	7/13/99	7/29/99	9/22/99	9/22/99	7/20/99	9/23/99
VOLATILES (µg/L)								
1,1,1-TRICHLOROETHANE								
1,1,2,2-TETRACHLOROETHANE								
1,1,2-TRICHLOROETHANE								
1,1-DICHLOROETHANE								
1,1-DICHLOROETHENE								
1,2-DICHLOROETHANE								
1,2-DICHLOROPROPANE								
2-BUTANONE								
2-HEXANONE								
4-METHYL-2-PENTANONE								
ACETONE								
BENZENE								
BROMODICHLOROMETHANE								
BROMOFORM								
BROMOMETHANE								
CARBON DISULFIDE								
CARBON TETRACHLORIDE								
CHLOROBENZENE								
CHLOROETHANE								
CHLOROFORM								
CHLOROMETHANE								
CIS-1,2-DICHLOROETHENE								
CIS-1,3-DICHLOROPROPENE								
DIBROMOCHLOROMETHANE								
ETHYLBENZENE								
METHYLENE CHLORIDE								
STYRENE								
TETRACHLOROETHENE								
TOLUENE								
TRANS-1,2-DICHLOROETHENE								
TRANS-1,3-DICHLOROPROPENE								
TRICHLOROETHENE								
VINYL CHLORIDE								
XYLENES, TOTAL								

Blank cell - chemical not analyzed

SAMPLE ID	OU2MW04A02	OU2MW04B02	OU2MW05B02	OU2MW06A02	OU2MW06B02	OU2MW07A02	OU2MW07B02	OU2MW08A02
LAB ID	A9I240260010	A9I240260011	A9G150210001	A9H020124006	A9I240260004	A9I240260005	A9G230108002	A9I240260009
SAMPLE DATE	9/23/99	9/23/99	7/13/99	7/29/99	9/22/99	9/22/99	7/20/99	9/23/99
SEMIVOLATILES (µg/L)								
1,2,4-TRICHLOROBENZENE								
1,2-DICHLOROBENZENE								
1,3-DICHLOROBENZENE								
1,4-DICHLOROBENZENE								
2,4,5-TRICHLOROPHENOL								
2,4,6-TRICHLOROPHENOL								
2,4-DICHLOROPHENOL								
2,4-DIMETHYLPHENOL								
2,4-DINITROPHENOL								
2,4-DINITROTOLUENE								
2,6-DINITROTOLUENE								
2-CHLORONAPHTHALENE								
2-CHLOROPHENOL								
2-METHYLPHENOL								
2-NITROANILINE								
2-NITROPHENOL								
3,3'-DICHLOROBENZIDINE								
3-NITROANILINE								
4,6-DINITRO-2-METHYLPHENOL								
4-BROMOPHENYL PHENYL ETHER								
4-CHLORO-3-METHYLPHENOL								
4-CHLOROANILINE								
4-CHLOROPHENYL PHENYL ETHER								
4-METHYLPHENOL								
4-NITROANILINE								
4-NITROPHENOL								
BIS(2-CHLOROETHOXY)METHANE								
BIS(2-CHLOROETHYL)ETHER								
BIS(2-CHLOROISOPROPYL) ETHER								
BIS(2-ETHYLHEXYL)PHTHALATE								
BUTYLBENZYL PHTHALATE								
CARBAZOLE								

Blank cell = chemical not analyzed

SAMPLE ID	OU2MW04A02	OU2MW04B02	OU2MW05B02	OU2MW06A02	OU2MW06B02	OU2MW07A02	OU2MW07B02	OU2MW08A02
LAB ID	A9I240260010	A9I240260011	A9G150210001	A9H020124006	A9I240260004	A9I240260005	A9G230108002	A9I240260009
SAMPLE DATE	9/23/99	9/23/99	7/13/99	7/29/99	9/22/99	9/22/99	7/20/99	9/23/99
SEMIVOLATILES (µg/L) (Continued)								
DI-N-BUTYL PHTHALATE								
DI-N-OCTYL PHTHALATE								
DIBENZOFURAN								
DIETHYL PHTHALATE								
DIMETHYL PHTHALATE								
HEXACHLOROBENZENE								
HEXACHLOROBUTADIENE								
HEXACHLOROCYCLOPENTADIENE								
HEXACHLOROETHANE								
ISOPHORONE								
N-NITROSO-DI-N-PROPYLAMINE								
N-NITROSODIPHENYLAMINE								
NITROBENZENE								
PENTACHLOROPHENOL								
PHENOL								
PAHs (µg/L)								
1-METHYLNAPHTHALENE								
2-METHYLNAPHTHALENE								
ACENAPHTHENE								
ACENAPHTHYLENE								
ANTHRACENE								
BENZO(A)ANTHRACENE								
BENZO(A)PYRENE								
BENZO(B)FLUORANTHENE								
BENZO(G,H,I)PERYLENE								
BENZO(K)FLUORANTHENE								
CHRYSENE								
DIBENZO(A,H)ANTHRACENE								
FLUORANTHENE								
FLUORENE								
INDENO(1,2,3-CD)PYRENE								
NAPHTHALENE								
PHENANTHRENE								
PYRENE								

Blank cell - chemical not analyzed

SAMPLE ID	OU2MW04A02	OU2MW04B02	OU2MW05B02	OU2MW06A02	OU2MW06B02	OU2MW07A02	OU2MW07B02	OU2MW08A02
LAB ID	A9I240260010	A9I240260011	A9G150210001	A9H020124006	A9I240260004	A9I240260005	A9G230108002	A9I240260009
SAMPLE DATE	9/23/99	9/23/99	7/13/99	7/29/99	9/22/99	9/22/99	7/20/99	9/23/99
INORGANICS (μg/L)								
ALUMINUM	105000 J	560000 J	1070	2490	1110000 J	48700 J	1050	4500 J
ANTIMONY	3 U	2.2 U	2.1 U	2.1 U	22 U	4.2 U	3.2 U	2.2 U
ARSENIC	5.6	27.1 J	2.2 U	6.9	121	3.5	2.2 U	2.3 U
BARIUM	420 J	2270 J	59.4	137	12400 J	161 J	20.3	52.5 J
BERYLLIUM	2 U	10.3 J	0.4 U	0.65 U	55.9 J	0.66 U	0.41 U	0.25 U
CADMIUM	0.2 U	0.2 UJ	0.2 U	0.2 U	7.5 U	0.2 U	0.2 U	0.2 U
CALCIUM	9580 J	44600 J	2760 U	10600	179000 J	4600 J	3550	74700 J
CHROMIUM	81.2 J	449 J	1.9 U	8.6 U	1490 J	38.5 J	1 U	2.8 U
COBALT	8.1 U	39 J	7.3 U	1.3	30.5 U	1.5 U	0.71 U	0.6 U
COPPER	12.2	33.9 J	7.6 U	1 U	363	9.7	1.3 U	0.7 U
IRON	11000 J	52200 J	1130	2990	127000 J	4290 J	696	327 J
LEAD	44.5 J	284 J	3.5 U	3.1 U	724 J	24.1 J	1.2 U	1.1 U
MAGNESIUM	3140 J	15400 J	1700	3910	57000 J	2360 J	677	4090 J
MANGANESE	39.1 J	164 J	7.3 U	10 U	368 J	11 J	1.7 U	11.8 J
MERCURY	0.26	3.5	0.1 U	0.1 U	5.6	0.13	0.1 U	0.1 U
NICKEL	50.6 J	288 J	10.7 U	7.3 U	188 J	15.5 J	1.3 U	2.2 U
POTASSIUM	1720	20900	1110 U	15100	61500	1500	522	4060
SELENIUM	11.7	31.8	2.4 U	2.4 U	87.2	3.5 U	2.4 U	3.5 U
SILVER	0.6 U	0.6 U	0.9 U	0.9 U	6 U	0.6 U	0.9 U	0.6 U
SODIUM	4850	29300	10800 U	78700	82000	6900	5570	15300
THALLIUM	1 U	1.8	1.7 U	1.2 UJ	4.2	1 U	0.6 UJ	1 UJ
VANADIUM	132 J	668 J	3.9 U	22.2	1120 J	49.8 J	2.2 U	7.4 J
ZINC	47.9 J	178 J	9.4 U	4 U	224 J	16.3 U	38.6 U	7.2 U
GENERAL CHEMISTRY (mg/L)								
HARDNESS as CaCO3								
TOTAL ALKALINITY								
TOTAL DISSOLVED SOLIDS								
TOTAL SUSPENDED SOLIDS								
RADIONUCLIDES (pCi/g)								
GROSS ALPHA	30.5	80.8	5.2	7	140		6	11.7
GROSS BETA	14.3	52.8	4.7	21.8	79.9		5.2	15.4

Blank cell - chemical not analyzed

SAMPLE ID	OU2MW08B02	OU2MW09A02	OU2MW09B02	OU2MW10A02	OU2MW10B02	OU2MW11A02	OU2MW11B02	OU2MW12B02
LAB ID	A9G190103001	A9G190103003	A9G190103004	A9G050110001	A9G050110002	A9H030173005	A9I240260006	A9H020124005
SAMPLE DATE	7/15/99	7/16/99	7/16/99	6/27/99	6/27/99	7/31/99	9/22/99	7/29/99
VOLATILES (µg/L)								
1,1,1-TRICHLOROETHANE							1.2 U	1 UJ
1,1,2,2-TETRACHLOROETHANE							1.2 U	1 U
1,1,2-TRICHLOROETHANE							1.2 U	1 U
1,1-DICHLOROETHANE							1.2 U	1 U
1,1-DICHLOROETHENE							1.2 U	1 U
1,2-DICHLOROETHANE							1.2 U	1 U
1,2-DICHLOROPROPANE							1.2 U	1 U
2-BUTANONE							12 UR	10 UJ
2-HEXANONE							12 U	10 U
4-METHYL-2-PENTANONE							12 U	10 U
ACETONE							12 UR	10 UJ
BENZENE							7.6	1.3
BROMODICHLOROMETHANE							1.2 U	1 U
BROMOFORM							1.2 U	1 U
BROMOMETHANE							1.2 U	1 UJ
CARBON DISULFIDE							1.2 U	1.4
CARBON TETRACHLORIDE							1.2 U	1 UJ
CHLOROBENZENE							4	1.9 U
CHLOROETHANE							1.2 U	1 UJ
CHLOROFORM							1.2 U	1 U
CHLOROMETHANE							1.2 U	1 U
CIS-1,2-DICHLOROETHENE							39	0.26 J
CIS-1,3-DICHLOROPROPENE							1.2 U	1 U
DIBROMOCHLOROMETHANE							1.2 U	1 U
ETHYLBENZENE							1.2 U	1 U
METHYLENE CHLORIDE							1.2 U	1 U
STYRENE							1.2 U	1 U
TETRACHLOROETHENE							1.2 U	5.1 J
TOLUENE							1.2	1 U
TRANS-1,2-DICHLOROETHENE							12	1 U
TRANS-1,3-DICHLOROPROPENE							1.2 U	1 U
TRICHLOROETHENE							1.2	0.71 J
VINYL CHLORIDE							16	0.64 J
XYLENES, TOTAL							11	1 U

Blank cell - chemical not analyzed

SAMPLE ID	OU2MW08B02	OU2MW09A02	OU2MW09B02	OU2MW10A02	OU2MW10B02	OU2MW11A02	OU2MW11B02	OU2MW12B02
LAB ID	A9G190103001	A9G190103003	A9G190103004	A9G050110001	A9G050110002	A9H030173005	A9I240260006	A9H020124005
SAMPLE DATE	7/15/99	7/16/99	7/16/99	6/27/99	6/27/99	7/31/99	9/22/99	7/29/99
SEMIVOLATILES (µg/L)								
1,2,4-TRICHLOROBENZENE								
1,2-DICHLOROBENZENE								
1,3-DICHLOROBENZENE								
1,4-DICHLOROBENZENE								
2,4,5-TRICHLOROPHENOL								
2,4,6-TRICHLOROPHENOL								
2,4-DICHLOROPHENOL								
2,4-DIMETHYLPHENOL								
2,4-DINITROPHENOL								
2,4-DINITROTOLUENE								
2,6-DINITROTOLUENE								
2-CHLORONAPHTHALENE								
2-CHLOROPHENOL								
2-METHYLPHENOL								
2-NITROANILINE								
2-NITROPHENOL								
3,3'-DICHLOROBENZIDINE								
3-NITROANILINE								
4,6-DINITRO-2-METHYLPHENOL								
4-BROMOPHENYL PHENYL ETHER								
4-CHLORO-3-METHYLPHENOL								
4-CHLOROANILINE								
4-CHLOROPHENYL PHENYL ETHER								
4-METHYLPHENOL								
4-NITROANILINE								
4-NITROPHENOL								
BIS(2-CHLOROETHOXY)METHANE								
BIS(2-CHLOROETHYL)ETHER								
BIS(2-CHLOROISOPROPYL) ETHER								
BIS(2-ETHYLHEXYL)PHTHALATE								
BUTYLBENZYL PHTHALATE								
CARBAZOLE								

Blank cell - chemical not analyzed

SAMPLE ID	OU2MW08B02	OU2MW09A02	OU2MW09B02	OU2MW10A02	OU2MW10B02	OU2MW11A02	OU2MW11B02	OU2MW12B02
LAB ID	A9G190103001	A9G190103003	A9G190103004	A9G050110001	A9G050110002	A9H030173005	A9I240260006	A9H020124005
SAMPLE DATE	7/15/99	7/16/99	7/16/99	6/27/99	6/27/99	7/31/99	9/22/99	7/29/99
SEMIVOLATILES (µg/L) (Continued)								
DI-N-BUTYL PHTHALATE								
DI-N-OCTYL PHTHALATE								
DIBENZOFURAN								
DIETHYL PHTHALATE								
DIMETHYL PHTHALATE								
HEXACHLOROBENZENE								
HEXACHLOROBUTADIENE								
HEXACHLOROCYCLOPENTADIENE								
HEXACHLOROETHANE								
ISOPHORONE								
N-NITROSO-DI-N-PROPYLAMINE								
N-NITROSODIPHENYLAMINE								
NITROBENZENE								
PENTACHLOROPHENOL								
PHENOL								
PAHs (µg/L)								
1-METHYLNAPHTHALENE								
2-METHYLNAPHTHALENE								
ACENAPHTHENE								
ACENAPHTHYLENE								
ANTHRACENE								
BENZO(A)ANTHRACENE								
BENZO(A)PYRENE								
BENZO(B)FLUORANTHENE								
BENZO(G,H,I)PERYLENE								
BENZO(K)FLUORANTHENE								
CHRYSENE								
DIBENZO(A,H)ANTHRACENE								
FLUORANTHENE								
FLUORENE								
INDENO(1,2,3-CD)PYRENE								
NAPHTHALENE								
PHENANTHRENE								
PYRENE								

Blank cell - chemical not analyzed

SAMPLE ID	OU2MW08B02	OU2MW09A02	OU2MW09B02	OU2MW10A02	OU2MW10B02	OU2MW11A02	OU2MW11B02	OU2MW12B02
LAB ID	A9G190103001	A9G190103003	A9G190103004	A9G050110001	A9G050110002	A9H030173005	A9I240260006	A9H020124005
SAMPLE DATE	7/15/99	7/16/99	7/16/99	6/27/99	6/27/99	7/31/99	9/22/99	7/29/99
INORGANICS (µg/L)								
ALUMINUM	507	754	1290	2300	340 U	1740 J	21400 J	581
ANTIMONY	2.7 U	2.7 U	2.1 U	2.1 U	2.1 U	2.1 U	2.2 U	2.1 U
ARSENIC	2.7	2.2 U	2.2 U	2.6	2.2 U	2.2	2.3 U	2.2 U
BARIUM	17.7	35.2	27.8	7.5 U	13.1 U	31.2	260 J	8.4
BERYLLIUM	0.3 U	0.3 U	0.57 U	0.4 U	0.4 U	0.31 U	0.97 U	0.3 U
CADMIUM	0.2 U	0.24 U	0.4 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
CALCIUM	4000	10500	16100	5060 U	16300	2780	24700 J	13100
CHROMIUM	1.3 U	0.86 U	1.2 U	2.2 U	1.1 U	2.4 U	25.5 J	3.6 U
COBALT	1.6 U	0.95 U	1.5 U	7.3 U	7.3 U	0.7 U	0.61 U	0.7 U
COPPER	1 U	1 U	1 U	7.4 U	5.3 U	1.7	6.7	1 U
IRON	1620 J	255 J	3340 J	102 U	1590	1770	5290 J	2640
LEAD	1.2 U	1.2 U	1.2 U	2 U	1.2 U	1.2 U	12 J	1.2 U
MAGNESIUM	2530	4880	2990	313 U	1630	2310	4320 J	1370
MANGANESE	1.7 U	1.7 U	7.3	2.5 U	12.4 U	4.8 U	21 J	23.3
MERCURY	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
NICKEL	1.3 U	1.3 U	1.3 U	10.7 U	10.7 U	1.9	6.2 U	1.3 U
POTASSIUM	1260	9130	1280	2680 U	1760 U	541 J	11400	1600
SELENIUM	2.4 U	2.4 U	2.4 U	2.5 U	2.4 U	2.4 U	3.5 U	5 U
SILVER	0.9 U	0.9 U	0.9 U	0.9 U	0.9 U	0.9 U	0.6 U	0.9 U
SODIUM	9900	60600	24400	5510 U	8660 U	7330	22400	9110
THALLIUM	1.1 U	0.6 UJ	0.6 UJ	1.7 U	1.1 U	0.6 UJ	1 UJ	0.6 UJ
VANADIUM	4.5 U	25.6	7.7 U	7.4 U	2.6 U	4.9 U	25.8 J	3.1
ZINC	5.7 U	14.2 U	10.1 U	9.1 U	4.8 U	19.3 U	1550 J	5 U
GENERAL CHEMISTRY (mg/L)								
HARDNESS as CaCO3						33		
TOTAL ALKALINITY						5 U		
TOTAL DISSOLVED SOLIDS						140		
TOTAL SUSPENDED SOLIDS						4 U		
RADIONUCLIDES (pCi/g)								
GROSS ALPHA	1.9	12.4		2	0.6	1.5	9.7	
GROSS BETA	2.8	12.25		4.9	3.3	2.7	19	

Blank cell = chemical not analyzed

SAMPLE ID	OU2MW13A02	OU2MW13B02	OU2MW14A02	OU2MW14B02	OU2MW15A02	OU2MW15B02	OU2MW16A02	OU2MW16A02-D
LAB ID	A9G050110003	A9G050110004	A9G050110004	A9G190103002	A9G290198001	A9G290198002	A9G050110005	A9G050110011
SAMPLE DATE	6/26/99	6/26/99	7/16/99	7/15/99	7/27/99	7/27/99	6/30/99	6/30/99
VOLATILES (µg/L)								
1,1,1-TRICHLOROETHANE								
1,1,2,2-TETRACHLOROETHANE								
1,1,2-TRICHLOROETHANE								
1,1-DICHLOROETHANE								
1,1-DICHLOROETHENE								
1,2-DICHLOROETHANE								
1,2-DICHLOROPROPANE								
2-BUTANONE								
2-HEXANONE								
4-METHYL-2-PENTANONE								
ACETONE								
BENZENE								
BROMODICHLOROMETHANE								
BROMOFORM								
BROMOMETHANE								
CARBON DISULFIDE								
CARBON TETRACHLORIDE								
CHLOROBENZENE								
CHLOROETHANE								
CHLOROFORM								
CHLOROMETHANE								
CIS-1,2-DICHLOROETHENE								
CIS-1,3-DICHLOROPROPENE								
DIBROMOCHLOROMETHANE								
ETHYLBENZENE								
METHYLENE CHLORIDE								
STYRENE								
TETRACHLOROETHENE								
TOLUENE								
TRANS-1,2-DICHLOROETHENE								
TRANS-1,3-DICHLOROPROPENE								
TRICHLOROETHENE								
VINYL CHLORIDE								
XYLENES, TOTAL								

Blank cell - chemical not analyzed

SAMPLE ID	OU2MW13A02	OU2MW13B02	OU2MW14A02	OU2MW14B02	OU2MW15A02	OU2MW15B02	OU2MW16A02	OU2MW16A02-D
LAB ID	A9G050110003	A9G050110004	A9G050110004	A9G190103002	A9G290198001	A9G290198002	A9G050110005	A9G050110011
SAMPLE DATE	6/26/99	6/26/99	7/16/99	7/15/99	7/27/99	7/27/99	6/30/99	6/30/99
SEMIVOLATILES (µg/L)								
1,2,4-TRICHLOROBENZENE						10 U		
1,2-DICHLOROBENZENE						10 U		
1,3-DICHLOROBENZENE						10 U		
1,4-DICHLOROBENZENE						10 U		
2,4,5-TRICHLOROPHENOL						10 U		
2,4,6-TRICHLOROPHENOL						10 U		
2,4-DICHLOROPHENOL						10 U		
2,4-DIMETHYLPHENOL						10 U		
2,4-DINITROPHENOL						25 UJ		
2,4-DINITROTOLUENE						10 U		
2,6-DINITROTOLUENE						10 U		
2-CHLORONAPHTHALENE						10 U		
2-CHLOROPHENOL						10 U		
2-METHYLPHENOL						10 U		
2-NITROANILINE						25 U		
2-NITROPHENOL						10 U		
3,3'-DICHLOROBENZIDINE						10 U		
3-NITROANILINE						25 U		
4,6-DINITRO-2-METHYLPHENOL						25 U		
4-BROMOPHENYL PHENYL ETHER						10 U		
4-CHLORO-3-METHYLPHENOL						10 U		
4-CHLOROANILINE						10 U		
4-CHLOROPHENYL PHENYL ETHER						10 U		
4-METHYLPHENOL						10 U		
4-NITROANILINE						25 U		
4-NITROPHENOL						25 U		
BIS(2-CHLOROETHOXY)METHANE						10 U		
BIS(2-CHLOROETHYL)ETHER						10 U		
BIS(2-CHLOROISOPROPYL) ETHER						10 U		
BIS(2-ETHYLHEXYL)PHTHALATE						10 U		
BUTYLBENZYL PHTHALATE						10 U		
CARBAZOLE						10 U		

Blank cell - chemical not analyzed

SAMPLE ID	OU2MW13A02	OU2MW13B02	OU2MW14A02	OU2MW14B02	OU2MW15A02	OU2MW15B02	OU2MW16A02	OU2MW16A02-D
LAB ID	A9G050110003	A9G050110004	A9G050110004	A9G190103002	A9G290198001	A9G290198002	A9G050110005	A9G050110011
SAMPLE DATE	6/26/99	6/26/99	7/16/99	7/15/99	7/27/99	7/27/99	6/30/99	6/30/99
SEMIVOLATILES (µg/L) (Continued)								
DI-N-BUTYL PHTHALATE						10 U		
DI-N-OCTYL PHTHALATE						10 U		
DIBENZOFURAN						10 U		
DIETHYL PHTHALATE						10 U		
DIMETHYL PHTHALATE						10 U		
HEXACHLOROBENZENE						10 U		
HEXACHLOROBUTADIENE						10 U		
HEXACHLOROCYCLOPENTADIENE						10 UR		
HEXACHLOROETHANE						10 U		
ISOPHORONE						10 U		
N-NITROSO-DI-N-PROPYLAMINE						10 U		
N-NITROSODIPHENYLAMINE						10 U		
NITROBENZENE						10 U		
PENTACHLOROPHENOL						25 U		
PHENOL						10 U		
PAHs (µg/L)								
1-METHYLNAPHTHALENE						2.5		
2-METHYLNAPHTHALENE						3.7		
ACENAPHTHENE						1 U		
ACENAPHTHYLENE						1 U		
ANTHRACENE						1 U		
BENZO(A)ANTHRACENE						0.1 U		
BENZO(A)PYRENE						0.1 U		
BENZO(B)FLUORANTHENE						0.1 U		
BENZO(G,H,I)PERYLENE						0.1 U		
BENZO(K)FLUORANTHENE						0.3 U		
CHRYSENE						0.1 U		
DIBENZO(A,H)ANTHRACENE						0.1 U		
FLUORANTHENE						0.2 U		
FLUORENE						2 U		
INDENO(1,2,3-CD)PYRENE						0.1 U		
NAPHTHALENE						13		
PHENANTHRENE						1 U		
PYRENE						0.1 U		

Blank cell - chemical not analyzed

SAMPLE ID	OU2MW13A02	OU2MW13B02	OU2MW14A02	OU2MW14B02	OU2MW15A02	OU2MW15B02	OU2MW16A02	OU2MW16A02-D
LAB ID	A9G050110003	A9G050110004	A9G050110004	A9G190103002	A9G290198001	A9G290198002	A9G050110005	A9G050110011
SAMPLE DATE	6/26/99	6/26/99	7/16/99	7/15/99	7/27/99	7/27/99	6/30/99	6/30/99
INORGANICS (µg/L)								
ALUMINUM	887	395		832	764 J	375 J	912	862
ANTIMONY	2.1 U	2.4		2.1 U	2.1 U	2.1 U	2.1 U	2.1 U
ARSENIC	2.2 U	2.2 U		2.2 U	2.2 U	2.2 U	2.2 U	2.2 U
BARIUM	24.6	7.3 U		17.6	45.4	9.3 U	30.7	29.9
BERYLLIUM	0.4 U	0.4 U		0.3 U	0.3 U	0.3 U	0.4 U	0.4 U
CADMIUM	0.2 U	0.2 U		0.2 U	0.24 U	0.5 U	0.2 U	0.2 U
CALCIUM	11200	9410		10500	3710 J	9090 J	2100 U	2040 U
CHROMIUM	1.1 U	0.7 U		0.85 U	0.7 U	0.7 U	0.81 U	0.7 U
COBALT	7.3 U	7.3 U		1.1 U	0.91 U	0.7 U	7.3 U	7.3 U
COPPER	4.7 U	5.1 U		1 U	1 U	1 U	6.1 U	6 U
IRON	71.7 U	1210		2520 J	422	868	546	553
LEAD	1.2 U	1.5 U		1.2 U	1.2 U	1.2 U	1.2 U	1.2 U
MAGNESIUM	339 U	1540		2110	1030	1380	2210	2150
MANGANESE	1.7 U	10.6 U		7.7	1.7 U	1.7 U	2.8 U	1.8 U
MERCURY	0.1 U	0.1 U		0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
NICKEL	10.7 U	10.7 U		1.3 U	1.3 U	1.3 U	10.7 U	10.7 U
POTASSIUM	5620 J	1310 U		1320	6700	1030	9070 J	8800 J
SELENIUM	2.4 U	3.5 U		2.6 U	2.4 U	2.4 U	2.7 U	2.4 U
SILVER	0.9 U	0.9 U		0.9 U	0.9 U	0.9 U	0.9 U	0.9 U
SODIUM	24500 J	9980 U		9500	40400	6110	54100 J	52600 J
THALLIUM	1 U	2 U		0.6 UJ	1 U	0.6 U	1.9 U	2 UJ
VANADIUM	2.6 U	2.7 U		2.2 U	3.4 U	0.8 U	4.8 U	5.5 U
ZINC	3.1 U	3.6 U		4.4 U	18.7 U	4.4 U	6.7 U	3.4 U
GENERAL CHEMISTRY (mg/L)								
HARDNESS as CaCO3	26							
TOTAL ALKALINITY	5 U							
TOTAL DISSOLVED SOLIDS	140 J							
TOTAL SUSPENDED SOLIDS	7 J							
RADIONUCLIDES (pCi/g)								
GROSS ALPHA	14.1	0.5	3.9	1.5	7.2	0.5	7.3	6.6
GROSS BETA	9.2	2.4	1.8	3.1	13.8 J	2.6 J	15.5	14.8

Blank cell - chemical not analyzed

SAMPLE ID	OU2MW16B02	OU2MW17A02	OU2MW17B02	OU2MW18A02	OU2MW18B02	OU2MW19A02	OU2MW19B02	OU2MW20A02
LAB ID	A9G050110006	A9G050110007	A9G050110008	A9G190103005	A9G190103006	A9G050110009	A9G050110010	A9G230108003
SAMPLE DATE	6/28/99	6/29/99	6/29/99	7/16/99	7/16/99	6/29/99	6/29/99	7/21/99
VOLATILES (µg/L)								
1,1,1-TRICHLOROETHANE					50 U			1 U
1,1,2,2-TETRACHLOROETHANE					50 U			1 U
1,1,2-TRICHLOROETHANE					50 U			1 U
1,1-DICHLOROETHANE					50 U			1 U
1,1-DICHLOROETHENE					50 UR			1 U
1,2-DICHLOROETHANE					50 U			1 U
1,2-DICHLOROPROPANE					50 U			1 U
2-BUTANONE					500 UR			10 UR
2-HEXANONE					500 U			10 U
4-METHYL-2-PENTANONE					500 U			10 U
ACETONE					500 UR			10 UR
BENZENE					50 U			1 U
BROMODICHLOROMETHANE					50 U			1 U
BROMOFORM					50 U			1 UJ
BROMOMETHANE					50 UJ			1 UJ
CARBON DISULFIDE					50 U			0.87 J
CARBON TETRACHLORIDE					50 U			1 U
CHLOROBENZENE					50 U			0.16 J
CHLOROETHANE					50 U			1 U
CHLOROFORM					50 U			1 U
CHLOROMETHANE					50 U			0.19 J
CIS-1,2-DICHLOROETHENE					66 J			1 U
CIS-1,3-DICHLOROPROPENE					50 U			1 U
DIBROMOCHLOROMETHANE					50 U			1 U
ETHYLBENZENE					50 U			1 U
METHYLENE CHLORIDE					50 U			1 U
STYRENE					50 U			1 U
TETRACHLOROETHENE					34 J			1 U
TOLUENE					50 U			1 U
TRANS-1,2-DICHLOROETHENE					50 U			1 U
TRANS-1,3-DICHLOROPROPENE					50 U			1 U
TRICHLOROETHENE					1200 J			1 U
VINYL CHLORIDE					20 J			1 U
XYLENES, TOTAL					50 U			1 U

Blank cell - chemical not analyzed

SAMPLE ID	OU2MW16B02	OU2MW17A02	OU2MW17B02	OU2MW18A02	OU2MW18B02	OU2MW19A02	OU2MW19B02	OU2MW20A02
LAB ID	A9G050110006	A9G050110007	A9G050110008	A9G190103005	A9G190103006	A9G050110009	A9G050110010	A9G230108003
SAMPLE DATE	6/28/99	6/29/99	6/29/99	7/16/99	7/16/99	6/29/99	6/29/99	7/21/99
SEMIVOLATILES (µg/L)								
1,2,4-TRICHLOROBENZENE								
1,2-DICHLOROBENZENE								
1,3-DICHLOROBENZENE								
1,4-DICHLOROBENZENE								
2,4,5-TRICHLOROPHENOL								
2,4,6-TRICHLOROPHENOL								
2,4-DICHLOROPHENOL								
2,4-DIMETHYLPHENOL								
2,4-DINITROPHENOL								
2,4-DINITROTOLUENE								
2,6-DINITROTOLUENE								
2-CHLORONAPHTHALENE								
2-CHLOROPHENOL								
2-METHYLPHENOL								
2-NITROANILINE								
2-NITROPHENOL								
3,3'-DICHLOROBENZIDINE								
3-NITROANILINE								
4,6-DINITRO-2-METHYLPHENOL								
4-BROMOPHENYL PHENYL ETHER								
4-CHLORO-3-METHYLPHENOL								
4-CHLOROANILINE								
4-CHLOROPHENYL PHENYL ETHER								
4-METHYLPHENOL								
4-NITROANILINE								
4-NITROPHENOL								
BIS(2-CHLOROETHOXY)METHANE								
BIS(2-CHLOROETHYL)ETHER								
BIS(2-CHLOROISOPROPYL) ETHER								
BIS(2-ETHYLHEXYL)PHTHALATE								
BUTYLBENZYL PHTHALATE								
CARBAZOLE								

Blank cell = chemical not analyzed

SAMPLE ID	OU2MW16B02	OU2MW17A02	OU2MW17B02	OU2MW18A02	OU2MW18B02	OU2MW19A02	OU2MW19B02	OU2MW20A02
LAB ID	A9G050110006	A9G050110007	A9G050110008	A9G190103005	A9G190103006	A9G050110009	A9G050110010	A9G230108003
SAMPLE DATE	6/28/99	6/29/99	6/29/99	7/16/99	7/16/99	6/29/99	6/29/99	7/21/99
SEMIVOLATILES (µg/L) (Continued)								
DI-N-BUTYL PHTHALATE								
DI-N-OCTYL PHTHALATE								
DIBENZOFURAN								
DIETHYL PHTHALATE								
DIMETHYL PHTHALATE								
HEXACHLOROBENZENE								
HEXACHLOROBUTADIENE								
HEXACHLOROCYCLOPENTADIENE								
HEXACHLOROETHANE								
ISOPHORONE								
N-NITROSO-DI-N-PROPYLAMINE								
N-NITROSODIPHENYLAMINE								
NITROBENZENE								
PENTACHLOROPHENOL								
PHENOL								
PAHs (µg/L)								
1-METHYLNAPHTHALENE								
2-METHYLNAPHTHALENE								
ACENAPHTHENE								
ACENAPHTHYLENE								
ANTHRACENE								
BENZO(A)ANTHRACENE								
BENZO(A)PYRENE								
BENZO(B)FLUORANTHENE								
BENZO(G,H,I)PERYLENE								
BENZO(K)FLUORANTHENE								
CHRYSENE								
DIBENZO(A,H)ANTHRACENE								
FLUORANTHENE								
FLUORENE								
INDENO(1,2,3-CD)PYRENE								
NAPHTHALENE								
PHENANTHRENE								
PYRENE								

Blank cell - chemical not analyzed

SAMPLE ID	OU2MW16B02	OU2MW17A02	OU2MW17B02	OU2MW18A02	OU2MW18B02	OU2MW19A02	OU2MW19B02	OU2MW20A02
LAB ID	A9G050110006	A9G050110007	A9G050110008	A9G190103005	A9G190103006	A9G050110009	A9G050110010	A9G230108003
SAMPLE DATE	6/28/99	6/29/99	6/29/99	7/16/99	7/16/99	6/29/99	6/29/99	7/21/99
INORGANICS (µg/L)								
ALUMINUM	4160	2500	310 U	527	565	847	466	251
ANTIMONY	2.3	3	2.1 U	2.1 U	2.1 U	2.5	2.1 U	2.2 U
ARSENIC	2.2 U	2.2 U	2.2 U	2.2 U	5.2	2.2 U	2.2 U	2.2 U
BARIUM	76.3	14.8 U	17.6 U	103	26.3	24.2	23.5	12.3 U
BERYLLIUM	1.2 U	0.47 U	0.4 U	0.44 U	0.72 U	0.4 U	0.4 U	0.3 U
CADMIUM	0.2 U	0.66 U	0.2 U	0.2 U	0.2 U	0.2 U	0.22 U	0.24 U
CALCIUM	12400	26500	9850	5400	9350	1860 U	13500	3170
CHROMIUM	7.8	3.2 U	0.7 U	0.7 U	1.2 U	0.76 U	0.7 U	0.7 U
COBALT	7.3 U	7.3 U	7.3 U	1.3 U	0.84 U	7.3 U	7.3 U	0.89 U
COPPER	9.8 U	9.1 U	4.7 U	1 U	1 U	6.1 U	5.4	1 U
IRON	2380	333	886	215 J	1580 J	850	2190	544
LEAD	4.5 U	2.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U
MAGNESIUM	1480	8320	2330	1740	1520	2560	3020	1570
MANGANESE	23.1 U	5.5 U	7.4 U	1.7 U	3.6	2.9 U	11 U	1.7 U
MERCURY	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
NICKEL	10.7 U	10.7 U	10.7 U	1.3 U	1.3 U	10.7 U	10.7 U	1.3 U
POTASSIUM	1130 U	10700 J	1070 U	1100	1290	1180 U	1530 U	608
SELENIUM	2.4 U	3.6 U	2.4 U	3 U	2.4 U	2.4 U	2.4 U	2.4 U
SILVER	0.9 U	0.9 U	0.9 U	0.9 U	0.9 U	0.9 U	0.9 U	0.9 U
SODIUM	17300 U	51700 J	9390 U	2080	7490	8500 U	21000 U	6270
THALLIUM	1.6 U	1.7 U	1.8 U	0.6 UJ	0.6 UJ	1.7 U	1.6 U	1.2 U
VANADIUM	8.7 U	13.2 U	2.6 U	7.9 U	4 U	10 U	10.2 U	37.1
ZINC	13.6 U	48.9 U	4.7 U	10.8 U	13.6 U	44.9 U	3.1 U	6.7 U
GENERAL CHEMISTRY (mg/L)								
HARDNESS as CaCO3								
TOTAL ALKALINITY								
TOTAL DISSOLVED SOLIDS								
TOTAL SUSPENDED SOLIDS								
RADIONUCLIDES (pCi/g)								
GROSS ALPHA	10.5	1.9	1			12.2	1.3	
GROSS BETA	9.7	12.4	2.7			2.1	3.7	

Blank cell - chemical not analyzed

SAMPLE ID	OU2MW20B02	OU2MW21A02	OU2MW21B02	OU2MW22A02	OU2MW22A02-D	OU2MW22B02	OU2MW23C02	OU2MW24C02
LAB ID	A9G230108004	A9G290198003	A9G290198004	A9G290198004	A9G290198004	A9H020124001	A9H030173006	A9H030173010
SAMPLE DATE	7/21/99	7/27/99	7/27/99	9/23/99	9/23/99	7/30/99	8/1/99	8/2/99
VOLATILES (µg/L)								
1,1,1-TRICHLOROETHANE								
1,1,2,2-TETRACHLOROETHANE								
1,1,2-TRICHLOROETHANE								
1,1-DICHLOROETHANE								
1,1-DICHLOROETHENE								
1,2-DICHLOROETHANE								
1,2-DICHLOROPROPANE								
2-BUTANONE								
2-HEXANONE								
4-METHYL-2-PENTANONE								
ACETONE								
BENZENE								
BROMODICHLOROMETHANE								
BROMOFORM								
BROMOMETHANE								
CARBON DISULFIDE								
CARBON TETRACHLORIDE								
CHLOROBENZENE								
CHLOROETHANE								
CHLOROFORM								
CHLOROMETHANE								
CIS-1,2-DICHLOROETHENE								
CIS-1,3-DICHLOROPROPENE								
DIBROMOCHLOROMETHANE								
ETHYLBENZENE								
METHYLENE CHLORIDE								
STYRENE								
TETRACHLOROETHENE								
TOLUENE								
TRANS-1,2-DICHLOROETHENE								
TRANS-1,3-DICHLOROPROPENE								
TRICHLOROETHENE								
VINYL CHLORIDE								
XYLENES, TOTAL								

Blank cell - chemical not analyzed

SAMPLE ID	OU2MW20B02	OU2MW21A02	OU2MW21B02	OU2MW22A02	OU2MW22A02-D	OU2MW22B02	OU2MW23C02	OU2MW24C02
LAB ID	A9G230108004	A9G290198003	A9G290198004	A9G290198004	A9G290198004	A9H020124001	A9H030173006	A9H030173010
SAMPLE DATE	7/21/99	7/27/99	7/27/99	9/23/99	9/23/99	7/30/99	8/1/99	8/2/99
SEMIVOLATILES (µg/L)								
1,2,4-TRICHLOROBENZENE			10 U					
1,2-DICHLOROBENZENE			10 U					
1,3-DICHLOROBENZENE			10 U					
1,4-DICHLOROBENZENE			10 U					
2,4,5-TRICHLOROPHENOL			10 U					
2,4,6-TRICHLOROPHENOL			10 U					
2,4-DICHLOROPHENOL			10 U					
2,4-DIMETHYLPHENOL			10 U					
2,4-DINITROPHENOL			25 UJ					
2,4-DINITROTOLUENE			10 U					
2,6-DINITROTOLUENE			10 U					
2-CHLORONAPHTHALENE			10 U					
2-CHLOROPHENOL			10 U					
2-METHYLPHENOL			10 U					
2-NITROANILINE			25 U					
2-NITROPHENOL			10 U					
3,3'-DICHLOROBENZIDINE			10 U					
3-NITROANILINE			25 U					
4,6-DINITRO-2-METHYLPHENOL			25 U					
4-BROMOPHENYL PHENYL ETHER			10 U					
4-CHLORO-3-METHYLPHENOL			10 U					
4-CHLOROANILINE			10 U					
4-CHLOROPHENYL PHENYL ETHER			10 U					
4-METHYLPHENOL			10 U					
4-NITROANILINE			25 U					
4-NITROPHENOL			25 U					
BIS(2-CHLOROETHOXY)METHANE			10 U					
BIS(2-CHLOROETHYL)ETHER			10 U					
BIS(2-CHLOROISOPROPYL) ETHER			10 U					
BIS(2-ETHYLHEXYL)PHTHALATE			10 U					
BUTYLBENZYL PHTHALATE			10 U					
CARBAZOLE			10 U					

Blank cell = chemical not analyzed

SAMPLE ID	OU2MW20B02	OU2MW21A02	OU2MW21B02	OU2MW22A02	OU2MW22A02-D	OU2MW22B02	OU2MW23C02	OU2MW24C02
LAB ID	A9G230108004	A9G290198003	A9G290198004	A9G290198004	A9G290198004	A9H020124001	A9H030173006	A9H030173010
SAMPLE DATE	7/21/99	7/27/99	7/27/99	9/23/99	9/23/99	7/30/99	8/1/99	8/2/99
SEMIVOLATILES (µg/L) (Continued)								
DI-N-BUTYL PHTHALATE			10 U					
DI-N-OCTYL PHTHALATE			10 U					
DIBENZOFURAN			10 U					
DIETHYL PHTHALATE			10 U					
DIMETHYL PHTHALATE			10 U					
HEXACHLOROBENZENE			10 U					
HEXACHLOROBUTADIENE			10 U					
HEXACHLOROCYCLOPENTADIENE			10 UR					
HEXACHLOROETHANE			10 U					
ISOPHORONE			10 U					
N-NITROSO-DI-N-PROPYLAMINE			10 U					
N-NITROSODIPHENYLAMINE			10 U					
NITROBENZENE			10 U					
PENTACHLOROPHENOL			25 U					
PHENOL			10 U					
PAHs (µg/L)								
1-METHYLNAPHTHALENE			2 U					
2-METHYLNAPHTHALENE			2 U					
ACENAPHTHENE			1 U					
ACENAPHTHYLENE			1 U					
ANTHRACENE			1 U					
BENZO(A)ANTHRACENE			0.1 U					
BENZO(A)PYRENE			0.1 U					
BENZO(B)FLUORANTHENE			0.1 U					
BENZO(G,H,I)PERYLENE			0.1 U					
BENZO(K)FLUORANTHENE			0.3 U					
CHRYSENE			0.1 U					
DIBENZO(A,H)ANTHRACENE			0.1 U					
FLUORANTHENE			0.2 U					
FLUORENE			2 U					
INDENO(1,2,3-CD)PYRENE			0.1 U					
NAPHTHALENE			2 U					
PHENANTHRENE			1 U					
PYRENE			0.1 U					

Blank cell - chemical not analyzed

SAMPLE ID	OU2MW20B02	OU2MW21A02	OU2MW21B02	OU2MW22A02	OU2MW22A02-D	OU2MW22B02	OU2MW23C02	OU2MW24C02
LAB ID	A9G230108004	A9G290198003	A9G290198004	A9G290198004	A9G290198004	A9H020124001	A9H030173006	A9H030173010
SAMPLE DATE	7/21/99	7/27/99	7/27/99	9/23/99	9/23/99	7/30/99	8/1/99	8/2/99
INORGANICS (μg/L)								
ALUMINUM	1100	307 J	347 J	798 J	925 J	349 U	164 U	546 U
ANTIMONY	2.1 U	2.2 U	2.1 U	2.4 U	2.2 U	2.1 U	2.1 U	2.1 U
ARSENIC	2.2 U	2.2 U	2.2 U	5.3	3.5	2.2 U	2.2 U	2.2 U
BARIUM	16.8	6.1 U	15.3 U	30 J	30.7 J	13	26.4	23.4
BERYLLIUM	0.3 U	0.3 U	0.3 U	0.25 U	0.24 U	0.3 U	0.3 U	0.3 U
CADMIUM	0.24 U	0.41 U	0.2 U	0.2 U	0.2 U	0.38 U	0.2 U	0.2 U
CALCIUM	10500	851 J	12900 J	11200 J	10800 J	11600	75600	15300
CHROMIUM	2.3 U	0.7 U	0.7 U	2 U	2.2 U	1.1 U	19.8	6.3 U
COBALT	0.97 U	1.1 U	0.9 U	1.3 U	1.6 U	0.7 U	0.7 U	0.7 U
COPPER	1.1 U	1 U	1 U	0.7 U	0.7 U	1 U	1 U	1 U
IRON	1150	1140	2500	1740 J	1800 J	1750	1910	1920
LEAD	1.2 U	1.2 U	1.2 U	1.1 U	1.1 U	1.2 U	1.2 U	1.2 U
MAGNESIUM	1140	1590	1730	3340 J	3370 J	1460	4140	2170
MANGANESE	1.7 U	1.7 U	6.5	5.7 J	5.8 J	12.9 U	56.2	26.6
MERCURY	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
NICKEL	1.3 U	1.3 U	1.3 U	1.5 U	1.5 U	1.3 U	10.5	2.2
POTASSIUM	1230	97.8 U	5360	1620	1650	1250	2630 J	3160 J
SELENIUM	3 U	2.4 U	2.4 U	3.5 U	3.5 U	2.4 U	2.4 U	2.4 U
SILVER	0.9 U	0.9 U	0.9 U	0.6 U	0.6 U	0.9 U	0.9 U	0.9 U
SODIUM	6990	2440	10300	13800	13900	11800	26600	10600
THALLIUM	0.9 U	1.6 U	1.2 U	1 U	1 U	0.6 UJ	0.6 UJ	0.6 UJ
VANADIUM	2.6 U	3.3 U	1.3 U	20.6 J	21.4 J	3	0.8 U	2.9 U
ZINC	50.8	37.2 U	6.9 U	86.7 J	92.1 J	6.2 U	6.8 U	6.1 U
GENERAL CHEMISTRY (mg/L)								
HARDNESS as CaCO3							200	
TOTAL ALKALINITY							200	
TOTAL DISSOLVED SOLIDS							320	
TOTAL SUSPENDED SOLIDS							16	
RADIONUCLIDES (pCi/g)								
GROSS ALPHA	3	2.4	0.4	5.7	4.6	1.5	1.1 U	0.5 U
GROSS BETA	5.5	0.9 J	4.8 J	5.3	3	2.5	4.1 J	4.4 J

Blank cell = chemical not analyzed

SAMPLE ID	OU2MW25C02	OU2MW26C02
LAB ID	A9H030173008	A9H030173009
SAMPLE DATE	8/2/99	8/2/99
VOLATILES (µg/L)		
1,1,1-TRICHLOROETHANE		1 UJ
1,1,2,2-TETRACHLOROETHANE		1 UJ
1,1,2-TRICHLOROETHANE		1 UJ
1,1-DICHLOROETHANE		1 UJ
1,1-DICHLOROETHENE		1 UJ
1,2-DICHLOROETHANE		1 UJ
1,2-DICHLOROPROPANE		1 UJ
2-BUTANONE		10 UR
2-HEXANONE		10 UJ
4-METHYL-2-PENTANONE		10 UJ
ACETONE		10 UR
BENZENE		1 UJ
BROMODICHLOROMETHANE		1 UJ
BROMOFORM		1 UJ
BROMOMETHANE		1 UJ
CARBON DISULFIDE		1 UJ
CARBON TETRACHLORIDE		1 UJ
CHLOROBENZENE		1 UJ
CHLOROETHANE		1 UJ
CHLOROFORM		1 UJ
CHLOROMETHANE		1 UJ
CIS-1,2-DICHLOROETHENE		1 UJ
CIS-1,3-DICHLOROPROPENE		1 UJ
DIBROMOCHLOROMETHANE		1 UJ
ETHYLBENZENE		1 UJ
METHYLENE CHLORIDE		1 UJ
STYRENE		1 UJ
TETRACHLOROETHENE		1 UJ
TOLUENE		1 UJ
TRANS-1,2-DICHLOROETHENE		1 UJ
TRANS-1,3-DICHLOROPROPENE		1 UJ
TRICHLOROETHENE		1 UJ
VINYL CHLORIDE		1 UJ
XYLENES, TOTAL		1 UJ

Blank cell - chemical not analyzed

SAMPLE ID	OU2MW25C02	OU2MW26C02
LAB ID	A9H030173008	A9H030173009
SAMPLE DATE	8/2/99	8/2/99
SEMIVOLATILES (µg/L)		
1,2,4-TRICHLOROBENZENE		
1,2-DICHLOROBENZENE		
1,3-DICHLOROBENZENE		
1,4-DICHLOROBENZENE		
2,4,5-TRICHLOROPHENOL		
2,4,6-TRICHLOROPHENOL		
2,4-DICHLOROPHENOL		
2,4-DIMETHYLPHENOL		
2,4-DINITROPHENOL		
2,4-DINITROTOLUENE		
2,6-DINITROTOLUENE		
2-CHLORONAPHTHALENE		
2-CHLOROPHENOL		
2-METHYLPHENOL		
2-NITROANILINE		
2-NITROPHENOL		
3,3'-DICHLOROBENZIDINE		
3-NITROANILINE		
4,6-DINITRO-2-METHYLPHENOL		
4-BROMOPHENYL PHENYL ETHER		
4-CHLORO-3-METHYLPHENOL		
4-CHLOROANILINE		
4-CHLOROPHENYL PHENYL ETHER		
4-METHYLPHENOL		
4-NITROANILINE		
4-NITROPHENOL		
BIS(2-CHLOROETHOXY)METHANE		
BIS(2-CHLOROETHYL)ETHER		
BIS(2-CHLOROISOPROPYL) ETHER		
BIS(2-ETHYLHEXYL)PHTHALATE		
BUTYLBENZYL PHTHALATE		
CARBAZOLE		

Blank cell = chemical not analyzed

SAMPLE ID	OU2MW25C02	OU2MW26C02
LAB ID	A9H030173008	A9H030173009
SAMPLE DATE	8/2/99	8/2/99
SEMIVOLATILES (µg/L) (Continued)		
DI-N-BUTYL PHTHALATE		
DI-N-OCTYL PHTHALATE		
DIBENZOFURAN		
DIETHYL PHTHALATE		
DIMETHYL PHTHALATE		
HEXACHLOROBENZENE		
HEXACHLOROBUTADIENE		
HEXACHLOROCYCLOPENTADIENE		
HEXACHLOROETHANE		
ISOPHORONE		
N-NITROSO-DI-N-PROPYLAMINE		
N-NITROSODIPHENYLAMINE		
NITROBENZENE		
PENTACHLOROPHENOL		
PHENOL		
PAHs (µg/L)		
1-METHYLNAPHTHALENE		
2-METHYLNAPHTHALENE		
ACENAPHTHENE		
ACENAPHTHYLENE		
ANTHRACENE		
BENZO(A)ANTHRACENE		
BENZO(A)PYRENE		
BENZO(B)FLUORANTHENE		
BENZO(G,H,I)PERYLENE		
BENZO(K)FLUORANTHENE		
CHRYSENE		
DIBENZO(A,H)ANTHRACENE		
FLUORANTHENE		
FLUORENE		
INDENO(1,2,3-CD)PYRENE		
NAPHTHALENE		
PHENANTHRENE		
PYRENE		

Blank cell - chemical not analyzed

SAMPLE ID	OU2MW25C02	OU2MW26C02
LAB ID	A9H030173008	A9H030173009
SAMPLE DATE	8/2/99	8/2/99
INORGANICS (µg/L)		
ALUMINUM	191 U	217 U
ANTIMONY	2.1 U	2.1 U
ARSENIC	2.7	2.2 U
BARIUM	31.5	15.3
BERYLLIUM	0.3 U	0.3 U
CADMIUM	0.34 U	0.2 U
CALCIUM	98300	97100
CHROMIUM	3.7 U	13.5
COBALT	1.9 U	2 U
COPPER	1 U	1 U
IRON	3340	4670
LEAD	1.2 U	1.2 U
MAGNESIUM	5240	5030
MANGANESE	98	46.4
MERCURY	0.1 U	0.1 U
NICKEL	3.4	2
POTASSIUM	2360 J	2460 U
SELENIUM	2.4 U	2.4 U
SILVER	0.9 U	0.9 U
SODIUM	10300	12300
THALLIUM	0.6 UJ	0.6 UJ
VANADIUM	0.88 U	0.82 U
ZINC	24.4 U	3.2 U
GENERAL CHEMISTRY (mg/L)		
HARDNESS as CaCO3		
TOTAL ALKALINITY		
TOTAL DISSOLVED SOLIDS		
TOTAL SUSPENDED SOLIDS		
RADIONUCLIDES (pCi/g)		
GROSS ALPHA		
GROSS BETA		

Blank cell - chemical not analyzed

SAMPLE ID	NTCSW00103	NTCSW00503	NTCSW00803	NTCSW01003	NTCSW01203	NTCSW01403	NTCSW01503
LAB ID	A9H120141001	A9H120141002	A9H130204001	A9H130204013	A9H120141004	A9H120141005	A9H130204002
SAMPLE DATE	8/11/99	8/11/99	8/12/99	8/12/99	8/11/99	8/11/99	8/12/99
VOLATILES (µg/L)							
1,1,1-TRICHLOROETHANE							
1,1,2,2-TETRACHLOROETHANE							
1,1,2-TRICHLOROETHANE							
1,1-DICHLOROETHANE							
1,1-DICHLOROETHENE							
1,2-DICHLOROETHANE							
1,2-DICHLOROPROPANE							
2-BUTANONE							
2-HEXANONE							
4-METHYL-2-PENTANONE							
ACETONE							
BENZENE							
BROMODICHLOROMETHANE							
BROMOFORM							
BROMOMETHANE							
CARBON DISULFIDE							
CARBON TETRACHLORIDE							
CHLOROBENZENE							
CHLOROETHANE							
CHLOROFORM							
CHLOROMETHANE							
CIS-1,2-DICHLOROETHENE							
CIS-1,3-DICHLOROPROPENE							
DIBROMOCHLOROMETHANE							
ETHYLBENZENE							
METHYLENE CHLORIDE							
STYRENE							
TETRACHLOROETHENE							
TOLUENE							
TRANS-1,2-DICHLOROETHENE							
TRANS-1,3-DICHLOROPROPENE							
TRICHLOROETHENE							
VINYL CHLORIDE							
XYLENES, TOTAL							

Blank cell - chemical not analyzed

SAMPLE ID	NTCSW00103	NTCSW00503	NTCSW00803	NTCSW01003	NTCSW01203	NTCSW01403	NTCSW01503
LAB ID	A9H120141001	A9H120141002	A9H130204001	A9H130204013	A9H120141004	A9H120141005	A9H130204002
SAMPLE DATE	8/11/99	8/11/99	8/12/99	8/12/99	8/11/99	8/11/99	8/12/99
SEMIVOLATILES (µg/L)							
1,2,4-TRICHLOROBENZENE	10 U	10 U	10 U	10 U	10 U	10 U	10 U
1,2-DICHLOROBENZENE	10 U	10 U	10 U	10 U	10 U	10 U	10 U
1,3-DICHLOROBENZENE	10 U	10 U	10 U	10 U	10 U	10 U	10 U
1,4-DICHLOROBENZENE	10 U	10 U	10 U	10 U	10 U	10 U	10 U
2,2'-OXYBIS(1-CHLOROPROPANE)	10 U	10 U			10 U	10 U	
2,4,5-TRICHLOROPHENOL	10 U	10 U	10 U	10 U	10 U	10 U	10 U
2,4,6-TRICHLOROPHENOL	10 U	10 U	10 U	10 U	10 U	10 U	10 U
2,4-DICHLOROPHENOL	10 U	10 U	10 U	10 U	10 U	10 U	10 U
2,4-DIMETHYLPHENOL	10 U	10 U	10 U	10 U	10 U	10 U	10 U
2,4-DINITROPHENOL	25 U	25 U	25 UJ	25 UJ	25 U	25 U	25 UJ
2,4-DINITROTOLUENE	10 U	10 U	10 U	10 U	10 U	10 U	10 U
2,6-DINITROTOLUENE	10 U	10 U	10 U	10 U	10 U	10 U	10 U
2-CHLORONAPHTHALENE	10 U	10 U	10 U	10 U	10 U	10 U	10 U
2-CHLOROPHENOL	10 U	10 U	10 U	10 U	10 U	10 U	10 U
2-METHYLPHENOL	10 U	10 U	10 U	10 U	10 U	10 U	10 U
2-NITROANILINE	25 U	25 U	25 U	25 U	25 U	25 U	25 U
2-NITROPHENOL	10 U	10 U	10 U	10 U	10 U	10 U	10 U
3,3'-DICHLOROBENZIDINE	10 U	10 U	10 U	10 U	10 U	10 U	10 U
3-NITROANILINE	25 U	25 U	25 U	25 U	25 U	25 U	25 U
4,6-DINITRO-2-METHYLPHENOL	25 U	25 U	25 U	25 U	25 U	25 U	25 U
4-BROMOPHENYL PHENYL ETHER	10 U	10 U	10 U	10 U	10 U	10 U	10 U
4-CHLORO-3-METHYLPHENOL	10 U	10 U	10 U	10 U	10 U	10 U	10 U
4-CHLOROANILINE	10 U	10 U	10 UR	10 UR	10 U	10 U	10 UR
4-CHLOROPHENYL PHENYL ETHER	10 U	10 U	10 U	10 U	10 U	10 U	10 U
4-METHYLPHENOL	10 U	10 U	10 U	10 U	10 U	10 U	10 U
4-NITROANILINE	25 U	25 U	25 U	25 U	25 U	25 U	25 U
4-NITROPHENOL	25 U	25 U	25 U	25 U	25 U	25 U	25 U
BIS(2-CHLOROETHOXY)METHANE	10 U	10 U	10 U	10 U	10 U	10 U	10 U
BIS(2-CHLOROETHYL)ETHER	10 U	10 U	10 U	10 U	10 U	10 U	10 U
BIS(2-CHLOROISOPROPYL) ETHER			10 U	10 U			10 U
BIS(2-ETHYLHEXYL)PHTHALATE	10 U	10 U	10 U	10 U	6.6 J	4.9 J	10 U
BUTYLBENZYL PHTHALATE	10 U	10 U	10 U	10 U	10 U	10 U	10 U
CARBAZOLE	10 U	10 U	10 U	10 U	10 U	10 U	10 U
DI-N-BUTYL PHTHALATE	10 U	10 U	10 U	10 U	10 U	10 U	10 U
DI-N-OCTYL PHTHALATE	10 U	10 U	10 U	10 U	10 U	10 U	10 U

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SAMPLE ID	NTCSW00103	NTCSW00503	NTCSW00803	NTCSW01003	NTCSW01203	NTCSW01403	NTCSW01503
LAB ID	A9H120141001	A9H120141002	A9H130204001	A9H130204013	A9H120141004	A9H120141005	A9H130204002
SAMPLE DATE	8/11/99	8/11/99	8/12/99	8/12/99	8/11/99	8/11/99	8/12/99
SEMIVOLATILES (µg/L) (Continued)							
DIBENZOFURAN	10 U	10 U	10 U	10 U	10 U	10 U	10 U
DIETHYL PHTHALATE	10 U	10 U	10 U	10 U	10 U	10 U	10 U
DIMETHYL PHTHALATE	10 U	10 U	10 U	10 U	10 U	10 U	10 U
HEXACHLOROBENZENE	10 U	10 U	10 U	10 U	10 U	10 U	10 U
HEXACHLOROBUTADIENE	10 U	10 U	10 U	10 U	10 U	10 U	10 U
HEXACHLOROCYCLOPENTADIENE	10 UR	10 UR	10 UJ	10 UJ	10 UR	10 UR	10 UJ
HEXACHLOROETHANE	10 U	10 U	10 U	10 U	10 U	10 U	10 U
ISOPHORONE	10 U	10 U	10 U	10 U	10 U	10 U	10 U
N-NITROSO-DI-N-PROPYLAMINE	10 U	10 U	10 U	10 U	10 U	10 U	10 U
N-NITROSODIPHENYLAMINE	10 U	10 U	10 U	10 U	10 U	10 U	10 U
NITROBENZENE	10 U	10 U	10 U	10 U	10 U	10 U	10 U
PENTACHLOROPHENOL	25 U	25 U	25 U	25 U	25 U	25 U	25 U
PHENOL	10 U	10 U	10 U	10 U	10 U	10 U	10 U
PAHs (µg/L)							
1-METHYLNAPHTHALENE	2.1 U	2.1 U	2.2 U	2.1 U	2.1 U	2.1 U	2.1 U
2-METHYLNAPHTHALENE	2.1 U	2.1 U	2.2 U	2.1 U	2.1 U	2.1 U	2.1 U
ACENAPHTHENE	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U
ACENAPHTHYLENE	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U
ANTHRACENE	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U
BENZO(A)ANTHRACENE	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U
BENZO(A)PYRENE	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U
BENZO(B)FLUORANTHENE	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U
BENZO(G,H,I)PERYLENE	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U
BENZO(K)FLUORANTHENE	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U
CHRYSENE	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U
DIBENZO(A,H)ANTHRACENE	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U
FLUORANTHENE	0.21 U	0.21 U	0.22 U	0.21 U	0.21 U	0.21 U	0.21 U
FLUORENE	2.1 U	2.1 U	2.2 U	2.1 U	2.1 U	2.1 U	2.1 U
INDENO(1,2,3-CD)PYRENE	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U
NAPHTHALENE	2.1 U	2.1 U	2.2 U	2.1 U	2.1 U	2.1 U	2.1 U
PHENANTHRENE	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U
PYRENE	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U

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SAMPLE ID	NTCSW00103	NTCSW00503	NTCSW00803	NTCSW01003	NTCSW01203	NTCSW01403	NTCSW01503
LAB ID	A9H120141001	A9H120141002	A9H130204001	A9H130204013	A9H120141004	A9H120141005	A9H130204002
SAMPLE DATE	8/11/99	8/11/99	8/12/99	8/12/99	8/11/99	8/11/99	8/12/99
PESTICIDES/PCBs (µg/L)							
4,4'-DDD							
4,4'-DDE							
4,4'-DDT							
ALDRIN							
ALPHA-BHC							
ALPHA-CHLORDANE							
AROCLOR-1016							
AROCLOR-1221							
AROCLOR-1232							
AROCLOR-1242							
AROCLOR-1248							
AROCLOR-1254							
AROCLOR-1260							
BETA-BHC							
DELTA-BHC							
DIELDRIN							
ENDOSULFAN I							
ENDOSULFAN II							
ENDOSULFAN SULFATE							
ENDRIN							
ENDRIN ALDEHYDE							
ENDRIN KETONE							
GAMMA-BHC (LINDANE)							
GAMMA-CHLORDANE							
HEPTACHLOR							
HEPTACHLOR EPOXIDE							
METHOXYCHLOR							
TOXAPHENE							

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SAMPLE ID	NTCSW00103	NTCSW00503	NTCSW00803	NTCSW01003	NTCSW01203	NTCSW01403	NTCSW01503
LAB ID	A9H120141001	A9H120141002	A9H130204001	A9H130204013	A9H120141004	A9H120141005	A9H130204002
SAMPLE DATE	8/11/99	8/11/99	8/12/99	8/12/99	8/11/99	8/11/99	8/12/99
HERBICIDES (µg/L)							
2,4,5-T							
2,4,5-TP (SILVEX)							
2,4-D							
2,4-DB							
DALAPON							
DICAMBA							
DICHLORPROP							
DINOSEB							
MCPA							
MCPP							
INORGANICS (µg/L)							
ALUMINUM	5500	154 U	225 U	638	569	819	402 U
ANTIMONY	2.2 U	2.2 U	2.2 U	2.2 U	2.2 U	2.2 U	2.2 U
ARSENIC	4.8	2.3 U	2.3 U	2.3 U	2.3 U	2.3 U	2.3 U
BARIUM	39.9	13.7	18.8	18.6	24	28.1	21.9
BERYLLIUM	0.21 U	0.08 U	0.19 U	0.1 U	0.08 U	0.19 U	0.48 U
CADMIUM	0.31 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
CALCIUM	17600	14200	13500	14000	30400	28200	16600
CHROMIUM	7.9	0.8 U	2.7 U	0.8 U	1.7 U	2.2 U	1.7 U
COBALT	1.6 U	0.75 U	0.73 U	0.72 U	0.89 U	1.2 U	1.2 U
COPPER	12.4	0.7 U	0.7 U	0.91	1.4	4.3	0.7 U
IRON	5010	204 U	288	1700	1180	1510	899
LEAD	12.4	1.1 U	1.1 U	1.2	1.1 U	1.1 U	1.1 U
MAGNESIUM	1390	1490	1590	2850	3390	3560	2140
MANGANESE	159	7.6 U	3.3 U	10.1 U	12.5	19.7	11.7
MERCURY	0.00341	0.00286	0.00124	0.00268	0.00837	0.00283	0.0028
NICKEL	3.4	1.5 U	1.5 U	1.5 U	1.5 U	2.2	1.8 U
POTASSIUM	1360 U	1400 U	935 U	1830	1200 U	1440	1080 U
SELENIUM	3.5 U	3.5 U	3.5 U	3.5 U	3.5 U	3.5 U	3.5 U
SILVER	0.6 U	0.6 U	0.6 U	0.6 U	0.6 U	0.6 U	0.6 U
SODIUM	9450 J	8420 J	8150 J	7010 J	9470 J	14500 J	8860 J
THALLIUM	0.6 UJ	0.6 UJ	0.6 UJ	0.6 UJ	0.6 UJ	0.6 UJ	0.6 UJ
VANADIUM	11.5	0.93 U	1.6 U	8.1	6.5	5	3 U
ZINC	53.4	0.5 U	2.5 U	6.5	0.5 U	11.4	11.7

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SAMPLE ID	NTCSW00103	NTCSW00503	NTCSW00803	NTCSW01003	NTCSW01203	NTCSW01403	NTCSW01503
LAB ID	A9H120141001	A9H120141002	A9H130204001	A9H130204013	A9H120141004	A9H120141005	A9H130204002
SAMPLE DATE	8/11/99	8/11/99	8/12/99	8/12/99	8/11/99	8/11/99	8/12/99
PETROLEUM HYDROCARBONS (mg/L)							
TPH C8-C40							
GENERAL CHEMISTRY (mg/L)							
ALKALINITY							
HARDNESS as CaCO3							
TOTAL ALKALINITY							
TOTAL DISSOLVED SOLIDS							
TOTAL SUSPENDED SOLIDS							
RADIONUCLIDES (pCi/L)							
GROSS ALPHA	18.1	5	1.2	2.8	12.7	2.2	0.5
GROSS BETA	14.2	3.5	2.2	4.1	7.4	2.7	0.5 U

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SAMPLE ID	NTCSW01803	NTCSW01903	NTCSW02003	NTCSW02003-D	NTCSW02103	NTCSW02303	NTCSW02303-D
LAB ID	A9H130204003	A9H120141006	A9H130204004	A9H130204006	A9H130204005	A9H110179001	A9H110179006
SAMPLE DATE	8/12/99	8/11/99	8/12/99	8/12/99	8/12/99	8/10/99	8/10/99
VOLATILES (µg/L)							
1,1,1-TRICHLOROETHANE						1 U	1 U
1,1,2,2-TETRACHLOROETHANE						1 U	1 U
1,1,2-TRICHLOROETHANE						1 U	1 U
1,1-DICHLOROETHANE						1 U	1 U
1,1-DICHLOROETHENE						1 U	1 U
1,2-DICHLOROETHANE						1 U	1 U
1,2-DICHLOROPROPANE						1 U	1 U
2-BUTANONE						10 UJ	10 UJ
2-HEXANONE						10 UJ	10 UJ
4-METHYL-2-PENTANONE						10 UJ	10 UJ
ACETONE						10 UJ	10 UJ
BENZENE						1 U	1 U
BROMODICHLOROMETHANE						1 U	1 U
BROMOFORM						1 U	1 U
BROMOMETHANE						1 UJ	1 UJ
CARBON DISULFIDE						1 U	1 U
CARBON TETRACHLORIDE						1 U	1 U
CHLOROBENZENE						1 U	1 U
CHLOROETHANE						1 U	1 U
CHLOROFORM						1 U	1 U
CHLOROMETHANE						1 U	1 U
CIS-1,2-DICHLOROETHENE						1 U	1 U
CIS-1,3-DICHLOROPROPENE						1 U	1 U
DIBROMOCHLOROMETHANE						1 U	1 U
ETHYLBENZENE						1 U	1 U
METHYLENE CHLORIDE						1 UJ	1 UJ
STYRENE						1 U	1 U
TETRACHLOROETHENE						1 U	1 U
TOLUENE						1 U	1 U
TRANS-1,2-DICHLOROETHENE						1 U	1 U
TRANS-1,3-DICHLOROPROPENE						1 U	1 U
TRICHLOROETHENE						1 U	1 U
VINYL CHLORIDE						1 U	1 U
XYLENES, TOTAL						1 U	1 U

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SAMPLE ID	NTCSW01803	NTCSW01903	NTCSW02003	NTCSW02003-D	NTCSW02103	NTCSW02303	NTCSW02303-D
LAB ID	A9H130204003	A9H120141006	A9H130204004	A9H130204006	A9H130204005	A9H110179001	A9H110179006
SAMPLE DATE	8/12/99	8/11/99	8/12/99	8/12/99	8/12/99	8/10/99	8/10/99
SEMIVOLATILES (µg/L)							
1,2,4-TRICHLOROBENZENE	10 U	10 U	10 U	10 U	10 U	10 U	10 U
1,2-DICHLOROBENZENE	10 U	10 U	10 U	10 U	10 U	10 U	10 U
1,3-DICHLOROBENZENE	10 U	10 U	10 U	10 U	10 U	10 U	10 U
1,4-DICHLOROBENZENE	10 U	10 U	10 U	10 U	10 U	10 U	10 U
2,2'-OXYBIS(1-CHLOROPROPANE)		10 U					
2,4,5-TRICHLOROPHENOL	10 U	10 U	10 U	10 U	10 U	10 U	10 U
2,4,6-TRICHLOROPHENOL	10 U	10 U	10 U	10 U	10 U	10 U	10 U
2,4-DICHLOROPHENOL	10 U	10 U	10 U	10 U	10 U	10 U	10 U
2,4-DIMETHYLPHENOL	10 U	10 U	10 U	10 U	10 U	10 U	10 U
2,4-DINITROPHENOL	25 UJ	25 U	25 UJ	25 UJ	25 UJ	25 UJ	25 UJ
2,4-DINITROTOLUENE	10 U	10 U	10 U	10 U	10 U	10 U	10 U
2,6-DINITROTOLUENE	10 U	10 U	10 U	10 U	10 U	10 U	10 U
2-CHLORONAPHTHALENE	10 U	10 U	10 U	10 U	10 U	10 U	10 U
2-CHLOROPHENOL	10 U	10 U	10 U	10 U	10 U	10 U	10 U
2-METHYLPHENOL	10 U	10 U	10 U	10 U	10 U	10 U	10 U
2-NITROANILINE	25 U	25 U	25 U	25 U	25 U	25 U	25 U
2-NITROPHENOL	10 U	10 U	10 U	10 U	10 U	10 U	10 U
3,3'-DICHLOROBENZIDINE	10 U	10 U	10 U	10 U	10 U	10 U	10 U
3-NITROANILINE	25 U	25 U	25 U	25 U	25 U	25 U	25 U
4,6-DINITRO-2-METHYLPHENOL	25 U	25 U	25 U	25 U	25 U	25 U	25 U
4-BROMOPHENYL PHENYL ETHER	10 U	10 U	10 U	10 U	10 U	10 U	10 U
4-CHLORO-3-METHYLPHENOL	10 U	10 U	10 U	10 U	10 U	10 U	10 U
4-CHLOROANILINE	10 UR	10 U	10 UR	10 UR	10 UR	10 U	10 U
4-CHLOROPHENYL PHENYL ETHER	10 U	10 U	10 U	10 U	10 U	10 U	10 U
4-METHYLPHENOL	10 U	10 U	10 U	10 U	10 U	10 U	10 U
4-NITROANILINE	25 U	25 U	25 U	25 U	25 U	25 U	25 U
4-NITROPHENOL	25 U	25 U	25 U	25 U	25 U	25 U	25 U
BIS(2-CHLOROETHOXY)METHANE	10 U	10 U	10 U	10 U	10 U	10 U	10 U
BIS(2-CHLOROETHYL)ETHER	10 U	10 U	10 U	10 U	10 U	10 U	10 U
BIS(2-CHLOROISOPROPYL) ETHER	10 U		10 U	10 U	10 U	10 U	10 U
BIS(2-ETHYLHEXYL)PHTHALATE	10 U	4.3 J	10 U	10 U	10 U	10 U	10 U
BUTYLBENZYL PHTHALATE	10 U	10 U	10 U	10 U	10 U	10 U	10 U
CARBAZOLE	10 U	10 U	10 U	10 U	10 U	10 U	10 U
DI-N-BUTYL PHTHALATE	10 U	10 U	10 U	10 U	10 U	10 U	10 U
DI-N-OCTYL PHTHALATE	10 U	10 U	10 U	10 U	10 U	10 U	10 U

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SAMPLE ID	NTCSW01803	NTCSW01903	NTCSW02003	NTCSW02003-D	NTCSW02103	NTCSW02303	NTCSW02303-D
LAB ID	A9H130204003	A9H120141006	A9H130204004	A9H130204006	A9H130204005	A9H110179001	A9H110179006
SAMPLE DATE	8/12/99	8/11/99	8/12/99	8/12/99	8/12/99	8/10/99	8/10/99
SEMIVOLATILES (µg/L) (Continued)							
DIBENZOFURAN	10 U	10 U	10 U	10 U	10 U	10 U	10 U
DIETHYL PHTHALATE	10 U	10 U	10 U	10 U	10 U	10 U	10 U
DIMETHYL PHTHALATE	10 U	10 U	10 U	10 U	10 U	10 U	10 U
HEXACHLOROBENZENE	10 U	10 U	10 U	10 U	10 U	10 U	10 U
HEXACHLOROBUTADIENE	10 U	10 U	10 U	10 U	10 U	10 U	10 U
HEXACHLOROCYCLOPENTADIENE	10 UJ	10 UR	10 UJ	10 UJ	10 UJ	10 UR	10 UR
HEXACHLOROETHANE	10 U	10 U	10 U	10 U	10 U	10 U	10 U
ISOPHORONE	10 U	10 U	10 U	10 U	10 U	10 U	10 U
N-NITROSO-DI-N-PROPYLAMINE	10 U	10 U	10 U	10 U	10 U	10 U	10 U
N-NITROSODIPHENYLAMINE	10 U	10 U	10 U	10 U	10 U	10 U	10 U
NITROBENZENE	10 U	10 U	10 U	10 U	10 U	10 U	10 U
PENTACHLOROPHENOL	25 U	25 U	25 U	25 U	25 U	25 U	25 U
PHENOL	10 U	10 U	10 U	10 U	10 U	10 U	10 U
PAHs (µg/L)							
1-METHYLNAPHTHALENE	2 U	2 U	2.1 U	2 U	2 U	2 U	2 U
2-METHYLNAPHTHALENE	2 U	2 U	2.1 U	2 U	2 U	2 U	2 U
ACENAPHTHENE	1 U	1 U	1.1 U	1 U	1 U	1 U	1 U
ACENAPHTHYLENE	1 U	1 U	1.1 U	1 U	1 U	1 U	1 U
ANTHRACENE	1 U	1 U	1.1 U	1 U	1 U	1 U	1 U
BENZO(A)ANTHRACENE	0.1 U	0.1 U	0.11 U	0.1 U	0.1 U	0.1 U	0.1 U
BENZO(A)PYRENE	0.1 U	0.1 U	0.11 U	0.1 U	0.1 U	0.1 U	0.1 U
BENZO(B)FLUORANTHENE	0.1 U	0.1 U	0.11 U	0.1 U	0.1 U	0.1 U	0.1 U
BENZO(G,H,I)PERYLENE	0.1 U	0.1 U	0.11 U	0.1 U	0.1 U	0.1 U	0.1 U
BENZO(K)FLUORANTHENE	0.3 U	0.3 U	0.32 U	0.3 U	0.3 U	0.3 U	0.3 U
CHRYSENE	0.1 U	0.1 U	0.11 U	0.1 U	0.1 U	0.1 U	0.1 U
DIBENZO(A,H)ANTHRACENE	0.1 U	0.1 U	0.11 U	0.1 U	0.1 U	0.1 U	0.1 U
FLUORANTHENE	0.2 U	0.2 U	0.21 U	0.2 U	0.2 U	0.2 U	0.2 U
FLUORENE	2 U	2 U	2.1 U	2 U	2 U	2 U	2 U
INDENO(1,2,3-CD)PYRENE	0.1 U	0.1 U	0.11 U	0.1 U	0.1 U	0.1 U	0.1 U
NAPHTHALENE	2 U	0.43 J	2.1 U	2 U	2 U	2 U	2 U
PHENANTHRENE	1 U	1 U	1.1 U	1 U	1 U	1 U	1 U
PYRENE	0.1 U	0.1 U	0.11 U	0.1 U	0.1 U	0.1 U	0.1 U

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SAMPLE ID	NTCSW01803	NTCSW01903	NTCSW02003	NTCSW02003-D	NTCSW02103	NTCSW02303	NTCSW02303-D
LAB ID	A9H130204003	A9H120141006	A9H130204004	A9H130204006	A9H130204005	A9H110179001	A9H110179006
SAMPLE DATE	8/12/99	8/11/99	8/12/99	8/12/99	8/12/99	8/10/99	8/10/99
PESTICIDES/PCBs (µg/L)							
4,4'-DDD						0.05 U	0.05 U
4,4'-DDE						0.05 U	0.05 U
4,4'-DDT						0.05 U	0.05 U
ALDRIN						0.05 U	0.05 U
ALPHA-BHC						0.05 U	0.05 U
ALPHA-CHLORDANE						0.05 U	0.05 U
AROCLOR-1016						0.5 U	
AROCLOR-1221						0.5 U	
AROCLOR-1232						0.5 U	
AROCLOR-1242						0.5 U	
AROCLOR-1248						0.5 U	
AROCLOR-1254						0.5 U	
AROCLOR-1260						0.5 U	
BETA-BHC						0.05 U	0.05 U
DELTA-BHC						0.05 U	0.05 U
DIELDRIN						0.05 U	0.05 U
ENDOSULFAN I						0.05 U	0.05 U
ENDOSULFAN II						0.05 U	0.05 U
ENDOSULFAN SULFATE						0.05 U	0.05 U
ENDRIN						0.05 U	0.05 U
ENDRIN ALDEHYDE						0.1 J	0.05 UJ
ENDRIN KETONE						0.05 U	0.05 U
GAMMA-BHC (LINDANE)						0.05 U	0.05 U
GAMMA-CHLORDANE						0.05 U	0.05 U
HEPTACHLOR						0.05 U	0.05 U
HEPTACHLOR EPOXIDE						0.05 U	0.05 U
METHOXYCHLOR						0.1 UJ	0.1 UJ
TOXAPHENE						3.5 R	2 U

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SAMPLE ID	NTCSW01803	NTCSW01903	NTCSW02003	NTCSW02003-D	NTCSW02103	NTCSW02303	NTCSW02303-D
LAB ID	A9H130204003	A9H120141006	A9H130204004	A9H130204006	A9H130204005	A9H110179001	A9H110179006
SAMPLE DATE	8/12/99	8/11/99	8/12/99	8/12/99	8/12/99	8/10/99	8/10/99
HERBICIDES (µg/L)							
2,4,5-T						1 U	1 U
2,4,5-TP (SILVEX)						1 U	1 U
2,4-D						4 U	4 U
2,4-DB						4 U	4 U
DALAPON						2 U	2 U
DICAMBA						2 U	2 U
DICHLORPROP						4 U	4 U
DINOSEB						0.6 U	0.6 U
MCPA						400 U	400 U
MCPP						400 U	400 U
INORGANICS (µg/L)							
ALUMINUM	15300 J	69.1 U	88.9 U	1810 J	94.3 U	295 J	712 J
ANTIMONY	2.2 U	2.2 U	2.2 U	2.2 U	2.2 U	2.2 U	2.2 U
ARSENIC	2.3 U	2.3 U	2.3 U	2.3 U	2.3 U	2.3 U	2.3 U
BARIUM	45.7	15.2	15.2	19.7	15.6	27.6	29.3
BERYLLIUM	0.33 U	0.08 U	0.22 U	0.22 U	0.2 U	0.08 U	0.09 U
CADMIUM	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
CALCIUM	12700	13700	14500	14100	14500	41000	40200
CHROMIUM	14.5	3.1 U	1.3 U	2.2 U	2.9 U	0.8 U	0.8 U
COBALT	1 U	0.6 U	0.67 U	0.6 U	0.6 U	0.66 U	0.86 U
COPPER	3.3	0.7 U	0.7 U	0.7 U	5.7	0.92	3
IRON	2340	98.6 U	277	397	80.7 U	968	1070
LEAD	7.3	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	4.6 U
MAGNESIUM	1800	1570	1440	1450	1640	3630	3580
MANGANESE	10.9	2.5 U	4.7	4.9	2.8 U	72.3	56
MERCURY	0.00462	0.00095	0.00158	0.0017	0.00092	0.00913	0.0108
NICKEL	5.4 U	5.7	1.5 U	1.9 U	2.2 U	1.5 U	1.5 U
POTASSIUM	1180	1160 U	928 U	867 U	993 U	1150 J	1130 J
SELENIUM	3.5 U	3.5 U	3.5 U	3.5 U	3.5 U	3.5 U	3.5 U
SILVER	0.6 U	0.6 U	0.6 U	0.6 U	0.6 U	0.6 U	0.6 U
SODIUM	11100 J	8260 J	7410 J	7280 J	9020 J	10100	10200
THALLIUM	0.6 UJ	0.6 UJ	0.6 UJ	0.6 U	0.6 UJ	0.6 UR	0.6 UR
VANADIUM	11	1.4 U	0.73 U	2 U	0.64 U	1.8 U	2.1 U
ZINC	17.9	0.5 U	1.2 U	3.3 U	23.1	6.3 U	12.6 U

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SAMPLE ID	NTCSW01803	NTCSW01903	NTCSW02003	NTCSW02003-D	NTCSW02103	NTCSW02303	NTCSW02303-D
LAB ID	A9H130204003	A9H120141006	A9H130204004	A9H130204006	A9H130204005	A9H110179001	A9H110179006
SAMPLE DATE	8/12/99	8/11/99	8/12/99	8/12/99	8/12/99	8/10/99	8/10/99
PETROLEUM HYDROCARBONS (mg/L)							
TPH C8-C40						0.5 U	0.5 U
GENERAL CHEMISTRY (mg/L)							
ALKALINITY						130	120
HARDNESS as CaCO3						81	77
TOTAL ALKALINITY						170	170
TOTAL DISSOLVED SOLIDS						7	4 U
TOTAL SUSPENDED SOLIDS							
RADIONUCLIDES (pCi/L)							
GROSS ALPHA	9.6	1.8	1.4	0.7	0.9	0.6 U	1.9
GROSS BETA	7	2.3	2.2	2	2.2	2.6	3.4

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SAMPLE ID	NTCSW02403	NTCSW02503	NTCSW02603	NTCSW02703	NTCSW02803
LAB ID	A9H110179002	A9H110179003	A9H120141008	A9H110179004	A9H110179005
SAMPLE DATE	8/10/99	8/10/99	8/11/99	8/10/99	8/10/99
VOLATILES (µg/L)					
1,1,1-TRICHLOROETHANE	1 U	1 U	1 U	1 U	1 U
1,1,2,2-TETRACHLOROETHANE	1 U	1 U	1 U	1 U	1 U
1,1,2-TRICHLOROETHANE	1 U	1 U	1 U	1 U	1 U
1,1-DICHLOROETHANE	1 U	1 U	1 U	1 U	1 U
1,1-DICHLOROETHENE	1 U	1 U	1 U	1 U	1 U
1,2-DICHLOROETHANE	1 U	1 U	1 U	1 U	1 U
1,2-DICHLOROPROPANE	1 U	1 U	1 U	1 U	1 U
2-BUTANONE	10 UJ	10 UJ	10 U	10 UJ	10 UJ
2-HEXANONE	10 UJ	10 UJ	10 UJ	10 UJ	10 UJ
4-METHYL-2-PENTANONE	10 UJ	10 UJ	10 U	10 UJ	10 UJ
ACETONE	10 UJ	10 UJ	10 U	10 UJ	12 J
BENZENE	1 U	1 U	1 U	1 U	1 U
BROMODICHLOROMETHANE	1 U	1 U	1 U	1 U	1 U
BROMOFORM	1 U	1 U	1 U	1 U	1 U
BROMOMETHANE	1 UJ	1 UJ	1 U	1 UJ	1 UJ
CARBON DISULFIDE	1 U	1 U	1 U	1 U	1 U
CARBON TETRACHLORIDE	1 U	1 U	1 U	1 U	1 U
CHLOROBENZENE	1 U	1 U	1 U	1 U	1 U
CHLOROETHANE	1 U	1 U	1 U	1 U	1 U
CHLOROFORM	0.32 J	1 U	1 U	1 U	1 U
CHLOROMETHANE	1 U	1 U	1 U	1 U	1 U
CIS-1,2-DICHLOROETHENE	1 U	1 U	1 U	1 U	1 U
CIS-1,3-DICHLOROPROPENE	1 U	1 U	1 U	1 U	1 U
DIBROMOCHLOROMETHANE	1 U	1 U	1 U	1 U	1 U
ETHYLBENZENE	1 U	1 U	1 U	1 U	1 U
METHYLENE CHLORIDE	1 UJ	1 UJ	1 U	1 UJ	1 UJ
STYRENE	1 U	1 U	1 U	1 U	1 U
TETRACHLOROETHENE	1 U	1 U	1 U	1 U	1 U
TOLUENE	1 U	1 U	1 U	0.31 J	0.36 J
TRANS-1,2-DICHLOROETHENE	1 U	1 U	1 U	1 U	1 U
TRANS-1,3-DICHLOROPROPENE	1 U	1 U	1 U	1 U	1 U
TRICHLOROETHENE	1 U	1 U	1 U	1 U	1 U
VINYL CHLORIDE	1 U	1 U	1 U	1 U	1 U
XYLENES, TOTAL	1 U	1 U	1 U	1 U	1 U

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SAMPLE ID	NTCSW02403	NTCSW02503	NTCSW02603	NTCSW02703	NTCSW02803
LAB ID	A9H110179002	A9H110179003	A9H120141008	A9H110179004	A9H110179005
SAMPLE DATE	8/10/99	8/10/99	8/11/99	8/10/99	8/10/99
SEMIVOLATILES (µg/L)					
1,2,4-TRICHLOROBENZENE	10 U	10 U	10 U	10 U	10 U
1,2-DICHLOROBENZENE	10 U	10 U	10 U	10 U	10 U
1,3-DICHLOROBENZENE	10 U	10 U	10 U	10 U	10 U
1,4-DICHLOROBENZENE	10 U	10 U	10 U	10 U	10 U
2,2'-OXYBIS(1-CHLOROPROPANE)			10 U		
2,4,5-TRICHLOROPHENOL	10 U	10 U	10 U	10 U	10 U
2,4,6-TRICHLOROPHENOL	10 U	10 U	10 U	10 U	10 U
2,4-DICHLOROPHENOL	10 U	10 U	10 U	10 U	10 U
2,4-DIMETHYLPHENOL	10 U	10 U	10 U	10 U	10 U
2,4-DINITROPHENOL	25 UJ	25 UJ	25 U	25 UJ	25 UJ
2,4-DINITROTOLUENE	10 U	10 U	10 U	10 U	10 U
2,6-DINITROTOLUENE	10 U	10 U	10 U	10 U	10 U
2-CHLORONAPHTHALENE	10 U	10 U	10 U	10 U	10 U
2-CHLOROPHENOL	10 U	10 U	10 U	10 U	10 U
2-METHYLPHENOL	10 U	10 U	10 U	10 U	10 U
2-NITROANILINE	25 U	25 U	25 U	25 U	25 U
2-NITROPHENOL	10 U	10 U	10 U	10 U	10 U
3,3'-DICHLOROBENZIDINE	10 U	10 U	10 U	10 U	10 U
3-NITROANILINE	25 U	25 U	25 U	25 U	25 U
4,6-DINITRO-2-METHYLPHENOL	25 U	25 U	25 U	25 U	25 U
4-BROMOPHENYL PHENYL ETHER	10 U	10 U	10 U	10 U	10 U
4-CHLORO-3-METHYLPHENOL	10 U	10 U	10 U	10 U	10 U
4-CHLOROANILINE	10 U	10 U	10 U	10 U	10 U
4-CHLOROPHENYL PHENYL ETHER	10 U	10 U	10 U	10 U	10 U
4-METHYLPHENOL	10 U	10 U	10 U	10 U	10 U
4-NITROANILINE	25 U	25 U	25 U	25 U	25 U
4-NITROPHENOL	25 U	25 U	25 U	25 U	25 U
BIS(2-CHLOROETHOXY)METHANE	10 U	10 U	10 U	10 U	10 U
BIS(2-CHLOROETHYL)ETHER	10 U	10 U	10 U	10 U	10 U
BIS(2-CHLOROISOPROPYL) ETHER	10 U	10 U		10 U	10 U
BIS(2-ETHYLHEXYL)PHTHALATE	10 U	10 U	4.5 J	10 U	4.4 J
BUTYLBENZYL PHTHALATE	10 U	10 U	10 U	10 U	10 U
CARBAZOLE	10 U	10 U	10 U	10 U	10 U
DI-N-BUTYL PHTHALATE	10 U	10 U	10 U	10 U	10 U
DI-N-OCTYL PHTHALATE	10 U	10 U	10 U	10 U	10 U

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SAMPLE ID	NTCSW02403	NTCSW02503	NTCSW02603	NTCSW02703	NTCSW02803
LAB ID	A9H110179002	A9H110179003	A9H120141008	A9H110179004	A9H110179005
SAMPLE DATE	8/10/99	8/10/99	8/11/99	8/10/99	8/10/99
SEMIVOLATILES (µg/L) (Continued)					
DIBENZOFURAN	10 U	10 U	10 U	10 U	10 U
DIETHYL PHTHALATE	10 U	10 U	10 U	10 U	10 U
DIMETHYL PHTHALATE	10 U	10 U	10 U	10 U	10 U
HEXACHLOROBENZENE	10 U	10 U	10 U	10 U	10 U
HEXACHLOROBUTADIENE	10 U	10 U	10 U	10 U	10 U
HEXACHLOROCYCLOPENTADIENE	10 UR	10 UR	10 UR	10 UR	10 UR
HEXACHLOROETHANE	10 U	10 U	10 U	10 U	10 U
ISOPHORONE	10 U	10 U	10 U	10 U	10 U
N-NITROSO-DI-N-PROPYLAMINE	10 U	10 U	10 U	10 U	10 U
N-NITROSODIPHENYLAMINE	10 U	10 U	10 U	10 U	10 U
NITROBENZENE	10 U	10 U	10 U	10 U	10 U
PENTACHLOROPHENOL	25 U	25 U	25 U	25 U	25 U
PHENOL	10 U	10 U	10 U	10 U	10 U
PAHs (µg/L)					
1-METHYLNAPHTHALENE	2 U	2 U	2 U	2 U	2 U
2-METHYLNAPHTHALENE	2 U	2 U	2 U	2 U	2 U
ACENAPHTHENE	1 U	1 U	1 U	1 U	1 U
ACENAPHTHYLENE	1 U	1 U	1 U	1 U	1 U
ANTHRACENE	1 U	1 U	1 U	1 U	1 U
BENZO(A)ANTHRACENE	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
BENZO(A)PYRENE	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
BENZO(B)FLUORANTHENE	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
BENZO(G,H,I)PERYLENE	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
BENZO(K)FLUORANTHENE	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U
CHRYSENE	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
DIBENZO(A,H)ANTHRACENE	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
FLUORANTHENE	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
FLUORENE	2 U	2 U	2 U	2 U	2 U
INDENO(1,2,3-CD)PYRENE	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
NAPHTHALENE	2 U	2 U	2 U	2 U	2 U
PHENANTHRENE	1 U	1 U	1 U	1 U	1 U
PYRENE	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U

Blank cell - chemical not analyzed

SAMPLE ID	NTCSW02403	NTCSW02503	NTCSW02603	NTCSW02703	NTCSW02803
LAB ID	A9H110179002	A9H110179003	A9H120141008	A9H110179004	A9H110179005
SAMPLE DATE	8/10/99	8/10/99	8/11/99	8/10/99	8/10/99
PESTICIDES/PCBs (µg/L)					
4,4'-DDD	0.05 U	0.05 U	0.05 U	0.05 U	0.05 UJ
4,4'-DDE	0.05 U	0.05 U	0.05 U	0.05 U	0.05 UJ
4,4'-DDT	0.05 U	0.05 U	0.05 U	0.05 U	0.05 UJ
ALDRIN	0.05 U	0.033 J	0.05 U	0.05 U	0.018 J
ALPHA-BHC	0.05 U	0.05 U	0.05 U	0.05 U	0.05 UJ
ALPHA-CHLORDANE	0.05 U	0.05 U	0.05 U	0.05 U	0.05 UJ
AROCLOR-1016					
AROCLOR-1221					
AROCLOR-1232					
AROCLOR-1242					
AROCLOR-1248					
AROCLOR-1254					
AROCLOR-1260					
BETA-BHC	0.05 U	0.05 U	0.05 U	0.05 U	0.05 UJ
DELTA-BHC	0.05 U	0.05 U	0.05 U	0.05 U	0.05 UJ
DIELDRIN	0.05 U	0.05 U	0.05 UR	0.05 U	0.05 UJ
ENDOSULFAN I	0.05 U	0.05 U	0.05 UR	0.05 U	0.015 J
ENDOSULFAN II	0.05 U	0.05 U	0.05 UR	0.05 U	0.05 UJ
ENDOSULFAN SULFATE	0.05 U	0.05 U	0.05 UR	0.05 U	0.05 UJ
ENDRIN	0.05 U	0.05 U	0.05 UR	0.05 U	0.05 UJ
ENDRIN ALDEHYDE	0.05 U	0.05 U	0.05 UR	0.05 U	0.05 UJ
ENDRIN KETONE	0.05 U	0.05 U	0.05 UR	0.05 U	0.05 UJ
GAMMA-BHC (LINDANE)	0.05 U	0.05 U	0.05 U	0.05 U	0.05 UJ
GAMMA-CHLORDANE	0.05 U	0.05 U	0.05 U	0.05 U	0.05 UJ
HEPTACHLOR	0.05 U	0.05 U	0.05 U	0.05 U	0.05 UJ
HEPTACHLOR EPOXIDE	0.05 U	0.05 U	0.05 UR	0.05 U	0.05 UJ
METHOXYCHLOR	0.1 UJ	0.1 UJ	0.1 UR	0.1 UJ	0.1 UJ
TOXAPHENE	2 U	2 U	2 U	2 U	2 UJ

Blank ce mical not analyzed

SAMPLE ID	NTCSW02403	NTCSW02503	NTCSW02603	NTCSW02703	NTCSW02803
LAB ID	A9H110179002	A9H110179003	A9H120141008	A9H110179004	A9H110179005
SAMPLE DATE	8/10/99	8/10/99	8/11/99	8/10/99	8/10/99
HERBICIDES (µg/L)					
2,4,5-T	1 U	1 U	1 U	1 U	1 U
2,4,5-TP (SILVEX)	1 U	1 U	1 U	1 U	1 U
2,4-D	4 U	4 U	4 U	4 U	4 U
2,4-DB	4 U	4 U	4 U	4 U	4 U
DALAPON	2 U	2 U	2 U	2 U	2 U
DICAMBA	0.59 J	2 U	2 U	2 U	2 U
DICHLORPROP	4 U	4 U	4 U	4 U	4 U
DINOSEB	0.6 U	0.6 U	0.6 U	0.6 U	0.6 U
MCPA	400 U	400 U	400 U	400 U	400 U
MCPP	400 U	400 U	400 U	400 U	400 U
INORGANICS (µg/L)					
ALUMINUM	76.6 U	172 U	645	1890 J	916 J
ANTIMONY	2.2 U	2.2 U	2.2 U	5.4	2.2 U
ARSENIC	2.3 U	2.3 U	2.3 U	2.3 U	2.3 U
BARIUM	25.4	15.9	15.2	20.6	14.8
BERYLLIUM	0.28 U	0.14 U	0.08 U	0.1 U	0.08 U
CADMIUM	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
CALCIUM	36100	14600	14200	30800	30300
CHROMIUM	0.8 U	0.8 U	0.92 U	0.8 U	0.8 U
COBALT	0.6 U	0.6 U	0.6 U	0.6 U	0.75 U
COPPER	1.1	1	0.7 U	2.5	2.2
IRON	1290	769	486	523	540
LEAD	1.1 U	1.1 U	1.1 U	1.1 U	1.3 U
MAGNESIUM	3450	1150	1160	1320	1540
MANGANESE	78.3	86.7	14.1	14.9 U	13.8 U
MERCURY	0.00859	0.00177	0.00814	0.00233	0.0124
NICKEL	1.5 U	1.5 U	1.5 U	1.5 U	1.5 U
POTASSIUM	1220 J	918 J	1100 U	1040 J	1450 J
SELENIUM	3.5 U	3.5 U	3.5 U	3.5 U	3.5 U
SILVER	0.6 U	0.6 U	0.6 U	0.6 U	0.6 U
SODIUM	10000	4920	5620 J	5120	5470
THALLIUM	0.6 UR	0.6 UR	0.6 UJ	0.6 UR	0.6 UR
VANADIUM	1 U	1.5 U	1.2 U	1.3 U	3.4 U
ZINC	8.6 U	9.4 U	0.5 U	6.2 U	13.2 U

Blank cell - chemical not analyzed

SAMPLE ID	NTCSW02403	NTCSW02503	NTCSW02603	NTCSW02703	NTCSW02803
LAB ID	A9H110179002	A9H110179003	A9H120141008	A9H110179004	A9H110179005
SAMPLE DATE	8/10/99	8/10/99	8/11/99	8/10/99	8/10/99
PETROLEUM HYDROCARBONS (mg/L)					
TPH C8-C40	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
GENERAL CHEMISTRY (mg/L)					
ALKALINITY			31		
HARDNESS as CaCO3	120	48	42	50	81
TOTAL ALKALINITY	74	29		42	57
TOTAL DISSOLVED SOLIDS	150	71	86	77	120
TOTAL SUSPENDED SOLIDS	4 U	4 U	5	4 U	28
RADIONUCLIDES (pCi/L)					
GROSS ALPHA	1.9	0.8	1.6	1.4	2.7
GROSS BETA	3.2	2.1	2.6	2.1	3.4

Blank ce mical not analyzed

SAMPLE ID	NTCSD00103	NTCSD00503	NTCSD00803	NTCSD01003	NTCSD01203	NTCSD01403	NTCSD01503	NTCSD01803
LAB ID	A9H120141009	A9H120141010	A9H130204007	A9H120141011	A9H120141012	A9H120141013	A9H130204008	A9H130204009
SAMPLE DATE	8/11/99	8/11/99	8/12/99	8/11/99	8/11/99	8/11/99	8/12/99	8/12/99
VOLATILES (µg/kg)								
1,1,1-TRICHLOROETHANE								
1,1,2,2-TETRACHLOROETHANE								
1,1,2-TRICHLOROETHANE								
1,1-DICHLOROETHANE								
1,1-DICHLOROETHENE								
1,2-DICHLOROETHANE								
1,2-DICHLOROPROPANE								
2-BUTANONE								
2-HEXANONE								
4-METHYL-2-PENTANONE								
ACETONE								
BENZENE								
BROMODICHLOROMETHANE								
BROMOFORM								
BROMOMETHANE								
CARBON DISULFIDE								
CARBON TETRACHLORIDE								
CHLOROBENZENE								
CHLOROETHANE								
CHLOROFORM								
CHLOROMETHANE								
CIS-1,2-DICHLOROETHENE								
CIS-1,3-DICHLOROPROPENE								
DIBROMOCHLOROMETHANE								
ETHYLBENZENE								
METHYLENE CHLORIDE								
STYRENE								
TETRACHLOROETHENE								
TOLUENE								
TRANS-1,2-DICHLOROETHENE								
TRANS-1,3-DICHLOROPROPENE								
TRICHLOROETHENE								
VINYL CHLORIDE								
XYLENES, TOTAL								

Blank cell - chemical not analyzed

SAMPLE ID	NTCSD00103	NTCSD00503	NTCSD00803	NTCSD01003	NTCSD01203	NTCSD01403	NTCSD01503	NTCSD01803
LAB ID	A9H120141009	A9H120141010	A9H130204007	A9H120141011	A9H120141012	A9H120141013	A9H130204008	A9H130204009
SAMPLE DATE	8/11/99	8/11/99	8/12/99	8/11/99	8/11/99	8/11/99	8/12/99	8/12/99
SEMIVOLATILES (µg/kg)								
1,2,4-TRICHLOROBENZENE								
1,2-DICHLOROBENZENE								
1,3-DICHLOROBENZENE								
1,4-DICHLOROBENZENE								
2,2'-OXYBIS(1-CHLOROPROPANE)								
2,4,5-TRICHLOROPHENOL								
2,4,6-TRICHLOROPHENOL								
2,4-DICHLOROPHENOL								
2,4-DIMETHYLPHENOL								
2,4-DINITROPHENOL								
2,4-DINITROTOLUENE								
2,6-DINITROTOLUENE								
2-CHLORONAPHTHALENE								
2-CHLOROPHENOL								
2-METHYLPHENOL								
2-NITROANILINE								
2-NITROPHENOL								
3,3'-DICHLOROBENZIDINE								
3-NITROANILINE								
4,6-DINITRO-2-METHYLPHENOL								
4-BROMOPHENYL PHENYL ETHER								
4-CHLORO-3-METHYLPHENOL								
4-CHLOROANILINE								
4-CHLOROPHENYL PHENYL ETHER								
4-METHYLPHENOL								
4-NITROANILINE								
4-NITROPHENOL								
BIS(2-CHLOROETHOXY)METHANE								
BIS(2-CHLOROETHYL)ETHER								
BIS(2-CHLOROISOPROPYL) ETHER								
BIS(2-ETHYLHEXYL)PHTHALATE								
BUTYLBENZYL PHTHALATE								
CARBAZOLE								
DI-N-BUTYL PHTHALATE								
DI-N-OCTYL PHTHALATE								
DIBENZOFURAN								
DIETHYL PHTHALATE								
DIMETHYL PHTHALATE								

Blank ce ·mical not analyzed

SAMPLE ID	NTCSD00103	NTCSD00503	NTCSD00803	NTCSD01003	NTCSD01203	NTCSD01403	NTCSD01503	NTCSD01803
LAB ID	A9H120141009	A9H120141010	A9H130204007	A9H120141011	A9H120141012	A9H120141013	A9H130204008	A9H130204009
SAMPLE DATE	8/11/99	8/11/99	8/12/99	8/11/99	8/11/99	8/11/99	8/12/99	8/12/99
SEMIVOLATILES (µg/kg) (Continued)								
HEXACHLOROBENZENE								
HEXACHLOROBUTADIENE								
HEXACHLOROCYCLOPENTADIENE								
HEXACHLOROETHANE								
ISOPHORONE								
N-NITROSO-DI-N-PROPYLAMINE								
N-NITROSODIPHENYLAMINE								
NITROBENZENE								
PENTACHLOROPHENOL								
PHENOL								
PAHs (µg/kg)								
1-METHYLNAPHTHALENE								
2-METHYLNAPHTHALENE								
ACENAPHTHENE								
ACENAPHTHYLENE								
ANTHRACENE								
BENZO(A)ANTHRACENE								
BENZO(A)PYRENE								
BENZO(B)FLUORANTHENE								
BENZO(G,H,I)PERYLENE								
BENZO(K)FLUORANTHENE								
CHRYSENE								
DIBENZO(A,H)ANTHRACENE								
FLUORANTHENE								
FLUORENE								
INDENO(1,2,3-CD)PYRENE								
NAPHTHALENE								
PHENANTHRENE								
PYRENE								
PESTICIDES/PCBs (µg/kg)								
4,4'-DDD	4.9 U	2.2 U	2.3 U	2.8 U	3.3 U	2.3 U	2.1 U	4.6 U
4,4'-DDE	4.9 U	8.2	2.3 U	3.4	3.3 U	2.3 U	2.1 U	4.6 U
4,4'-DDT	4.9 U	2.2 U	2.3 U	2.8 U	3.3 U	2.3 U	2.1 U	4.6 U
ALDRIN	4.9 U	2.2 U	2.3 U	2.8 U	3.3 U	2.3 U	2.1 U	4.6 U
ALPHA-BHC	4.9 U	2.2 U	2.3 U	2.8 U	3.3 U	2.3 U	2.1 U	4.6 U
ALPHA-CHLORDANE	4.9 U	2.2 U	2.3 U	3.5 R	3.3 U	2.3 U	1.1 J	4.6 U

Blank cell - chemical not analyzed

SAMPLE ID	NTCSD00103	NTCSD00503	NTCSD00803	NTCSD01003	NTCSD01203	NTCSD01403	NTCSD01503	NTCSD01803
LAB ID	A9H120141009	A9H120141010	A9H130204007	A9H120141011	A9H120141012	A9H120141013	A9H130204008	A9H130204009
SAMPLE DATE	8/11/99	8/11/99	8/12/99	8/11/99	8/11/99	8/11/99	8/12/99	8/12/99
PESTICIDES/PCBs (µg/kg) (Continued)								
AROCLOR-1016								
AROCLOR-1221								
AROCLOR-1232								
AROCLOR-1242								
AROCLOR-1248								
AROCLOR-1254								
AROCLOR-1260								
BETA-BHC	4.9 U	2.2 U	2.3 U	2.8 U	3.3 U	2.3 U	2.1 U	4.6 U
DELTA-BHC	4.9 U	2.2 U	2.3 U	2.8 U	3.3 U	2.3 U	2.1 U	4.6 U
DIELDRIN	4.9 U	2.2 U	2.3 U	2.8 U	3.3 U	2.3 U	2.1 U	4.6 U
ENDOSULFAN I	2.6 J	2.2 U	2.1 J	2.8 U	3.3 U	2.3 U	1.3 J	4.6 U
ENDOSULFAN II	4.9 U	2.2 U	2.3 U	2.8 U	3.3 U	2.3 U	2.1 U	4.6 U
ENDOSULFAN SULFATE	4.9 U	2.2 U	2.3 U	2.8 U	3.3 U	2.3 U	2.1 U	4.6 U
ENDRIN	4.9 U	2.2 U	2.3 U	2.8 U	3.3 U	2.3 U	2.1 U	4.6 U
ENDRIN ALDEHYDE	4.9 U	2.2 U	2.3 U	2.8 U	3.3 U	2.3 U	2.1 U	4.6 U
ENDRIN KETONE	4.9 U	2.2 U	2.3 U	2.8 U	3.3 U	2.3 U	2.1 U	4.6 U
GAMMA-BHC (LINDANE)	4.9 U	2.2 U	2.3 U	2.8 U	3.3 U	2.3 U	2.1 U	4.6 U
GAMMA-CHLORDANE	4.9 U	2.2 U	2.3 U	5.4 J	3.3 U	2.3 U	2 J	4.6 U
HEPTACHLOR	4.9 U	2.2 U	2.3 U	2.8 U	7.5 R	2.3 U	2.1 U	4.6 U
HEPTACHLOR EPOXIDE	4.9 U	2.2 U	2.3 U	2.8 U	3.3 U	2.3 U	2.1 U	4.6 U
METHOXYCHLOR	9.5 U	4.3 U	4.5 U	5.5 U	6.4 U	4.5 U	4.2 U	8.9 U
TOXAPHENE	190 U	87 U	91 U	110 U	130 U	91 U	85 U	180 U
HERBICIDES (µg/kg)								
2,4,5-T								
2,4,5-TP (SILVEX)								
2,4-D								
2,4-DB								
DALAPON								
DICAMBA								
DICHLORPROP								
DINOSEB								
MCPA								
MCPP								

Blank ce mical not analyzed

PHASE III SEDIMENT SAMPLES

SAMPLE ID	NTCSD00103	NTCSD00503	NTCSD00803	NTCSD01003	NTCSD01203	NTCSD01403	NTCSD01503	NTCSD01803
LAB ID	A9H120141009	A9H120141010	A9H130204007	A9H120141011	A9H120141012	A9H120141013	A9H130204008	A9H130204009
SAMPLE DATE	8/11/99	8/11/99	8/12/99	8/11/99	8/11/99	8/11/99	8/12/99	8/12/99
INORGANICS (mg/kg)								
ALUMINUM	11400	1220	827 J	2070	909	5860	415 J	6490 J
ANTIMONY	0.63 U	0.29 U	0.3 U	0.37 U	0.43 U	0.3 U	0.3	0.59 U
ARSENIC	5.3	0.3 U	0.31 U	0.46 U	0.45 U	0.64 U	0.29	0.8
BARIUM	52.2	4.8	4	7.1	4.6	30.1	2	16.3
BERYLLIUM	0.48 U	0.02 U	0.04 U	0.1 U	0.04 U	0.81	0.02 U	0.11 U
CADMIUM	0.32 U	0.03 U	0.03 U	0.03 U	0.11 U	0.03 U	0.03 U	0.05 U
CALCIUM	4820	272	114 U	2820	253	367	146 U	223 U
CHROMIUM	18.9	2	1.3 U	3.8	1.7 U	8.6	0.78 U	6.7 J
COBALT	1.3 U	0.08 U	0.21 U	0.16 U	0.17 U	0.46 U	0.08 U	0.26 U
COPPER	25.9	0.61	1.4 U	4.2	2.8	4.3	0.37 U	3.6
IRON	5130 J	138 J	199 J	666 J	393 J	1200 J	176 J	296 J
LEAD	33.2	2.8	1.5 J	10.7	2.6	6.1	0.61 J	4.9 J
MAGNESIUM	214	18.1 U	19.1 U	93.2	34.6 U	228	20.6 U	105 U
MANGANESE	37.6	0.62 U	7	8.9	1.1 U	1.4	0.92 U	3 U
MERCURY	0.31 U	0.03 U	0.02 U	0.08 U	0.03 U	0.1 U	0.02 U	0.06
NICKEL	5.7	0.47 U	0.96 U	1.1 U	0.79 U	3.6	0.75 U	1.6 U
POTASSIUM	213 U	35.2 U	27.6 U	70.8 U	25.5 U	67.5 U	26 U	82.5 U
SELENIUM	2	0.46	0.47 U	0.59 U	0.68 U	0.47 U	0.44 U	0.94 U
SILVER	0.17 U	0.08 U	0.08 U	0.1 U	0.16 U	0.08 U	0.08 U	0.16 U
SODIUM	994 U	339 U	106 U	382 U	74.2 U	103 U	119 U	205 U
THALLIUM	0.17 UJ	0.08 UJ	0.16 U	0.1 UJ	0.12 UJ	0.08 UJ	0.08 UJ	0.16 UJ
VANADIUM	19	1.3	0.82	27.1	2.4	7.6	0.44 U	4.8
ZINC	143	1.4	8.3 U	17.9	2.9	2	3 U	7.3 U
PETROLEUM HYDROCARBONS (mg/kg)								
TPH C8-C40								
RADIONUCLIDES (pCi/g)								
GROSS ALPHA	5.6	3.3	0.2 U	3.7	2.5	15	2.2	6.4
GROSS BETA	3	3.1	1.8 U	3.6	0.5 U	5.7	1.2 U	3.2

Blank cell - chemical not analyzed

PHASE III SEDIMENT SAMPLES

SAMPLE ID	NTCSD01903	NTCSD02003	NTCSD02003-D	NTCSD02103	NTCSD02303	NTCSD02303-D	NTCSD02403	NTCSD02503
LAB ID	A9H120141014	A9H130204011	A9H130204012	A9H130204010	A9H110179008	A9H110179013	A9H110179009	A9H110179010
SAMPLE DATE	8/11/99	8/12/99	8/12/99	8/12/99	8/10/99	8/10/99	8/10/99	8/10/99
VOLATILES (µg/kg)								
1,1,1-TRICHLOROETHANE					6.5 U	6.8 U	6.3 U	9.3 U
1,1,2,2-TETRACHLOROETHANE					6.5 U	6.8 U	6.3 U	9.3 U
1,1,2-TRICHLOROETHANE					6.5 U	6.8 U	6.3 U	9.3 U
1,1-DICHLOROETHANE					6.5 U	6.8 U	6.3 U	9.3 U
1,1-DICHLOROETHENE					6.5 U	6.8 U	6.3 U	9.3 U
1,2-DICHLOROETHANE					6.5 U	6.8 U	6.3 U	9.3 U
1,2-DICHLOROPROPANE					6.5 U	6.8 U	6.3 U	9.3 U
2-BUTANONE					26 U	27 U	25 U	37 U
2-HEXANONE					26 U	27 U	25 U	37 U
4-METHYL-2-PENTANONE					26 U	27 U	25 U	37 U
ACETONE					6.3 J	27 U	25 U	10 J
BENZENE					6.5 U	6.8 U	6.3 U	9.3 U
BROMODICHLOROMETHANE					6.5 U	6.8 U	6.3 U	9.3 U
BROMOFORM					6.5 U	6.8 U	6.3 U	9.3 U
BROMOMETHANE					13 U	14 U	13 U	19 U
CARBON DISULFIDE					6.5 U	6.8 U	6.3 U	9.3 U
CARBON TETRACHLORIDE					6.5 U	6.8 U	6.3 U	9.3 U
CHLOROBENZENE					6.5 U	6.8 U	6.3 U	9.3 U
CHLOROETHANE					13 U	14 U	13 U	19 U
CHLOROFORM					6.5 U	6.8 U	6.3 U	9.3 U
CHLOROMETHANE					13 U	14 U	13 U	19 U
CIS-1,2-DICHLOROETHENE					3.3 U	3.4 U	3.2 U	4.7 U
CIS-1,3-DICHLOROPROPENE					6.5 U	6.8 U	6.3 U	9.3 U
DIBROMOCHLOROMETHANE					6.5 U	6.8 U	6.3 U	9.3 U
ETHYLBENZENE					6.5 U	6.8 U	6.3 U	9.3 U
METHYLENE CHLORIDE					6.5 U	6.8 U	6.3 U	9.3 U
STYRENE					6.5 U	6.8 U	6.3 U	9.3 U
TETRACHLOROETHENE					0.39 J	6.8 U	6.3 U	9.3 U
TOLUENE					6.5 U	6.8 U	6.3 U	9.3 U
TRANS-1,2-DICHLOROETHENE					3.3 U	3.4 U	3.2 U	4.7 U
TRANS-1,3-DICHLOROPROPENE					6.5 U	6.8 U	6.3 U	9.3 U
TRICHLOROETHENE					6.5 U	6.8 U	6.3 U	9.3 U
VINYL CHLORIDE					13 U	14 U	13 U	19 U
XYLENES, TOTAL					13 U	14 U	13 U	19 U

Blank ce mical not analyzed

SAMPLE ID	NTCSD01903	NTCSD02003	NTCSD02003-D	NTCSD02103	NTCSD02303	NTCSD02303-D	NTCSD02403	NTCSD02503
LAB ID	A9H120141014	A9H130204011	A9H130204012	A9H130204010	A9H110179008	A9H110179013	A9H110179009	A9H110179010
SAMPLE DATE	8/11/99	8/12/99	8/12/99	8/12/99	8/10/99	8/10/99	8/10/99	8/10/99
SEMIVOLATILES (µg/kg)								
1,2,4-TRICHLOROBENZENE					430 U	450 U	420 U	620 U
1,2-DICHLOROBENZENE					430 U	450 U	420 U	620 U
1,3-DICHLOROBENZENE					430 U	450 U	420 U	620 U
1,4-DICHLOROBENZENE					430 U	450 U	420 U	620 U
2,2'-OXYBIS(1-CHLOROPROPANE)								
2,4,5-TRICHLOROPHENOL					430 U	450 U	420 U	620 U
2,4,6-TRICHLOROPHENOL					430 U	450 U	420 U	620 U
2,4-DICHLOROPHENOL					430 U	450 U	420 U	620 U
2,4-DIMETHYLPHENOL					430 U	450 U	420 U	620 U
2,4-DINITROPHENOL					1000 U	1100 U	1000 U	1500 UJ
2,4-DINITROTOLUENE					430 U	450 U	420 U	620 U
2,6-DINITROTOLUENE					430 U	450 U	420 U	620 U
2-CHLORONAPHTHALENE					430 U	450 U	420 U	620 U
2-CHLOROPHENOL					430 U	450 U	420 U	620 U
2-METHYLPHENOL					430 U	450 U	420 U	620 U
2-NITROANILINE					1000 U	1100 U	1000 U	1500 U
2-NITROPHENOL					430 U	450 U	420 U	620 U
3,3'-DICHLOROBENZIDINE					430 U	450 U	420 U	620 U
3-NITROANILINE					1000 U	1100 U	1000 U	1500 U
4,6-DINITRO-2-METHYLPHENOL					1000 U	1100 U	1000 U	1500 U
4-BROMOPHENYL PHENYL ETHER					430 U	450 U	420 U	620 U
4-CHLORO-3-METHYLPHENOL					430 U	450 U	420 U	620 U
4-CHLOROANILINE					430 U	450 U	420 U	620 U
4-CHLOROPHENYL PHENYL ETHER					430 U	450 U	420 U	620 U
4-METHYLPHENOL					430 U	450 U	420 U	620 U
4-NITROANILINE					1000 U	1100 U	1000 U	1500 UJ
4-NITROPHENOL					1000 UJ	1100 UJ	1000 UJ	1500 UJ
BIS(2-CHLOROETHOXY)METHANE					430 U	450 U	420 U	620 U
BIS(2-CHLOROETHYL)ETHER					430 U	450 U	420 U	620 U
BIS(2-CHLOROISOPROPYL) ETHER					430 U	450 U	420 U	620 U
BIS(2-ETHYLHEXYL)PHTHALATE					430 U	450 U	420 U	620 U
BUTYLBENZYL PHTHALATE					430 U	450 U	420 U	620 U
CARBAZOLE					430 U	450 U	420 U	620 U
DI-N-BUTYL PHTHALATE					430 U	450 U	420 U	620 U
DI-N-OCTYL PHTHALATE					430 U	450 U	420 U	620 U
DIBENZOFURAN					430 U	450 U	420 U	620 U
DIETHYL PHTHALATE					430 U	450 U	420 U	620 U
DIMETHYL PHTHALATE					430 U	450 U	420 U	620 U

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SAMPLE ID	NTCSD01903	NTCSD02003	NTCSD02003-D	NTCSD02103	NTCSD02303	NTCSD02303-D	NTCSD02403	NTCSD02503
LAB ID	A9H120141014	A9H130204011	A9H130204012	A9H130204010	A9H110179008	A9H110179013	A9H110179009	A9H110179010
SAMPLE DATE	8/11/99	8/12/99	8/12/99	8/12/99	8/10/99	8/10/99	8/10/99	8/10/99
SEMIVOLATILES (µg/kg) (Continued)								
HEXACHLOROBENZENE					430 U	450 U	420 U	620 U
HEXACHLOROBUTADIENE					430 U	450 U	420 U	620 U
HEXACHLOROCYCLOPENTADIENE					430 UJ	450 UJ	420 UJ	620 UJ
HEXACHLOROETHANE					430 U	450 U	420 U	620 U
ISOPHORONE					430 U	450 U	420 U	620 U
N-NITROSO-DI-N-PROPYLAMINE					430 U	450 U	420 U	620 U
N-NITROSODIPHENYLAMINE					430 U	450 U	420 U	620 U
NITROBENZENE					430 U	450 U	420 U	620 U
PENTACHLOROPHENOL					1000 U	1100 U	1000 U	1500 U
PHENOL					430 U	450 U	420 U	620 U
PAHs (µg/kg)								
1-METHYLNAPHTHALENE					65 U	68 U	250 U	93 U
2-METHYLNAPHTHALENE					65 U	68 U	250 U	93 U
ACENAPHTHENE					65 U	68 U	250 U	93 U
ACENAPHTHYLENE					65 U	68 U	250 U	93 U
ANTHRACENE					65 U	68 U	250 U	93 U
BENZO(A)ANTHRACENE					6.5 U	6.8 U	25 U	9.3 U
BENZO(A)PYRENE					83 J	6.8 UJ	25 U	640
BENZO(B)FLUORANTHENE					6.5 U	6.8 U	25 U	9.3 U
BENZO(G,H,I)PERYLENE					6.5 U	6.8 U	25 U	9.3 U
BENZO(K)FLUORANTHENE					6.5 U	6.8 U	25 U	9.3 U
CHRYSENE					6.5 U	6.8 U	25 U	9.3 U
DIBENZO(A,H)ANTHRACENE					6.5 U	6.8 U	25 U	9.3 U
FLUORANTHENE					26	36	25 U	37
FLUORENE					65 U	68 U	250 U	93 U
INDENO(1,2,3-CD)PYRENE					6.5 U	6.8 U	25 U	9.3 U
NAPHTHALENE					65 U	68 U	250 U	93 U
PHENANTHRENE					65 U	68 U	250 U	93 U
PYRENE					4.3 J	7.1	25 U	9.3 U
PESTICIDES/PCBs (µg/kg)								
4,4'-DDD	2.4 U	2.1 U	2.2 U	2.3 U	2.2 U	2.3 U	2.1 UR	3.2 U
4,4'-DDE	2.4 U	2.1 U	2.2 U	2.3 U	2.2 U	2.3 U	2.1 UR	3.2 U
4,4'-DDT	2.4 U	2.1 U	2.2 U	2.3 U	2.2 U	2.3 U	2.1 UR	3.2 U
ALDRIN	2.4 U	2.1 U	2.2 U	2.3 U	2.2 U	2.3 U	2.1 UR	3.2 U
ALPHA-BHC	2.4 U	2.1 U	2.2 U	2.3 U	2.2 U	2.3 U	2.1 UR	3.2 U
ALPHA-CHLORDANE	2.4 U	2.1 U	2.2 U	2.3 U	2.2 U	2.3 U	2.1 UR	3.2 U

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SAMPLE ID	NTCSD01903	NTCSD02003	NTCSD02003-D	NTCSD02103	NTCSD02303	NTCSD02303-D	NTCSD02403	NTCSD02503
LAB ID	A9H120141014	A9H130204011	A9H130204012	A9H130204010	A9H110179008	A9H110179013	A9H110179009	A9H110179010
SAMPLE DATE	8/11/99	8/12/99	8/12/99	8/12/99	8/10/99	8/10/99	8/10/99	8/10/99
PESTICIDES/PCBs (µg/kg) (Continued)								
AROCLOR-1016					43 U			
AROCLOR-1221					43 U			
AROCLOR-1232					43 U			
AROCLOR-1242					43 U			
AROCLOR-1248					43 U			
AROCLOR-1254					43 U			
AROCLOR-1260					43 U			
BETA-BHC	2.4 U	2.1 U	2.2 U	2.3 U	2.2 U	2.3 U	2.1 UR	3.2 U
DELTA-BHC	2.4 U	2.1 U	2.2 U	2.3 U	2.2 U	2.3 U	2.1 UR	3.2 U
DIELDRIN	2.4 U	2.1 U	2.2 U	2.3 U	2.2 U	2.3 U	2.1 UR	3.2 U
ENDOSULFAN I	2.4 U	2.1 U	2.2 U	2.3 U	2.2 U	2.3 U	2.1 UR	3.2 U
ENDOSULFAN II	2.4 U	2.1 U	2.2 U	2.3 U	2.2 U	2.3 U	2.1 UR	3.2 U
ENDOSULFAN SULFATE	2.4 U	2.1 U	2.2 U	2.3 U	2.2 U	2.3 U	2.1 UR	3.2 U
ENDRIN	2.4 U	2.1 U	2.2 U	2.3 U	2.2 U	2.3 U	2.1 UR	3.2 U
ENDRIN ALDEHYDE	2.4 U	2.1 U	2.2 U	2.3 U	2.2 U	2.3 U	2.1 UR	3.2 U
ENDRIN KETONE	2.4 U	2.1 U	2.2 U	2.3 U	2.2 U	2.3 U	2.1 UR	3.2 U
GAMMA-BHC (LINDANE)	2.4 U	2.1 U	2.2 U	2.3 U	2.2 U	2.3 U	2.1 UR	3.2 U
GAMMA-CHLORDANE	2.4 U	2.1 U	2.2 U	2.3 U	2.2 U	2.3 U	2.1 UR	3.2 U
HEPTACHLOR	2.4 U	2.1 U	2.2 U	2.3 U	2.2 U	2.3 U	2.1 UR	3.2 U
HEPTACHLOR EPOXIDE	2.4 U	2.1 U	2.2 U	2.3 U	2.2 U	2.3 U	2.1 UR	3.2 U
METHOXYCHLOR	4.7 U	4.2 U	4.2 U	4.4 U	4.3 U	4.5 U	4.2 UR	6.2 U
TOXAPHENE	95 U	84 U	85 U	90 U	88 U	91 U	85 U	130 U
HERBICIDES (µg/kg)								
2,4,5-T					26 U	27 U	25 U	37 U
2,4,5-TP (SILVEX)					26 U	27 U	25 U	37 U
2,4-D					100 U	110 U	100 U	150 U
2,4-DB					100 U	110 U	100 U	150 U
DALAPON					52 UJ	12 J	7.3 J	75 UJ
DICAMBA					52 U	54 U	51 U	75 U
DICHLORPROP					100 U	110 U	100 U	150 U
DINOSEB					16 U	16 U	15 U	22 U
MCPA					10000 UJ	11000 UJ	10000 UJ	15000 UJ
MCPP					10000 UJ	11000 UJ	10000 UJ	15000 UJ

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PHASE III SEDIMENT SAMPLES

SAMPLE ID	NTCSD01903	NTCSD02003	NTCSD02003-D	NTCSD02103	NTCSD02303	NTCSD02303-D	NTCSD02403	NTCSD02503
LAB ID	A9H120141014	A9H130204011	A9H130204012	A9H130204010	A9H110179008	A9H110179013	A9H110179009	A9H110179010
SAMPLE DATE	8/11/99	8/12/99	8/12/99	8/12/99	8/10/99	8/10/99	8/10/99	8/10/99
INORGANICS (mg/kg)								
ALUMINUM	5970	6260 J	1420 J	726 J	759	489	148	3590
ANTIMONY	0.31 U	0.28 U	0.28 U	0.3 U	0.29 U	0.3 U	0.28 U	0.41 U
ARSENIC	1.5 U	0.47	0.29 U	0.31 U	0.32	0.31 U	0.29 U	0.76
BARIUM	19.5	30.4	7.1	3.2	3.9	2.3	2.2	12.1
BERYLLIUM	0.56 U	0.03 U	0.02 U	0.03 U	0.06 U	0.04 U	0.03 U	0.1 U
CADMIUM	0.05 U	0.03 U	0.03 U	0.03 U	0.08 U	0.03 U	0.03 U	0.04 U
CALCIUM	291	274 U	136 U	326 U	105 U	139 U	337 U	442 U
CHROMIUM	7	6.4 J	1.8 J	1.3 U	1.7	0.79 U	0.62 U	4.8
COBALT	0.4 U	0.21 U	0.08 U	0.09 U	0.13 U	0.08 U	0.08 U	0.14 U
COPPER	8.3	0.3 U	0.37 U	0.56 U	1.6	2.2	0.25 U	3.4
IRON	684 J	519 J	156 J	245 J	140	208	111	396
LEAD	7.3	4.7 J	1.3 J	0.97 J	2.1 J	6.4 J	0.91 U	5.4 J
MAGNESIUM	58	168	42.7 U	25.8 U	17.9 U	17.3 U	43.5	78.7
MANGANESE	1.3	2.2 U	1.9 U	0.6 U	1.4 U	2.7 U	1.8 U	2.1 U
MERCURY	0.08 U	0.04	0.02	0.02 U	0.03 J	0.04 J	0.02 U	0.03 U
NICKEL	2.1 U	1.6 U	0.65 U	0.47 U	0.94 U	0.71 U	0.44 U	1.2 U
POTASSIUM	51.8 U	103 U	32.6 U	26.7 U	11.9 U	7.9 U	21.9 U	20.7 U
SELENIUM	0.87	1.1 U	0.44 U	0.47 U	0.46 U	0.47 U	0.44 U	0.9
SILVER	0.08 U	0.08 U	0.08 U	0.08 U	0.29	0.08 U	0.08 U	0.11 U
SODIUM	101 U	67.8 U	102 U	72.2 U	159 U	276 U	242 U	310 U
THALLIUM	0.08 UJ	0.08 UJ	0.22 U	0.08 UJ	0.24 U	0.08 UJ	0.2 U	0.11 UJ
VANADIUM	17.6	5.1	1.3	0.7	1.5	0.61 U	0.32 U	2.6
ZINC	9	2.2 U	1.5 U	2.2 U	2.9 U	4.6	6.3	5.2 U
PETROLEUM HYDROCARBONS (mg/kg)								
TPH C8-C40					19 J	43 J	13 U	19 U
RADIONUCLIDES (pCi/g)								
GROSS ALPHA	7.9	3.1	4.5	0.6 U	2 U	2.1 U	2.1 U	7.2
GROSS BETA	2.6	2.2	1.9	0.9 U	1.5 U	2.6	1 U	3.3

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SAMPLE ID	NTCSD02603	NTCSD02703	NTCSD02803
LAB ID	A9H120141016	A9H110179011	A9H110179012
SAMPLE DATE	8/11/99	8/10/99	8/10/99
VOLATILES (µg/kg)			
1,1,1-TRICHLOROETHANE	6.5 U	7.2 U	6.4 U
1,1,2,2-TETRACHLOROETHANE	6.5 U	7.2 U	6.4 U
1,1,2-TRICHLOROETHANE	6.5 U	7.2 U	6.4 U
1,1-DICHLOROETHANE	6.5 U	7.2 U	6.4 U
1,1-DICHLOROETHENE	6.5 U	7.2 U	6.4 U
1,2-DICHLOROETHANE	6.5 U	7.2 U	6.4 U
1,2-DICHLOROPROPANE	6.5 U	7.2 U	6.4 U
2-BUTANONE	26 UJ	29 U	26 U
2-HEXANONE	26 UJ	29 U	26 U
4-METHYL-2-PENTANONE	26 UJ	29 U	26 U
ACETONE	26 UJ	8.8 J	4.3 J
BENZENE	6.5 U	7.2 U	6.4 U
BROMODICHLOROMETHANE	6.5 U	7.2 U	6.4 U
BROMOFORM	6.5 U	7.2 U	6.4 U
BROMOMETHANE	13 U	14 U	13 U
CARBON DISULFIDE	6.5 U	7.2 U	6.4 U
CARBON TETRACHLORIDE	6.5 U	7.2 U	6.4 U
CHLOROBENZENE	6.5 U	7.2 U	6.4 U
CHLOROETHANE	13 U	14 U	13 U
CHLOROFORM	6.5 U	7.2 U	6.4 U
CHLOROMETHANE	13 U	14 U	13 U
CIS-1,2-DICHLOROETHENE	3.3 U	3.6 U	3.2 U
CIS-1,3-DICHLOROPROPENE	6.5 U	7.2 U	6.4 U
DIBROMOCHLOROMETHANE	6.5 U	7.2 U	6.4 U
ETHYLBENZENE	6.5 U	7.2 U	6.4 U
METHYLENE CHLORIDE	6.5 U	7.2 U	6.4 U
STYRENE	6.5 U	7.2 U	6.4 U
TETRACHLOROETHENE	6.5 U	7.2 U	6.4 U
TOLUENE	6.5 U	7.2 U	6.4 U
TRANS-1,2-DICHLOROETHENE	3.3 U	3.6 U	3.2 U
TRANS-1,3-DICHLOROPROPENE	6.5 U	7.2 U	6.4 U
TRICHLOROETHENE	6.5 U	7.2 U	6.4 U
VINYL CHLORIDE	13 U	14 U	13 U
XYLENES, TOTAL	13 U	14 U	13 U

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PHASE III SEDIMENT SAMPLES

SAMPLE ID	NTCSD02603	NTCSD02703	NTCSD02803
LAB ID	A9H120141016	A9H110179011	A9H110179012
SAMPLE DATE	8/11/99	8/10/99	8/10/99
SEMIVOLATILES (µg/kg)			
1,2,4-TRICHLOROBENZENE	430 U	480 U	420 U
1,2-DICHLOROBENZENE	430 U	480 U	420 U
1,3-DICHLOROBENZENE	430 U	480 U	420 U
1,4-DICHLOROBENZENE	430 U	480 U	420 U
2,2'-OXYBIS(1-CHLOROPROPANE)	430 UJ		
2,4,5-TRICHLOROPHENOL	430 U	480 U	420 U
2,4,6-TRICHLOROPHENOL	430 U	480 U	420 U
2,4-DICHLOROPHENOL	430 U	480 U	420 U
2,4-DIMETHYLPHENOL	430 U	480 U	420 U
2,4-DINITROPHENOL	1000 UJ	1200 UJ	1000 U
2,4-DINITROTOLUENE	430 U	480 U	420 U
2,6-DINITROTOLUENE	430 U	480 U	420 U
2-CHLORONAPHTHALENE	430 U	480 U	420 U
2-CHLOROPHENOL	430 U	480 U	420 U
2-METHYLPHENOL	430 U	480 U	420 U
2-NITROANILINE	1000 U	1200 U	1000 U
2-NITROPHENOL	430 U	480 U	420 U
3,3'-DICHLOROBENZIDINE	430 U	480 U	420 U
3-NITROANILINE	1000 U	1200 U	1000 U
4,6-DINITRO-2-METHYLPHENOL	1000 U	1200 U	1000 U
4-BROMOPHENYL PHENYL ETHER	430 U	480 U	420 U
4-CHLORO-3-METHYLPHENOL	430 U	480 U	420 U
4-CHLOROANILINE	430 U	480 U	420 U
4-CHLOROPHENYL PHENYL ETHER	430 U	480 U	420 U
4-METHYLPHENOL	430 U	480 U	420 U
4-NITROANILINE	1000 U	1200 UJ	1000 U
4-NITROPHENOL	1000 U	1200 UJ	1000 UJ
BIS(2-CHLOROETHOXY)METHANE	430 U	480 U	420 U
BIS(2-CHLOROETHYL)ETHER	430 U	480 U	420 U
BIS(2-CHLOROISOPROPYL) ETHER		480 U	420 U
BIS(2-ETHYLHEXYL)PHTHALATE	430 U	480 U	420 U
BUTYLBENZYL PHTHALATE	430 U	480 U	420 U
CARBAZOLE	430 U	480 U	420 U
DI-N-BUTYL PHTHALATE	430 U	480 U	420 U
DI-N-OCTYL PHTHALATE	430 U	480 U	420 U
DIBENZOFURAN	430 U	480 U	420 U
DIETHYL PHTHALATE	430 U	480 U	420 U
DIMETHYL PHTHALATE	430 U	480 U	420 U

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SAMPLE ID	NTCSD02603	NTCSD02703	NTCSD02803
LAB ID	A9H120141016	A9H110179011	A9H110179012
SAMPLE DATE	8/11/99	8/10/99	8/10/99
SEMIVOLATILES (µg/kg) (Continued)			
HEXACHLOROBENZENE	430 U	480 U	420 U
HEXACHLOROBUTADIENE	430 U	480 U	420 U
HEXACHLOROCYCLOPENTADIENE	430 U	480 UJ	420 UJ
HEXACHLOROETHANE	430 U	480 U	420 U
ISOPHORONE	430 U	480 U	420 U
N-NITROSO-DI-N-PROPYLAMINE	430 U	480 U	420 U
N-NITROSODIPHENYLAMINE	430 U	480 U	420 U
NITROBENZENE	430 U	480 U	420 U
PENTACHLOROPHENOL	1000 U	1200 U	1000 U
PHENOL	430 U	480 U	420 U
PAHs (µg/kg)			
1-METHYLNAPHTHALENE	65 U	72 U	64 U
2-METHYLNAPHTHALENE	65 U	72 U	64 U
ACENAPHTHENE	65 U	72 U	64 U
ACENAPHTHYLENE	65 U	72 U	64 U
ANTHRACENE	65 U	72 U	64 U
BENZO(A)ANTHRACENE	6.5 U	7.2 U	6.4 U
BENZO(A)PYRENE	6.5 U	7.2 U	6.4 U
BENZO(B)FLUORANTHENE	6.5 U	7.2 U	6.4 U
BENZO(G,H,I)PERYLENE	6.5 U	7.2 U	6.4 U
BENZO(K)FLUORANTHENE	6.5 U	7.2 U	6.4 U
CHRYSENE	6.5 U	7.2 U	6.4 U
DIBENZO(A,H)ANTHRACENE	6.5 U	7.2 U	6.4 U
FLUORANTHENE	6.5 U	8.3	6.1 J
FLUORENE	65 U	72 U	64 U
INDENO(1,2,3-CD)PYRENE	6.5 U	7.2 U	6.4 U
NAPHTHALENE	65 U	72 U	64 U
PHENANTHRENE	65 U	72 U	64 U
PYRENE	6.5 U	7.2 U	6.4 U
PESTICIDES/PCBs (µg/kg)			
4,4'-DDD	2.2 U	2.5 UR	2.2 U
4,4'-DDE	2.2 U	2.5 UR	2.2 U
4,4'-DDT	2.2 U	2.5 UR	2.2 U
ALDRIN	2.2 U	2.5 UR	2.2 U
ALPHA-BHC	2.2 U	2.5 UR	2.2 U
ALPHA-CHLORDANE	2.2 U	2.5 UR	2.2 U

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SAMPLE ID	NTCSD02603	NTCSD02703	NTCSD02803
LAB ID	A9H120141016	A9H110179011	A9H110179012
SAMPLE DATE	8/11/99	8/10/99	8/10/99
PESTICIDES/PCBs (µg/kg) (Continued)			
AROCLOR-1016			
AROCLOR-1221			
AROCLOR-1232			
AROCLOR-1242			
AROCLOR-1248			
AROCLOR-1254			
AROCLOR-1260			
BETA-BHC	2.2 U	2.5 UR	2.2 U
DELTA-BHC	2.2 UR	2.5 UR	2.2 U
DIELDRIN	2.2 U	2.5 UR	2.2 U
ENDOSULFAN I	1.3 J	2.5 UR	2.2 U
ENDOSULFAN II	2.2 U	2.5 UR	2.2 U
ENDOSULFAN SULFATE	2.2 UR	2.5 UR	2.2 U
ENDRIN	2.2 U	2.5 UR	2.2 U
ENDRIN ALDEHYDE	2.2 U	2.5 UR	2.2 U
ENDRIN KETONE	2.2 U	2.5 UR	2.2 U
GAMMA-BHC (LINDANE)	2.2 UR	2.5 UR	2.2 U
GAMMA-CHLORDANE	2.2 U	2.5 UR	2.2 U
HEPTACHLOR	2.2 U	2.5 UR	2.2 U
HEPTACHLOR EPOXIDE	2.2 U	2.5 UR	2.2 U
METHOXYCHLOR	4.3 U	4.8 UR	4.2 U
TOXAPHENE	88 U	97 UR	86 U
HERBICIDES (µg/kg)			
2,4,5-T	26 U	29 U	26 U
2,4,5-TP (SILVEX)	26 U	29 U	26 U
2,4-D	100 U	120 U	100 U
2,4-DB	100 U	120 U	100 U
DALAPON	52 U	58 UJ	8.8 J
DICAMBA	52 U	58 U	51 U
DICHLORPROP	100 U	120 U	100 U
DINOSEB	16 U	17 U	15 U
MCPA	10000 U	12000 UJ	10000 UJ
MCPP	27000 R	12000 UJ	10000 UJ

Blank ce ɜmical not analyzed

PHASE III SEDIMENT SAMPLES

SAMPLE ID	NTCSD02603	NTCSD02703	NTCSD02803
LAB ID	A9H120141016	A9H110179011	A9H110179012
SAMPLE DATE	8/11/99	8/10/99	8/10/99
INORGANICS (mg/kg)			
ALUMINUM	1690	2130	696
ANTIMONY	0.29 U	0.32 U	0.28 U
ARSENIC	0.3 U	0.43	0.3 U
BARIUM	4.5	14.5	5.2
BERYLLIUM	0.04 U	0.08 U	0.08 U
CADMIUM	0.03 U	0.03 U	0.03 U
CALCIUM	71.2 U	2150 J	464 U
CHROMIUM	2.3	2.8	1.8
COBALT	0.08 U	0.09 U	0.08 U
COPPER	0.69	2	0.61 U
IRON	179 J	357	1360
LEAD	3.4	14.4 J	1.5 J
MAGNESIUM	15.8 U	73.7	39.4 U
MANGANESE	0.79 U	6.6 U	2.4 U
MERCURY	0.05 U	0.02 U	0.02 U
NICKEL	0.57 U	1.4 U	0.54 U
POTASSIUM	35.4 U	23.8 U	35.6 U
SELENIUM	0.46 U	0.51 U	0.45 U
SILVER	0.08 U	0.09 U	0.08 U
SODIUM	82 U	271 U	276 U
THALLIUM	0.08 UJ	0.09 UJ	0.08 UJ
VANADIUM	1.1	2.3	3.9
ZINC	2.7	15.7	11.2
PETROLEUM HYDROCARBONS (mg/kg)			
TPH C8-C40	40	30	24
RADIONUCLIDES (pCi/g)			
GROSS ALPHA	5.1	2.2 U	2.4
GROSS BETA	2.9	3.5 U	2.2

Blank cell - chemical not analyzed

FIGURE B-1
ALUMINUM IN GROUNDWATER - PHASE III
OPERABLE UINT 2
NTC ORLANDO, FLORIDA

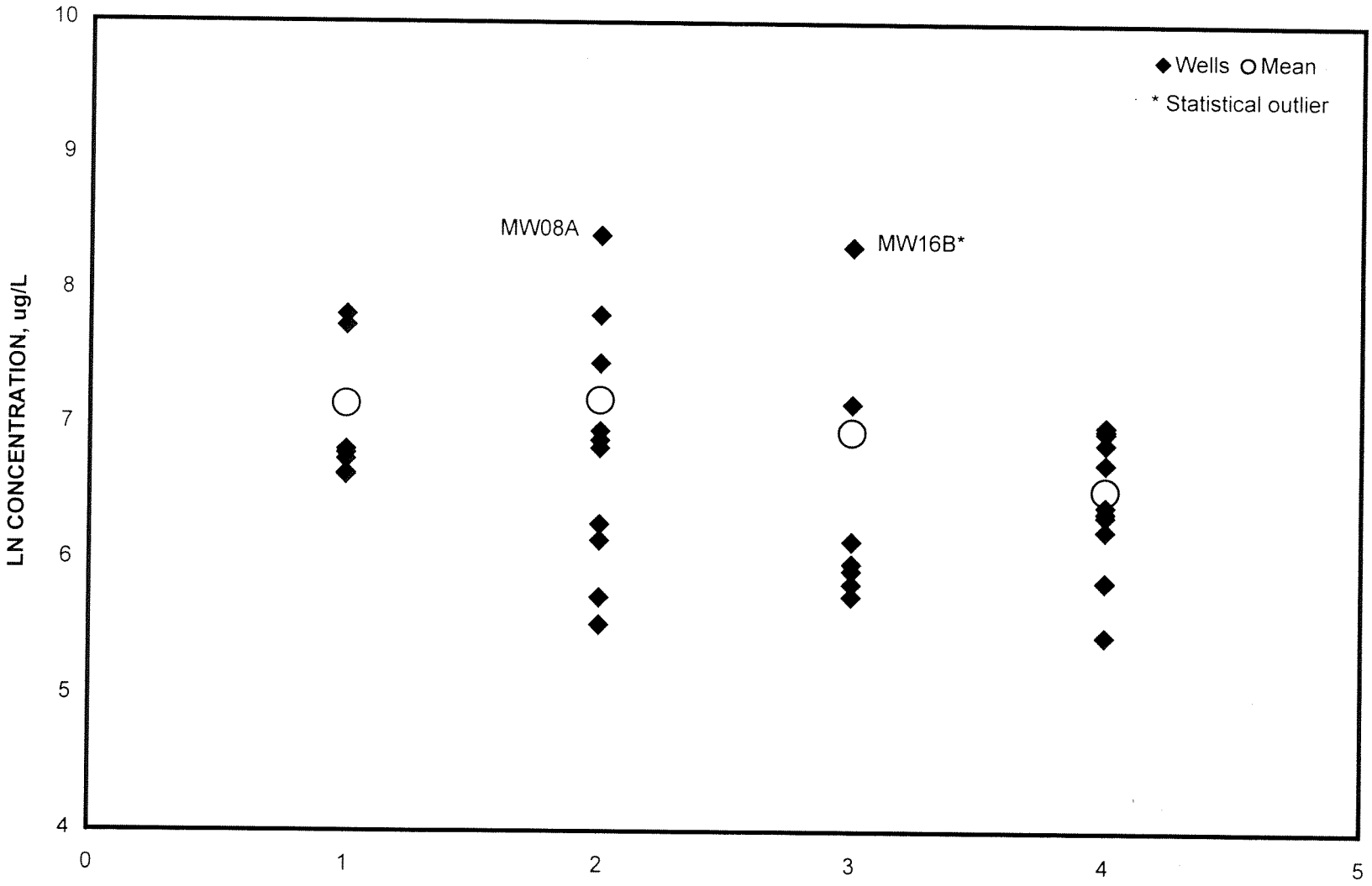


FIGURE B-2
ANTIMONY IN GROUNDWATER - PHASE III
OPERABLE UINT 2
NTC ORLANDO, FLORIDA

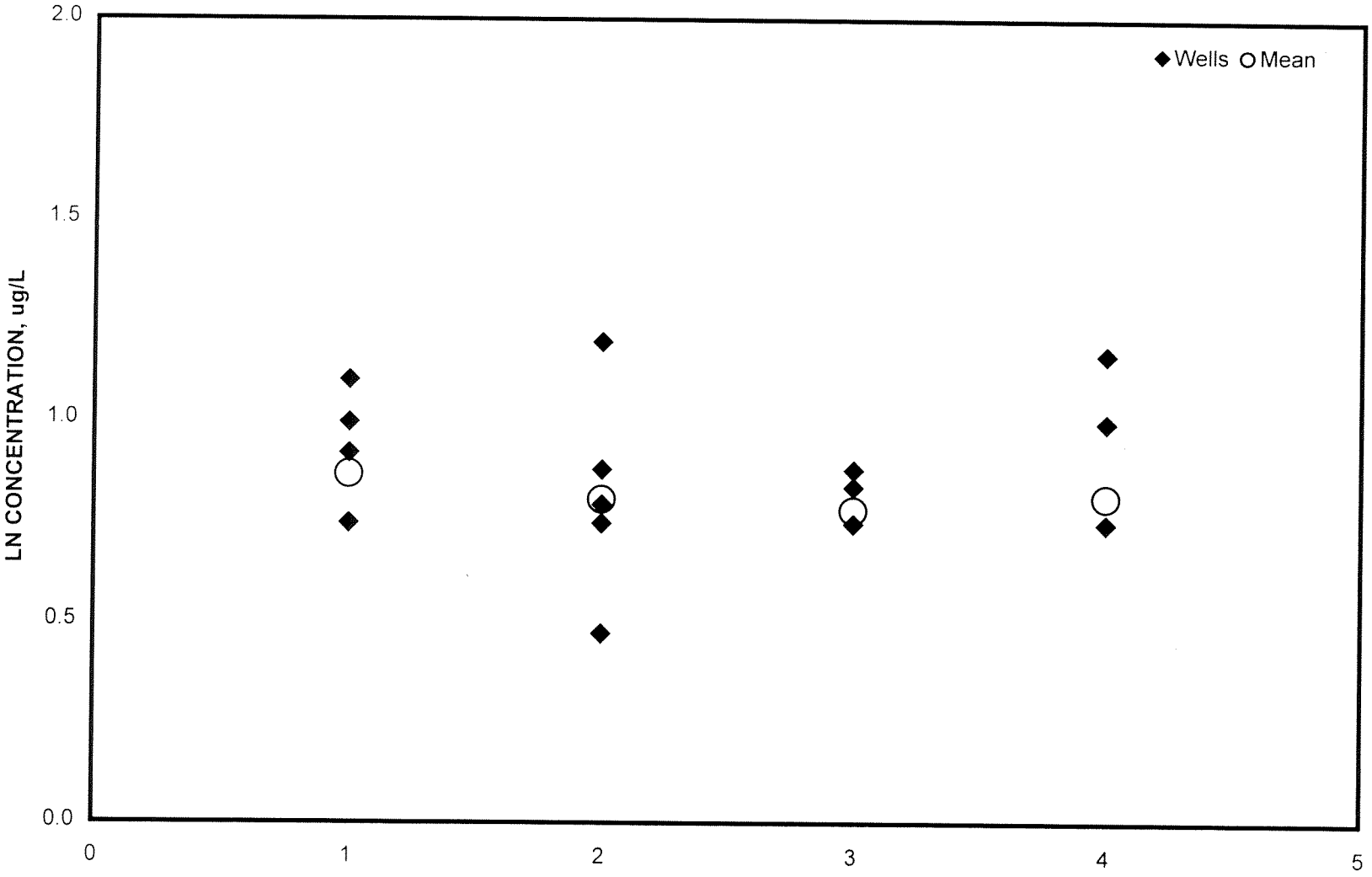
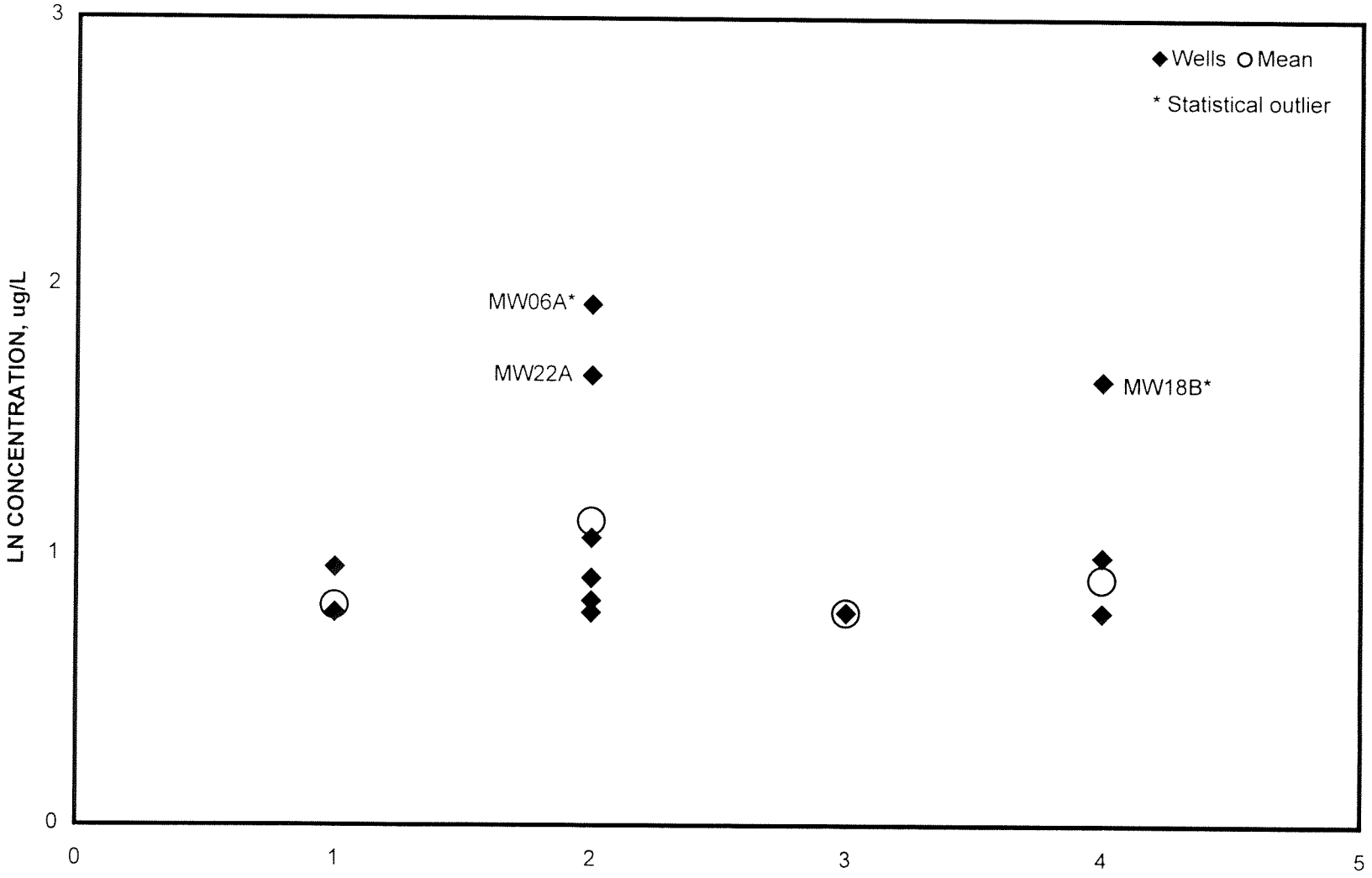


FIGURE B-3
ARSENIC IN GROUNDWATER - PHASE III
OPERABLE UINT 2
NTC ORLANDO, FLORIDA



1 = Off-Site, Shallow; 2 = On-Site, Shallow; 3 = Off-Site, Intermediate; 4 = On-Site, Intermediate

FIGURE B-4
BARIUM IN GROUNDWATER - PHASE III
OPERABLE UINT 2
NTC ORLANDO, FLORIDA

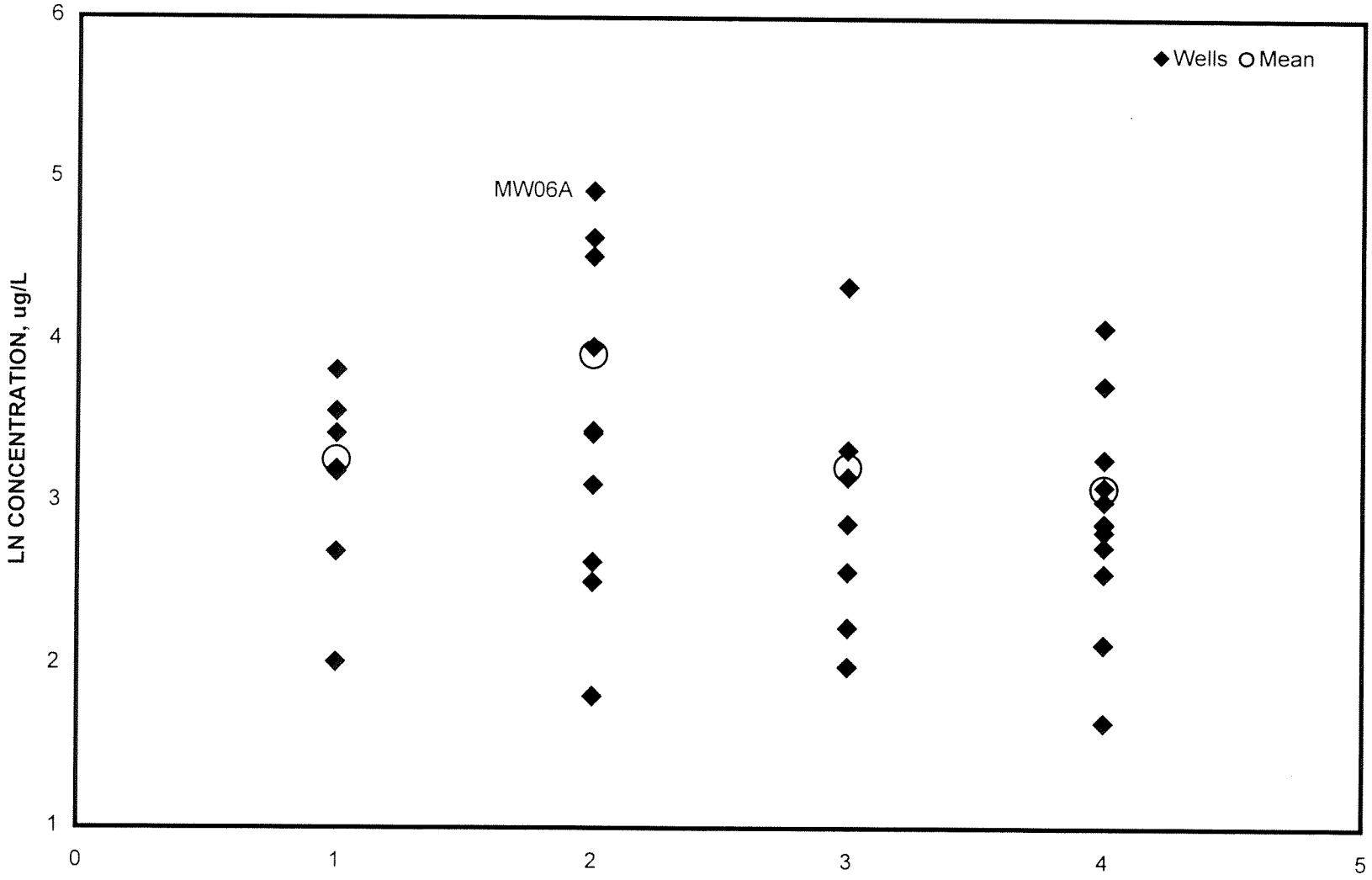


FIGURE B-5
CALCIUM IN GROUNDWATER - PHASE III
OPERABLE UINT 2
NTC ORLANDO, FLORIDA

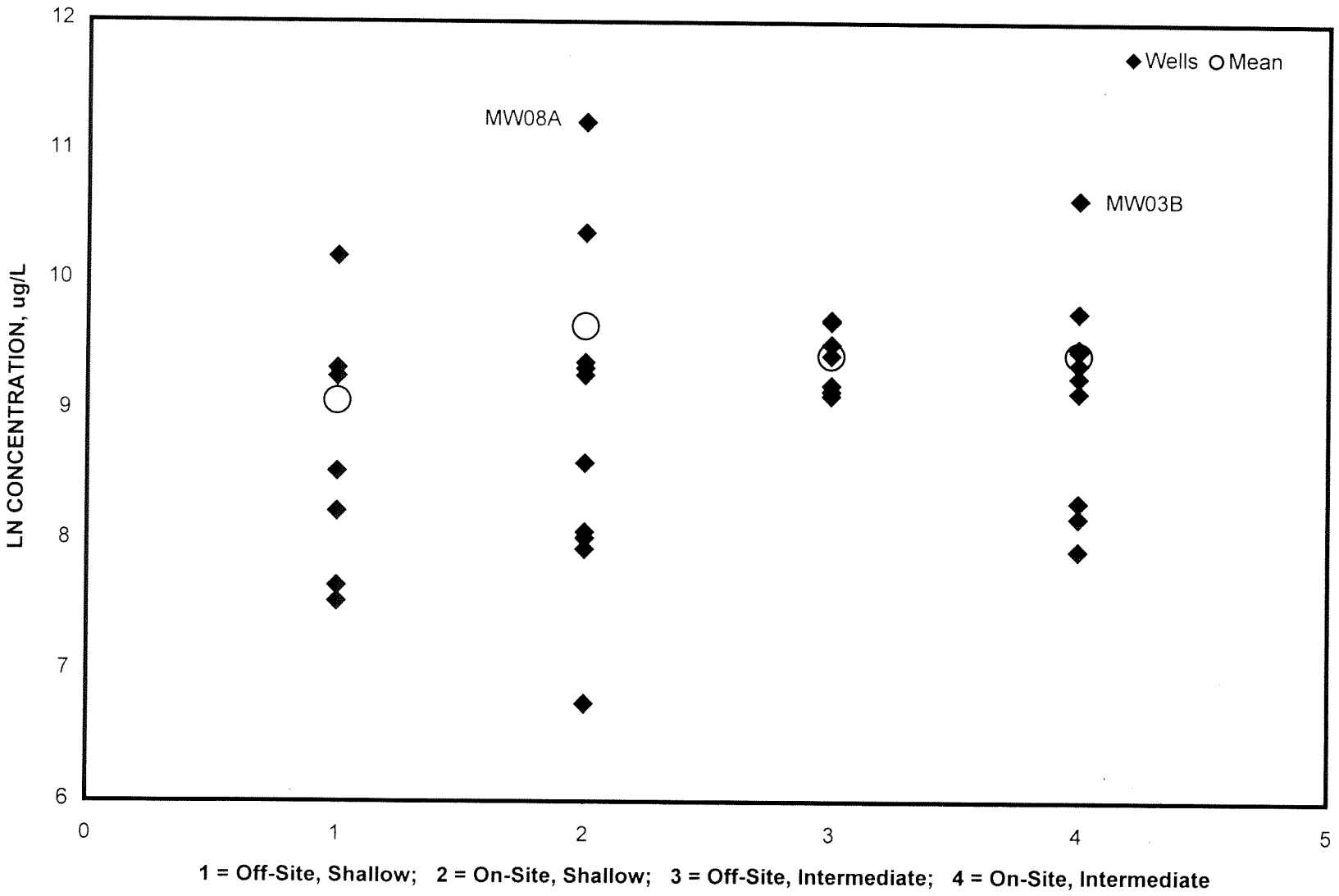


FIGURE B-6
COBALT IN GROUNDWATER - PHASE III
OPERABLE UINT 2
NTC ORLANDO, FLORIDA

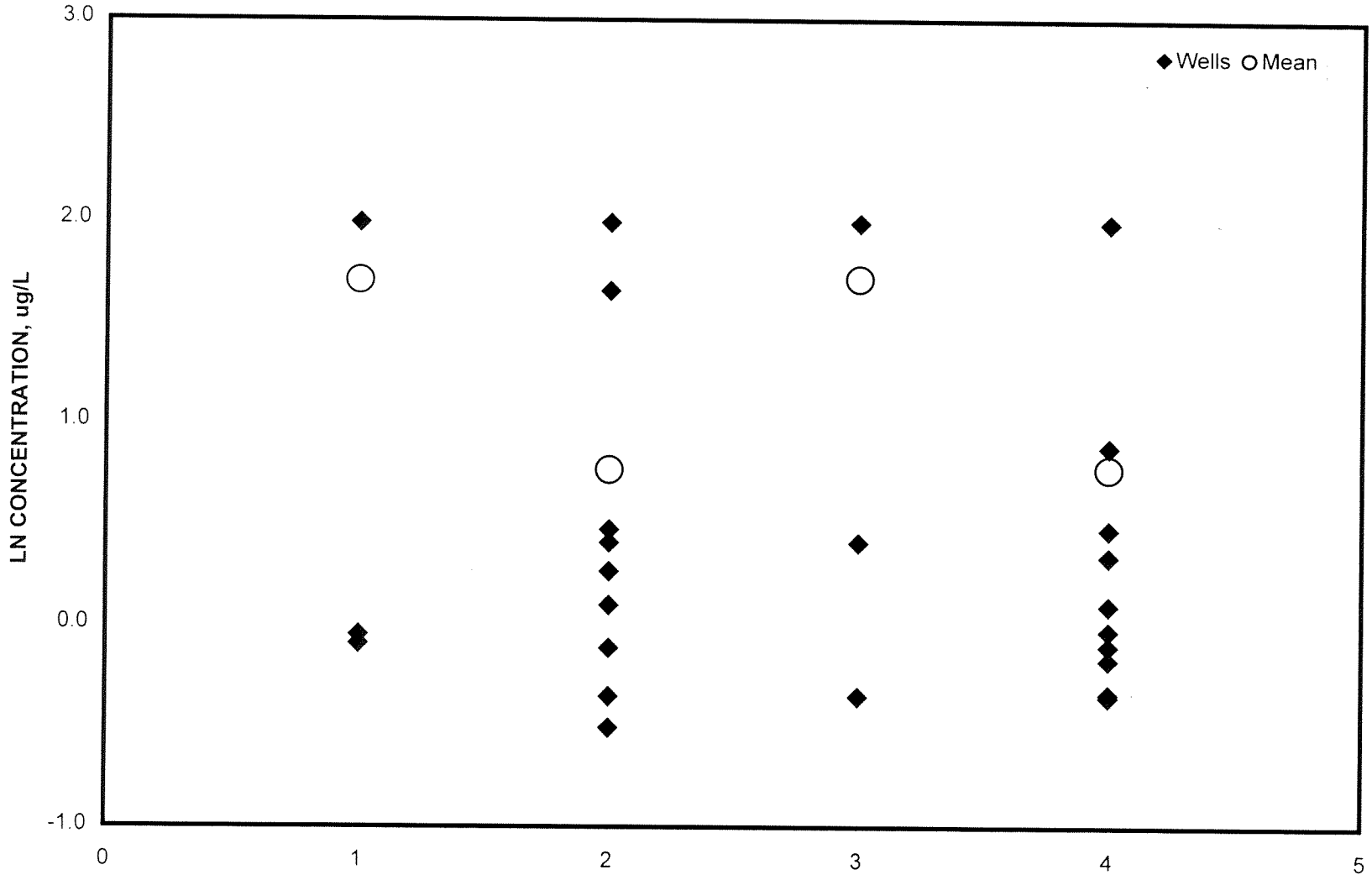


FIGURE B-7
COPPER IN GROUNDWATER - PHASE III
OPERABLE UINT 2
NTC ORLANDO, FLORIDA

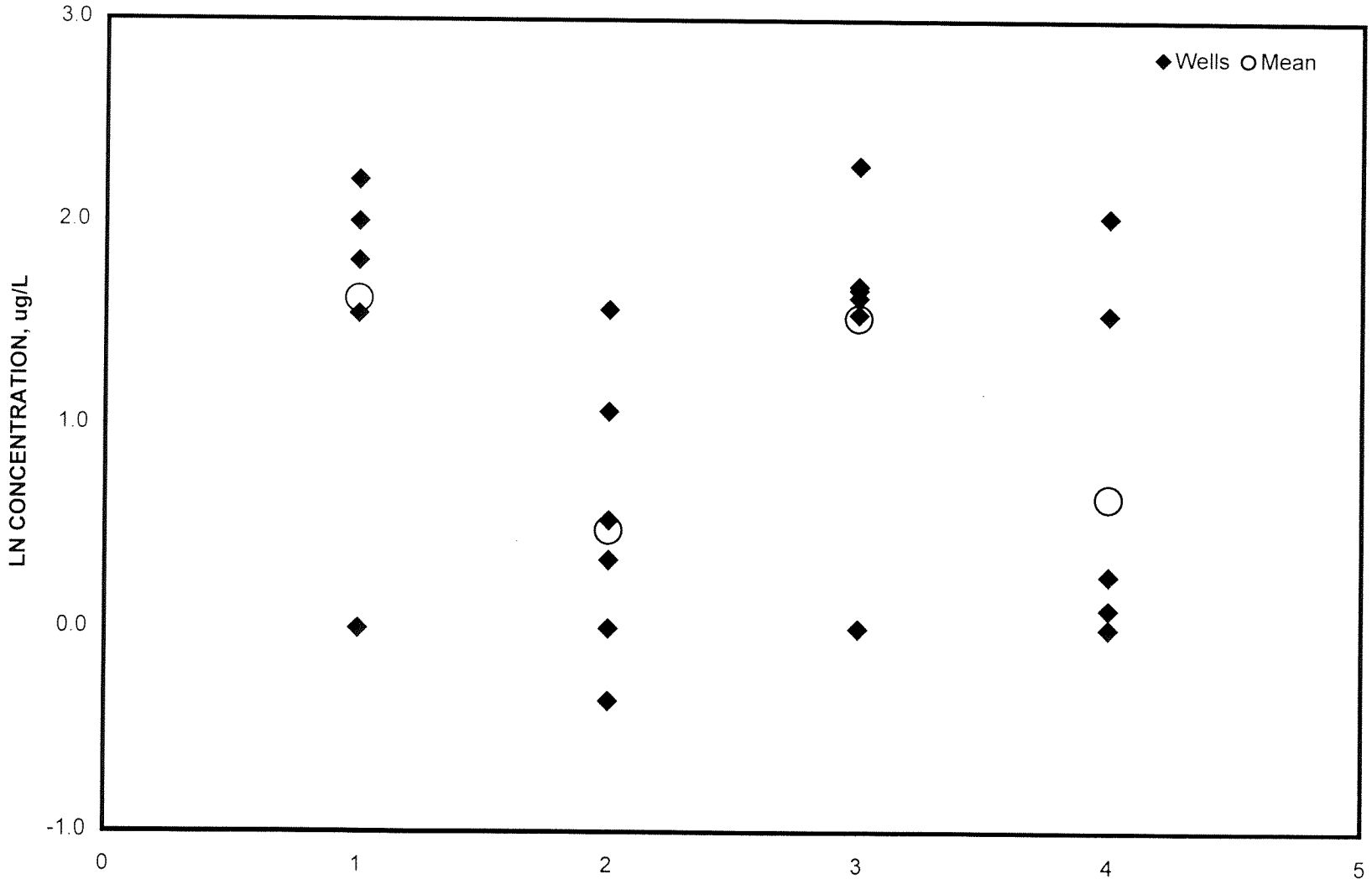


FIGURE B-8
IRON IN GROUNDWATER - PHASE III
OPERABLE UINT 2
NTC ORLANDO, FLORIDA

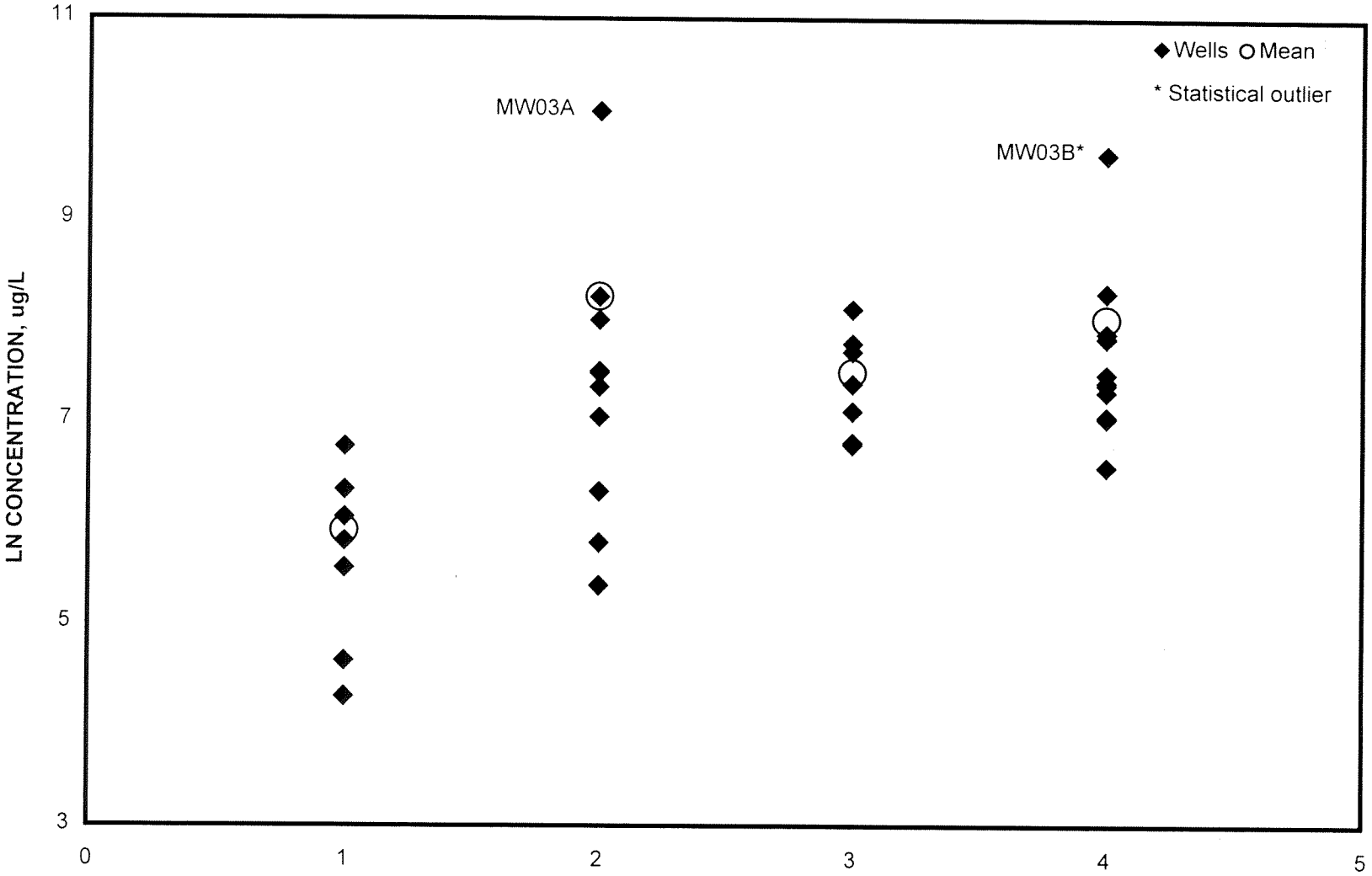
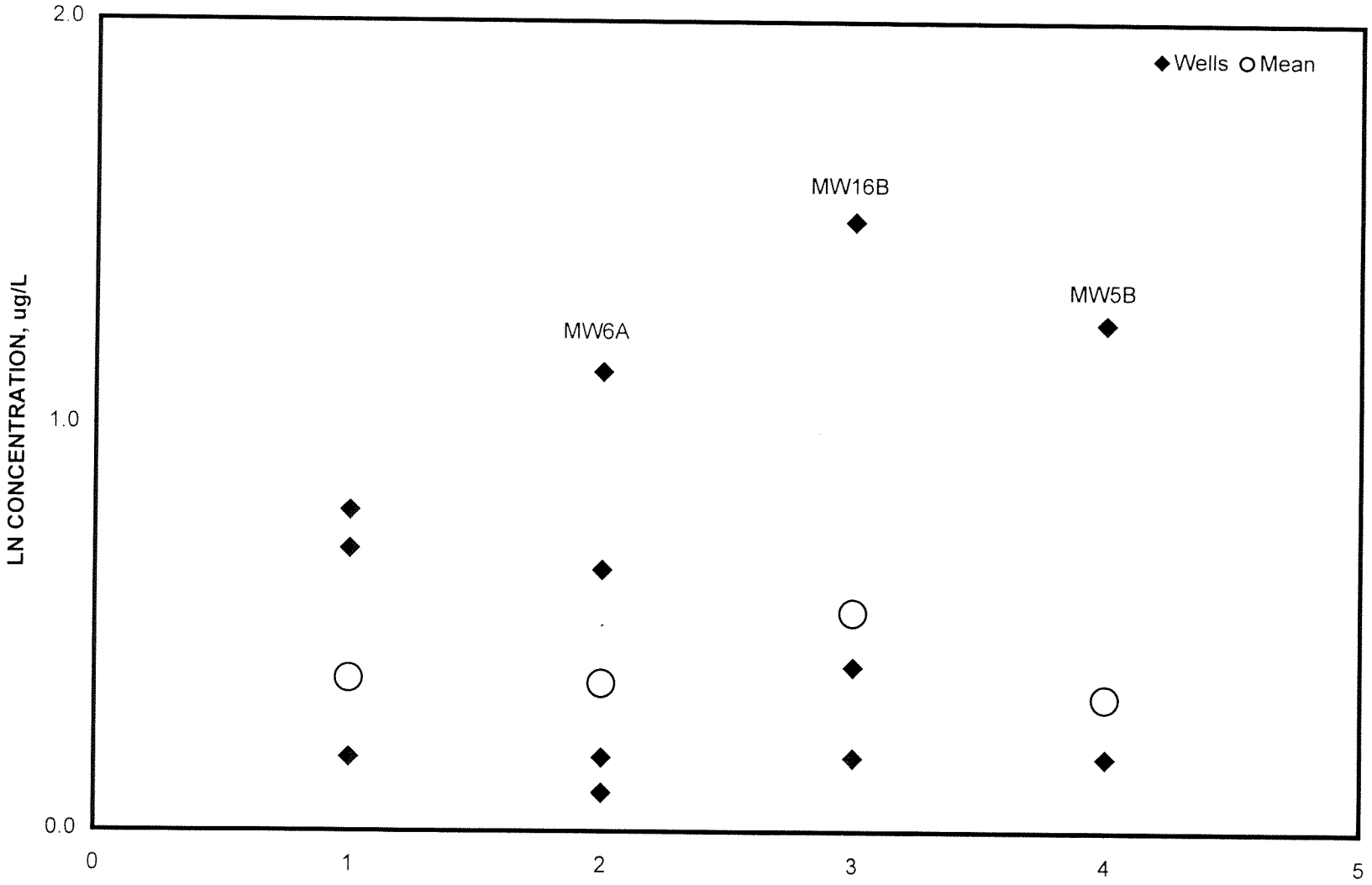
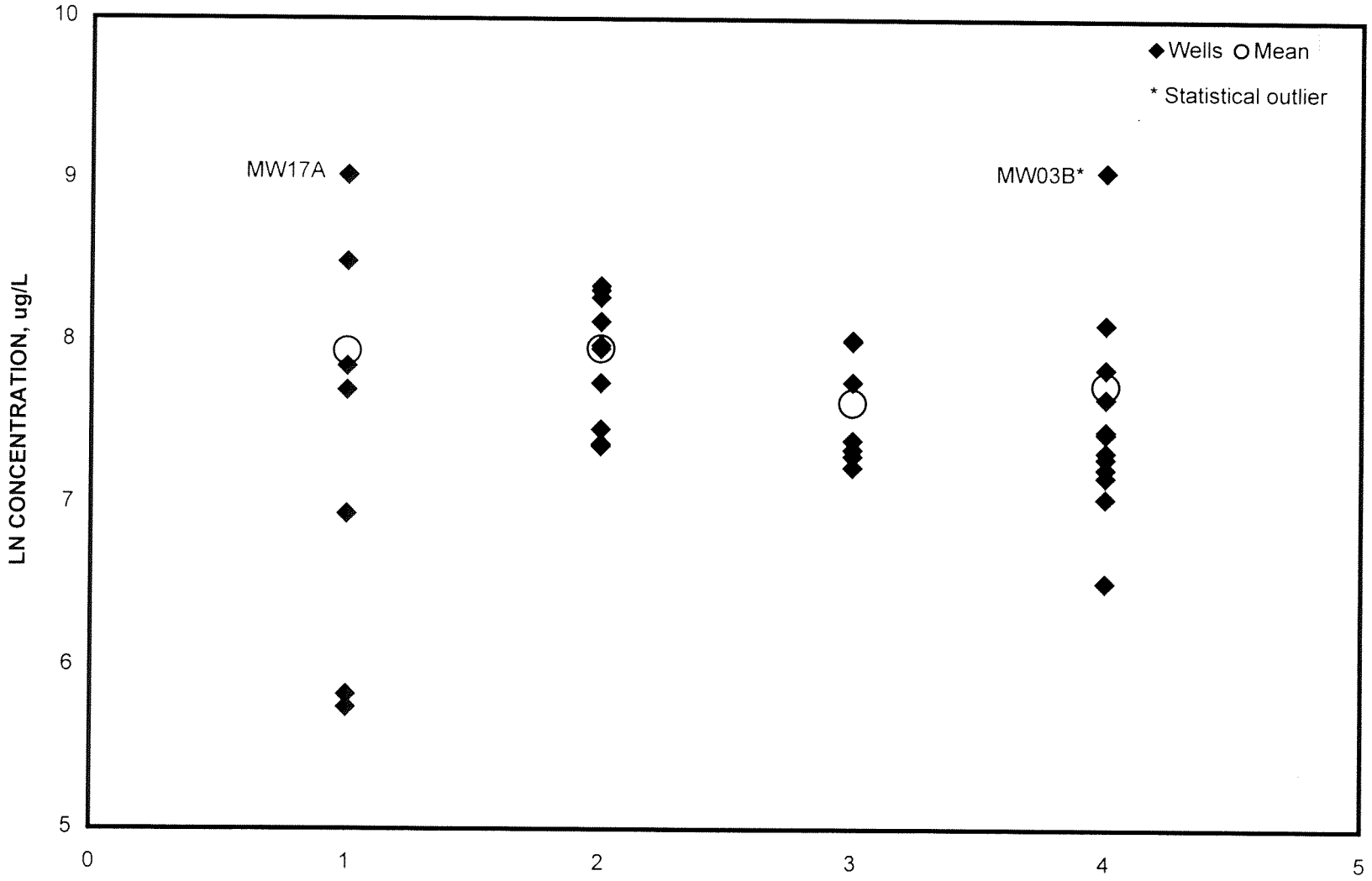


FIGURE B-9
LEAD IN GROUNDWATER - PHASE III
OPERABLE UINT 2
NTC ORLANDO, FLORIDA



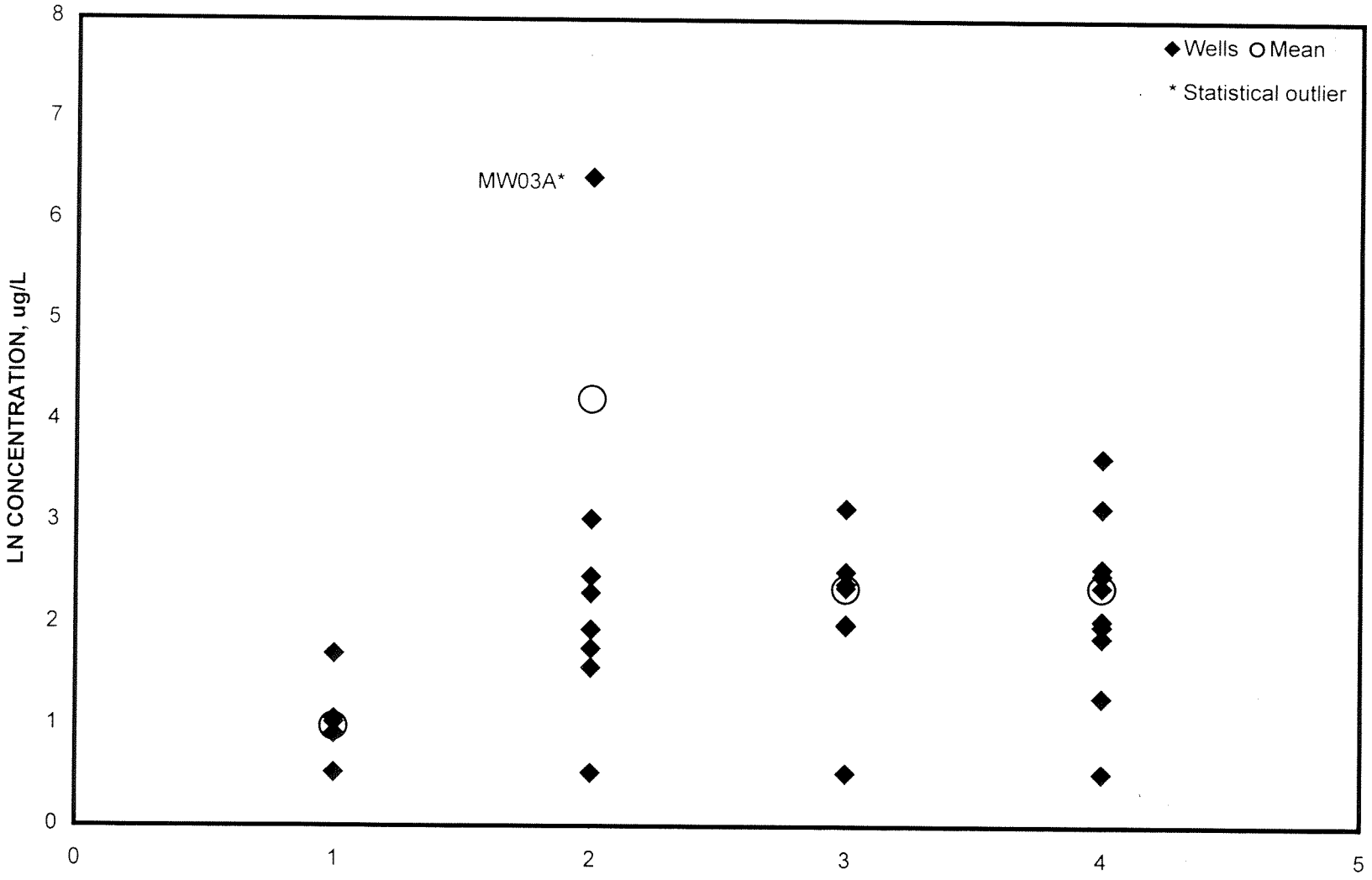
1 = Off-Site, Shallow; 2 = On-Site, Shallow; 3 = Off-Site, Intermediate; 4 = On-Site, Intermediate

FIGURE B-10
MAGNESIUM IN GROUNDWATER - PHASE III
OPERABLE UINT 2
NTC ORLANDO, FLORIDA



1 = Off-Site, Shallow; 2 = On-Site, Shallow; 3 = Off-Site, Intermediate; 4 = On-Site, Intermediate

FIGURE B-11
MANGANESE IN GROUNDWATER - PHASE III
OPERABLE UINT 2
NTC ORLANDO, FLORIDA



1 = Off-Site, Shallow; 2 = On-Site, Shallow; 3 = Off-Site, Intermediate; 4 = On-Site, Intermediate

FIGURE B-12
NICKEL IN GROUNDWATER - PHASE III
OPERABLE UINT 2
NTC ORLANDO, FLORIDA

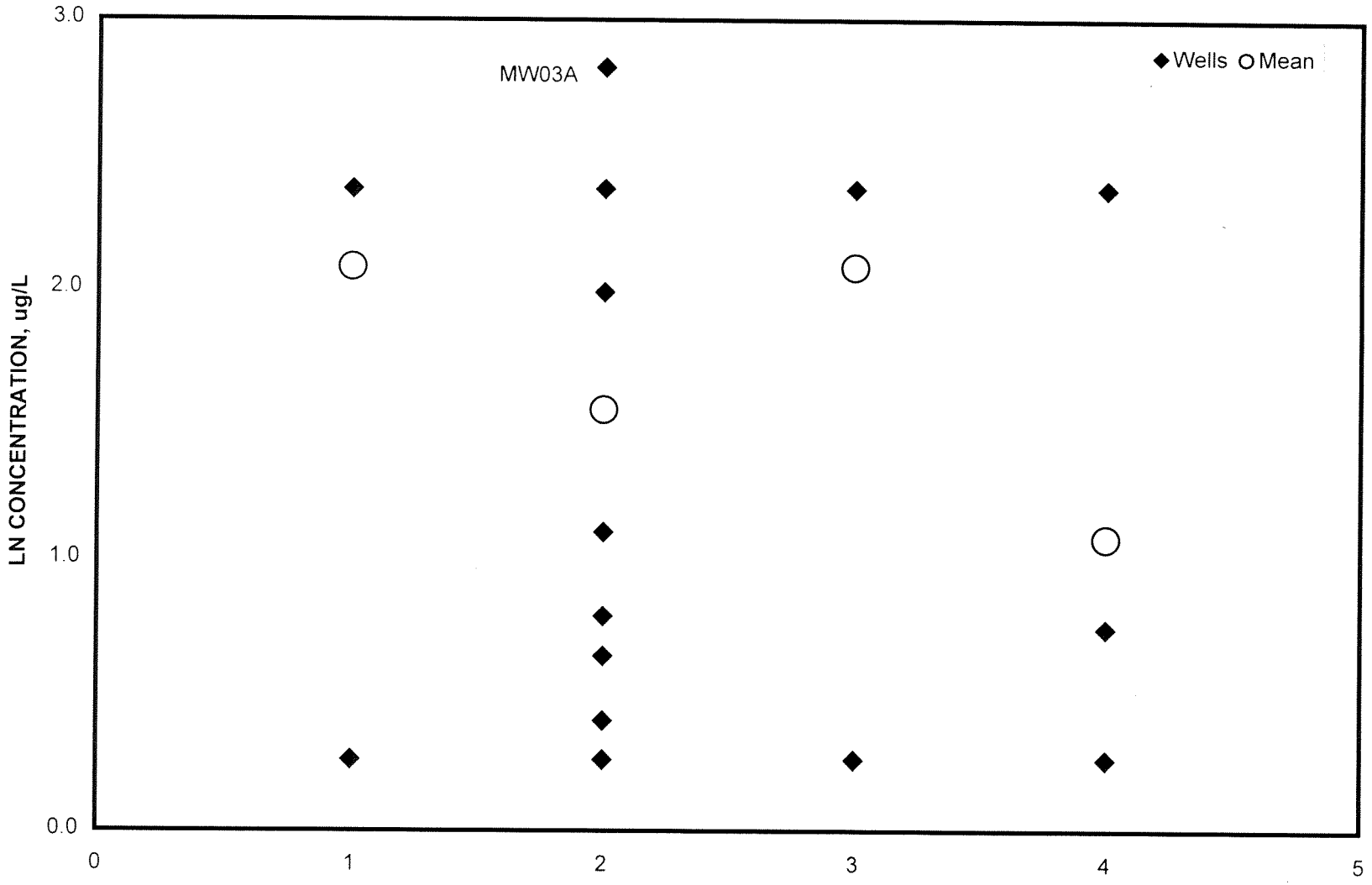


FIGURE B-13
POTASSIUM IN GROUNDWATER - PHASE III
OPERABLE UINT 2
NTC ORLANDO, FLORIDA

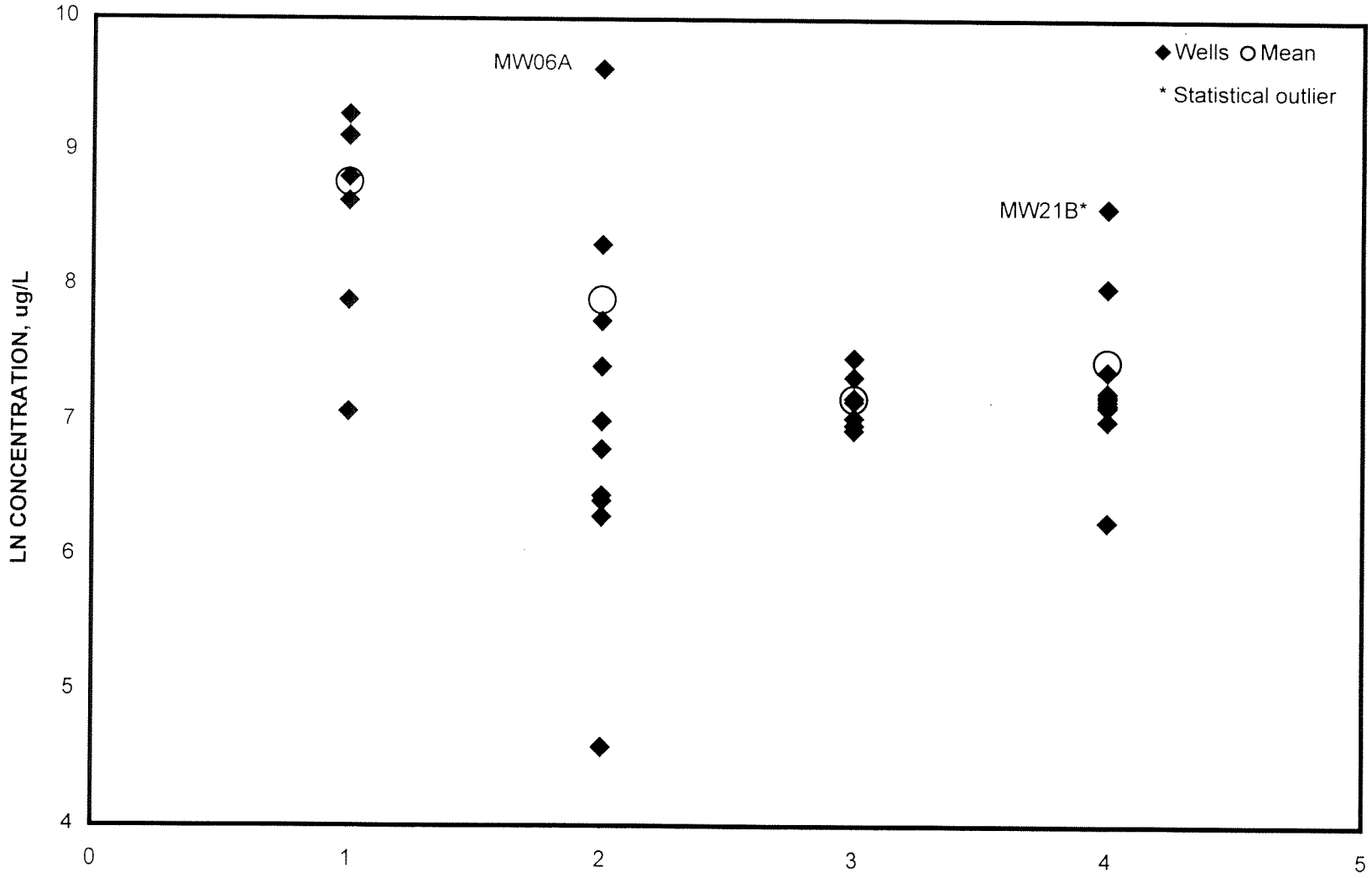
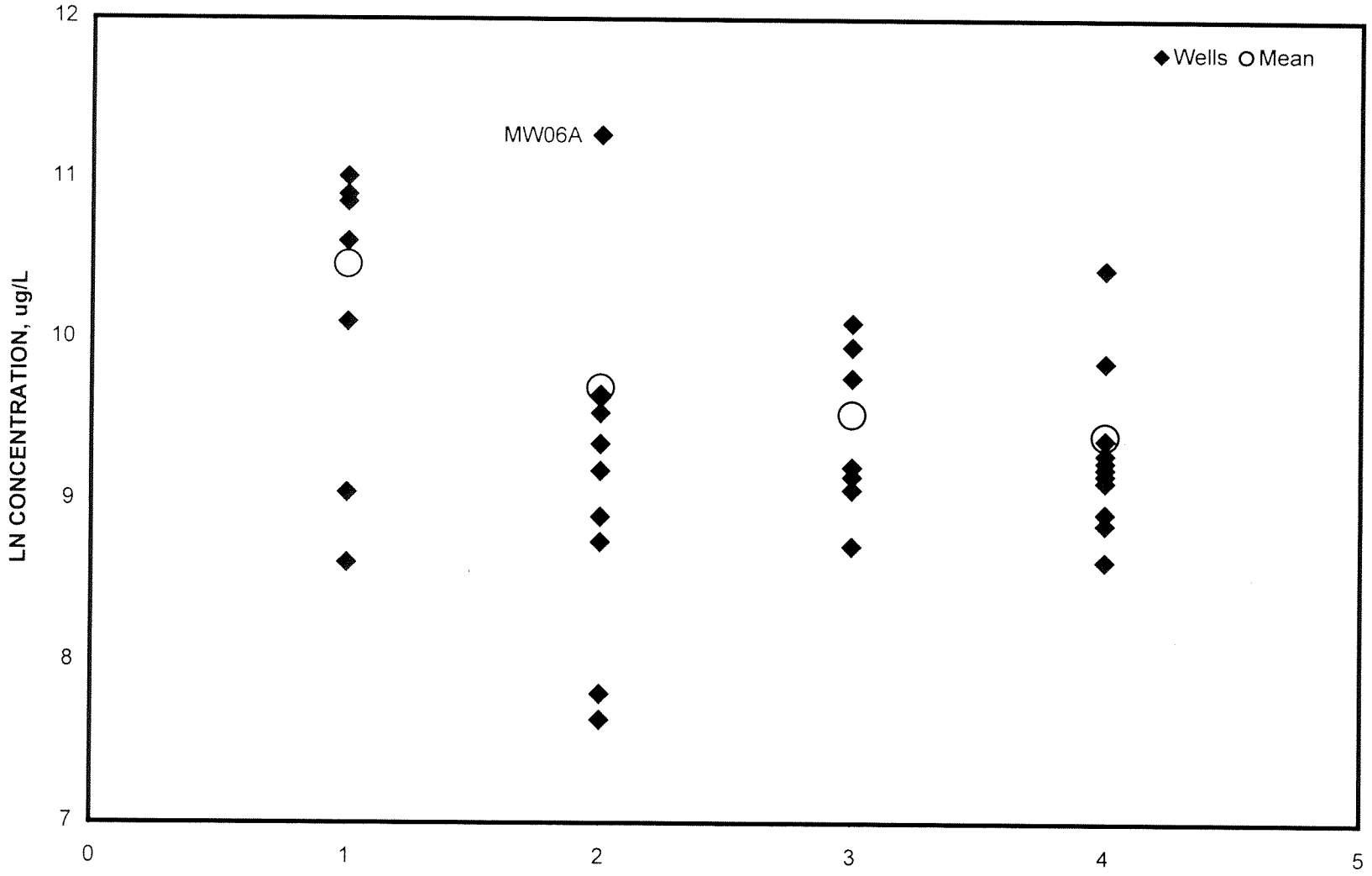
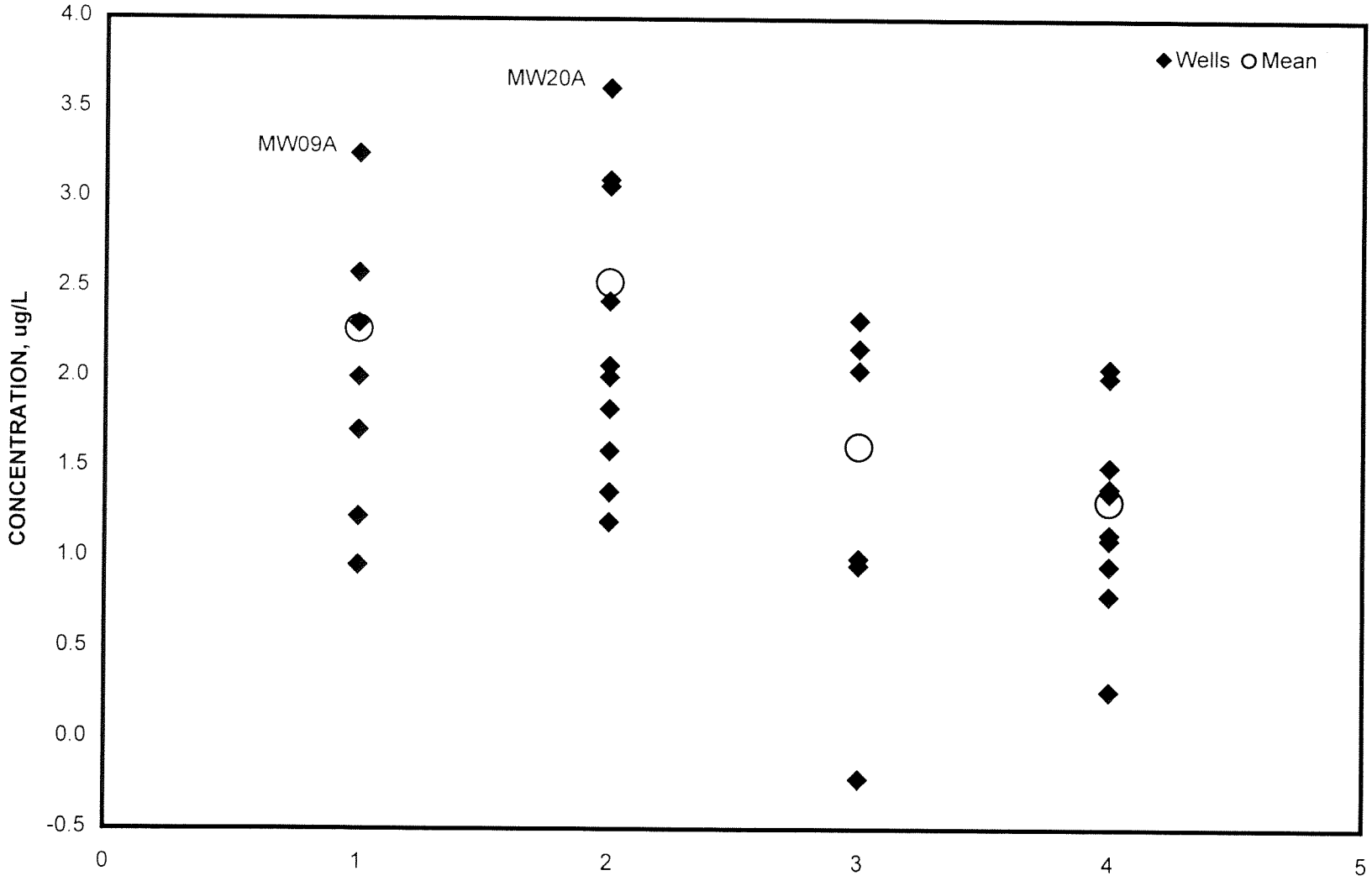


FIGURE B-14
SODIUM IN GROUNDWATER - PHASE III
OPERABLE UINT 2
NTC ORLANDO, FLORIDA



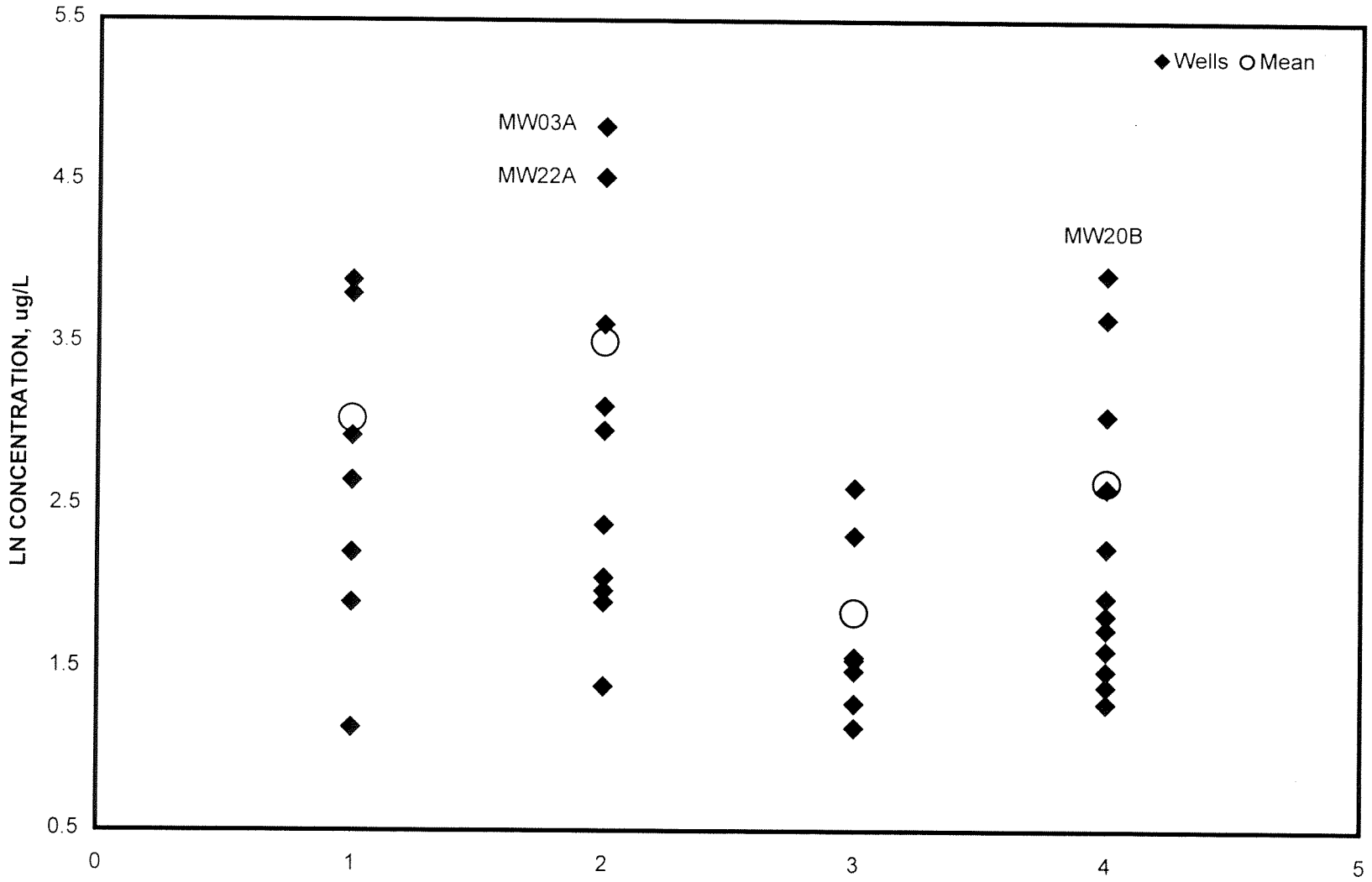
1 = Off-Site, Shallow; 2 = On-Site, Shallow; 3 = Off-Site, Intermediate; 4 = On-Site, Intermediate

FIGURE B-15
VANADIUM IN GROUNDWATER - PHASE III
OPERABLE UINT 2
NTC ORLANDO, FLORIDA



1 = Off-Site, Shallow; 2 = On-Site, Shallow; 3 = Off-Site, Intermediate; 4 = On-Site, Intermediate

FIGURE B-16
ZINC IN GROUNDWATER - PHASE III
OPERABLE UINT 2
NTC ORLANDO, FLORIDA



1 = Off-Site, Shallow; 2 = On-Site, Shallow; 3 = Off-Site, Intermediate; 4 = On-Site, Intermediate

TTEST (Microsoft Excel 97 SR-2)

Returns the probability associated with a Student's t-Test. Use TTEST to determine whether two samples are likely to have come from the same two underlying populations that have the same mean.

Syntax

TTEST(array1,array2,tails,type)

Array1 is the first data set.

Array2 is the second data set.

Tails specifies the number of distribution tails. If tails = 1, TTEST uses the one-tailed distribution. If tails = 2, TTEST uses the two-tailed distribution.

Type is the kind of t-Test to perform.

If type equals	This test is performed
1	Paired
2	Two-sample equal variance (homoscedastic)
3	Two-sample unequal variance (heteroscedastic)

Remarks

If array1 and array2 have a different number of data points, and type = 1 (paired), then TTEST returns the #N/A error value.
The tails and type arguments are truncated to integers.
If tails or type is nonnumeric, TTEST returns the #VALUE! error value.
If tails is any value other than 1 or 2, TTEST returns the #NUM! error value.

Example

TTEST({3,4,5,8,9,1,2,4,5},{6,19,3,2,14,4,5,17,1},2,1)
equals 0.196016

STATISTICAL ANALYSES OF GROUNDWATER PHASE III SAMPLE RESULTS

TRANSFORMED DATA ANAYLSIS
(Natural Log of Data Used)

STATISTICAL ANALYSIS OF OU2 GROUNDWATER - 1999
INORGANICS, OFF-SITE AND ON-SITE WELLS

SHALLOW WELLS (a)
LN-Transformed Data

Test for Maximum Concentration as an Outlier (b)

	Max.	Mean	Std.Dev	n =	Tn =	for 5% signif., Tn =	Outlier Y / N	for 2.5% signif., Tn =	Outlier Y / N
ALUMINUM	8.4	6.9	0.8	17	1.98	2.475	No	2.62	No
ANTIMONY*									
ARSENIC	1.9	0.9	0.3	17	2.95	2.475	Yes	2.62	Yes
BARIUM	4.9	3.3	0.9	17	1.82	2.475	No	2.62	No
BERYLLIUM*									
CADMIUM*									
CALCIUM	11.2	8.8	1.1	17	2.11	2.475	No	2.62	No
CHROMIUM*									
COBALT	2.0	0.8	1.0	17	1.17	2.475	No	2.62	No
COPPER	2.2	0.7	0.9	17	1.63	2.475	No	2.62	No
IRON	10.1	6.6	1.4	17	2.42	2.475	No	2.62	No
LEAD	1.1	0.3	0.3	17	2.71	2.475	Yes	2.62	Yes
MAGNESIUM	9.0	7.7	0.9	17	1.56	2.475	No	2.62	No
MANGANESE	6.4	1.6	1.5	17	3.27	2.475	Yes	2.62	Yes
MERCURY*									
NICKEL	2.8	1.4	1.0	17	1.43	2.475	No	2.62	No
POTASSIUM	9.6	7.7	1.4	17	1.43	2.475	No	2.62	No
SELENIUM*									
SILVER*									
SODIUM	11.3	9.6	1.1	17	1.55	2.475	No	2.62	No
THALLIUM*									
VANADIUM	3.6	2.1	0.8	17	1.89	2.475	No	2.62	No
ZINC	4.8	2.8	1.1	17	1.92	2.475	No	2.62	No

(a) Includes both off-site and on-site wells.

(b) Statistical Analysis of Ground-Water Monitoring Data at RCRA Facilities, EPA/530-SW-89-026, April 1989.

* All on-site samples are non-detect.

STATISTICAL ANALYSIS OF OU2 GROUNDWATER - 1999
INORGANICS, OFF-SITE AND ON-SITE WELLS

INTERMEDIATE WELLS (a)
LN-Transformed Data

Test for Maximum Concentration as an Outlier (b)

	Max.	Mean	Std.Dev	n =	Tn =	for 5% signif., Tn =	Outlier Y / N	for 2.5% signif., Tn =	Outlier Y / N
ALUMINUM	8.33	6.43	0.68	19	2.79	2.532	Yes	2.681	Yes
ANTIMONY*									
ARSENIC	1.65	0.84	0.20	19	4.01	2.532	Yes	2.681	Yes
BARIUM	4.33	2.91	0.68	19	2.10	2.532	No	2.681	No
BERYLLIUM*									
CADMIUM*									
CALCIUM	10.63	9.26	0.61	19	2.24	2.532	No	2.681	No
CHROMIUM*									
COBALT	1.99	0.76	1.02	19	1.21	2.532	No	2.681	No
COPPER	2.28	0.68	0.88	19	1.83	2.532	No	2.681	No
IRON	9.65	7.54	0.69	19	3.04	2.532	Yes	2.681	Yes
LEAD*									
MAGNESIUM	9.06	7.53	0.53	19	2.86	2.532	Yes	2.681	Yes
MANGANESE	3.65	2.00	0.94	19	1.76	2.532	No	2.681	No
MERCURY*									
NICKEL*									
POTASSIUM	8.59	7.23	0.46	19	2.96	2.532	Yes	2.681	Yes
SELENIUM*									
SILVER*									
SODIUM	10.44	9.33	0.48	19	2.30	2.532	No	2.681	No
THALLIUM*									
VANADIUM	2.32	1.24	0.66	19	1.64	2.532	No	2.681	No
ZINC	3.93	2.04	0.81	19	2.34	2.532	No	2.681	No

(a) Includes both off-site and on-site wells.

(b) Statistical Analysis of Ground-Water Monitoring Data at RCRA Facilities, EPA/530-SW-89-026, April 1989.

* All on-site samples are non-detect.

STATISTICAL ANALYSIS OF OU 2 GROUNDWATER - 1999
INORGANICS, OFF-SITE VS. ON-SITE

SHALLOW WELLS
LN-Transformed Data

t-Test for Difference Between Sample Means (a)

	No. of Off-Site Wells n1 =	*No. of On-Site Wells n2 =*	*No. of Off-Site Detects*	*No. of On-Site Detects*	*Off-Site Sample Mean (b)*	*On-Site Sample Mean (b)*	*T-Test Probability P =*	*Is Difference Significant ? Yes / No (c)*
ALUMINUM	7	10	7	10	1,281	1,324	0.27	No
ANTIMONY	7	10	2	0	2.4	2	0.21	(d)
ARSENIC	7	10	1	4	2.3	3	0.06	No
BARIUM	7	10	5	7	26	50	0.18	No
BERYLLIUM*	7	10	0	0	--	--	--	--
CADMIUM*	7	10	0	0	--	--	--	--
CALCIUM	7	10	4	10	8,704	15,513	0.35	No
CHROMIUM*	7	10	0	0	--	--	--	--
COBALT	7	10	0	2	5.5	2	0.03	(d)
COPPER	7	10	0	2	5.1	2	0.01	(d)
IRON	7	10	5	10	370	3,779	0.00	Yes
LEAD	7	10	0	1	1.5	1	0.40	No
MAGNESIUM	7	10	5	10	2,807	2,854	0.16	No
MANGANESE	7	10	0	3	2.7	68	0.03	Yes
MERCURY*	7	10	0	0	--	--	--	--
NICKEL	7	10	0	3	8.0	5	0.10	(d)
POTASSIUM	7	10	5	8	6,440	2,700	0.01	(d)
SELENIUM*	7	10	0	0	--	--	--	--
SILVER*	7	10	0	0	--	--	--	--
SODIUM	7	10	5	9	35,044	16,285	0.03	(d)
THALLIUM*	7	10	0	0	--	--	--	--
VANADIUM	7	10	1	5	9.7	13	0.29	No
ZINC	7	10	0	3	21	33	0.34	No

* All samples non-detect.

(a) Calculated using EXCEL Version 97 SR-2, TTEST function, one-tailed, unequal variance.

(b) All non-rejected data values included in calculation.

(c) Critical value of P = 0.05

(d) Off-site sample mean is greater than on-site sample mean.

Shaded cell - statistical inference of contaminant presence in groundwater.

STATISTICAL ANALYSIS OF OU 2 GROUNDWATER - 1999
INORGANICS, OFF-SITE VS. ON-SITE

INTERMEDIATE WELLS
LN-Transformed Data

t-Test for Difference Between Sample Means (a)

	No. of Off-Site Wells n1 =	*No. of On-Site Wells n2 =*	*No. of Off-Site Detects*	*No. of On-Site Detects*	*Off-Site Sample Mean (b)*	*On-Site Sample Mean (b)*	*T-Test Probability P =*	*Is Difference Significant ? Yes / No (c)*
ALUMINUM	7	12	5	10	1048	684	0.47	No
ANTIMONY	7	12	2	0	2.2	2.2	0.30	No
ARSENIC	7	12	0	2	2.2	2.5	0.12	No
BARIUM	7	12	3	10	25.0	22.0	0.47	(d)
BERYLLIUM*	7	12	0	0	0.5	0.4	--	--
CADMIUM*	7	12	0	0	0.3	0.2	--	--
CALCIUM	7	12	7	11	12379	12522	0.19	No
CHROMIUM	7	12	1	0	1.8	1.7	0.26	(d)
COBALT	7	12	0	1	5.5	2.2	0.02	(d)
COPPER	7	12	1	1	4.6	1.9	0.02	(d)
IRON	7	12	7	12	1781	3041	0.20	No
LEAD*	7	12	0	0	1.7	1.4	--	--
MAGNESIUM	7	12	7	12	2053	2286	0.38	No
MANGANESE	7	12	1	6	10.5	10.6	0.31	No
MERCURY*	7	12	0	0	0.1	0.1	--	--
NICKEL*	7	12	0	0	8.0	2.9	--	--
POTASSIUM	7	12	2	10	1301	1718	0.24	No
SELENIUM*	7	12	0	0	2.6	2.7	--	--
SILVER*	7	12	0	0	0.9	0.9	--	--
SODIUM	7	12	2	10	13834	12122	0.28	(d)
THALLIUM*	7	12	0	0	1.3	0.8	--	--
VANADIUM	7	12	0	3	5.0	3.7	0.37	(d)
ZINC	7	12	0	1	6.3	14.1	0.07	No

* All samples non-detect.

(a) Calculated using EXCEL Version 97 SR-2, TTEST function, one-tailed, unequal variance.

(b) All non-rejected data values included in calculation.

(c) Critical value of P = 0.05

(d) Off-site sample mean is greater than on-site sample mean.

Shaded cell - statistical inference of contaminant presence in groundwater.

STATISTICAL ANALYSIS OF OU 2 GROUNDWATER - 1999
INORGANICS, ON-SITE WELLS

SHALLOW VS. INTERMEDIATE ON-SITE WELLS
LN-Transformed Data

t-Test for Difference Between Sample Means (a)

	No. of Shallow Wells n1 =	*No. of Interm. Wells n2 =*	*No. of Shallow Detects*	*No. of Interim Detects*	*Shallow Sample Mean (b)*	*Interm. Sample Mean (b)*	*T-Test Probability P =*	*Is Difference Significant ? Yes / No (c)*
ARSENIC	10	12	4	2	4.3	4.0	0.15	No
BARIUM	10	12	7	10	66.9	24.3	0.07	No
IRON	10	12	10	12	3779	3041	0.26	No
MANGANESE	10	12	3	6	211.0	15.3	0.38	No

* All samples non-detect.

(a) Calculated using EXCEL Version 97 SR-2, TTEST function, one-tailed, unequal variance.

(b) All non-rejected data values included in calculation.

(c) Critical value of P = 0.05

(d) Shallow sample mean is greater than intermediate sample mean.

Shaded cell - statistical inference of contaminant presence in groundwater.

STATISTICAL ANALYSES OF GROUNDWATER PHASE III SAMPLE RESULTS

NON-TRANSFORMED DATA ANAYLSIS

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STATISTICAL ANALYSIS OF OU2 GROUNDWATER - 1999
INORGANICS, OFF-SITE AND ON-SITE WELLS

SHALLOW WELLS (a)

Test for Maximum Concentration as an Outlier (b)

	Max.	Mean	Std.Dev	n =	Tn =	for 5% signif., Tn =	Outlier Y / N	for 2.5% signif., Tn =	Outlier Y / N
ALUMINUM	4500	1306	1092	17	2.92	2.475	Yes	2.62	Yes
ANTIMONY*									
ARSENIC	6.9	2.7	1.3	17	3.18	2.475	Yes	2.62	Yes
BARIUM	137	40	37	17	2.64	2.475	Yes	2.62	Yes
BERYLLIUM*									
CADMIUM*									
CALCIUM	74700	12709	18124	17	3.42	2.475	Yes	2.62	Yes
CHROMIUM*									
COBALT	7.3	3.5	3.1	17	1.24	2.475	No	2.62	No
COPPER	9.1	3.0	2.7	17	2.21	2.475	No	2.62	No
IRON	23700	2375	5595	17	3.81	2.475	Yes	2.62	Yes
LEAD	3.1	1.4	0.5	17	3.04	2.475	Yes	2.62	Yes
MAGNESIUM	8320	2835	1938	17	2.83	2.475	Yes	2.62	Yes
MANGANESE	616	41	148	17	3.88	2.475	Yes	2.62	Yes
MERCURY*									
NICKEL	16.8	6.1	5.1	17	2.09	2.475	No	2.62	No
POTASSIUM	15100	4240	4439	17	2.45	2.475	No	2.62	No
SELENIUM*									
SILVER*									
SODIUM	78700	24009	23720	17	2.31	2.475	No	2.62	No
THALLIUM*									
VANADIUM	37.1	11	10	17	2.66	2.475	Yes	2.62	Yes
ZINC	126	28	34	17	2.88	2.475	Yes	2.62	Yes

(a) Includes both off-site and on-site wells.

(b) Statistical Analysis of Ground-Water Monitoring Data at RCRA Facilities, EPA/530-SW-89-026, April 1989.

* All on-site samples are non-detect.

STATISTICAL ANALYSIS OF OU2 GROUNDWATER - 1999
INORGANICS, OFF-SITE AND ON-SITE WELLS

INTERMEDIATE WELLS (a)

Test for Maximum Concentration as an Outlier (b)

	Max.	Mean	Std.Dev	n =	Tn =	for 5% signif., Tn =	Outlier Y / N	for 2.5% signif., Tn =	Outlier Y / N
ALUMINUM	4,160	818	871	19	3.84	2.532	Yes	2.681	Yes
ANTIMONY*									
ARSENIC	5	2	1	19	4.07	2.532	Yes	2.681	Yes
BARIUM	76	23	18	19	2.94	2.532	Yes	2.681	Yes
BERYLLIUM*									
CADMIUM*									
CALCIUM	41,500	12469	8123	19	3.57	2.532	Yes	2.681	Yes
CHROMIUM*									
COBALT	7	3	3	19	1.26	2.532	No	2.681	No
COPPER	10	3	3	19	2.52	2.532	No	2.681	No
IRON	15,500	2577	3247	19	3.98	2.532	Yes	2.681	Yes
LEAD*									
MAGNESIUM	8,570	2200	1694	19	3.76	2.532	Yes	2.681	Yes
MANGANESE	38	11	9	19	3.02	2.532	Yes	2.681	Yes
MERCURY*									
NICKEL*									
POTASSIUM	5,360	1564	1030	19	3.69	2.532	Yes	2.681	Yes
SELENIUM*	5								
SILVER*									
SODIUM	34,100	12753	7300	19	2.92	2.532	Yes	2.681	Yes
THALLIUM*									
VANADIUM	10	4	3	19	2.19	2.532	No	2.681	No
ZINC	51	11	13	19	3.09	2.532	Yes	2.681	Yes

(a) Includes both off-site and on-site wells.

(b) Statistical Analysis of Ground-Water Monitoring Data at RCRA Facilities, EPA/530-SW-89-026, April 1989.

* All on-site samples are non-detect.

STATISTICAL ANALYSIS OF OU 2 GROUNDWATER - 1999
INORGANICS, OFF-SITE VS. ON-SITE

SHALLOW WELLS

t-Test for Difference Between Sample Means (a)

	No. of Off-Site Wells n1 =	*No. of On-Site Wells n2 =*	*No. of Off-Site Detects*	*No. of On-Site Detects*	*Off-Site Sample Mean (b)*	*On-Site Sample Mean (b)*	*T-Test Probability P =*	*Is Difference Significant ? Yes / No (c)*
ALUMINUM	7	10	7	10	1,281	1,324	0.44	No
ANTIMONY	7	10	2	0	2.4	2	0.35	(d)
ARSENIC	7	10	1	4	2.3	3	0.06	No
BARIUM	7	10	5	7	26	50	0.05	Yes
BERYLLIUM*	7	10	0	0	--	--	--	--
CADMIUM*	7	10	0	0	--	--	--	--
CALCIUM	7	10	4	10	8,704	15,513	0.16	No
CHROMIUM*	7	10	0	0	--	--	--	--
COBALT	7	10	0	2	5.5	2	0.02	(d)
COPPER	7	10	0	2	5.1	2	0.01	(d)
IRON	7	10	5	10	370	3,779	0.07	No
LEAD*	7	10	0	1	--	--	--	--
MAGNESIUM	7	10	5	10	2,807	2,854	0.49	No
MANGANESE	7	10	0	3	2.7	68	0.13	No
MERCURY*	7	10	0	0	--	--	--	--
NICKEL	7	10	0	3	8.0	5	0.11	(d)
POTASSIUM	7	10	5	8	6,440	2,700	0.05	(d)
SELENIUM*	7	10	0	0	--	--	--	--
SILVER*	7	10	0	0	--	--	--	--
SODIUM	7	10	5	9	35,044	16,285	0.06	(d)
THALLIUM*	7	10	0	0	--	--	--	--
VANADIUM	7	10	1	5	9.7	13	0.20	No
ZINC	7	10	0	3	21	33	0.19	No

* All samples non-detect.

(a) Calculated using EXCEL Version 97 SR-2, TTEST function, one-tailed, unequal variance.

(b) All non-rejected data values included in calculation.

(c) Critical value of P = 0.05

(d) Off-site sample mean is greater than on-site sample mean.

Shaded cell - statistical inference of contaminant presence in groundwater.

STATISTICAL ANALYSIS OF OU 2 GROUNDWATER - 1999
INORGANICS, OFF-SITE VS. ON-SITE

INTERMEDIATE WELLS

t-Test for Difference Between Sample Means (a)

	No. of Off-Site Wells n1 =	*No. of On-Site Wells n2 =*	*No. of Off-Site Detects*	*No. of On-Site Detects*	*Off-Site Sample Mean (b)*	*On-Site Sample Mean (b)*	*T-Test Probability P =*	*Is Difference Significant ? Yes / No (c)*
ALUMINUM	7	12	5	10	1048	684	0.26	No
ANTIMONY	7	12	2	0	2.2	2.2	0.27	No
ARSENIC	7	12	0	2	2.2	2.5	0.13	No
BARIUM	7	12	3	10	25.0	22.0	0.38	(d)
BERYLLIUM*	7	12	0	0	0.5	0.4	--	--
CADMIUM*	7	12	0	0	0.3	0.2	--	--
CALCIUM	7	12	7	11	12379	12522	0.48	No
CHROMIUM	7	12	1	0	1.8	1.7	0.43	(d)
COBALT	7	12	0	1	5.5	2.2	0.02	(d)
COPPER	7	12	1	1	4.6	1.9	0.03	(d)
IRON	7	12	7	12	1781	3041	0.16	No
LEAD*	7	12	0	0	1.7	1.4	--	--
MAGNESIUM	7	12	7	12	2053	2286	0.36	No
MANGANESE	7	12	1	6	10.5	10.6	0.49	No
MERCURY*	7	12	0	0	0.1	0.1	--	--
NICKEL*	7	12	0	0	8.0	2.9	--	--
POTASSIUM	7	12	2	10	1301	1718	0.15	No
SELENIUM*	7	12	0	0	2.6	2.7	--	--
SILVER*	7	12	0	0	0.9	0.9	--	--
SODIUM	7	12	2	10	13834	12122	0.31	(d)
THALLIUM*	7	12	0	0	1.3	0.8	--	--
VANADIUM	7	12	0	3	5.0	3.7	0.20	(d)
ZINC	7	12	0	1	6.3	14.1	0.06	No

* All samples non-detect.

(a) Calculated using EXCEL Version 97 SR-2, TTEST function, one-tailed, unequal variance.

(b) All non-rejected data values included in calculation.

(c) Critical value of P = 0.05

(d) Off-site sample mean is greater than on-site sample mean.

Shaded cell - statistical inference of contaminant presence in groundwater.

STATISTICAL ANALYSIS OF OU 2 GROUNDWATER - 1999
INORGANICS, ON-SITE WELLS

SHALLOW VS. INTERMEDIATE ON-SITE WELLS

t-Test for Difference Between Sample Means (a)

	No. of Shallow Wells n1 =	*No. of Interm. Wells n2 =*	*No. of Shallow Detects*	*No. of Interim Detects*	*Shallow Sample Mean (b)*	*Interm. Sample Mean (b)*	*T-Test Probability P =*	*Is Difference Significant ? Yes / No (c)*	
ARSENIC	10	12	4	2	4.3	4.0	0.16	No	(d)
BARIUM	10	12	7	10	66.9	24.3	0.04	Yes	(d)
IRON	10	12	10	12	3779	3041	0.39	No	(d)
MANGANESE	10	12	3	6	211.0	15.3	0.19	No	(d)

* All samples non-detect.

(a) Calculated using EXCEL Version 97 SR-2, TTEST function, one-tailed, unequal variance.

(b) All non-rejected data values included in calculation.

(c) Critical value of P = 0.05

(d) Shallow sample mean is greater than intermediate sample mean.

Shaded cell - statistical inference of contaminant presence in groundwater.

W. L. GORE & ASSOCIATES, INC.

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ENVIRONMENTAL PRODUCTS GROUP

GORE-SORBER® Screening Survey
Final Report

Naval Training Center
Orlando, FL

September 16, 1997

Prepared For:
Brown & Root Environmental
800 Oak Ridge Turnpike, Suite A-600
Oak Ridge, TN 37830

B-459

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GORE-SORBER® Screening Survey
Final Report

REPORT DATE: September 16, 1997 **AUTHOR:** RFF

SITE INFORMATION

Site Reference: Naval Training Center, Orlando, FL
Customer Purchase Order Number: GCSH-0024-S97503
Gore Production Order Number: 073726 **Gore Site Code:** ADR

FIELD PROCEDURES

B-460

 # Modules shipped: 183
Installation Date(s): July 2 and 3, 1997 **# Modules Installed:** 182
Field work performed by: Brown & Root Environmental

Retrieval date(s): July 16 and 17, 1997 **Exposure Time:** 14 **[days]**
 # Modules Retrieved: 163 **# Trip Blanks Returned:** 1
 # Modules Lost in Field: 19 **# Unused Modules Returned:** 0

Date/Time Received by Gore: July 18, 1997, 1:30 PM **By:** CJ Fondren
Recorded Cooler/Water Temperature Control Blank temperature: Cooler #1: 1.1, cooler #2: 3.3, and cooler #3: 3.1 **[°C]**
Chain of Custody Form attached: √
Chain of Custody discrepancies: None
Comments: None

GORE-SORBER® Screening Survey
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ANALYTICAL PROCEDURES

W.L. Gore & Associates' Screening Module Laboratory operates under the guidelines of its Quality Assurance Manual, Operating Procedures and Methods. The quality assurance program is consistent with Good Laboratory Practices (GLP) and ISO Guide 25, "General Requirements for the Competence of Calibration and Testing Laboratories", third edition, 1990. The Laboratory is audited regularly by a quality system design, development and auditing company.

Instrumentation consists of state of the art gas chromatographs equipped with mass selective detectors, coupled with automated thermal desorption units. Sample preparation simply involves cutting the tip off the bottom of the sample module and transferring one or more exposed sorbent containers (sorbers, each containing 40mg of a suitable granular adsorbent) to a thermal desorption tube for analysis. Sorbers remain clean and protected from dirt, soil, and ground water by the insertion/retrieval cord, and require no further sample preparation. Samples remain frozen until analysis and unanalyzed sorbers are archived in the freezer for potential future analysis.

Analytical Method Quality Assurance:
The analytical method employed is a modified EPA method 8240B/8270B. Before each run sequence, two instrument blanks, a sorber containing 5µg BFB (Bromofluorobenzene), and a method blank are analyzed. The BFB mass spectra must meet the criteria set forth in the method before samples can be analyzed. A method blank and a sorber containing BFB is also analyzed after every 30 samples and/or trip blanks. Standards containing the selected target compounds at three calibration levels of 5, 20, and 50µg are analyzed at the beginning of each run. The criterion for each target compound is less than 35% RSD (relative standard deviation). If this criterion is not met for any target compound, the analyst has the option of generating second- or third-order standard curves, as appropriate. A second-source reference standard, at a level of 20µg per target compound, is analyzed after every ten samples and/or trip blanks, and at the end of the run sequence. Positive identification of target compounds is determined by 1) the presence of the target ion and at least two secondary ions; 2) retention time versus reference standard; and, 3) the analyst's judgment.

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NOTE: **All data have been archived. Any replicate sorbers not used in the initial analysis will be discarded fifteen (15) days from the date of analysis.**

Laboratory analysis: thermal desorption, gas chromatography, mass selective detection
Quality Assurance Level: 2 (ANA-4/A1)
Instrument ID: # 5 **Chemist:** JW **Data Subdirectory:** 073726
Compounds/mixtures requested: Custom Target Compounds (A7)
Deviations from Standard Method: None
Comments: Soil vapor analytes and abbreviations are tabulated in the Data Table Key (page 6).

GORE-SORBER® Screening Survey
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DATA TABULATION

 # CONTOUR MAPS ENCLOSED: Five (5) B-sized color contour maps
LIST OF MAPS ENCLOSED:

- Benzene, Toluene, Ethyl benzene, and total Xylenes (BTEX)
- Benzene
- Tetrachloroethene (PCE)
- Chloroform (CHCl3)
- Chlorobenzene (CB)

Compound Name	Method Detection Limit [µg]	Low Map (gray) Limit [µg]	Highest Detect Level [µg]	Upper Map (purple) Limit [µg]
BTEX	0.02	0.09	255 83	255.83
Benzene	0.03	0.03	162.78	162.78
PCE	0.02	0.02	6.68	6.68
CHCl3	0.01	0.01	0.39	0.39
CB	0.01	0.01	237.15	237.15

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NOTE: All data values presented in Appendix A represent masses of compound(s) desorbed from the GORE-SORBER Screening Modules received and analyzed by W.L. Gore, as identified in the Chain of Custody (Appendix A). The measurement traceability and instrument performance are reproducible and accurate for the measurement process documented. Semi-quantitation of the compound mass is based on either a single-level (QA Level 1) or three-level (QA Level 2) standard calibration.

Comments:

General

- Soil gas signals reported by this method cannot be identified specifically to soil, groundwater, and/or free-product contamination. Vapors can evolve from all sources and will contribute to the soil gas signals observed on the modules.
- The soil gas survey reports mass levels present in the vapor phase. Vapors are subject to a variety of attenuation factors during migration away from the source concentration to the module. Thus, mass levels reported from the module will often be less than concentrations reported in soil and groundwater matrix data. In most instances, the masses reported on the modules compare favorably with concentrations reported in the soil, groundwater, or both (e.g., where soil gas levels are reported at greater levels relative to other sampled locations on the site, matrix data should reveal the same pattern, and vice versa). However, due to a variety of factors, a perfect comparison between matrix data and soil gas levels can rarely be achieved.
- Target compounds are reported during the analysis of the modules if compound identification criteria are met (see analytical discussion above). Though present in the data table, quantifiable levels reported at less than the method detection limit should be treated with caution.

GORE-SORBER® Screening Survey
Final Report

Site Specific

- The minimum (gray) contour level, for each mapped analyte or group of analytes, was set at the maximum blank level observed or the MDL, whichever was greater. The maximum contour level was set at the maximum value observed.
- Stacked total ion chromatograms (TIC's) are included in Appendix A. The last three digits of each module number are incorporated into the TIC identification (e.g.: ADR080TC.D represents module #141080).
- Target compounds have been detected at moderate to high levels at several locations from this survey. BTEX constituents were highest in the area around module locations h2 and h9 with several large (amorphous) areas depicting low to moderate levels as seen on the BTEX color contour map.
- The distribution of benzene is similar with a focused area of high levels at locations h2 and h9.
- The chloroform distribution appears spotty with low to moderate levels in most of the modules.
- Tetrachloroethene was detected in a few modules at moderate levels and in close proximity to each other. These modules appear to be fairly well defined by the existing survey spacing, and appear focused around module locations h7, h8, h13, h14, h17 and h20.
- Chlorobenzene was detected at high levels at module locations h2 and h9 with a few other low level detections.

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GORE-SORBER® Screening Survey
Final Report

KEY TO DATA TABLE
Naval Training Center, Orlando, FL

UNITS

µg	micrograms (per sorber), reported for compounds for which we run external standards.
MDL	method detection limit

ANALYTES

TPH	total petroleum hydrocarbons
BTEX	combined masses of benzene, toluene, ethylbenzene and total xylenes (Gasoline Range Aromatics)
BENZ	benzene
TOL	toluene
EtBENZ	ethylbenzene
mpXYL	m-, p-xylene
oXYL	o-xylene
ct12DCE	cis- & trans-1,2-dichloroethene
t12DCE	trans-1,2-dichloroethene
c12DCE	cis-1,2-dichloroethene
11DCE	1,1-dichloroethene
11DCA	1,1-dichloroethane
$CHCl_3$	chloroform
111TCA	1,1,1-trichloroethane
12DCA	1,2-dichloroethane
CCl_4	carbon tetrachloride
TCE	trichloroethene
112TCA	1,1,2-trichloroethane
PCE	tetrachloroethene
ClBENZ	chlorobenzene
1112TetCE	1,1,1,2-tetrachloroethene
1122TetCE	1,1,2,2-tetrachloroethene
13DCB	1,3-dichlorobenzene
14DCB	1,4-dichlorobenzene
12DCB	1,2-dichlorobenzene

BLANKS

TBn	unexposed trip blanks, which traveled with the exposed modules

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APPENDIX A:

1. CHAIN OF CUSTODY
2. DATA TABLE
3. STACKED TOTAL ION CHROMATOGRAMS
4. COLOR CONTOUR MAPS

GORE-SORBER® Screening Survey Chain of Custody

For W.L. Gore & Associates use only
Production Order # 73772

W. L. Gore & Associates, Inc., Environmental Products Group
101 Lewisville Road • Elkton, Maryland 21921 • Tel: (410) 392-3300 • Fax (410) 996-3325

Instructions: Customer must complete ALL shaded cells

Customer Name: BROWN + ROOT ENVIRONMENTAL	Site Name: NAVAL TRAINING CENTER
Address: 800 OAK RIDGE TPK, JACKSON PLAZA SUITE A400, OAK RIDGE TN 37830	Site Address: ORLANDO FL
Phone: 423-483-9900	Project Manager: GARY BRAGANZA
FAX: 423 483 2014	Customer Project No.:
	Customer P.O. #:	Quote #: BR 7267

Serial # of Modules Shipped		
# 141016	through	# 141112
# 141118	through	# 141203
#	through	#
#	through	#
#	through	#
#	through	#
#	through	#

# of Modules for Installation 175 # of Trip Blanks 5
Total Modules Shipped: 193 Pieces
Total Modules Received: Pieces
Total Modules Installed: Pieces

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Serial # of Trip Blanks (Client Decides)		# 141177
#	#	#
#	#	#
#	#	#

Installation Performed By: MELINDA HAMSHER, TERRY PALMER
Name (please print): JAMES PHILCOX, JASON McCANN
Company/Affiliation: BRE

Installation Method(s) (circle those that apply): Slide Hammer (circled) Hammer Drill Auger
Other:

Installation Start Date and Time: 7 / 2 / 97 8 : 00 approx AM (circled) PM
Installation Complete Date and Time: 7 / 3 / 97 : AM PM

Retrieval Performed By:
Name (please print): GARY BRAGANZA / TERRY PALMER
Company/Affiliation: BRE

Total Modules Retrieved: Pieces
Total Modules Lost in Field: 19 Pieces
Total Unused Modules Returned: 0 Pieces

Retrieval Start Date and Time: 7 / 16 / 97 8 : 00 AM (circled) PM
Retrieval Complete Date and Time: 7 / 17 / 97 16 : 00 AM PM (circled)

Target Analytes to be Mapped (Check Options or List as appropriate): To Be Determined Pending Completion of Lab Analysis [ ] or write "None", if applicable.

Analyte #1: Analyte #2: Analyte #3:

Other Instructions, if any:

Relinquished By	Date	Time	Received By	Date	Time
[signature] Affiliation: W.L. Gore & Associates, Inc.	6/23/97	15:00	Affiliation:		
[signature] Affiliation: BRE	7/17/97		Affiliation:		
Affiliation			[signature] Affiliation: W.L. Gore & Associates, Inc.	7/18/97	1345

Temperature of Samples When Received By Gore °C

GORE-SORBER ® Screening Survey is a registered service mark of W.L. Gore & Associates, Inc. C3 1.1 C2 3.3 FORM SR.2

GORE-SORBER® Screening Survey
Installation and Retrieval Log

Page 1 of 5

SITE NAME & LOCATION
NAVAL TRAINING CENTER
ORLANDO FLORIDA

LINE #	MODULE #	INSTALLATION DATE/TIME	RETRIEVAL DATE/TIME	EVIDENCE OF LIQUID HYDROCARBONS (LPH) or HYDROCARBON ODOR (Check as appropriate) LPH	ODOR	NONE	MODULE IN WATER (check one) YES	NO	COMMENTS
1.	141108 1	7/2/97 / 8:20	7-16-97 13:02			✓		✓	
2.	141110 1	7-2-97 / 8:30	7-16-97 12:40			✓		✓	
3.	141109 NH	" 8:40	DID NOT RETRIEVE			✓			~~DUPE~~
4.	141111 1	" 8:50	~~7/16/97 13:50~~ 12:50			~~✓~~		~~✓~~	~~DID NOT RETRIEVE~~
5.	141107 1	" 9:00	" 13:17			✓		✓	
6.	141106 1	" 9:10	7-17-97 10:40						
7.	141100 1	" 9:20	" 13:25			✓		✓	
8.	141101 1	" 9:30	" 13:36			✓		✓	
9.	141102 1	" 9:40	" 13:40			✓		✓	
10.	141103 NH	" 9:50	DID NOT RETRIEVE						
11.	141104 1	" 10:00	" 13:45			✓		✓	
12.	141105 1	" 10:10	" 13:49			✓		✓	
13.	141094 1	" 10:20	" 13:53						
14.	141095 1	" 10:30	" 16:05			✓		✓	
15.	141096 1	" 10:40	" 13:57						
16.	141097 1	" 10:50	" 14:13			✓		✓	
17.	141098 1	" 10:55	" 14:16			✓		✓	
18.	141099 1	" 11:00	" 14:19			✓		✓	
19.	141088 3	" 11:15	" 14:25			✓		✓	
20.	141089 3	" 11:25	7-17-97 9:20						
21.	141090 3	" 11:40	" 14:30			✓		✓	
22.	141091 3	" 11:50	" 14:35			✓		✓	
23.	141092 3	" 14:00	" 13:06			✓		✓	
24.	141093 3	" 14:10	" 16:45			✓		✓	
25.	141135 2	" 14:20	" 14:45			✓		✓	
26.	141136 NH	" 14:30	DID NOT RETRIEVE						
27.	141137 2	" 14:40	" 14:50			✓		✓	
28.	141138 NH	" 14:50	DID NOT RETRIEVE						
29.	141139 2	" 15:00	" 15:02			✓		✓	
30.	141140 2	" 15:10	" 14:54			✓		✓	
31.	141129 2	" 15:15	" 16:30			✓		✓	
32.	141130 2	" 15:20	" 14:59			✓		✓	
33.	141131 2	" 15:40	" 15:07			✓		✓	
34.	141132 2	" 15:50	15:43			✓		✓	
35.	141133 2	" 16:00	" 15:32			✓		✓	
36.	141134 2	" 16:05	" 15:20			✓		✓	
37.	141123 1	" 16:15	" 15:55			✓		✓	
38.	141124 2	" 16:30	" 15:50			✓		✓	
39.	141125 NH	" 16:50	DID NOT RETRIEVE						
40.	141126 NH	" 17:20	DID NOT RETRIEVE						
41.	141127 2	" 17:30	" 16:16			✓		✓	

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GORE-SORBER® Screening Survey
Installation and Retrieval Log

SITE NAME & LOCATION
NAVAL TRAINING CENTER
ORLANDO FLORIDA

LINE #	MODULE # 14112	INSTALLATION DATE/TIME	RETRIEVAL DATE/TIME	EVIDENCE OF LIQUID HYDROCARBONS (LPH) or HYDROCARBON ODOR (Check as appropriate) LPH	ODOR	NONE	MODULE IN WATER (check one) YES	NO	COMMENTS
43.	141297	7-2-97/17:50	7-16-97 16:30			-		/	
44.	141118	" 18.00	7-17-97 12:20			-		/	
45.	141119	" 18:05	7-17-97 12:25			/		/	
46.	141036 2	" 8:55	7-16-97 16:55			/		/	
47.	141037 2	" 9:02	7-16-97 16:58			/		/	
48.	141038 2	" 9:08	7-16-97 17:01			/		/	
49.	141039 2	" 9:15	" 17 04			/		/	
50.	141040 3	" 9:22	" 17:08			/		/	
51.	141035 2	9.27	" 17:16			/		/	
52.	141034 2	9:31	" 17:15			/		/	
53.	141033 2	9:37	" 17:18			/		/	
54.	141032 2	9:42	" 17:22			/		/	
55.	141031 2	9:47	" 17.26			/		/	
56.	141026 2	10:02	" 17:30			-		/	
57.	141027 2	10:06	" 17:34			/		/	
58.	141028 2	10.11	" 17.38			-		/	
59.	141029 2	10:15	17:42			/		/	
60.	141030 2	10.19	" 17:45			-		/	
61.	141025 2	10:28	" 17.47			-		/	
62.	141024 2	10:31	" 17:50			/		/	
63.	141023 2	10:36	" 17:56			/		/	
64.	141022 2	10.40	" 18:01			/		/	
65.	141021 2	10:45	" 18:05			/		/	
66.	141016 2	11:05	7-17-97/8:14			/		/	
67.	141017 2	11:09	" 8:16			-		/	
68.	141018 2	11:15	" 8.18			/		/	
69.	141019 2	11.20	" 8:20			/		/	
70.	141020 2	11.25	" 8:22			/		/	
71.	141085 3	11:30	" 8 26			/		/	
72.	141084 3	11:35	" 8 30			/		/	
73.	141083 3	11:40	" 8 34			/		/	
74.	141082 3	11:46	" 8 38			/		/	
75.	141081 3	11:56	" 8.40			/		/	
76.	141076 3	12:15	" 8:42			/		/	
77.	141077 3	12:20	" 8:46			/		/	
78.	141078 3	12:24	" 8:50			/		/	
79.	141079 3	12.28	" 8:55			/		/	
80.	141080 3	12:32	" ~~12:32~~ 9:05			/		/	
81.	141075 3	12:42	" 12:42 9:08			/		/	
82.	141074 3	12:48	" 12.48 9:10			/		/	
83.	141073 3	12:55	" 12 55 9:12			/		/	
84.	141072 3	13:00	" 13:00 9:14			/		/	
85.	141071 3	13:05	" 13:02 9:16			/		/	

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GORE-SORBER® Screening Survey
Installation and Retrieval Log

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SITE NAME & LOCATION
NAVAL TRAINING CENTER
ORLANDO, FLORIDA

LINE #	MODULE #	INSTALLATION DATE/TIME	RETRIEVAL DATE/TIME	EVIDENCE OF LIQUID HYDROCARBONS (LPH) or HYDROCARBON ODOR (Check as appropriate)			MODULE IN WATER (check one)		COMMENTS
				LPH	ODOR	NONE	YES	NO	
86.	141070 3	7-2-97/15:30	7-17-97 9:18			✓		✓	
87.	141069 3	" 15:37	" 9:20			✓		✓	
88.	141068 3	" 15:42	" 9:23			✓		✓	
89.	141067 3	" 15:46	" 9:25			✓		✓	
90.	141066 3	" 15:57	" 9:30			✓		✓	
91.	141065 3	" 16:08	" 9:32			✓		✓	
92.	141064 NH	" 16:15	DID NOT RETRIEVE			✓		✓	
93.	141086 3	" 16:21	7-18-97 9:35			✓		✓	
94.	141087 3	" 16:35	7-17-97 9:37			✓		✓	
95.	141063 NH	" 16:45	DID NOT RETRIEVE					✓	
96.	141062 3	" 16:51	7-17-97 9:38			✓		✓	
97.	141061 3	" 16:57	" 9:40			✓		✓	
98.	141060 3	" 17:04	" 9:50			✓		✓	
99.	141059 3	" 17:18	" 9:55			✓		✓	
100.	141058 3	" 17:25	" 9:59			✓		✓	
101.	141057 3	" 17:32	" 10:01			✓		✓	
102.	141056 3	" 17:17	" 10:03			✓		✓	
103.	141055 3	" 18:03	" 10:05			✓		✓	
104.	141054 3	" 18:30	" 10:07			✓		✓	
105.	141053 NH	" 18:38	DID NOT RETRIEVE					✓	
106.	141052 3	" 18:35	7-17-97 10:09			✓		✓	
107.	141171 2	7/2-97/ 8:30	" 10:11			✓		✓	
108.	141165 2	8:30	" 10:14			✓		✓	
109.	141166 NH	8:35	DID NOT RETRIEVE					✓	
110.	141042 3	8:40	7-17-97 10:16			✓		✓	
111.	141172 2	8:45	" 10:18			✓		✓	
112.	141043 NH	8:50	DID NOT RETRIEVE					✓	
113.	141173 2	8:55	7-17-97 10:20			✓		✓	
114.	141167 2	9:00	" 10:22			✓		✓	
115.	141048 3	9:05	" 10:24			✓		✓	
116.	141174 2	9:10	" 10:27			✓		✓	
117.	141168 2	9:15	" 10:29			✓		✓	
118.	141047 3	9:20	" 10:31			✓		✓	
119.	141170 2	9:30	" 10:34			✓		✓	
120.	141176 NH	9:35	DID NOT RETRIEVE					✓	
121.	141041 3	9:40	7-17-97 10:36			✓		✓	
122.	141169 2	9:45	" 10:38			✓		✓	
123.	141175 2	9:55	" 10:41			✓		✓	
124.	141046 NH	10:00	DID NOT RETRIEVE					✓	
125.	141044 NH	10:05	DID NOT RETRIEVE					✓	
126.	141049 3	10:10	7-17-97 10:43			✓		✓	
127.	141050 3	10:15	" 10:47			✓		✓	
128.	141045 3	10:20	" 10:48			✓		✓	

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GORE-SORBER® Screening Survey Installation and Retrieval Log

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SITE NAME & LOCATION

NAVAL TRAINING CENTER
ORLANDO, FL

LINE #	MODULE #	INSTALLATION DATE/TIME	RETRIEVAL DATE/TIME	EVIDENCE OF LIQUID HYDROCARBONS (LPH) or HYDROCARBON ODOR (Check as appropriate)			MODULE IN WATER (check one)		COMMENTS
				LPH	ODOR	NONE	YES	NO	
129.	141057 3	7-2-97 10:35	7-17-97 10:50			✓		✓	
130.	141189 3	" 10:40	" 10:52			✓		✓	
131.	141190 3	" 10:45	" 10:54			✓		✓	
132.	141201 3	" 10:50	" 10:56			✓		✓	
133.	141195 3	" 10:55	" 10:59			✓		✓	
134.	141191 3	" 11:00	" 11:01			✓		✓	
135.	141197 NH	" 11:05	DID NOT RETRIEVE						
136.	141196 3	" 11:10	7-17-97 11:03			✓		✓	
137.	141202 3	" 11:15	" 11:05			✓		✓	
138.	141192 3	" 11:40	" 11:07			✓		✓	
139.	141198 3	" 11:45	" 11:09			✓		✓	
140.	141203 3	" 11:50	" 11:11			✓		✓	
141.	141121 3	" 11:55	" 11:14			✓		✓	
142.	141193 3	" 12:00	" 11:16			✓		✓	
143.	141199 3	" 12:05	" 11:18			✓		✓	
144.	141200 3	" 12:10	" 11:22			✓		✓	
145.	141122 3	" 12:15	" 11:24			✓		✓	
146.	141194 3	" 12:20	" 11:27			✓		✓	
147.	141160 2	" 17:25	" 11:29			✓		✓	
148.	141120 2	" 17:30	11:32			✓		✓	
149.	141141 2	" 17:35	" 11:35			✓		✓	
150.	141144 2	" 17:40	" 11:37			✓		✓	
151.	141146 2	" 17:45	" 11:39			✓		✓	
152.	141161 2	" 17:50	" 11:40			✓		✓	
153.	141162 2	" 17:55	" 11:41			✓		✓	
154.	141153 2	" 18:10	" 11:43			✓		✓	
155.	141159 2	" 18:19	" 11:45			✓		✓	
156.	141143 2	" 18:25	" 11:47			✓		✓	
157.	141151 2	" 18:31	" 11:49			✓		✓	
158.	141156 2	" 18:40	" 11:51			✓		✓	
159.	141142 2	" 18:44	" 11:53			✓		✓	
160.	141147 2	" 18:52	" 11:55			✓		✓	
161.	141155 2	" 19:00	" 11:57			✓		✓	
162.	141149 2	" 19:[illegible]	" 11:59			✓		✓	
163.	141152 2	" 19:[illegible]	" 12:01			✓		✓	
164.	141157 NH	" 19:27	DID NOT RETRIEVE						
165.	141163 2	" 19:31	7-17-97 12:03			✓		✓	
166.	141148 2	" 19:34	" 12:05			✓		✓	
167.	141154 2	" 19:40	" 12:07			✓		✓	
168.	141150 2	" 19:44	" 12:09			✓		✓	
169.	141145 2	" 20:01	" 12:12			✓		✓	
170.	141158 2	" 20:07	" 12:14			✓		✓	
171.	141164 2	" 20:12	" 12:16			✓		✓	

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GORE-SORBER® Screening Survey Installation and Retrieval Log

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SITE NAME & LOCATION

NAVAL TRAINING CENTER
ORLANDO, FLORIDA

LINE #	MODULE #	INSTALLATION DATE/TIME	RETRIEVAL DATE/TIME	EVIDENCE OF LIQUID HYDROCARBONS (LPH) or HYDROCARBON ODOR (Check as appropriate)			MODULE IN WATER (check one)		COMMENTS
				LPH	ODOR	NONE	YES	NO	
172.	141188 3	7-3-97 13:55	7-17-97 12:18			✓		✓	
173.	141187 3	" 14:05	" 12:20			✓		✓	
174.	141186 3	" 14:10	" 12:22			✓		✓	
175.	141185 NH	" 14:20	DID NOT RETRIEVE						
176.	141184 3	" 14:25	7-17-97 12:24			✓		✓	
177.	141183 3	" 14:30	" 12:30			✓		✓	
178.	141182 3	" 14:33	" 12:32			✓		✓	
179.	141181 2	" 14:37	" 12:36			✓		✓	
180.	141180 NH	" 14:40	DID NOT RETRIEVE						
181.	141179 2	" 14:59	7-17-97 12:39			✓		✓	
182.	141178 NH	" 15:15	DID NOT RETRIEVE						
183.	141177 1								
184.									BLANK
185.	Note 141112 not noted, but returned and								
186.	appears to have been displaced								
187.									
188.									
189.									
190.									
191.									
192.									
193.									
194.									
195.									
196.									
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214.									

7/25/97

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GORE SORBER SCREENING SURVEY ANALYTICAL RESULTS
BROWN AND ROOT ENVIRONMENTAL, OAK RIDGE, TN
GORE CUSTOM TARGET LIST (A7)
NAVAL TRAINING CENTER, ORLANDO, FL.
SITE ADR - PRODUCTION ORDER #073726

DATE ANALYZED	Map Designation	MODULE NUMBER	TPH, est ug	BTEX, ug	BENZ, ug	TOL, ug	EtBENZ, ug	mpXYL, ug	oXYL, ug	ct12DCE, ug	t12DCE, ug	c12DCE, ug	11DCE, ug	11DCA, ug	CHCl3, ug
		MDL=		0.02	0.03	0.03	0.02	0.02	0.07	0.02	0.03	0.02	0.01	0.05	0.01
07/23/97	h16	141016	0.06	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
07/23/97	h17	141017	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
07/23/97	h18	141018	0.06	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
07/23/97	h19	141019	0.08	0.02	0.00	0.00	0.00	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.07
07/23/97	h20	141020	0.11	0.10	0.00	0.08	0.00	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00
07/23/97	h21	141021	0.16	0.79	0.00	0.79	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.07
07/23/97	h22	141022	0.23	0.53	0.00	0.52	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00
07/23/97	h23	141023	232.19	2.64	0.00	2.39	0.03	0.13	0.09	0.00	0.00	0.00	0.00	0.00	0.00
07/23/97	h24	141024	0.45	0.07	0.00	0.07	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.16
07/23/97	h25	141025	30.59	0.42	0.00	0.39	0.00	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00
07/23/97	h26	141026	0.15	1.70	0.00	1.66	0.00	0.04	0.00	0.00	0.00	0.00	0.00	0.00	0.03
07/23/97	h27	141027	2.41	0.15	0.00	0.15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.05
07/23/97	h28	141028	0.03	0.39	0.00	0.39	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
07/23/97	h29	141029	0.04	1.10	0.00	1.10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
07/23/97	h30	141030	0.03	0.41	0.00	0.41	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
07/23/97	h31	141031	0.15	1.92	0.00	1.87	0.00	0.05	0.00	0.00	0.00	0.00	0.00	0.00	0.00
07/23/97	h32	141032	0.21	0.82	0.00	0.80	0.00	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00
07/23/97	h33	141033	0.02	0.68	0.00	0.68	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
07/23/97	h34	141034	0.06	0.48	0.00	0.48	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
07/23/97	h35	141035	0.01	0.37	0.00	0.37	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.04
07/23/97	h36	141036	1.03	0.14	0.00	0.14	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
07/23/97	h37	141037	0.00	0.03	0.00	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
07/23/97	h38	141038	9.52	0.14	0.00	0.14	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
07/23/97	h39	141039	0.00	0.12	0.00	0.12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.05
07/23/97	h40	141040	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.19
07/24/97	g121	141042	0.08	0.05	0.00	0.05	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
07/25/97	g162	141045	0.13	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
07/24/97	g134	141047	0.09	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
07/24/97	g128	141048	0.07	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
07/25/97	g166	141049	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
07/25/97	g164	141050	5.29	0.05	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
07/25/97	g160	141051	0.14	0.14	0.05	0.07	0.02	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00
07/24/97	s151	141052	16.26	0.40	0.00	0.26	0.00	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00
07/24/97	s159	141054	0.08	0.00	0.00	0.00	0.03	0.09	0.02	0.00	0.00	0.00	0.00	0.00	0.00
07/24/97	s158	141055	1.27	0.09	0.00	0.07	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.07
07/24/97	s157	141056	0.24	0.00	0.00	0.00	0.00	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00
07/24/97	s154	141057	0.65	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
07/24/97	s129	141058	36.97	1.49	0.00	1.46	0.00	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00
07/24/97	s128	141059	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.06
07/24/97	s127	141060	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
07/24/97	s126	141061	0.05	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
07/24/97	s125	141062	15.83	0.08	0.00	0.06	0.00	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.05
															0.04
															0.00

GORE SORBER SCREENING SURVEY ANALYTICAL RESULTS
BROWN AND ROOT ENVIRONMENTAL, OAK RIDGE, TN
GORE CUSTOM TARGET LIST (A7)
NAVAL TRAINING CENTER, ORLANDO, FL.
SITE ADR - PRODUCTION ORDER #073726

DATE ANALYZED	Map Designation	MODULE NUMBER	TPH, est.ug	BTEX, ug	BENZ, ug	TOL, ug	EtBENZ, ug	mpXYL, ug	oXYL, ug	ct12DCE, ug	t12DCE, ug	c12DCE, ug	11DCE, ug	11DCA, ug	CHCl3, ug
		MDL=		0.02	0.03	0.03	0.02	0.02	0.07	0.02	0.03	0.02	0.01	0.05	0.01
07/24/97	s135	141065	0.21	0.23	0.08	0.10	0.00	0.05	0.00	0.00	0.00	0.00	0.00	0.00	0.00
07/24/97	s137	141066	0.24	0.14	0.05	0.07	0.00	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00
07/24/97	s138	141067	0.27	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.14
07/24/97	s139	141068	142.77	0.28	0.09	0.04	0.07	0.06	0.02	0.00	0.00	0.00	0.00	0.00	0.00
07/24/97	s155	141069	0.50	0.06	0.00	0.04	0.00	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00
07/24/97	s156	141070	2.70	0.13	0.00	0.09	0.00	0.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00
07/24/97	h1	141071	8.97	0.25	0.00	0.13	0.00	0.09	0.03	0.00	0.00	0.00	0.00	0.00	0.00
07/24/97	h2	141072	717.58	255.83	15.70	108.95	24.66	78.38	28.14	0.30	0.07	0.23	0.04	0.00	0.39
07/24/97	h3	141073	113.39	0.60	0.25	0.05	0.04	0.18	0.08	0.00	0.00	0.00	0.00	0.00	0.00
07/23/97	h4	141074	0.38	0.17	0.08	0.07	0.00	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00
07/23/97	h5	141075	0.87	0.12	0.06	0.06	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
07/23/97	h6	141076	0.01	0.06	0.06	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
07/23/97	h7	141077	4.34	0.12	0.05	0.05	0.00	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00
07/23/97	h8	141078	0.30	0.12	0.06	0.04	0.00	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00
07/23/97	h9	141079	1111.69	173.50	162.78	0.97	9.12	0.41	0.22	0.00	0.00	0.00	0.00	0.00	0.00
07/23/97	h10	141080	2.53	0.12	0.12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
07/23/97	h11	141081	0.09	0.05	0.00	0.05	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
07/23/97	h12	141082	0.14	0.21	0.09	0.09	0.00	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00
07/23/97	h13	141083	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
07/23/97	h14	141084	0.20	0.08	0.06	0.00	0.00	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.06
07/23/97	h15	141085	0.28	0.38	0.24	0.10	0.00	0.04	0.00	0.00	0.00	0.00	0.00	0.00	0.08
07/24/97	s133	141086	704.86	5.08	0.16	1.03	2.46	0.71	0.72	0.00	0.00	0.00	0.00	0.00	0.00
07/24/97	s123	141087	0.45	0.02	0.00	0.00	0.00	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00
07/22/97	s132	141088	0.04	0.13	0.00	0.13	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
07/22/97	s122	141089	4.58	0.04	0.00	0.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.06
07/22/97	s121	141090	0.74	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
07/22/97	s111	141091	0.11	0.04	0.00	0.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.04
07/22/97	s22	141092	0.03	0.20	0.00	0.20	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
07/22/97	s31	141093	61.88	0.15	0.02	0.04	0.00	0.06	0.03	0.00	0.00	0.00	0.00	0.00	0.07
07/22/97	s100	141094	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.04
07/22/97	s110	141095	0.08	0.09	0.00	0.09	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.04
07/22/97	s120	141096	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.09
07/22/97	s130	141097	0.03	0.12	0.00	0.12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
07/22/97	s140	141098	0.03	0.24	0.00	0.24	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
07/22/97	s131	141099	0.02	0.45	0.00	0.42	0.00	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00
07/22/97	s40	141100	0.41	0.04	0.00	0.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
07/22/97	s50	141101	0.16	0.11	0.00	0.11	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.04
07/22/97	s60	141102	0.10	0.66	0.00	0.62	0.00	0.04	0.00	0.00	0.00	0.00	0.00	0.00	0.04
07/22/97	s80	141104	0.18	0.27	0.00	0.27	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.06
07/22/97	s90	141105	0.03	0.09	0.00	0.09	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.20
07/22/97	s30	141106	0.03	0.17	0.17	0.00	0.00	0.00	0.00	0.03	0.00	0.03	0.00	0.00	0.08
07/22/97	s20	141107	0.02	0.06	0.00	0.06	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

GORE SORBER SCREENING SURVEY ANALYTICAL RESULTS
BROWN AND ROOT ENVIRONMENTAL, OAK RIDGE, TN
GORE CUSTOM TARGET LIST (A7)
NAVAL TRAINING CENTER, ORLANDO, FL.
SITE ADR - PRODUCTION ORDER #073726

DATE ANALYZED	Map Designation	MODULE NUMBER	TPH, est.ug.	BTEX, ug	BENZ, ug	TOL, ug	EtBENZ, ug	mpXYL, ug	oXYL, ug	ct12DCE, ug	t12DCE, ug	c12DCE, ug	11DCE, ug	11DCA, ug	CHCl3, ug
		MDL=		0.02	0.03	0.03	0.02	0.02	0.07	0.02	0.03	0.02	0.01	0.05	0.01
07/22/97	s12	141108	147.81	0.11	0.00	0.07	0.00	0.02	0.02	0.00	0.00	0.00	0.00	0.00	0.00
07/22/97	s21	141110	152.15	1.31	0.51	0.04	0.66	0.07	0.03	0.04	0.00	0.04	0.00	0.00	0.00
07/22/97	s10	141111	0.39	0.48	0.00	0.45	0.00	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.04
07/26/97	s113	141112	0.06	0.12	0.00	0.08	0.00	0.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00
07/23/97	s114	141118	0.17	0.18	0.00	0.10	0.00	0.06	0.02	0.00	0.00	0.00	0.00	0.00	0.04
07/23/97	s115	141119	1.29	0.07	0.07	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.04
07/25/97	g2	141120	0.11	0.14	0.00	0.11	0.00	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00
07/25/97	g22	141121	0.05	0.16	0.00	0.13	0.00	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00
07/25/97	g30	141122	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
07/23/97	s103	141123	0.12	0.45	0.00	0.45	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
07/23/97	s102	141124	0.10	0.10	0.00	0.10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.04
07/23/97	s91	141127	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.10
07/23/97	s112	141128	0.04	0.07	0.00	0.07	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
07/22/97	s71	141129	0.73	0.08	0.00	0.08	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.19
07/22/97	s72	141130	0.09	0.29	0.00	0.29	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
07/23/97	s83	141131	0.03	0.10	0.00	0.10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.19
07/23/97	s82	141132	0.14	0.90	0.00	0.87	0.00	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.08
07/23/97	s92	141133	0.16	0.05	0.00	0.05	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.17
07/23/97	s93	141134	0.02	0.03	0.00	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.02
07/22/97	s32	141135	16.24	0.39	0.00	0.34	0.02	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.11
07/22/97	s51	141137	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.23
07/22/97	s52	141139	0.04	0.17	0.00	0.17	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.06
07/22/97	s62	141140	11.84	0.30	0.00	0.30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.10
07/25/97	g4	141141	0.03	0.13	0.00	0.13	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
07/25/97	g44	141142	0.05	0.11	0.00	0.11	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
07/25/97	g38	141143	0.12	0.21	0.00	0.21	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
07/25/97	g6	141144	0.05	0.12	0.00	0.12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
07/25/97	g102	141145	0.03	0.31	0.00	0.31	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.22
07/25/97	g8	141146	0.03	0.16	0.00	0.16	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
07/25/97	g46	141147	0.07	0.15	0.00	0.15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.04
07/25/97	g58	141148	0.17	0.11	0.00	0.11	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.07
07/25/97	g50	141149	2.99	0.19	0.00	0.19	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
07/25/97	g105	141150	0.05	0.26	0.00	0.26	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.04
07/25/97	g40	141151	0.05	0.22	0.00	0.22	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.10
07/25/97	g52	141152	0.24	0.27	0.00	0.27	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
07/25/97	g34	141153	0.06	0.32	0.00	0.32	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.05
07/25/97	g60	141154	0.18	0.21	0.00	0.21	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
07/25/97	g48	141155	0.24	0.23	0.00	0.23	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
07/25/97	g42	141156	0.01	0.18	0.00	0.18	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
07/25/97	g36	141159	0.04	0.13	0.00	0.13	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
07/25/97	g1	141160	0.06	0.23	0.00	0.21	0.00	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00
07/25/97	g10	141161	0.14	0.29	0.00	0.29	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.05

GORE SORBER SCREENING SURVEY ANALYTICAL RESULTS
BROWN AND ROOT ENVIRONMENTAL, OAK RIDGE, TN
GORE CUSTOM TARGET LIST (A7)
NAVAL TRAINING CENTER, ORLANDO, FL.
SITE ADR - PRODUCTION ORDER #073726

DATE ANALYZED	Map Designation	MODULE NUMBER	TPH, est.ug.	BTEX, ug	BENZ, ug	TOL, ug	EtBENZ, ug	mpXYL, ug	oXYL, ug	ct12DCE, ug	t12DCE, ug	c12DCE, ug	11DCE, ug	11DCA, ug	CHCl3, ug
		MDL=		0.02	0.03	0.03	0.02	0.02	0.07	0.02	0.03	0.02	0.01	0.05	0.01
07/25/97	g12	141162	0.04	0.27	0.00	0.25	0.00	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.03
07/25/97	g56	141163	0.01	0.06	0.00	0.06	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
07/25/97	g107	141164	0.96	0.42	0.00	0.42	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
07/24/97	g118	141165	14.52	0.10	0.00	0.07	0.00	0.01	0.02	0.00	0.00	0.00	0.00	0.00	0.01
07/24/97	g126	141167	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
07/24/97	g132	141168	0.18	0.05	0.00	0.05	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
07/24/97	g142	141169	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
07/24/97	g136	141170	14.90	0.06	0.05	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
07/24/97	g119	141171	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
07/24/97	g122	141172	0.17	0.10	0.00	0.06	0.00	0.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00
07/24/97	g124	141173	0.24	0.05	0.00	0.05	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
07/24/97	g130	141174	1.70	0.21	0.08	0.04	0.04	0.05	0.00	0.00	0.00	0.00	0.00	0.00	0.00
07/25/97	g144	141175	0.09	0.09	0.00	0.07	0.00	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00
07/26/97	s104	141179	0.11	0.16	0.00	0.16	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
07/26/97	s117	141181	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
07/25/97	s118	141182	1.44	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
07/25/97	s119	141183	2.26	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
07/25/97	s153	141184	4.78	0.08	0.00	0.06	0.00	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00
07/25/97	s109	141186	1.54	0.03	0.00	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.02
07/25/97	s152	141187	26.59	0.21	0.06	0.11	0.00	0.03	0.01	0.00	0.00	0.00	0.00	0.00	0.04
07/25/97	s99	141188	0.25	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.03
07/25/97	g158	141189	0.27	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.06
07/25/97	g156	141190	0.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
07/25/97	g150	141191	0.04	0.04	0.00	0.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.05
07/25/97	g16	141192	0.25	0.31	0.12	0.14	0.00	0.05	0.00	0.00	0.00	0.00	0.00	0.00	0.00
07/25/97	g24	141193	0.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
07/25/97	g32	141194	0.03	0.06	0.00	0.06	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
07/25/97	g152	141195	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
07/25/97	g146	141196	1.25	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
07/25/97	g18	141198	11.15	0.24	0.04	0.17	0.00	0.02	0.01	0.00	0.00	0.00	0.00	0.00	0.00
07/25/97	g26	141199	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
07/25/97	g28	141200	0.05	0.08	0.00	0.08	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
07/25/97	g154	141201	0.06	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
07/25/97	g14	141202	0.13	0.22	0.05	0.14	0.00	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.06
07/25/97	g20	141203	0.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
07/26/97		TB1 - 141177	0.04	0.09	0.00	0.09	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

		TPH, est.ug.	BTEX, ug	BENZ, ug	TOL, ug	EtBENZ, ug	mpXYL, ug	oXYL, ug	ct12DCE, ug	t12DCE, ug	c12DCE, ug	11DCE, ug	11DCA, ug	CHCl3, ug
	Maximum	1111.69	255.83	162.78	108.95	24.66	78.38	28.14	0.30	0.07	0.23	0.04	0.00	0.39
	Standard Dev.	120.04	24.27	12.88	8.58	2.08	6.18	2.22	0.02	0.01	0.02	0.00	0.00	0.06
	Mean	22.70	2.91	1.13	0.86	0.23	0.51	0.18	0.00	0.00	0.00	0.00	0.00	0.03

GORE SORBER SCREENING SURVEY ANALYTICAL RESULTS
BROWN AND ROOT ENVIRONMENTAL, OAK RIDGE, TN
GORE CUSTOM TARGET LIST (A7)
NAVAL TRAINING CENTER, ORLANDO, FL.
SITE ADR - PRODUCTION ORDER #073726

MODULE NUMBER	111TCA, ug	12DCA, ug	CCl4, ug	TCE, ug	112TCA, ug	PCE, ug	ClBENZ, ug	1112TetCE, ug	1122TetCE, ug	13DCB, ug	14DCB, ug	12DCB, ug
MDL=	0.02	0.01	0.02	0.03	0.02	0.02	0.01	0.02	0.02	0.03	0.02	0.02
141016	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
141017	0.00	0.00	0.00	0.00	0.00	5.68	0.00	0.00	0.00	0.00	0.00	0.00
141018	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
141019	0.00	0.00	0.00	0.00	0.00	0.08	0.00	0.00	0.00	0.00	0.00	0.00
141020	0.00	0.00	0.00	0.00	0.00	6.68	0.00	0.00	0.00	0.00	0.00	0.00
141021	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
141022	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
141023	0.00	0.00	0.00	0.00	0.00	0.02	0.00	0.00	0.00	0.00	0.00	0.00
141024	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
141025	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
141026	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
141027	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
141028	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
141029	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
141030	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
141031	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
141032	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
141033	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
141034	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
141035	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
141036	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
141037	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
141038	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
141039	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
141040	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
141042	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
141045	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
141047	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
141048	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
141049	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
141050	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
141051	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
141052	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
141054	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
141055	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
141056	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
141057	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
141058	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
141059	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
141060	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
141061	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
141062	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

GORE SORBER SCREENING SURVEY ANALYTICAL RESULTS
BROWN AND ROOT ENVIRONMENTAL, OAK RIDGE, TN
GORE CUSTOM TARGET LIST (A7)
NAVAL TRAINING CENTER, ORLANDO, FL.
SITE ADR - PRODUCTION ORDER #073726

MODULE NUMBER	111TCA, ug	12DCA, ug	CCl4, ug	TCE, ug	112TCA, ug	PCE, ug	ClBENZ, ug	1112TetCE, ug	1122TetCE, ug	13DCB, ug	14DCB, ug	12DCB, ug
MDL=	0.02	0.01	0.02	0.03	0.02	0.02	0.01	0.02	0.02	0.03	0.02	0.02
141065	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
141066	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
141067	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
141068	0.00	0.00	0.00	0.00	0.00	0.00	0.08	0.00	0.00	0.00	0.00	0.00
141069	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.15	0.01
141070	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
141071	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
141072	0.00	0.12	0.00	0.33	0.00	0.03	20.12	0.00	0.00	0.07	3.23	1.03
141073	0.00	0.00	0.00	0.00	0.00	0.00	2.31	0.00	0.00	0.00	0.80	0.00
141074	0.00	0.00	0.00	0.00	0.00	0.00	0.11	0.00	0.00	0.00	0.00	0.00
141075	0.00	0.00	0.00	0.00	0.00	0.00	0.18	0.00	0.00	0.00	0.00	0.00
141076	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00
141077	0.00	0.00	0.00	0.00	0.00	3.34	0.00	0.00	0.00	0.00	0.00	0.00
141078	0.00	0.00	0.00	0.00	0.00	2.73	0.00	0.00	0.00	0.00	0.00	0.00
141079	0.00	0.00	0.00	0.04	0.00	0.00	237.15	0.00	0.00	0.00	2.68	0.00
141080	0.00	0.00	0.00	0.00	0.00	0.00	0.53	0.00	0.00	0.00	0.00	0.00
141081	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
141082	0.00	0.00	0.00	0.00	0.00	0.03	0.00	0.00	0.00	0.00	0.00	0.00
141083	0.00	0.00	0.00	0.00	0.00	0.50	0.00	0.00	0.00	0.00	0.00	0.00
141084	0.96	0.00	0.00	1.43	0.00	1.55	0.00	0.00	0.00	0.00	0.00	0.00
141085	0.00	0.00	0.00	0.00	0.00	0.00	0.04	0.00	0.00	0.00	0.00	0.00
141086	0.00	0.00	0.00	0.00	0.00	0.06	0.00	0.00	0.00	0.00	0.00	0.00
141087	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
141088	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
141089	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
141090	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00
141091	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
141092	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
141093	0.00	0.00	0.00	0.00	0.00	0.00	0.02	0.00	0.00	0.00	0.00	0.00
141094	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.03	0.00
141095	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
141096	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
141097	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
141098	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
141099	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
141100	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
141101	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
141102	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
141104	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
141105	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
141106	0.00	0.00	0.00	0.00	0.00	0.00	0.17	0.00	0.00	0.00	0.00	0.00
141107	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

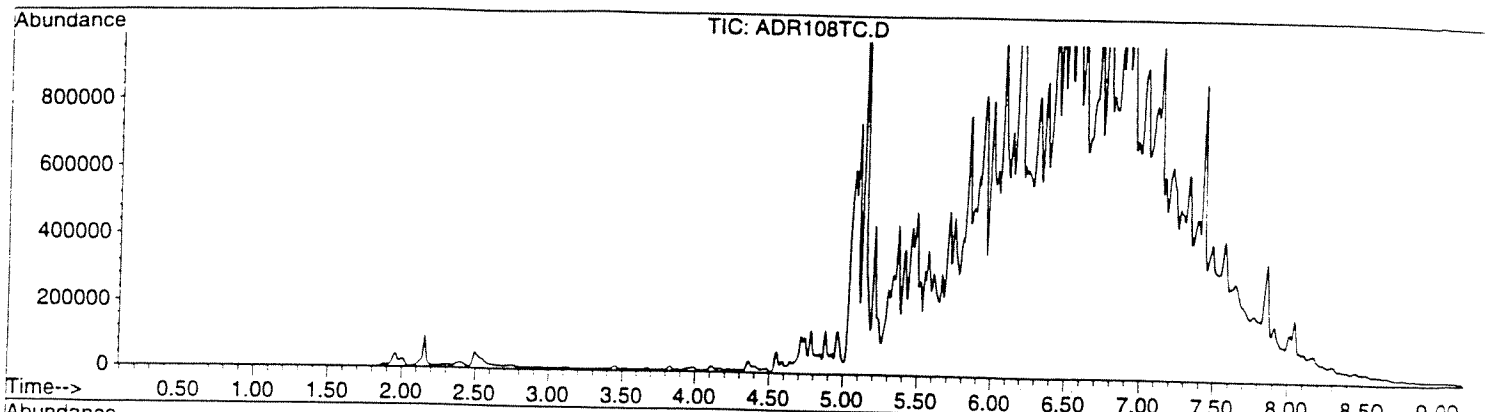
GORE SORBER SCREENING SURVEY ANALYTICAL RESULTS
BROWN AND ROOT ENVIRONMENTAL, OAK RIDGE, TN
GORE CUSTOM TARGET LIST (A7)
NAVAL TRAINING CENTER, ORLANDO, FL.
SITE ADR - PRODUCTION ORDER #073726

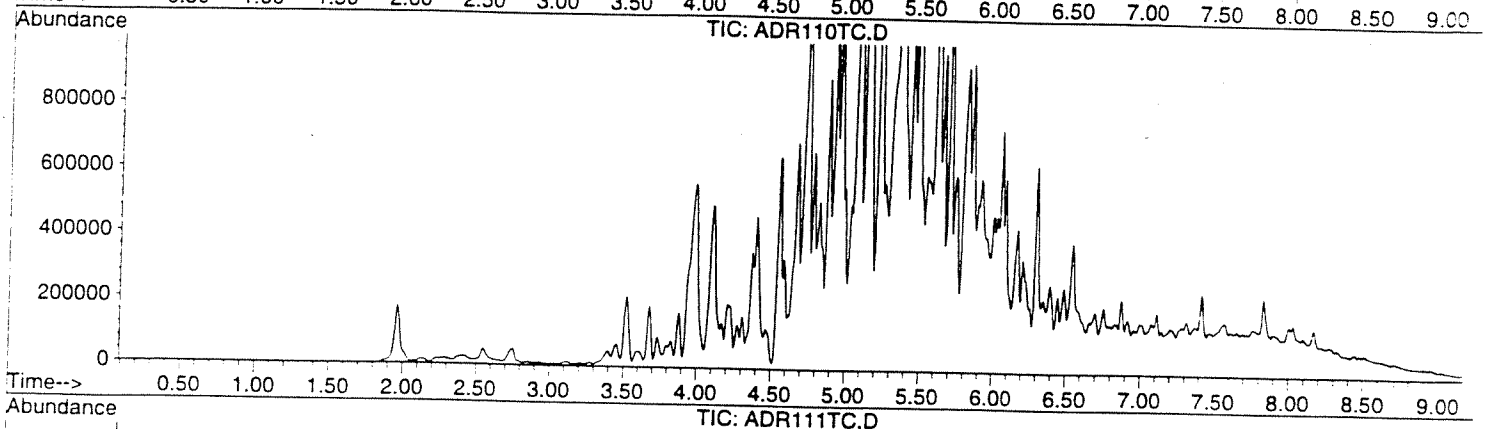
MODULE NUMBER	111TCA, ug	12DCA, ug	CCl4, ug	TCE, ug	112TCA, ug	PCE, ug	CIBENZ, ug	1112TetCE, ug	1122TetCE, ug	13DCB, ug	14DCB, ug	12DCB, ug
MDL=	0.02	0.01	0.02	0.03	0.02	0.02	0.01	0.02	0.02	0.03	0.02	0.02
141108	0.00	0.00	0.00	0.00	0.00	0.00	0.03	0.00	0.00	0.00	0.02	0.00
141110	0.00	0.00	0.00	0.00	0.00	0.00	1.83	0.00	0.00	0.04	2.62	0.30
141111	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
141112	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
141118	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
141119	0.00	0.00	0.00	0.00	0.00	0.00	0.06	0.00	0.00	0.00	0.00	0.00
141120	0.00	0.00	0.00	0.11	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
141121	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
141122	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
141123	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
141124	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
141127	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
141128	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
141129	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
141130	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
141131	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
141132	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
141133	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
141134	0.00	0.00	0.00	0.00	0.00	0.07	0.00	0.00	0.00	0.00	0.00	0.00
141135	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
141137	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
141139	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
141140	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
141141	0.00	0.00	0.00	0.00	0.00	0.03	0.00	0.00	0.00	0.00	0.00	0.00
141142	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
141143	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
141144	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
141145	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
141146	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
141147	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
141148	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
141149	0.00	0.00	0.00	0.00	0.00	0.18	0.00	0.00	0.00	0.00	0.00	0.00
141150	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
141151	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
141152	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
141153	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
141154	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
141155	0.00	0.00	0.00	0.00	0.00	0.08	0.00	0.00	0.00	0.00	0.00	0.00
141156	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
141159	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
141160	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
141161	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

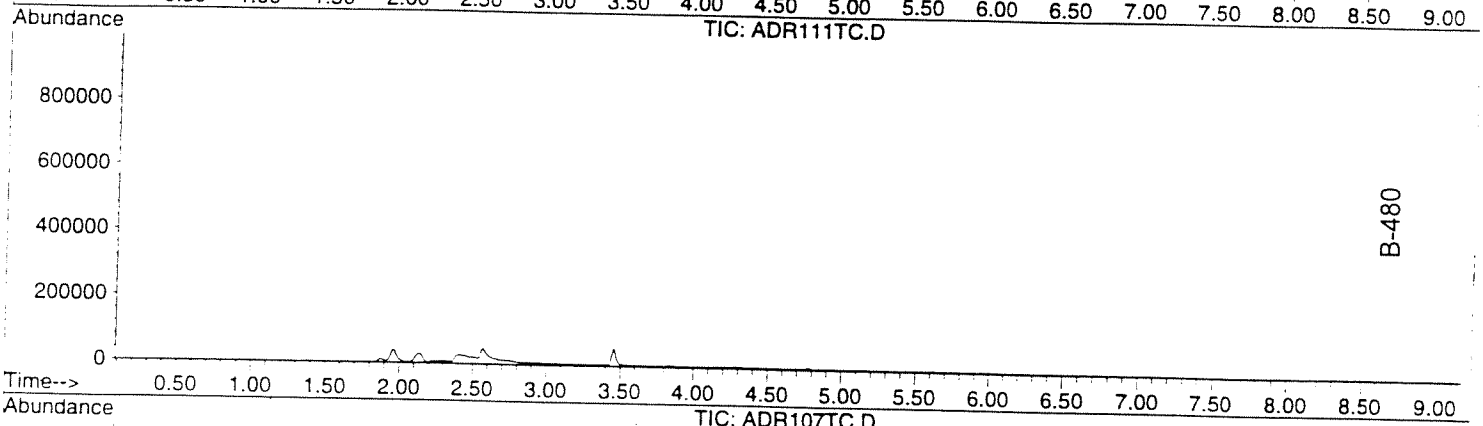
GORE SORBER SCREENING SURVEY ANALYTICAL RESULTS
BROWN AND ROOT ENVIRONMENTAL, OAK RIDGE, TN
GORE CUSTOM TARGET LIST (A7)
NAVAL TRAINING CENTER, ORLANDO, FL.
SITE ADR - PRODUCTION ORDER #073726

MODULE NUMBER	111TCA, ug	12DCA, ug	CCl4, ug	TCE, ug	112TCA, ug	PCE, ug	ClBENZ, ug	1112TetCE, ug	1122TetCE, ug	13DCB, ug	14DCB, ug	12DCB, ug
MDL=	0.02	0.01	0.02	0.03	0.02	0.02	0.01	0.02	0.02	0.03	0.02	0.02
141162	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
141163	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
141164	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
141165	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
141167	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
141168	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
141169	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
141170	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
141171	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
141172	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
141173	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
141174	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
141175	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
141179	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
141181	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
141182	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
141183	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
141184	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
141186	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
141187	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
141188	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
141189	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
141190	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
141191	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
141192	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
141193	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
141194	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
141195	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
141196	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
141198	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
141199	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
141200	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
141201	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
141202	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
141203	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
TB1 - 141177	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	111TCA, ug	12DCA, ug	CCl4, ug	TCE, ug	112TCA, ug	PCE, ug	ClBENZ, ug	1112TetCE, ug	1122TetCE, ug	13DCB, ug	14DCB, ug	12DCB, ug
Maximum	0.96	0.12	0.00	1.43	0.00	6.68	237.15	0.00	0.01	0.07	3.23	1.03
Standard Dev.	0.08	0.01	0.00	0.12	0.00	0.77	18.75	0.00	0.00	0.01	0 39	0 08
Mean	0.01	0.00	0.00	0.01	0.00	0.13	1.63	0.00	0.00	0.00	0.06	0 01

In Sequence Order







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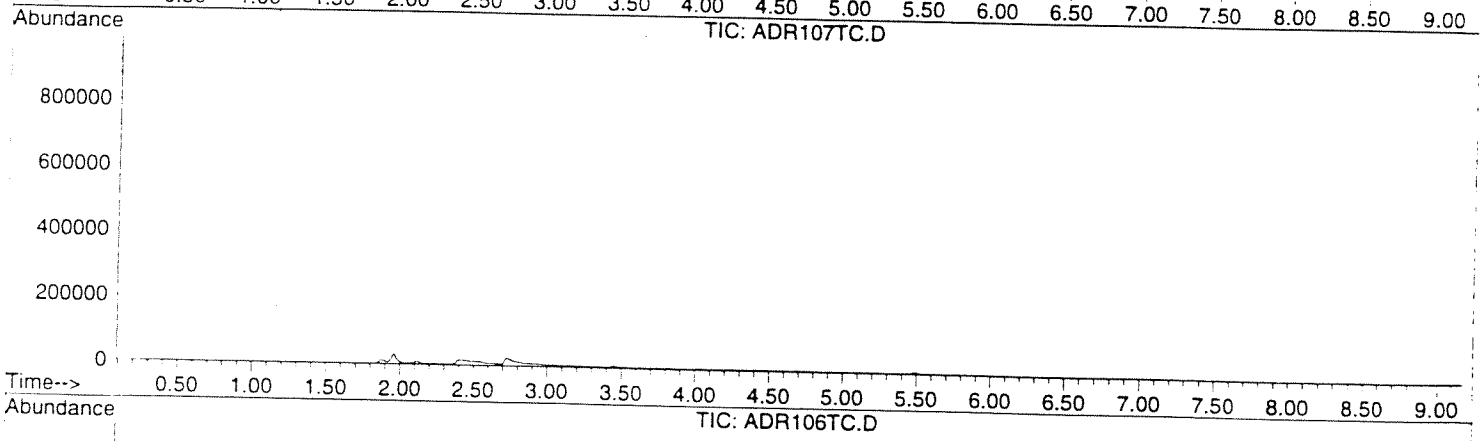

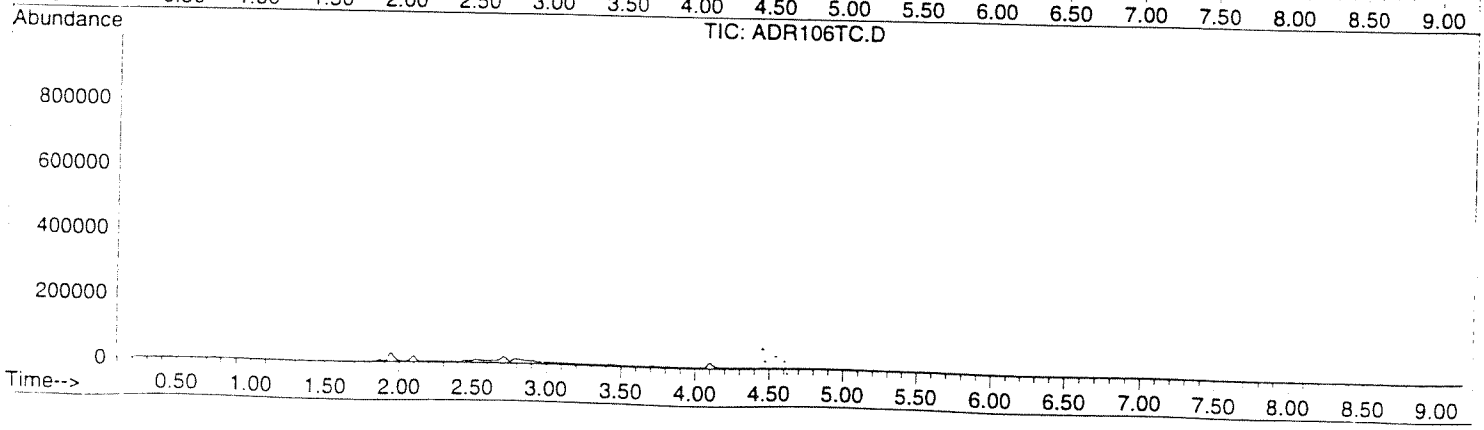

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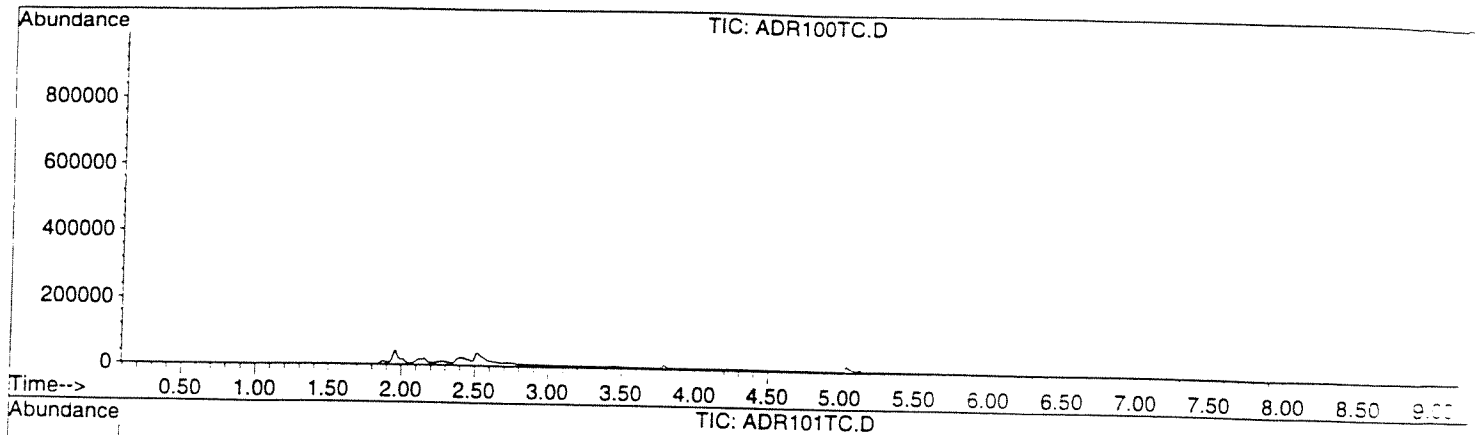

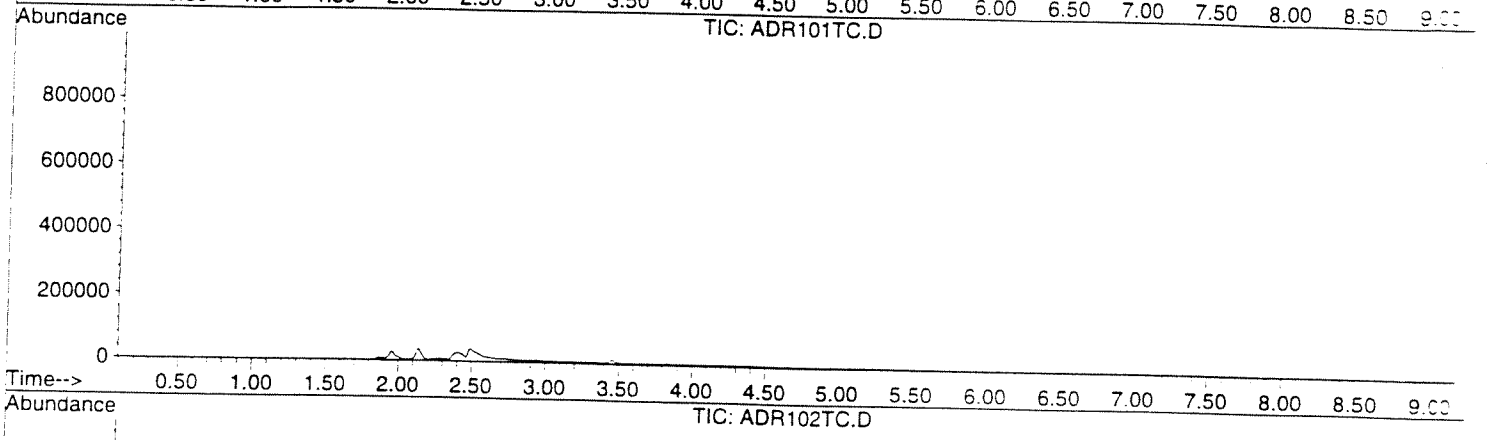

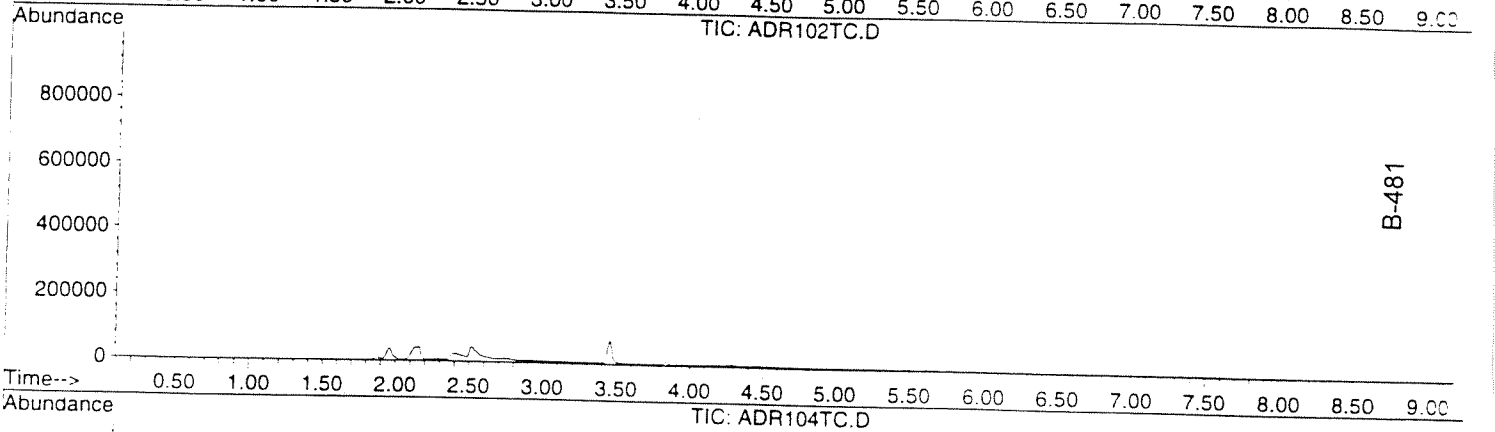

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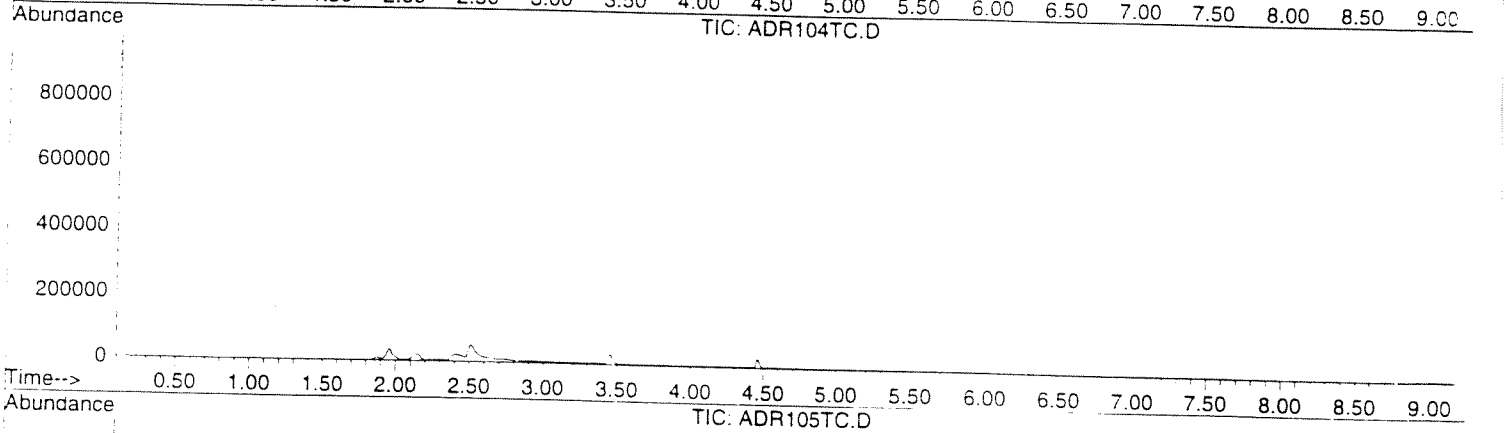

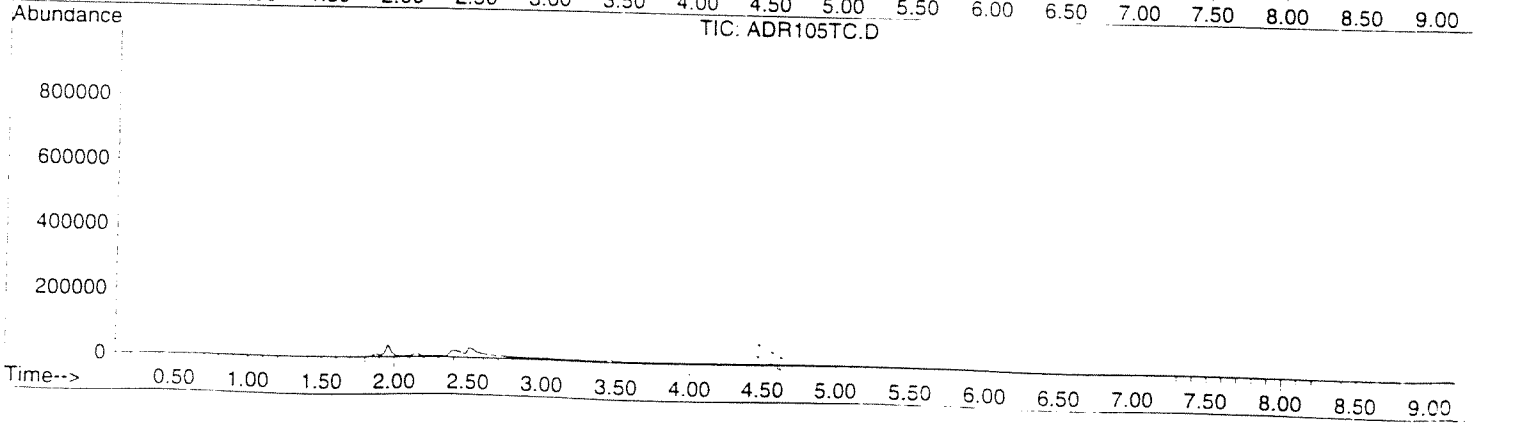

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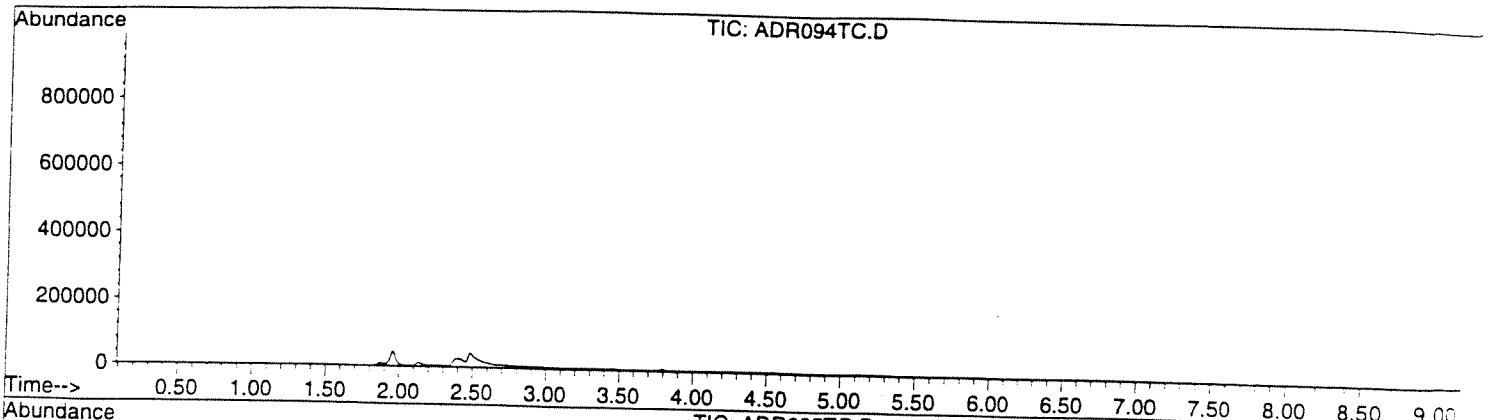

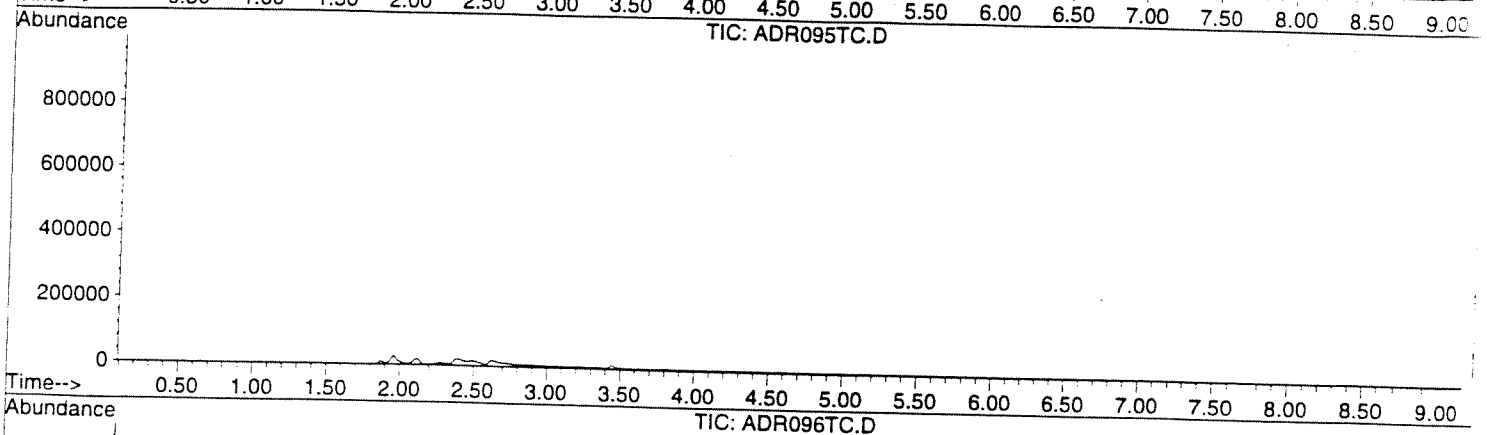

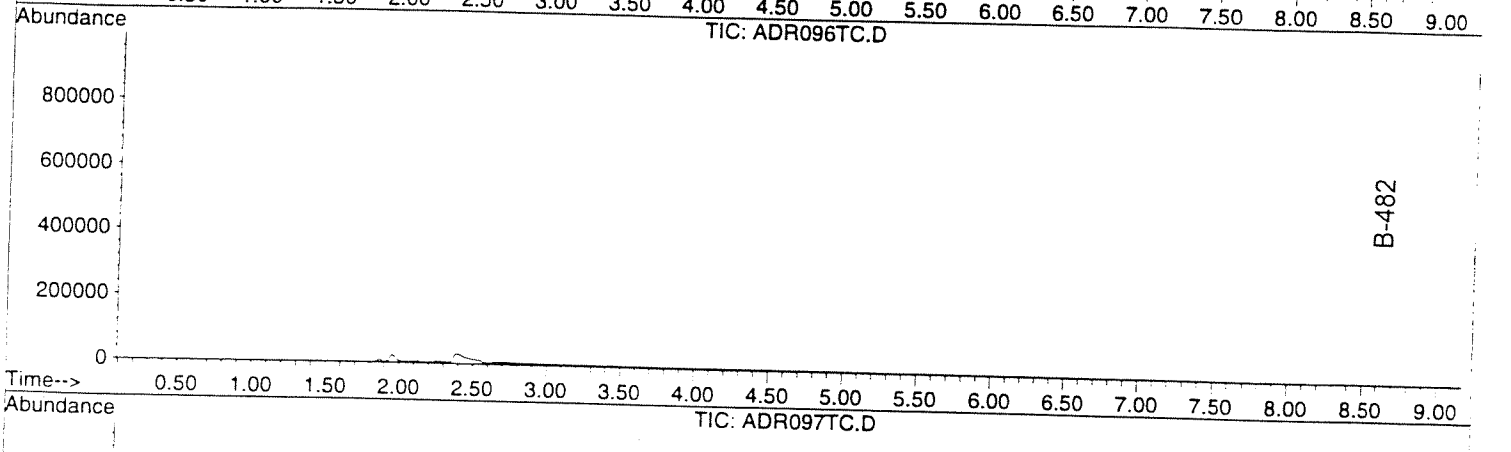

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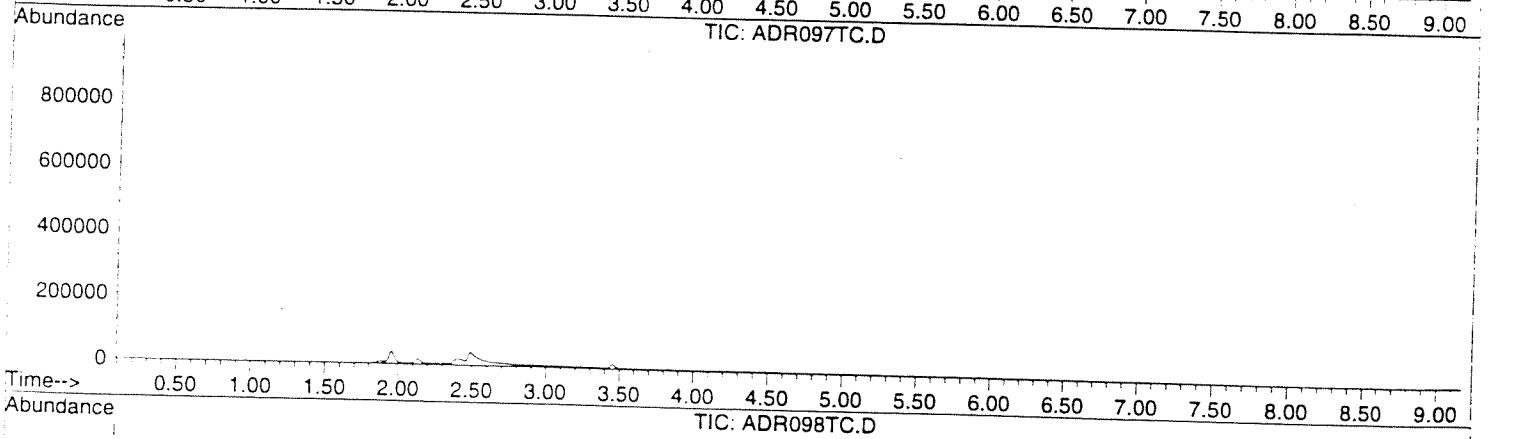

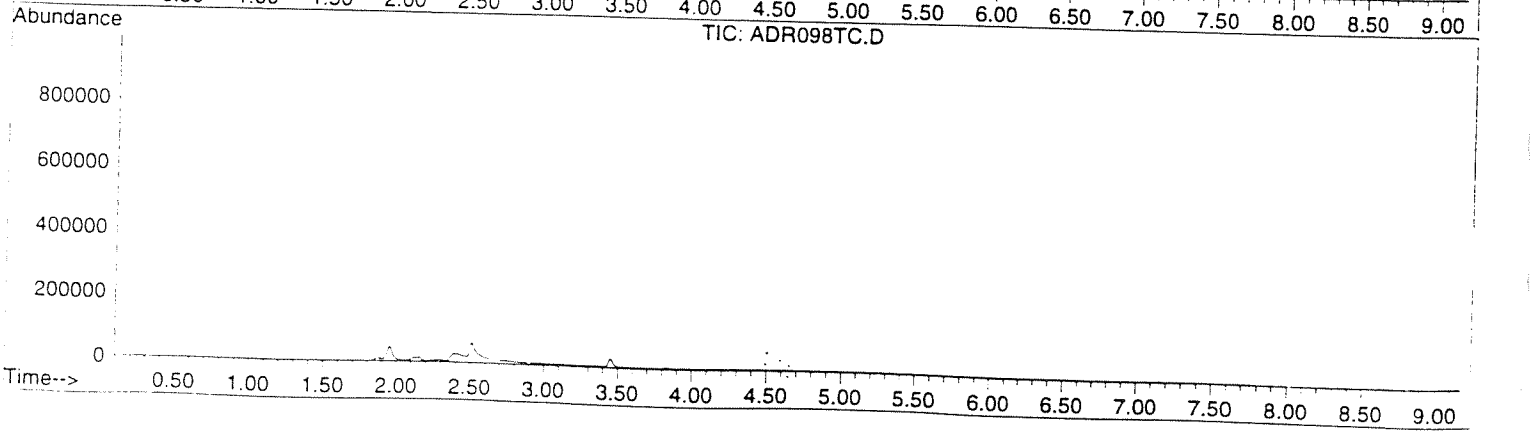

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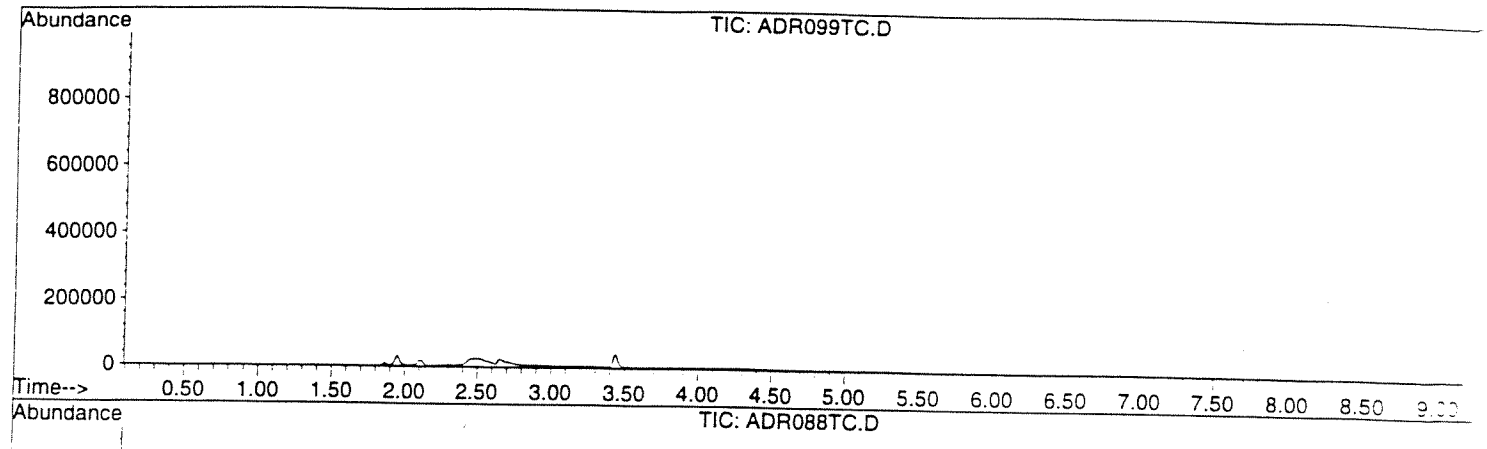

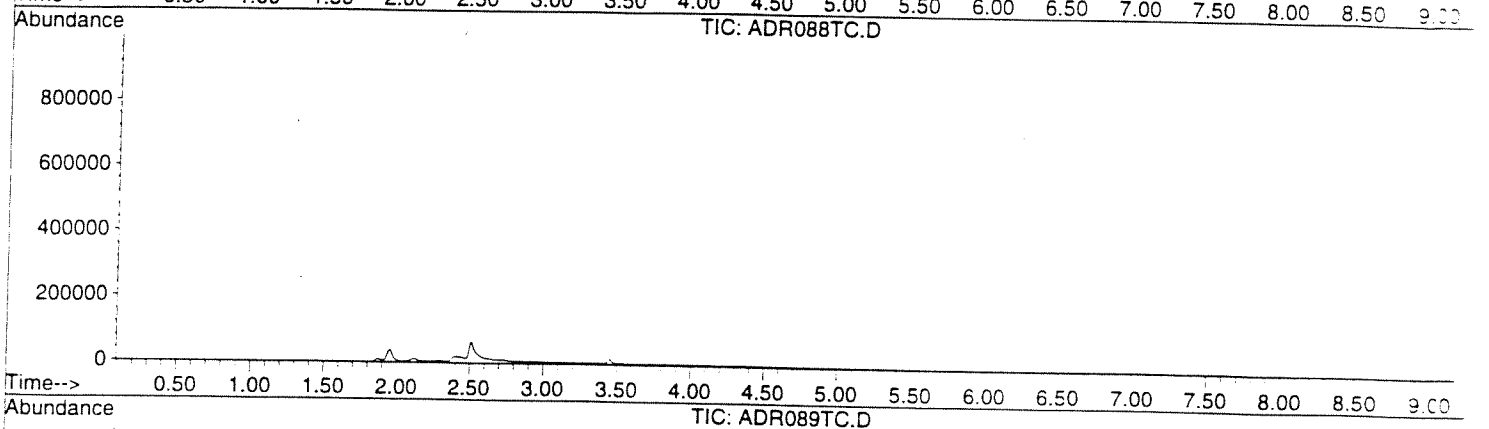

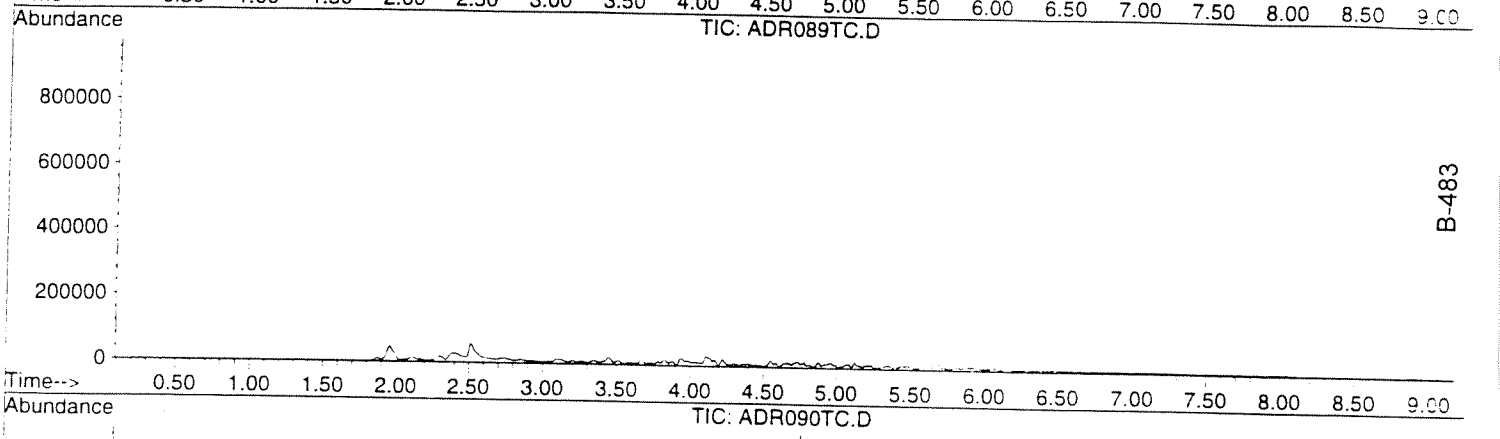

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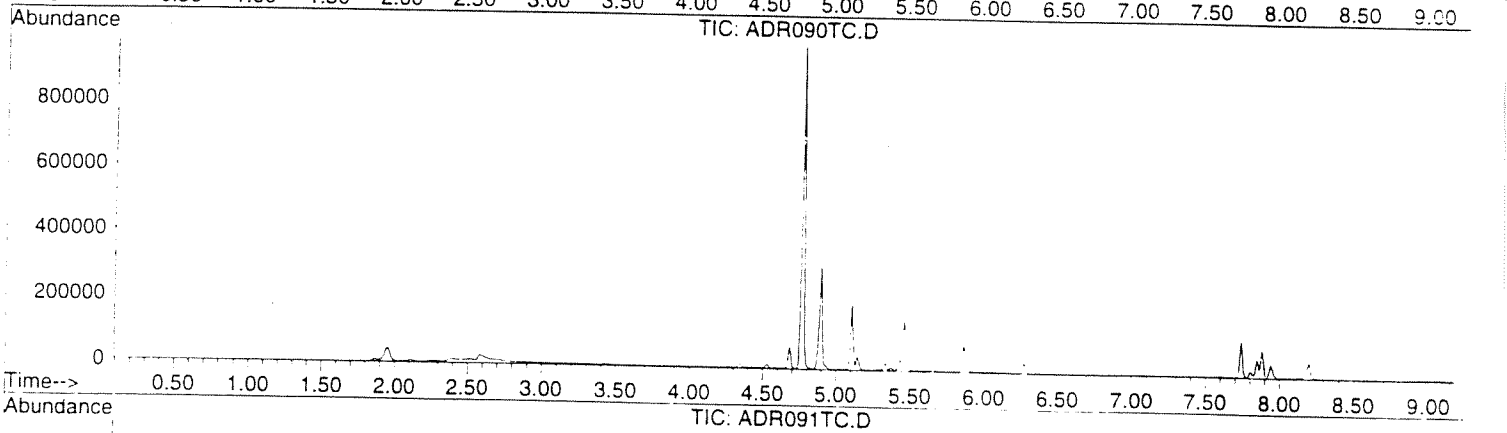

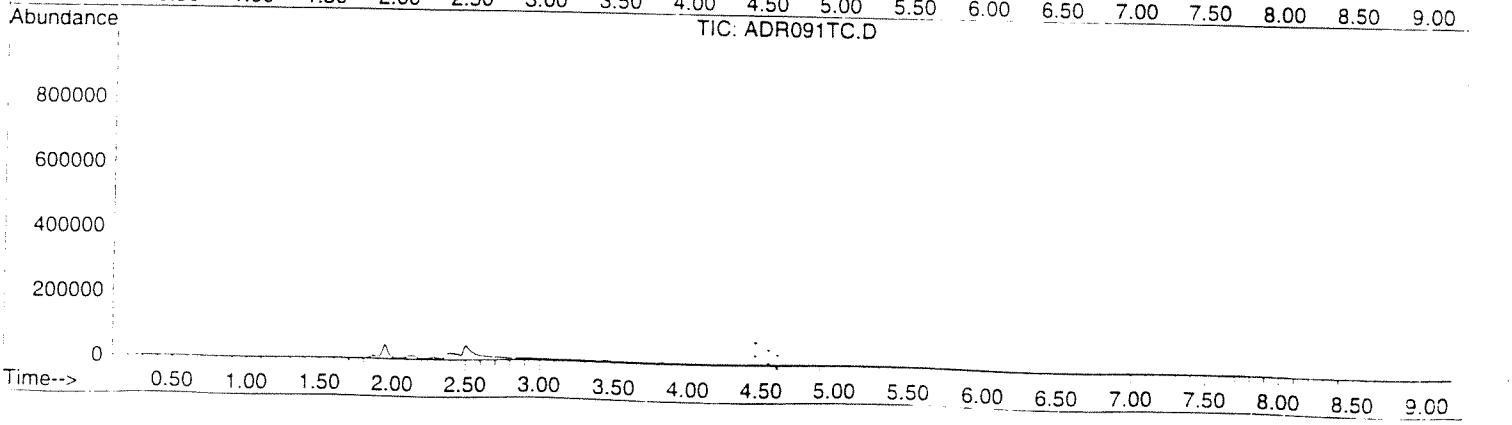

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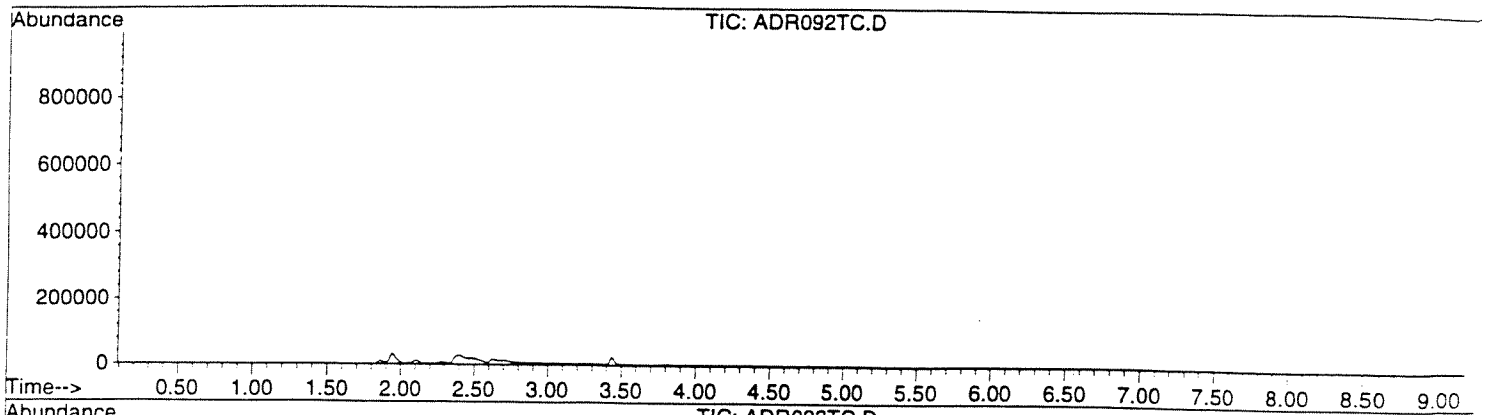

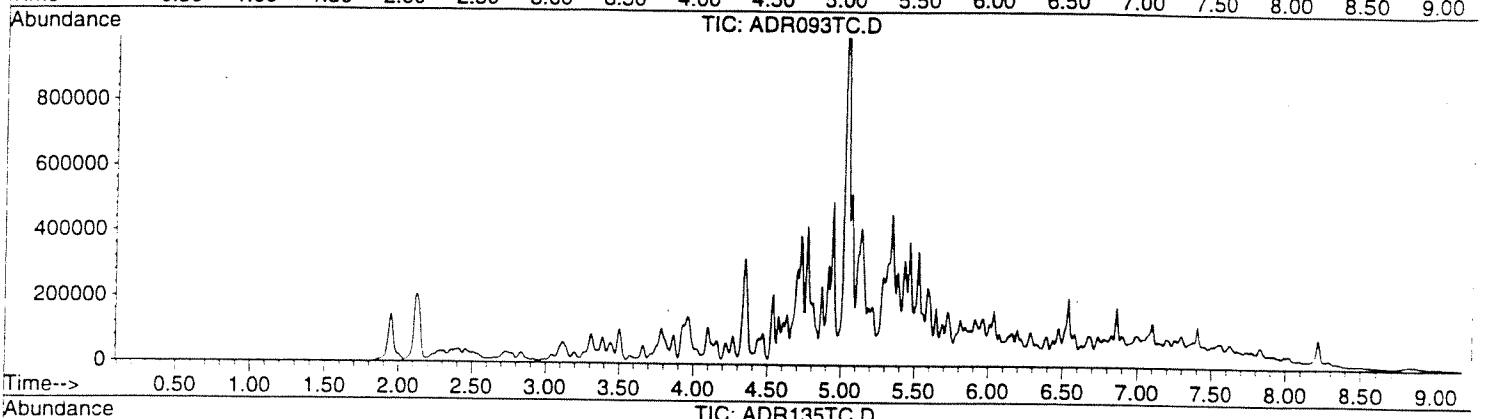

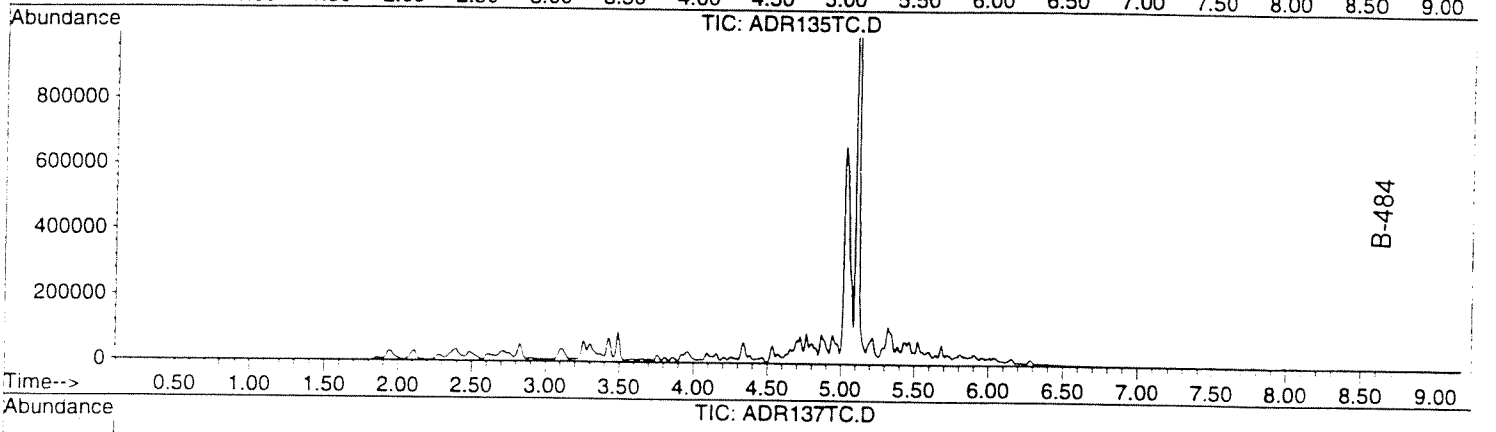

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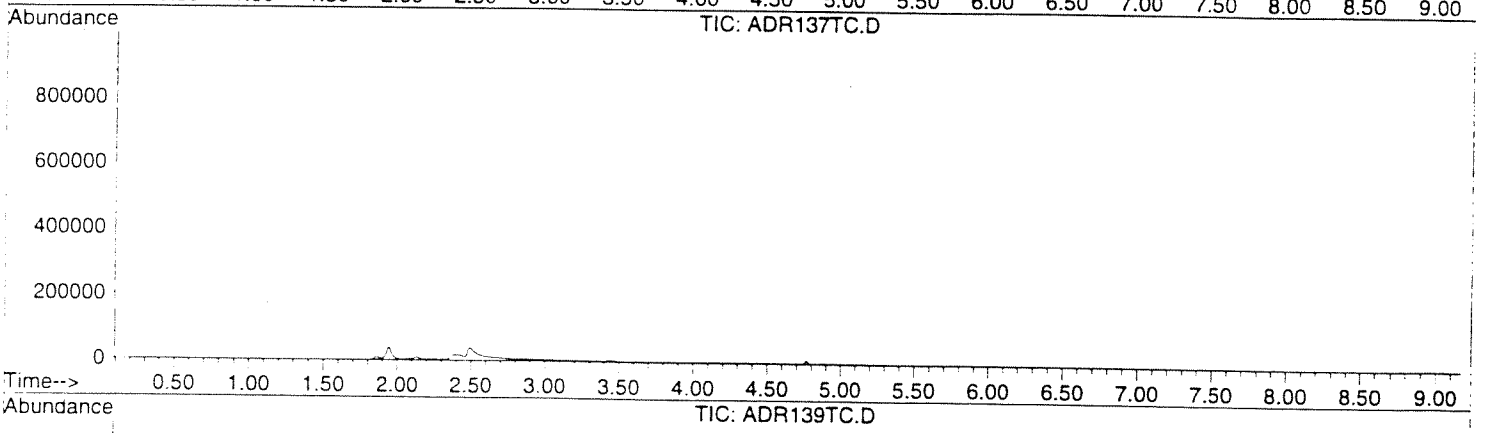

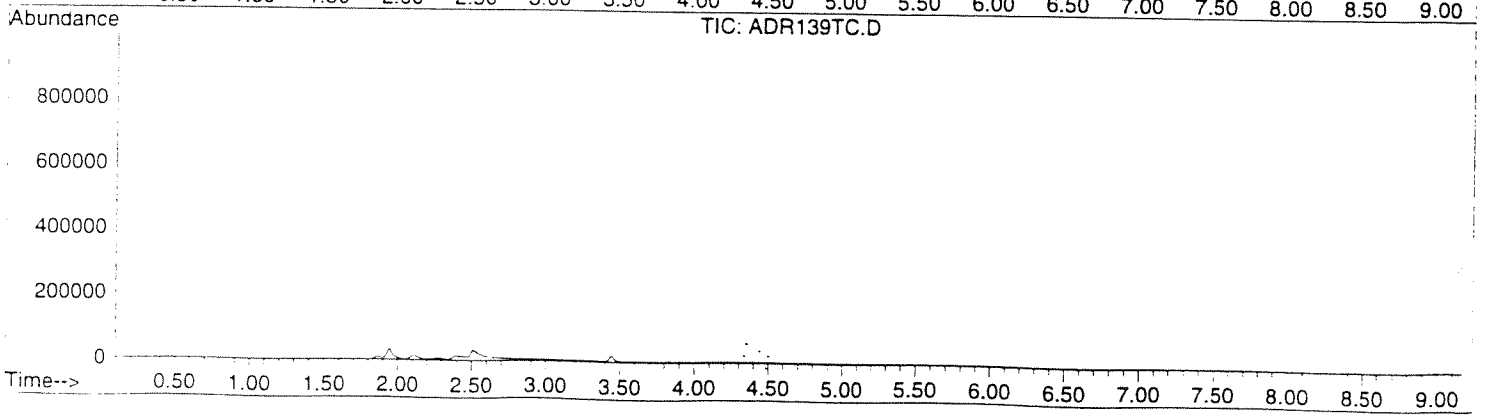

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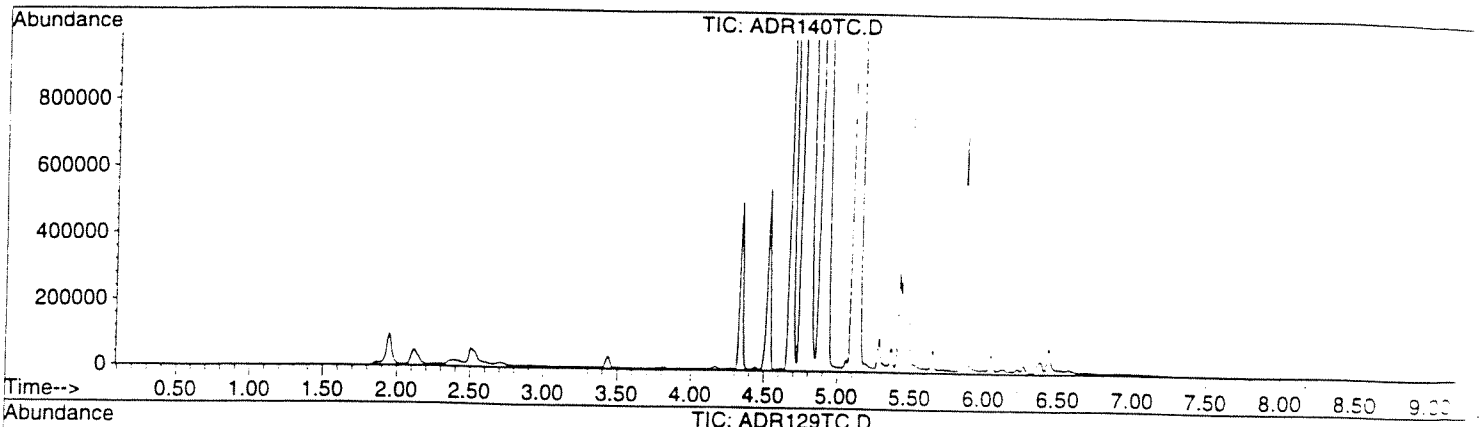

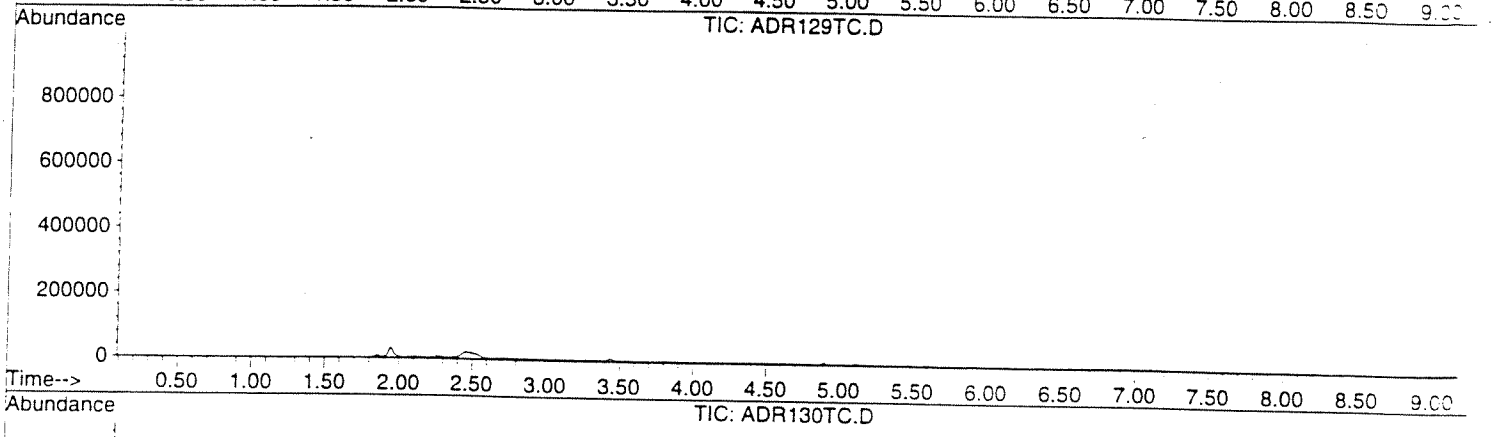

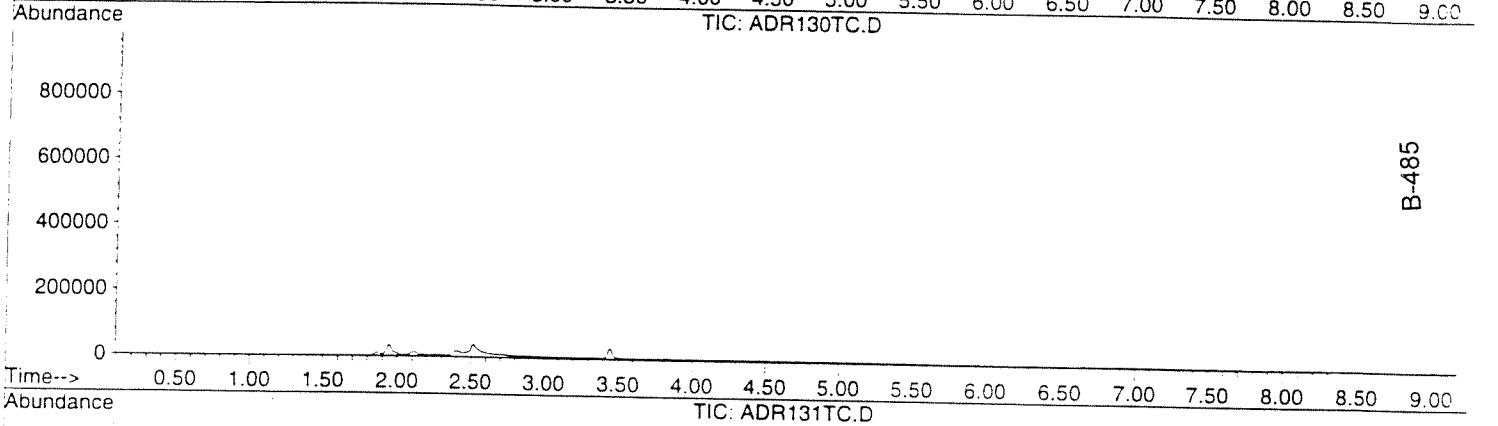

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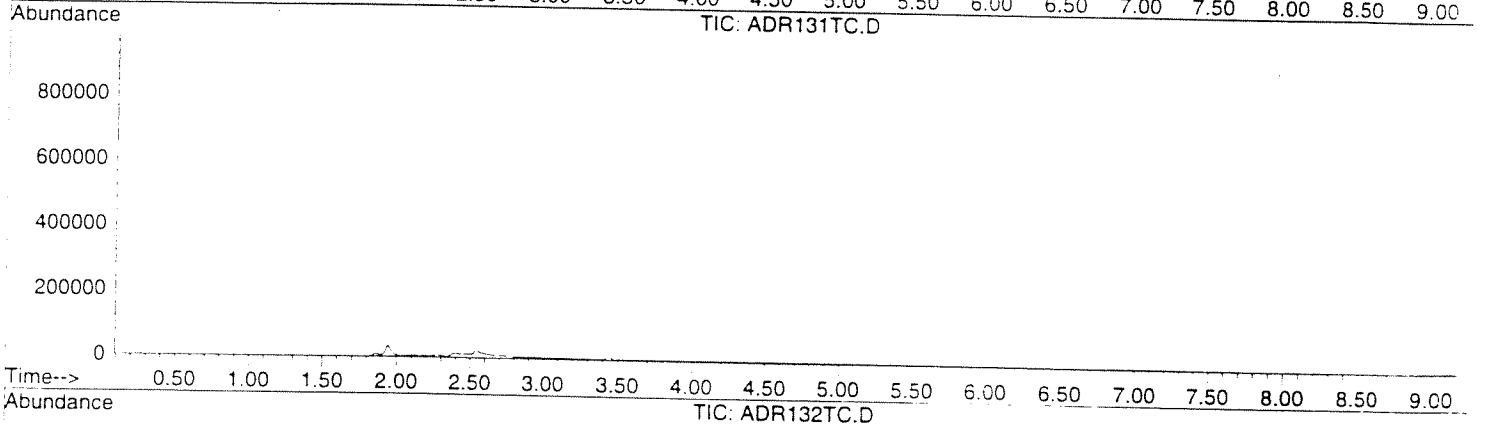

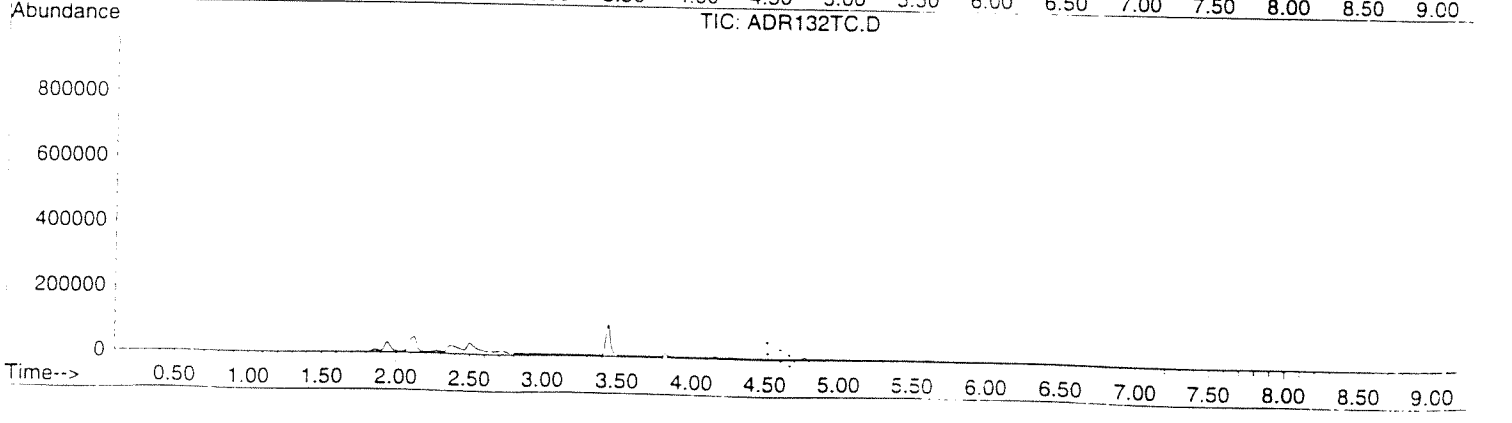

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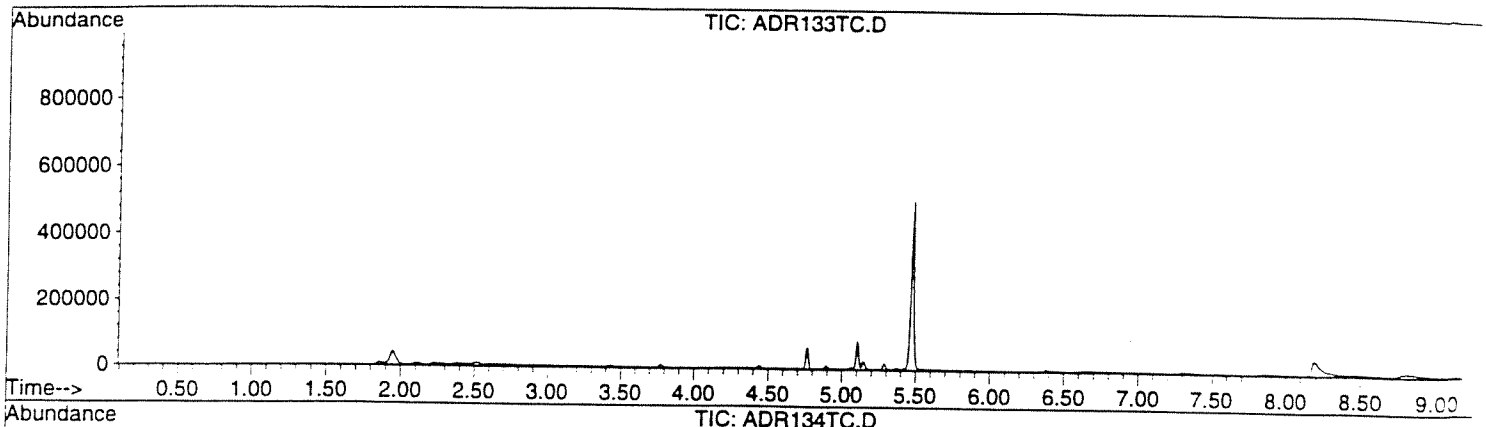

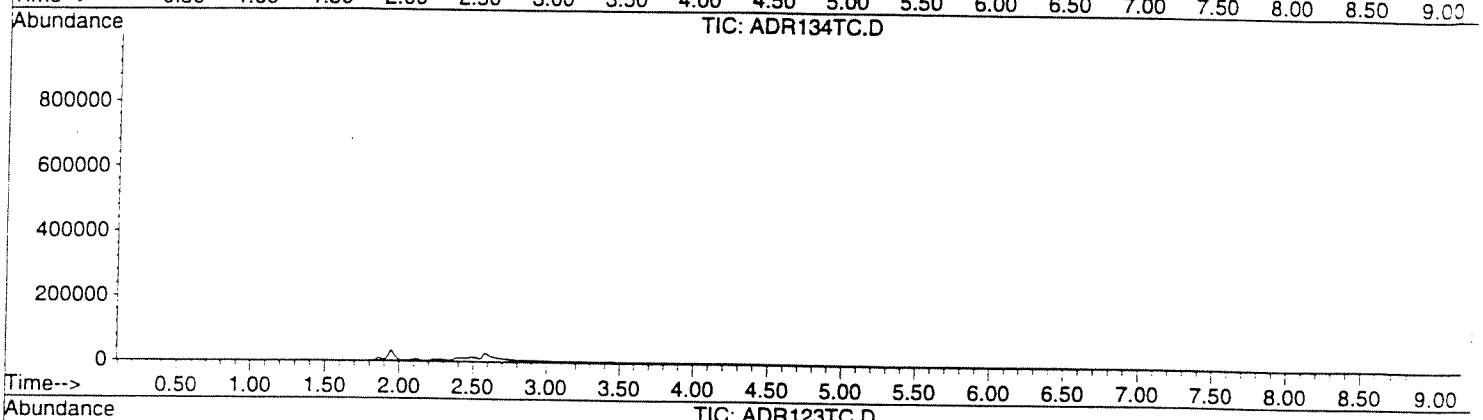

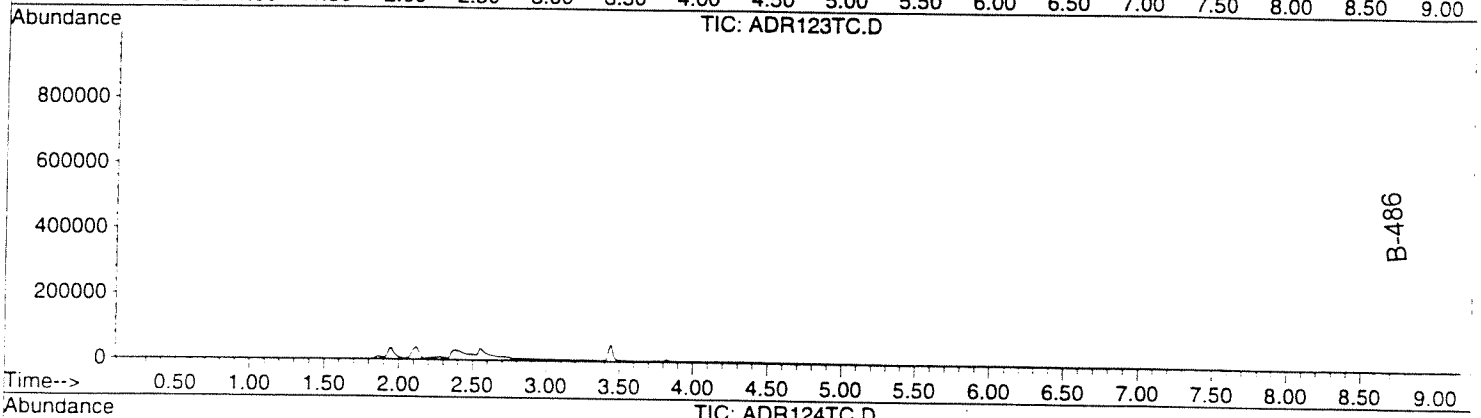

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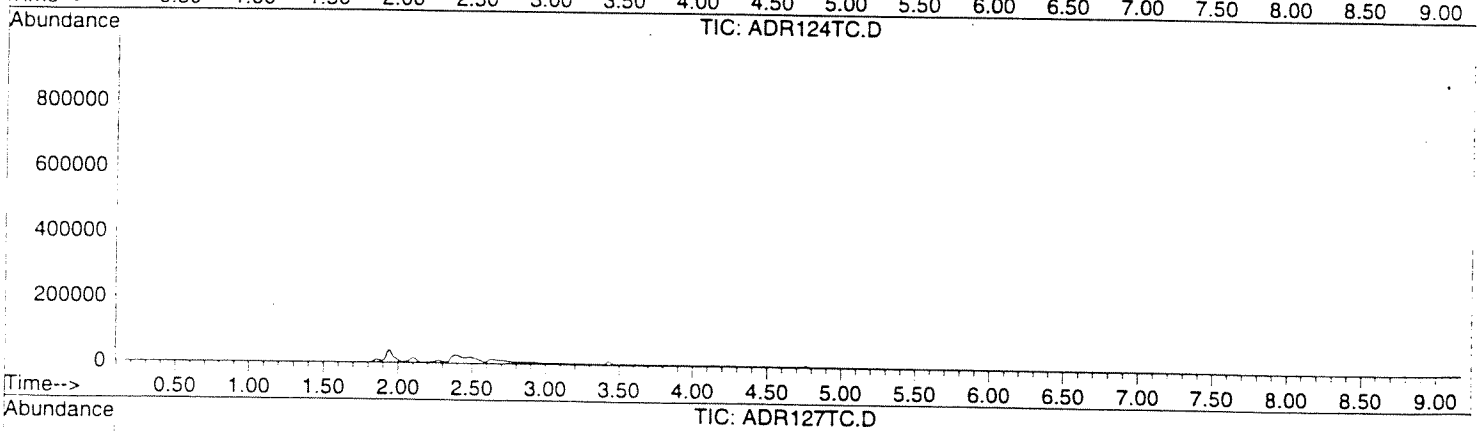

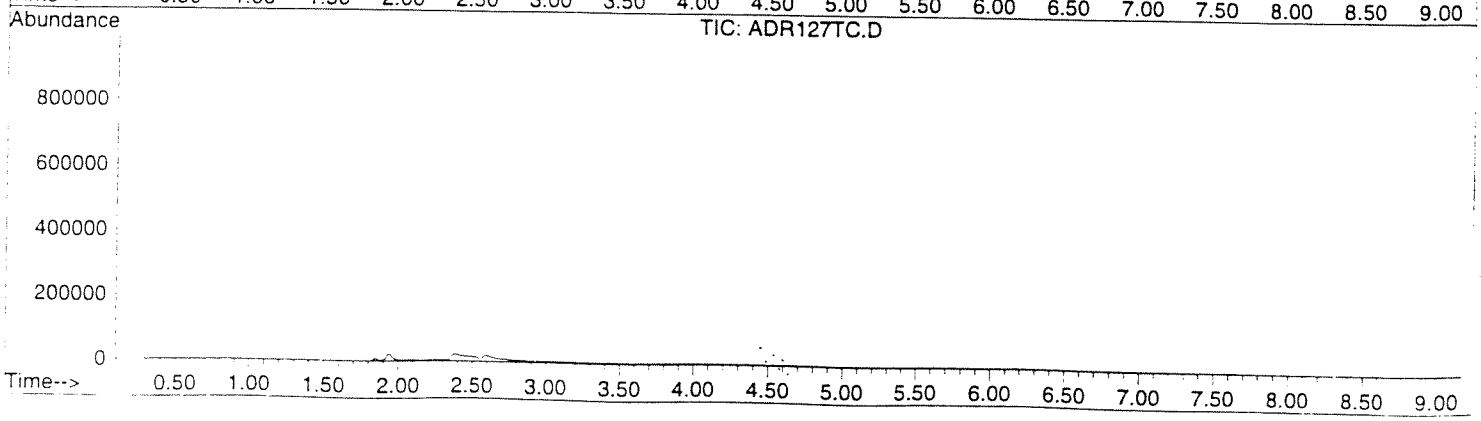

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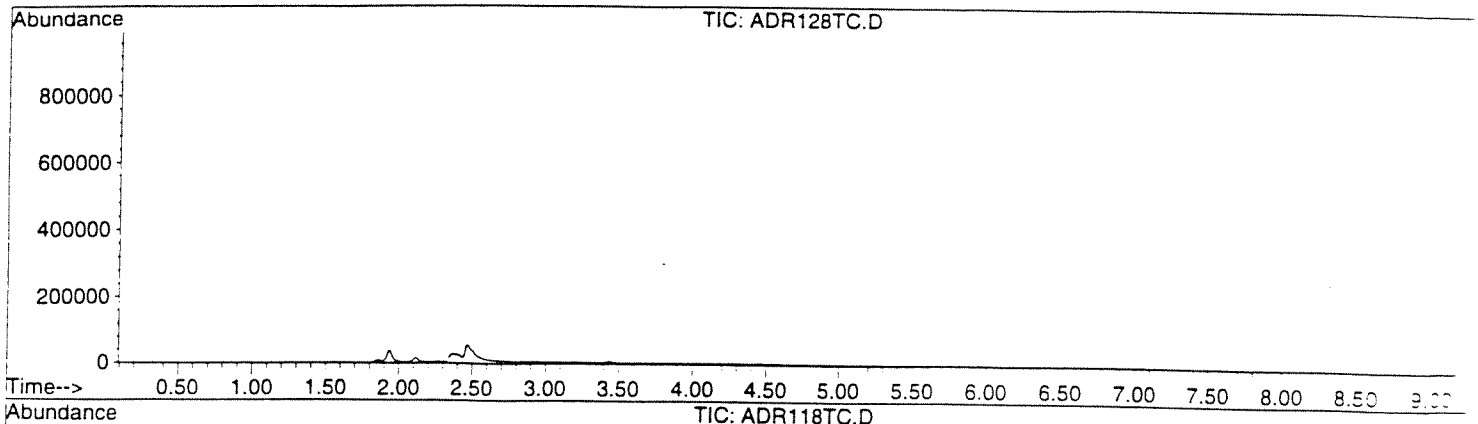

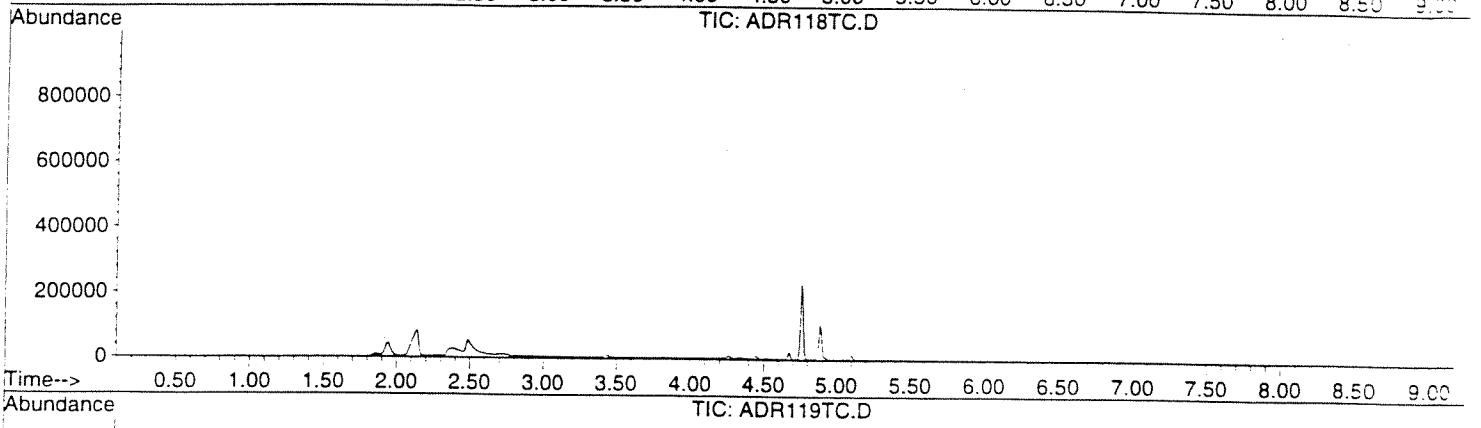

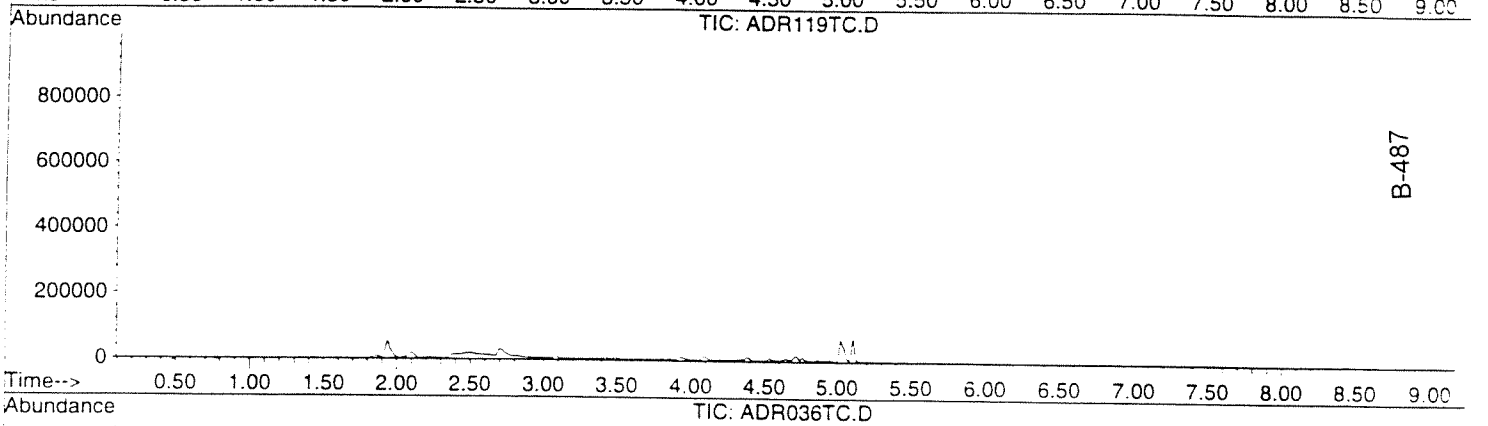

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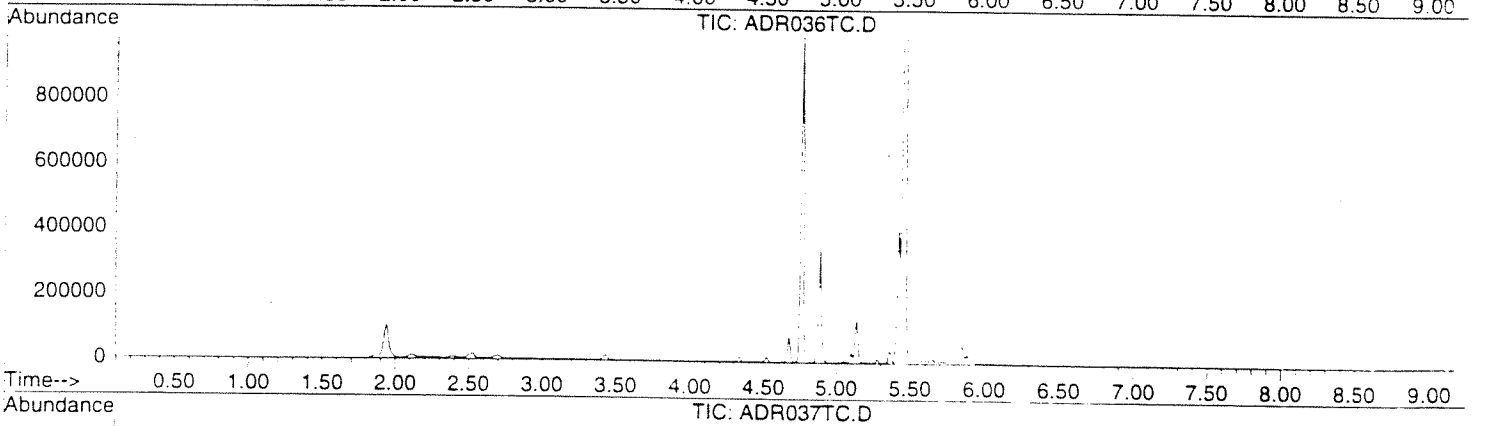

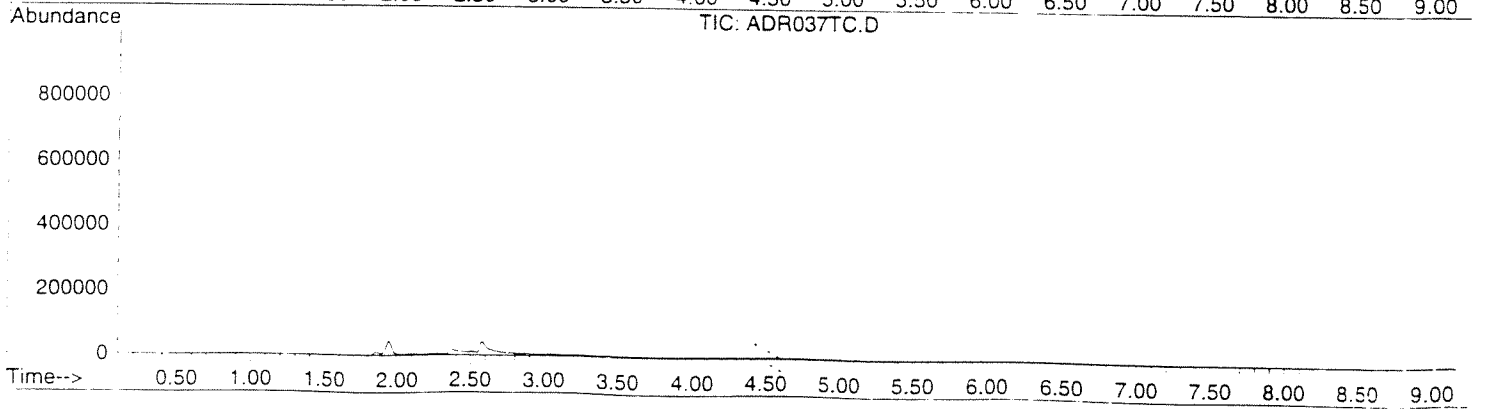

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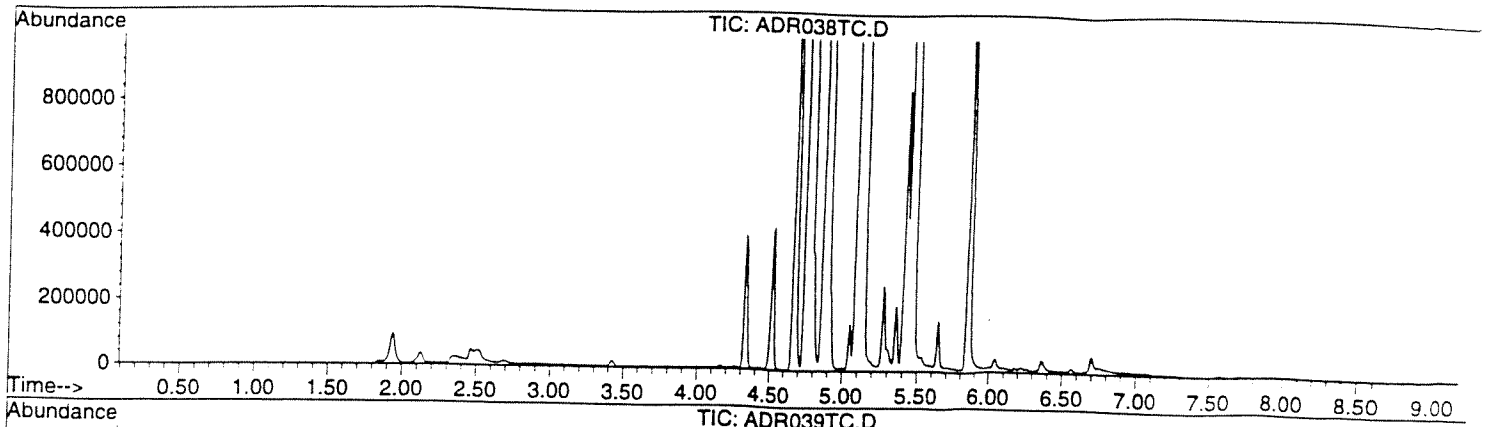

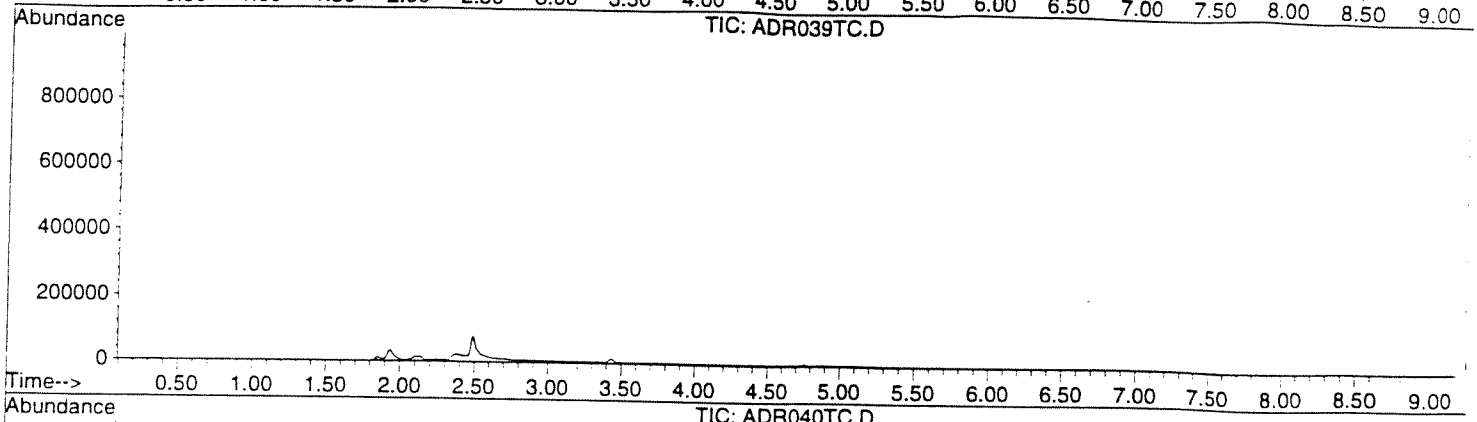

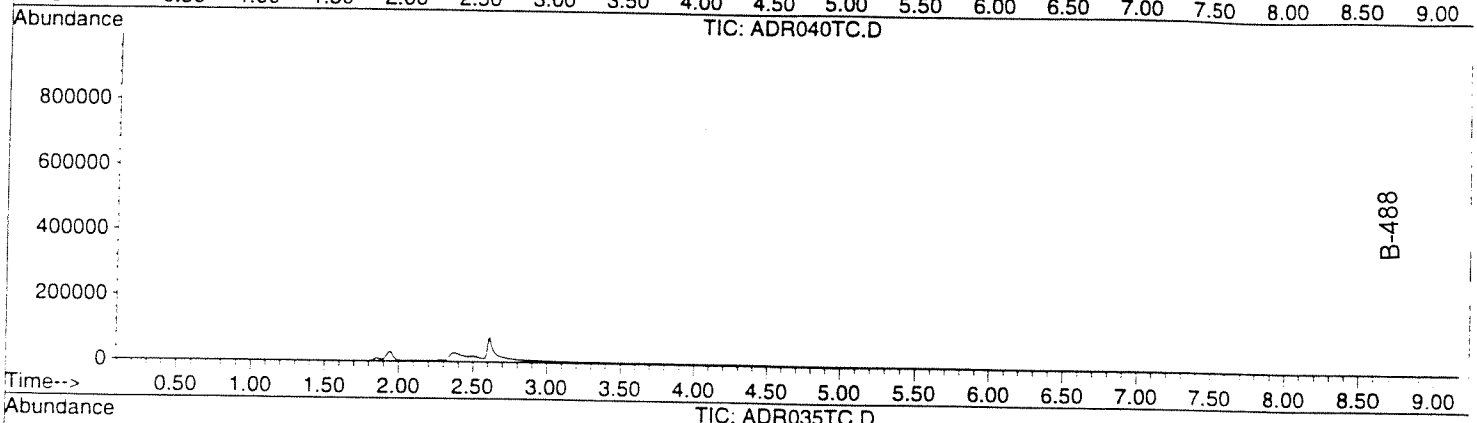

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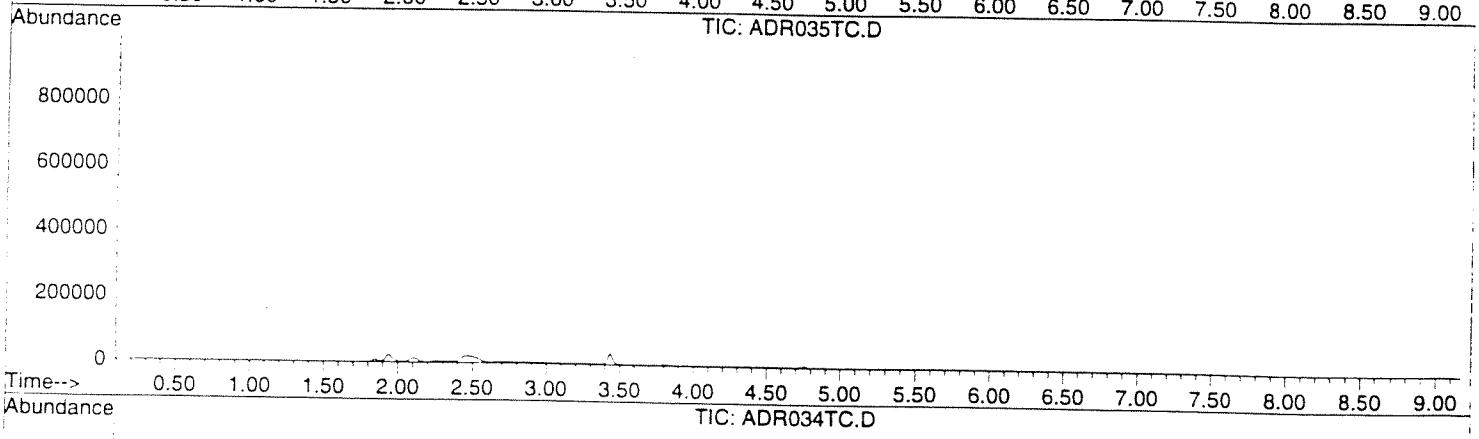

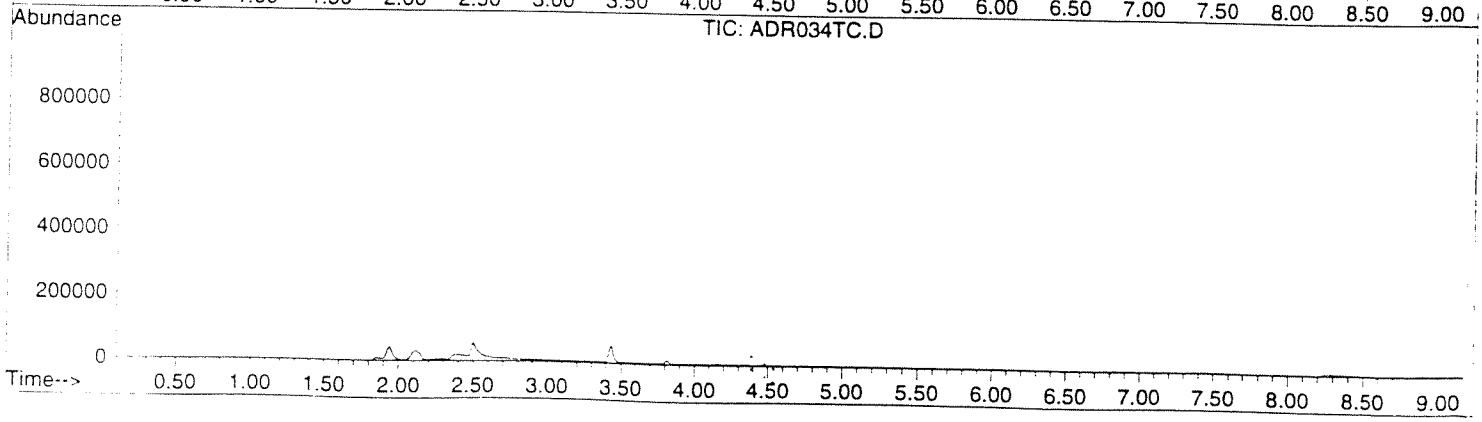

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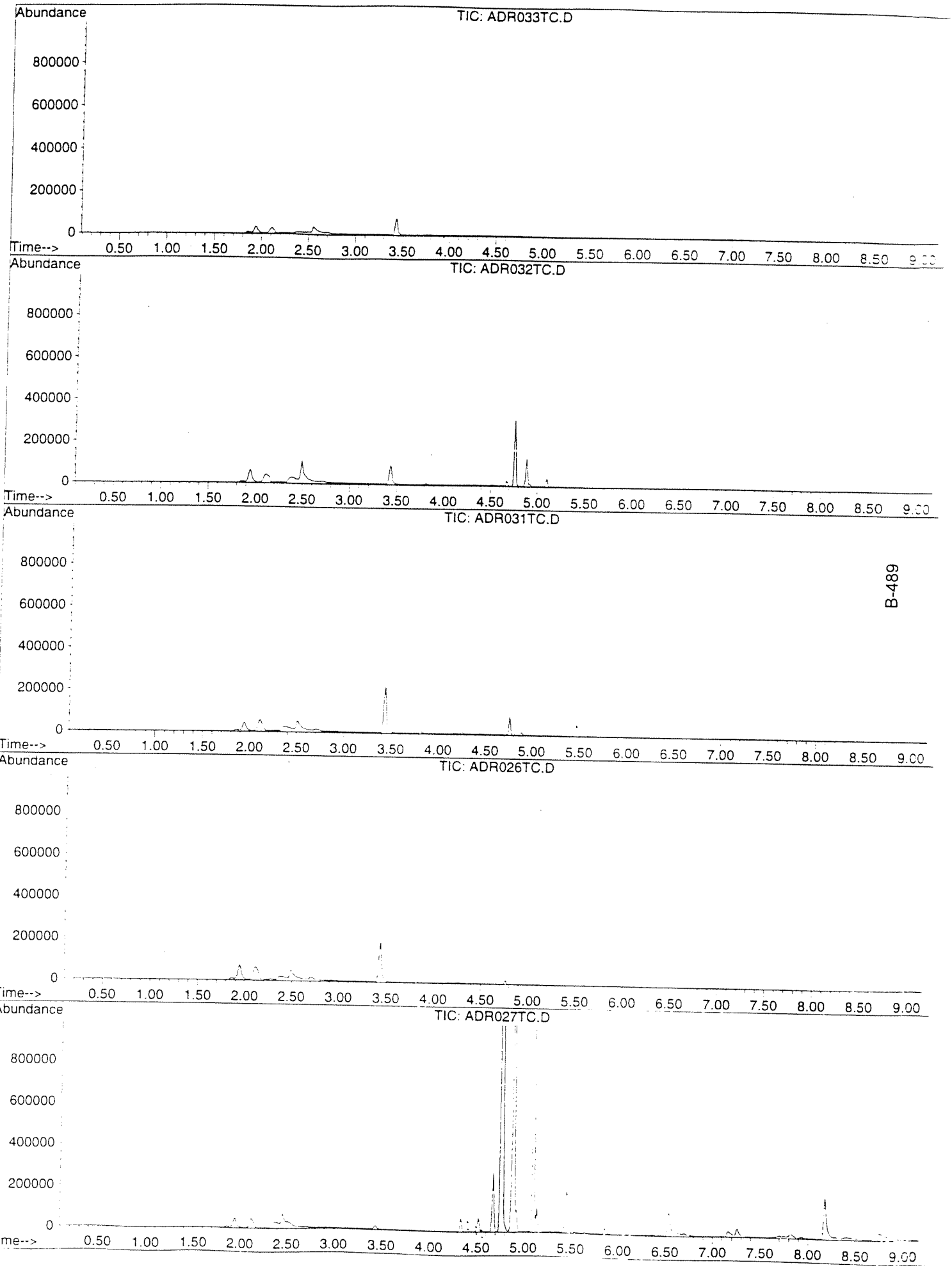

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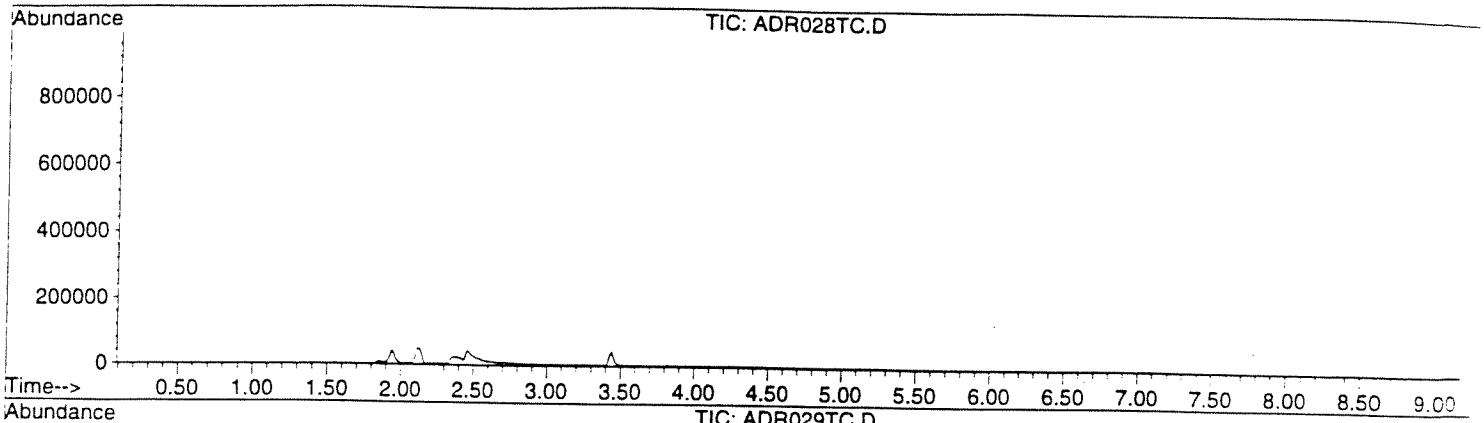

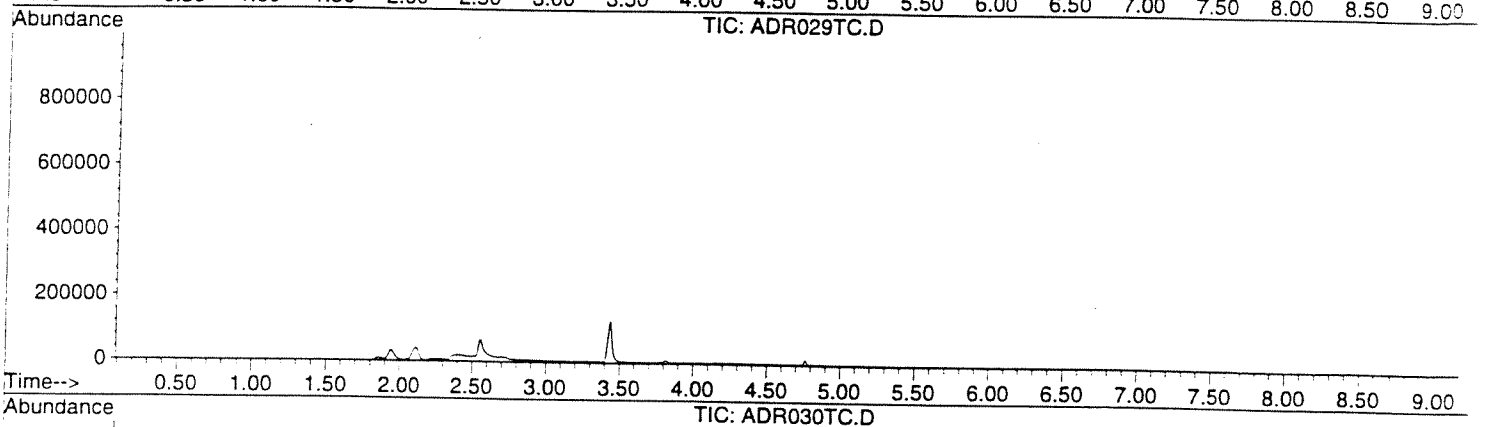

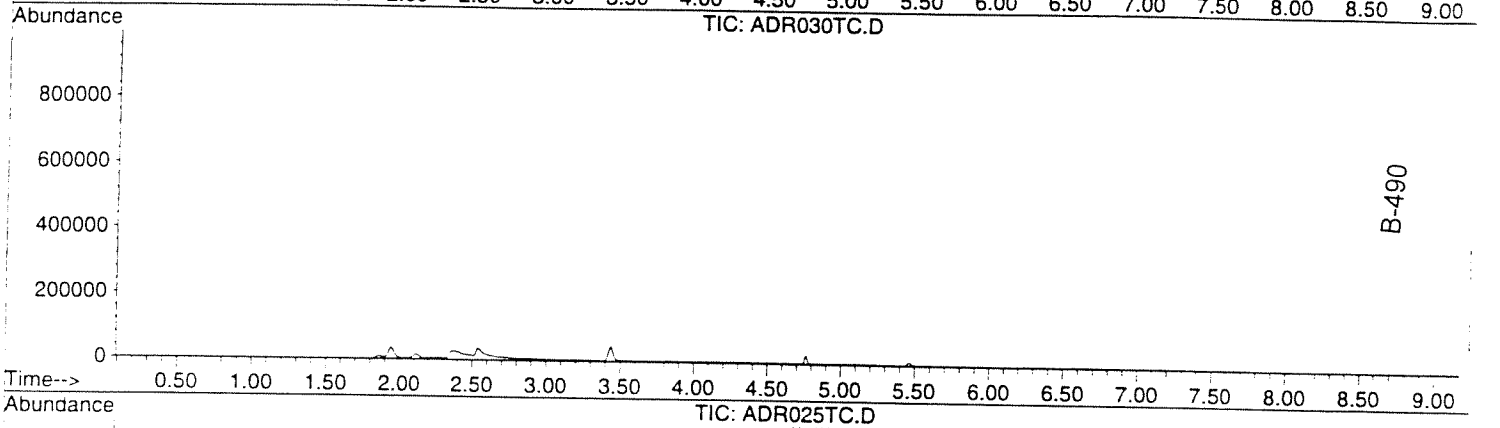

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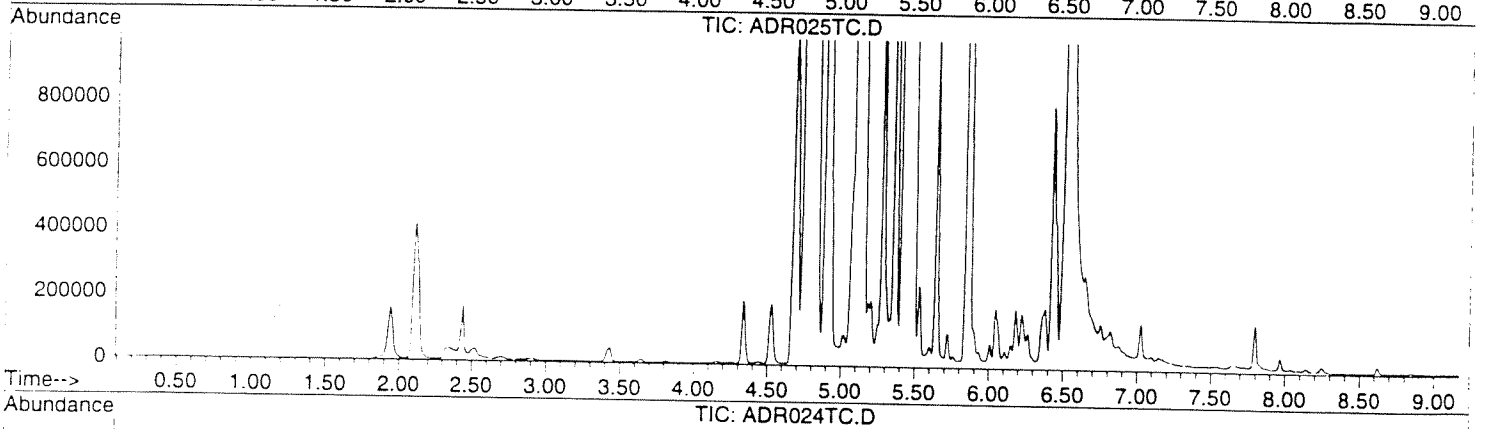

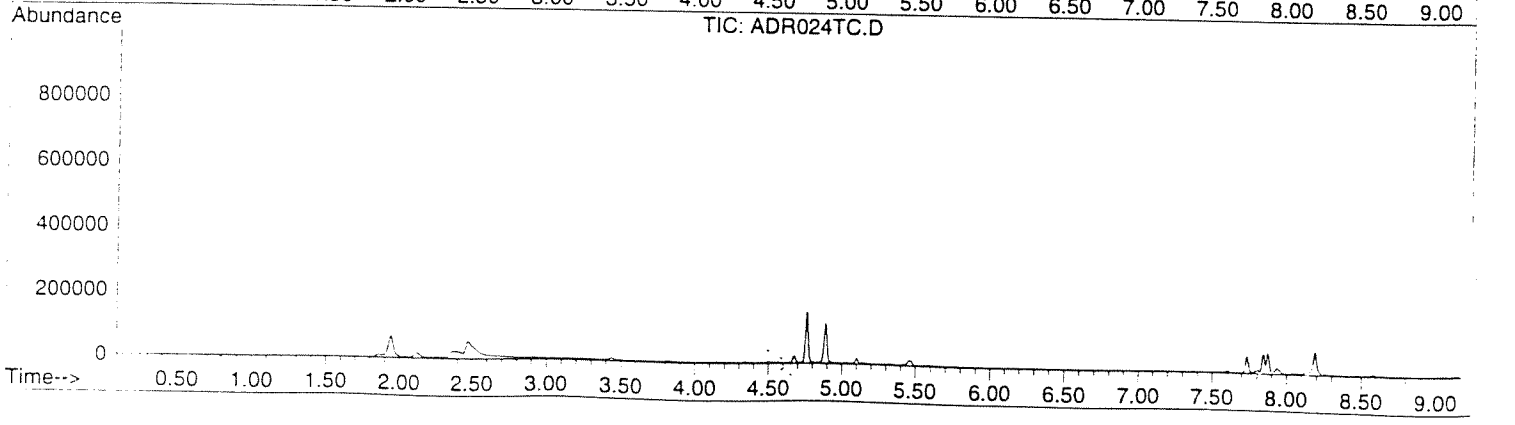

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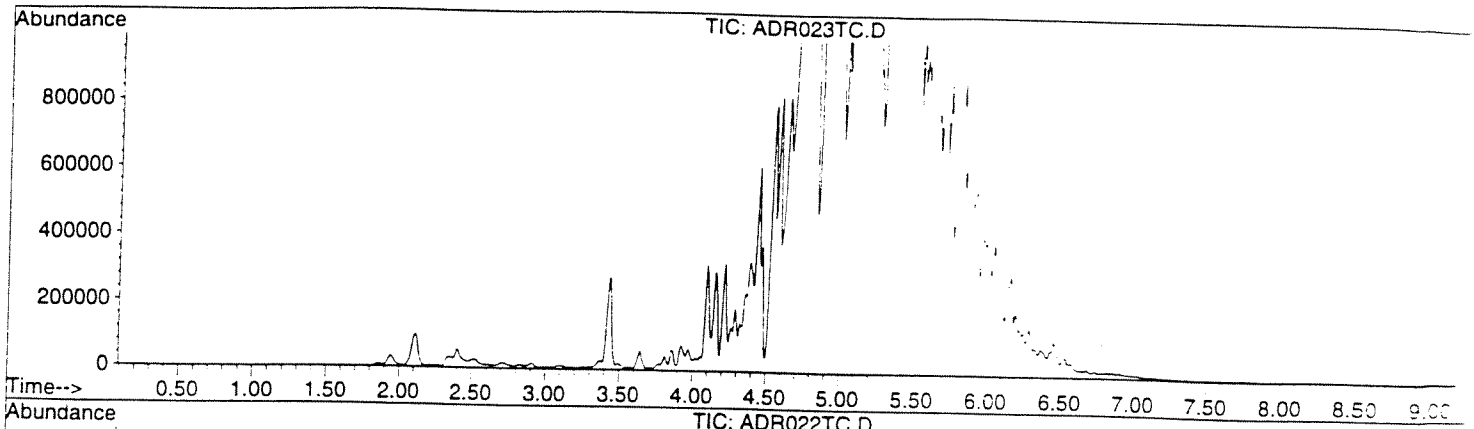

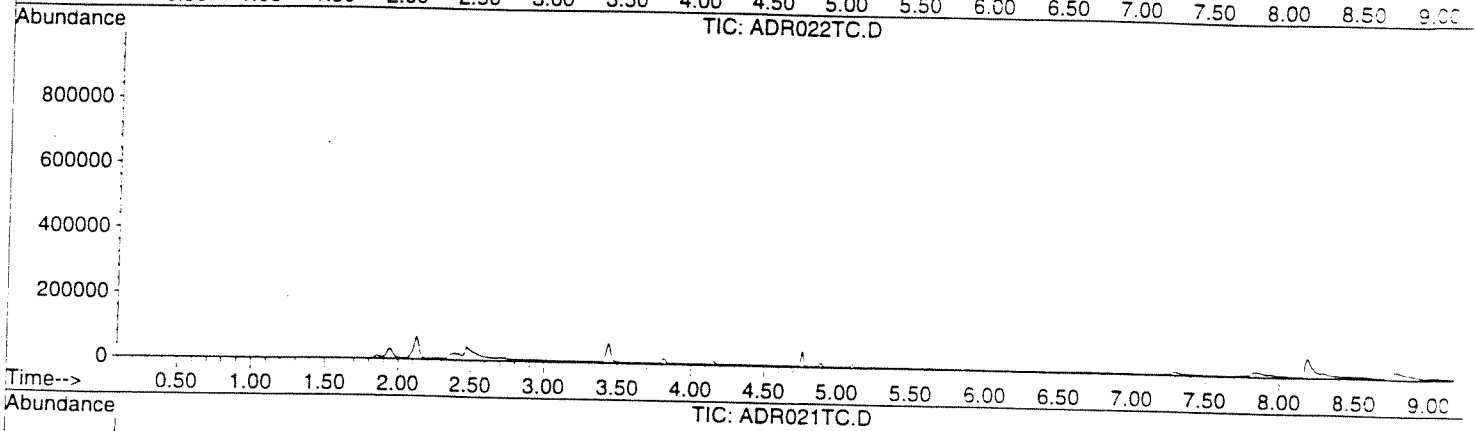

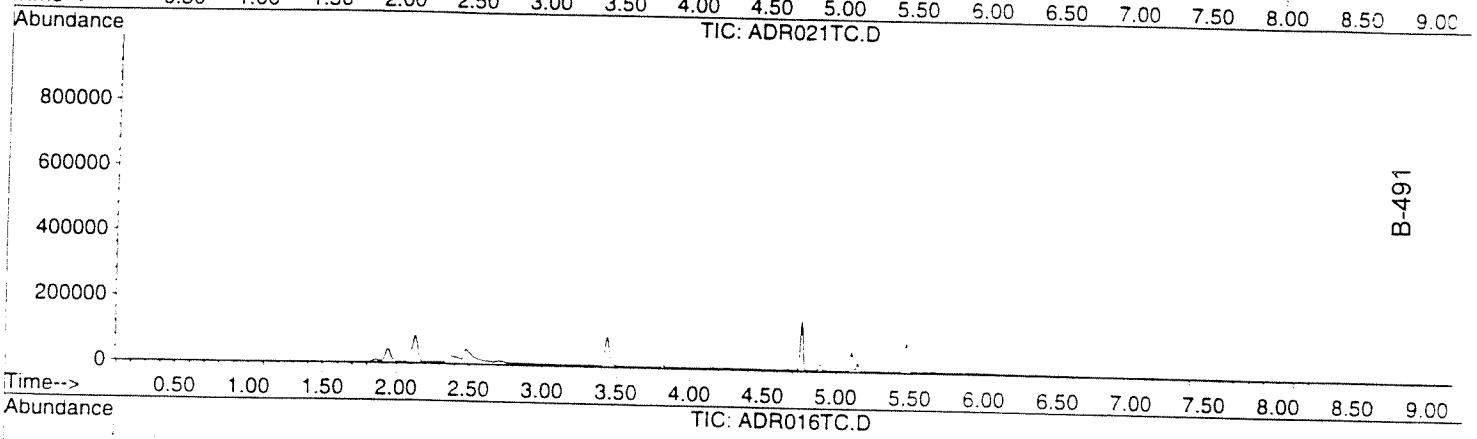

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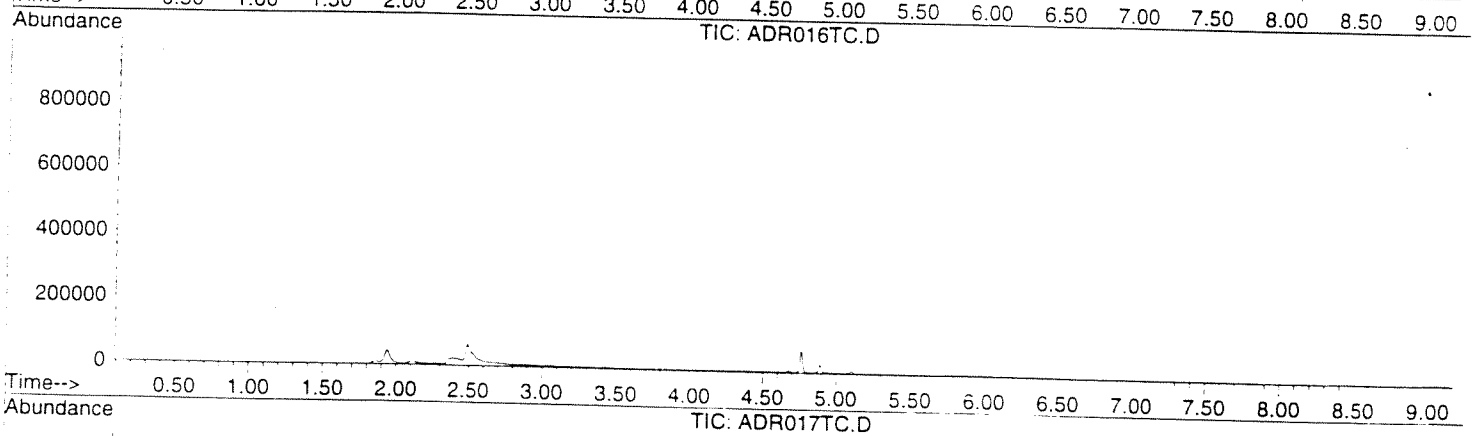

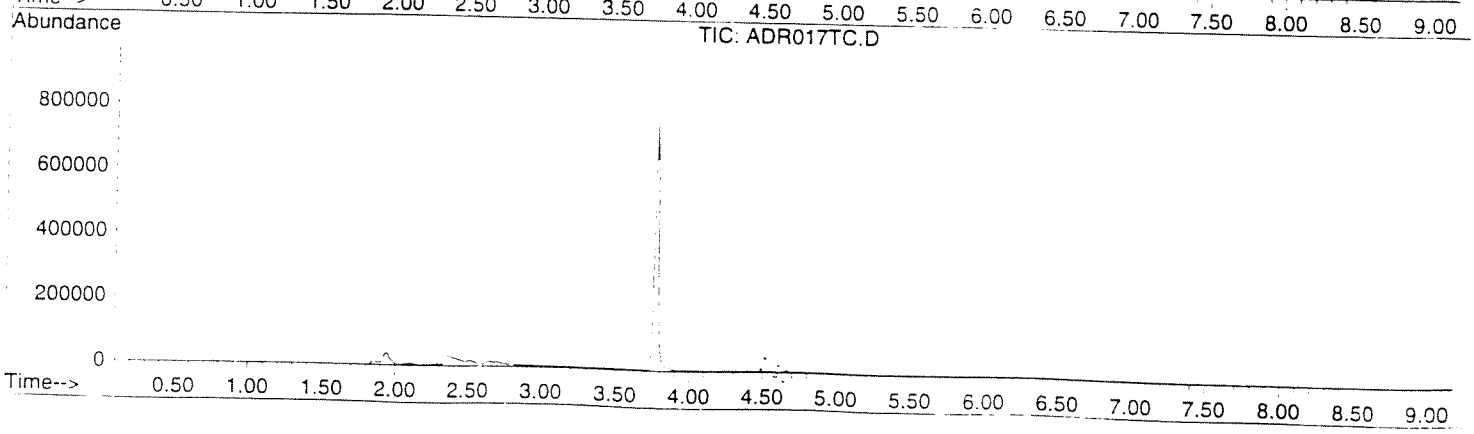

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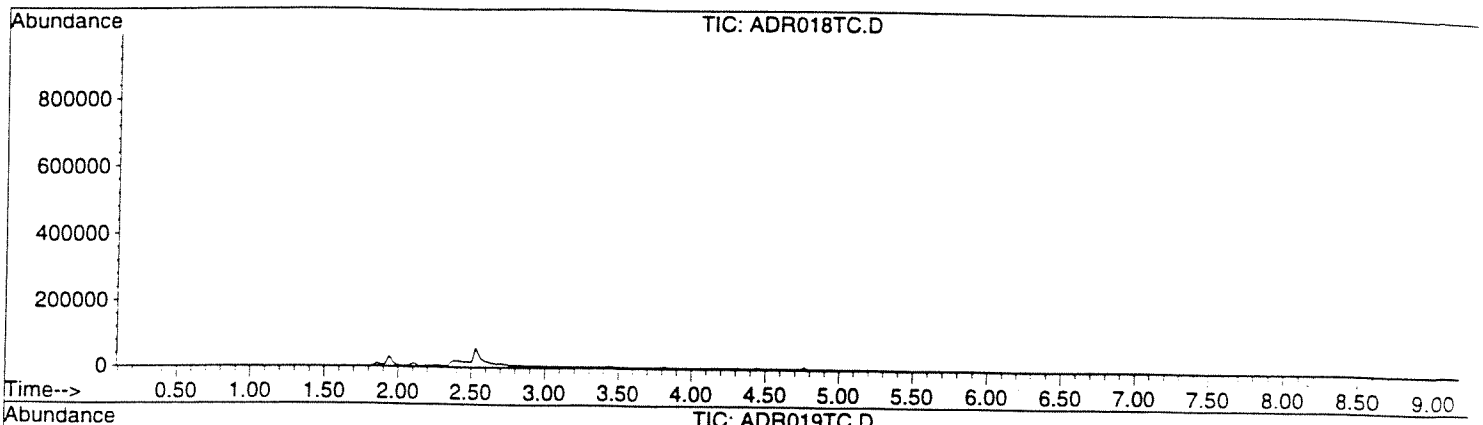

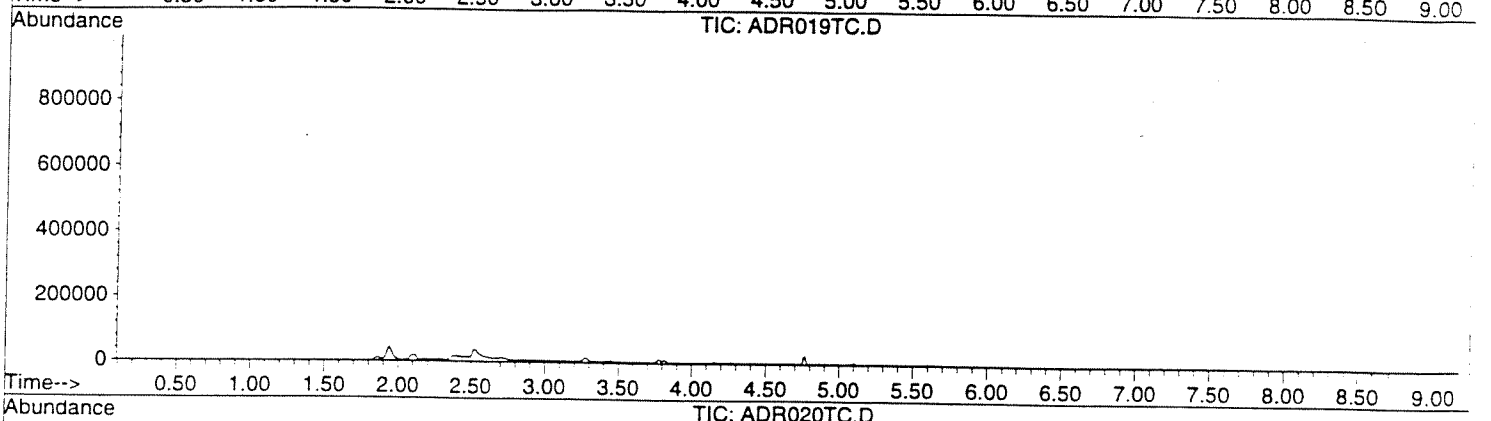

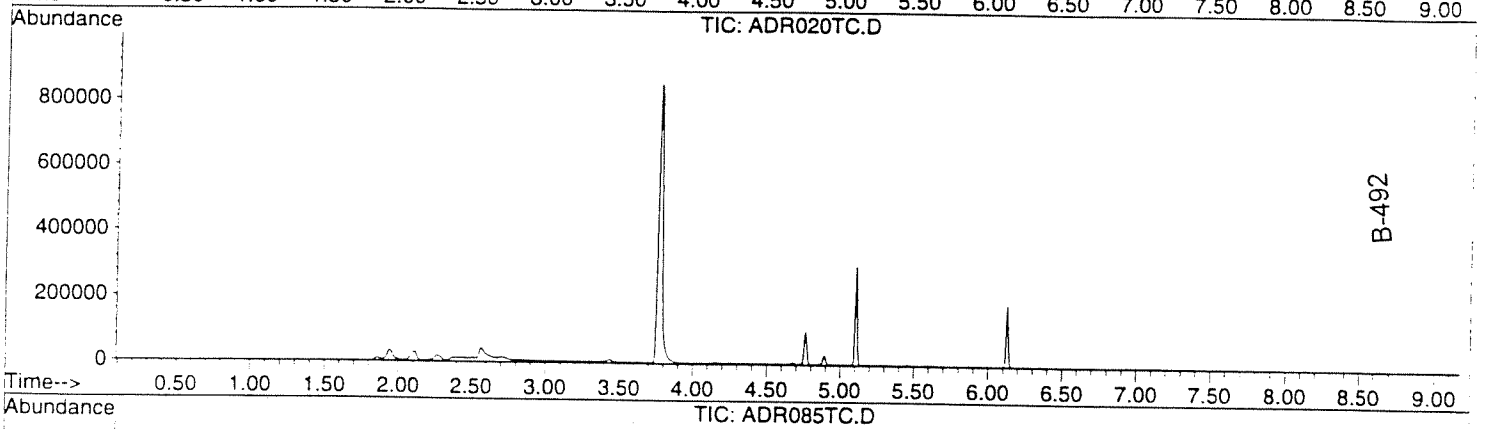

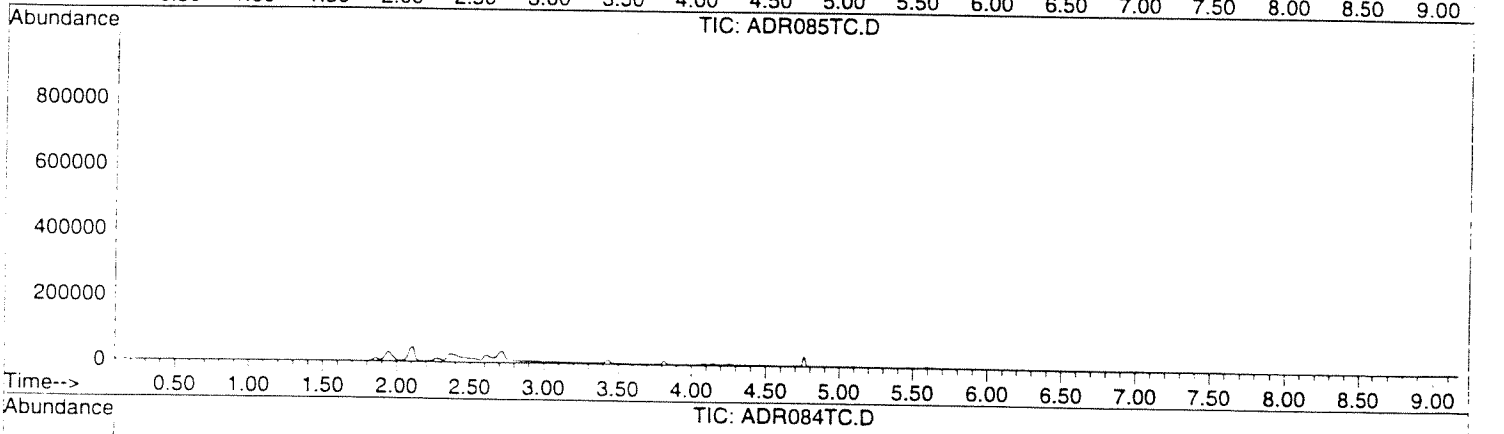

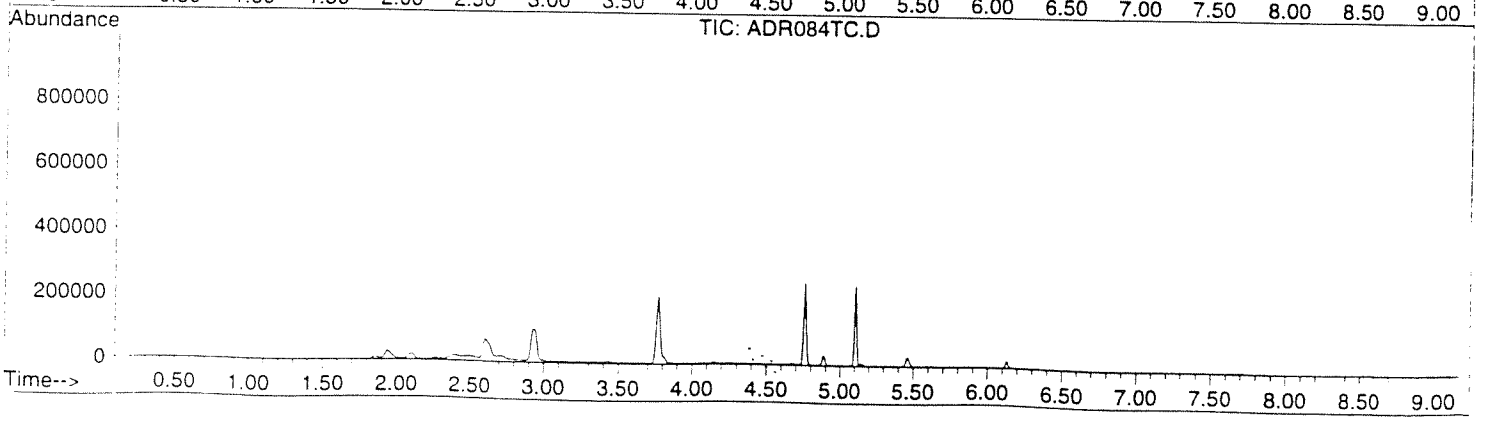

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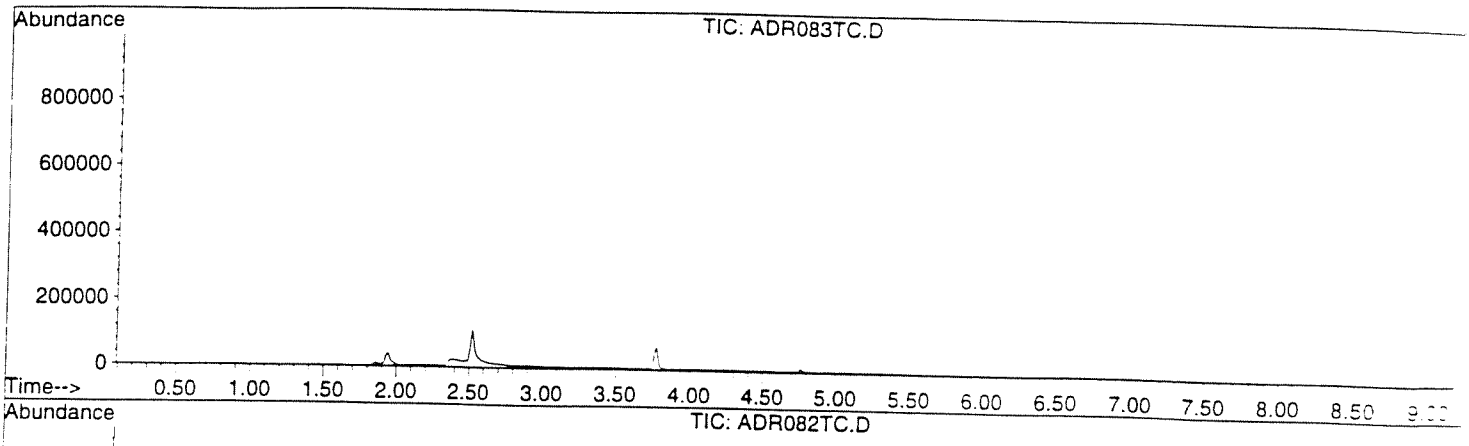

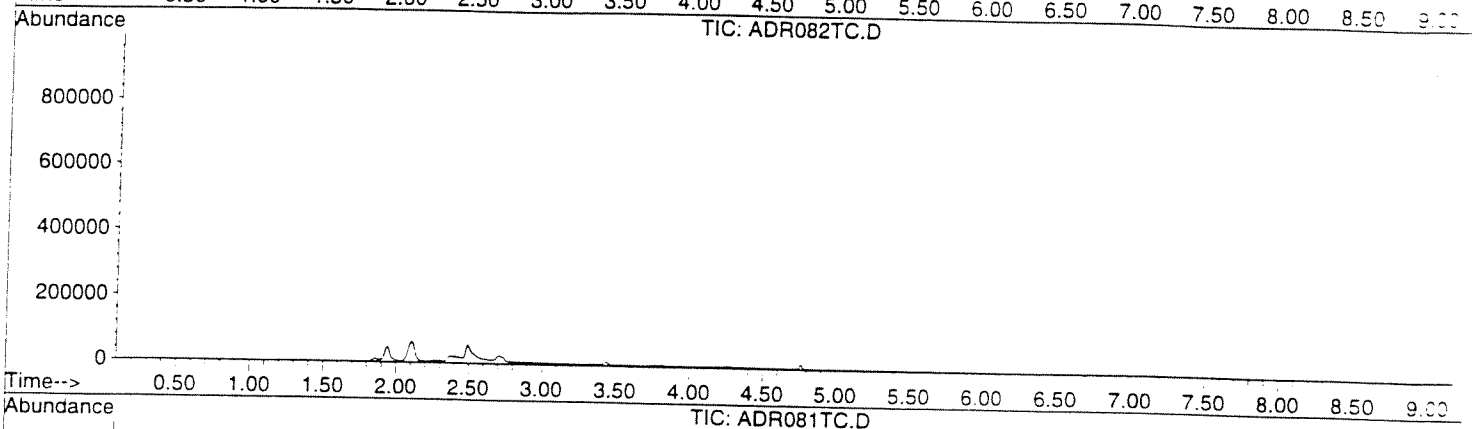

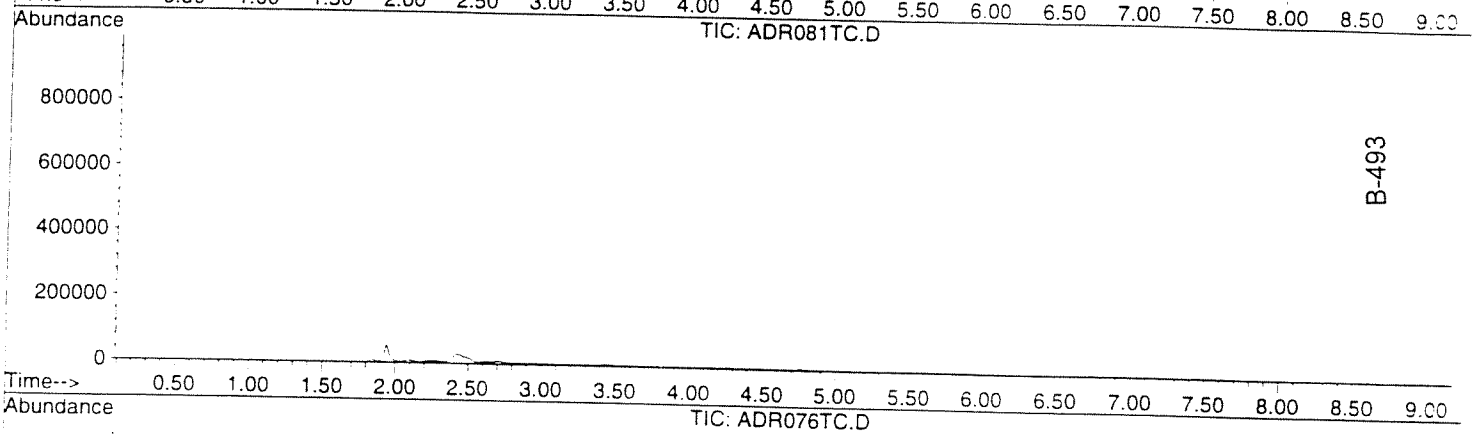

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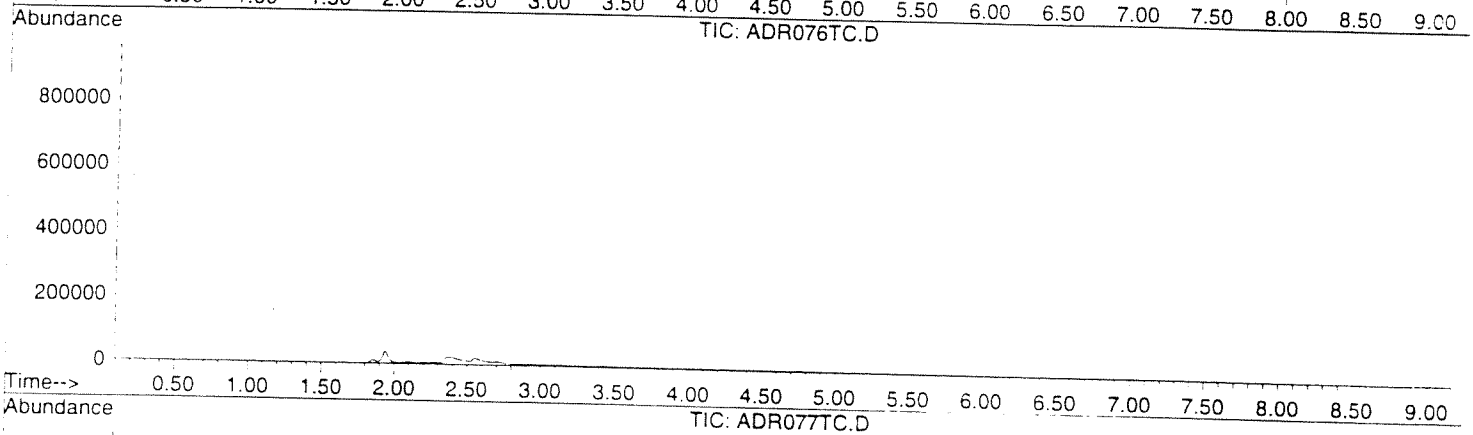

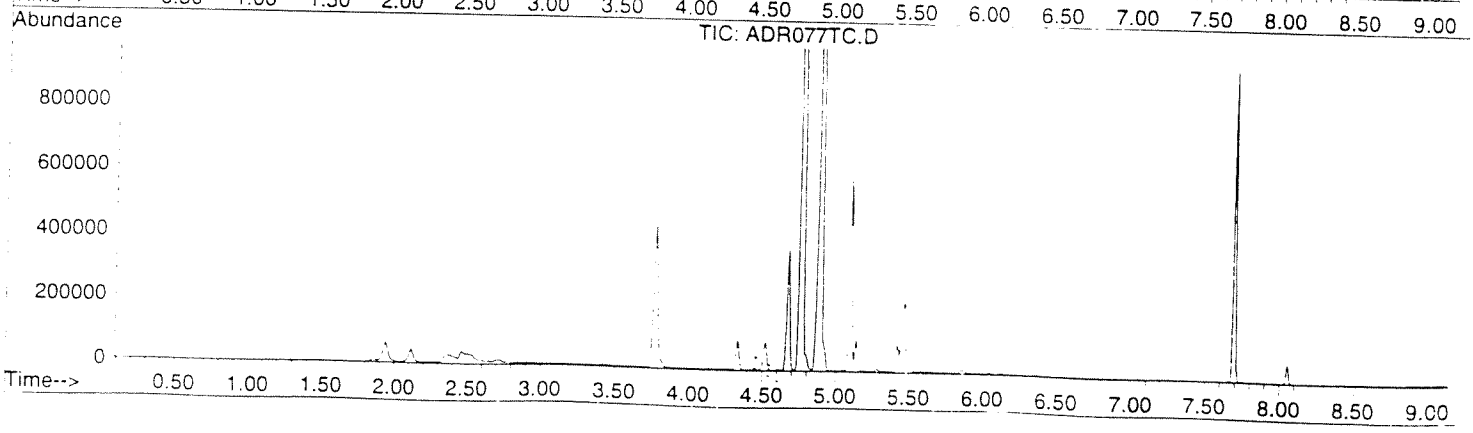

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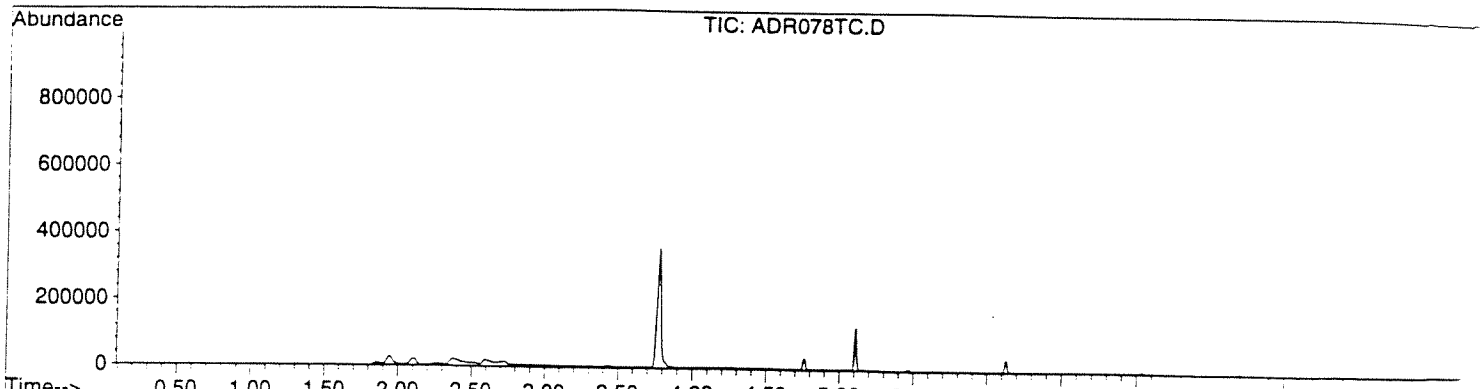

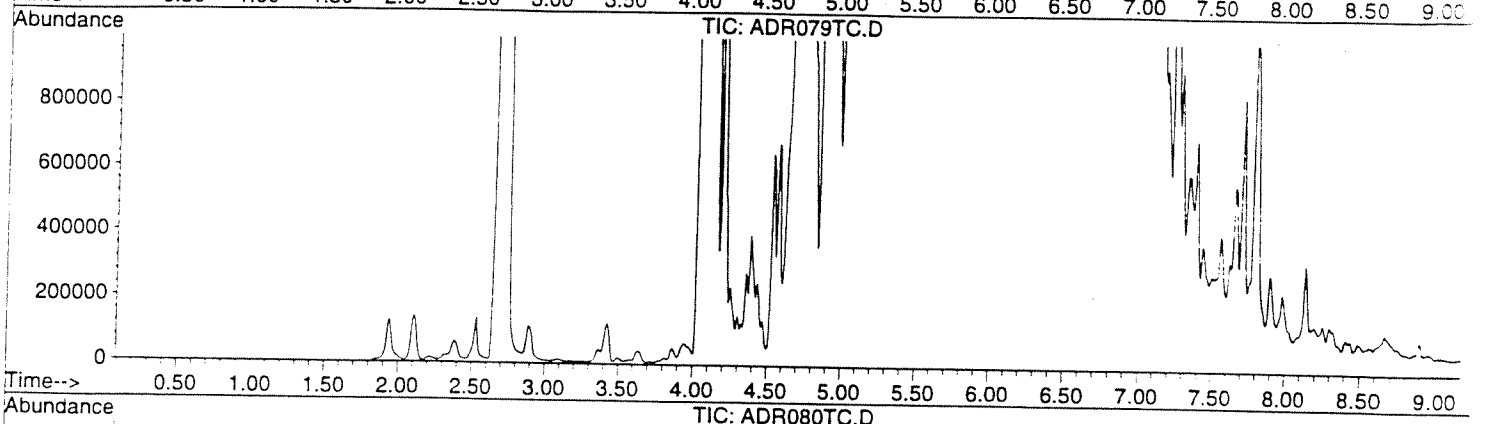

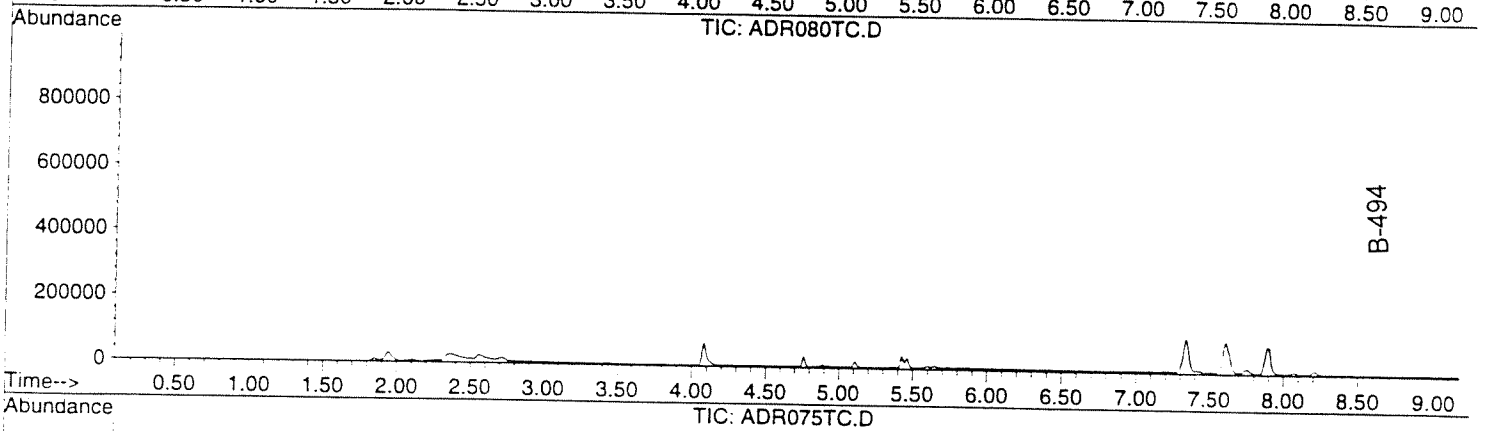

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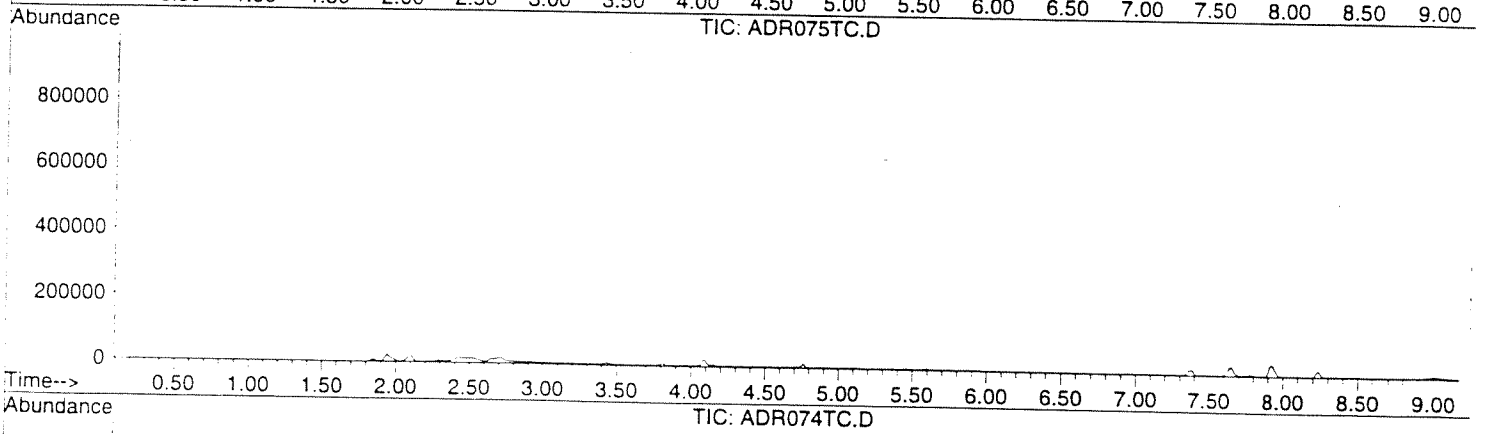

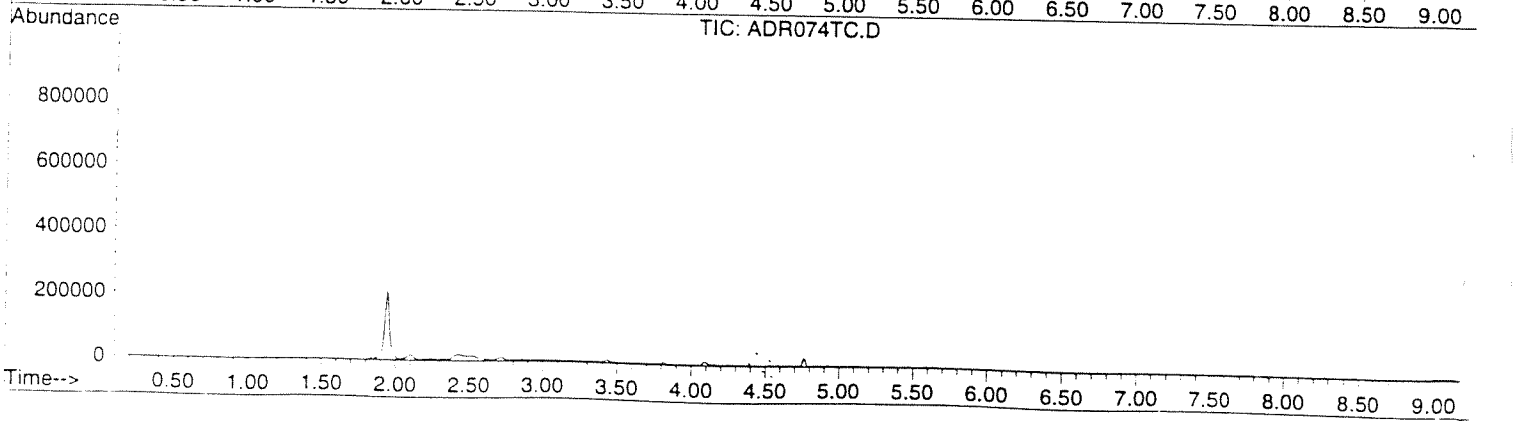

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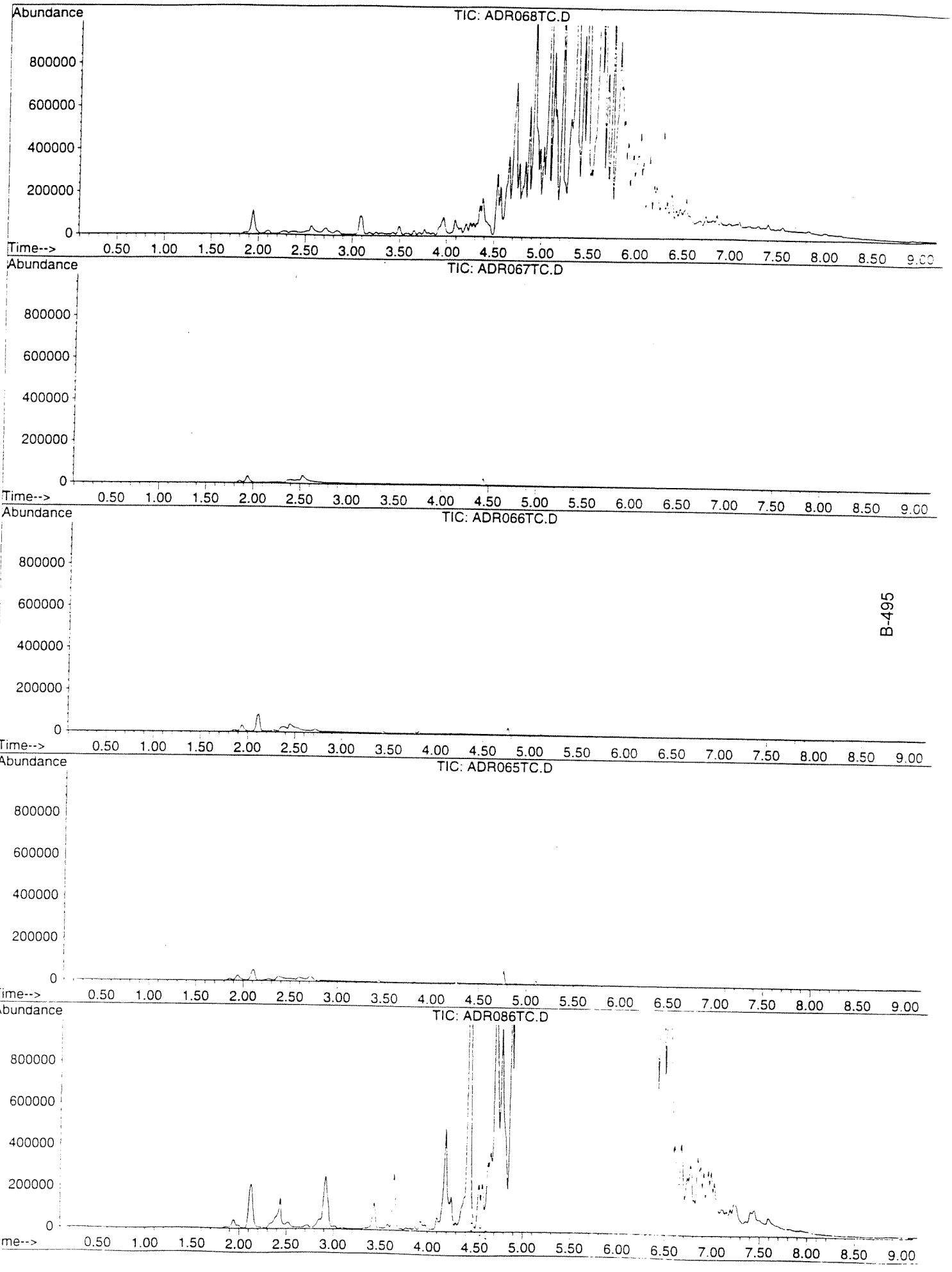

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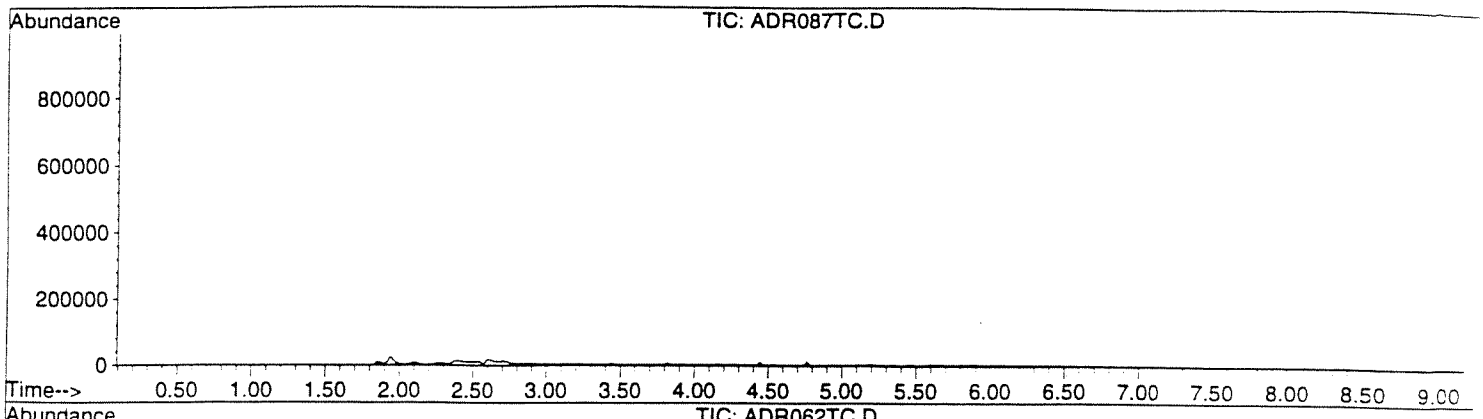

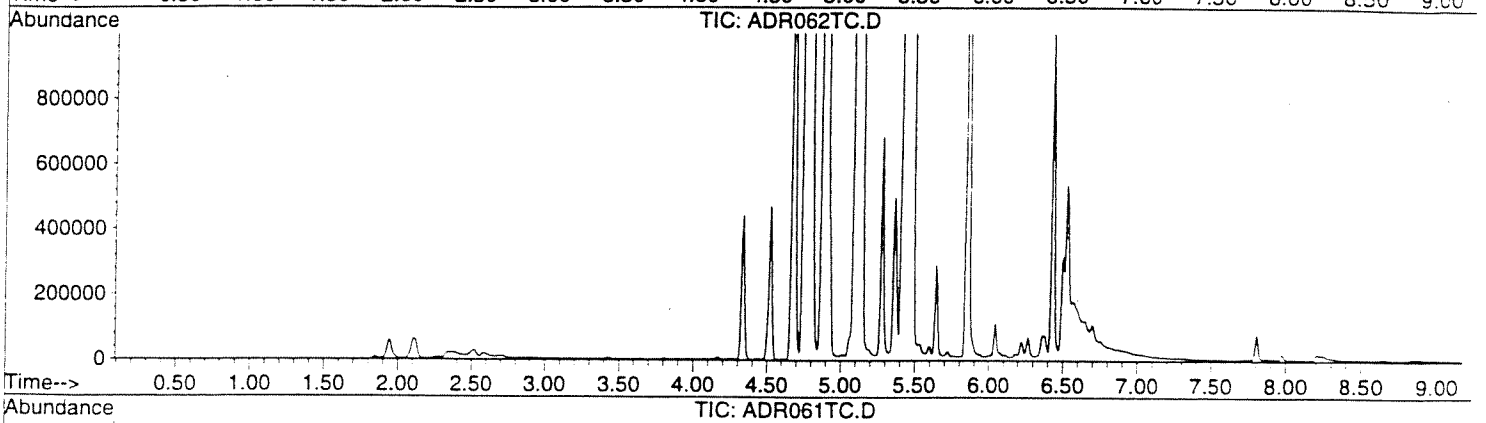

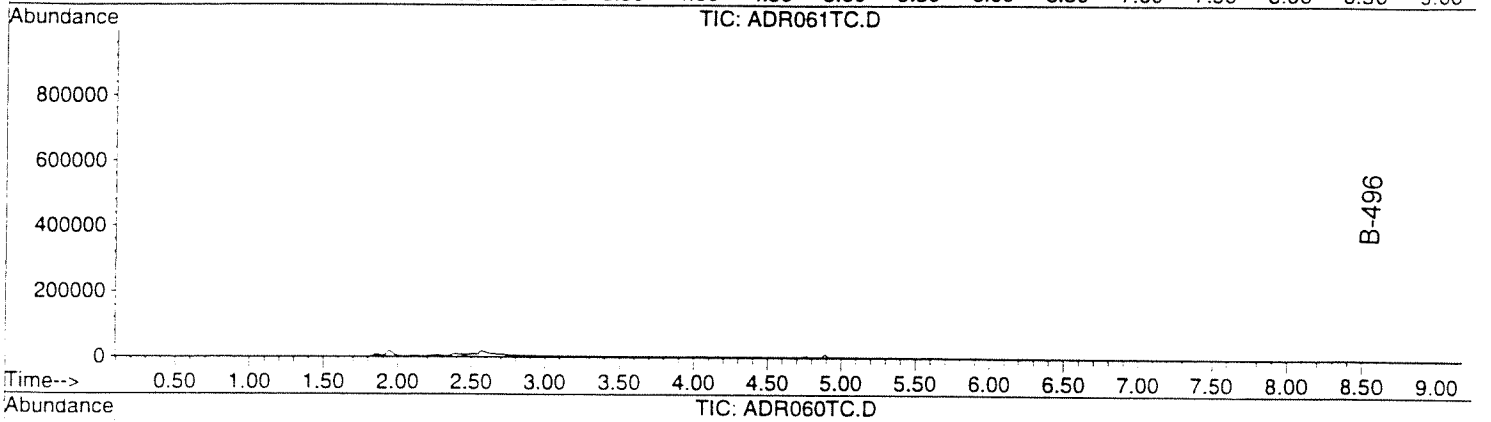

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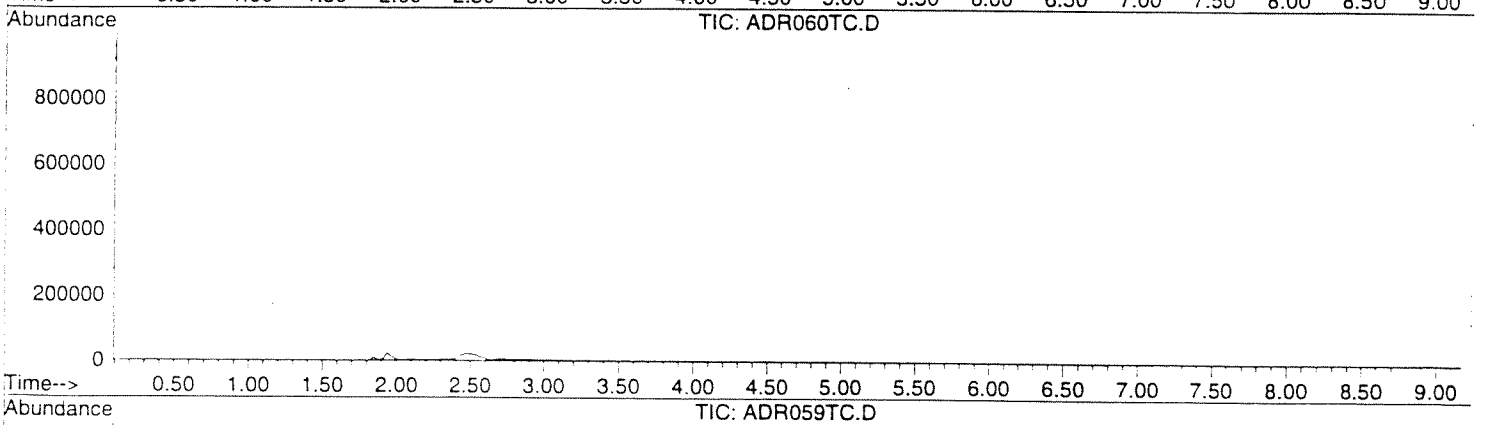

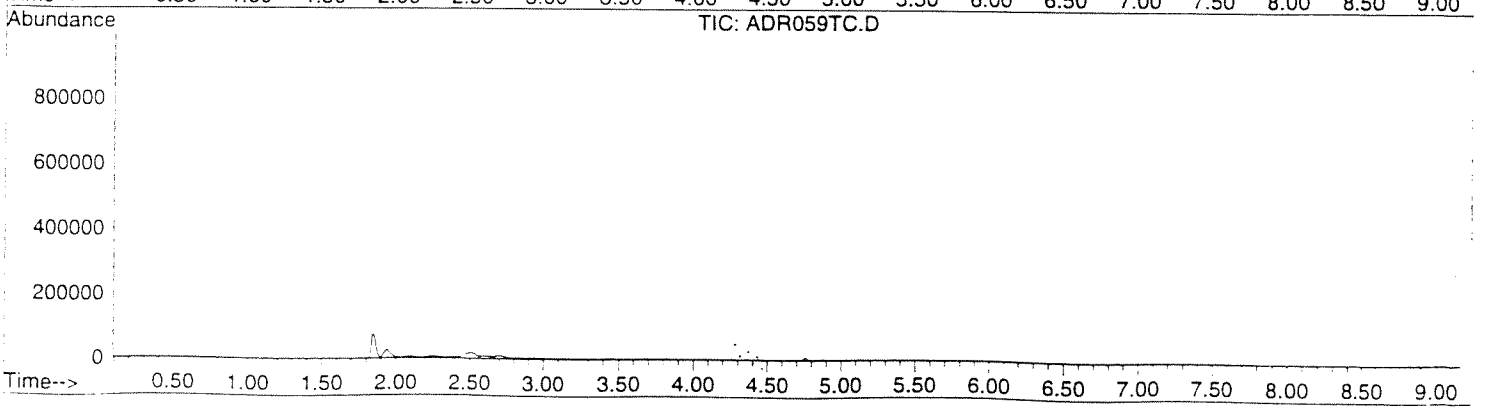

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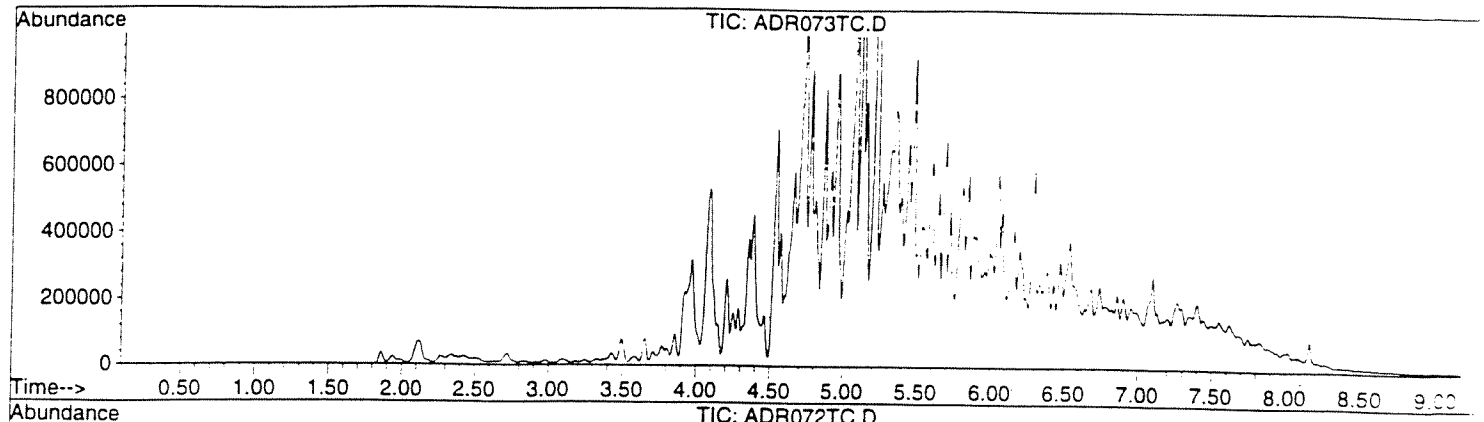

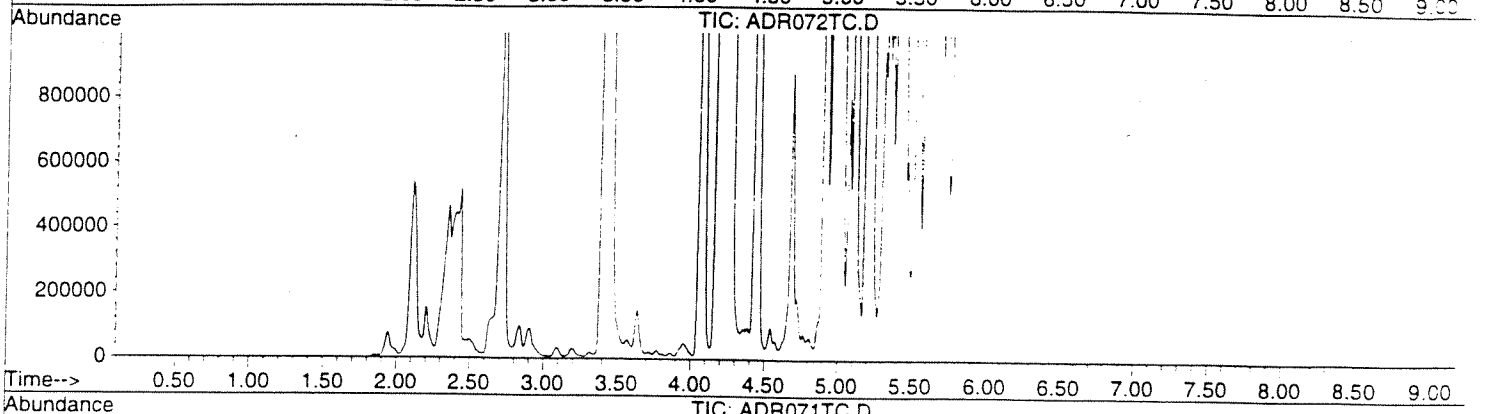

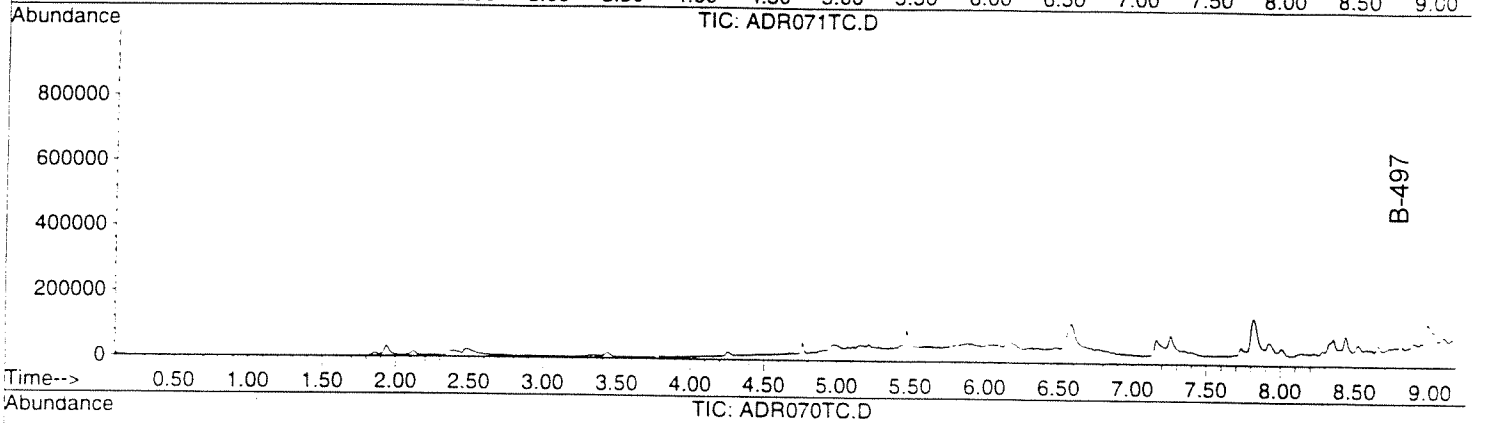

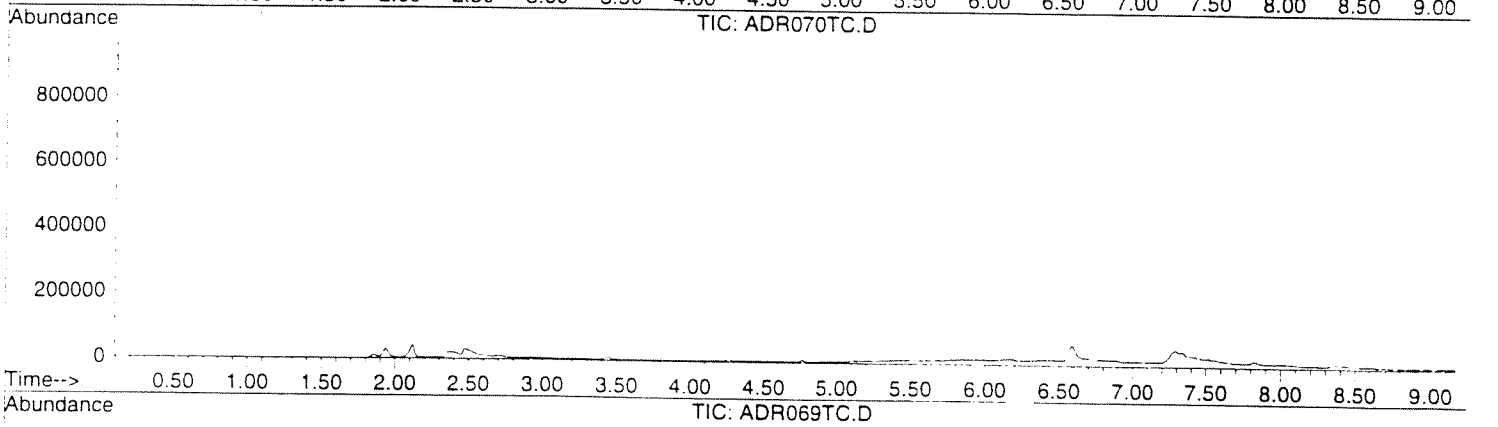

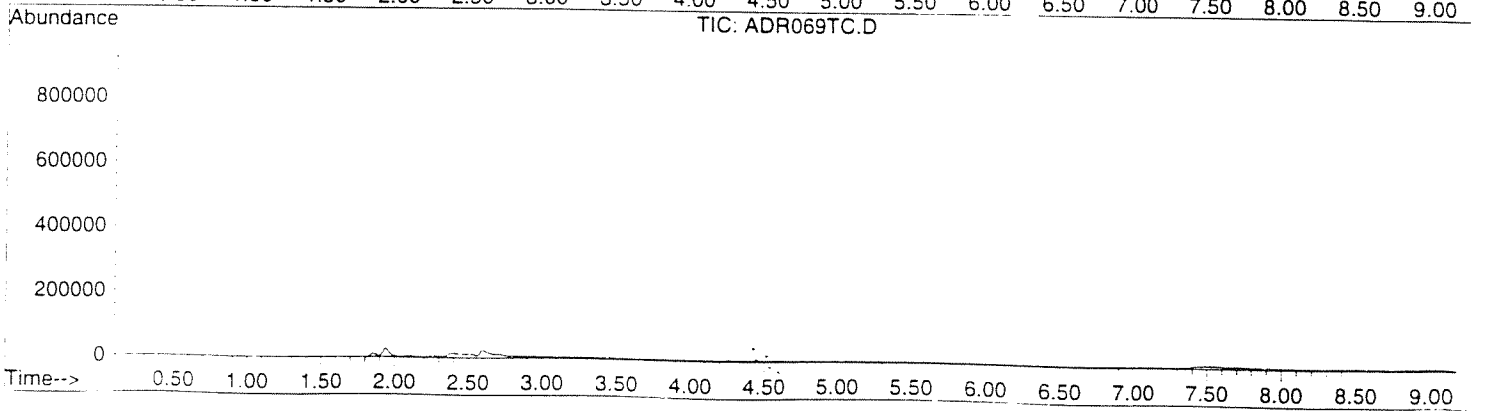

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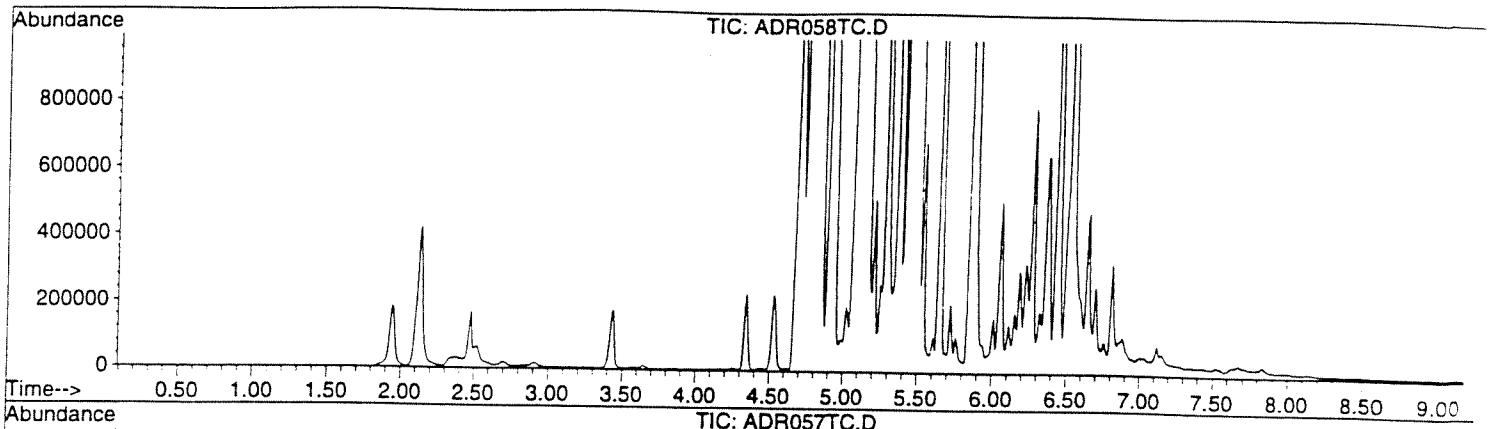

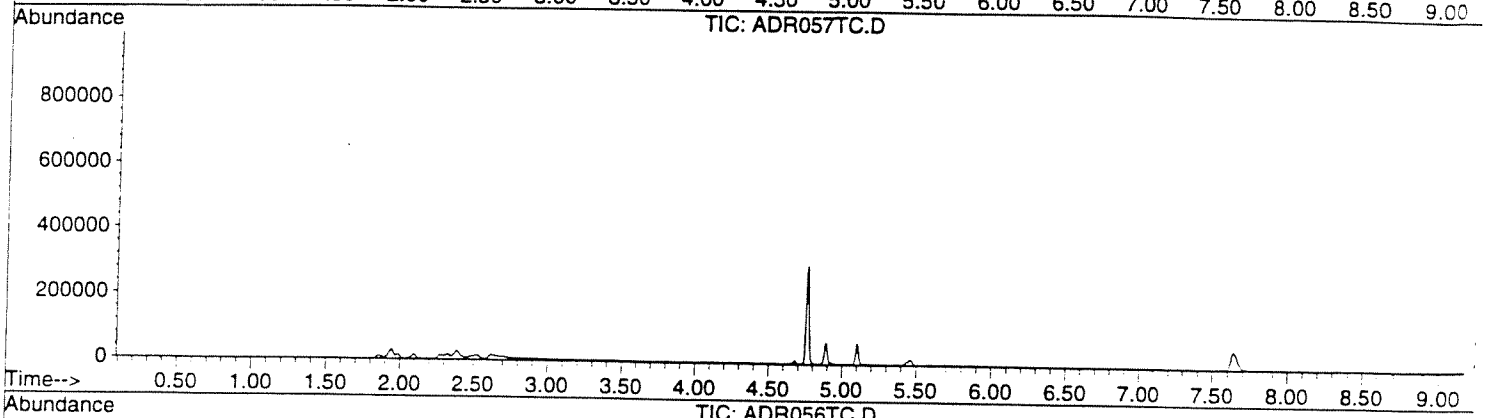

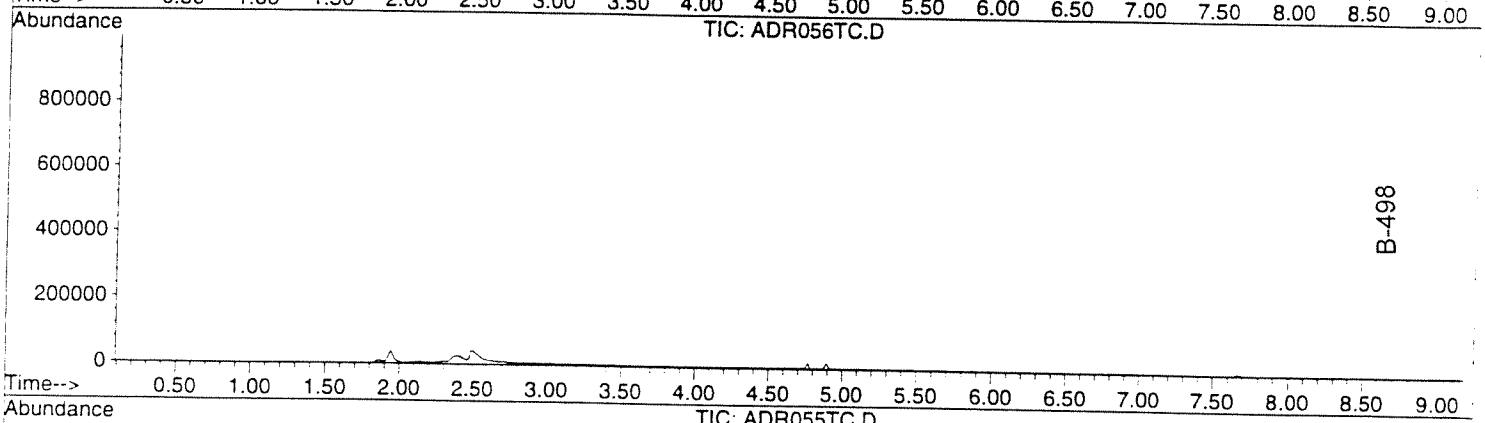

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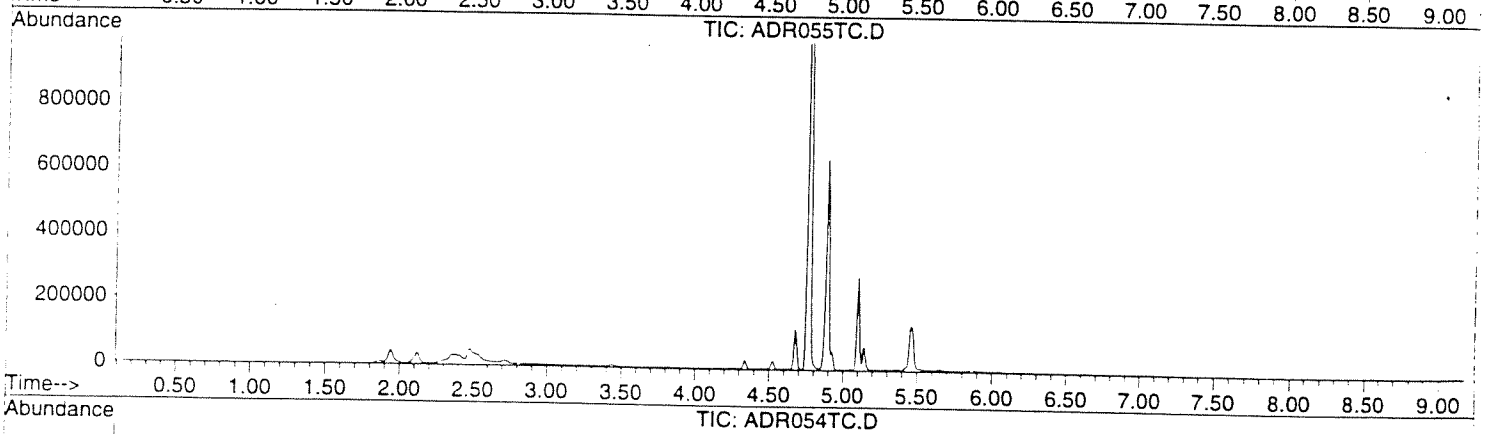

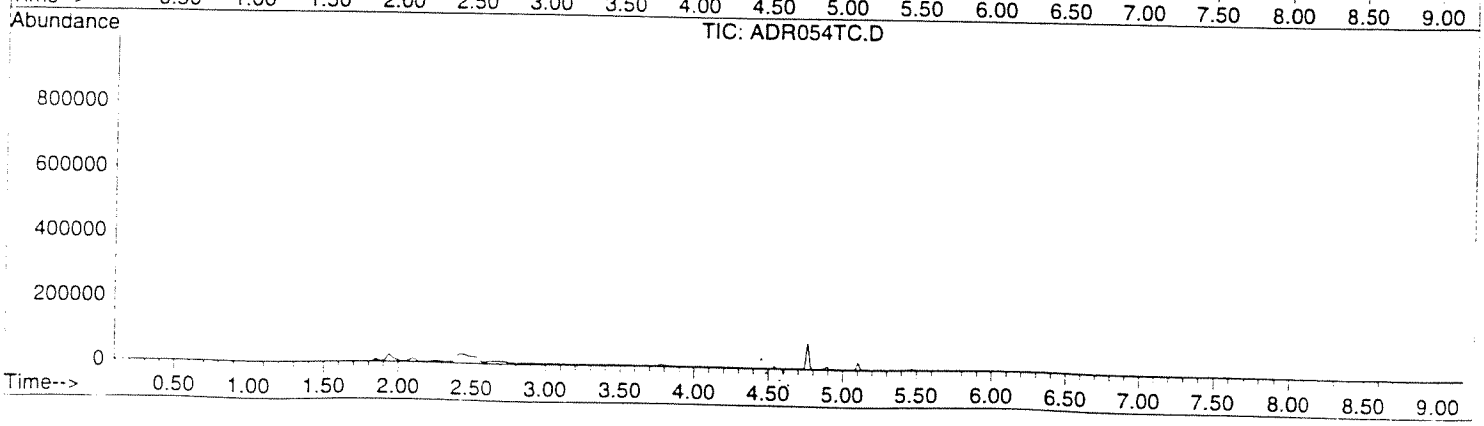

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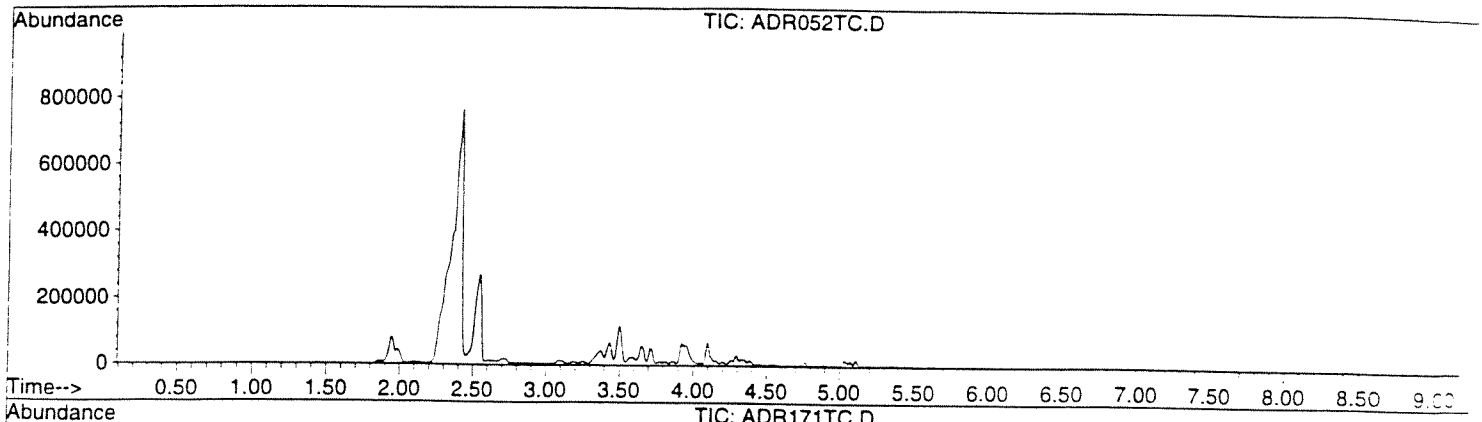

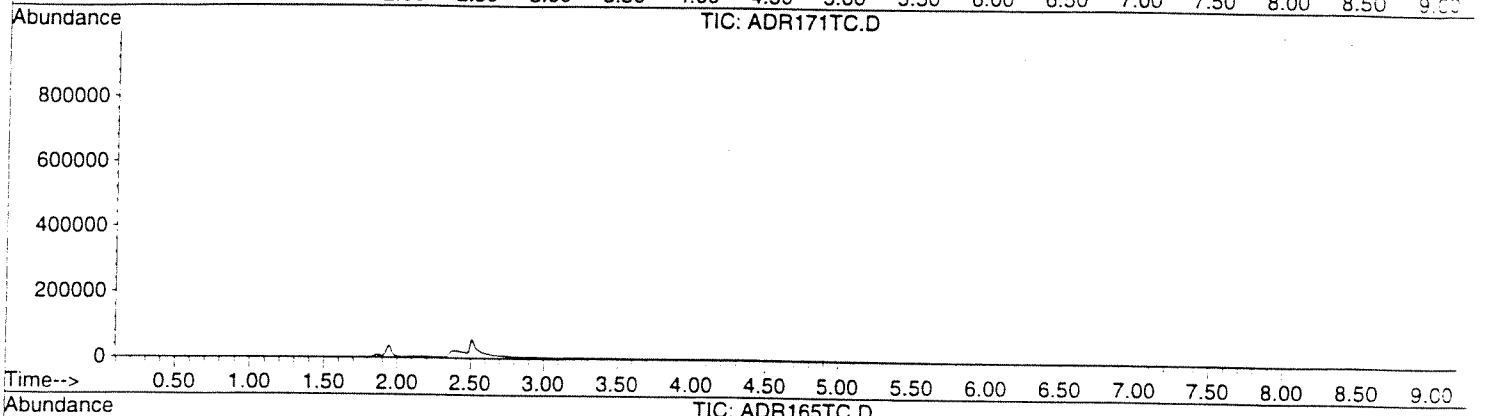

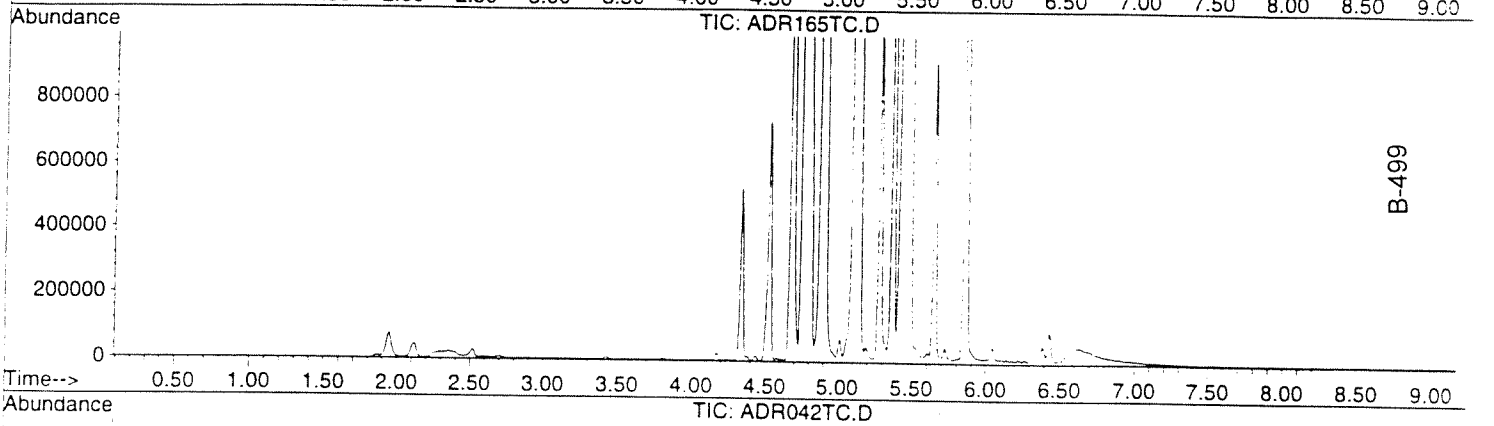

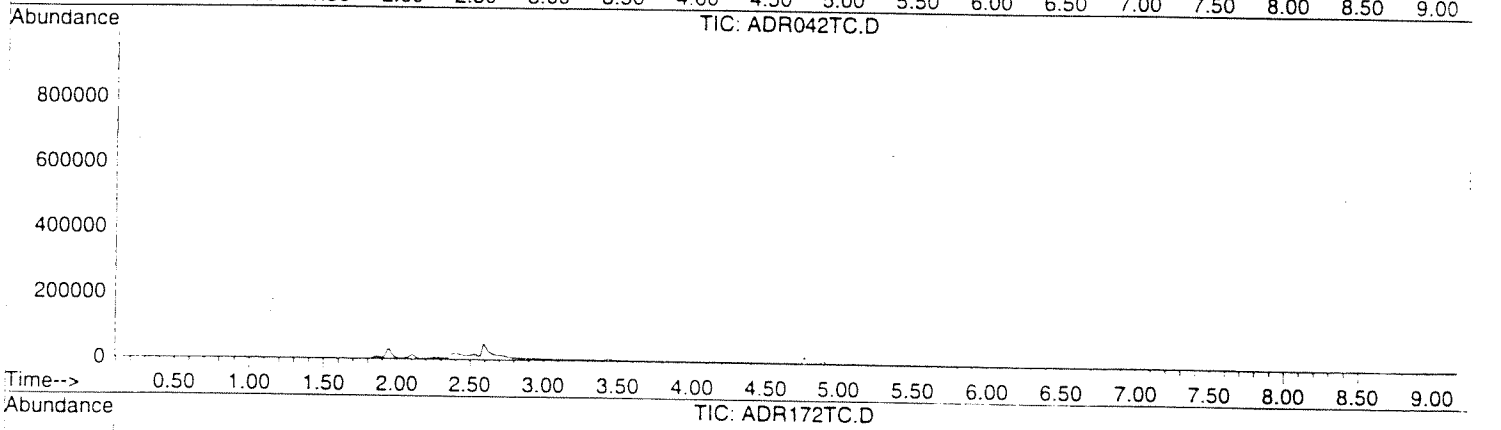

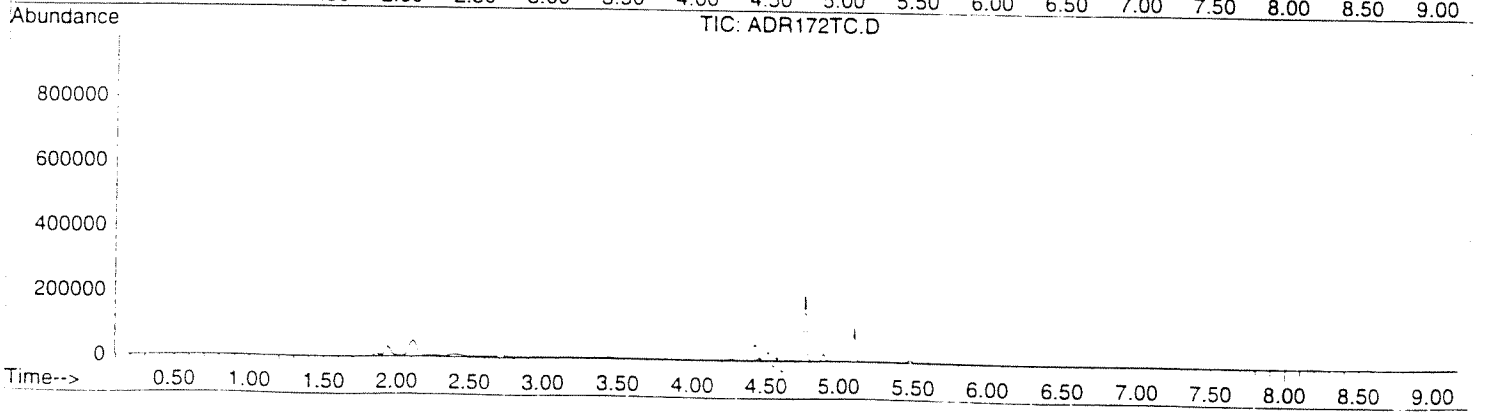

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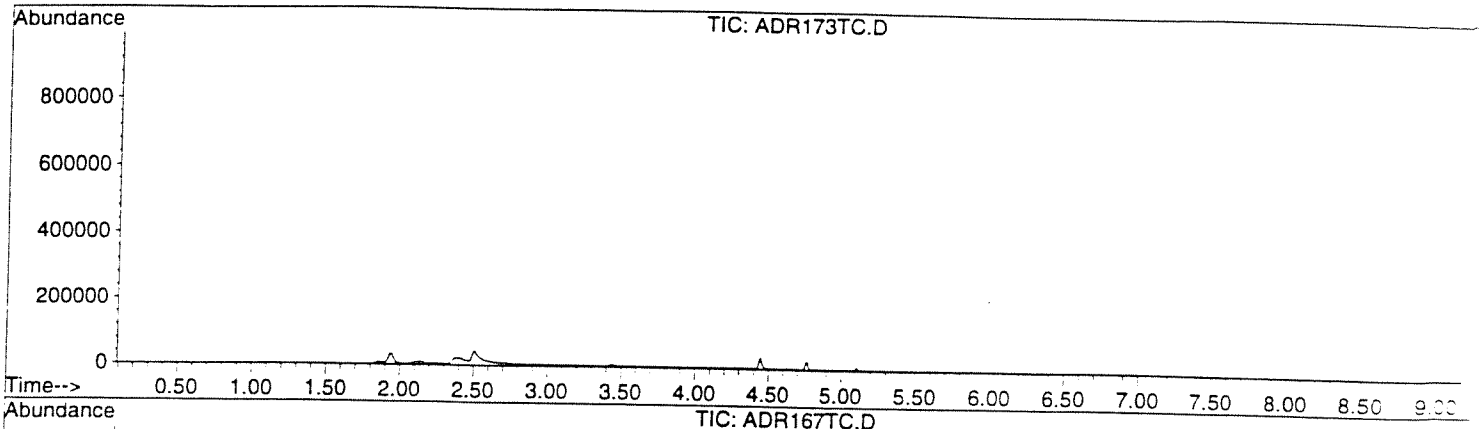

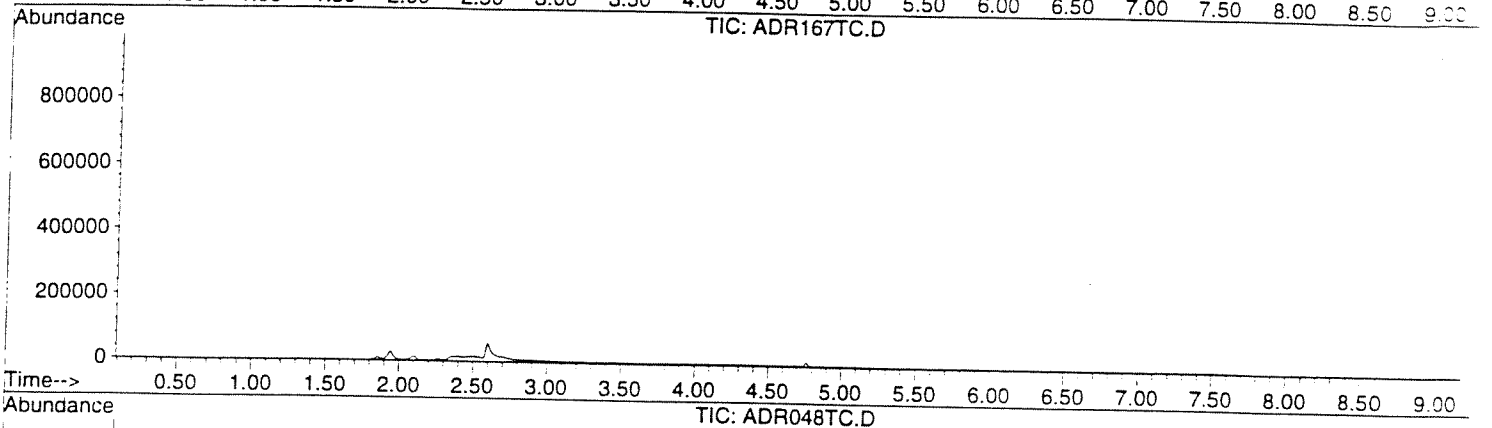

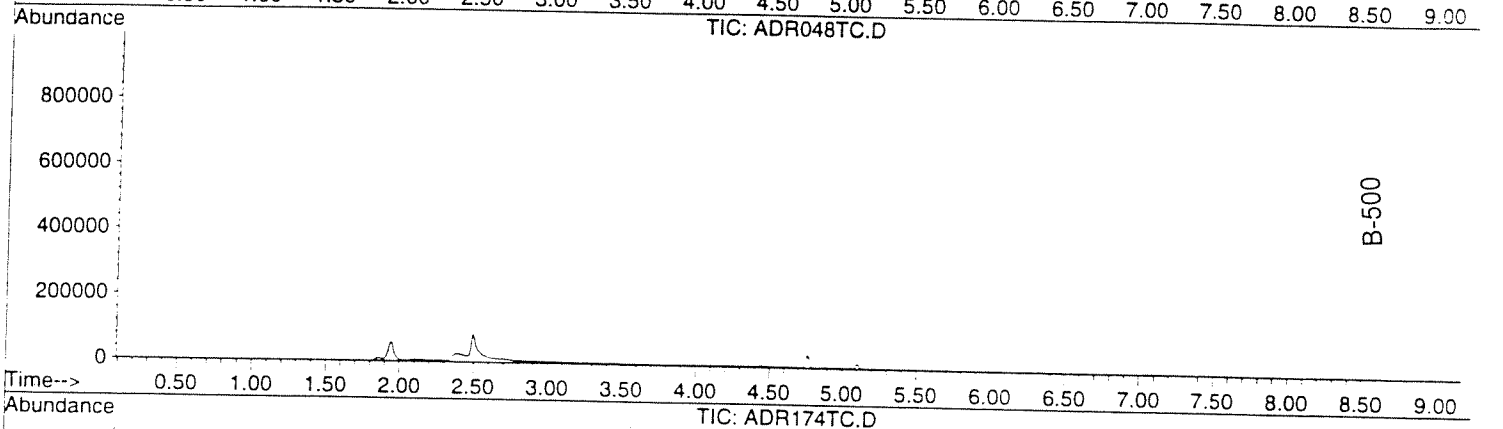

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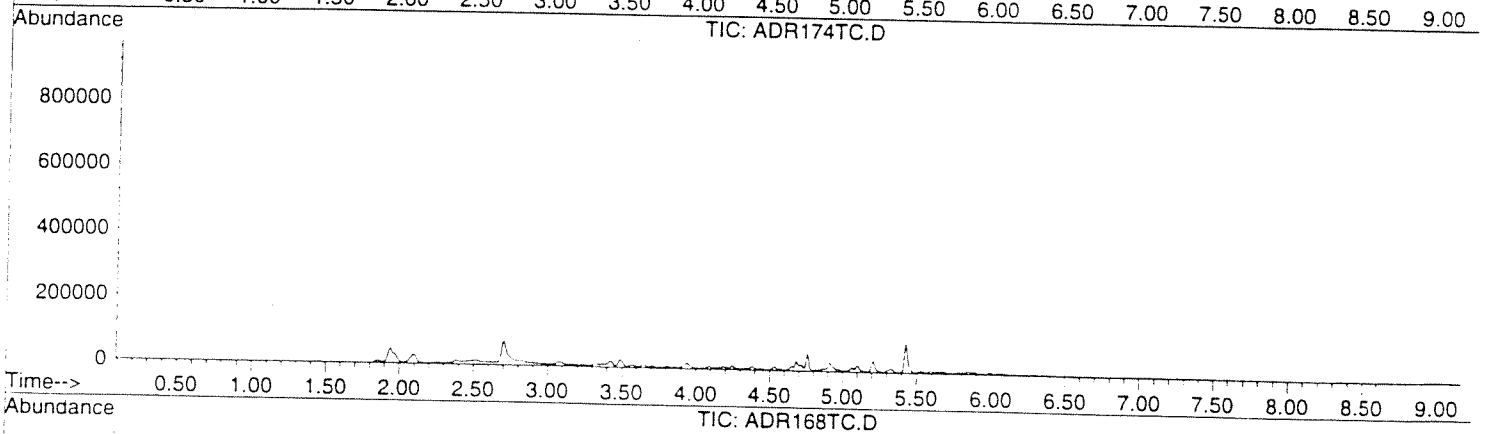

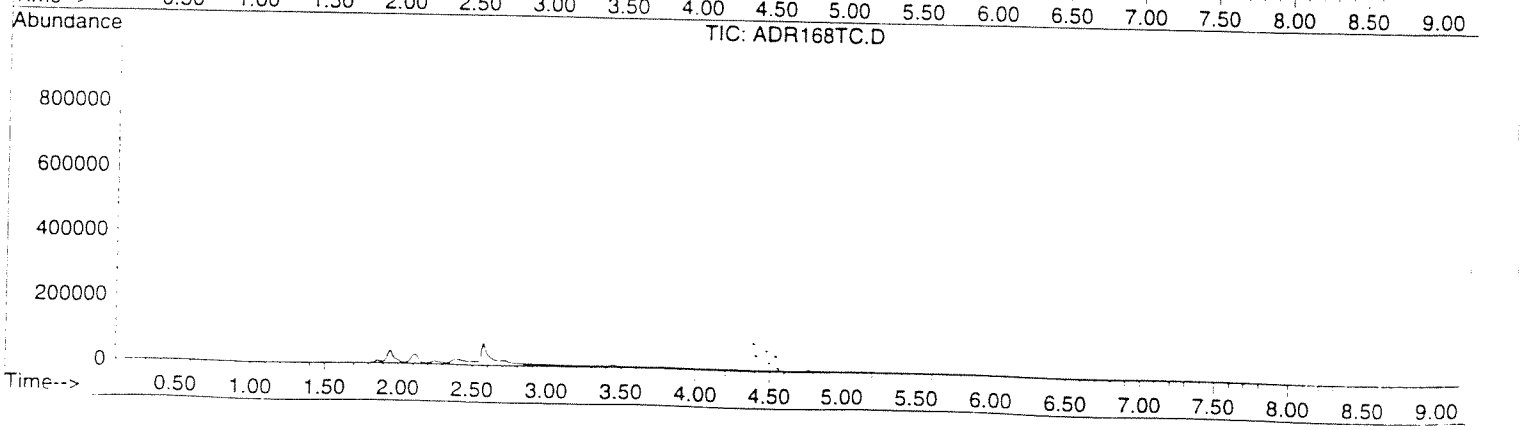

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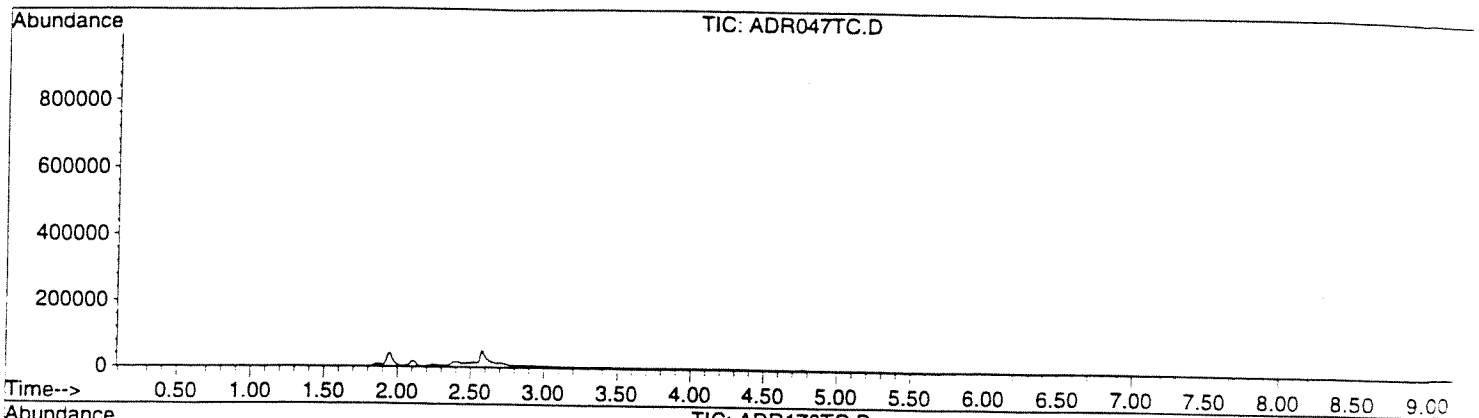

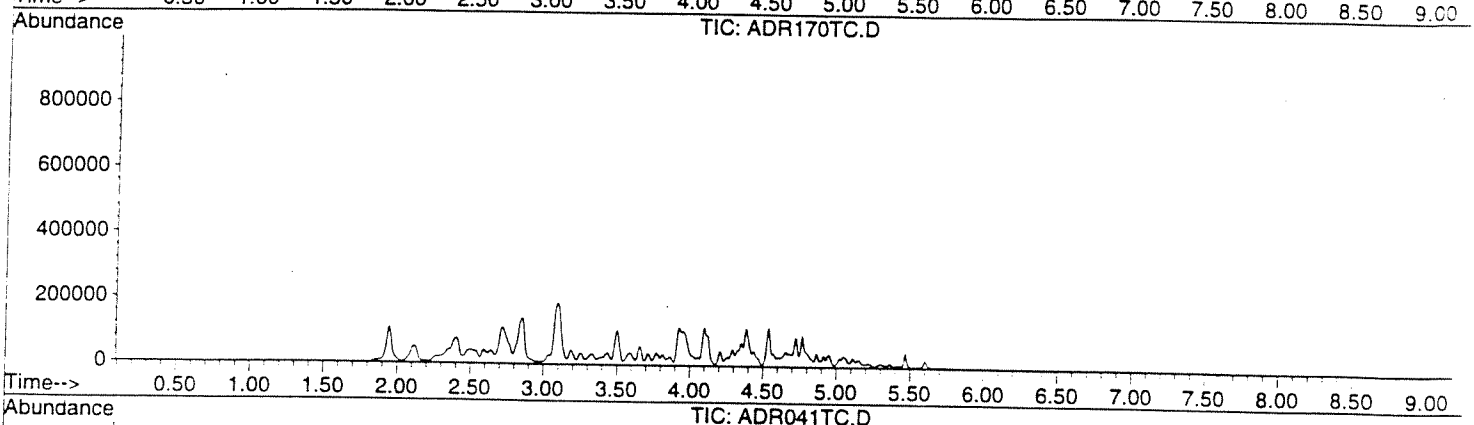

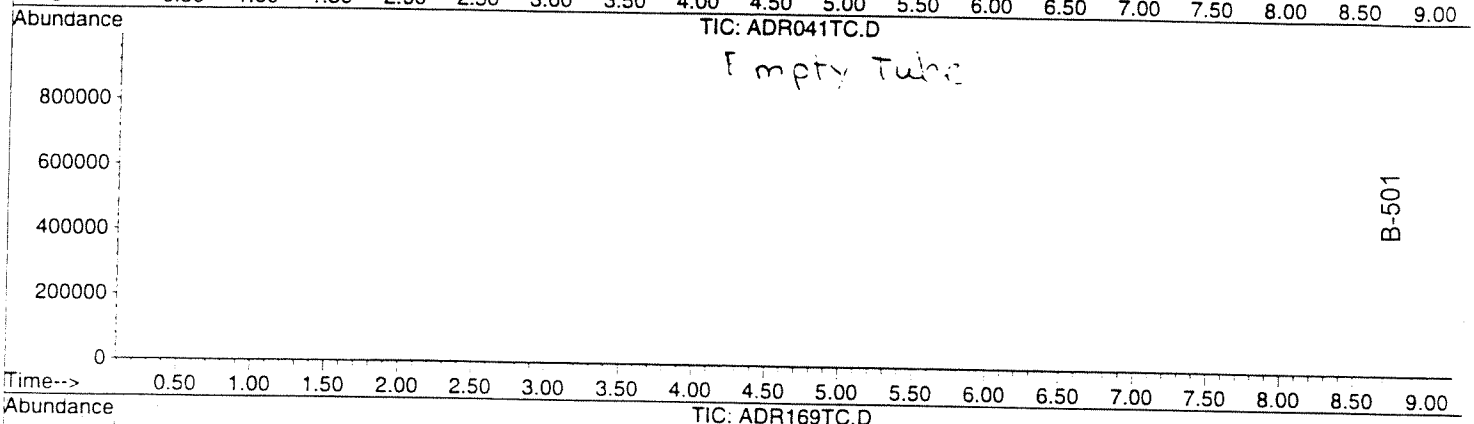

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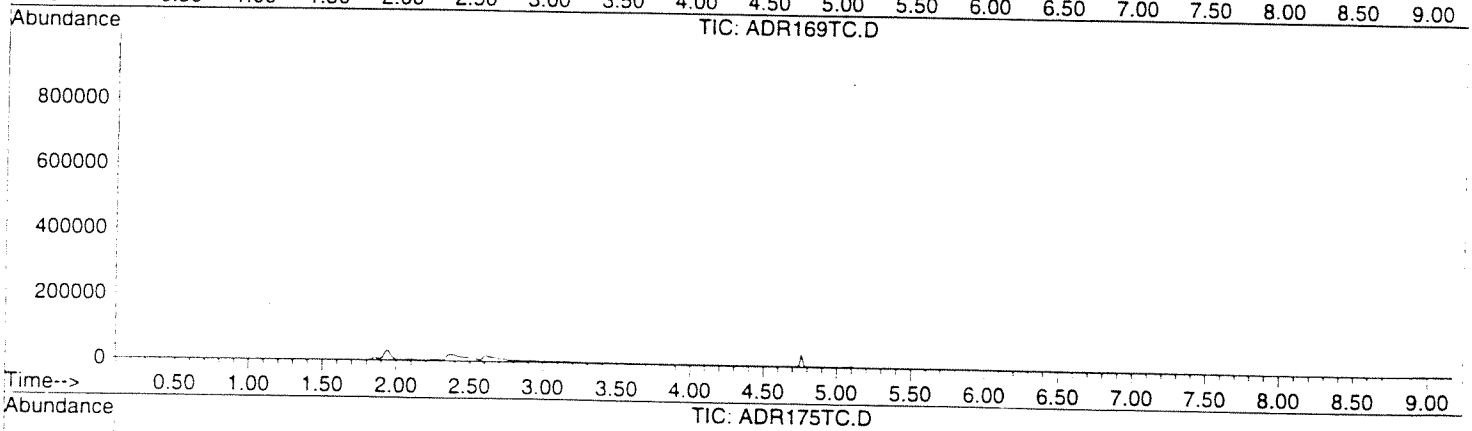

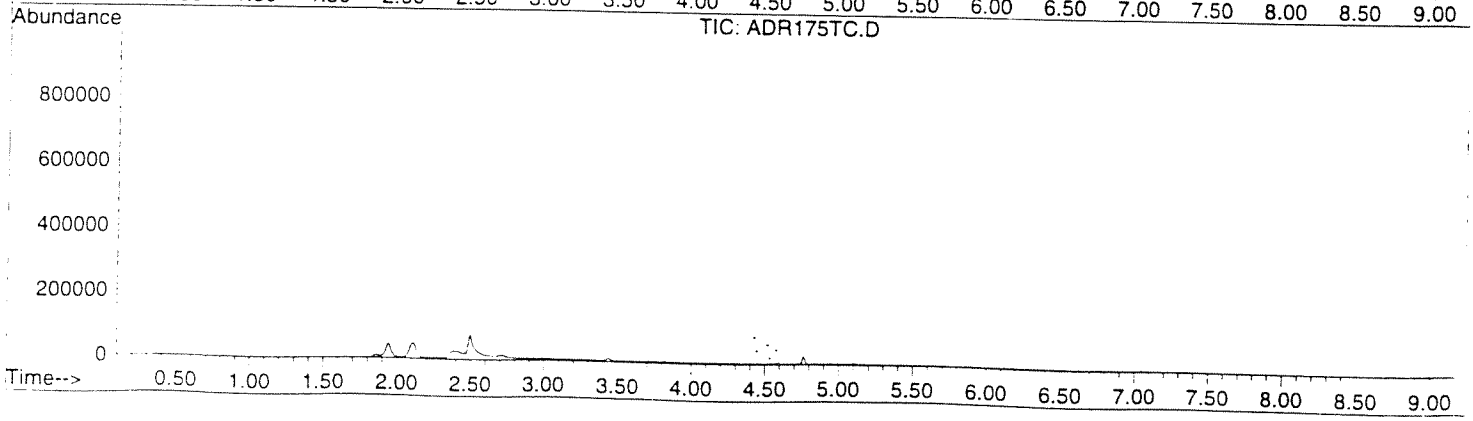

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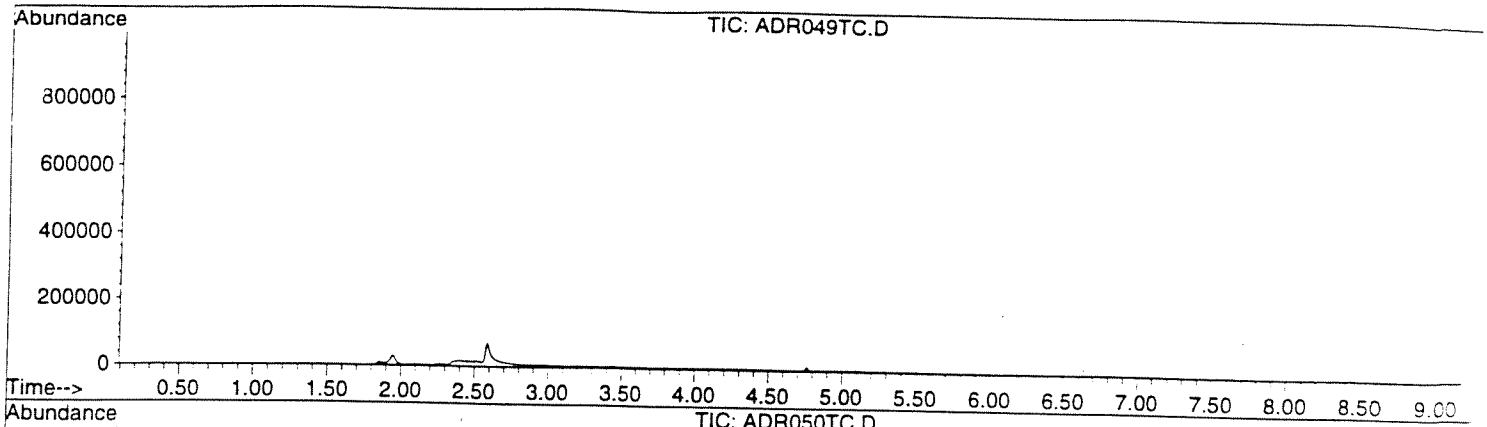

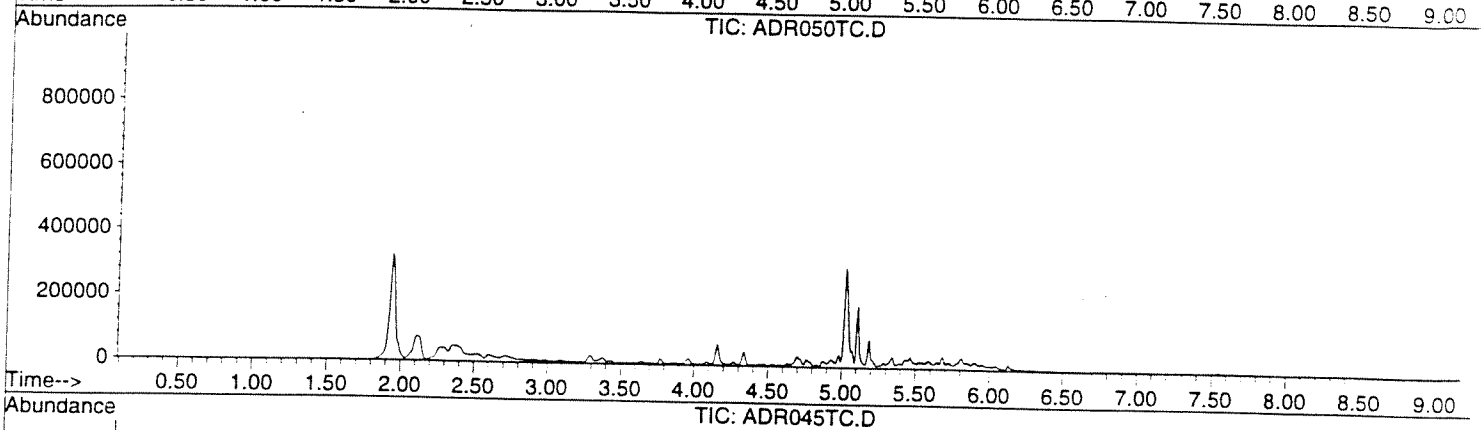

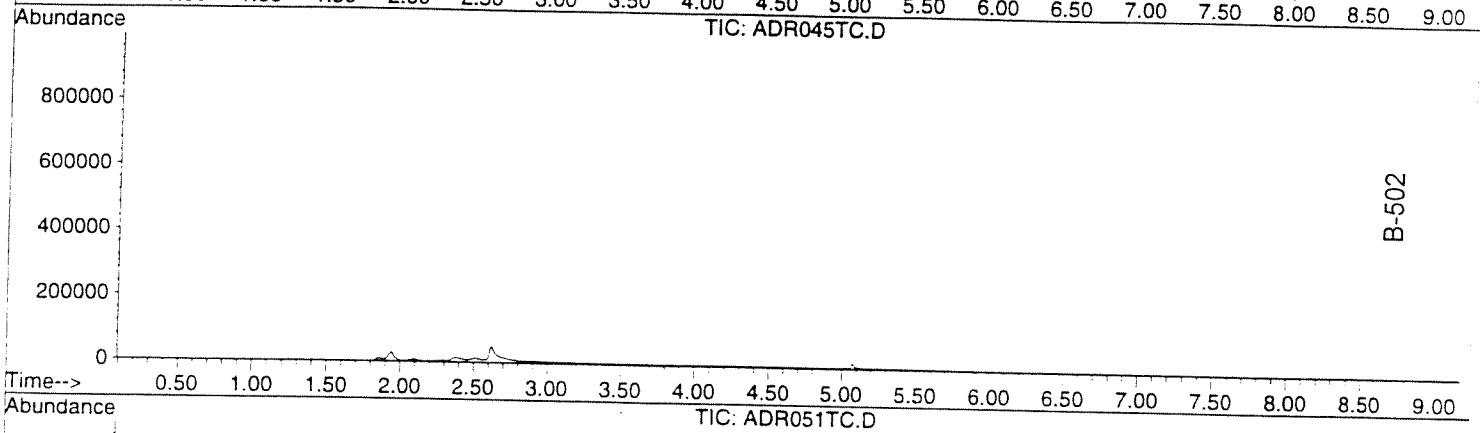

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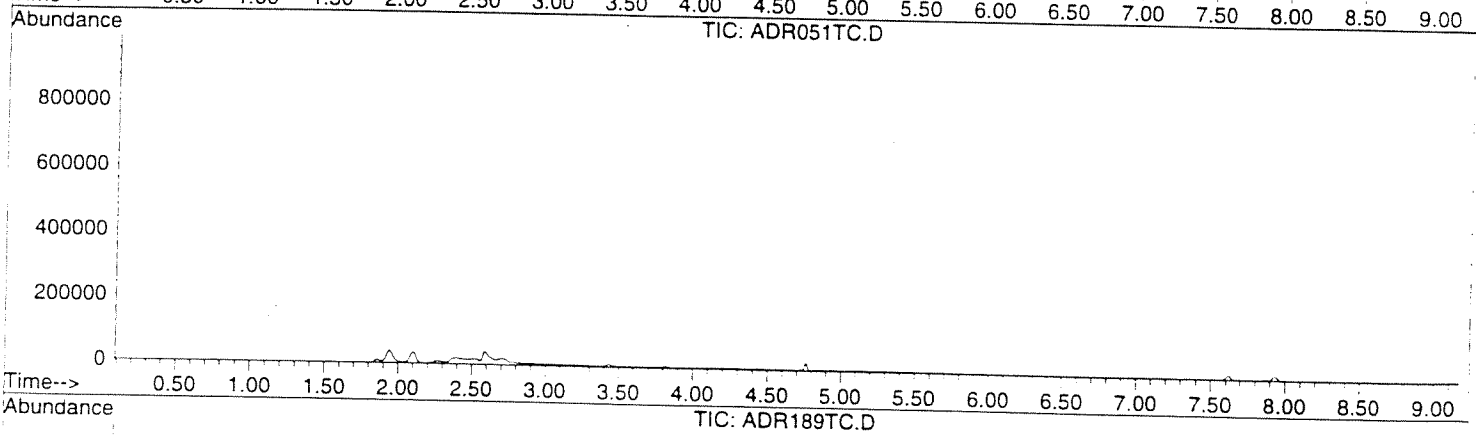

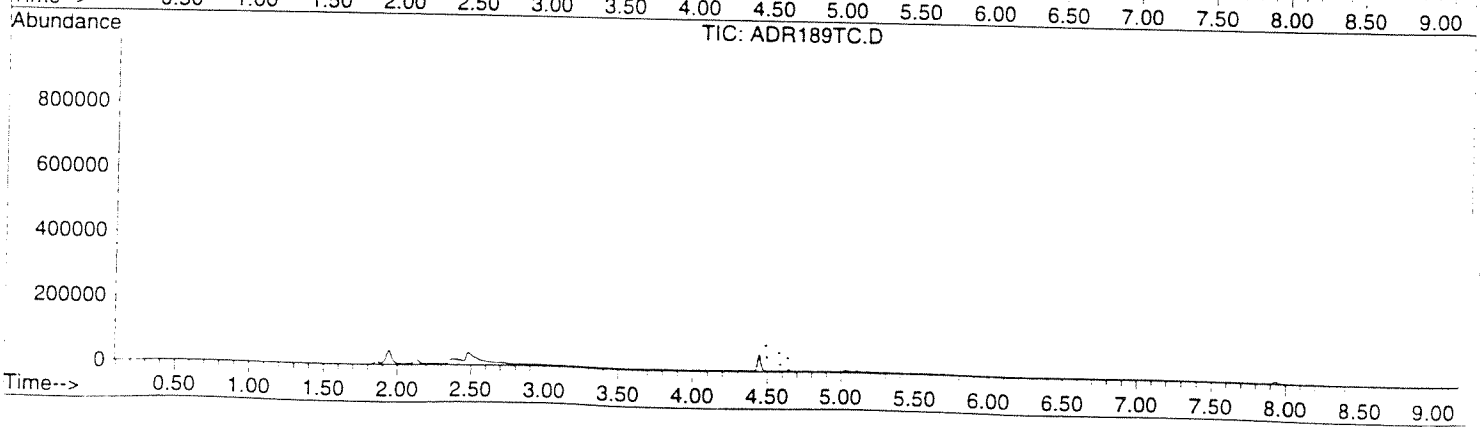

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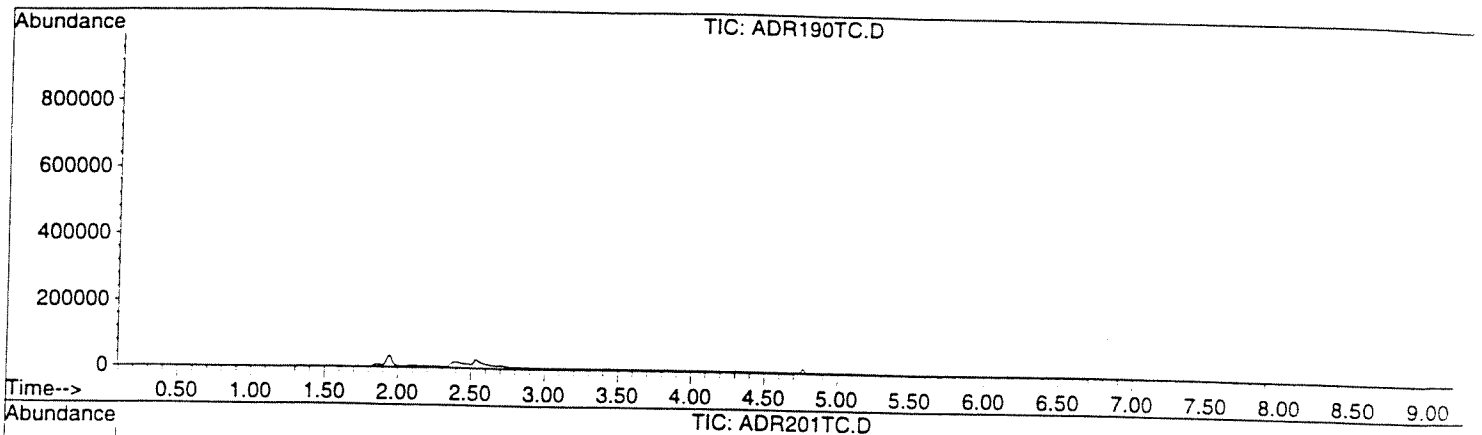

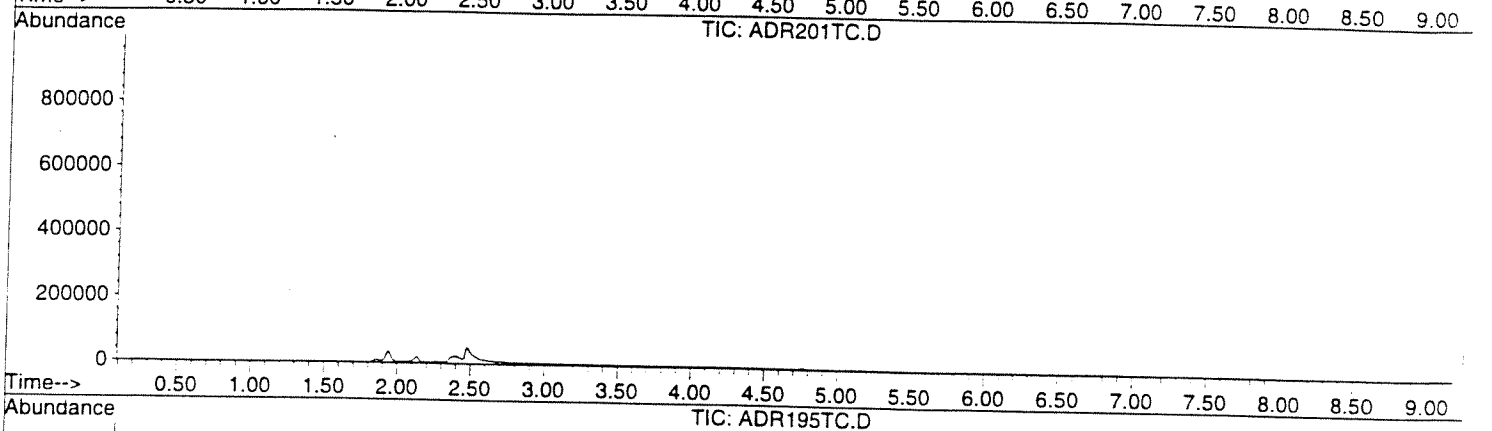

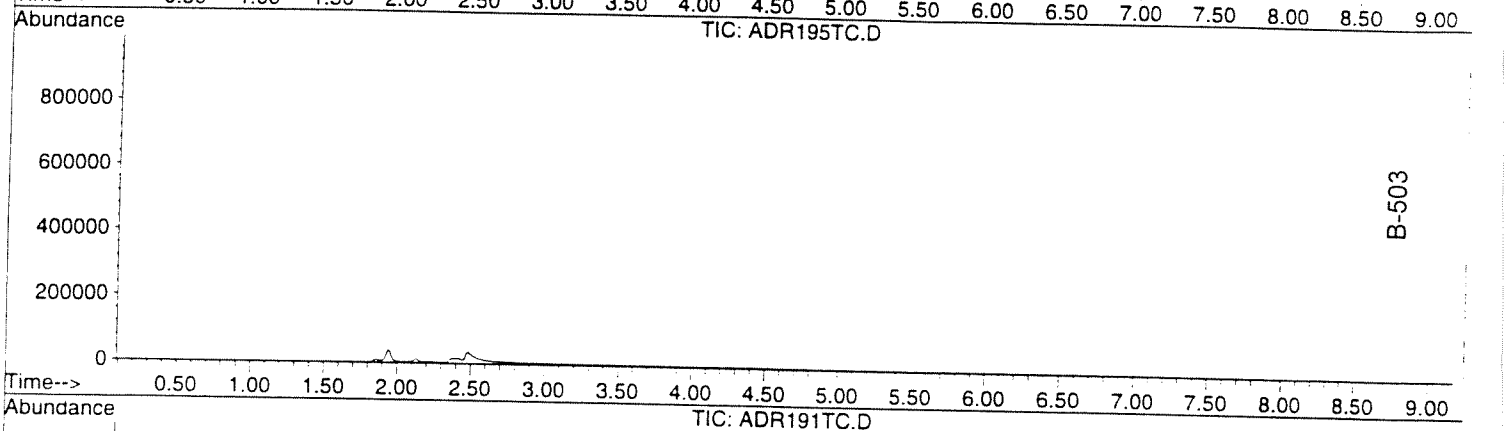

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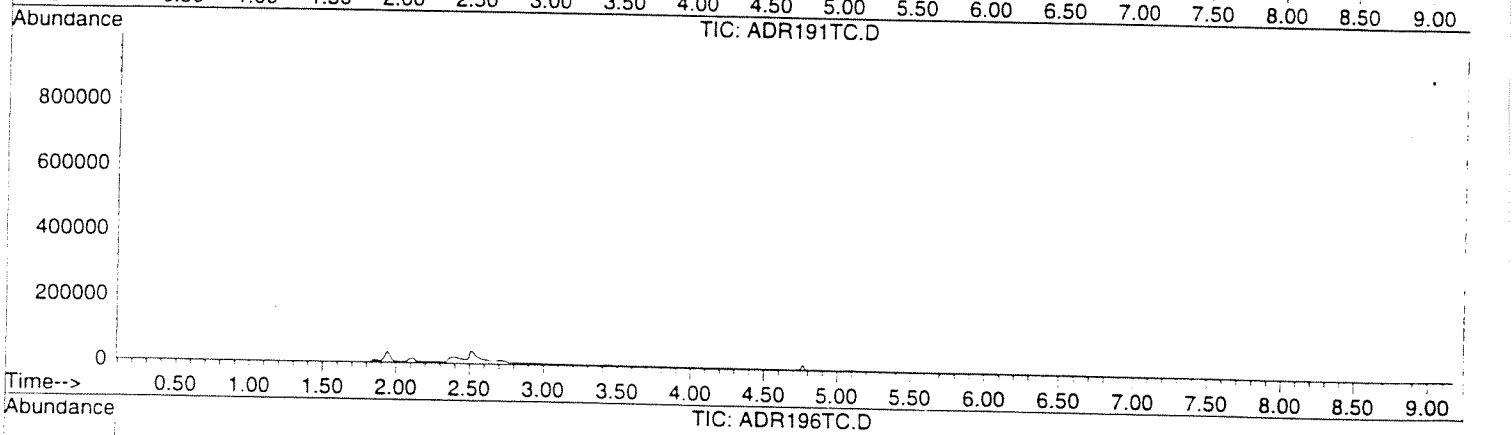

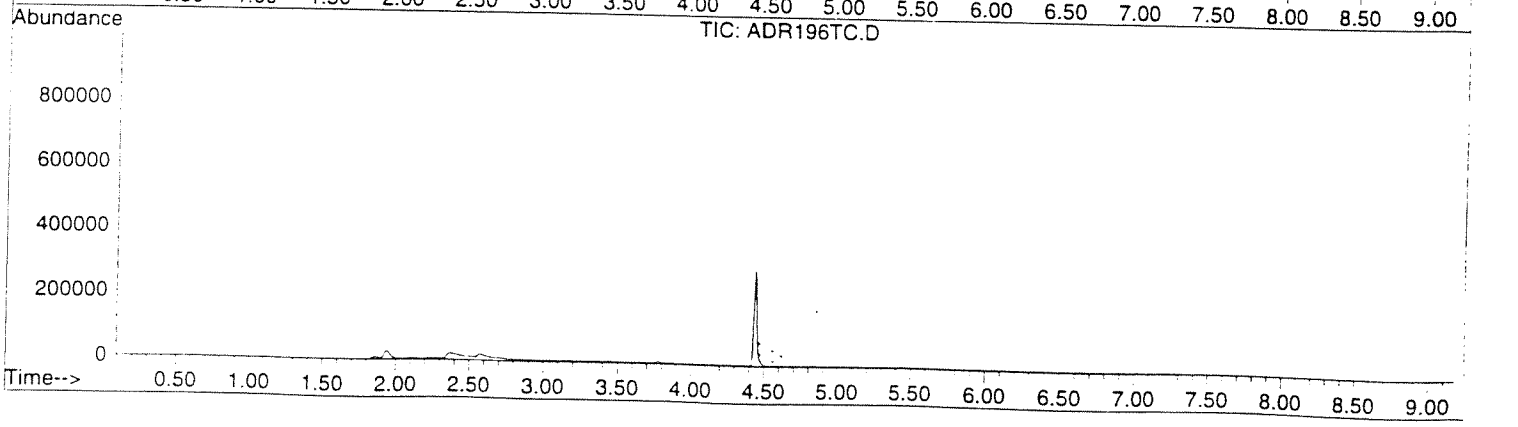

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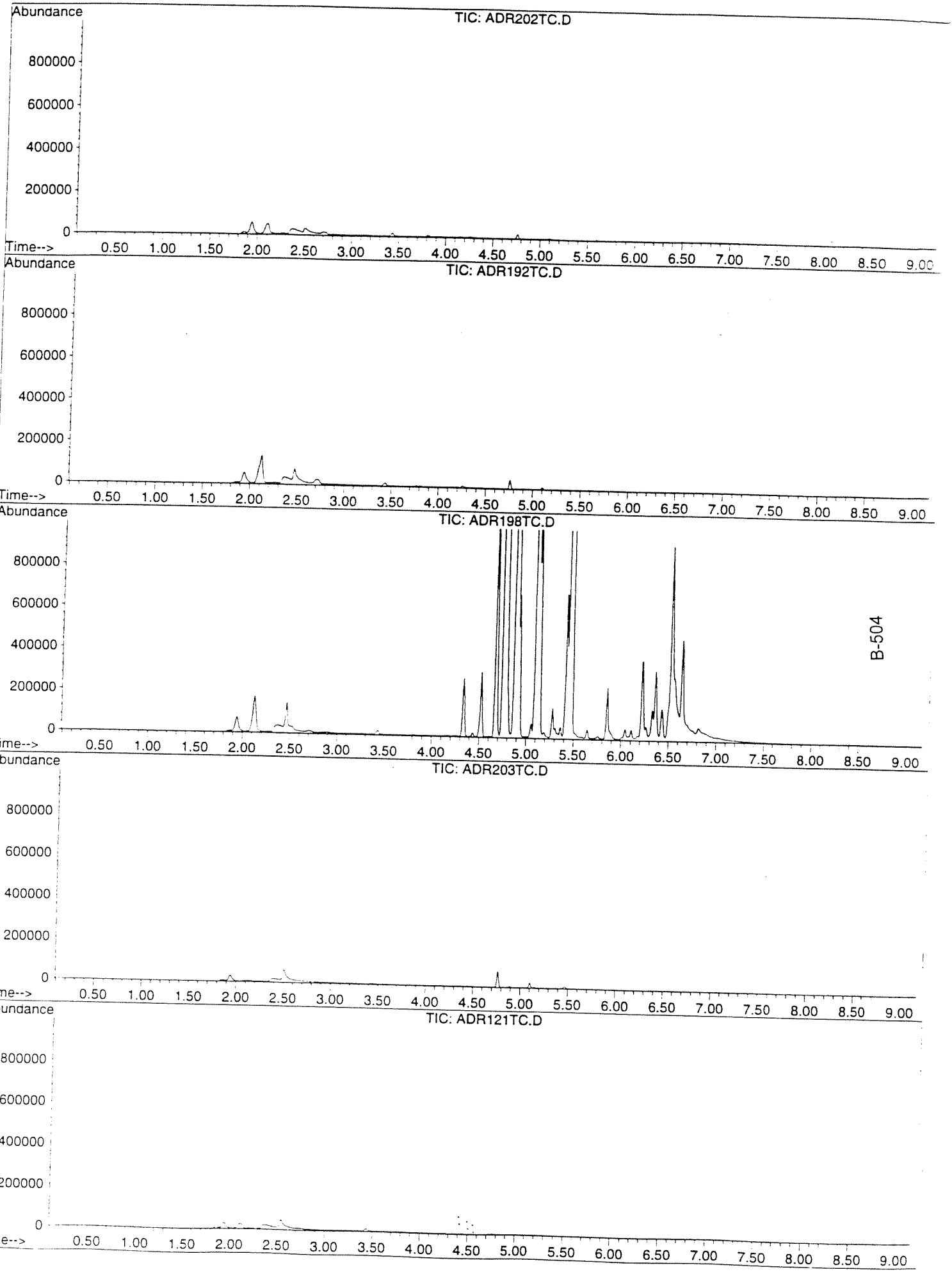

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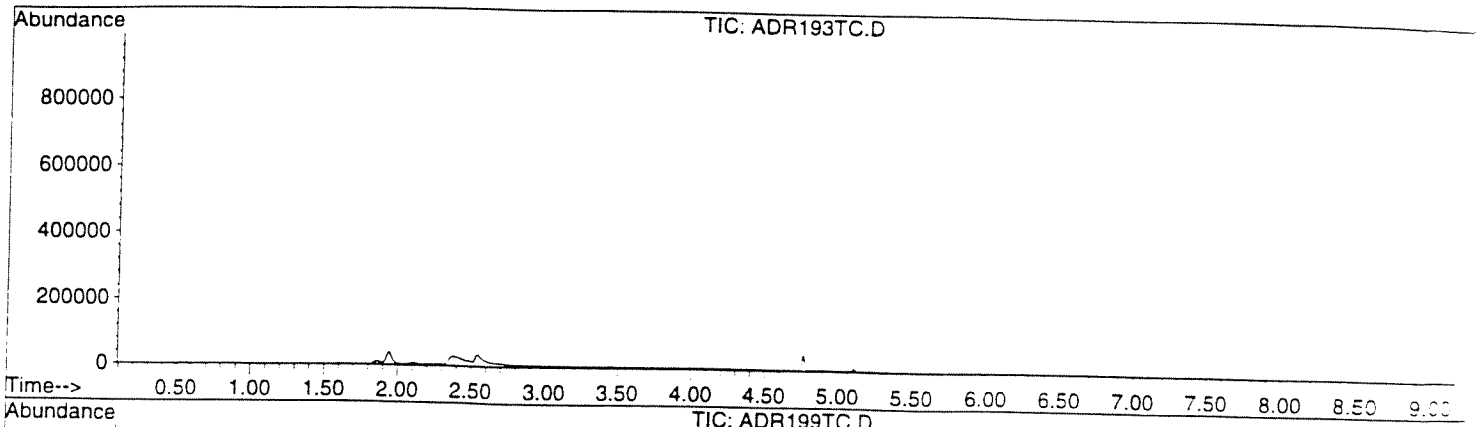

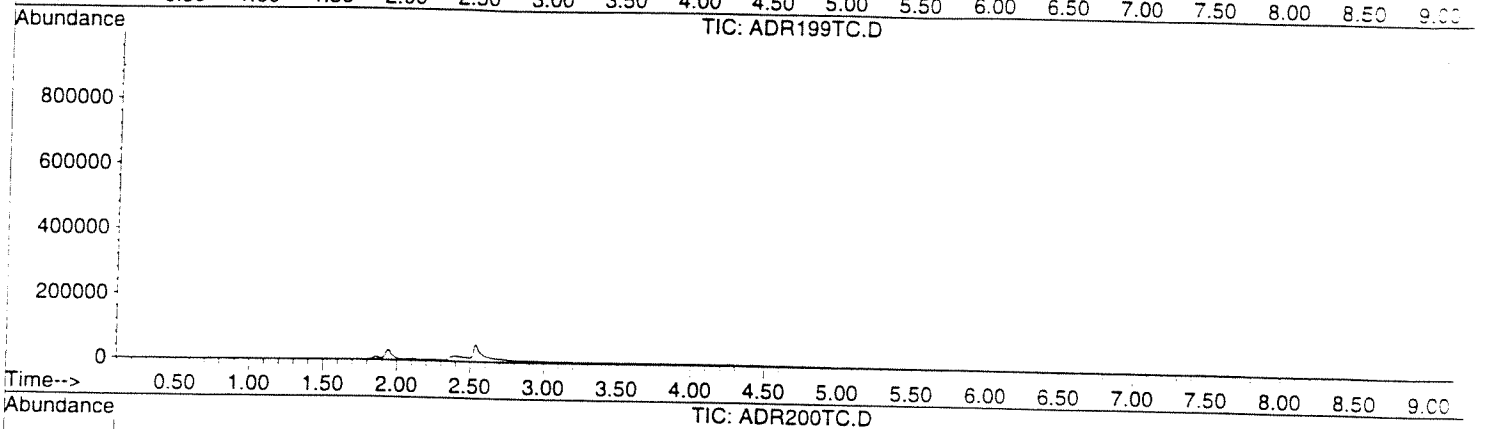

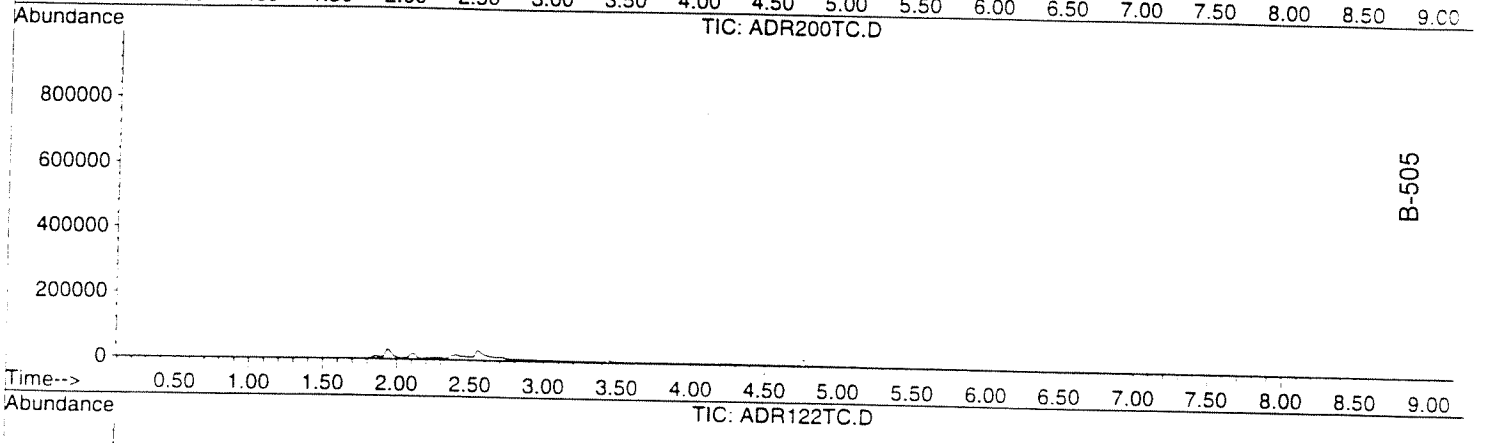

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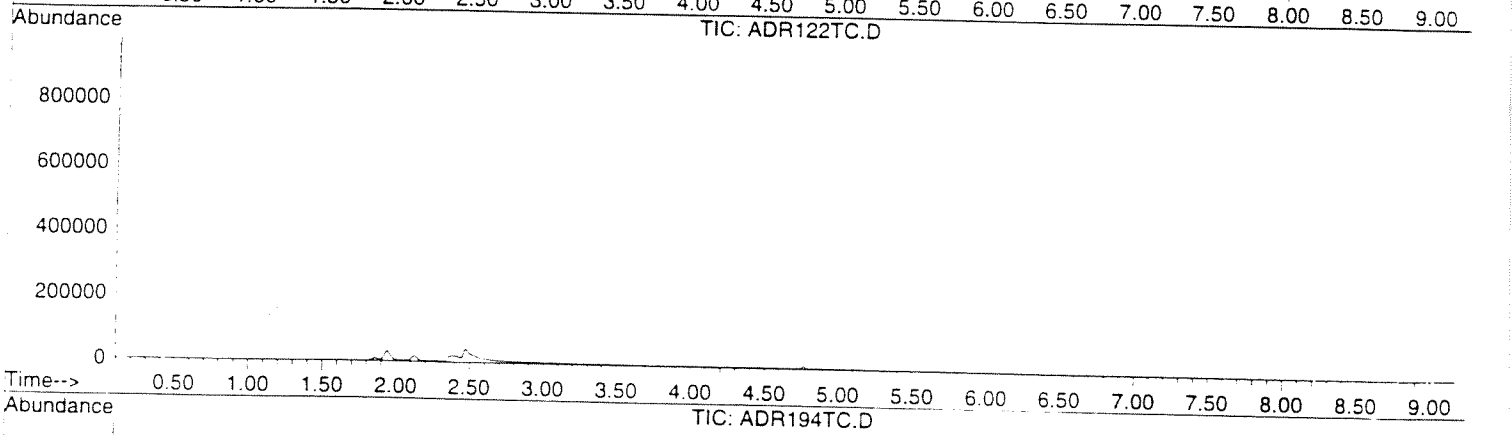

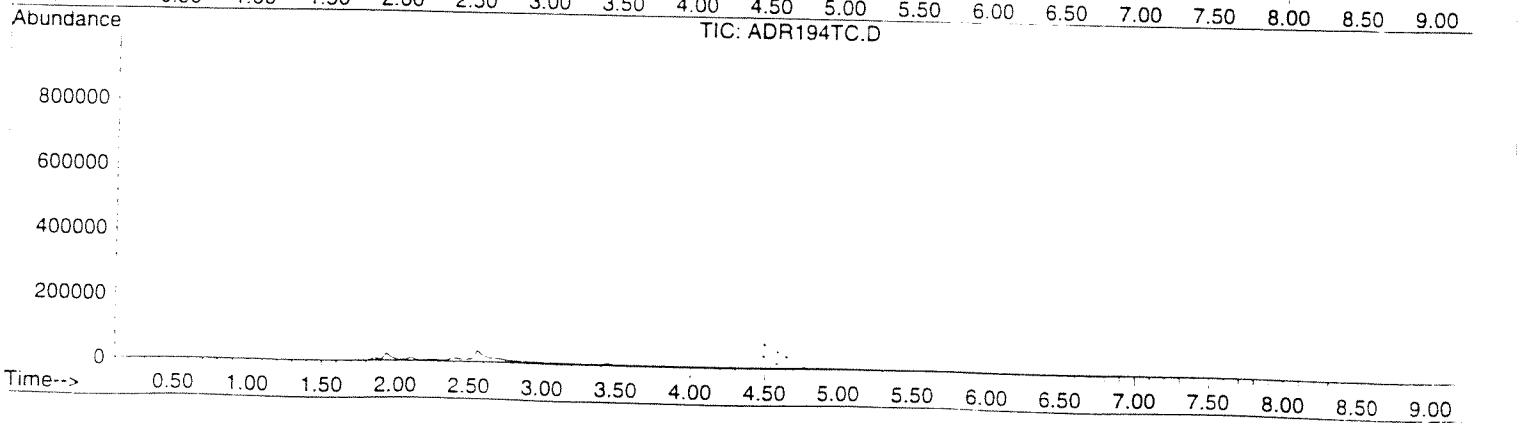

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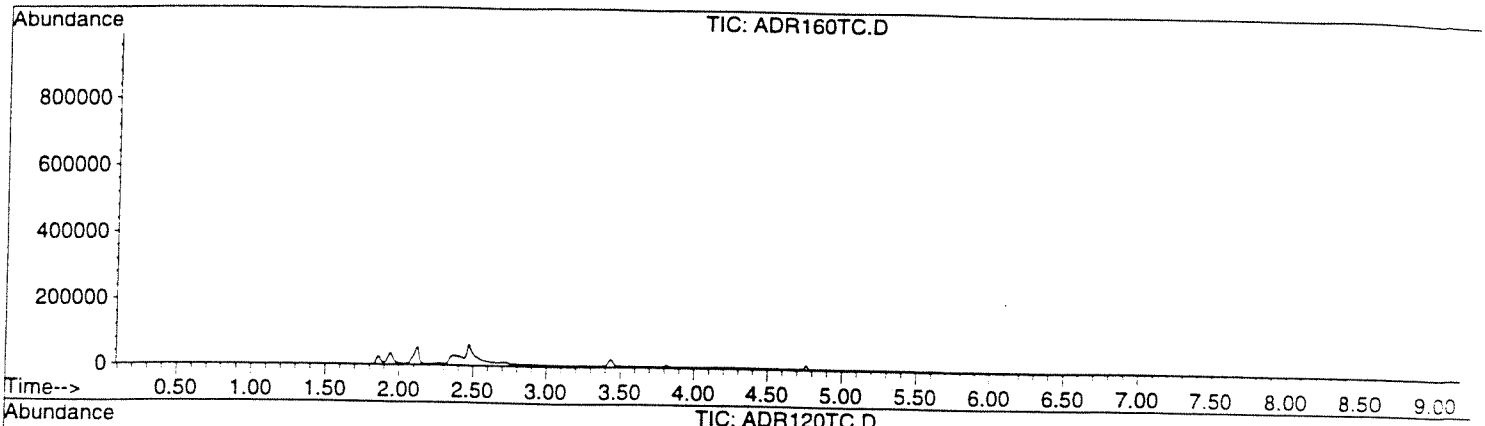

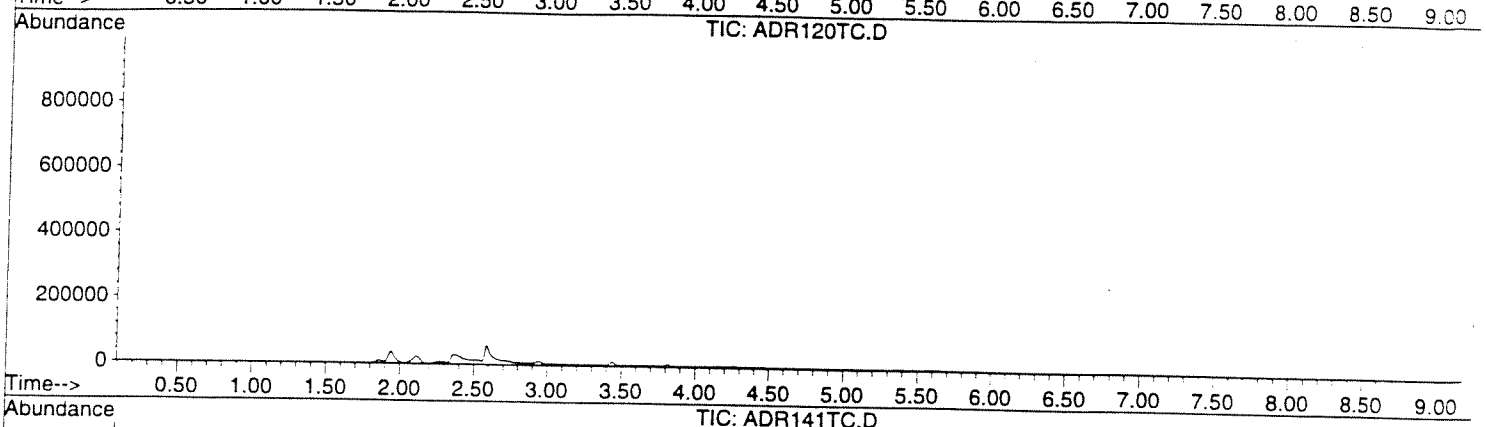

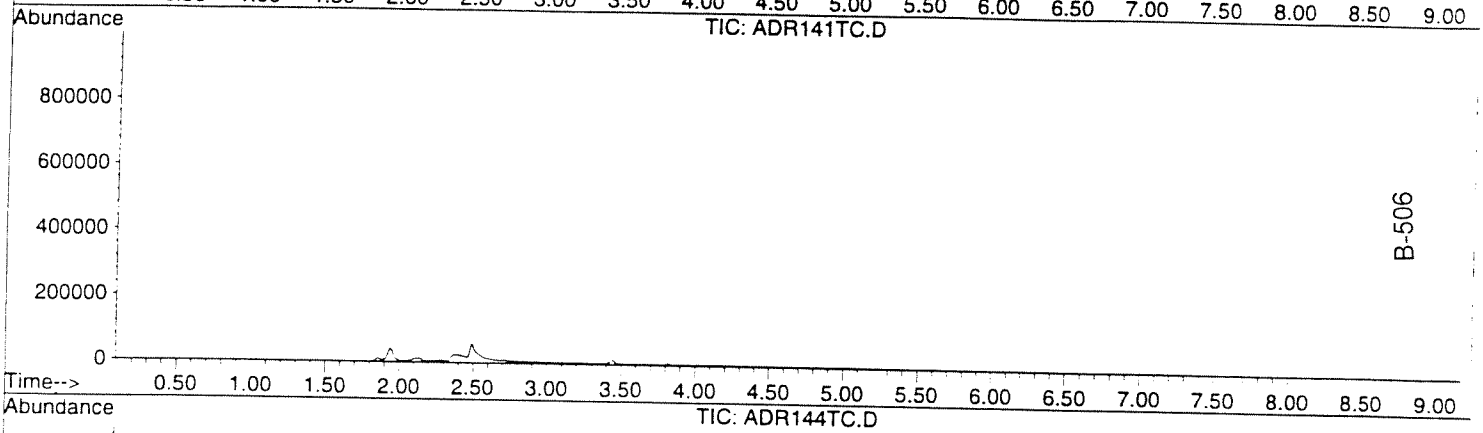

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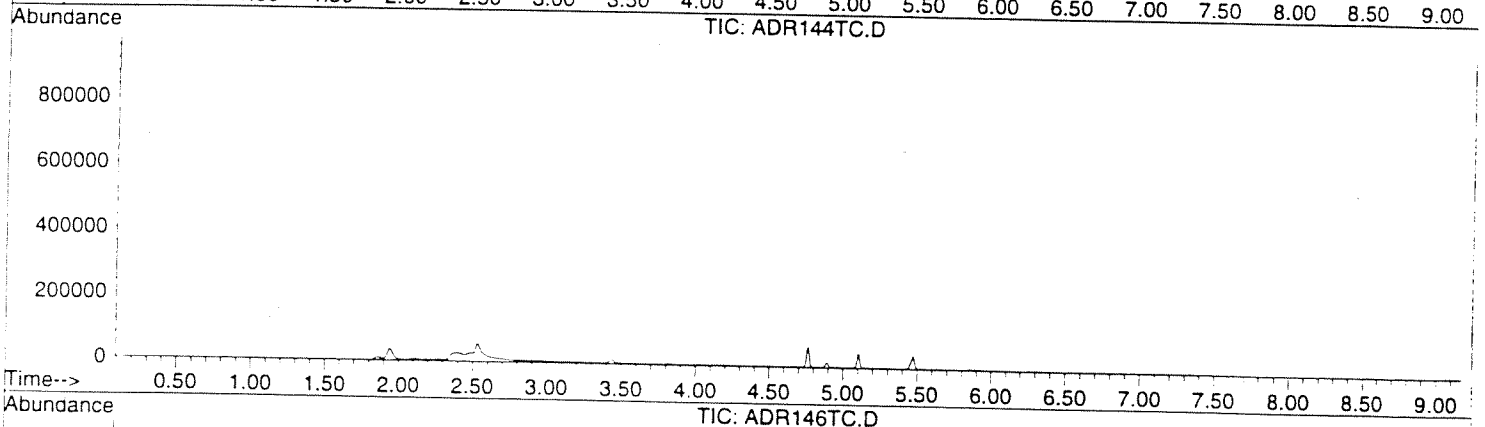

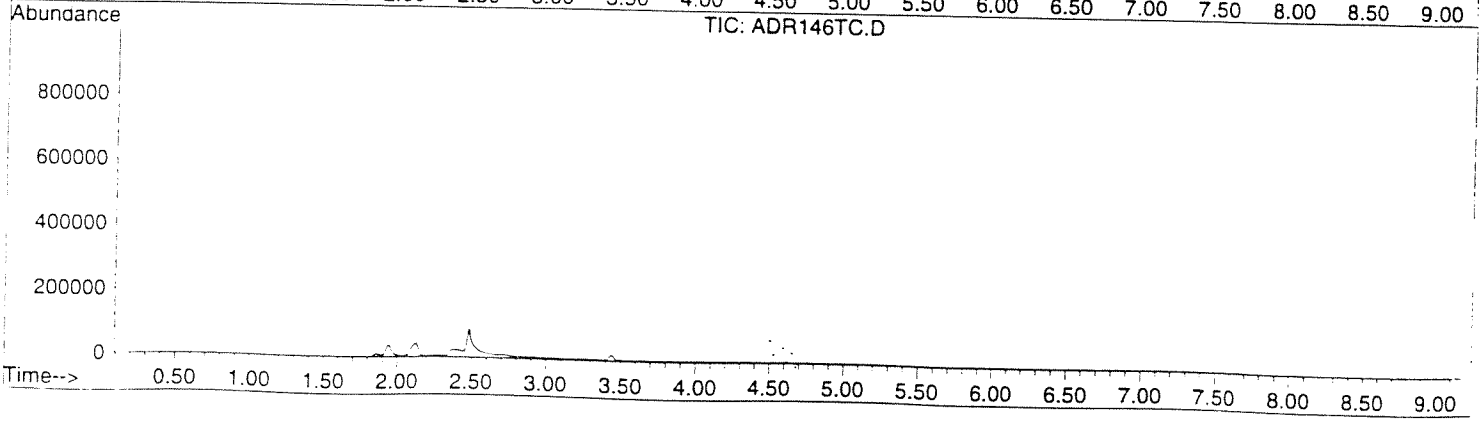

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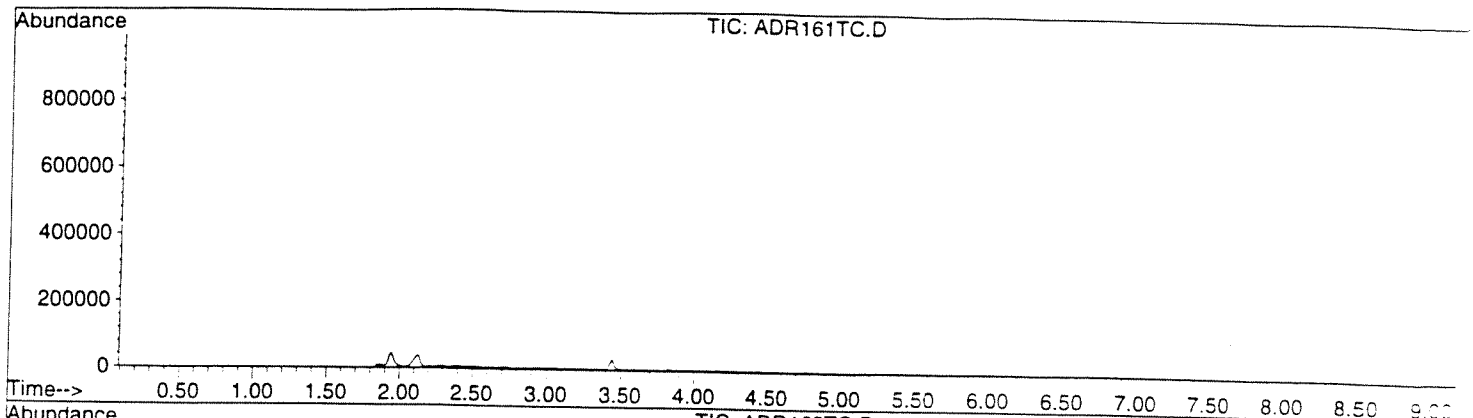

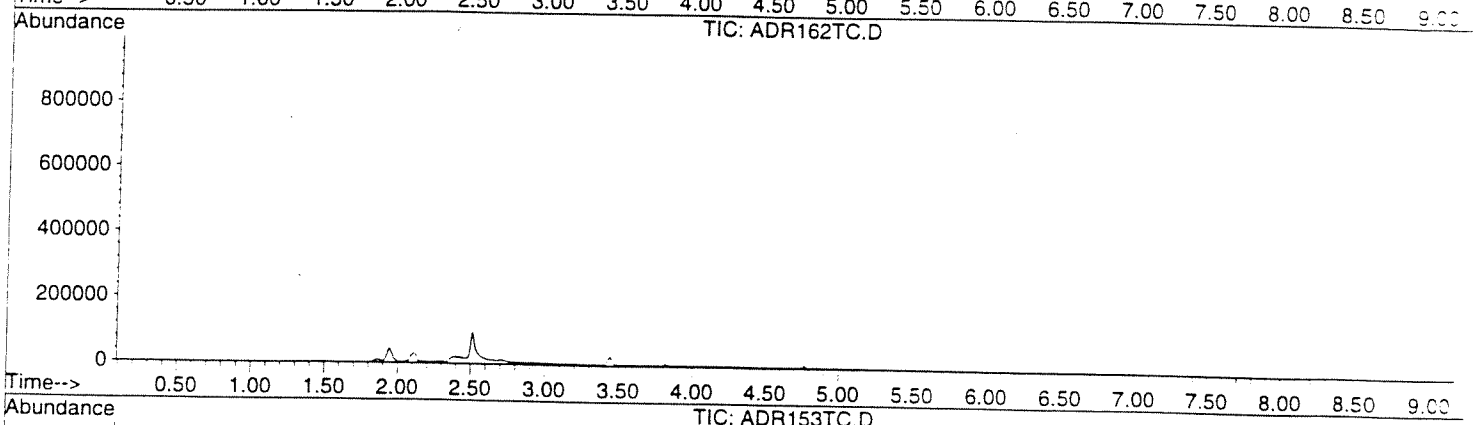

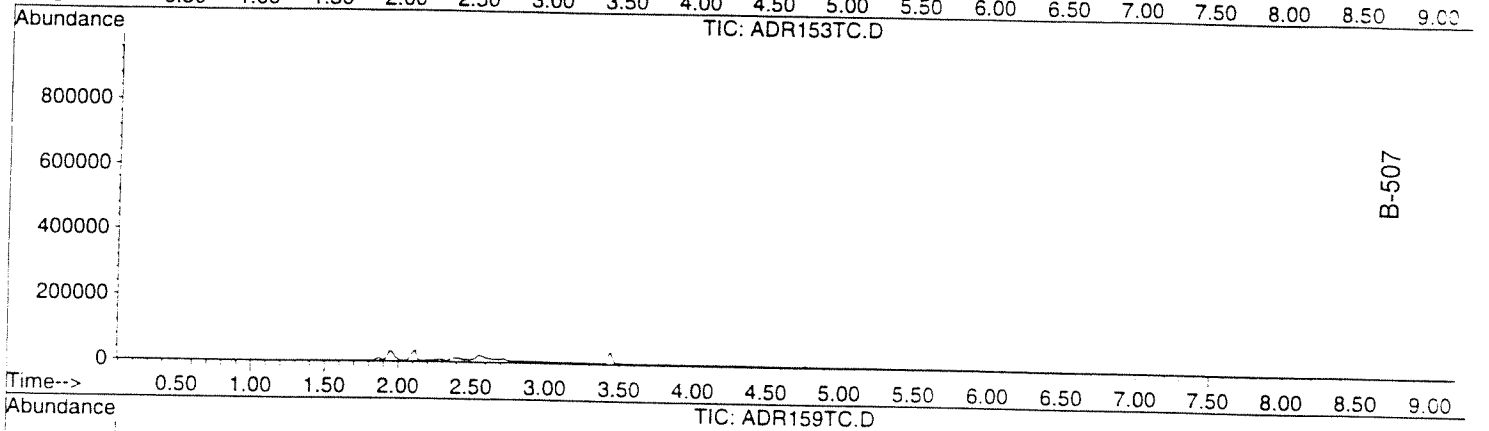

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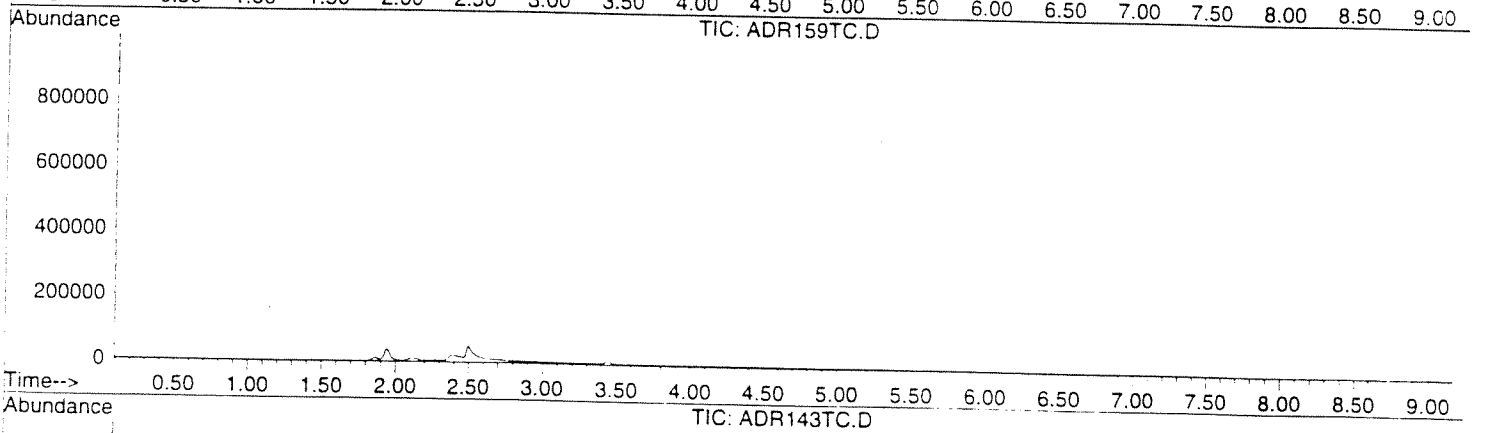

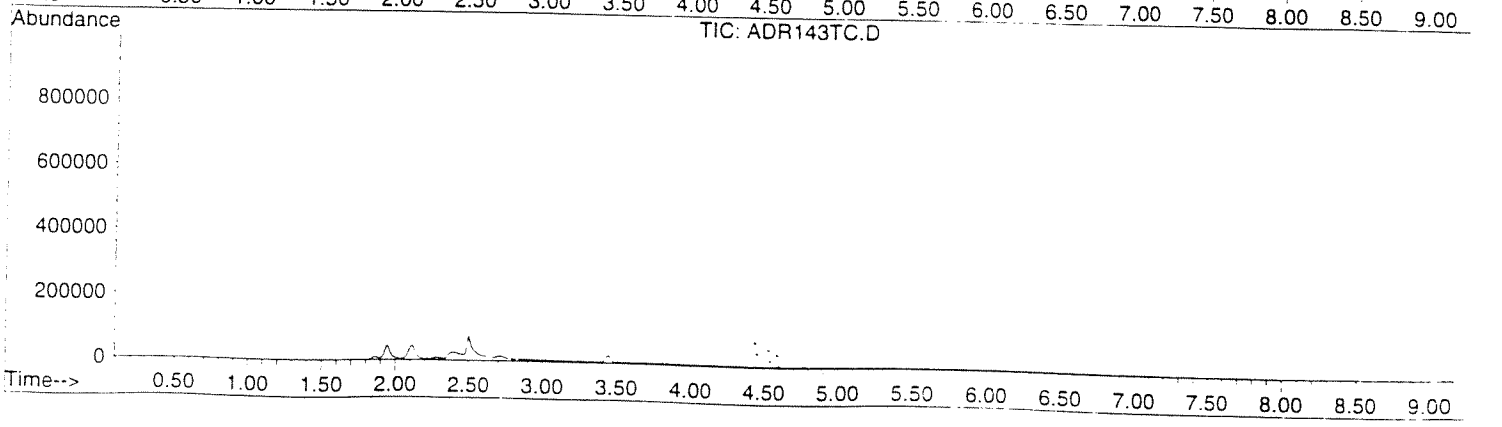

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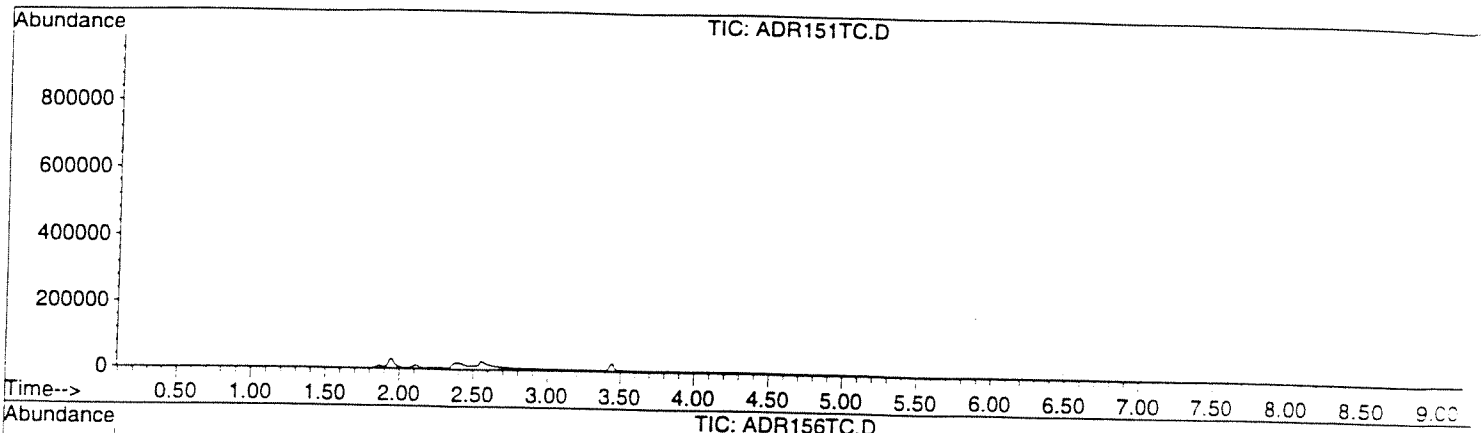

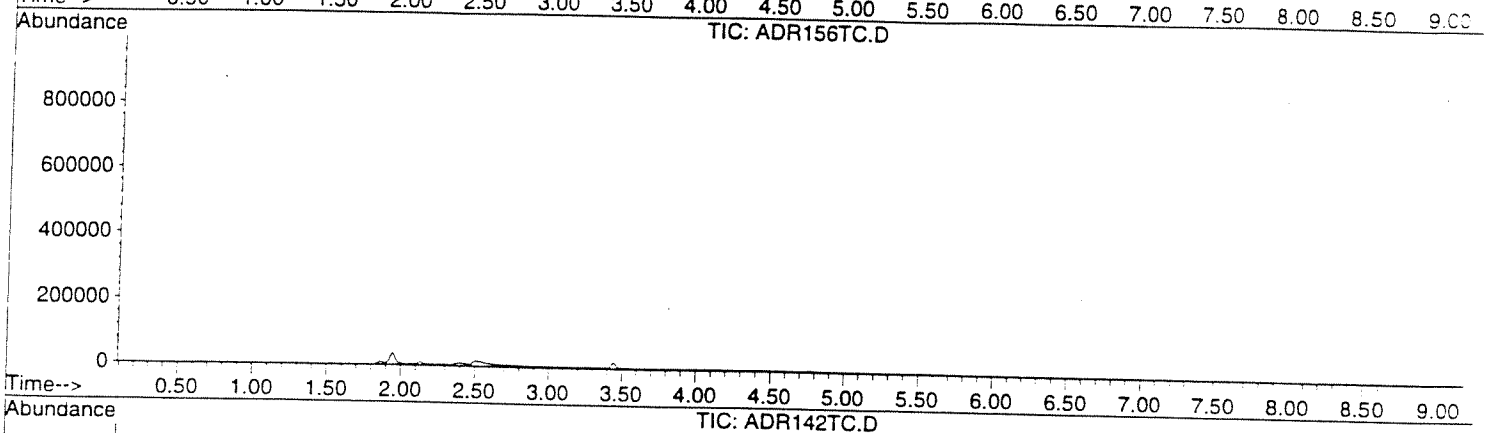

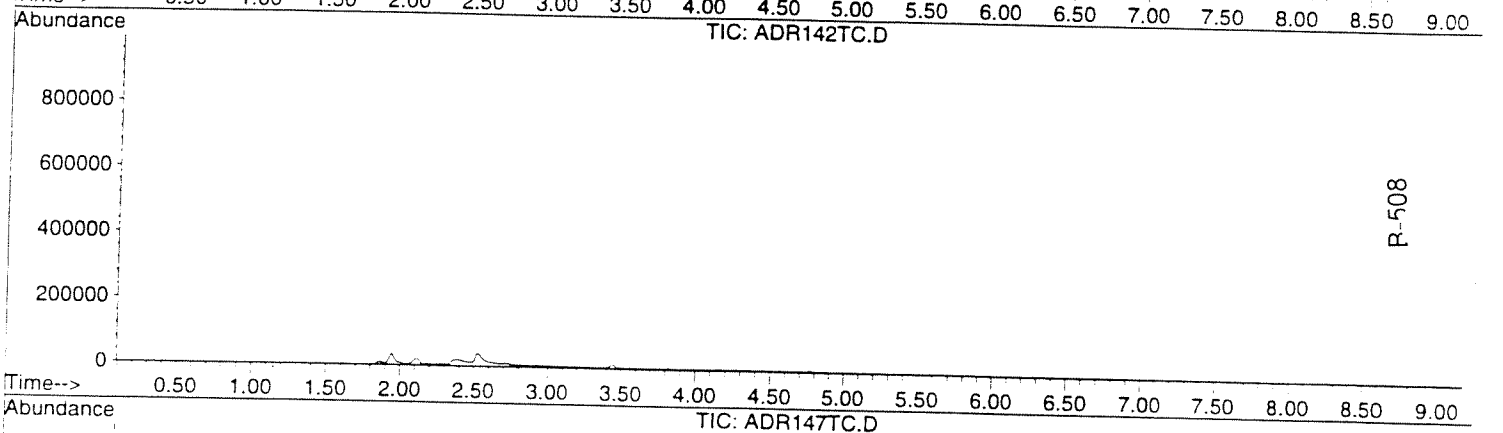

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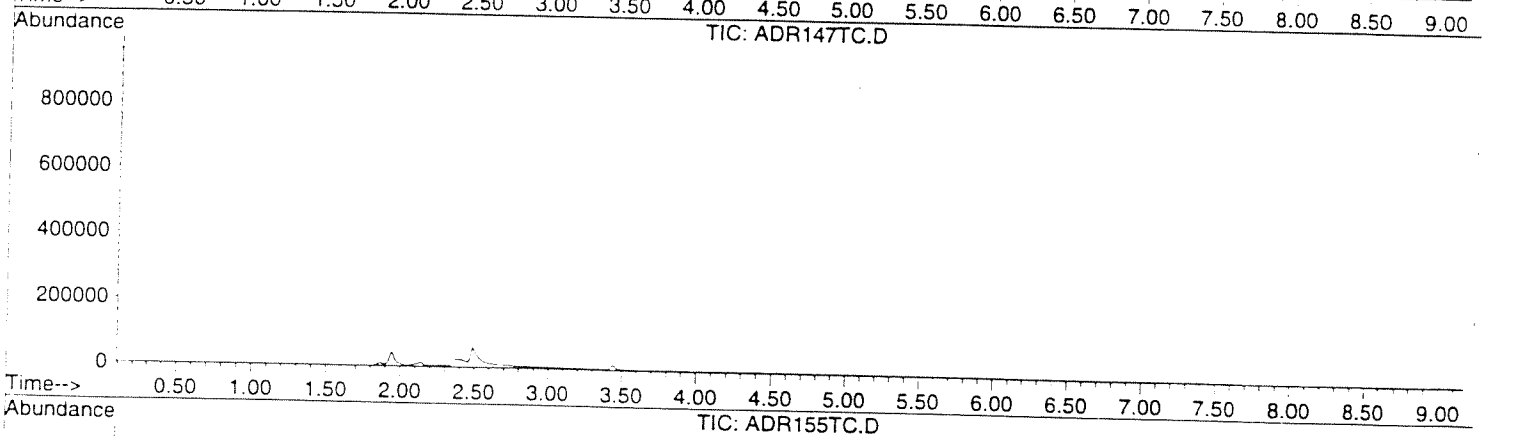

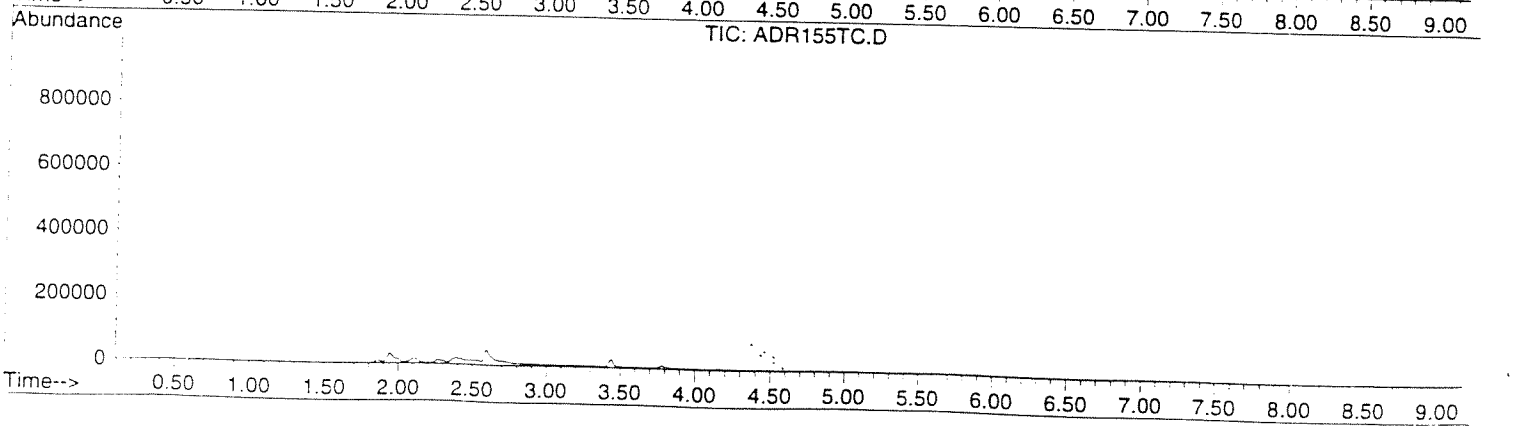

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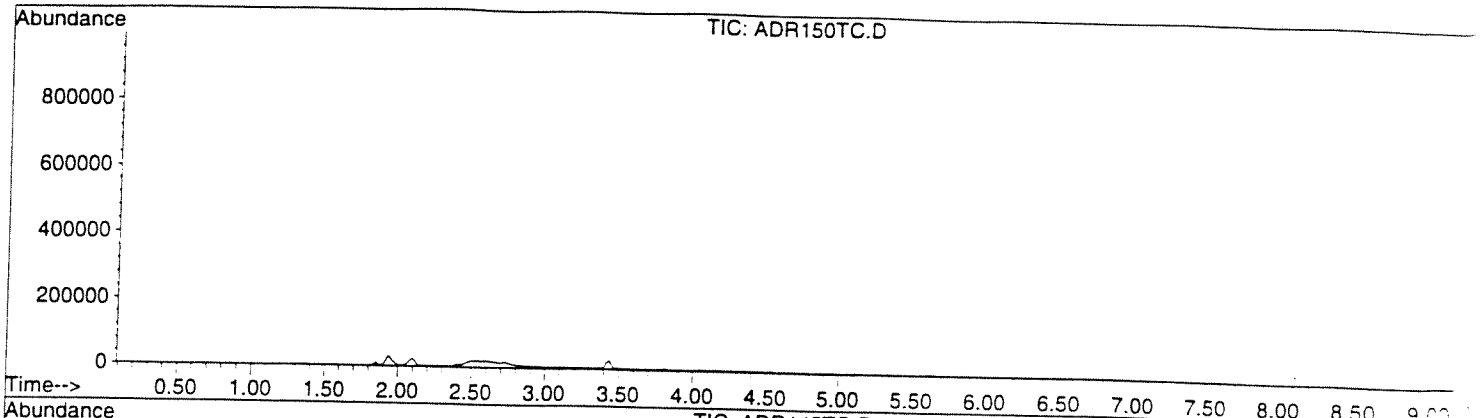

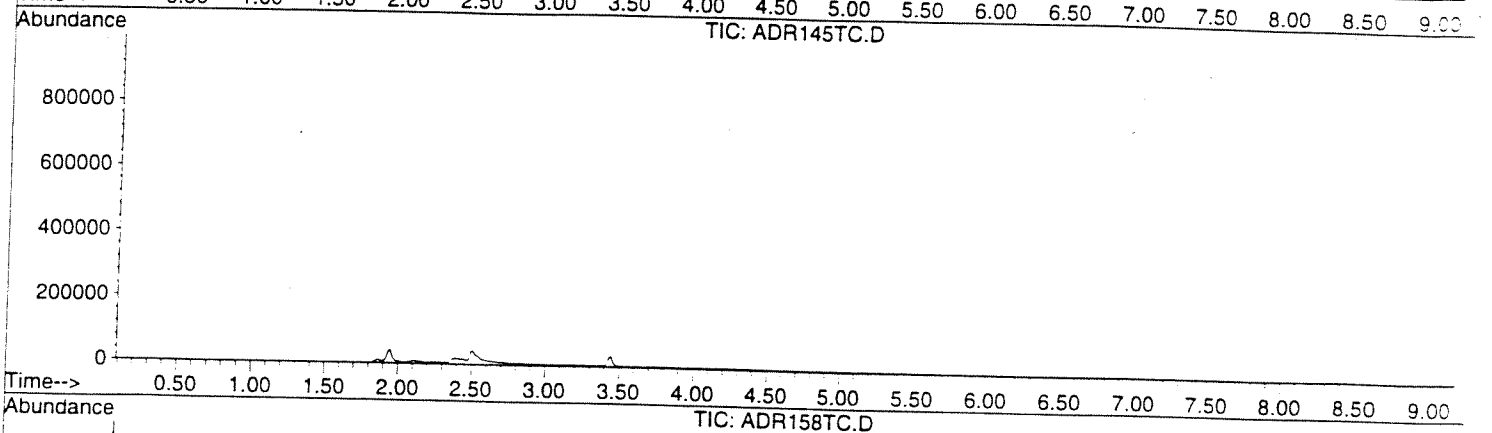

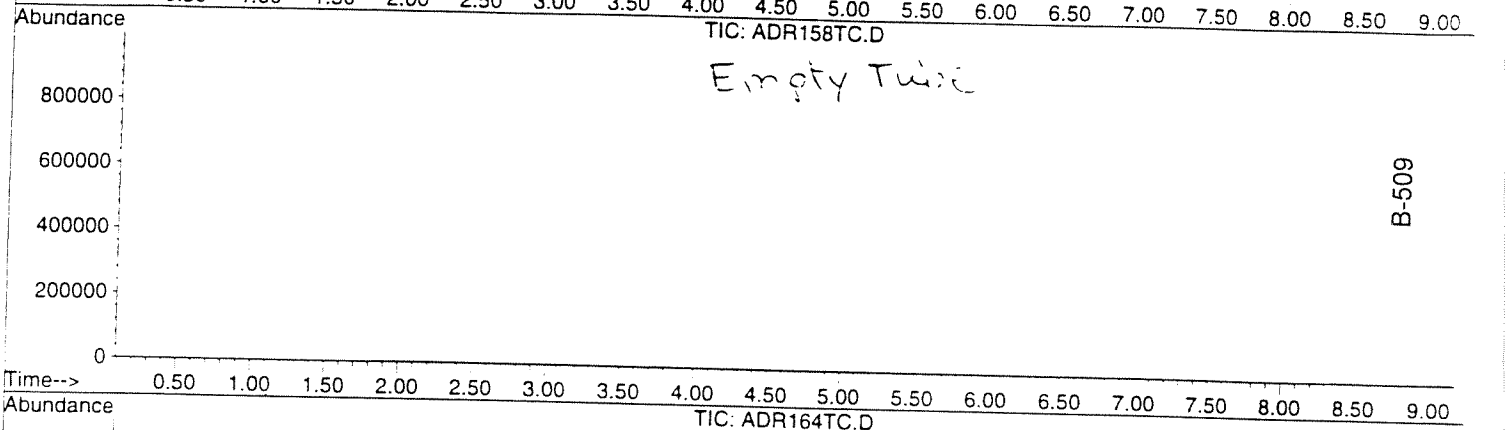

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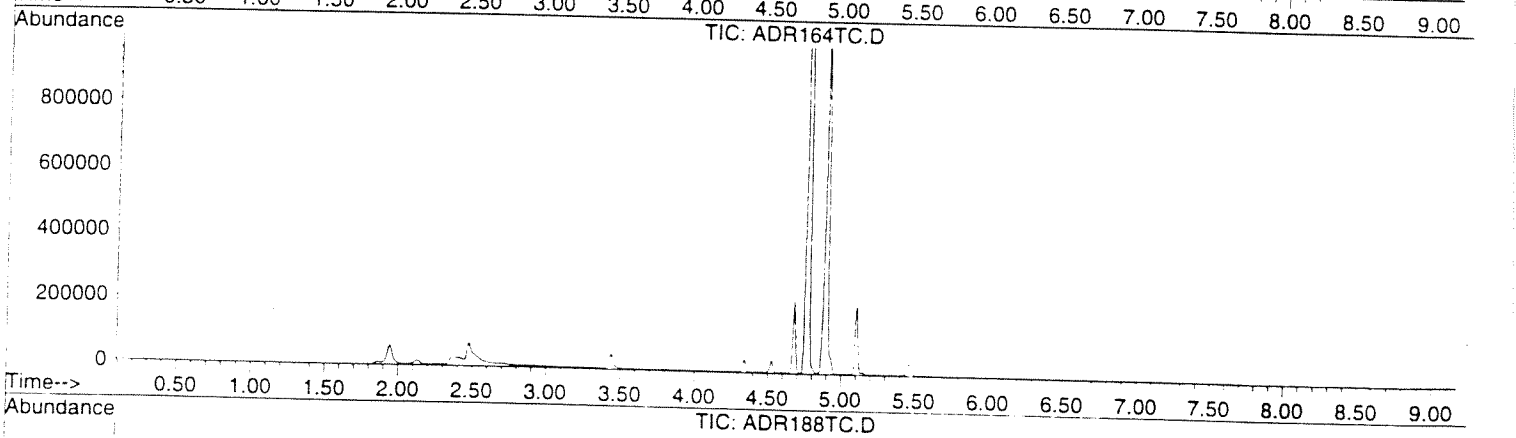

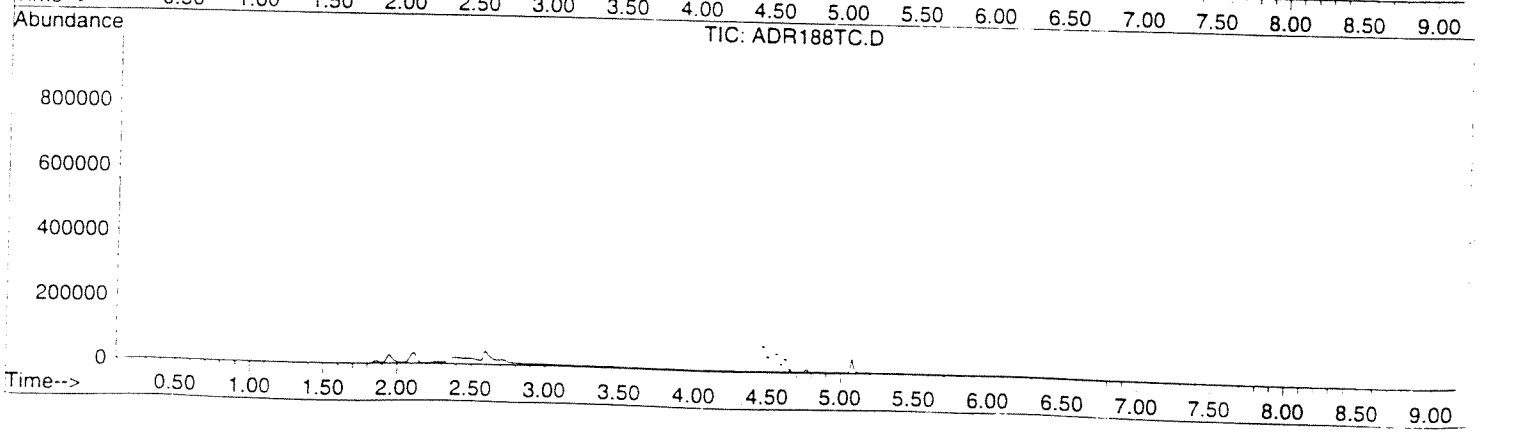

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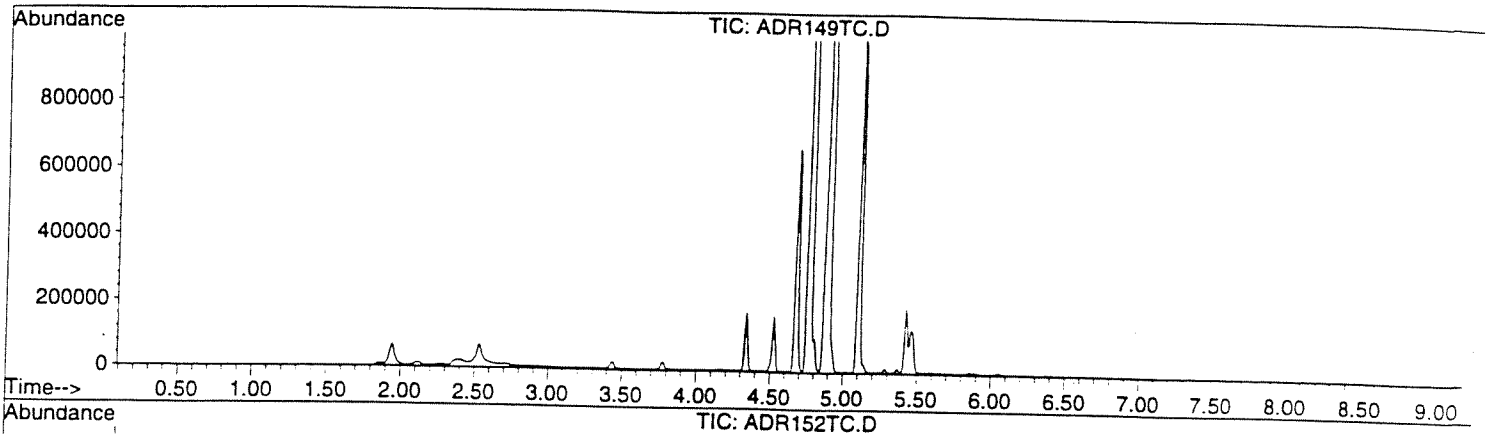

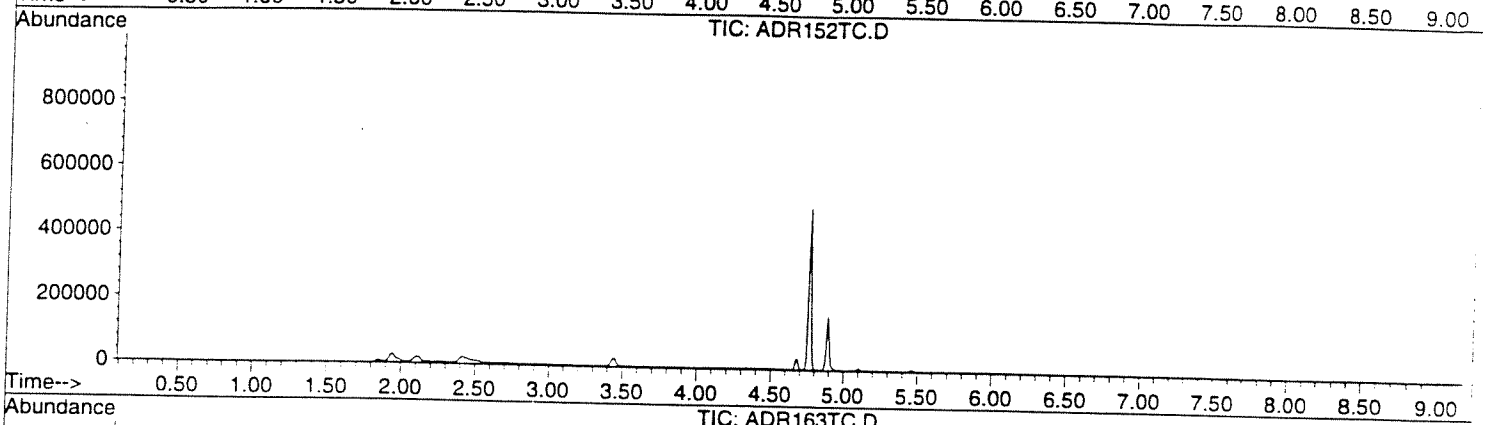

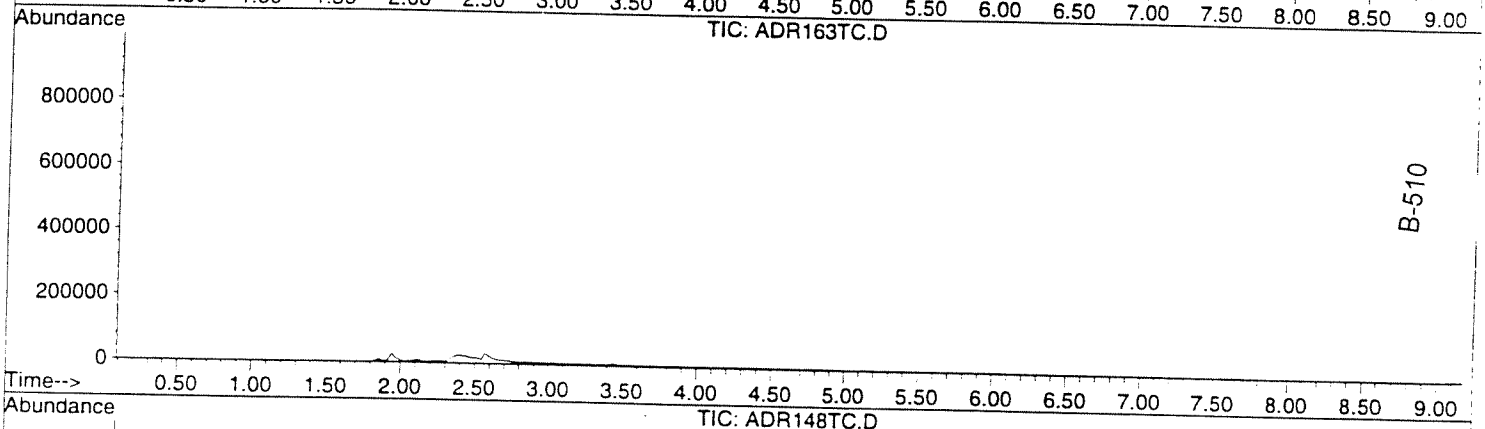

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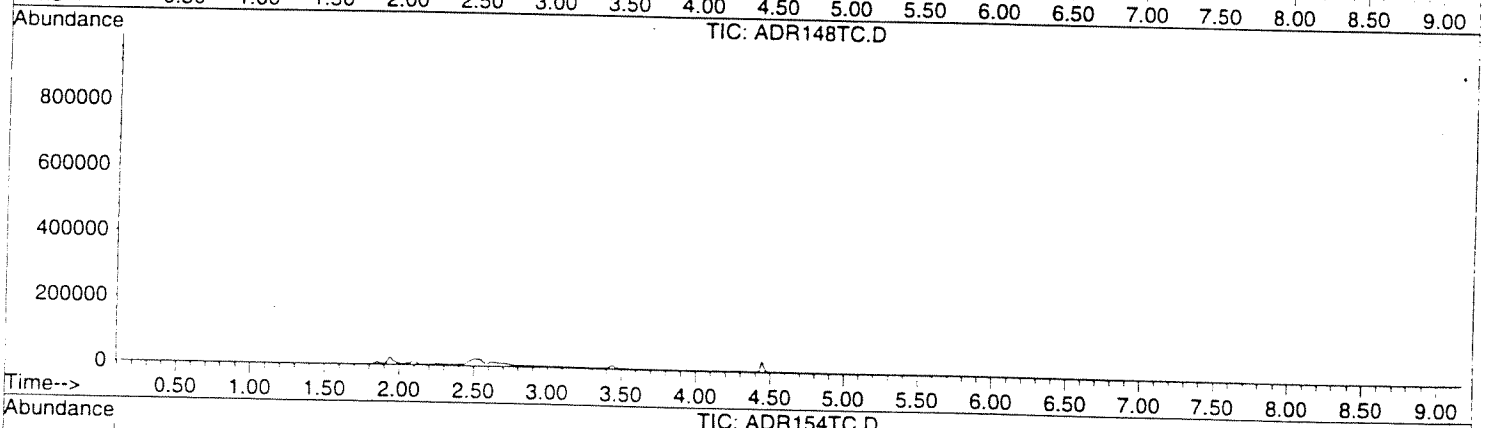

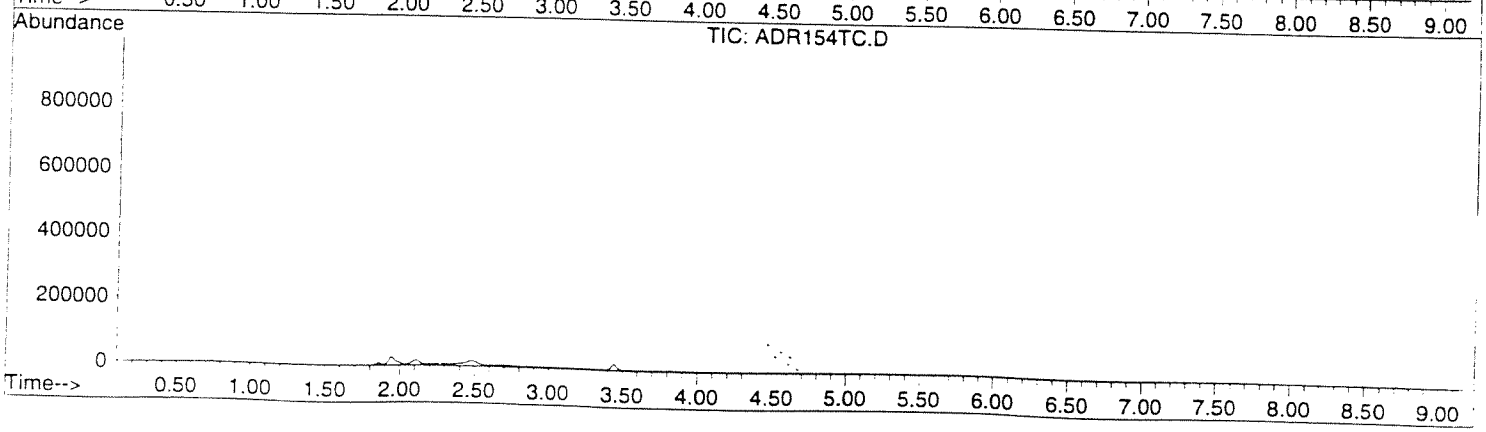

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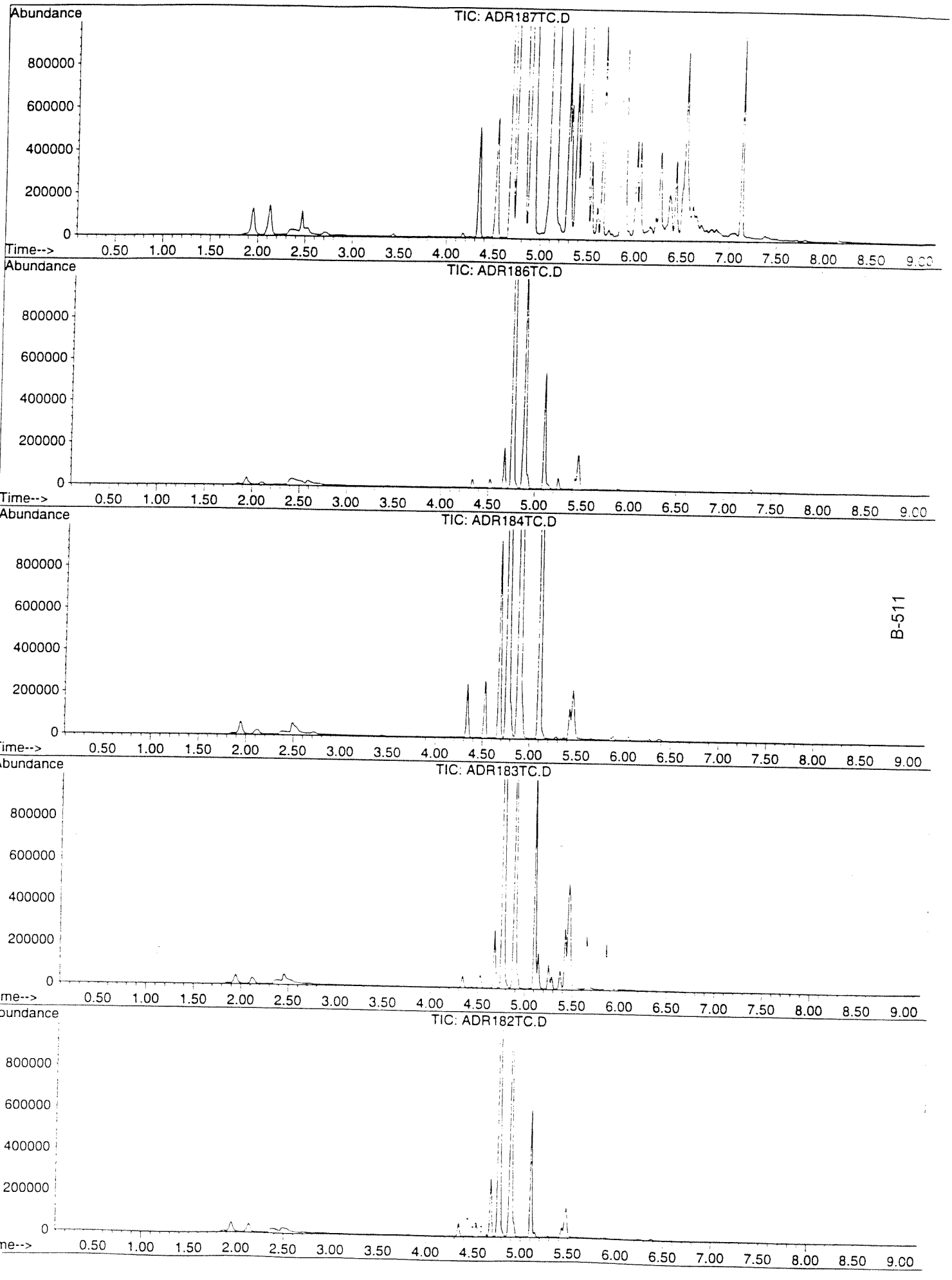

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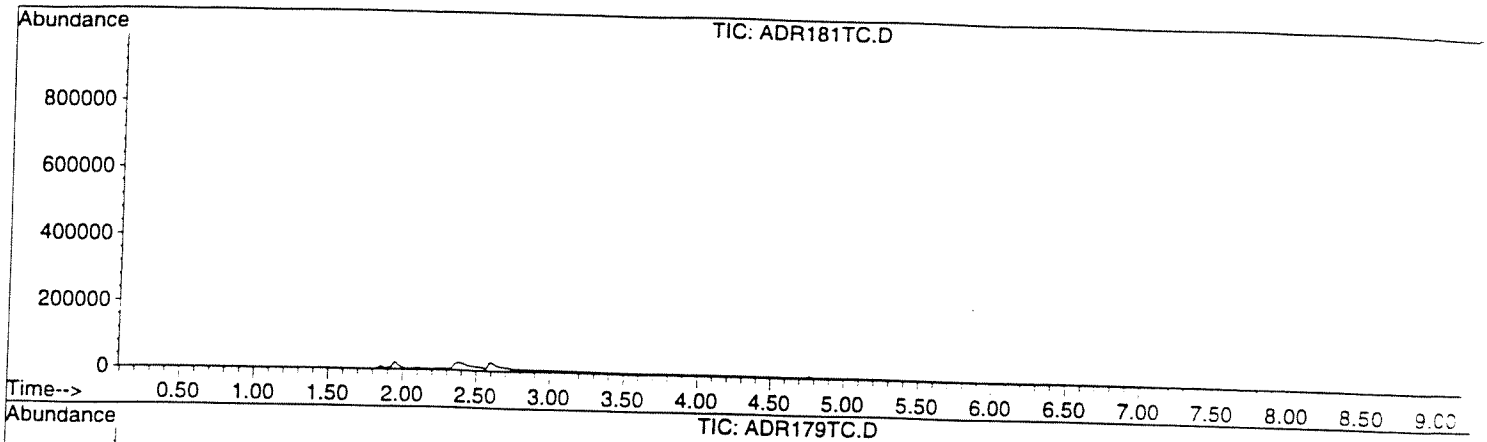

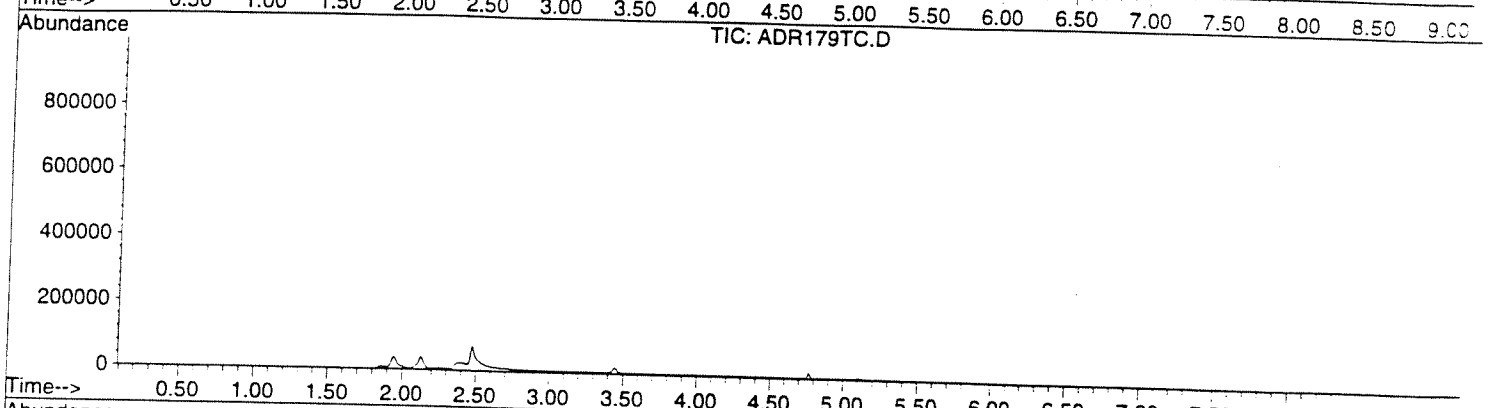

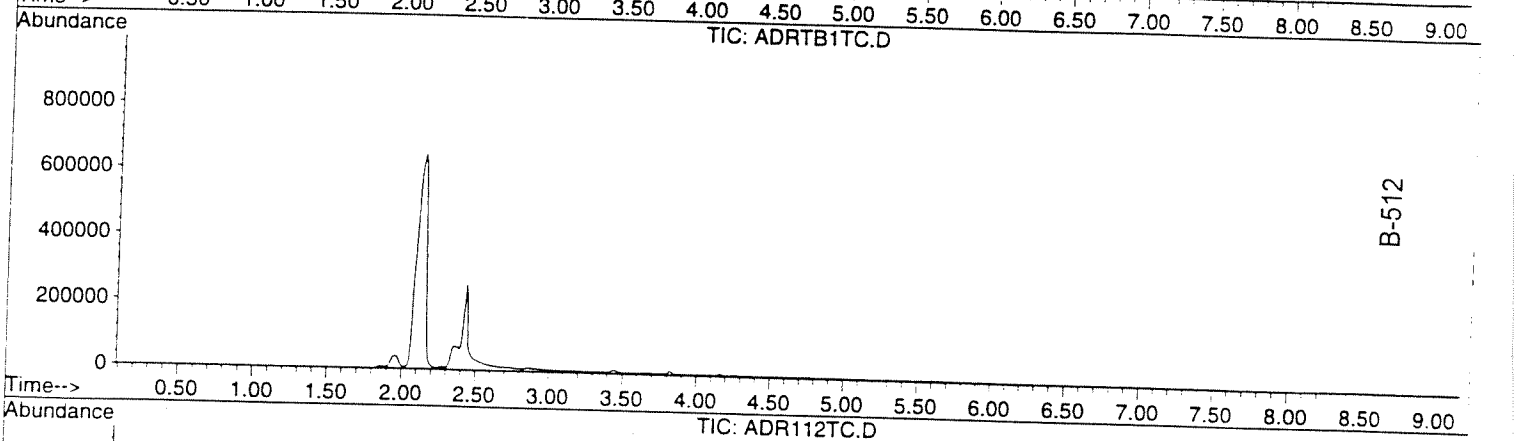

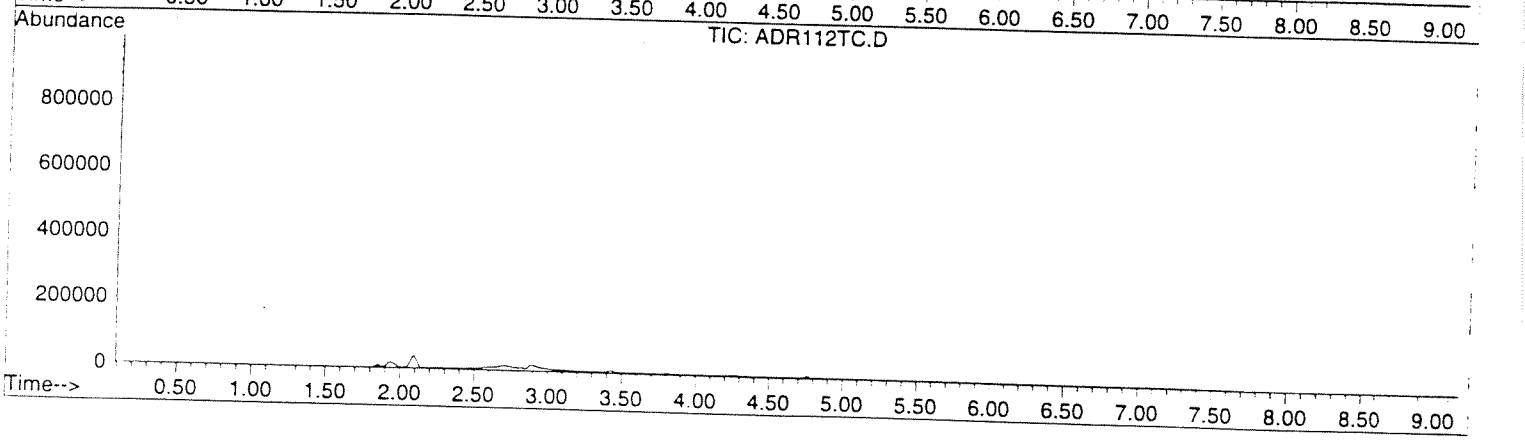

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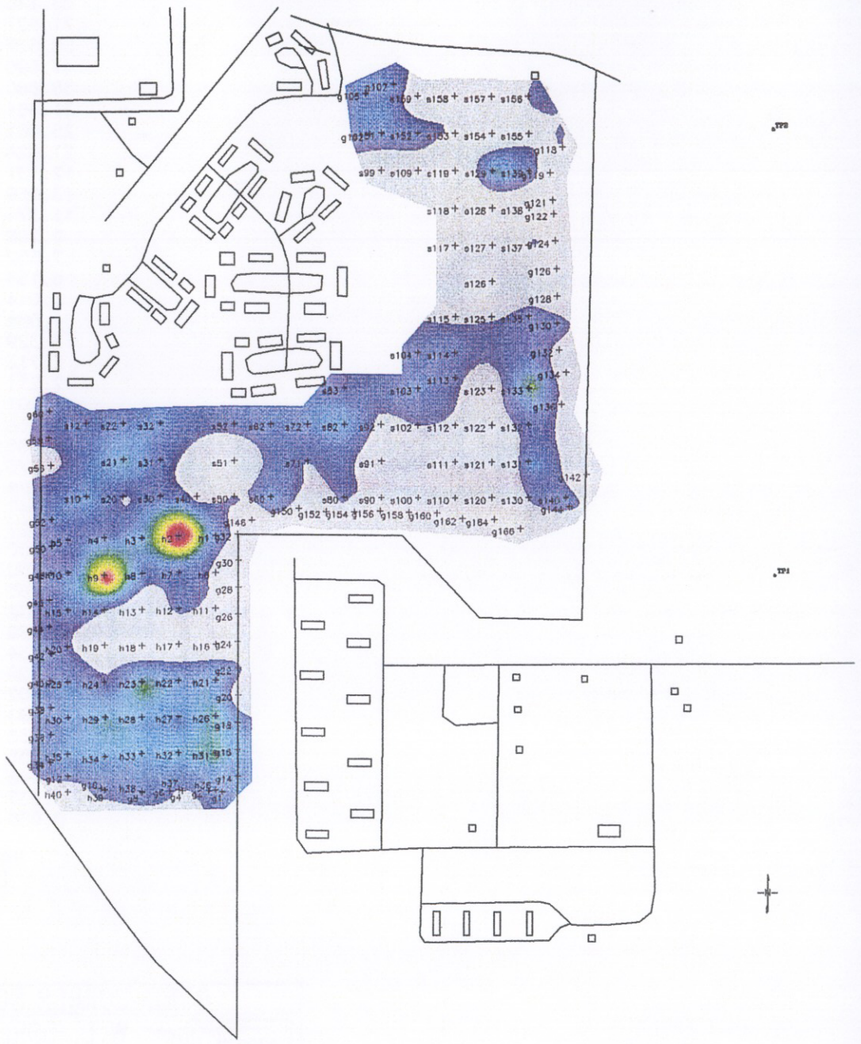

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8.467
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4.797
3.970
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0.598
0.494
0.409
0.339
0.280
0.232
0.192
0.159
0.131
0.109
0.090

Scale 1:10000

250 0 250

(meters)

NOTE: CONTOUR PLOT REPRESENTS MASS OF COMPOUND DESORBED FROM GORE-SORBER SCREENING MODULES, IDENTIFIED AND QUANTIFIED BY GAS CHROMATOGRAPH MASS SELECTIVE DETECTION.

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ELKTON, MD 21922-1100
(410) 392-3300

ORLANDO NAVAL TRAINING CENTER, ORLANDO, FL

BTEX

BROWN & ROOT, OAK RIDGE, TN

REV. #: 1

REV. DATE: Oct. 22, 1997

DATE DRAWN:	Sept. 16, 1997	GRID FILE:	BTO1.GRD
DRAWN BY:	RF	PLOT FILE:	BTC.PLT
DATE GRIDDED:	Sept. 16, 1997	PROJECT NUMBER:	073726
GRIDDED BY:	RF	SITE CODE:	ADR

B-513

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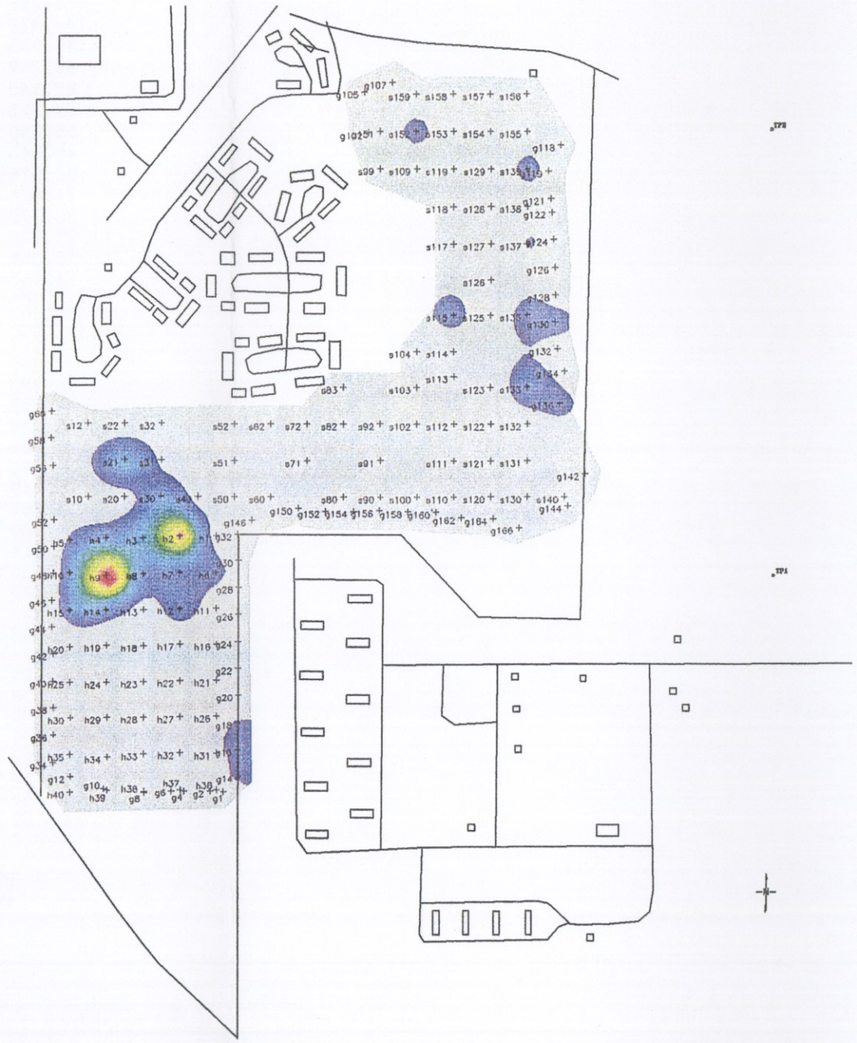

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7.552
6.154
5.014
4.086
3.329
2.713
2.211
1.801
1.468
1.196
0.975
0.794
0.647
0.527
0.430
0.350
0.285
0.232
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0.154
0.126
0.102
0.083
0.068
0.055
0.045
0.037
0.030

Scale 1:10000

250 0 250

(meters)

NOTE: CONTOUR PLOT REPRESENTS MASS OF COMPOUND DESORBED FROM GORE-SORBER SCREENING MODULES, IDENTIFIED AND QUANTIFIED BY GAS CHROMATOGRAPH MASS SELECTIVE DETECTION.

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(410) 392-3300

ORLANDO NAVAL TRAINING CENTER, ORLANDO, FL

BENZENE

BROWN & ROOT, OAK RIDGE, TN

REV. #: 1

REV. DATE: Oct. 22, 1997

DATE DRAWN:	Sept. 16, 1997	GRID FILE:	BZ01.GRD
DRAWN BY:	RF	PLOT FILE:	BZC.PLT
DATE GRIDDED:	Sept. 16, 1997	PROJECT NUMBER:	07J726
GRIDDED BY:	RF	SITE CODE:	ADR

B-514

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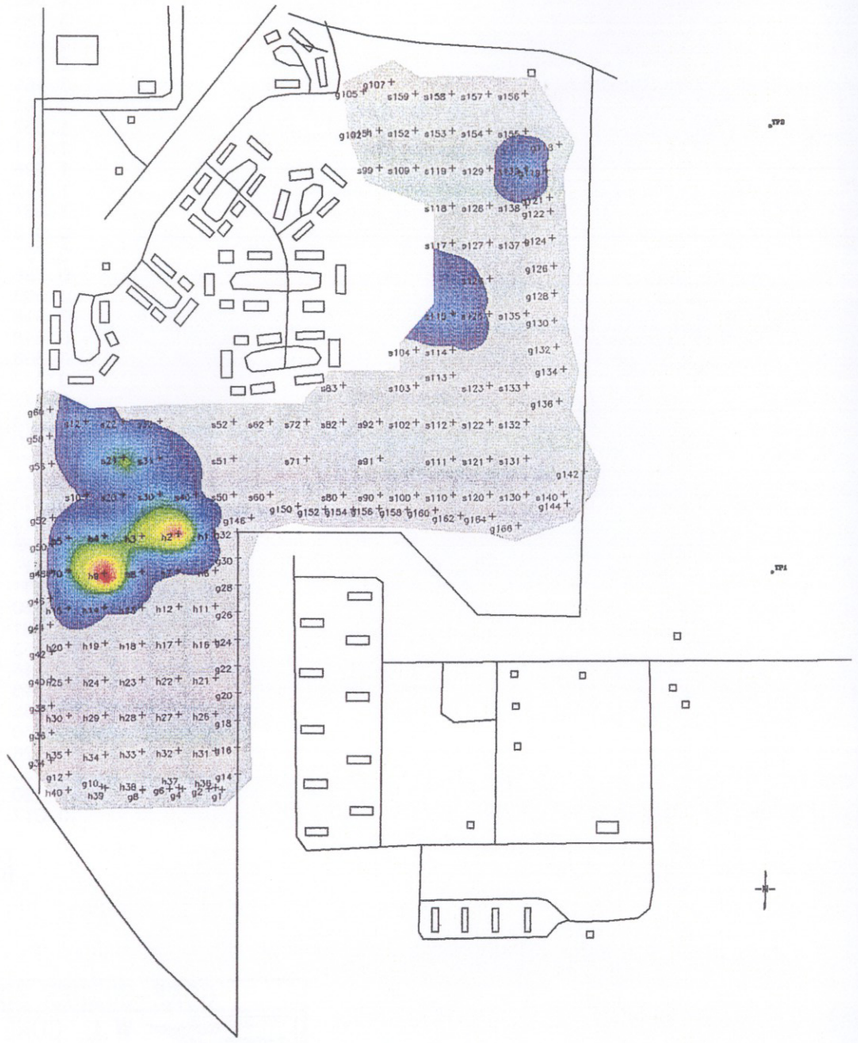

ClBenzene [ug]
148.057
116.988
92.439
73.042
57.715
45.604
36.034
28.473
22.498
17.777
14.047
11.099
8.770
6.930
5.476
4.327
3.419
2.701
2.134
1.687
1.333
1.053
0.832
0.657
0.519
0.410
0.324
0.256
0.203
0.160
0.126
0.100
0.079
0.062
0.049
0.039
0.031
0.024
0.019
0.015
0.012

Scale 1:10000

250 0 250

(meters)

NOTE: CONTOUR PLOT REPRESENTS MASS OF COMPOUND DESORBED FROM GORE-SORBER SCREENING MODULES, IDENTIFIED AND QUANTIFIED BY GAS CHROMATOGRAPH MASS SELECTIVE DETECTION.

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ORIG. CAD: golf.dxf

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ELKTON, MD 21922-1100
(410) 392-3300

ORLANDO NAVAL TRAINING CENTER, ORLANDO, FL

CHLOROBENZENE

BROWN & ROOT, OAK RIDGE, TN

REV. #: 1

REV. DATE: Oct. 22, 1997

DATE DRAWN:	Sept. 16, 1997	GRID FILE:	CB01.GRD
DRAWN BY:	RF	PLOT FILE:	CBC.PLT
DATE GRIDDED:	Sept. 16, 1997	PROJECT NUMBER:	073726
GRIDDED BY:	RF	SITE CODE:	ADR

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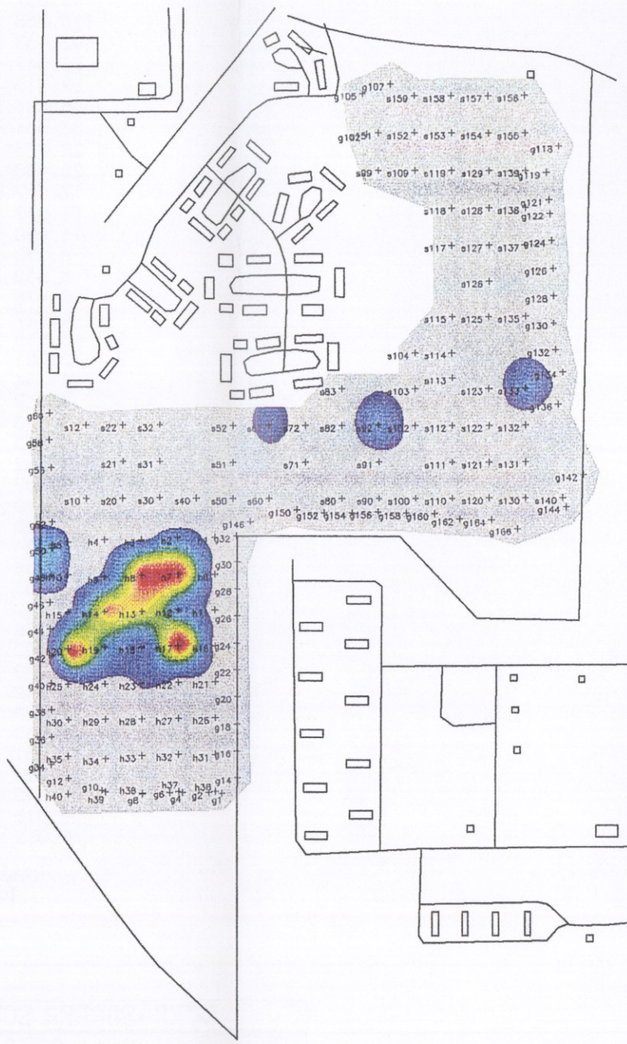

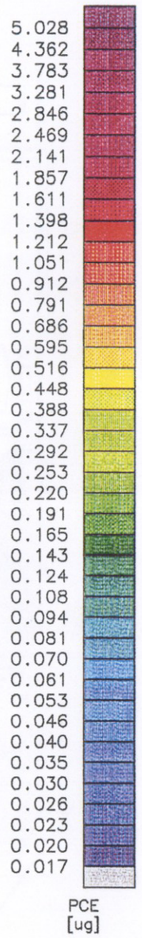

B-516

Scale 1:10000

250 0 250

(meters)

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BROWN & ROOT, OAK RIDGE, TN

REV. #:

REV. DATE:

DATE DRAWN:	Sept. 16, 1997	GRID FILE:	PC01.GRD
DRAWN BY:	RF	PLOT FILE:	PCC.PLT
DATE GRIDDED:	Sept. 16, 1997	PROJECT NUMBER:	073726
GRIDDED BY:	RF	SITE CODE:	ADR

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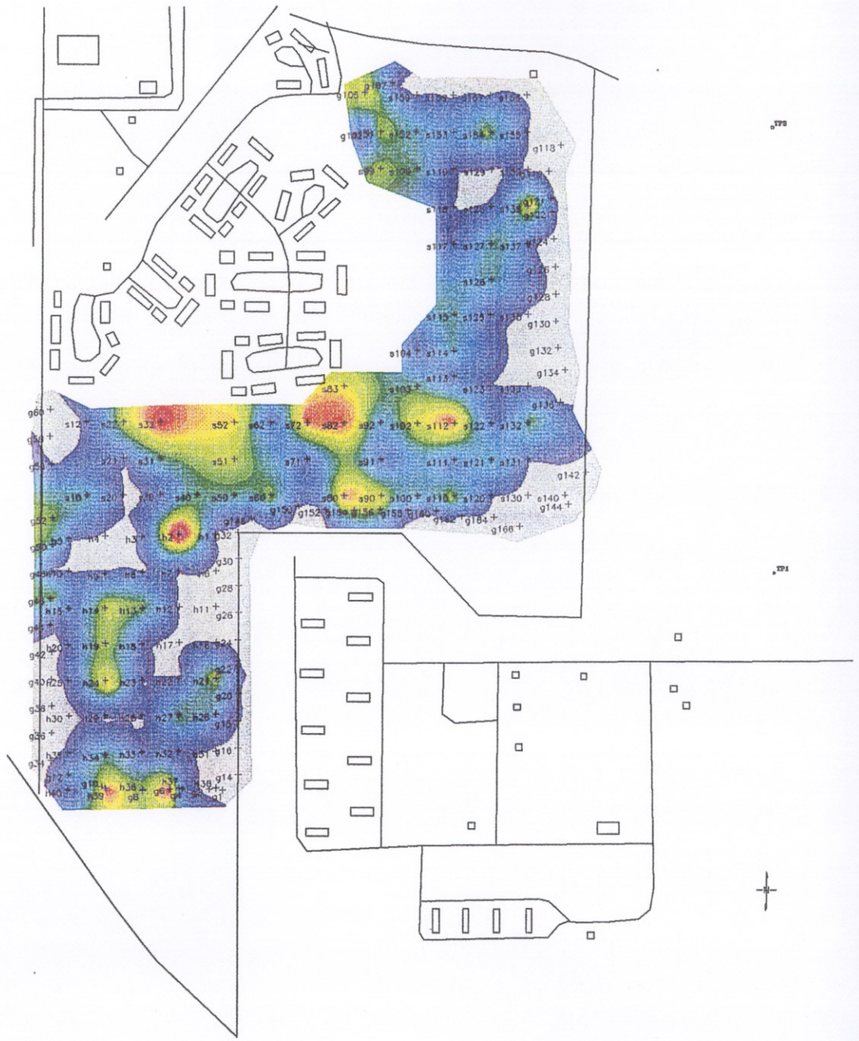

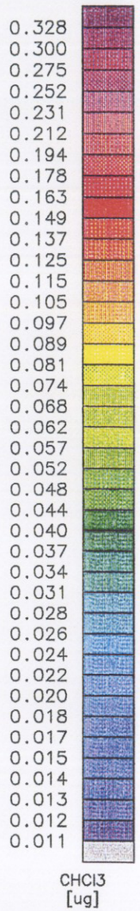

Scale 1:10000

250 0 250

(meters)

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ORLANDO NAVAL TRAINING CENTER, ORLANDO, FL

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BROWN & ROOT, OAK RIDGE, TN

REV. #: 1
REV. DATE: Oct. 22, 1997

DATE DRAWN:	Sept. 16, 1997	GRID FILE:	CF01.GRD
DRAWN BY:	RF	PLOT FILE:	CFC.PLT
DATE GRIDDED:	Sept. 16, 1997	PROJECT NUMBER:	073726
GRIDDED BY:	RF	SITE CODE:	ADR

B-517

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REPORT OF MAXIMUM DENSITY OF SOIL

CLIENT BROWN & ROOT ENVIRONMENTAL

PROJECT NTC - ORLANDO, ORDER No. 11044.1

ADDRESS ORLANDO, FL REPORT No. 8

LAB No. 98171

LOCATION NTS GTS~~0200~~ 2000 mgc 12/15/98 DATE 7-28-97

TYPE OF TEST ASTM D-698 SAMPLED BY CONTRACTOR

Visual Description of Material: BROWN QUARTZ FINE SAND, TRACE OF SILT, TRACE OF ROOTS

Trial Number	Per Cent of Moisture	Dry Density, Pounds Per Cubic Foot
1	11.5	107.1
2	13.3	107.5
3	15.6	106.4
4		

Weight of Mold: 4.40 lbs.

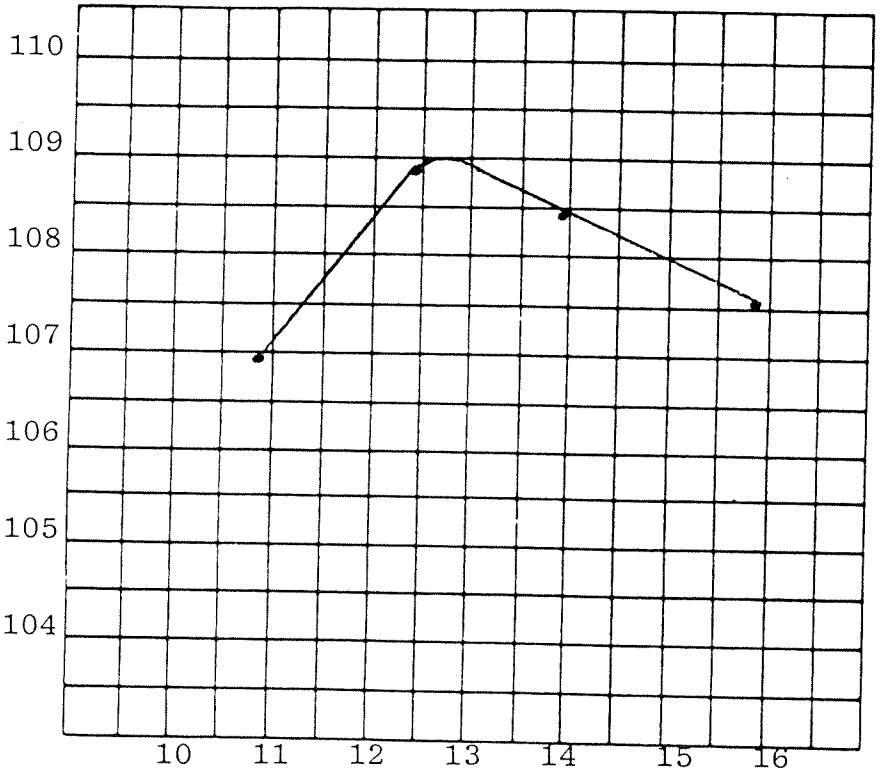
Volume of Mold: 1/30 cu. ft.

Max Dry Density PCF: 107.4

Optimum Moisture %: 13.0

Technician: B. SIVILLI

Remarks:



NUTTING ENGINEERS
OF FLORIDA INC.

By _____ P.E.
JAMES J. FLAIG, #21087

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REPORT OF MAXIMUM DENSITY OF SOIL

CLIENT BROWN & ROOT ENVIRONMENTAL
PROJECT NTC - ORLANDO, ORDER No. 11044.1
ADDRESS ORLANDO, FL REPORT No. 9
LAB No. 98171
LOCATION NTC GTS~~0200~~ 2000 mgc 12/15/98 DATE 7-28-97
TYPE OF TEST ASTM D-698 SAMPLED BY CONTRACTOR
Visual Description of Material: BROWN QUARTZ FINE SAND, TRACE OF SILT, TRACE OF ROOTS

Trial Number	Per Cent of Moisture	Dry Density, Pounds Per Cubic Foot
1	11.5	107.1
2	13.3	107.5
3	15.6	106.4
4		

Weight of Mold: 4.40 lbs.

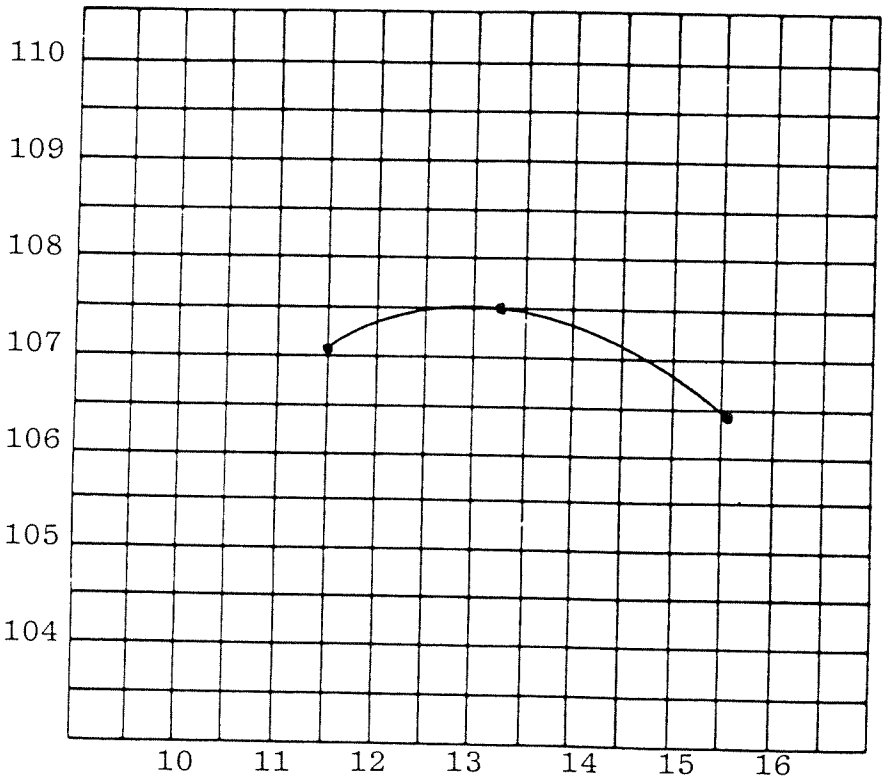
Volume of Mold: 1/30 cu. ft.

Max Dry Density PCF: 107.4

Optimum Moisture %: 13.0

Technician: B. SIVILLI

Remarks:



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By _____ P.E.
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Geotechnical & Construction Materials
Hydrogeology & Monitoring Wells
Engineering • Inspection • Testing

Client: Brown & Root Environmental

Project: NTC – Orlando

Location: Orlando, Florida

Sample Number: NTCGTS~~0200~~ 2000 mgc 12/15/98

Description of Soil: Brown Quartz Fine Sand, Trace Silt

ASTM 0-422
Particle Size Analysis of Soil
Hydrometer 152-H, Dispensing Agent NaPo3 4% in 125ml

Sieve Size	Sieve Analysis Passing %
No. 4	100
No. 10	100
No. 40	93.0
No. 200	9.9

Hydrometer Analysis

Sieve Size	% Finer
0.0510mm	8.1
0.0362mm	7.1
0.0210mm	6.1
0.0093mm	4.0
0.0029mm	2.0

12/15/98
James J. Craig P.E. #21083

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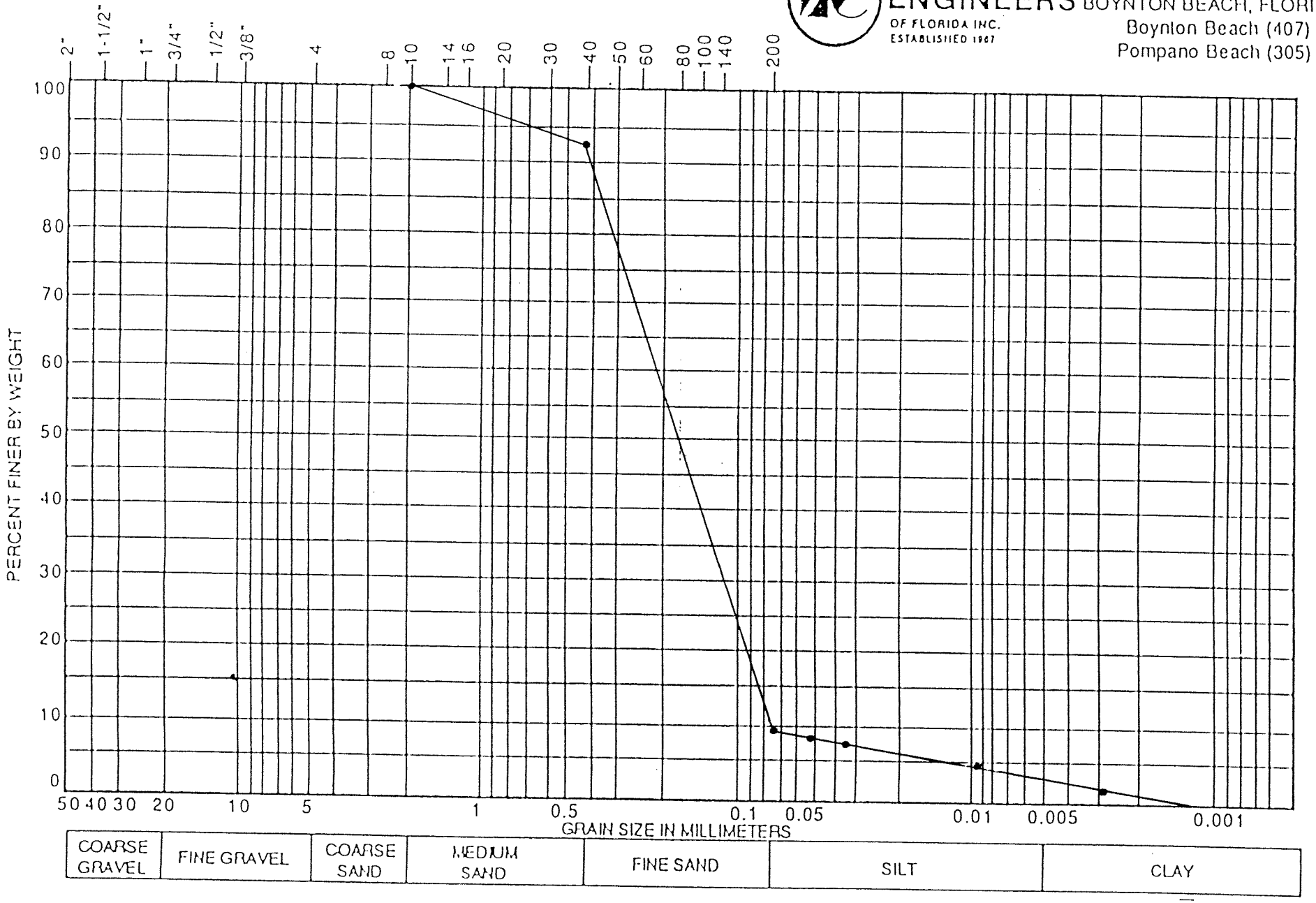

UNIFIED SOIL CLASSIFICATION

C-5

PROJECT NTC - ORLANDO BORING NO. OR LOCATION NTCGTS~~0200~~ 2000 mjc 13/14/98

DEPTH N/A MATERIAL DESCRIPTION

NUTTING ENGINEERS
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ESTABLISHED 1967

Geotechnical & Construction Materials
Hydrogeology & Monitoring Wells
Engineering • Inspection • Testing

Client: Brown & Root Environmental

Project: NTC-Orlando

ASTM D-5084
Standard Test Method for Measurement of Hydraulic Conductivity of Saturated Porous Materials Using Flexible Wall Permeameter

Sample Number: NTCGTS2000A

Description of Soil: Brown Quartz Fine Sand

Coefficient of Permeability, K_{20} (cm/s): 2.3×10^{-3}
(saturated specimen)

Coefficient of Permeability (m/s): **2.3×10^{-5}**

Notes:

5/97

James J. Haig, P.E. #21083

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Client: Brown & Root Environmental

Project: NTC-Orlando

ASTM D-2937
Standard Test Method for Density of Soil in Place by the Drive-Cylinder Method

Sample Number:	NTCGTS2000A
Description of Soil:	Brown Quartz Fine Sand
Wet Density (g/cm^3):	1.62
Dry Density (g/cm^3):	1.49
Dry Density (lb/ft^3):	**92.9**
Water Content (%):	8.9

Notes:

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Client: Brown & Root Environmental

Project: NTC-Orlando

ASTM D-5084
Standard Test Method for Measurement of Hydraulic Conductivity of Saturated Porous Materials Using Flexible Wall Permeameter

Sample Number: NTCGTS2000B

Description of Soil: Brown Quartz Fine Sand

Coefficient of Permeability, K_{20} (cm/s): 1.4×10^{-3}
(saturated specimen)

Coefficient of Permeability (m/s): **1.4×10^{-5}**

Notes:

8/8/97
James J. Flaig, P.E. #21083

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Client: Brown & Root Environmental

Project: NTC-Orlando

ASTM D-2937
Standard Test Method for Density of Soil in Place by the Drive-Cylinder Method

Sample Number:	NTCGTS2000B
Description of Soil:	Brown Quartz Fine Sand
Wet Density (g/cm^3):	1.82
Dry Density (g/cm^3):	1.66
Dry Density (lb/ft^3):	**103.7**
Water Content (%):	9.6

Notes:

James J. Haig, P.E. #21083

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REPORT OF MAXIMUM DENSITY OF SOIL

CLIENT BROWN & ROOT ENVIRONMENTAL

PROJECT NTC - ORLANDO — ORDER No. 1044.1

ADDRESS ORLANDO, FL — REPORT No. 12

LAB No. 98171

LOCATION NTC GTS3200 — DATE 7-28-97

TYPE OF TEST ASTM D-698 — SAMPLED BY CONTRACTOR

Visual Description of Material: LT. GRAY TO BROWN QUARTZ FINE SAND, TRACE OF SILT

Trial Number	Per Cent of Moisture	Dry Density, Pounds Per Cubic Foot
1	9.7	102.6
2	11.6	103.2
3	13.7	100.8
4		

Weight of Mold: 4.40 lbs.

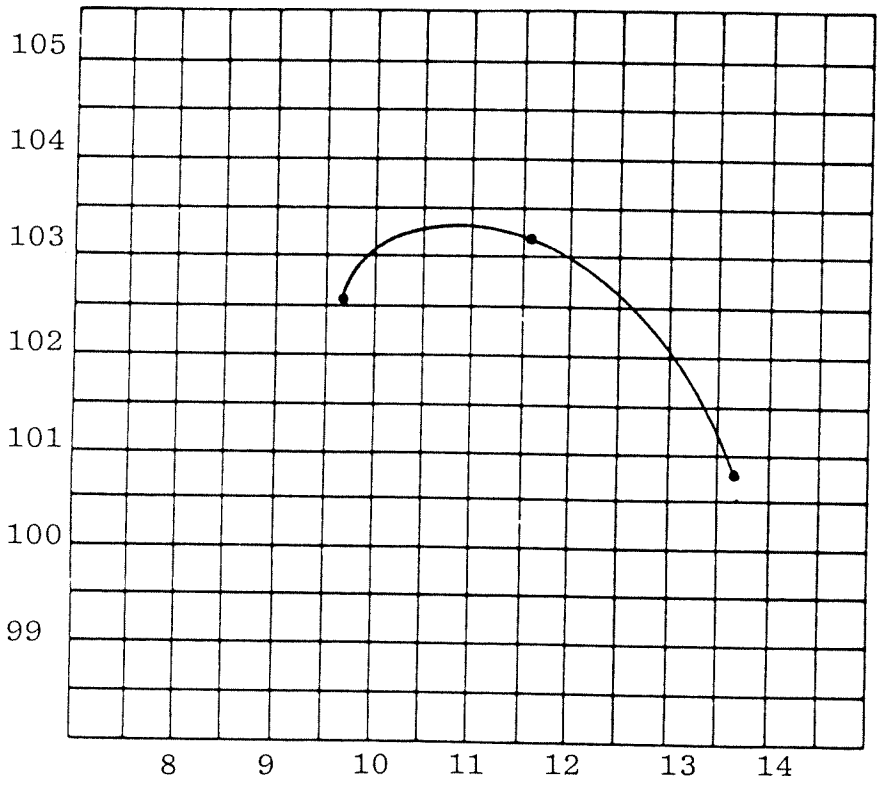
Volume of Mold: 1/30 cu. ft.

Max Dry Density PCF: 103.3

Optimum Moisture %: 10.9

Technician: B. SIVILLI

Remarks:



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By 8/15/97 P.E.
JAMES J. FLAIG, #21083

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Geotechnical & Construction Materials
Hydrogeology & Monitoring Wells
Engineering • Inspection • Testing

Client: Brown & Root Environmental

Project: NTC – Orlando

Location: Orlando, Florida

Sample Number: NTCGTS3200

Description of Soil: Light Brown Quartz Fine Sand, Trace Silt

ASTM 0-422
Particle Size Analysis of Soil
Hydrometer 152-H, Dispensing Agent NaPo3 4% in 125ml

Sieve Size	Sieve Analysis Passing %
No. 4	100
No. 10	100
No. 40	92.8
No. 200	10.2

Hydrometer Analysis

Sieve Size	% Finer
0.0499mm	10.1
0.0252mm	9.1
0.0179mm	8.1
0.0066mm	7.1
0.0038mm	6.1

James [illegible] Flaig P.E. #21083

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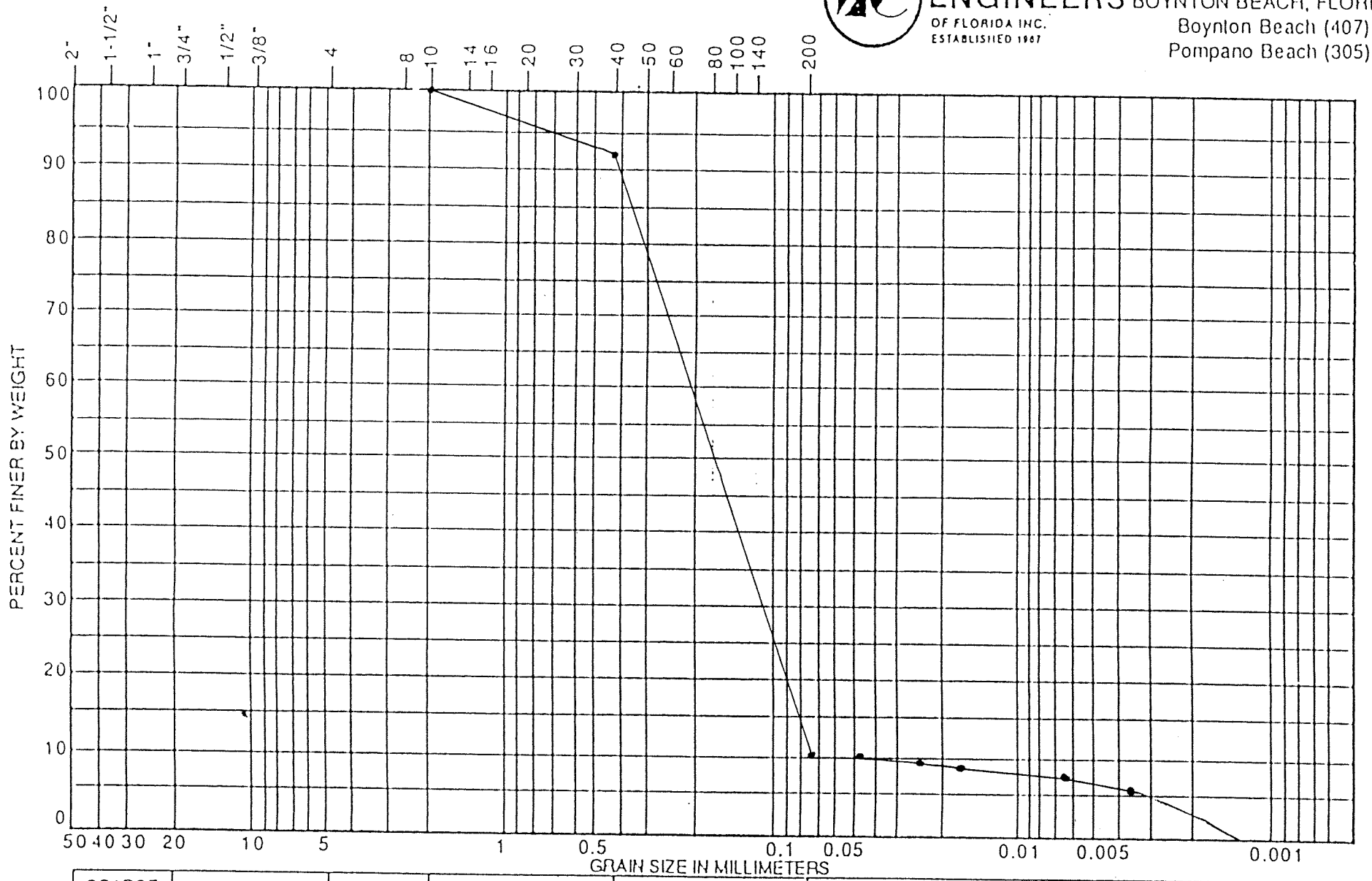
Pompano Beach (305) 941-8700



UNIFIED SOIL CLASSIFICATION

PROJECT NTC - ORLANDO BORING NO. OR LOCATION NTCGTS3200

DEPTH N/A MATERIAL DESCRIPTION

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Geotechnical & Construction Materials
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Client: Brown & Root Environmental

Project: NTC-Orlando

ASTM D-5084
Standard Test Method for Measurement of Hydraulic Conductivity of Saturated Porous Materials Using Flexible Wall Permeameter

Sample Number: NTCGTS3200A

Description of Soil: Brown Quartz Fine Sand

Coefficient of Permeability, K_{20} (cm/s): 3.1×10^{-4}
(saturated specimen)

Coefficient of Permeability (m/s): **3.1×10^{-6}**

Notes:

James J. Haig, P.E. #21083

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Client: Brown & Root Environmental

Project: NTC-Orlando

ASTM D-2937
Standard Test Method for Density of Soil in Place by the Drive-Cylinder Method

Sample Number:	NTCGTS3200A
Description of Soil:	Brown Quartz Fine Sand
Wet Density (g/cm^3):	1.83
Dry Density (g/cm^3):	1.71
Dry Density (lb/ft^3):	**106.5**
Water Content (%):	7.3

Notes:

James J. Flaig, P.E. #21083

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Client: Brown & Root Environmental

Project: NTC-Orlando

ASTM D-5084
Standard Test Method for Measurement of Hydraulic Conductivity of Saturated Porous Materials Using Flexible Wall Permeameter

Sample Number: NTCGTS3200B

Description of Soil: Brown Quartz Fine Sand

Coefficient of Permeability, K_{20} (cm/s): (saturated specimen) 1.1×10^{-3}

Coefficient of Permeability (m/s): **1.1×10^{-5}**

Notes:

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Client: Brown & Root Environmental

Project: NTC-Orlando

ASTM D-2937
Standard Test Method for Density of Soil in Place by the Drive-Cylinder Method

Sample Number:	NTCGTS3200B
Description of Soil:	Brown Quartz Fine Sand
Wet Density (g/cm^3):	1.94
Dry Density (g/cm^3):	1.76
Dry Density (lb/ft^3):	**109.9**
Water Content (%):	10.2

Notes:

James V. Plaig, P.E. #21083

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REPORT OF MAXIMUM DENSITY OF SOIL

CLIENT BROWN & ROOT ENVIRONMENTAL

PROJECT NTC-ORLANDO — ORDER No. 11044.1

ADDRESS ORLANDO, FL — REPORT No. 27

LAB No. 98171

LOCATION NTC GTS5000 — DATE 7/27/97

TYPE OF TEST ASTM D-698 — SAMPLED BY CONTRACTOR

Visual Description of Material: BROWN QUARTZ FINE SAND, TRACE SILT

Trial Number	Per Cent of Moisture	Dry Density, Pounds Per Cubic Foot
1	7.7	113.1
2	9.9	115.2
3	11.8	111.4
4		

Weight of Mold: 4.40 lbs.

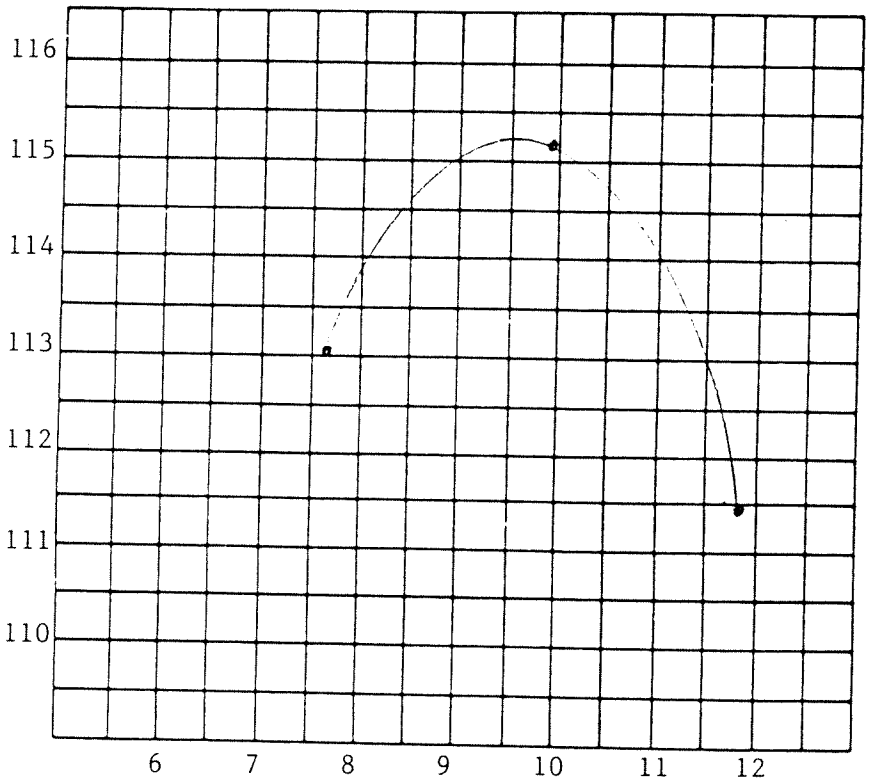
Volume of Mold: 1/30 cu. ft.

Max Dry Density PCF: 115.3

Optimum Moisture %: 9.5

Technician: B. SIVILLI

Remarks:



NUTTING ENGINEERS
OF FLORIDA INC.

By _____ P.E.
JAMES J. FLAIG, #21083

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Geotechnical & Construction Materials
Hydrogeology & Monitoring Wells
Engineering • Inspection • Testing

Client: Brown & Root Environmental

Project: NTC – Orlando

Location: Orlando, Florida

Sample Number: NTCGTS5000

Description of Soil: Brown Quartz Fine Sand, Trace Silt

ASTM 0-422
Particle Size Analysis of Soil
Hydrometer 152-H, Dispensing Agent NaPo3 4% in 125ml

Sieve Size	Sieve Analysis Passing %
No. 4	100
No. 10	100
No. 40	91.4
No. 200	9.9

Hydrometer Analysis

Sieve Size	% Finer
0.0487mm	9.5
0.0090mm	8.7
0.0037mm	7.6

James J. Craig P.E. #21083

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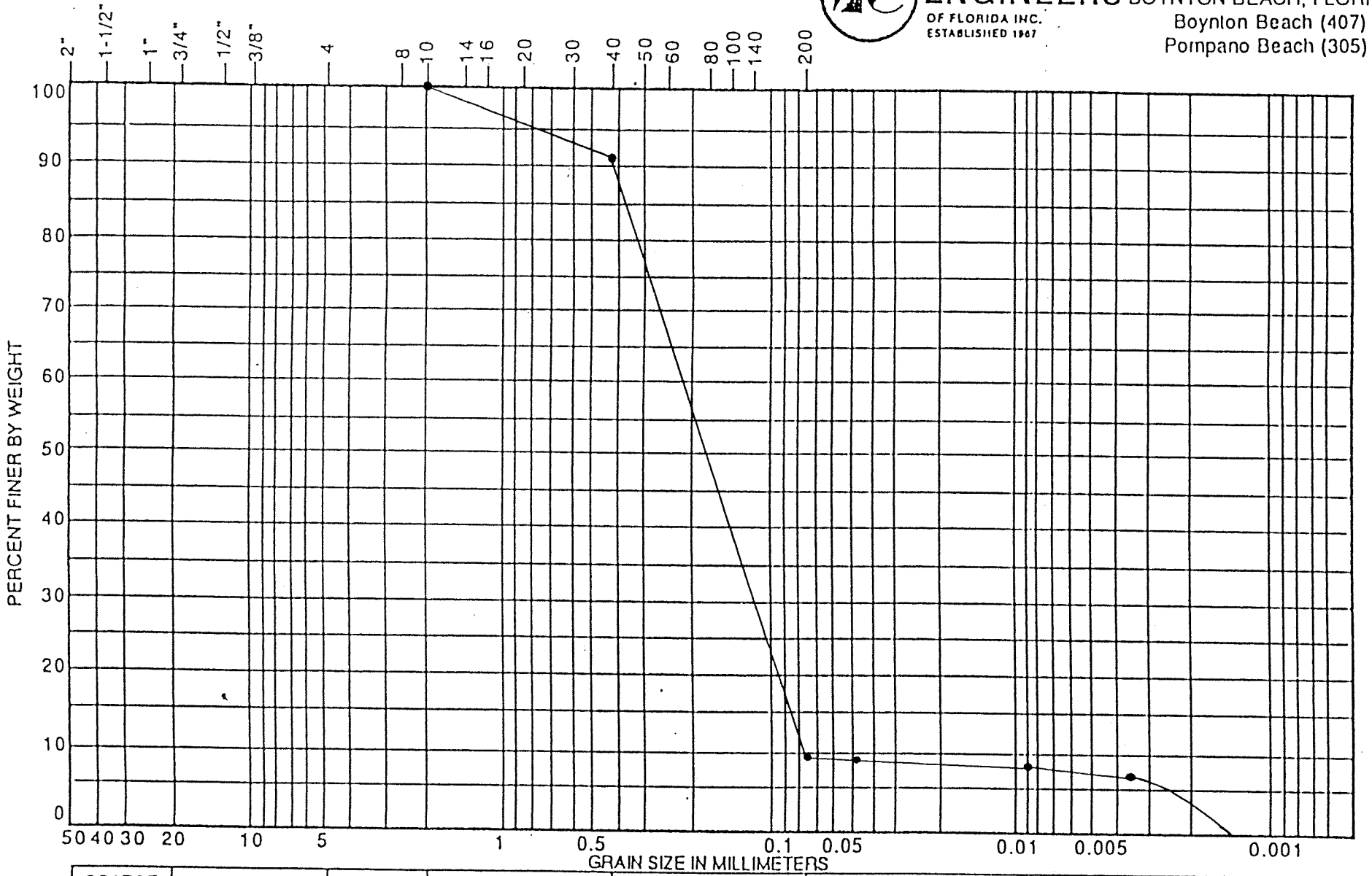

UNIFIED SOIL CLASSIFICATION

PROJECT NTC - ORLANDO BORING NO. OR LOCATION NTCGTS5000

DEPTH N/A MATERIAL DESCRIPTION

NUTTING ENGINEERS
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ESTABLISHED 1967

Geotechnical & Construction Materials
Hydrogeology & Monitoring Wells
Engineering • Inspection • Testing

Client: Brown & Root Environmental

Project: NTC-Orlando

ASTM D-5084
Standard Test Method for Measurement of Hydraulic Conductivity of Saturated Porous Materials Using Flexible Wall Permeameter

Sample Number: NTCGTS5000A

Description of Soil: Brown Quartz Fine Sand

Coefficient of Permeability, K_{20} (cm/s): 3.3×10^{-4}
(saturated specimen)

Coefficient of Permeability (m/s): **3.3×10^{-6}**

Notes: Chunks of wood found in sample after test was completed

8/6/97
James J. Flaig, P.E. #21083

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Geotechnical & Construction Materials
Hydrogeology & Monitoring Wells
Engineering • Inspection • Testing

Client: Brown & Root Environmental

Project: NTC-Orlando

ASTM D-2937
Standard Test Method for Density of Soil in Place by the Drive-Cylinder Method

Sample Number:	NTCGTS5000A
Description of Soil:	Brown Quartz Fine Sand
Wet Density (g/cm^3):	1.91
Dry Density (g/cm^3):	1.73
Dry Density (lb/ft^3):	**108.1**
Water Content (%):	10.3
Notes:	Chunks of wood found in tube after test performed May have bearing on test results

James J. Fling, P.E. #21083

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Client: Brown & Root Environmental

Project: NTC-Orlando

ASTM D-5084
Standard Test Method for Measurement of Hydraulic Conductivity of Saturated Porous Materials Using Flexible Wall Permeameter

Sample Number: NTCGTS5000B

Description of Soil: Brown Quartz Fine Sand

Coefficient of Permeability, K_{20} (cm/s): 7.6×10^{-5}
(saturated specimen)

Coefficient of Permeability (m/s): **7.6×10^{-7}**

Notes: Piece of wood found lodged in sample after completion of test

8/15/97
James J. Flaig, P.E. #21083

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Client: Brown & Root Environmental

Project: NTC-Orlando

ASTM D-2937
Standard Test Method for Density of Soil in Place by the Drive-Cylinder Method

Sample Number:	NTCGTS5000B
Description of Soil:	Brown Quartz Fine Sand
Wet Density (g/cm^3):	1.78
Dry Density (g/cm^3):	1.61
Dry Density (lb/ft^3):	**100.2**
Water Content (%):	10.9
Notes:	Chunks of wood found in tube after test performed May have bearing on test results

10/5/97

James A. Haig, P.E. #21083

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REPORT OF MAXIMUM DENSITY OF SOIL

CLIENT BROWN & ROOT ENVIRONMENTAL
PROJECT NTC-ORLANDO — ORDER No. 11044.1
ADDRESS ORLANDO, FL — REPORT No. 28
LAB No. 98171
LOCATION NTC GTS5200 — DATE 8/4/97
TYPE OF TEST ASTM D-698 — SAMPLED BY CONTRACTOR
Visual Description of Material: LT. BROWN QUARTZ FINE SAND, TRACE SILT

Trial Number	Per Cent of Moisture	Dry Density, Pounds Per Cubic Foot
1	8.3	107.2
2	10.2	109.4
3	12.4	108.4
4	14.3	105.8

Weight of Mold: 4.40 lbs.

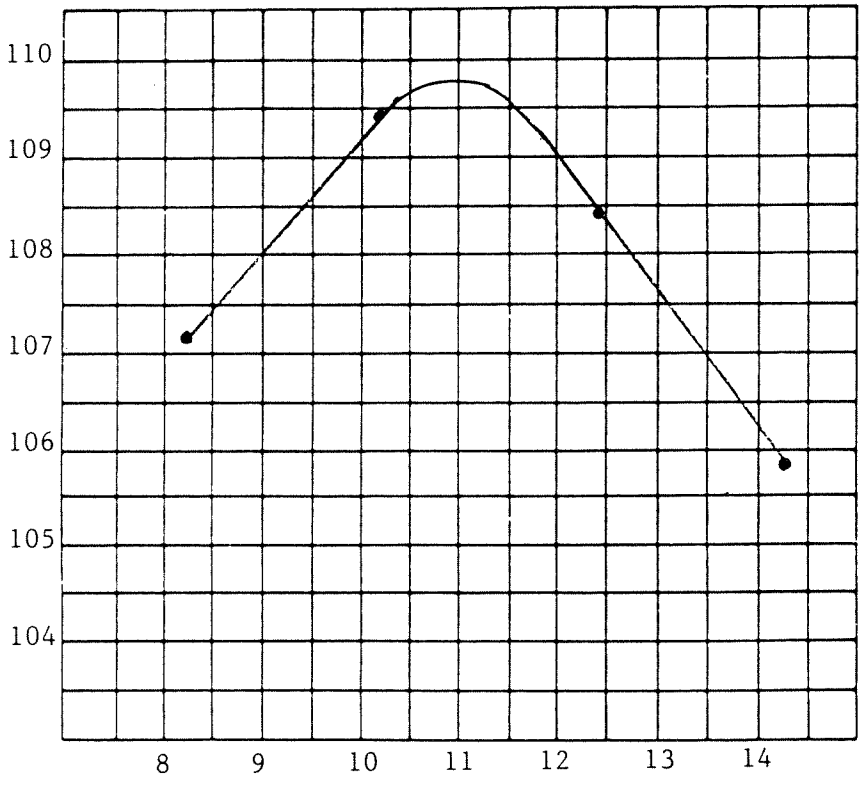
Volume of Mold: 1/30 cu. ft.

Max Dry Density PCF: 109.8

Optimum Moisture %: 11.0

Technician: B. SIVILLI

Remarks:



NUTTING ENGINEERS
OF FLORIDA INC.

By _____ P.E.
JAMES J. FLAIG, #21083

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ESTABLISHED 1967

Geotechnical & Construction Materials
Hydrogeology & Monitoring Wells
Engineering • Inspection • Testing

Client: Brown & Root Environmental

Project: NTC – Orlando

Location: Orlando, Florida

Sample Number: NTCGTS5200

Description of Soil: Brown Quartz Fine Sand, Trace Silt

ASTM 0-422
Particle Size Analysis of Soil
Hydrometer 152-H, Dispensing Agent NaPo3 4% in 125ml

Sieve Size	Sieve Analysis Passing %
No. 4	100
No. 10	100
No. 40	95.8
No. 200	3.9

Hydrometer Analysis

Sieve Size	% Finer
0.0506mm	3.3
0.0254mm	2.2
0.0114mm	1.7
0.0066mm	0.6

8/15/97
James F. Plaig P.E. #21083

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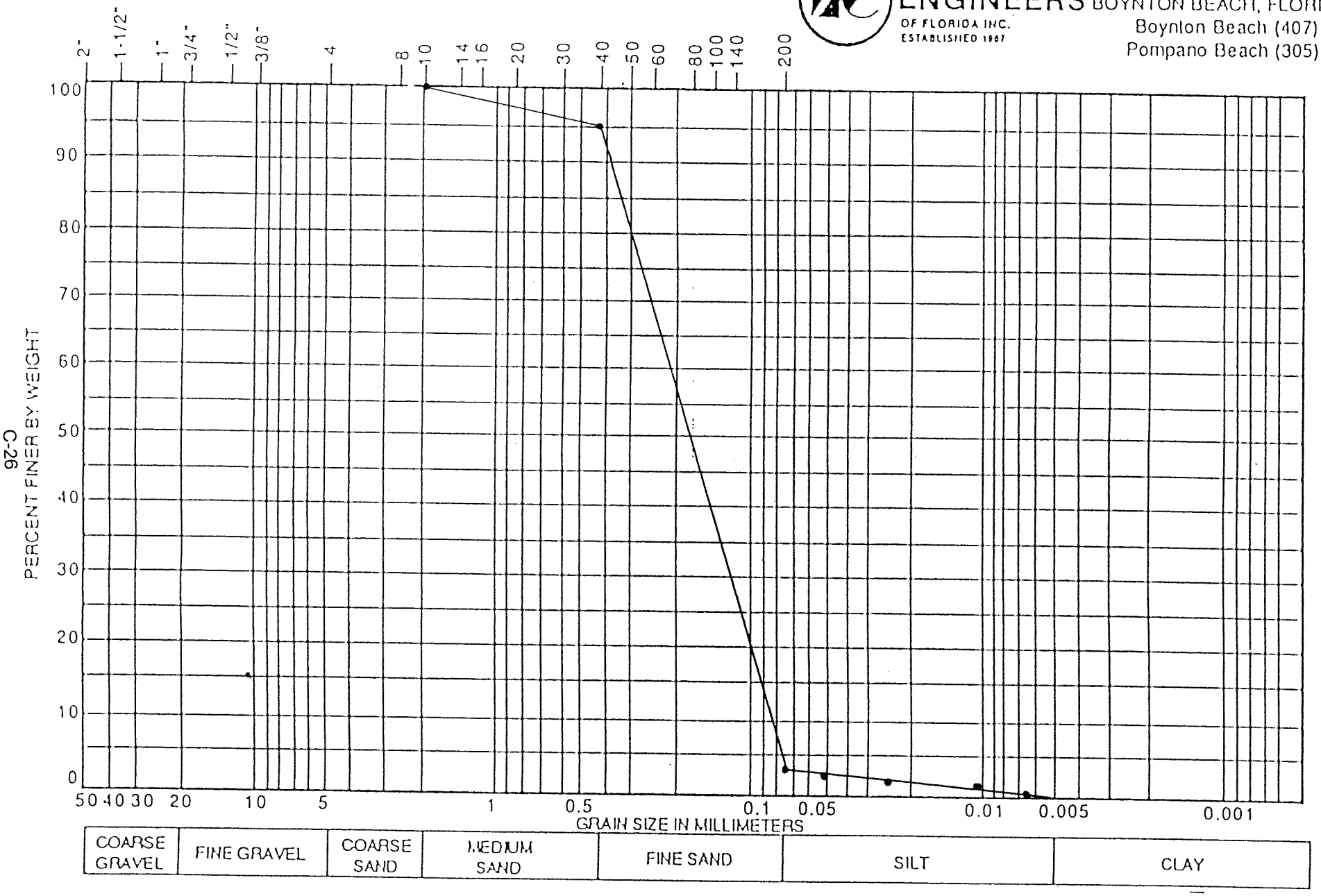

UNIFIED SOIL CLASSIFICATION

C-26

PROJECT NTC - ORLANDO BORING NO. OR LOCATION NTCGTS5200

DEPTH N/A MATERIAL DESCRIPTION

NUTTING ENGINEERS
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ESTABLISHED 1967

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REPORT OF MAXIMUM DENSITY OF SOIL

CLIENT BROWN & ROOT ENVIRONMENTAL
PROJECT NTC-ORLANDO — ORDER No. 11044.1
ADDRESS ORLANDO, FL — REPORT No. 29
LAB No. 98171
LOCATION NTC GTS7200 — DATE 8/2/97
TYPE OF TEST ASTM D-698 — SAMPLED BY CONTRACTOR
Visual Description of Material: BROWN QUARTZ FINE SAND, TRACE SILT

Trial Number	Per Cent of Moisture	Dry Density, Pounds Per Cubic Foot
1	6.8	106.4
2	8.5	108.4
3	10.6	108.8
4	12.5	106.1

Weight of Mold: 4.40 lbs.

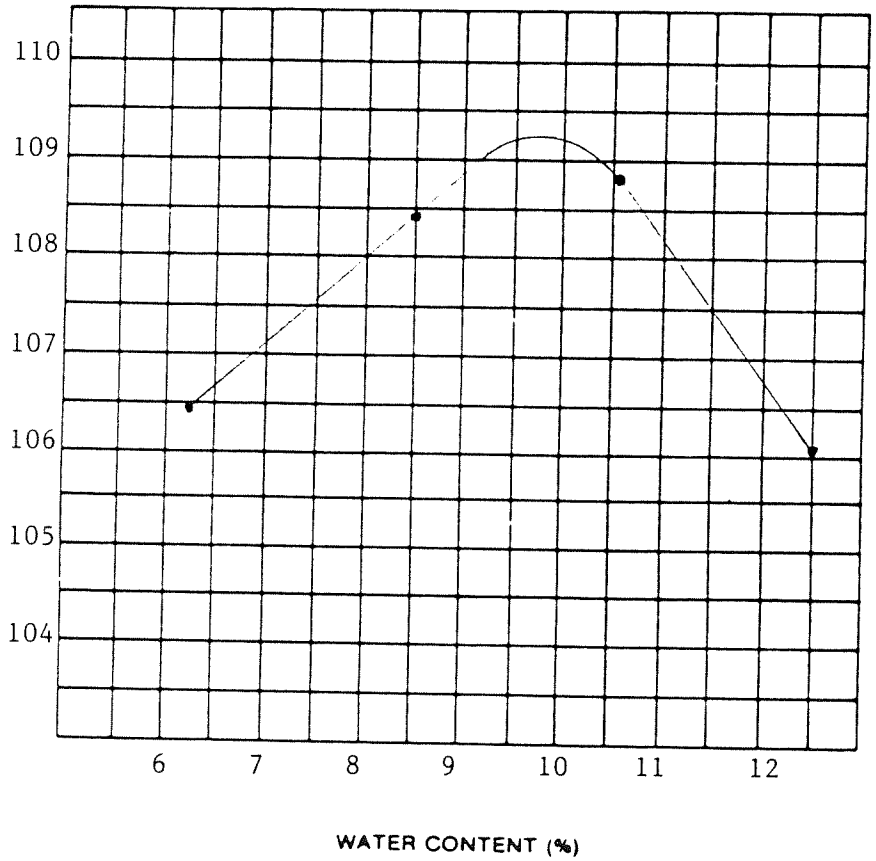
Volume of Mold: 1/30 cu. ft.

Max Dry Density PCF: 109.3

Optimum Moisture %: 9.8

Technician: B. SIVILLI

Remarks:



NUTTING ENGINEERS
OF FLORIDA INC.

By _____ P.E.
JAMES J. FLIAG, #21083

NUTTING ENGINEERS
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ESTABLISHED 1967

Geotechnical & Construction Materials
Hydrogeology & Monitoring Wells
Engineering • Inspection • Testing

Client: Brown & Root Environmental

Project: NTC – Orlando

Location: Orlando, Florida

Sample Number: NTCGTS7200

Description of Soil: Light Brown quartz fine sand , trace silt

ASTM 0-422
Particle Size Analysis of Soil
Hydrometer 152-H, Dispensing Agent NaPo3 4% in 125ml

Sieve Size	Sieve Analysis Passing %
No. 4	100
No. 10	100
No. 40	94.6
No. 200	5.4

Hydrometer Analysis

Sieve Size	% Finer
0.0499mm	5.1
0.0251mm	4.1
0.0131mm	3.1
0.0093mm	2.0
0.0047mm	1.0

James J. Flaig P.E. #21083

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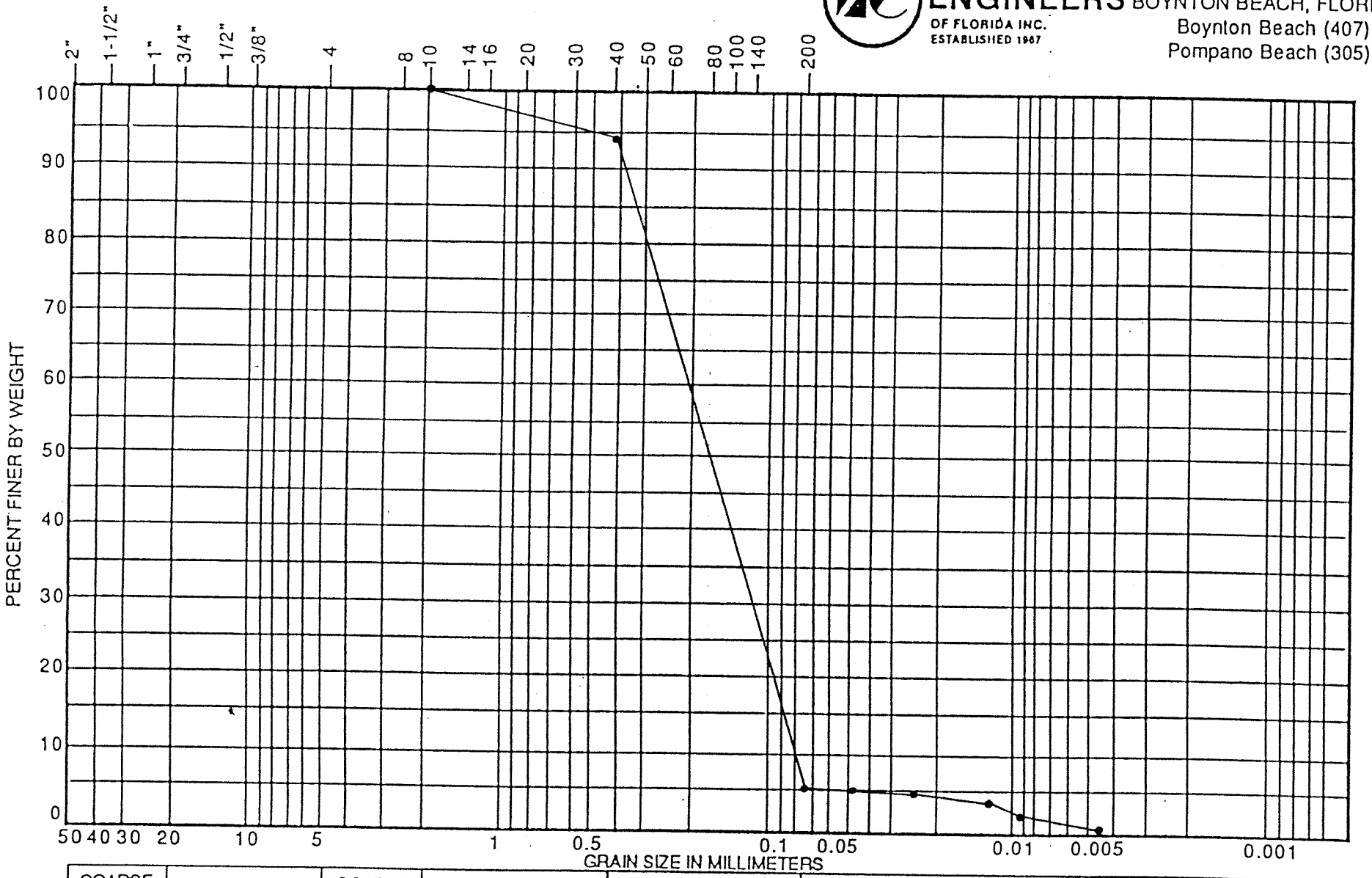

UNIFIED SOIL CLASSIFICATION

PROJECT NTC - ORLANDO BORING NO. OR LOCATION NTCGTS7200

DEPTH N/A MATERIAL DESCRIPTION

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ESTABLISHED 1967

Geotechnical & Construction Materials
Hydrogeology & Monitoring Wells
Engineering • Inspection • Testing

Client: Brown & Root Environmental

Project: NTC-Orlando

ASTM D-5084
Standard Test Method for Measurement of Hydraulic Conductivity of Saturated Porous Materials Using Flexible Wall Permeameter

Sample Number: NTCGTS7200A

Description of Soil: Dk Grey to Brown Quartz Fine Sand, Trace Root Fibers

Coefficient of Permeability, K_{20} (cm/s): 3.3×10^{-3}
(saturated specimen)

Coefficient of Permeability (m/s): **3.3×10^{-5}**

Notes:

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Client: Brown & Root Environmental

Project: NTC-Orlando

ASTM D-2937
Standard Test Method for Density of Soil in Place by the Drive-Cylinder Method

Sample Number:	NTCGTS7200A
Description of Soil:	Dk Grey to Brown Quartz Fine Sand, Trace Root Fibers
Wet Density (g/cm^3):	1.86
Dry Density (g/cm^3):	1.74
Dry Density (lb/ft^3):	**108.6**
Water Content (%):	6.9

Notes:

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Client: Brown & Root Environmental

Project: NTC-Orlando

ASTM D-5084
Standard Test Method for Measurement of Hydraulic Conductivity of Saturated Porous Materials Using Flexible Wall Permeameter

Sample Number:	NTCGTS7200B
Description of Soil:	Dk Grey to Brown Quartz Fine Sand, Sl Trace Root
Coefficient of Permeability, K_{20} (cm/s): (saturated specimen)	3.8×10^{-3}
Coefficient of Permeability (m/s):	**3.8×10^{-5}**

Notes:

8/15/95
James J. Maig, P.E. #21083

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Client: Brown & Root Environmental

Project: NTC-Orlando

ASTM D-2937
Standard Test Method for Density of Soil in Place by the Drive-Cylinder Method

Sample Number:	NTCGTS7200B
Description of Soil:	Dk Grey to Brown Quartz Fine Sand, Sl Trace Root
Wet Density (g/cm^3):	1.89
Dry Density (g/cm^3):	1.76
Dry Density (lb/ft^3):	**110.1**
Water Content (%):	7.2

Notes:

8/11/97
James J. Flaig, P.E. #21083

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REPORT OF MAXIMUM DENSITY OF SOIL

CLIENT BROWN & ROOT ENVIRONMENTAL

PROJECT NTC - ORLANDO ORDER No. 11044.1

ADDRESS ORLANDO, FL REPORT No. 10

LAB No. 98171

LOCATION NTC GTS8000 DATE 7-28-97

TYPE OF TEST ASTM D-698 SAMPLED BY CONTRACTOR

Visual Description of Material: BROWN QUARTZ FINE SAND, TRACE OF SILT

Trial Number	Per Cent of Moisture	Dry Density, Pounds Per Cubic Foot
1	10.5	109.1
2	12.8	110.1
3	14.5	108.2
4		

Weight of Mold: 4.40 lbs.

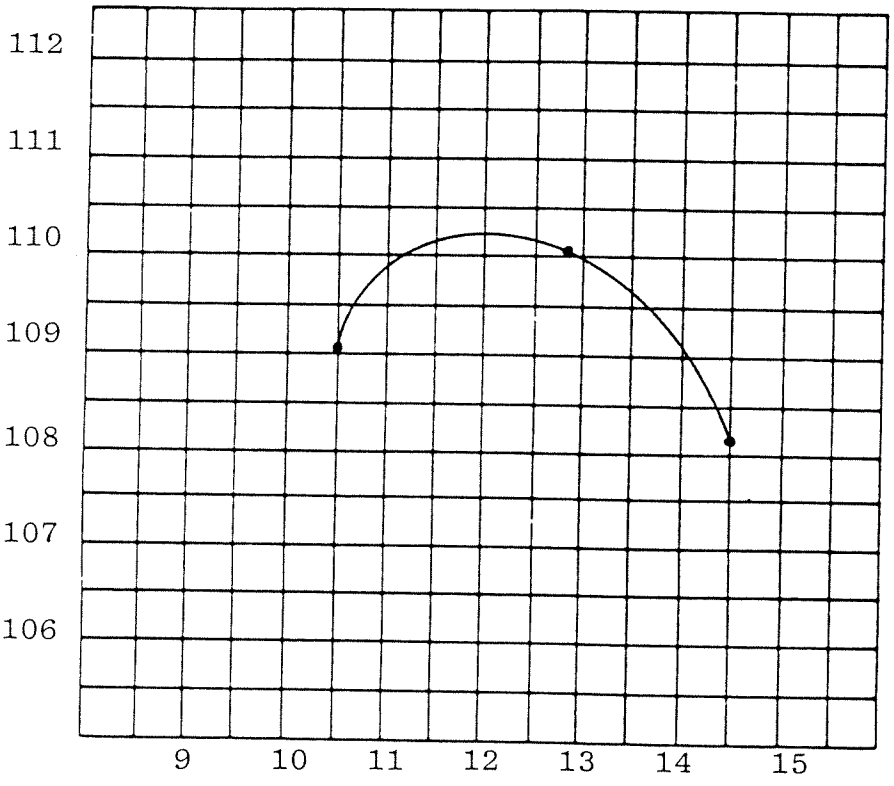
Volume of Mold: 1/30 cu. ft.

Max Dry Density PCF: 110.2

Optimum Moisture %: 12.1

Technician: B. SIVILLI

Remarks:



NUTTING ENGINEERS
OF FLORIDA INC.

By _____ P.E.
JAMES J. FLAIG, #21083

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ESTABLISHED 1967

Geotechnical & Construction Materials
Hydrogeology & Monitoring Wells
Engineering • Inspection • Testing

Client: Brown & Root Environmental

Project: NTC – Orlando

Location: Orlando, Florida

Sample Number: NTCGTS8000

Description of Soil: Brown Quartz Fine Sand, Trace Silt

ASTM 0-422
Particle Size Analysis of Soil
Hydrometer 152-H, Dispensing Agent NaPo3 4% in 125ml

Sieve Size	Sieve Analysis Passing %
No. 4	100
No. 10	100
No. 40	91.0
No. 200	5.6

Hydrometer Analysis

Sieve Size	% Finer
0.0508mm	5.1
0.0294mm	3.0
0.0132mm	1.0

James J. Flaig P.E. #21083

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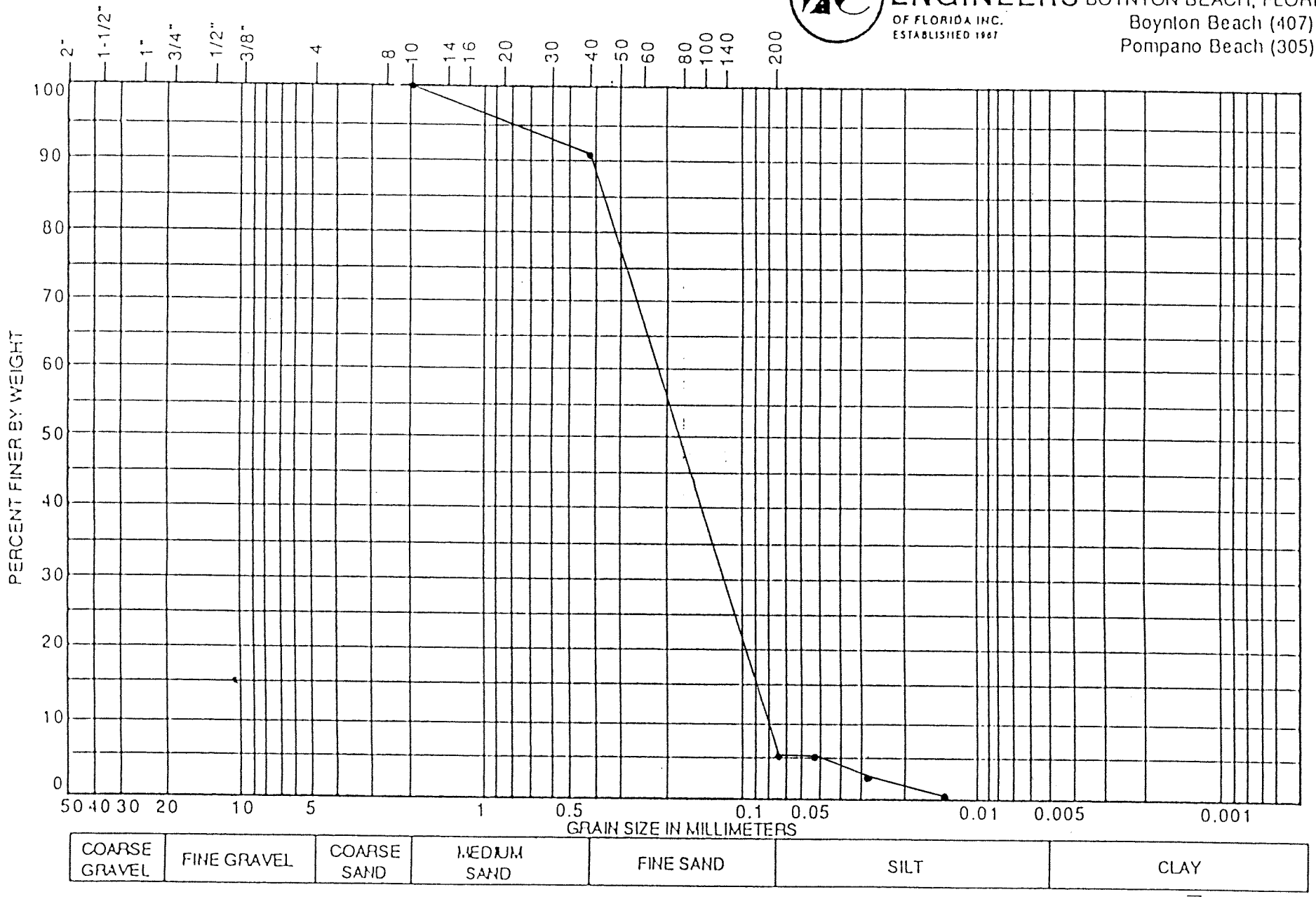

UNIFIED SOIL CLASSIFICATION

PROJECT NTC - ORLANDO BORING NO. OR LOCATION NTCGTS8000

DEPTH N/A MATERIAL DESCRIPTION

NUTTING ENGINEERS
OF FLORIDA INC.
ESTABLISHED 1967

Geotechnical & Construction Materials
Hydrogeology & Monitoring Wells
Engineering • Inspection • Testing

Client: Brown & Root Environmental

Project: NTC-Orlando

ASTM D-5084
Standard Test Method for Measurement of Hydraulic Conductivity of Saturated Porous Materials Using Flexible Wall Permeameter

Sample Number: NTCGTS8000A

Description of Soil: Brown Quartz Fine Sand, Trace Sl Clayey Sand Lumps

Coefficient of Permeability, K_{20} (cm/s): 1.2×10^{-5}
(saturated specimen)

Coefficient of Permeability (m/s): **1.2×10^{-7}**

Notes:

James J. Flaig, P.E. #21083

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Hydrogeology & Monitoring Wells
Engineering • Inspection • Testing

Client: Brown & Root Environmental

Project: NTC-Orlando

ASTM D-2937
Standard Test Method for Density of Soil in Place by the Drive-Cylinder Method

Sample Number:	NTCGTS8000A
Description of Soil:	Brown Quartz Fine Sand, Trace Sl Clayey Sand Layers
Wet Density (g/cm^3):	2.05
Dry Density (g/cm^3):	1.79
Dry Density (lb/ft^3):	**112.0**
Water Content (%):	14.3

Notes:

James A. Flaig, P.E. #21083

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Client: Brown & Root Environmental

Project: NTC-Orlando

ASTM D-5084
Standard Test Method for Measurement of Hydraulic Conductivity of Saturated Porous Materials Using Flexible Wall Permeameter

Sample Number:	NTCGTS8000B
Description of Soil:	Brown Quartz Fine Sand, 3" Layer of Clayey Sand at bottom of sample
Coefficient of Permeability, K_{20} (cm/s): (saturated specimen)	NA
Coefficient of Permeability (m/s):	**NA**
Notes:	Unable to saturate sample and conduct test due to clayey sand layer, remainder sample tube contained brown quartz sand

James J. Haig, P.E. #21083

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Client: Brown & Root Environmental

Project: NTC-Orlando

ASTM D-2937
Standard Test Method for Density of Soil in Place by the Drive-Cylinder Method

Sample Number:	NTCGTS8000B
Description of Soil:	Brown Quartz Fine Sand, 3" Layer of Clayey Sand
Wet Density (g/cm^3):	1.99
Dry Density (g/cm^3):	1.72
Dry Density (lb/ft^3):	**107.6**
Water Content (%):	15.5

Notes:

James J. Haig, P.E. #21083

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REPORT OF MAXIMUM DENSITY OF SOIL

CLIENT BROWN & ROOT ENVIRONMENTAL

PROJECT NTC - ORLANDO, ORDER No. 11044.1

ADDRESS ORLANDO, FL REPORT No. 11

LAB No. 98171

LOCATION NTC GTS9200 DATE 7-28-97

TYPE OF TEST ASTM D-698 SAMPLED BY CONTRACTOR

Visual Description of Material: BROWN QUARTZ FINE SAND, TRACE OF SILT

Trial Number	Per Cent of Moisture	Dry Density, Pounds Per Cubic Foot
1	9.2	109.9
2	11.0	111.1
3	13.3	110.4
4		

Weight of Mold: 4.40 lbs.

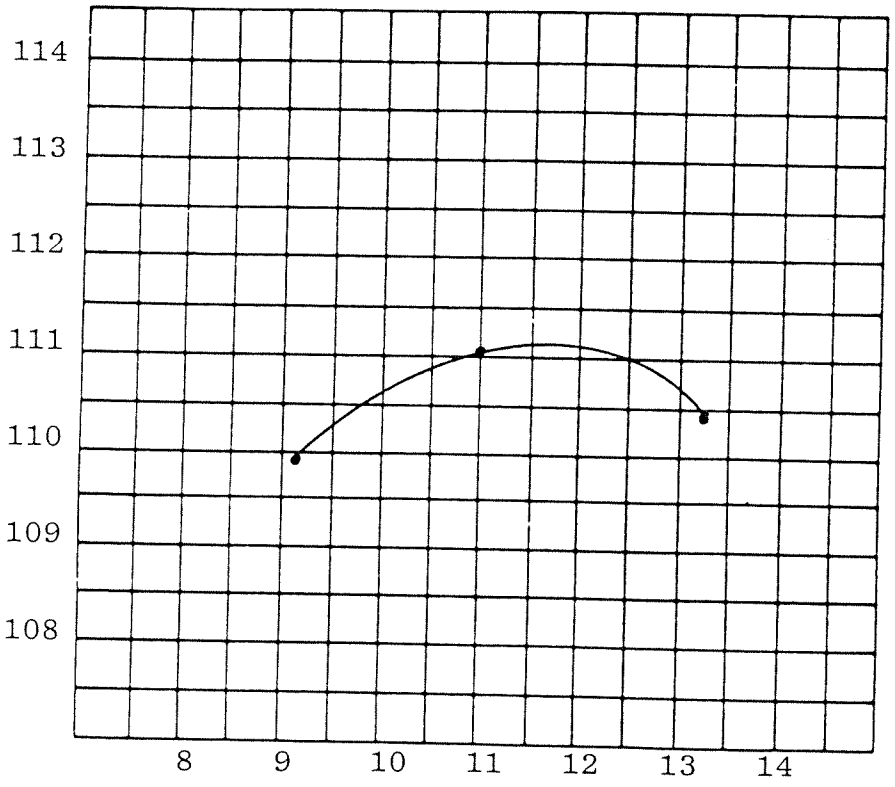
Volume of Mold: 1/30 cu. ft.

Max Dry Density PCF:
111.2

Optimum Moisture %:
11.7

Technician:
B. SIVILLI

Remarks:



NUTTING ENGINEERS
OF FLORIDA INC.

By 7/28/97 P.E.
JAMES J. FLAIG, #21083

NUTTING ENGINEERS
OF FLORIDA INC.
ESTABLISHED 1967

Geotechnical & Construction Materials
Hydrogeology & Monitoring Wells
Engineering • Inspection • Testing

Client: Brown & Root Environmental

Project: NTC – Orlando

Location: Orlando, Florida

Sample Number: NTCGTS9200

Description of Soil: Brown Quartz Fine Sand, Trace Silt

ASTM 0-422
Particle Size Analysis of Soil
Hydrometer 152-H, Dispensing Agent NaPo3 4% in 125ml

Sieve Size	Sieve Analysis Passing %
No. 4	100
No. 10	100
No. 40	93.0
No. 200	10.3

Hydrometer Analysis

Sieve Size	% Finer
0.0499mm	10.1
0.0355mm	8.1
0.0207mm	5.1
0.0093mm	3.0
0.0047mm	2.0

9/15/97
James J. Flaig P.E. #21083

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ESTABLISHED 1967
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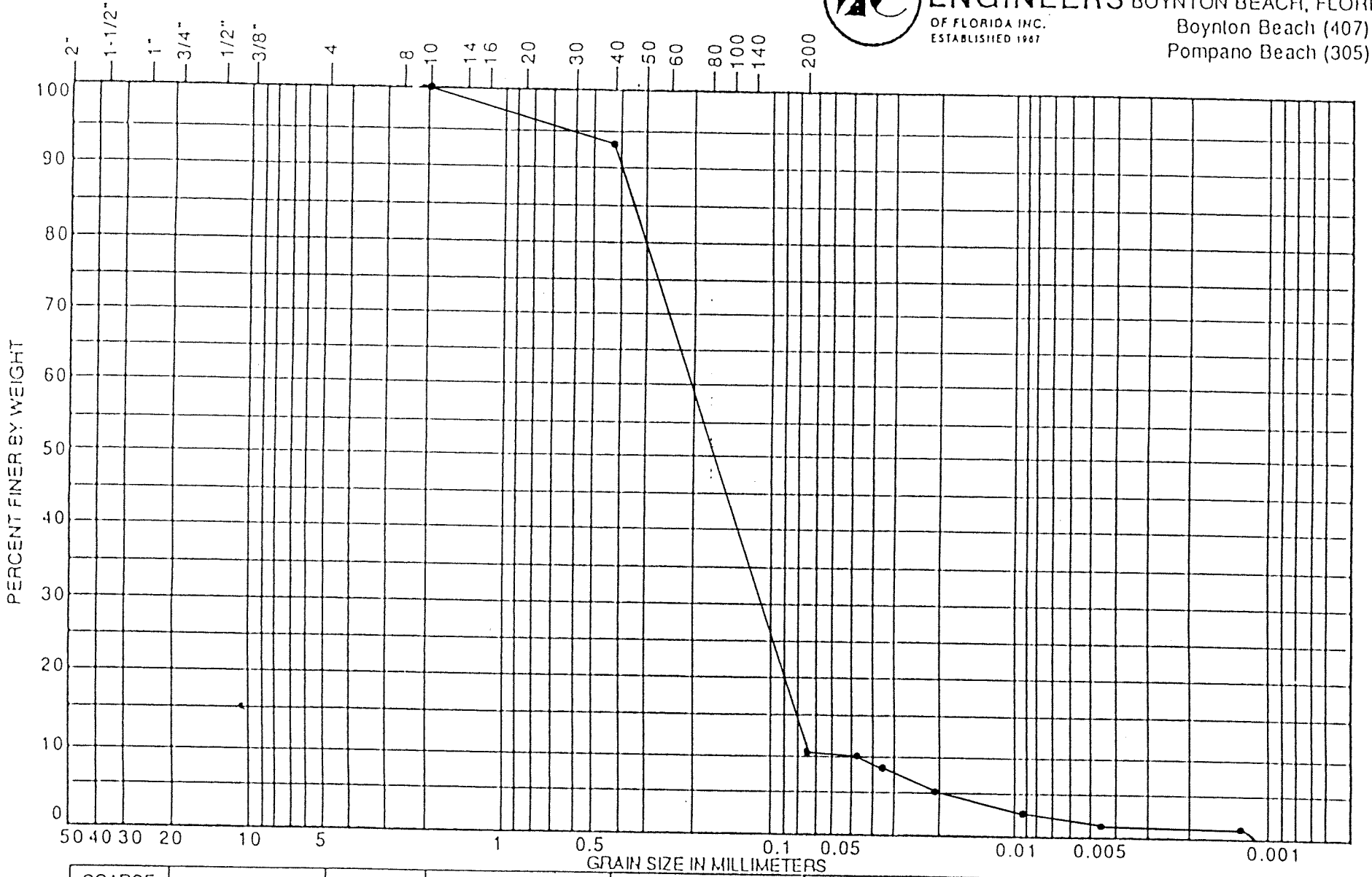

UNIFIED SOIL CLASSIFICATION

PROJECT NTC - ORLANDO BORING NO. OR LOCATION NTCGTS9200

DE I N/A MATERIAL DESCRIPTION

NUTTING ENGINEERS
OF FLORIDA INC.
ESTABLISHED 1967

Geotechnical & Construction Materials
Hydrogeology & Monitoring Wells
Engineering • Inspection • Testing

Client: Brown & Root Environmental

Project: NTC-Orlando

ASTM D-5084
Standard Test Method for Measurement of Hydraulic Conductivity of Saturated Porous Materials Using Flexible Wall Permeameter

Sample Number: NTCGTS9200A

Description of Soil: Brown Quartz Fine Sand

Coefficient of Permeability, K_{20} (cm/s): 1.1×10^{-3}
(saturated specimen)

Coefficient of Permeability (m/s): **1.1×10^{-5}**

Notes:

James J. Flaig, P.E. #21083

1310 NEPTUNE DRIVE • BOYNTON BEACH, FLORIDA 33426
Boynton Beach (561) 736-4900 • Pompano Beach (954) 941-8700 • Fax (561) 737-9975

NUTTING ENGINEERS
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ESTABLISHED 1967

Geotechnical & Construction Materials
Hydrogeology & Monitoring Wells
Engineering • Inspection • Testing

Client: Brown & Root Environmental

Project: NTC-Orlando

ASTM D-2937
Standard Test Method for Density of Soil in Place by the Drive-Cylinder Method

Sample Number:	NTCGTS9200A
Description of Soil:	Brown Quartz Fine Sand
Wet Density (g/cm^3):	1.83
Dry Density (g/cm^3):	1.60
Dry Density (lb/ft^3):	**100.1**
Water Content (%):	14.1

Notes:

James J. Haig, P.E. #21083

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Client: Brown & Root Environmental

Project: NTC-Orlando

ASTM D-5084
Standard Test Method for Measurement of Hydraulic Conductivity of Saturated Porous Materials Using Flexible Wall Permeameter

Sample Number: NTCGTS9200B

Description of Soil: Brown Quartz Fine Sand

Coefficient of Permeability, K_{20} (cm/s): 1.1×10^{-3}
(saturated specimen)

Coefficient of Permeability (m/s): **1.1×10^{-5}**

Notes:

8/15/97
James W. Flaig, P.E. #21083

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Client: Brown & Root Environmental

Project: NTC-Orlando

ASTM D-2937
Standard Test Method for Density of Soil in Place by the Drive-Cylinder Method

Sample Number:	NTCGTS9200B
Description of Soil:	Brown Quartz Fine Sand
Wet Density (g/cm^3):	1.81
Dry Density (g/cm^3):	1.52
Dry Density (lb/ft^3):	**95.1**
Water Content (%):	18.8

Notes:

James A. Haig, P.E. #21083

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REPORT OF MAXIMUM DENSITY OF SOIL

CLIENT BROWN & ROOT ENVIRONMENTAL
PROJECT NTC - ORLANDO
ADDRESS ORLANDO, FL
LOCATION NTC GTI0100
TYPE OF TEST ASTM D-698
Visual Description of Material: LIGHT BROWN QUARTZ FINE SAND, SLIGHT TRACE OF SILT

ORDER No. 11044.1
REPORT No. 18
LAB No. 98171
DATE 7-29-97
SAMPLED BY CONTRACTOR

Trial Number	Per Cent of Moisture	Dry Density, Pounds Per Cubic Foot
1	9.1	111.4
2	11.0	113.0
3	13.3	110.2
4		

Weight of Mold: 4.40 lbs.

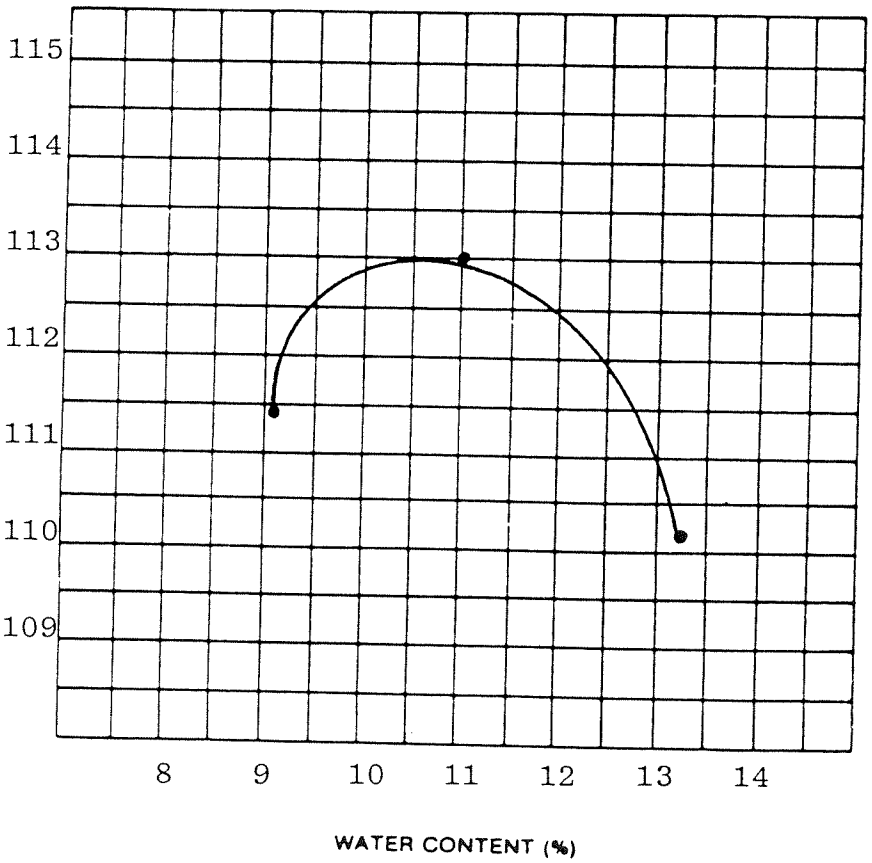
Volume of Mold: 1/30 cu. ft.

Max Dry Density PCF: 113.0

Optimum Moisture %: 10.5

Technician: B. SIVILLI

Remarks:



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By _____ P.E.
JAMES J. FLAIG, #21083

NUTTING ENGINEERS
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Geotechnical & Construction Materials
Hydrogeology & Monitoring Wells
Engineering • Inspection • Testing

Client: Brown & Root Environmental

Project: NTC – Orlando

Location: Orlando, Florida

Sample Number: NTCGTI0100

Description of Soil: Light Brown Quartz Fine Sand, Slight Trace Silt

ASTM 0-422
Particle Size Analysis of Soil
Hydrometer 152-H, Dispensing Agent NaPo3 4% in 125ml

Sieve Size	Sieve Analysis Passing %
No. 4	100
No. 10	100
No. 40	90.3
No. 200	3.0

Hydrometer Analysis

Sieve Size	% Finer
0.0508mm	2.5
0.0227mm	2.0
0.0132mm	1.5
0.0066mm	1.0

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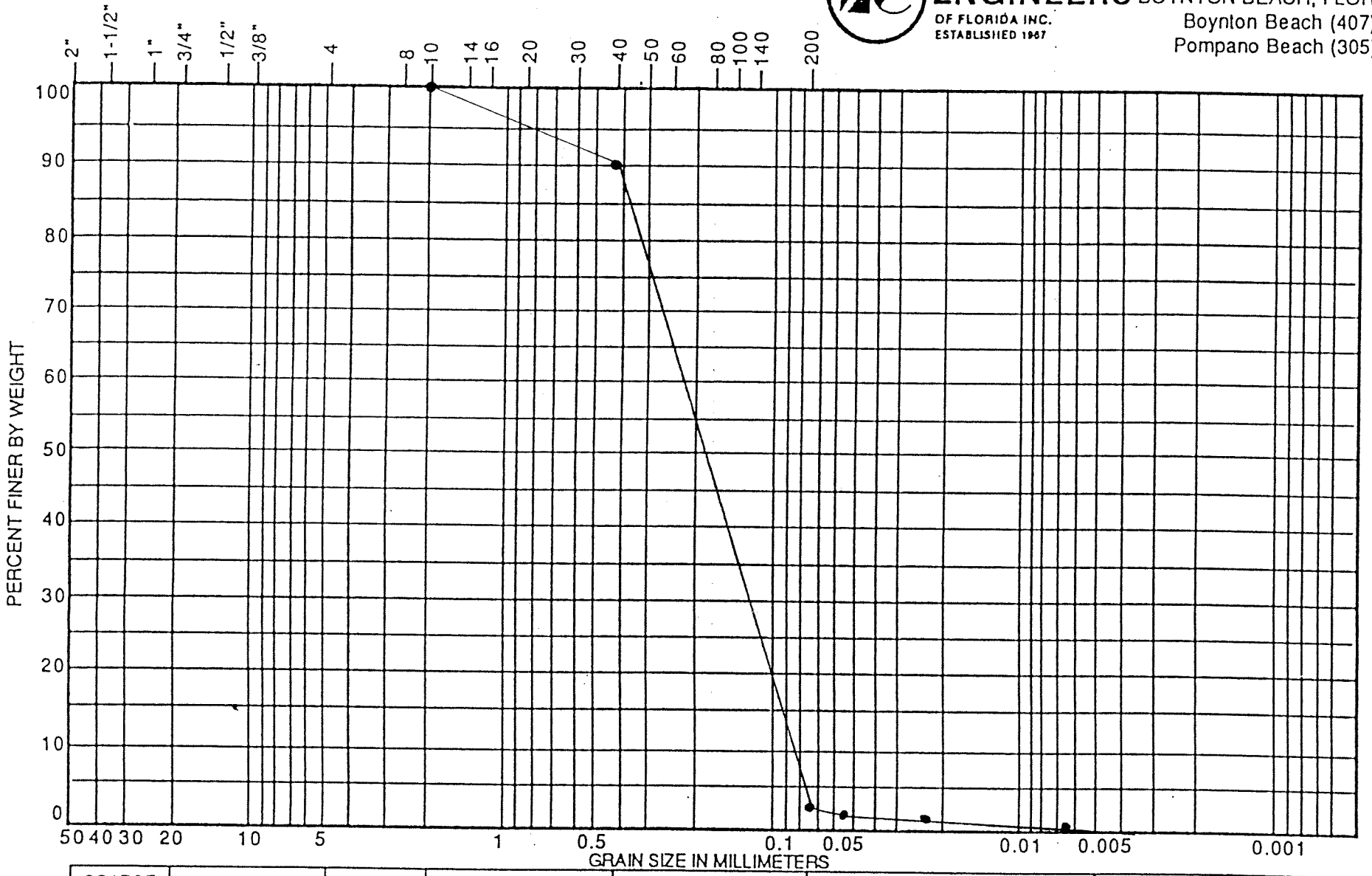

UNIFIED SOIL CLASSIFICATION

PROJECT NTC - ORLANDO BORING NO. OR LOCATION NTCGTI0100

DEPTH N/A MATERIAL DESCRIPTION

C-50

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Geotechnical & Construction Materials
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Engineering • Inspection • Testing

Client: Brown & Root Environmental

Project: NTC-Orlando

ASTM D-5084
Standard Test Method for Measurement of Hydraulic Conductivity of Saturated Porous Materials Using Flexible Wall Permeameter

Sample Number: NTCGTI0100A

Description of Soil: Grey to Brown Quartz Fine Sand

Coefficient of Permeability, K_{20} (cm/s): 2.2×10^{-3}
(saturated specimen)

Coefficient of Permeability (m/s): **2.2×10^{-5}**

Notes:

James J. Haig, P.E. #21083

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Engineering • Inspection • Testing

Client: Brown & Root Environmental

Project: NTC-Orlando

ASTM D-2937
Standard Test Method for Density of Soil in Place by the Drive-Cylinder Method

Sample Number:	NTCGTI0100A
Description of Soil:	Grey to Brown Quartz Fine Sand
Wet Density (g/cm^3):	1.92
Dry Density (g/cm^3):	1.77
Dry Density (lb/ft^3):	**110.8**
Water Content (%):	8.2

Notes:

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Client: Brown & Root Environmental

Project: NTC-Orlando

ASTM D-5084
Standard Test Method for Measurement of Hydraulic Conductivity of Saturated Porous Materials Using Flexible Wall Permeameter

Sample Number:	NTCGTI0100B
Description of Soil:	Grey to Brown Quartz Fine Sand, Sl Trace Colloidal Organics
Coefficient of Permeability, K_{20} (cm/s): (saturated specimen)	5.1×10^{-3}
Coefficient of Permeability (m/s):	**5.1×10^{-5}**

Notes:

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Client: Brown & Root Environmental

Project: NTC-Orlando

ASTM D-2937
Standard Test Method for Density of Soil in Place by the Drive-Cylinder Method

Sample Number:	NTCGTI0100B
Description of Soil:	Grey to Brown Quartz Fine Sand, Sl Trace Colloidal Organics
Wet Density (g/cm^3):	1.89
Dry Density (g/cm^3):	1.74
Dry Density (lb/ft^3):	**108.6**
Water Content (%):	8.6

Notes:

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REPORT OF MAXIMUM DENSITY OF SOIL

CLIENT BROWN & ROOT ENVIRONMENTAL

PROJECT NTC - ORLANDO, ORDER No. 11044.1

ADDRESS ORLANDO, FL REPORT No. 6

LAB No. 98171

LOCATION NTC GTI0400 DATE 7-28-97

TYPE OF TEST ASTM D-698 SAMPLED BY CONTRACTOR

Visual Description of Material: GRAY TO BROWN QUARTZ FINE SAND, TRACE OF SILT

Trial Number	Per Cent of Moisture	Dry Density, Pounds Per Cubic Foot
1	8.6	108.0
2	10.4	110.1
3	12.4	110.0
4		

Weight of Mold: 4.40 lbs.

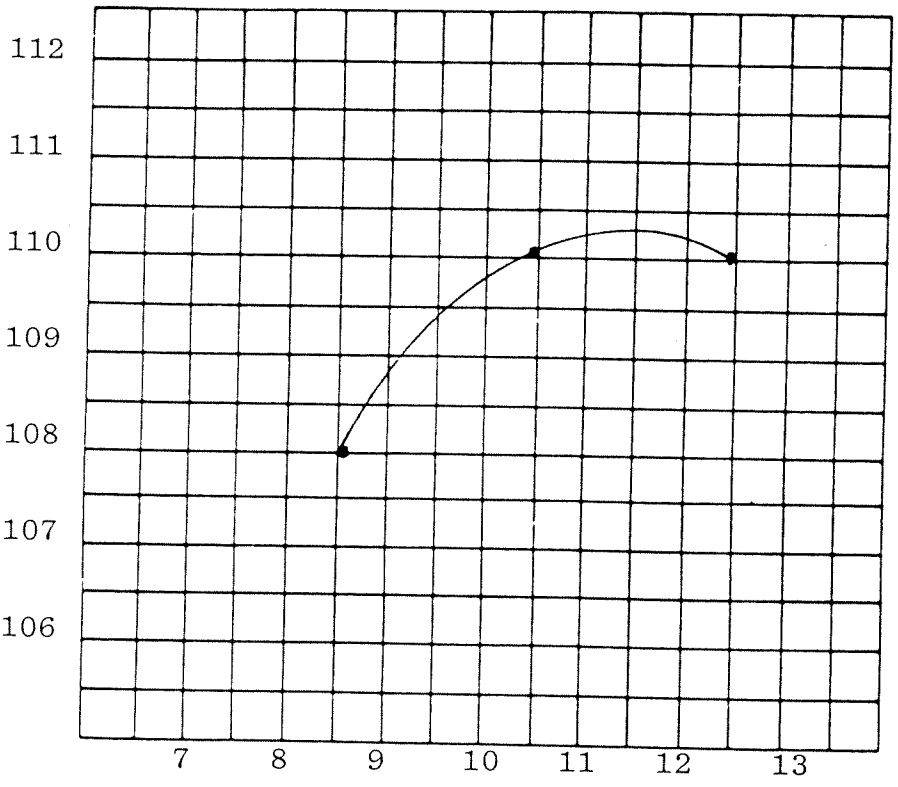
Volume of Mold: 1/30 cu. ft.

Max Dry Density PCF:
110.3

Optimum Moisture %:
11.5

Technician:
B. SIVILLI

Remarks:



NUTTING ENGINEERS
OF FLORIDA INC.

By _____ P.E.

JAMES J. FLAIG, #21083

NUTTING ENGINEERS
OF FLORIDA INC.
ESTABLISHED 1967

Geotechnical & Construction Materials
Hydrogeology & Monitoring Wells
Engineering • Inspection • Testing

Client: Brown & Root Environmental

Project: NTC – Orlando

Location: Orlando, Florida

Sample Number: NTCGTI0400

Description of Soil: Brown Quartz Fine Sand, Trace Silt

ASTM 0-422
Particle Size Analysis of Soil
Hydrometer 152-H, Dispensing Agent NaPo3 4% in 125ml

Sieve Size	Sieve Analysis Passing %
No. 4	100
No. 10	100
No. 40	92.1
No. 200	9.8

Hydrometer Analysis

Sieve Size	% Finer
0.0497mm	6.2
0.0288mm	5.1
0.0178mm	4.1
0.0065mm	3.1
0.0046mm	2.1

James A. Blaig P.E. #21083

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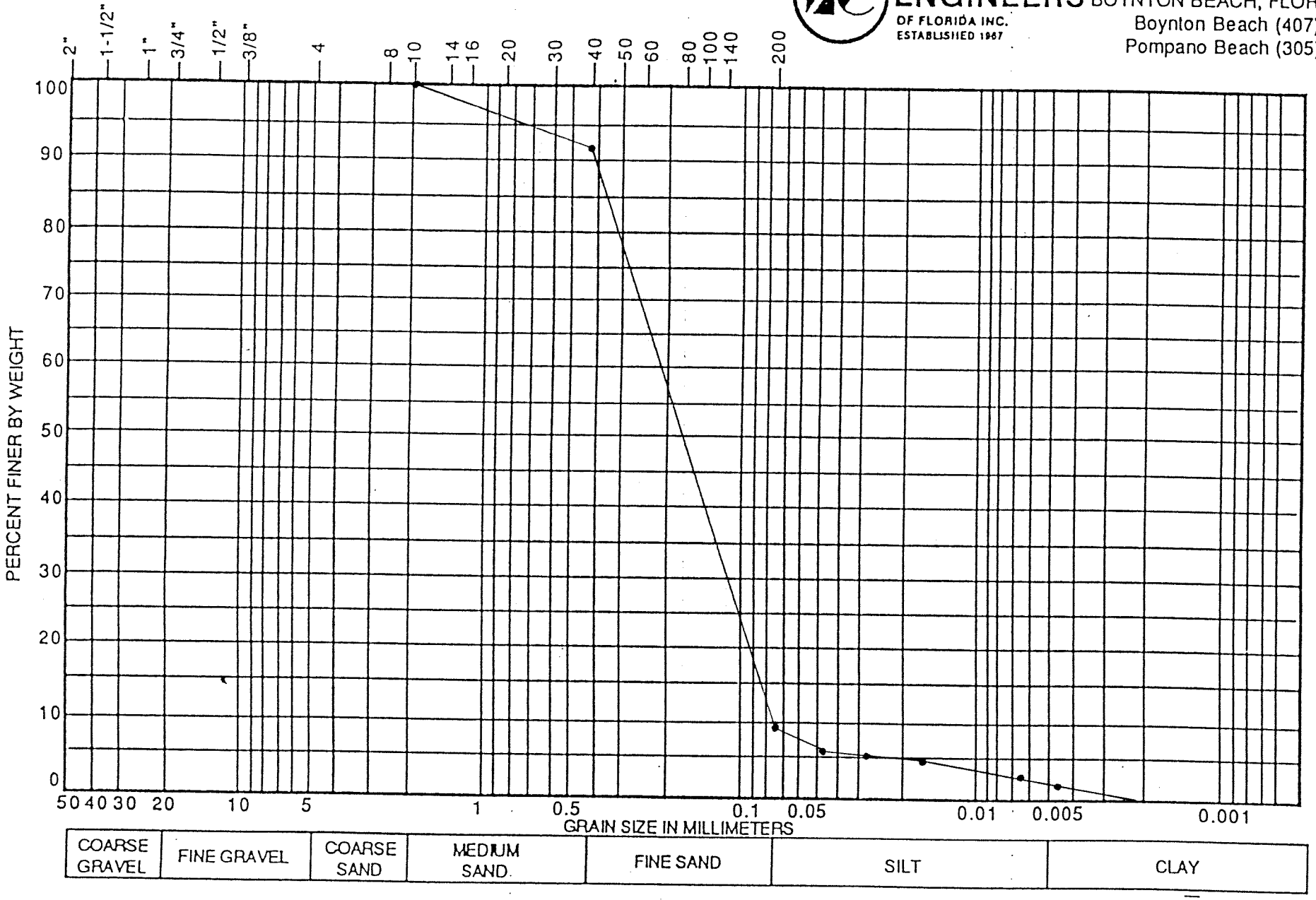

UNIFIED SOIL CLASSIFICATION

PROJECT NTC - ORLANDO BORING NO. OR LOCATION NTCGTI0400

D H N/A MATERIAL DESCRIPTION

GRAIN SIZE DISTRIBUTION PLOT

NUTTING ENGINEERS
OF FLORIDA INC.
ESTABLISHED 1967

Geotechnical & Construction Materials
Hydrogeology & Monitoring Wells
Engineering • Inspection • Testing

Client: Brown & Root Environmental

Project: NTC-Orlando

ASTM D-5084
Standard Test Method for Measurement of Hydraulic Conductivity of Saturated Porous Materials Using Flexible Wall Permeameter

Sample Number: NTCGTI0400A

Description of Soil: Brown Quartz Fine Sand, Trace Colloidal Organics

Coefficient of Permeability, K_{20} (cm/s): 8.5×10^{-5}
(saturated specimen)

Coefficient of Permeability (m/s): **8.5×10^{-7}**

Notes:

James J. Plaig, P.E. #21083

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Engineering • Inspection • Testing

Client: Brown & Root Environmental

Project: NTC-Orlando

ASTM D-2937
Standard Test Method for Density of Soil in Place by the Drive-Cylinder Method

Sample Number:	NTCGTI0400A
Description of Soil:	Tan to Brown Quzrtz Fine Sand
Wet Density (g/cm^3):	1.93
Dry Density (g/cm^3):	1.67
Dry Density (lb/ft^3):	**104.4**
Water Content (%):	15.4

Notes:

James J. Flaig, P.E. #21083

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Client: Brown & Root Environmental

Project: NTC-Orlando

ASTM D-5084
Standard Test Method for Measurement of Hydraulic Conductivity of Saturated Porous Materials Using Flexible Wall Permeameter

Sample Number: NTCGTI0400B

Description of Soil: Tan to Brown Quartz Fine Sand

Coefficient of Permeability, K_{20} (cm/s): 2.2×10^{-4}
(saturated specimen)

Coefficient of Permeability (m/s): **2.2×10^{-6}**

Notes:

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Engineering • Inspection • Testing

Client: Brown & Root Environmental

Project: NTC-Orlando

ASTM D-2937
Standard Test Method for Density of Soil in Place by the Drive-Cylinder Method

Sample Number:	NTCGTI0400B
Description of Soil:	Tan to Brown Quartz Fine Sand
Wet Density (g/cm^3):	1.85
Dry Density (g/cm^3):	1.63
Dry Density (lb/ft^3):	**101.9**
Water Content (%):	13.3

Notes:

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REPORT OF MAXIMUM DENSITY OF SOIL

CLIENT BROWN & ROOT ENVIRONMENTAL
PROJECT NTC - ORLANDO
ADDRESS ORLANDO, FL
LOCATION NTC GTI1900
TYPE OF TEST ASTM D-698
Visual Description of Material: BROWN QUARTZ FINE SAND, TRACE OF SILT

ORDER No. 11044.1
REPORT No. 19
LAB No. 98171
DATE 7-27-97
SAMPLED BY CONTRACTOR

Trial Number	Per Cent of Moisture	Dry Density, Pounds Per Cubic Foot
1	8.5	106.7
2	10.7	110.0
3	12.8	106.9
4		

Weight of Mold: 4.40 lbs.

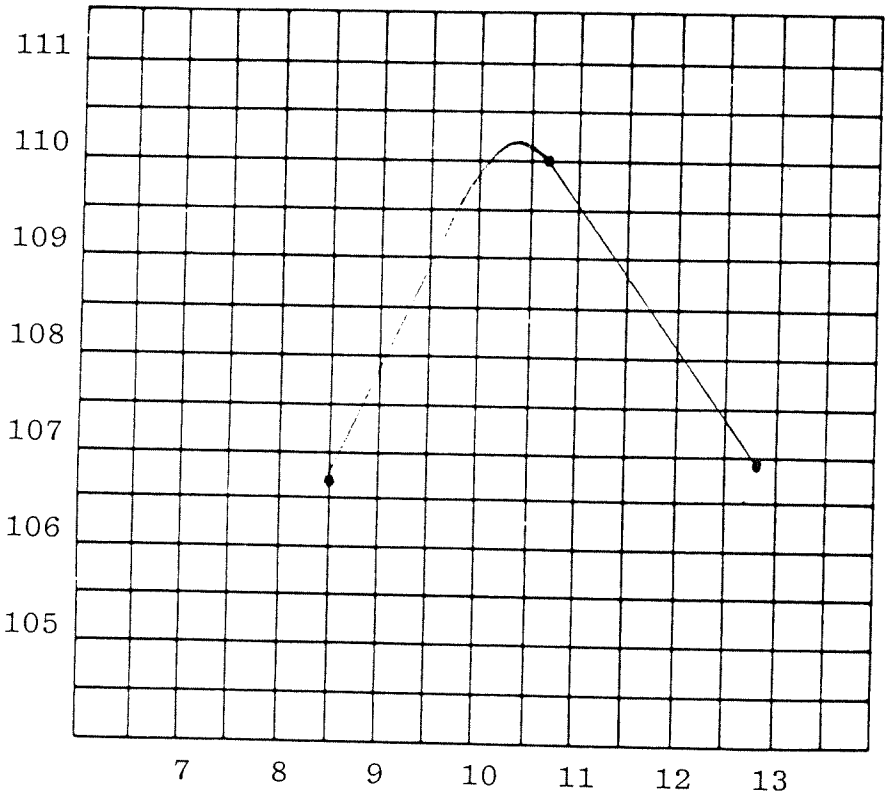
Volume of Mold: 1/30 cu. ft.

Max Dry Density PCF: 110.2

Optimum Moisture %: 10.3

Technician: B. SIVILLI

Remarks:



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By _____ P.E.
JAMES J. FLAIG, #21083

NUTTING ENGINEERS
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ESTABLISHED 1967

Geotechnical & Construction Materials
Hydrogeology & Monitoring Wells
Engineering • Inspection • Testing

Client: Brown & Root Environmental

Project: NTC – Orlando

Location: Orlando, Florida

Sample Number: NTCGTI1900

Description of Soil: Light Brown Quartz Fine Sand, Slight Trace Silt

ASTM 0-422
Particle Size Analysis of Soil
Hydrometer 152-H, Dispensing Agent NaPo3 4% in 125ml

Sieve Size	Sieve Analysis Passing %
No. 4	100
No. 10	100
No. 40	93.9
No. 200	5.3

Hydrometer Analysis

Sieve Size	% Finer
0.0503mm	4.0
0.0207mm	3.0
0.0161mm	2.0
0.0093mm	1.0

8/15/97
James A. Flaig P.E. #21083

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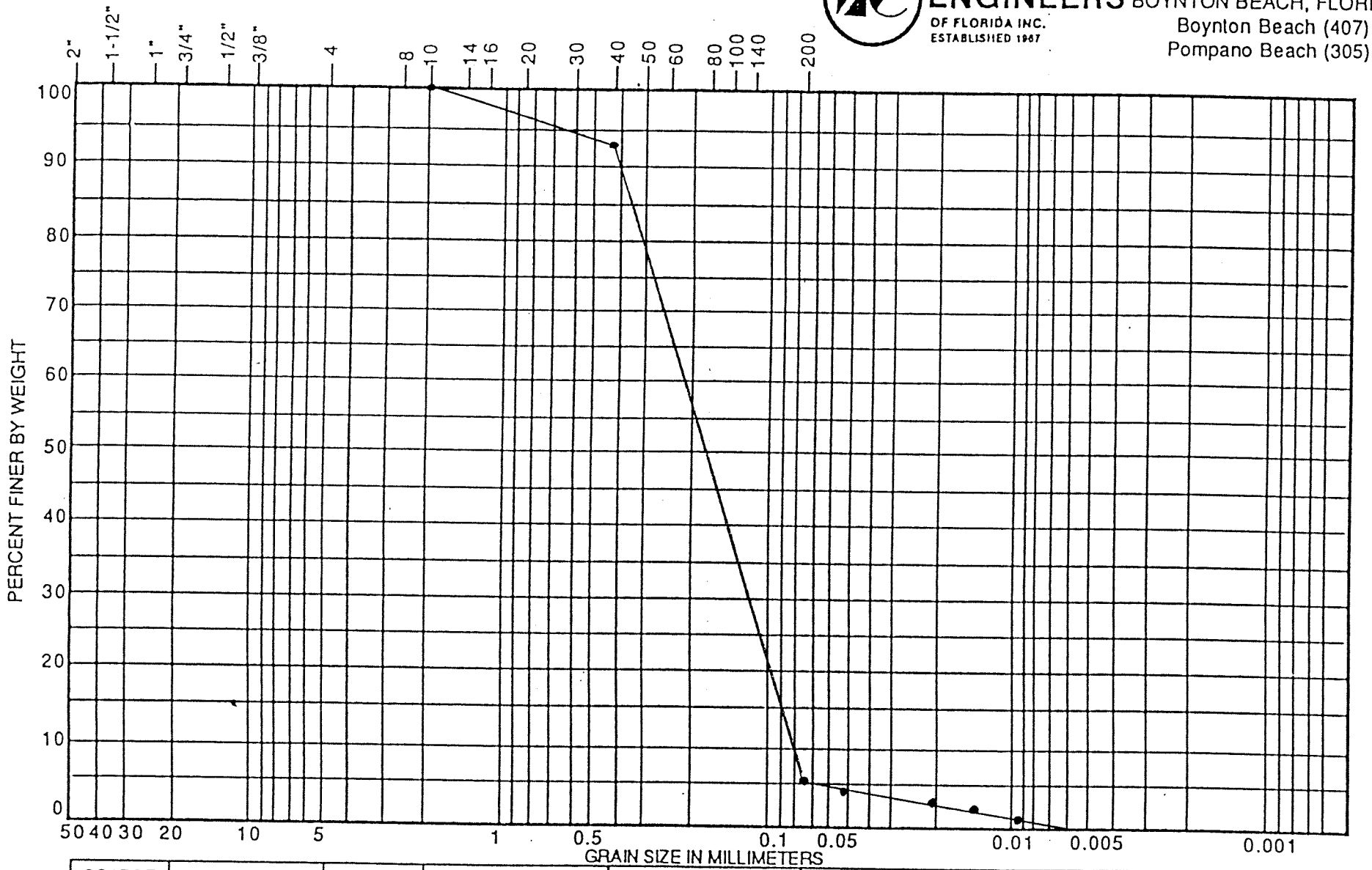

UNIFIED SOIL CLASSIFICATION

PROJECT NTC - ORLANDO BORING NO. OR LOCATION NTCGTI1900

DEPTH N/A MATERIAL DESCRIPTION

NUTTING ENGINEERS
OF FLORIDA INC.
ESTABLISHED 1967

Geotechnical & Construction Materials
Hydrogeology & Monitoring Wells
Engineering • Inspection • Testing

Client: Brown & Root Environmental

Project: NTC-Orlando

ASTM D-5084
Standard Test Method for Measurement of Hydraulic Conductivity of Saturated Porous Materials Using Flexible Wall Permeameter

Sample Number: NTCGTI1900A

Description of Soil: Tan to Brown Quartz Fine Sand

Coefficient of Permeability, K_{20} (cm/s): 1.7×10^{-3}
(saturated specimen)

Coefficient of Permeability (m/s): **1.7×10^{-5}**

Notes:

James J. Flaig, P.E. #21083

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Client: Brown & Root Environmental

Project: NTC-Orlando

ASTM D-2937
Standard Test Method for Density of Soil in Place by the Drive-Cylinder Method

Sample Number:	NTCGTI1900A
Description of Soil:	Tan to Brown Quartz Fine Sand
Wet Density (g/cm^3):	1.80
Dry Density (g/cm^3):	1.70
Dry Density (lb/ft^3):	**106.3**
Water Content (%):	5.7

Notes:

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Client: Brown & Root Environmental

Project: NTC-Orlando

ASTM D-5084
Standard Test Method for Measurement of Hydraulic Conductivity of Saturated Porous Materials Using Flexible Wall Permeameter

Sample Number: NTCGTI1900B

Description of Soil: Brown Quartz Fine Sand

Coefficient of Permeability, K_{20} (cm/s): 2.4×10^{-3}
(saturated specimen)

Coefficient of Permeability (m/s): **2.4×10^{-5}**

Notes:

James J. Haig, P.E. #21083

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Client: Brown & Root Environmental

Project: NTC-Orlando

ASTM D-2937
Standard Test Method for Density of Soil in Place by the Drive-Cylinder Method

Sample Number:	NTCGTI1900B
Description of Soil:	Brown Quartz Fine Sand
Wet Density (g/cm^3):	1.75
Dry Density (g/cm^3):	1.64
Dry Density (lb/ft^3):	**102.2**
Water Content (%):	6.9

Notes:

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REPORT OF MAXIMUM DENSITY OF SOIL

CLIENT BROWN & ROOT ENVIRONMENTAL

PROJECT NTC - ORLANDO, ORDER No. 11044.1

ADDRESS ORLANDO, FL REPORT No. 20

LAB No. 98171

LOCATION NTC GTI2100 DATE 7-29-97

TYPE OF TEST ASTM D-698 SAMPLED BY CONTRACTOR

Visual Description of Material: LIGHT BROWN QUARTZ FINE SAND

Trial Number	Per Cent of Moisture	Dry Density, Pounds Per Cubic Foot
1	8.1	106.8
2	10.3	107.7
3	12.4	104.6
4		

Weight of Mold: 4.40 lbs.

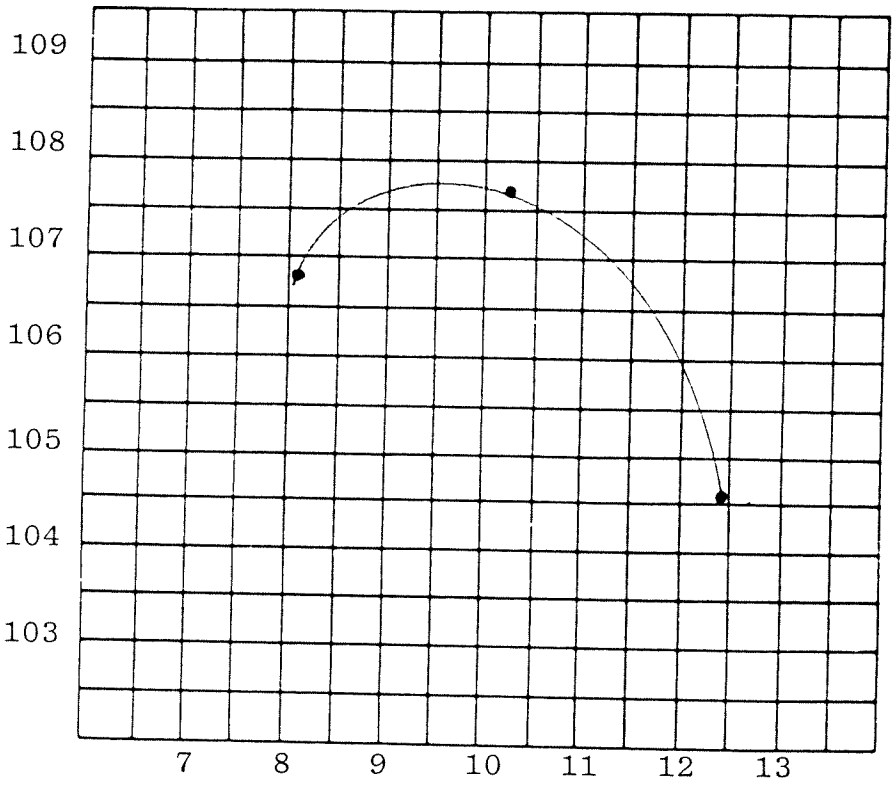
Volume of Mold: 1/30 cu. ft.

Max Dry Density PCF: 107.7

Optimum Moisture %: 9.5

Technician: B. SIVILLI

Remarks:



NUTTING ENGINEERS
OF FLORIDA INC.

By _____ P.E.
JAMES D. FLAIG, #21083

NUTTING ENGINEERS
OF FLORIDA INC.
ESTABLISHED 1967

Geotechnical & Construction Materials
Hydrogeology & Monitoring Wells
Engineering • Inspection • Testing

Client: Brown & Root Environmental

Project: NTC – Orlando

Location: Orlando, Florida

Sample Number: NTCGTI2100

Description of Soil: Light Brown Quartz Fine Sand, Trace Silt

ASTM 0-422
Particle Size Analysis of Soil
Hydrometer 152-H, Dispensing Agent NaPo3 4% in 125ml

Sieve Size	Sieve Analysis Passing %
No. 4	100
No. 10	100
No. 40	93.9
No. 200	6.8

Hydrometer Analysis

Sieve Size	% Finer
0.0503mm	6.6
0.0227mm	5.6
0.0131mm	5.1
0.0093mm	4.1
0.0066mm	4.1
0.0047mm	3.1

James J. Flaig P.E. #21083

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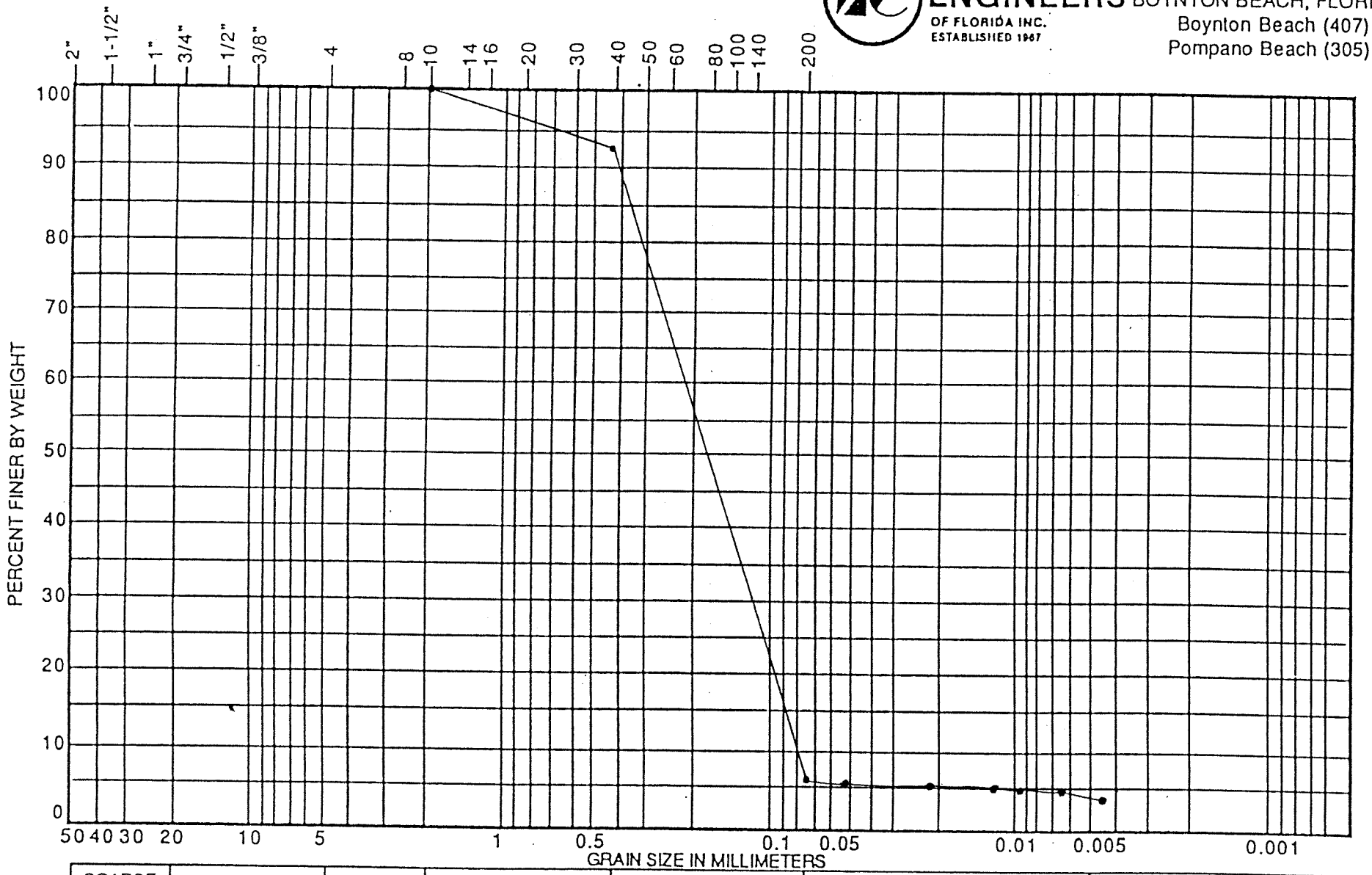

COARSE GRAVEL	FINE GRAVEL	COARSE SAND	MEDIUM SAND	FINE SAND	SILT	CLAY

UNIFIED SOIL CLASSIFICATION

PROJECT NTC - ORLANDO BORING NO. OR LOCATION NTCGTI2100

D[illegible] H N/A MATERIAL DESCRIPTION

NUTTING ENGINEERS
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ESTABLISHED 1967

Geotechnical & Construction Materials
Hydrogeology & Monitoring Wells
Engineering • Inspection • Testing

Client: Brown & Root Environmental

Project: NTC-Orlando

ASTM D-5084
Standard Test Method for Measurement of Hydraulic Conductivity of Saturated Porous Materials Using Flexible Wall Permeameter

Sample Number: NTCGTI2100A

Description of Soil: Dk Brown Quartz Fine Sand, Trace Colloidal Organics

Coefficient of Permeability, K_{20} (cm/s): 8.1×10^{-4}
(saturated specimen)

Coefficient of Permeability (m/s): **8.1×10^{-6}**

Notes:

James J. Craig, P.E. #21083

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Geotechnical & Construction Materials
Hydrogeology & Monitoring Wells
Engineering • Inspection • Testing

Client: Brown & Root Environmental

Project: NTC-Orlando

ASTM D-2937
Standard Test Method for Density of Soil in Place by the Drive-Cylinder Method

Sample Number:	NTCGTI2100A
Description of Soil:	Dk Brown Quartz Fine Sand, Trace Colloidal Organics
Wet Density (g/cm^3):	1.90
Dry Density (g/cm^3):	1.66
Dry Density (lb/ft^3):	**103.9**
Water Content (%):	14.2

Notes:

James J. Flaig, P.E. #21083

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Engineering • Inspection • Testing

Client: Brown & Root Environmental

Project: NTC-Orlando

ASTM D-5084
Standard Test Method for Measurement of Hydraulic Conductivity of Saturated Porous Materials Using Flexible Wall Permeameter

Sample Number: NTCGTI2100B

Description of Soil: Dk Brown Quartz Fine Sand, Trace Colloidal Organics

Coefficient of Permeability, K_{20} (cm/s): 1.2×10^{-5}
(saturated specimen)

Coefficient of Permeability (m/s): **1.2×10^{-7}**

Notes:

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Geotechnical & Construction Materials
Hydrogeology & Monitoring Wells
Engineering • Inspection • Testing

Client: Brown & Root Environmental

Project: NTC-Orlando

ASTM D-2937
Standard Test Method for Density of Soil in Place by the Drive-Cylinder Method

Sample Number:	NTCGTI2100B
Description of Soil:	Dk Brown Quartz Fine Sand, Trace Colloidal Organics
Wet Density (g/cm^3):	1.98
Dry Density (g/cm^3):	1.75
Dry Density (lb/ft^3):	**109.5**
Water Content (%):	12.9

Notes:

5/15/97
James J. Plaig, P.E. #21083

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REPORT OF MAXIMUM DENSITY OF SOIL

CLIENT BROWN & ROOT ENVIRONMENTAL
PROJECT NTC - ORLANDO, ORDER No. 11044.1
ADDRESS ORLANDO, FL REPORT No. 21
LAB No. 98171
LOCATION NTC GTI 2300 DATE 7-20-97
TYPE OF TEST ASTM D-698 SAMPLED BY CONTRACTOR
Visual Description of Material: LIGHT BROWN QUARTZ FINE SAND, TRACE OF SILT

Trial Number	Per Cent of Moisture	Dry Density, Pounds Per Cubic Foot
1	9.4	106.1
2	11.6	109.7
3	13.5	106.3
4		

Weight of Mold: 4.40 lbs.

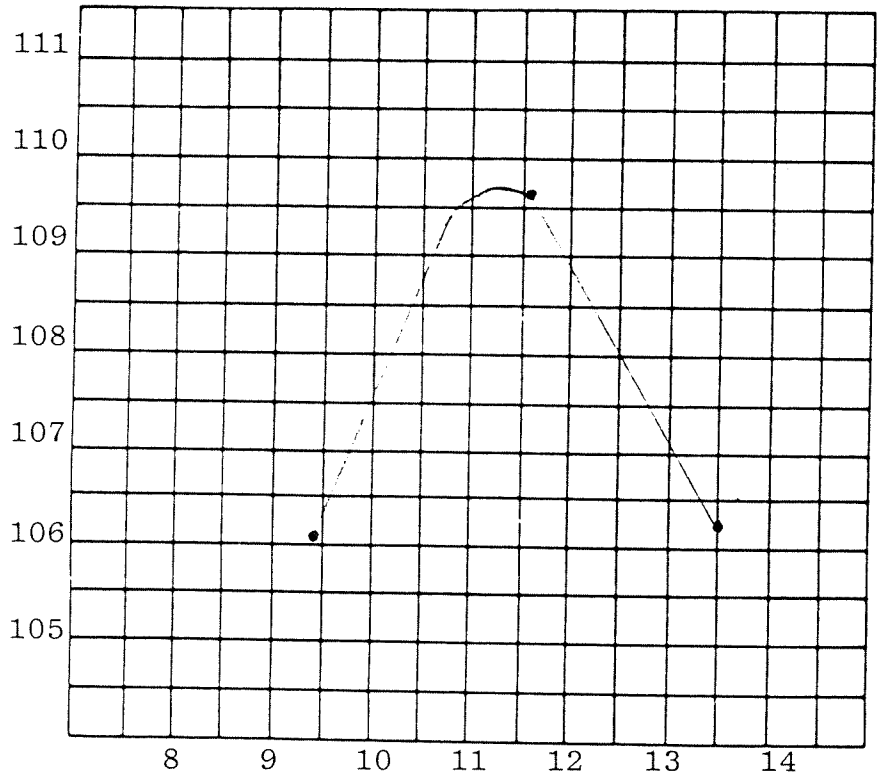
Volume of Mold: 1/30 cu. ft.

Max Dry Density PCF:
109.7

Optimum Moisture %:
11.4

Technician:
B. SIVILLI

Remarks:



NUTTING ENGINEERS
OF FLORIDA INC.

By _____ P.E.
JAMES J. FLAIG, #21083

NUTTING ENGINEERS
OF FLORIDA INC.
ESTABLISHED 1967

Geotechnical & Construction Materials
Hydrogeology & Monitoring Wells
Engineering • Inspection • Testing

Client: Brown & Root Environmental

Project: NTC – Orlando

Location: Orlando, Florida

Sample Number: NTCGTI2300

Description of Soil: Brown Quartz Fine Sand, Trace Silt

ASTM 0-422
Particle Size Analysis of Soil
Hydrometer 152-H, Dispensing Agent NaPo3 4% in 125ml

Sieve Size	Sieve Analysis Passing %
No. 4	100
No. 10	100
No. 40	93.4
No. 200	8.2

Hydrometer Analysis

Sieve Size	% Finer
0.0494mm	7.1
0.0188mm	6.1
0.0091mm	5.1
0.0038mm	4.0

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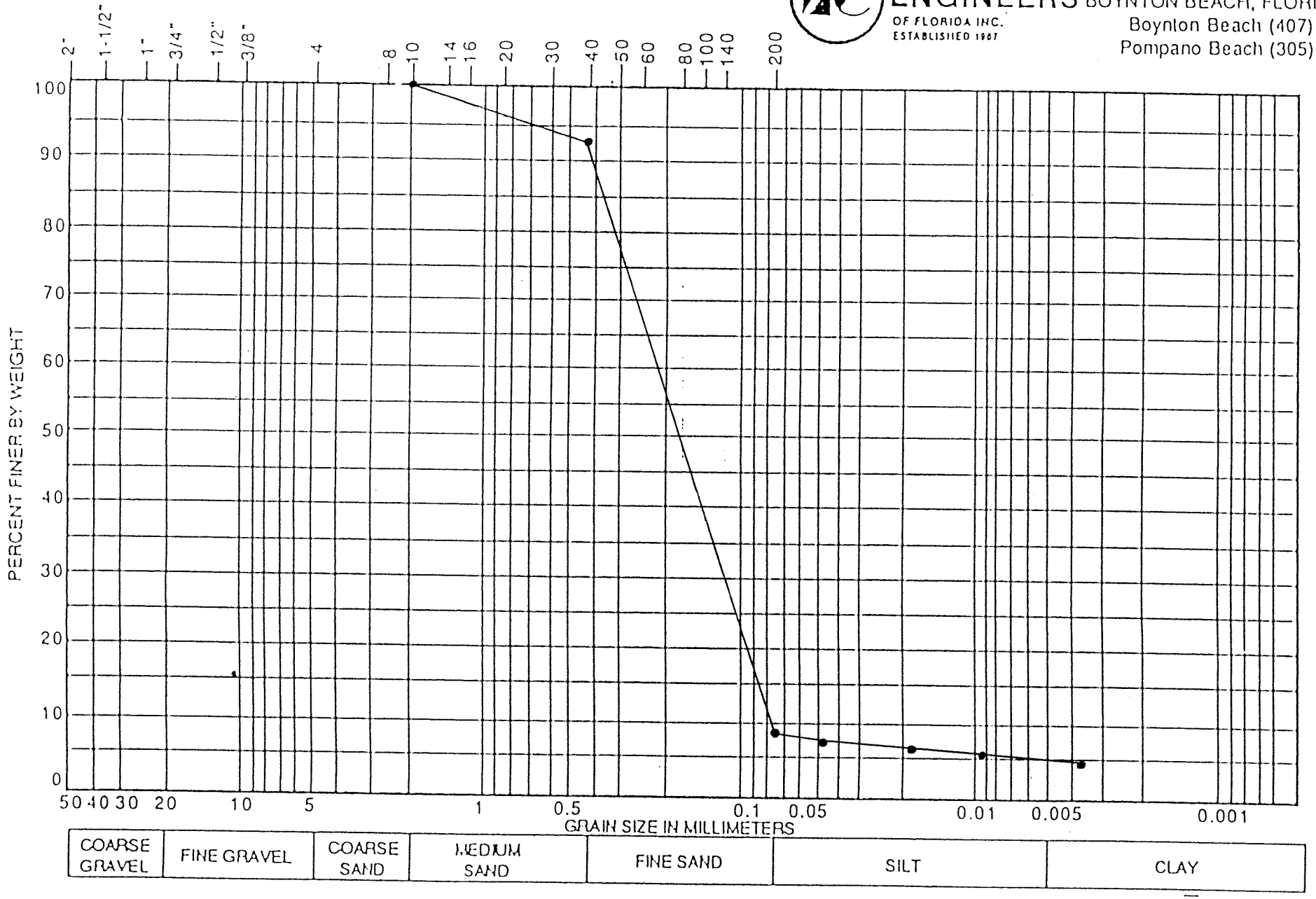

UNIFIED SOIL CLASSIFICATION

PROJECT NTC - ORLANDO BORING NO. OR LOCATION NTCGTI2300

DEPTH N/A MATERIAL DESCRIPTION

NUTTING ENGINEERS
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ESTABLISHED 1967

Geotechnical & Construction Materials
Hydrogeology & Monitoring Wells
Engineering • Inspection • Testing

Client: Brown & Root Environmental

Project: NTC-Orlando

ASTM D-5084
Standard Test Method for Measurement of Hydraulic Conductivity of Saturated Porous Materials Using Flexible Wall Permeameter

Sample Number: NTCGTI2300A

Description of Soil: Grey to Brown Quartz Fine Sand, Trace Colloidal Organics

Coefficient of Permeability, K_{20} (cm/s): 1.4×10^{-4}
(saturated specimen)

Coefficient of Permeability (m/s): **1.4×10^{-6}**

Notes:

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Hydrogeology & Monitoring Wells
Engineering • Inspection • Testing

Client: Brown & Root Environmental

Project: NTC-Orlando

ASTM D-2937
Standard Test Method for Density of Soil in Place by the Drive-Cylinder Method

Sample Number:	NTCGTI2300A
Description of Soil:	Dk Brown Quartz Fine Sand, Trace Colloidal Organics
Wet Density (g/cm^3):	1.93
Dry Density (g/cm^3):	1.76
Dry Density (lb/ft^3):	**110.1**
Water Content (%):	9.4

Notes:

5/15/97
James J. Flaig, P.E. #21083

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Client: Brown & Root Environmental

Project: NTC-Orlando

ASTM D-5084
Standard Test Method for Measurement of Hydraulic Conductivity of Saturated Porous Materials Using Flexible Wall Permeameter

Sample Number:	NTCGTI2300B
Description of Soil:	Grey to Dk Brown Quartz Fine Sand, Trace Colloidal Organics
Coefficient of Permeability, K_{20} (cm/s): (saturated specimen)	4.7×10^{-5}
Coefficient of Permeability (m/s):	**4.7×10^{-7}**

Notes:

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Hydrogeology & Monitoring Wells
Engineering • Inspection • Testing

Client: Brown and Root Environmental

REVISED 2-5-98

Project: NTC-Orlando

ASTM D-2937
Standard Test Method for Density of Soil in Place by the Drive-Cylinder Method

Sample Number:	NTCGTI2300B
Description of Soil:	Gray to Brown Quartz Fine Sand, Trace Colloidal Organics
Wet Density (g/cm^3):	1.94
Dry Density (g/cm^3):	1.80
Dry Density (lb/ft^3):	**112.3**
Water Content (%):	7.8

Notes:

2/5/98
James J. Flaig, P.E. #21083

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REPORT OF MAXIMUM DENSITY OF SOIL

CLIENT BROWN & ROOT ENVIRONMENTAL
PROJECT NTC - ORLANDO
ADDRESS ORLANDO, FL
LOCATION NTC GTI2500
TYPE OF TEST ASTM D-698
Visual Description of Material: LIGHT BROWN QUARTZ FINE SAND

ORDER No. 11044.1
REPORT No. 22
LAB No. 98171
DATE 7-31-97
SAMPLED BY CONTRACTOR

Trial Number	Per Cent of Moisture	Dry Density, Pounds Per Cubic Foot
1	7.1	108.1
2	9.3	108.4
3	11.4	108.0
4	13.3	104.3

Weight of Mold: 4.40 lbs.

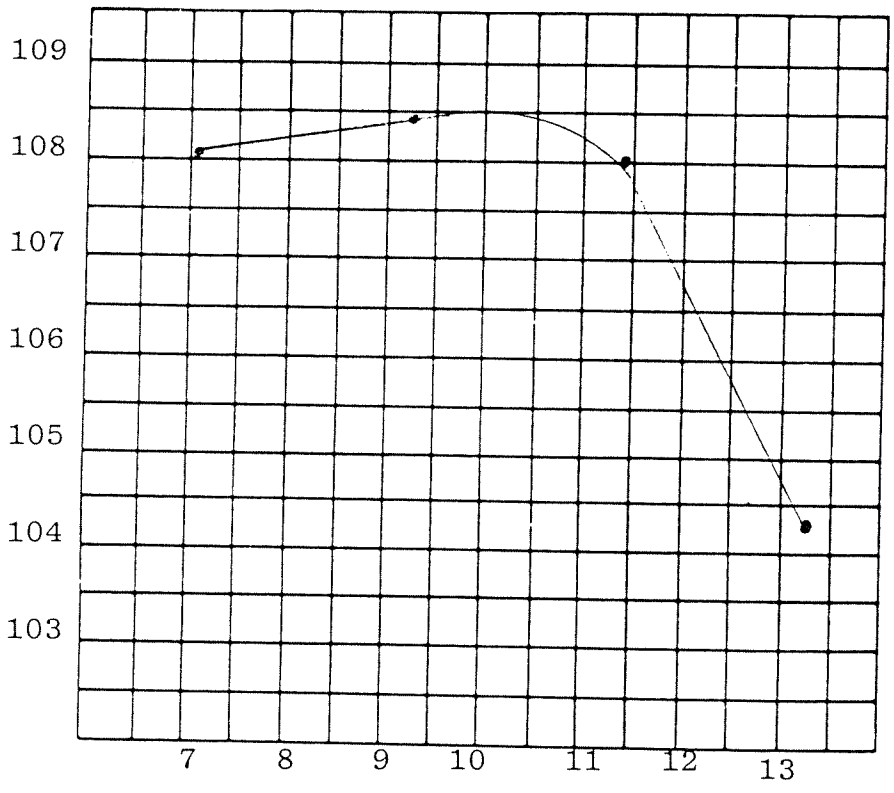
Volume of Mold: 1/30 cu. ft.

Max Dry Density PCF: 108.5

Optimum Moisture %: 10.0

Technician: B. SIVILLI

Remarks:



NUTTING ENGINEERS
OF FLORIDA INC.

By _____ P.E.
JAMES J. FLAIG, #21083

NUTTING ENGINEERS
OF FLORIDA INC.
ESTABLISHED 1967

Geotechnical & Construction Materials
Hydrogeology & Monitoring Wells
Engineering • Inspection • Testing

Client: Brown & Root Environmental

Project: NTC – Orlando

Location: Orlando, Florida

Sample Number: NTCGTI2500

Description of Soil: Gray Quartz Fine Sand, Trace Silt

ASTM 0-422
Particle Size Analysis of Soil
Hydrometer 152-H, Dispensing Agent NaPo3 4% in 125ml

Sieve Size	Sieve Analysis Passing %
No. 4	100
No. 10	100
No. 40	92.7
No. 200	7.5

Hydrometer Analysis

Sieve Size	% Finer
0.0499mm	5.1
0.0159mm	4.0
0.0092mm	3.0
0.0046mm	2.0
0.0038mm	1.0

James J. Klag P.E. #21083

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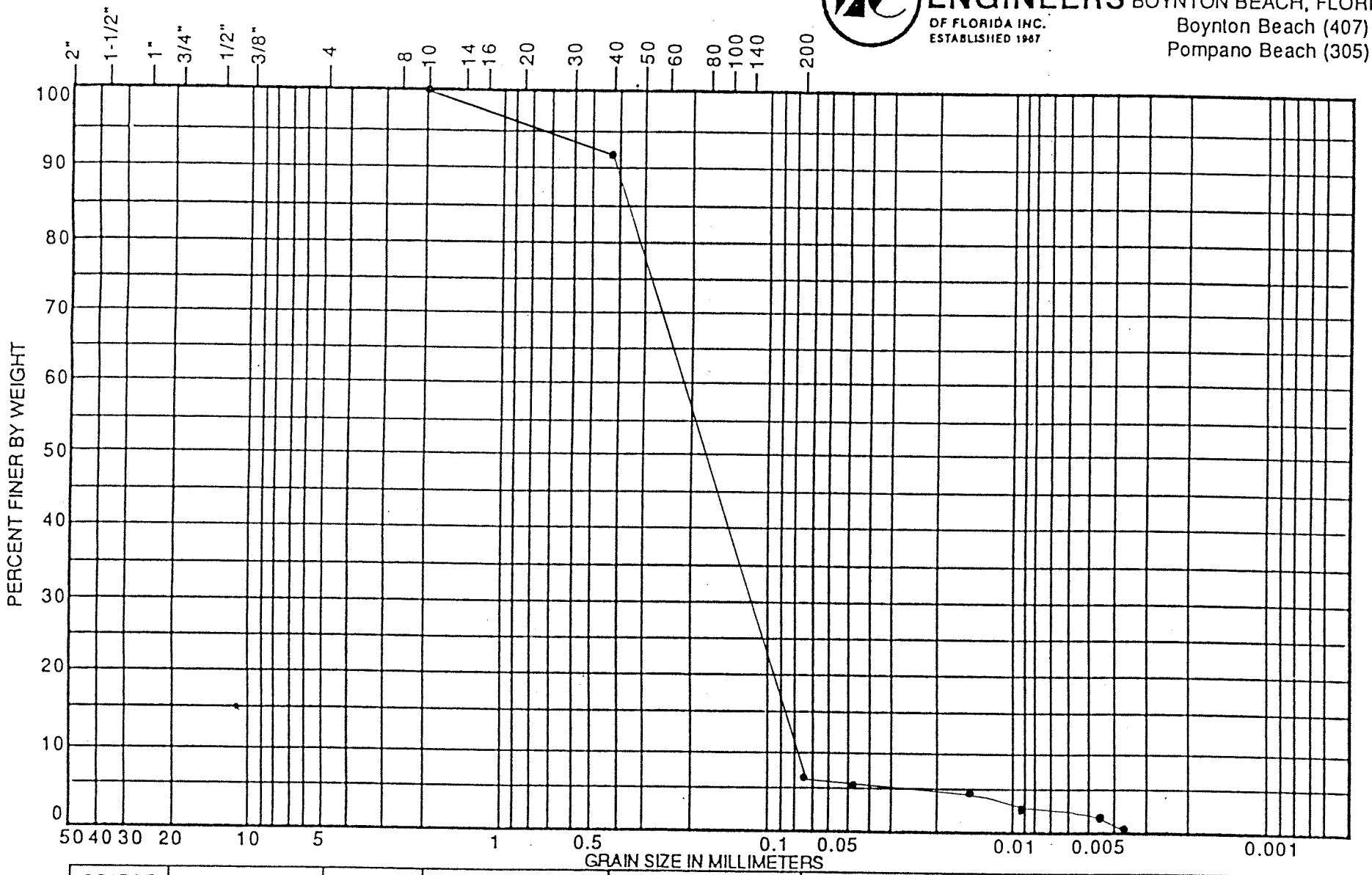

COARSE GRAVEL	FINE GRAVEL	COARSE SAND	MEDIUM SAND	FINE SAND	SILT	CLAY

UNIFIED SOIL CLASSIFICATION

C-85

PROJECT NTC - ORLANDO BORING NO. OR LOCATION NTCGTI2500

DE .H N/A MATERIAL DESCRIPTION

NUTTING ENGINEERS
OF FLORIDA INC.
ESTABLISHED 1967

Geotechnical & Construction Materials
Hydrogeology & Monitoring Wells
Engineering • Inspection • Testing

Client: Brown & Root Environmental

Project: NTC-Orlando

ASTM D-5084
Standard Test Method for Measurement of Hydraulic Conductivity of Saturated Porous Materials Using Flexible Wall Permeameter

Sample Number: NTCGTI2500A

Description of Soil: Grey to Brown Quartz Fine Sand

Coefficient of Permeability, K_{20} (cm/s): 1.5×10^{-3}
(saturated specimen)

Coefficient of Permeability (m/s): **1.5×10^{-5}**

Notes:

8/19/97
James J. Craig, P.E. #21083

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Hydrogeology & Monitoring Wells
Engineering • Inspection • Testing

Client: Brown & Root Environmental

Project: NTC-Orlando

ASTM D-2937
Standard Test Method for Density of Soil in Place by the Drive-Cylinder Method

Sample Number:	NTCGTI2500A
Description of Soil:	Grey to Brown Quartz Fine Sand
Wet Density (g/cm^3):	1.70
Dry Density (g/cm^3):	1.58
Dry Density (lb/ft^3):	**98.9**
Water Content (%):	7.3

Notes:

6/15/92
James A. Flaig, P.E. #21083

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Client: Brown & Root Environmental

Project: NTC-Orlando

ASTM D-5084
Standard Test Method for Measurement of Hydraulic Conductivity of Saturated Porous Materials Using Flexible Wall Permeameter

Sample Number: NTCGTI2500B

Description of Soil: Lt Grey to Tan Quartz Fine Sand, Trace Root Fibers

Coefficient of Permeability, K_{20} (cm/s): 1.1×10^{-3}
(saturated specimen)

Coefficient of Permeability (m/s): **1.1×10^{-5}**

Notes:

8/8/97
James J. Flaig, P.E. #21083

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Client: Brown & Root Environmental

Project: NTC-Orlando

ASTM D-2937
Standard Test Method for Density of Soil in Place by the Drive-Cylinder Method

Sample Number:	NTCGTI2500B
Description of Soil:	Lt Grey to Tan Quzrtz Fine Sand, Trace Root Fibers
Wet Density (g/cm^3):	1.78
Dry Density (g/cm^3):	1.65
Dry Density (lb/ft^3):	**102.7**
Water Content (%):	8.2

Notes:

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REPORT OF MAXIMUM DENSITY OF SOIL

CLIENT BROWN & ROOT ENVIRONMENTAL
PROJECT NTC-ORLANDO — ORDER No. 11044.1
ADDRESS ORLANDO, FL — REPORT No. 23
LAB No. 98171
LOCATION NTC GTI2700 — DATE 8/4/97
TYPE OF TEST ASTM D-698 — SAMPLED BY CONTRACTOR
Visual Description of Material: LT. GRAY QUARTZ FINE SAND, TRACE SILT

Trial Number	Per Cent of Moisture	Dry Density, Pounds Per Cubic Foot
1	9.8	105.7
2	11.7	108.0
3	13.8	105.2
4		

Weight of Mold: 4.40 lbs.

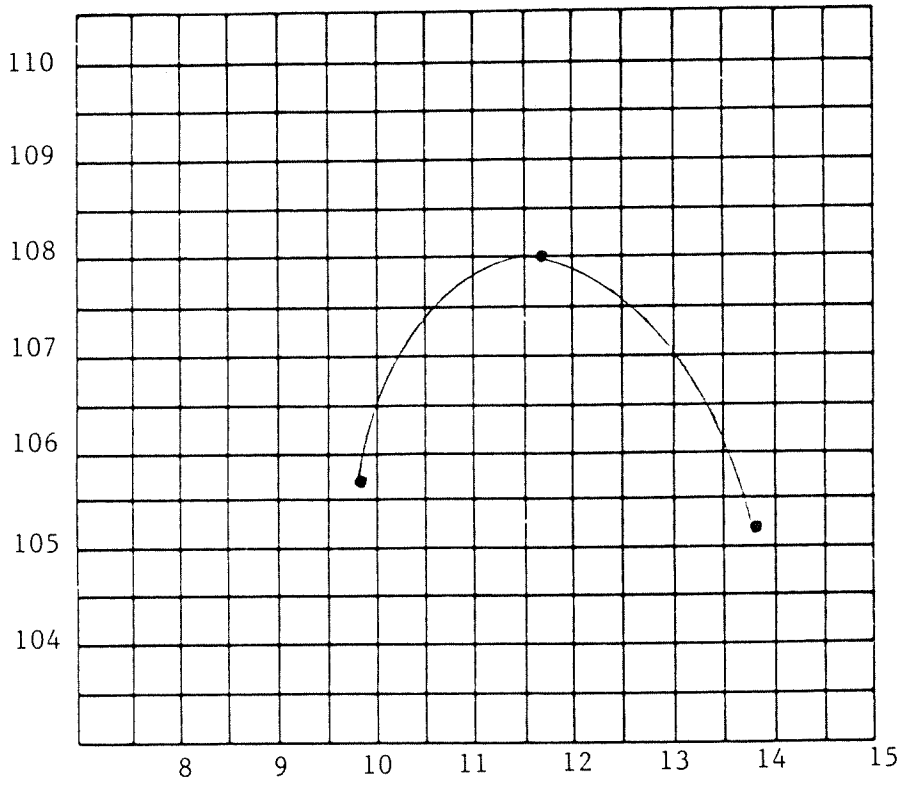
Volume of Mold: 1/30 cu. ft.

Max Dry Density PCF: 108.2

Optimum Moisture %: 11.7

Technician: B. SIVILLI

Remarks:



NUTTING ENGINEERS
OF FLORIDA INC.

By _____ P.E.
JAMES J. FLAIG, #21083

NUTTING ENGINEERS
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ESTABLISHED 1967

Geotechnical & Construction Materials
Hydrogeology & Monitoring Wells
Engineering • Inspection • Testing

Client: Brown & Root Environmental

Project: NTC – Orlando

Location: Orlando, Florida

Sample Number: NTCGTI2700

Description of Soil: Brown Quartz Fine Sand, Trace Silt

ASTM 0-422
Particle Size Analysis of Soil
Hydrometer 152-H, Dispensing Agent NaPo3 4% in 125ml

Sieve Size	Sieve Analysis Passing %
No. 4	100
No. 10	100
No. 40	93.8
No. 200	7.1

Hydrometer Analysis

Sieve Size	% Finer
0.0497mm	6.3
0.0288mm	5.2
0.0178mm	4.2
0.0066mm	2.1
0.0046mm	2.2

James A. Flaig P.E. #21083

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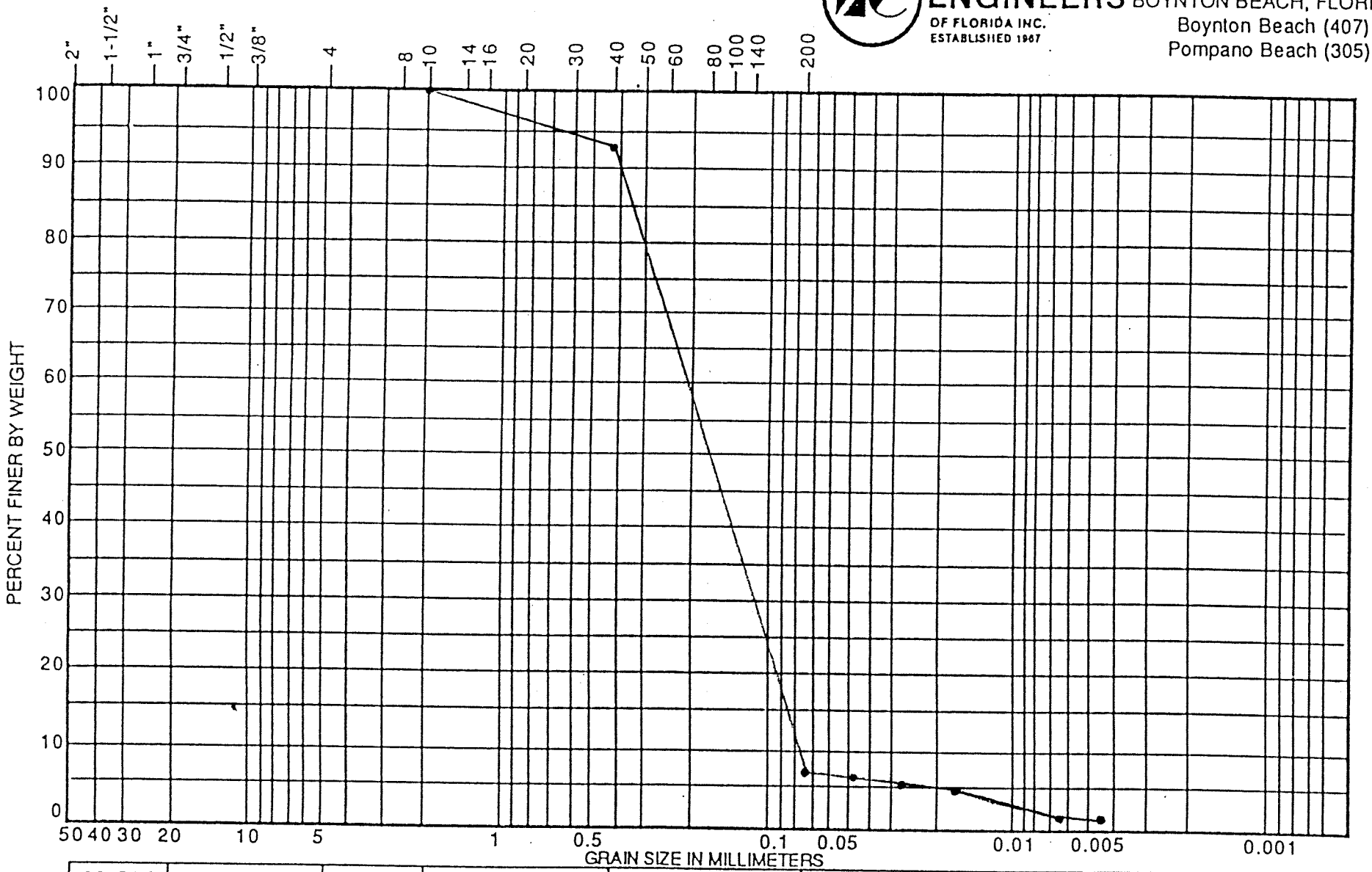

UNIFIED SOIL CLASSIFICATION

PROJECT NTC - ORLANDO BORING NO. OR LOCATION NTCGTI2700

DEPTH N/A MATERIAL DESCRIPTION

GRAIN SIZE DISTRIBUTION PLOT

C-92

NUTTING ENGINEERS
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ESTABLISHED 1967

Geotechnical & Construction Materials
Hydrogeology & Monitoring Wells
Engineering • Inspection • Testing

Client: Brown & Root Environmental

Project: NTC-Orlando

ASTM D-5084
Standard Test Method for Measurement of Hydraulic Conductivity of Saturated Porous Materials Using Flexible Wall Permeameter

Sample Number: NTCGTI2700A

Description of Soil: Brown Quartz Fine Sand

Coefficient of Permeability, K_{20} (cm/s): 2.1×10^{-3}
(saturated specimen)

Coefficient of Permeability (m/s): **2.1×10^{-5}**

Notes:

8/16/97

James J. Haig, P.E. #21083

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Client: Brown & Root Environmental

Project: NTC-Orlando

ASTM D-2937
Standard Test Method for Density of Soil in Place by the Drive-Cylinder Method

Sample Number:	NTCGTI2700A
Description of Soil:	Brown Quartz Fine Sand
Wet Density (g/cm^3):	1.84
Dry Density (g/cm^3):	1.69
Dry Density (lb/ft^3):	**105.7**
Water Content (%):	8.7

Notes:

James V. Flaig, P.E. #21083

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Client: Brown & Root Environmental

Project: NTC-Orlando

ASTM D-5084
Standard Test Method for Measurement of Hydraulic Conductivity of Saturated Porous Materials Using Flexible Wall Permeameter

Sample Number: NTCGTI2700B

Description of Soil: Brown Quartz Fine Sand

Coefficient of Permeability, K_{20} (cm/s): 1.9×10^{-3}
(saturated specimen)

Coefficient of Permeability (m/s): **1.9×10^{-5}**

Notes:

James J. Flaig, P.E. #21083

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Client: Brown & Root Environmental

Project: NTC-Orlando

ASTM D-2937
Standard Test Method for Density of Soil in Place by the Drive-Cylinder Method

Sample Number:	NTCGTI2700B
Description of Soil:	Brown Quartz Fine Sand
Wet Density (g/cm^3):	1.87
Dry Density (g/cm^3):	1.71
Dry Density (lb/ft^3):	**107.0**
Water Content (%):	9.1

Notes:

James J. Craig, P.E. #21083

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ESTABLISHED 1967

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(561) 737-9975

REPORT OF MAXIMUM DENSITY OF SOIL

CLIENT BROWN & ROOT ENVIRONMENTAL

PROJECT NTC - ORLANDO, ORDER No. 11044.1

ADDRESS ORLANDO, FL REPORT No. 7

LAB No. 98171

LOCATION NTC GTI3000 DATE 7-28-97

TYPE OF TEST ASTM D-698 SAMPLED BY CONTRACTOR

Visual Description of Material: DARK BROWN QUARTZ FINE SAND, TRACE OF SILT

Trial Number	Per Cent of Moisture	Dry Density, Pounds Per Cubic Foot
1	9.7	101.3
2	11.8	102.0
3	13.9	99.6
4		

Weight of Mold: 4.40 lbs.

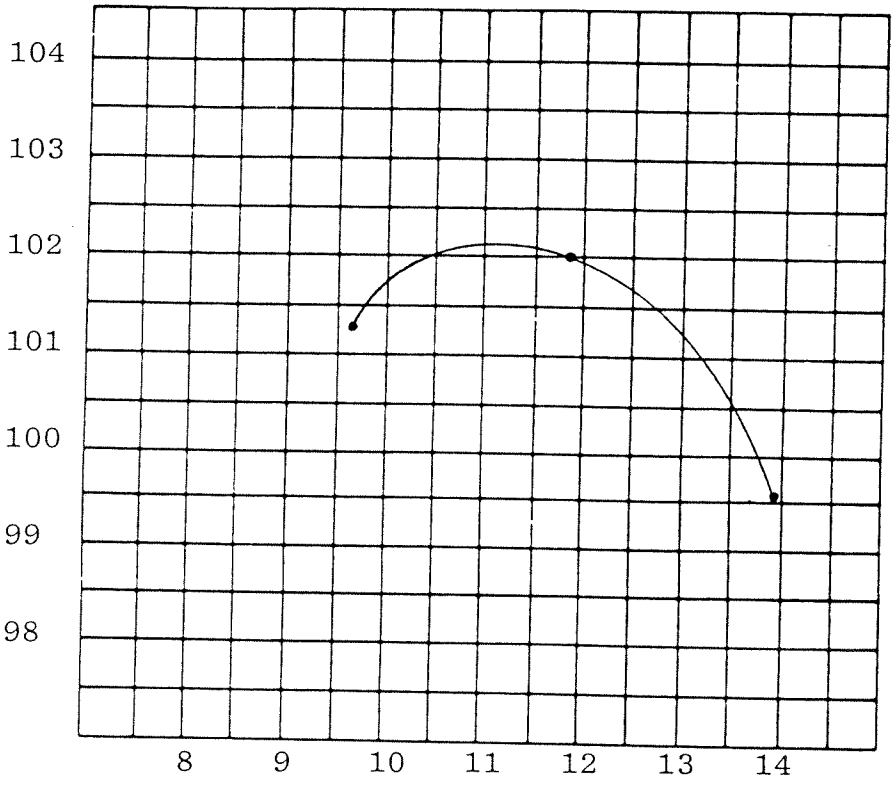
Volume of Mold: 1/30 cu. ft.

Max Dry Density PCF: 102.1

Optimum Moisture %: 11.2

Technician: B. SIVILLI

Remarks:



NUTTING ENGINEERS
OF FLORIDA INC.

By 7/28/97 P.E.
JAMES W. FLAIG, #21083

NUTTING ENGINEERS
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Hydrogeology & Monitoring Wells
Engineering • Inspection • Testing

Client: Brown & Root Environmental

Project: NTC – Orlando

Location: Orlando, Florida

Sample Number: NTCGTI3000

Description of Soil: Brown Quartz Fine Sand, Trace Silt

ASTM 0-422
Particle Size Analysis of Soil
Hydrometer 152-H, Dispensing Agent NaPo3 4% in 125ml

Sieve Size	Sieve Analysis Passing %
No. 4	100
No. 10	100
No. 40	96.0
No. 200	12.4

Hydrometer Analysis

Sieve Size	% Finer
0.0510mm	11.5
0.0365mm	7.5
0.0212mm	5.5
0.0096mm	2.4
0.0048mm	1.4

James J. Flaig P.E. #21083

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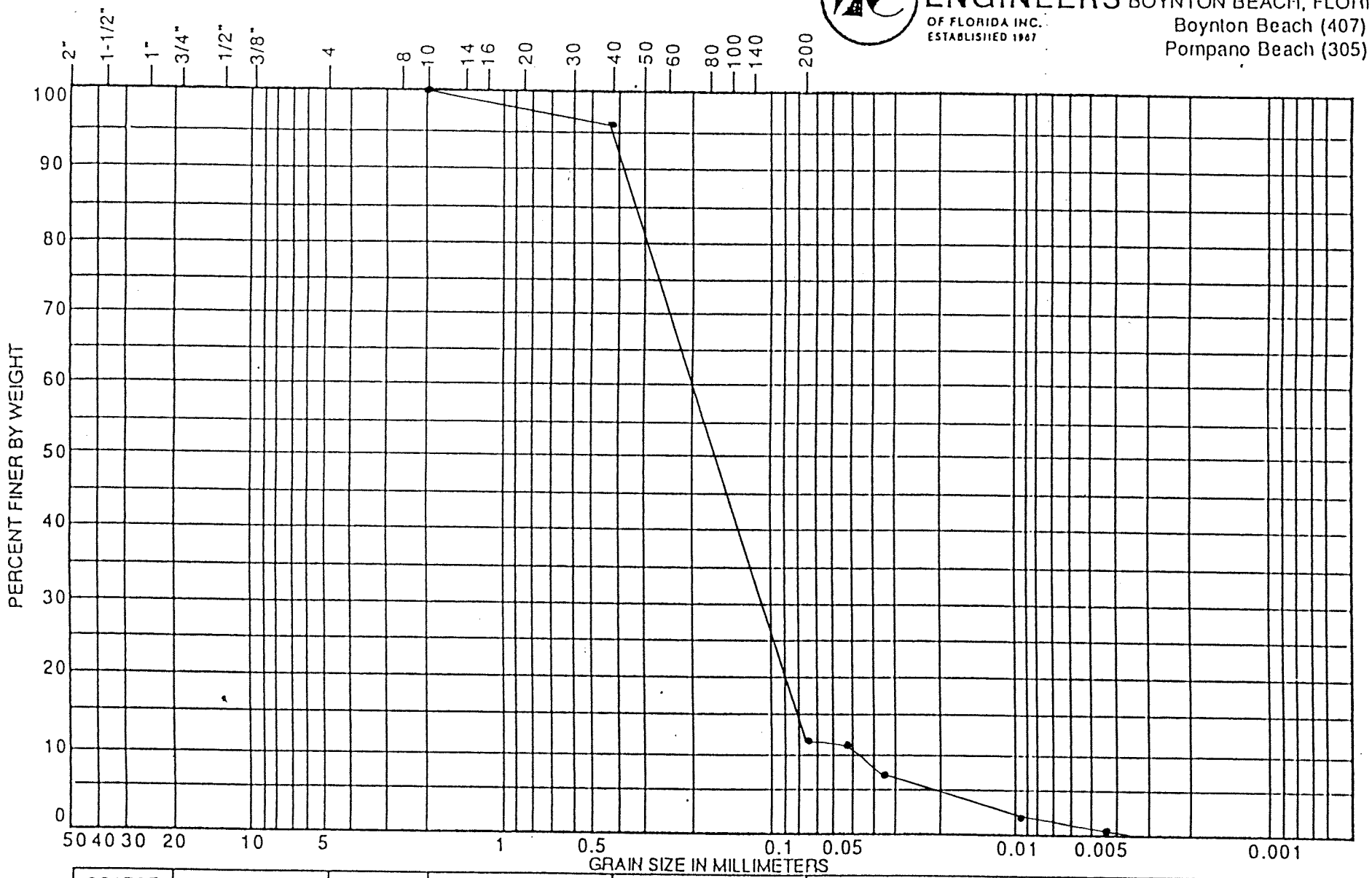

UNIFIED SOIL CLASSIFICATION

PROJECT NTC - ORLANDO BORING NO. OR LOCATION NTCGTI3000

DEPTH N/A MATERIAL DESCRIPTION

C-99

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Geotechnical & Construction Materials
Hydrogeology & Monitoring Wells
Engineering • Inspection • Testing

Client: Brown & Root Environmental

Project: NTC-Orlando

ASTM D-2937
Standard Test Method for Density of Soil in Place by the Drive-Cylinder Method

Sample Number:	NTCGTI3000A
Description of Soil:	Brown Quartz Fine Sand
Wet Density (g/cm^3):	1.80
Dry Density (g/cm^3):	1.58
Dry Density (lb/ft^3):	**98.4**
Water Content (%):	14.2

Notes:

James J. Haig, P.E. #21083

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Client: Brown & Root Environmental

Project: NTC-Orlando

ASTM D-2937
Standard Test Method for Density of Soil in Place by the Drive-Cylinder Method

Sample Number:	NTCGTI3000B
Description of Soil:	Grey to Brown Quartz Fine Sand
Wet Density (g/cm^3):	1.74
Dry Density (g/cm^3):	1.52
Dry Density (lb/ft^3):	**95.0**
Water Content (%):	14.4

Notes:

James A. Flaig, P.E. #21083

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Client: Brown & Root Environmental

Project: NTC – Orlando

Location: Orlando, Florida

Sample Number: NTCGTI3900

Description of Soil: Brown Quartz Fine Sand, Trace Silt

ASTM 0-422
Particle Size Analysis of Soil
Hydrometer 152-H, Dispensing Agent NaPo3 4% in 125ml

Sieve Size	Sieve Analysis Passing %
No. 4	100
No. 10	100
No. 40	93.8
No. 200	10.3

Hydrometer Analysis

Sieve Size	% Finer
0.0507mm	10.1
0.0255mm	8.1
0.0182mm	4.1
0.0095mm	2.0

James V. Craig P.E. #21083

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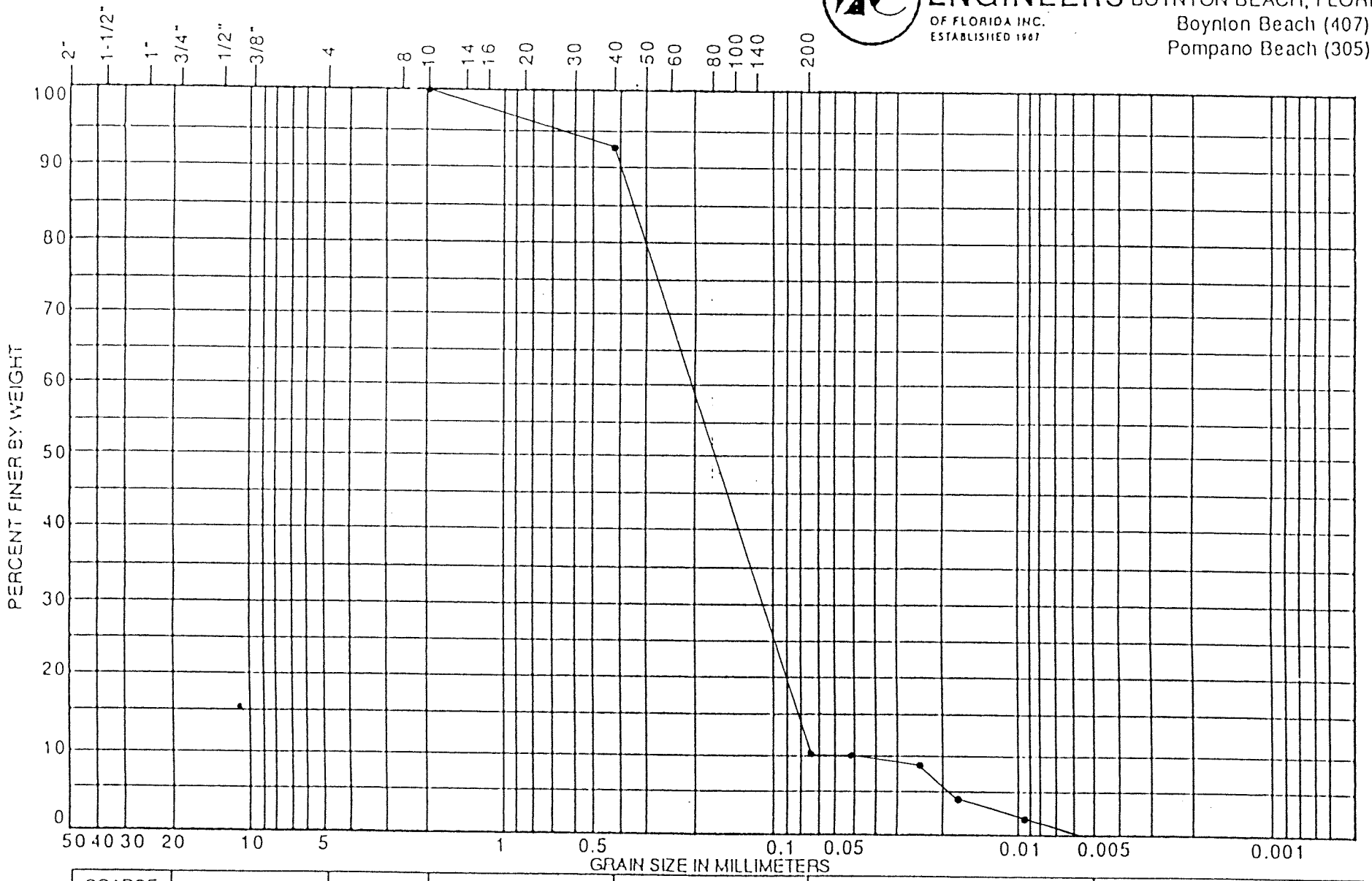

UNIFIED SOIL CLASSIFICATION

PROJECT NTC - ORLANDO BORING NO. OR LOCATION NTCGTI3900

DEPTH N/A MATERIAL DESCRIPTION

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Client: Brown & Root Environmental

Project: NTC-Orlando

ASTM D-5084
Standard Test Method for Measurement of Hydraulic Conductivity of Saturated Porous Materials Using Flexible Wall Permeameter

Sample Number: NTCGTI3900A

Description of Soil: Brown Quartz Fine Sand

Coefficient of Permeability, K_{20} (cm/s): 3.2×10^{-4}
(saturated specimen)

Coefficient of Permeability (m/s): **3.2×10^{-6}**

Notes:

James A. Plaig, P.E. #21083

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Client: Brown & Root Environmental

Project: NTC-Orlando

ASTM D-2937
Standard Test Method for Density of Soil in Place by the Drive-Cylinder Method

Sample Number:	NTCGTI3900A
Description of Soil:	Brown Quartz Fine Sand
Wet Density (g/cm^3):	1.98
Dry Density (g/cm^3):	1.68
Dry Density (lb/ft^3):	**104.6**
Water Content (%):	18.2

Notes:

James J. Flug, P.E. #21083

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Client: Brown & Root Environmental

Project: NTC-Orlando

ASTM D-5084
Standard Test Method for Measurement of Hydraulic Conductivity of Saturated Porous Materials Using Flexible Wall Permeameter

Sample Number: NTCGTI3900B

Description of Soil: Brown to Tan Quartz Fine Sand

Coefficient of Permeability, K_{20} (cm/s): 6.7×10^{-4}
(saturated specimen)

Coefficient of Permeability (m/s): **6.7×10^{-6}**

Notes:

8/15/97
James J. Flaig, P.E. #21083

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Client: Brown & Root Environmental

Project: NTC-Orlando

ASTM D-2937
Standard Test Method for Density of Soil in Place by the Drive-Cylinder Method

Sample Number:	NTCGTI3900B
Description of Soil:	Brown to Tan Quartz Fine Sand
Wet Density (g/cm^3):	1.99
Dry Density (g/cm^3):	1.79
Dry Density (lb/ft^3):	**111.9**
Water Content (%):	11.0

Notes:

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Client: Brown & Root Environmental

Project: NTC-Orlando

ASTM D-5084
Standard Test Method for Measurement of Hydraulic Conductivity of Saturated Porous Materials Using Flexible Wall Permeameter

Sample Number: NTCGTI5200A

Description of Soil: Tan Quartz Fine Sand

Coefficient of Permeability, K_{20} (cm/s): 1.2×10^{-3}
(saturated specimen)

Coefficient of Permeability (m/s): **1.2×10^{-5}**

Notes:

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Client: Brown & Root Environmental

Project: NTC-Orlando

ASTM D-2937
Standard Test Method for Density of Soil in Place by the Drive-Cylinder Method

Sample Number:	NTCGTI5200A
Description of Soil:	Tan to Brown Quartz Fine Sand
Wet Density (g/cm^3):	1.78
Dry Density (g/cm^3):	1.65
Dry Density (lb/ft^3):	**103.3**
Water Content (%):	7.6

Notes:

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Client: Brown & Root Environmental

Project: NTC-Orlando

ASTM D-5084
Standard Test Method for Measurement of Hydraulic Conductivity of Saturated Porous Materials Using Flexible Wall Permeameter

Sample Number: NTCGTI5200B

Description of Soil: Lt Tan to Brown Quartz Fine Sand

Coefficient of Permeability, K_{20} (cm/s): 4.4×10^{-4}
(saturated specimen)

Coefficient of Permeability (m/s): **4.4×10^{-6}**

Notes:

8/5/97
James J. Flaig, P.E. #21083

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Client: Brown & Root Environmental

Project: NTC-Orlando

ASTM D-2937
Standard Test Method for Density of Soil in Place by the Drive-Cylinder Method

Sample Number:	NTCGTI5200B
Description of Soil:	Lt Tan to Brown Quartz Fine Sand
Wet Density (g/cm^3):	1.91
Dry Density (g/cm^3):	1.70
Dry Density (lb/ft^3):	**106.1**
Water Content (%):	12.4

Notes:

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REPORT OF MAXIMUM DENSITY OF SOIL

CLIENT BROWN & ROOT ENVIRONMENTAL
PROJECT NTC-ORLANDO
ADDRESS ORLANDO, FL
LOCATION NTC GTI5600
TYPE OF TEST ASTM D-698
Visual Description of Material: BROWN QUARTZ FINE SAND, TRACE SILT

ORDER No. 11044.1
REPORT No. 24
LAB No. 98171
DATE 8/4/97
SAMPLED BY CONTRACTOR

Trial Number	Per Cent of Moisture	Dry Density, Pounds Per Cubic Foot
1	12.2	105.6
2	14.0	107.9
3	16.0	105.0
4		

Weight of Mold: 4.40 lbs.

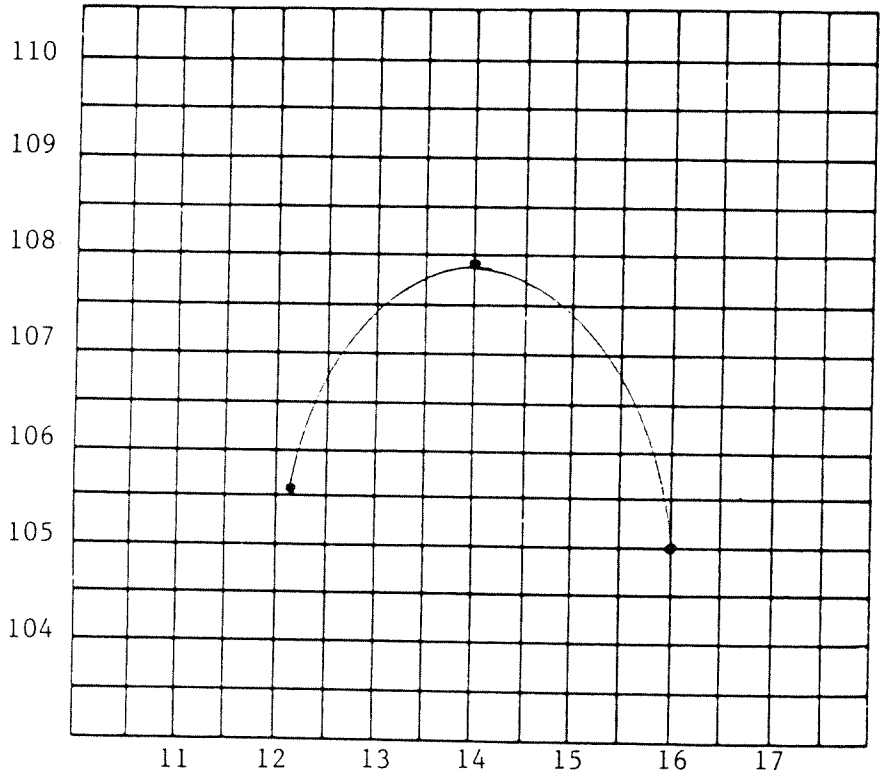
Volume of Mold: 1/30 cu. ft.

Max Dry Density PCF: 107.9

Optimum Moisture %: 14.0

Technician: B. SIVILLI

Remarks:



NUTTING ENGINEERS
OF FLORIDA INC.

By _____ P.E.
JAMES W. FLAIG, #21083

NUTTING ENGINEERS
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ESTABLISHED 1967

Geotechnical & Construction Materials
Hydrogeology & Monitoring Wells
Engineering • Inspection • Testing

Client: Brown & Root Environmental

Project: NTC – Orlando

Location: Orlando, Florida

Sample Number: NTCGTI5600

Description of Soil: Light Brown Quartz Fine Sand, Trace Silt

ASTM 0-422
Particle Size Analysis of Soil
Hydrometer 152-H, Dispensing Agent NaPo3 4% in 125ml

Sieve Size	Sieve Analysis Passing %
No. 4	100
No. 10	100
No. 40	90.6
No. 200	6.9

Hydrometer Analysis

Sieve Size	% Finer
0.0497mm	6.4
0.0288mm	5.4
0.0177mm	4.8
0.0092mm	4.3
0.0046mm	2.1

James F. Flaig P.E. #21083

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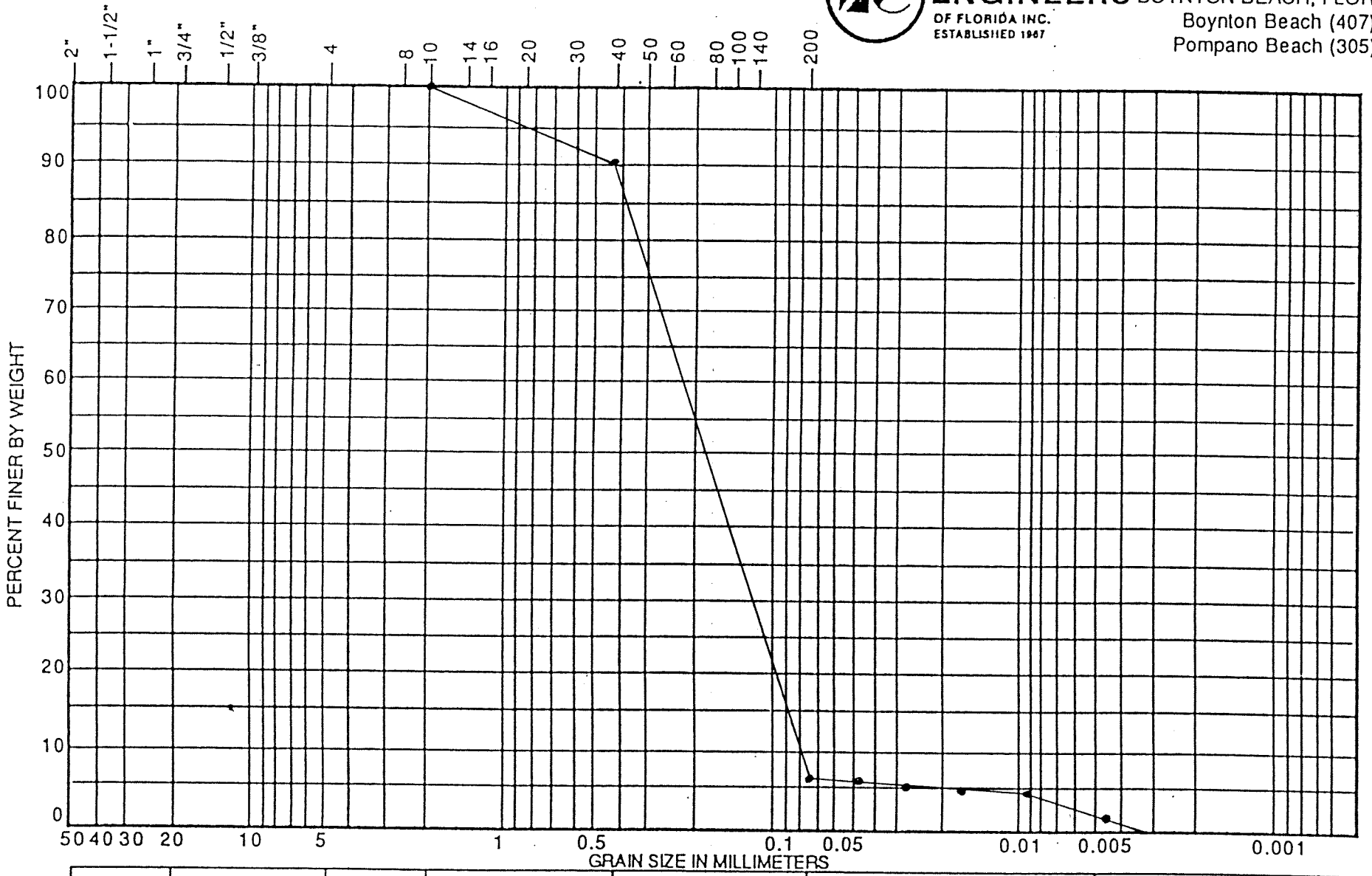

UNIFIED SOIL CLASSIFICATION

PROJECT NTC - ORLANDO BORING NO. OR LOCATION NTCGTI5600

DEPTH N/A MATERIAL DESCRIPTION

GRAIN SIZE DISTRIBUTION PLOT

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ESTABLISHED 1967

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Client: Brown & Root Environmental

Project: NTC-Orlando

ASTM D-5084
Standard Test Method for Measurement of Hydraulic Conductivity of Saturated Porous Materials Using Flexible Wall Permeameter

Sample Number: NTCGTI5600A

Description of Soil: Brown Quartz Fine Sand

Coefficient of Permeability, K_{20} (cm/s): 2.3×10^{-4}
(saturated specimen)

Coefficient of Permeability (m/s): **2.3×10^{-6}**

Notes:

8/15/97
James J. Flaig, P.E. #21083

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Client: Brown & Root Environmental

Project: NTC-Orlando

ASTM D-2937
Standard Test Method for Density of Soil in Place by the Drive-Cylinder Method

Sample Number:	NTCGTI5600A
Description of Soil:	Brown Quartz Fine Sand
Wet Density (g/cm^3):	1.87
Dry Density (g/cm^3):	1.76
Dry Density (lb/ft^3):	**109.9**
Water Content (%):	6.2

Notes:

James J. Haig, P.E. #21083

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Client: Brown & Root Environmental

Project: NTC-Orlando

ASTM D-5084
Standard Test Method for Measurement of Hydraulic Conductivity of Saturated Porous Materials Using Flexible Wall Permeameter

Sample Number: NTCGTI5600B

Description of Soil: Brown Quartz Fine Sand

Coefficient of Permeability, K_{20} (cm/s): 1.1×10^{-3}
(saturated specimen)

Coefficient of Permeability (m/s): **1.1×10^{-5}**

Notes:

8/15/97
James J. Flaig, P.E. #21083

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Client: Brown & Root Environmental

Project: NTC-Orlando

ASTM D-2937
Standard Test Method for Density of Soil in Place by the Drive-Cylinder Method

Sample Number:	NTCGTI5600B
Description of Soil:	Brown Quartz Fine Sand
Wet Density (g/cm^3):	1.48
Dry Density (g/cm^3):	1.35
Dry Density (lb/ft^3):	**84.5**
Water Content (%):	9.4

Notes:

James J. Flaig, P.E. #21083

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REPORT OF MAXIMUM DENSITY OF SOIL

CLIENT BROWN & ROOT ENVIRONMENTAL
PROJECT NTC-ORLANDO — ORDER No. 11044.1
ADDRESS ORLANDO, FL — REPORT No. 25
LAB No. 98171
LOCATION NTC GTI5800 — DATE 8/11/97
TYPE OF TEST ASTM D-698 — SAMPLED BY CONTRACTOR
Visual Description of Material: LT. BROWN QUARTZ FINE SAND, TRACE SILT

Trial Number	Per Cent of Moisture	Dry Density, Pounds Per Cubic Foot
1	7.1	108.4
2	9.0	108.7
3	11.3	108.4
4	13.4	105.8

Weight of Mold: 4.40 lbs.

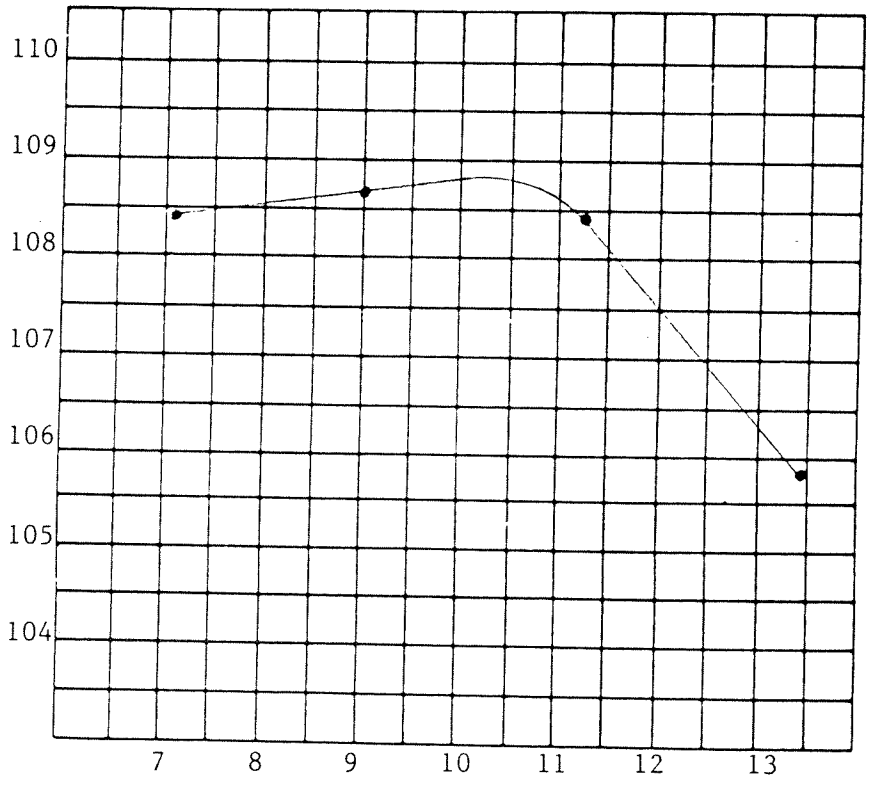
Volume of Mold: 1/30 cu. ft.

Max Dry Density PCF: 108.8

Optimum Moisture %: 10.2

Technician: B. SIVILLI

Remarks:



NUTTING ENGINEERS
OF FLORIDA INC.

By _____ P.E.
JAMES J. FLAIG, #21083

NUTTING ENGINEERS
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ESTABLISHED 1967

Geotechnical & Construction Materials
Hydrogeology & Monitoring Wells
Engineering • Inspection • Testing

Client: Brown & Root Environmental

Project: NTC – Orlando

Location: Orlando, Florida

Sample Number: NTCGTI5800

Description of Soil: Light Brown Quartz Fine Sand, Trace Silt

ASTM 0-422
Particle Size Analysis of Soil
Hydrometer 152-H, Dispensing Agent NaPo3 4% in 125ml

Sieve Size	Sieve Analysis Passing %
No. 4	100
No. 10	100
No. 40	92.9
No. 200	7.0

Hydrometer Analysis

Sieve Size	% Finer
0.0352mm	12.1
0.0250mm	10.1
0.0092mm	9.1
0.0046mm	8.1

James J. Flaig P.E. #21083

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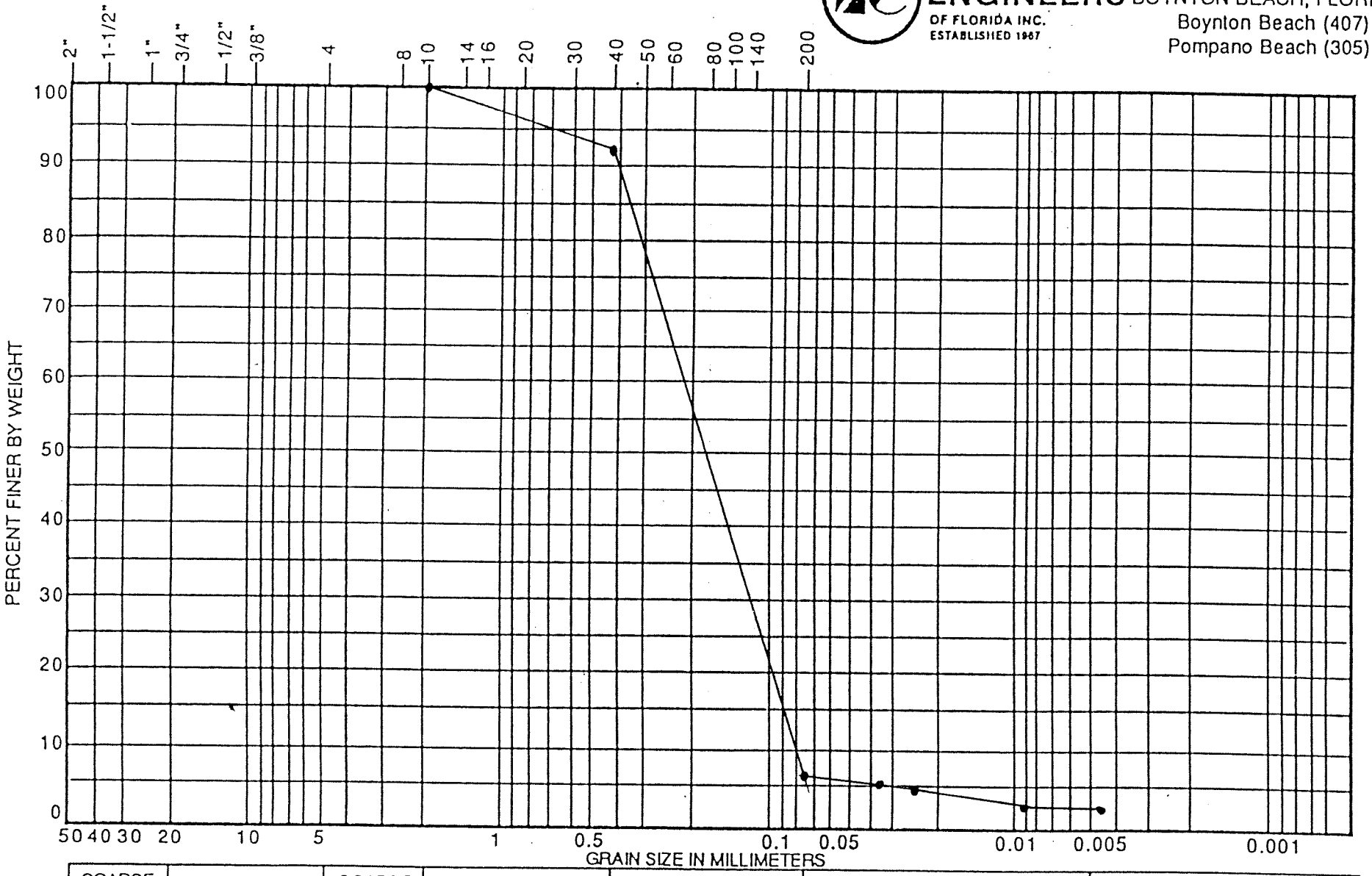

UNIFIED SOIL CLASSIFICATION

PROJECT NTC - ORLANDO BORING NO. OR LOCATION NTCGTI5800

DEPTH N/A MATERIAL DESCRIPTION

NUTTING ENGINEERS
OF FLORIDA INC.
ESTABLISHED 1967

Geotechnical & Construction Materials
Hydrogeology & Monitoring Wells
Engineering • Inspection • Testing

Client: Brown & Root Environmental

Project: NTC-Orlando

ASTM D-5084
Standard Test Method for Measurement of Hydraulic Conductivity of Saturated Porous Materials Using Flexible Wall Permeameter

Sample Number: NTCGTI5800A

Description of Soil: Grey to Brown Quartz fine Sand, Trace Colloidal Organics

Coefficient of Permeability, K_{20} (cm/s): 1.1×10^{-4}
(saturated specimen)

Coefficient of Permeability (m/s): **1.1×10^{-6}**

Notes:

James J. Flaig, P.E. #21083

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Engineering • Inspection • Testing

Client: Brown & Root Environmental

Project: NTC-Orlando

ASTM D-2937
Standard Test Method for Density of Soil in Place by the Drive-Cylinder Method

Sample Number:	NTCGTI5800A
Description of Soil:	Grey to Brown Quartz Fine Sand, Trace Colloidal Organics
Wet Density (g/cm^3):	1.87
Dry Density (g/cm^3):	1.76
Dry Density (lb/ft^3):	**109.6**
Water Content (%):	6.5

Notes:

James J. Flaig, P.E. #21083

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Geotechnical & Construction Materials
Hydrogeology & Monitoring Wells
Engineering • Inspection • Testing

Client: Brown & Root Environmental

Project: NTC-Orlando

ASTM D-5084
Standard Test Method for Measurement of Hydraulic Conductivity of Saturated Porous Materials Using Flexible Wall Permeameter

Sample Number: NTCGTI5800B

Description of Soil: Brown Quartz Fine Sand, Trace Colloidal Organics

Coefficient of Permeability, K_{20} (cm/s): 7.3×10^{-4}
(saturated specimen)

Coefficient of Permeability (m/s): **7.3×10^{-6}**

Notes: Piece of root found in sample after completion of test

James J. Flaig, P.E. #21083

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Geotechnical & Construction Materials
Hydrogeology & Monitoring Wells
Engineering • Inspection • Testing

Client: Brown & Root Environmental

Project: NTC-Orlando

ASTM D-2937
Standard Test Method for Density of Soil in Place by the Drive-Cylinder Method

Sample Number:	NTCGTI5800B
Description of Soil:	Brown Quartz Fine Sand, Trace Colloidal Organics
Wet Density (g/cm^3):	1.67
Dry Density (g/cm^3):	1.54
Dry Density (lb/ft^3):	**95.9**
Water Content (%):	8.7

Notes:

James J. Flaig, P.E. #21083

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REPORT OF MAXIMUM DENSITY OF SOIL

CLIENT BROWN & ROOT ENVIRONMENTAL
PROJECT NTC-ORLANDO
ADDRESS ORLANDO, FL
LOCATION NTC GTI6000
TYPE OF TEST ASTM D-698
Visual Description of Material: BROWN QUARTZ FINE SAND

ORDER No. 11044.1
REPORT No. 26
LAB No. 98171
DATE 8/4/97
SAMPLED BY CONTRACTOR

Trial Number	Per Cent of Moisture	Dry Density, Pounds Per Cubic Foot
1	8.4	112.6
2	10.5	114.3
3	12.8	109.0
4		

Weight of Mold: 4.40 lbs.

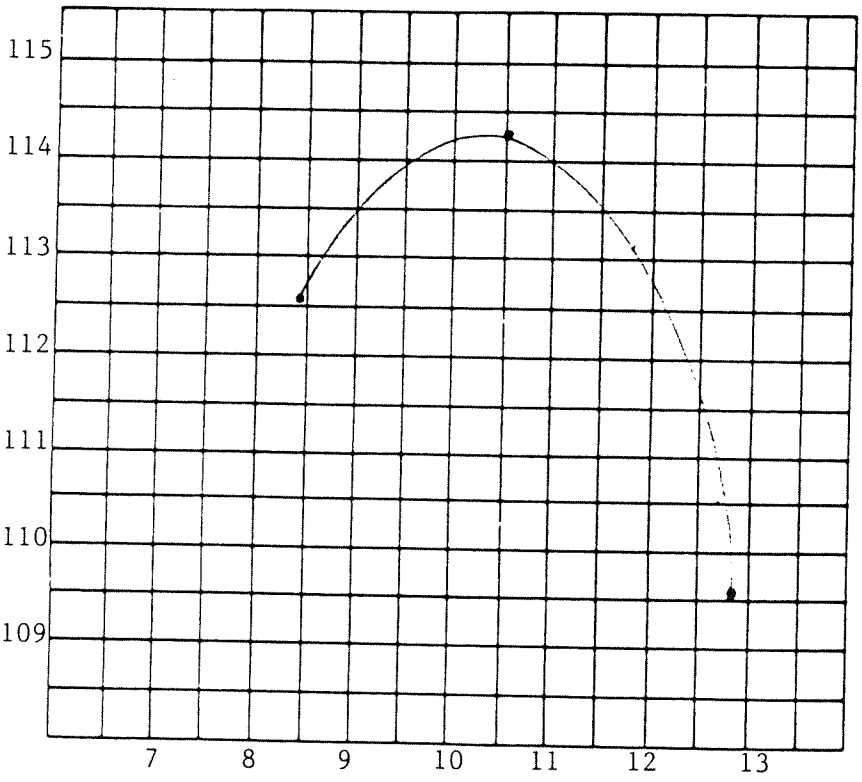
Volume of Mold: 1/30 cu. ft.

Max Dry Density PCF: 114.3

Optimum Moisture %: 10.3

Technician: B. SIVILLI

Remarks:



NUTTING ENGINEERS
OF FLORIDA INC.

By _____ P.E.
JAMES J. FLAIG, #21083

NUTTING ENGINEERS
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ESTABLISHED 1967

Geotechnical & Construction Materials
Hydrogeology & Monitoring Wells
Engineering • Inspection • Testing

Client: Brown & Root Environmental

Project: NTC – Orlando

Location: Orlando, Florida

Sample Number: NTCGTI6000

Description of Soil: Light Tan Quartz Fine Sand, Trace Silt

ASTM 0-422
Particle Size Analysis of Soil
Hydrometer 152-H, Dispensing Agent NaPo3 4% in 125ml

Sieve Size	Sieve Analysis Passing %
No. 4	100
No. 10	100
No. 40	81.0
No. 200	6.1

Hydrometer Analysis

Sieve Size	% Finer
0.0496mm	5.6
0.0223mm	5.1
0.0129mm	5.1
0.0065mm	3.5
0.0015mm	3.0

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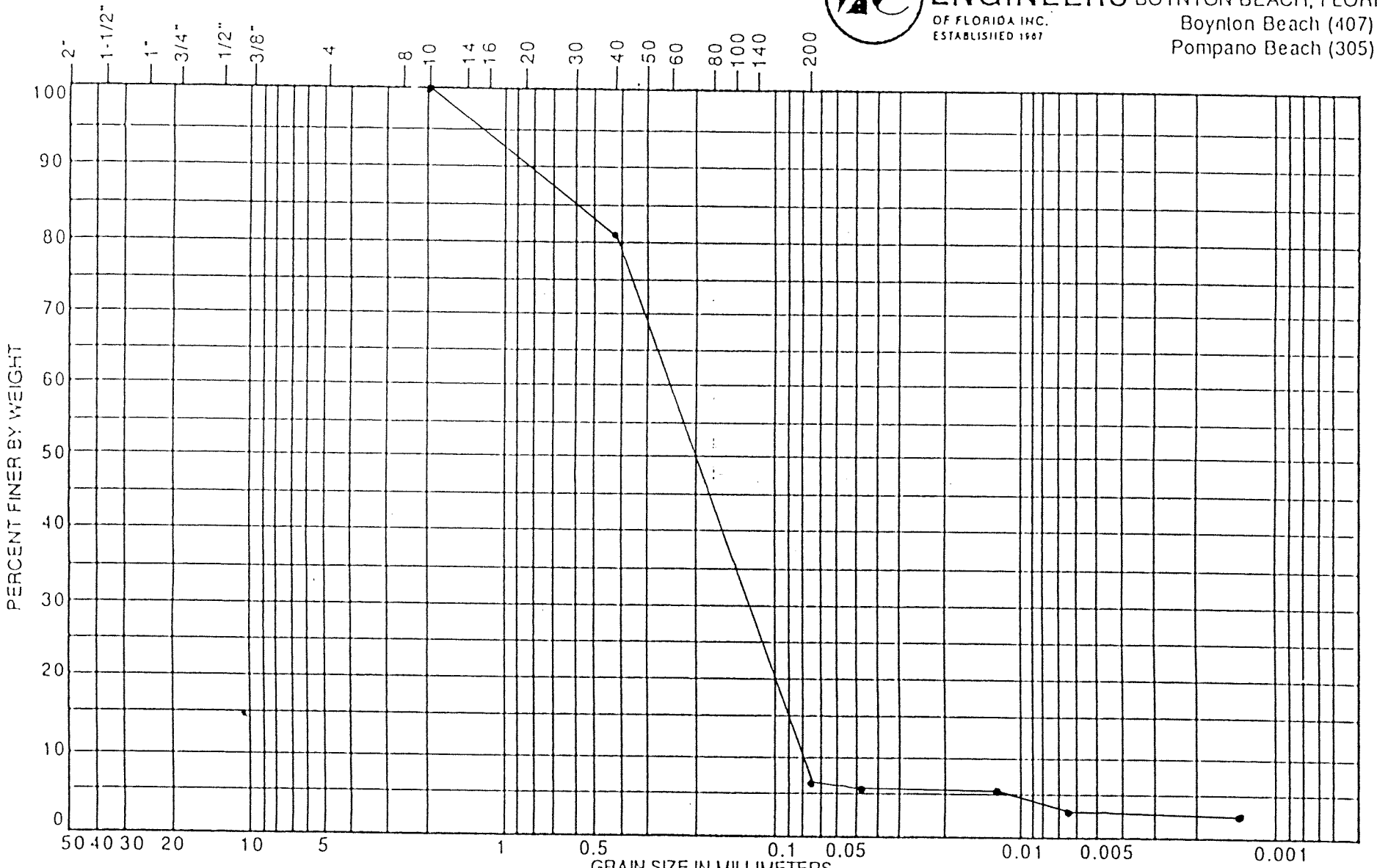
C-128



UNIFIED SOIL CLASSIFICATION

PROJECT NTC - ORLANDO BORING NO. OR LOCATION NTCGTI6000

DEPTH N/A MATERIAL DESCRIPTION

NUTTING ENGINEERS
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ESTABLISHED 1967

Geotechnical & Construction Materials
Hydrogeology & Monitoring Wells
Engineering • Inspection • Testing

Client: Brown & Root Environmental

Project: NTC-Orlando

ASTM D-5084
Standard Test Method for Measurement of Hydraulic Conductivity of Saturated Porous Materials Using Flexible Wall Permeameter

Sample Number: NTCGCI6000A

Description of Soil: Brown Quartz Fine Sand

Coefficient of Permeability, K_{20} (cm/s): 2.5×10^{-4}
(saturated specimen)

Coefficient of Permeability (m/s): **2.5×10^{-6}**

Notes:

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Client: Brown & Root Environmental

Project: NTC-Orlando

ASTM D-2937
Standard Test Method for Density of Soil in Place by the Drive-Cylinder Method

Sample Number:	NTCGTI6000A
Description of Soil:	Brown Quartz Fine Sand
Wet Density (g/cm^3):	1.92
Dry Density (g/cm^3):	1.77
Dry Density (lb/ft^3):	**110.4**
Water Content (%):	8.6

Notes:

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Client: Brown & Root Environmental

Project: NTC-Orlando

ASTM D-5084
Standard Test Method for Measurement of Hydraulic Conductivity of Saturated Porous Materials Using Flexible Wall Permeameter

Sample Number: NTCGCI6000B

Description of Soil: Brown Quartz Fine Sand

Coefficient of Permeability, K_{20} (cm/s): 2.7×10^{-4}
(saturated specimen)

Coefficient of Permeability (m/s): **2.7×10^{-6}**

Notes:

8/10/97
James J. Flaig, P.E. #21083

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Client: Brown & Root Environmental

Project: NTC-Orlando

ASTM D-2937
Standard Test Method for Density of Soil in Place by the Drive-Cylinder Method

Sample Number:	NTCGTI6000B
Description of Soil:	Brown Quartz Fine Sand
Wet Density (g/cm^3):	2.01
Dry Density (g/cm^3):	1.85
Dry Density (lb/ft^3):	**115.2**
Water Content (%):	8.9

Notes:

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Client: Brown & Root Environmental

Project: NTC-Orlando

ASTM D-5084
Standard Test Method for Measurement of Hydraulic Conductivity of Saturated Porous Materials Using Flexible Wall Permeameter

Sample Number:	NTCGTI3000A
Description of Soil:	Brown Quartz Fine Sand
Coefficient of Permeability, K_{20} (cm/s): (saturated specimen)	1.1×10^{-3}
Coefficient of Permeability (m/s):	**1.1×10^{-5}**

Notes:

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Client: Brown & Root Environmental

Project: NTC-Orlando

ASTM D-5084
Standard Test Method for Measurement of Hydraulic Conductivity of Saturated Porous Materials Using Flexible Wall Permeameter

Sample Number: NTCGT13000B

Description of Soil: Grey to Brown Quartz Fine Sand

Coefficient of Permeability, K_{20} (cm/s): 1.3×10^{-3}
(saturated specimen)

Coefficient of Permeability (m/s): **1.3×10^{-5}**

Notes:

8/5/97
James V. Flaig, P.E. #21083

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REPORT OF MAXIMUM DENSITY OF SOIL

CLIENT BROWN & ROOT ENVIRONMENTAL

PROJECT NTC - ORLANDO — ORDER No. 11044.1

ADDRESS ORLANDO, FL — REPORT No. 14

LAB No. 98171

LOCATION NTCGTH 0200 — DATE 8-4-97

TYPE OF TEST ASTM D-698 — SAMPLED BY CONTRACTOR

Visual Description of Material: LIGTH BROWN TO GRAY QUARTZ FINE SAND, TRACE OF SILT

Trial Number	Per Cent of Moisture	Dry Density, Pounds Per Cubic Foot
1	9.3	108.7
2	11.4	109.9
3	13.6	107.7
4		

Weight of Mold: 4.40 lbs.

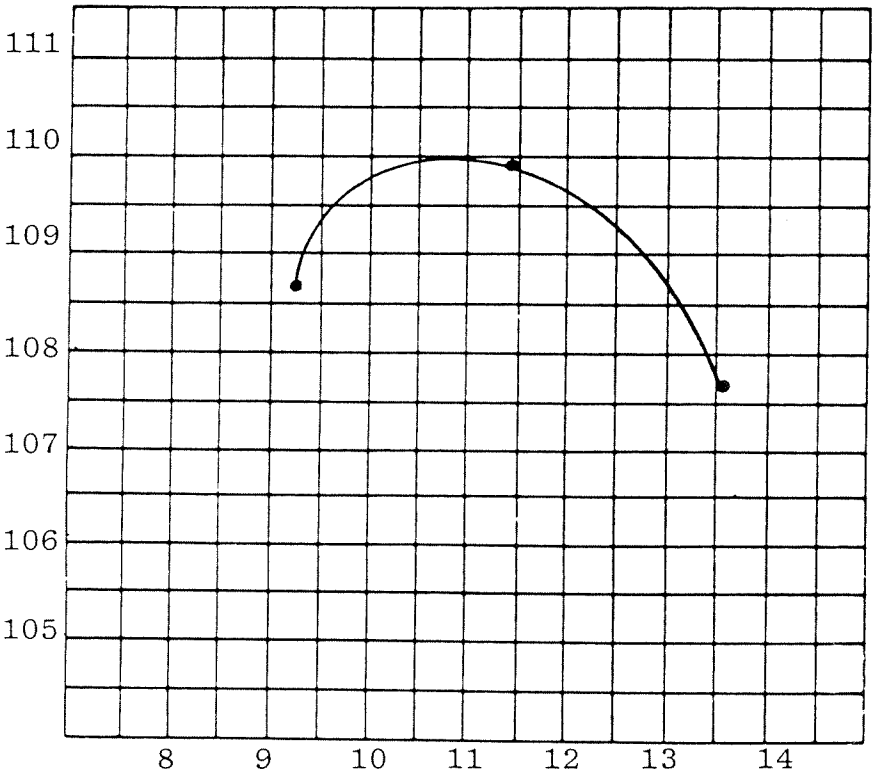
Volume of Mold: 1/30 cu. ft.

Max Dry Density PCF: 110.0

Optimum Moisture %: 10.8

Technician: B. SIVILLI

Remarks:



NUTTING ENGINEER
OF FLORIDA INC.

By _____ P.E.
JAMES J. FLAIG, #21083

NUTTING ENGINEERS
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Geotechnical & Construction Materials
Hydrogeology & Monitoring Wells
Engineering • Inspection • Testing

Client: Brown & Root Environmental

Project: NTC – Orlando

Location: Orlando, Florida

Sample Number: NTCGTH0200

Description of Soil: Brown Quartz Fine Sand, Trace Silt

ASTM 0-422
Particle Size Analysis of Soil
Hydrometer 152-H, Dispensing Agent NaPo3 4% in 125ml

Sieve Size	Sieve Analysis Passing %
No. 4	100
No. 10	100
No. 40	93.9
No. 200	9.1

Hydrometer Analysis

Sieve Size	% Finer
0.0497mm	6.3
0.0250mm	5.2
0.0178mm	4.2
0.0066mm	2.1

James [illegible] Plaig P.E. #21083

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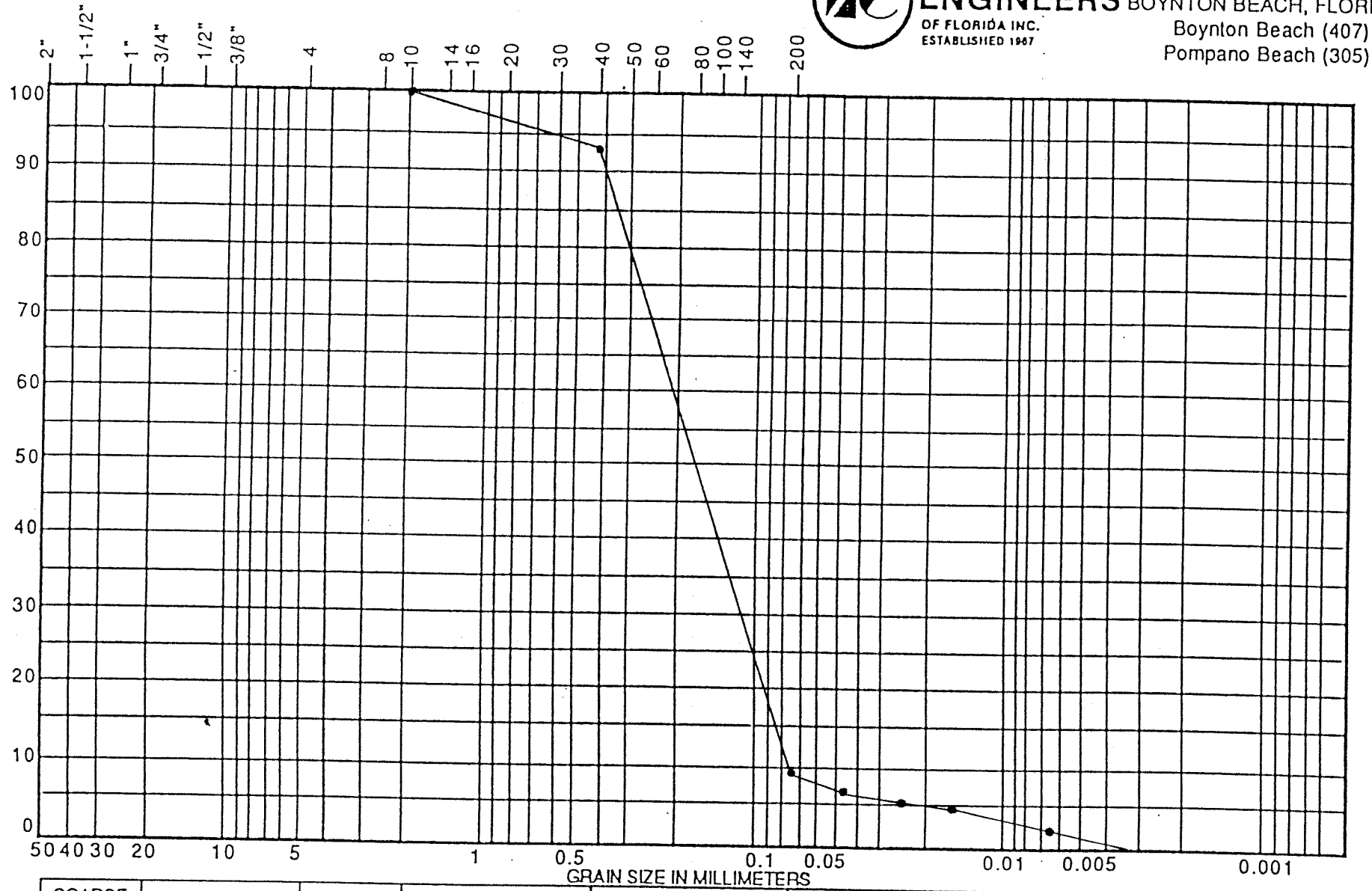

UNIFIED SOIL CLASSIFICATION

PROJECT NTC - ORLANDO BORING NO. OR LOCATION NTCGTH0200

D. H N/A MATERIAL DESCRIPTION

NUTTING ENGINEERS
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ESTABLISHED 1967

Geotechnical & Construction Materials
Hydrogeology & Monitoring Wells
Engineering • Inspection • Testing

Client: Brown & Root Environmental

Project: NTC-Orlando

ASTM D-5084
Standard Test Method for Measurement of Hydraulic Conductivity of Saturated Porous Materials Using Flexible Wall Permeameter

Sample Number: NTCGTH0200A

Description of Soil: Grey to Brown Quartz Fine Sand

Coefficient of Permeability, K_{20} (cm/s): 1.5×10^{-3}
(saturated specimen)

Coefficient of Permeability (m/s): **1.5×10^{-5}**

Notes:

James J. Flaig, P.E. #21083

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ESTABLISHED 1967

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Hydrogeology & Monitoring Wells
Engineering • Inspection • Testing

Client: Brown & Root Environmental

Project: NTC-Orlando

ASTM D-2937
Standard Test Method for Density of Soil in Place by the Drive-Cylinder Method

Sample Number:	NTCGTH0200A
Description of Soil:	Grey to Brown Quartz Fine Sand
Wet Density (g/cm^3):	1.71
Dry Density (g/cm^3):	1.55
Dry Density (lb/ft^3):	**97.0**
Water Content (%):	10.1

Notes:

James J. Haig, P.E. #21083

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Client: Brown & Root Environmental

Project: NTC-Orlando

ASTM D-5084
Standard Test Method for Measurement of Hydraulic Conductivity of Saturated Porous Materials Using Flexible Wall Permeameter

Sample Number: NTCGTH0200B

Description of Soil: Tan to Brown Quartz Fine Sand, Trace Colloidal Organics

Coefficient of Permeability, K_{20} (cm/s): 8.7×10^{-4}
(saturated specimen)

Coefficient of Permeability (m/s): **8.7×10^{-6}**

Notes:

8/5/97

James J. Wang, P.E. #21083

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Client: Brown & Root Environmental

Project: NTC-Orlando

ASTM D-2937
Standard Test Method for Density of Soil in Place by the Drive-Cylinder Method

Sample Number:	NTCGTH0200B
Description of Soil:	Tan to Brown Quartz Fine Sand, Sl Trace Colloidal Organics
Wet Density (g/cm^3):	1.81
Dry Density (g/cm^3):	1.60
Dry Density (lb/ft^3):	**100.2**
Water Content (%):	12.8

Notes:

James J. Craig, P.E. #21083

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REPORT OF MAXIMUM DENSITY OF SOIL

CLIENT BROWN & ROOT ENVIRONMENTAL

PROJECT NTC - ORLANDO ORDER No. 11044.1

ADDRESS ORLANDO, FL REPORT No. 1

LAB No. 98171

LOCATION NTCGTH0500 DATE 7-28-97

TYPE OF TEST ASTM D-698 SAMPLED BY CONTRACTOR

Visual Description of Material: BROWN QUARTZ FINE SAND, TRACE OF SILT

Trial Number	Per Cent of Moisture	Dry Density, Pounds Per Cubic Foot
1	8.6	114.1
2	10.5	115.4
3	12.4	113.8
4		

Weight of Mold: 4.40 lbs.

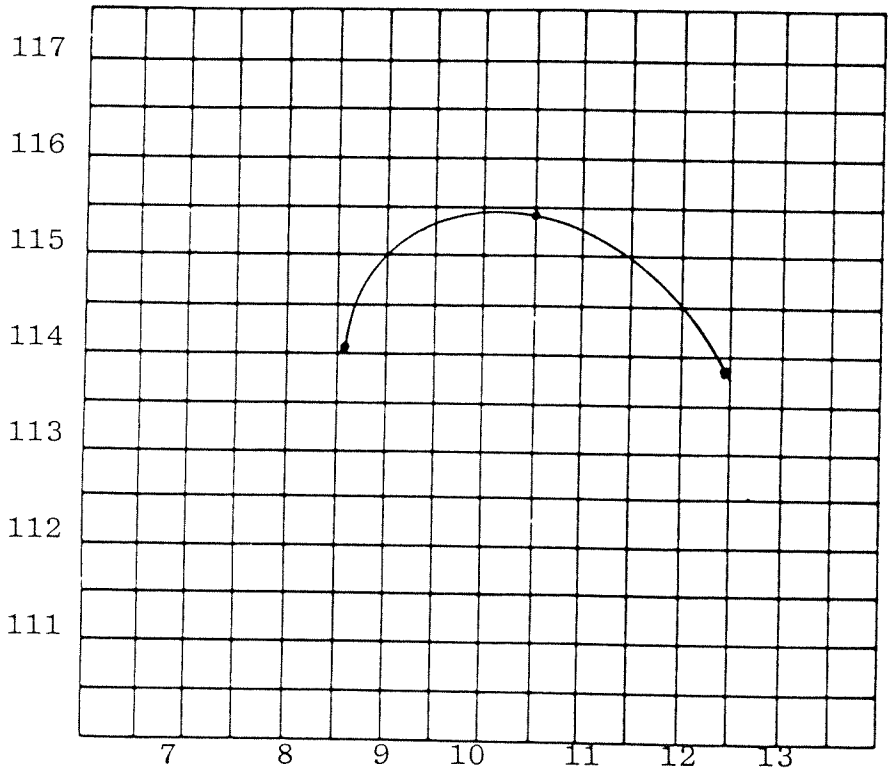
Volume of Mold: 1/30 cu. ft.

Max Dry Density PCF: 115.4

Optimum Moisture %: 10.2

Technician: B. SIVILLI

Remarks:



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By _____ P.E.
JAMES J. FLAIG, #21083

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ESTABLISHED 1967

Geotechnical & Construction Materials
Hydrogeology & Monitoring Wells
Engineering • Inspection • Testing

Client: Brown & Root Environmental

Project: NTC – Orlando

Location: Orlando, Florida

Sample Number: NTCGTH0500

Description of Soil: Light Brown Quartz Fine Sand, Trace Silt

ASTM 0-422
Particle Size Analysis of Soil
Hydrometer 152-H, Dispensing Agent NaPo3 4% in 125ml

Sieve Size	Sieve Analysis Passing %
No. 4	100
No. 10	100
No. 40	94.2
No. 200	11.0

Hydrometer Analysis

Sieve Size	% Finer
0.0481mm	10.5
0.0242mm	9.5
0.0172mm	8.4
0.0127mm	7.4
0.0090mm	6.3
0.0045mm	5.3

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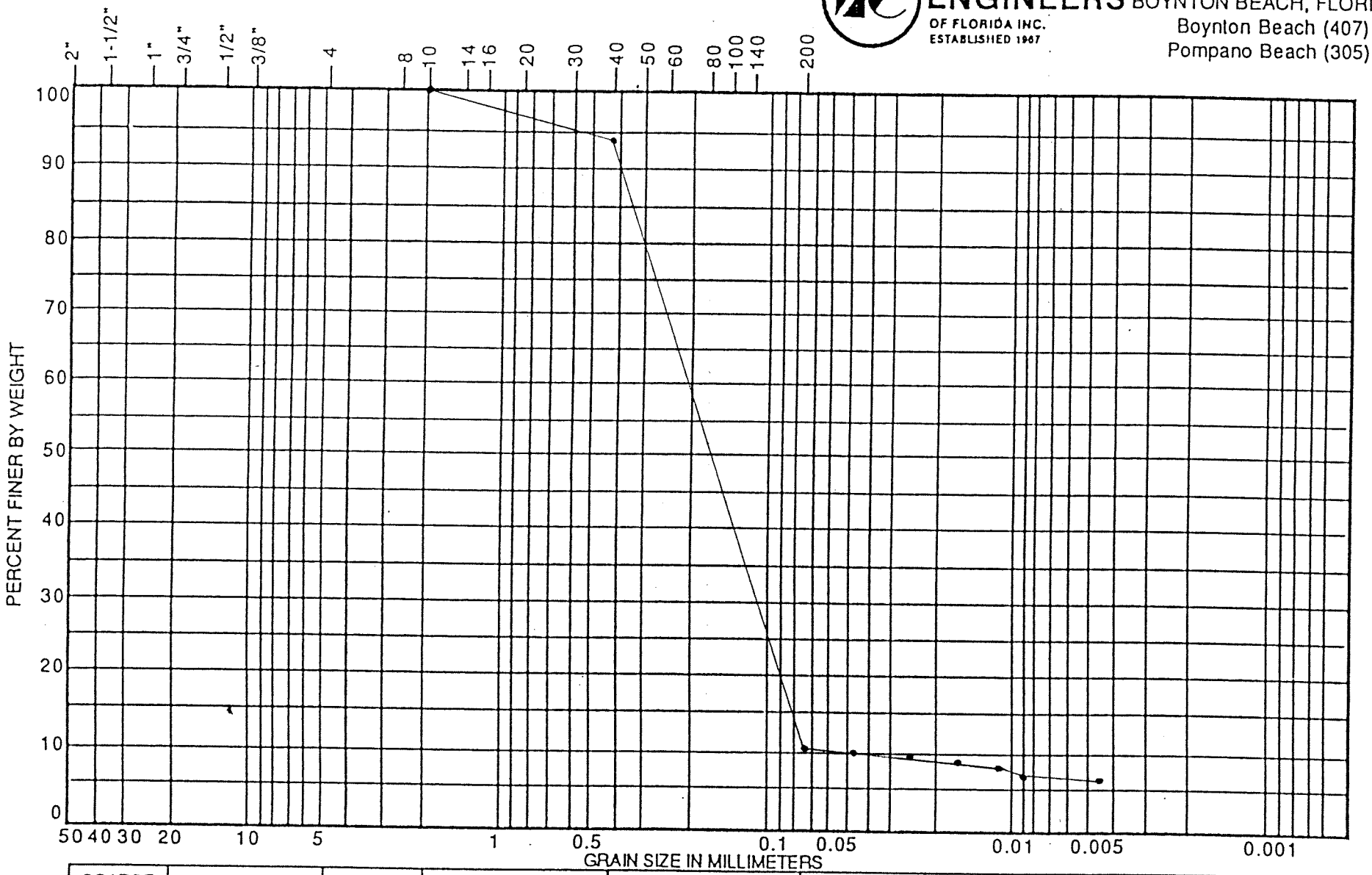

UNIFIED SOIL CLASSIFICATION

PROJECT NTC - ORLANDO BORING NO. OR LOCATION NTCGTH0500

DEPTH N/A MATERIAL DESCRIPTION

GRAIN SIZE DISTRIBUTION PLOT

NUTTING ENGINEERS
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ESTABLISHED 1967

Geotechnical & Construction Materials
Hydrogeology & Monitoring Wells
Engineering • Inspection • Testing

Client: Brown & Root Environmental

Project: NTC-Orlando

ASTM D-5084
Standard Test Method for Measurement of Hydraulic Conductivity of Saturated Porous Materials Using Flexible Wall Permeameter

Sample Number: NTCGTH0500A

Description of Soil: Dk Brown Quartz Fine Sand

Coefficient of Permeability, K_{20} (cm/s): 5.6×10^{-4}
(saturated specimen)

Coefficient of Permeability (m/s): **5.6×10^{-6}**

Notes:

James J. Haig, P.E. #21083

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Client: Brown & Root Environmental

Project: NTC-Orlando

ASTM D-2937
Standard Test Method for Density of Soil in Place by the Drive-Cylinder Method

Sample Number:	NTCGTH0500A
Description of Soil:	Brown Quartz Fine Sand
Wet Density (g/cm^3):	1.89
Dry Density (g/cm^3):	1.67
Dry Density (lb/ft^3):	**104.3**
Water Content (%):	13.1

Notes:

James J. Flaig, P.E. #21083

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Client: Brown & Root Environmental

Project: NTC-Orlando

ASTM D-5084
Standard Test Method for Measurement of Hydraulic Conductivity of Saturated Porous Materials Using Flexible Wall Permeameter

Sample Number: NTCGTH0500B

Description of Soil: Dk Brown Quartz Fine Sand

Coefficient of Permeability, K_{20} (cm/s): 4.6×10^{-4}
(saturated specimen)

Coefficient of Permeability (m/s): **4.6×10^{-6}**

Notes:

James J. Haig, P.E. #21083

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Client: Brown & Root Environmental

Project: NTC-Orlando

ASTM D-2937
Standard Test Method for Density of Soil in Place by the Drive-Cylinder Method

Sample Number:	NTCGTH0500B
Description of Soil:	Brown Quartz Fine Sand
Wet Density (g/cm^3):	1.91
Dry Density (g/cm^3):	1.72
Dry Density (lb/ft^3):	**107.4**
Water Content (%):	11.0

Notes:

James J. Craig, P.E. #21083

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REPORT OF MAXIMUM DENSITY OF SOIL

CLIENT BROWN & ROOT ENVIRONMENTAL
PROJECT NTC - ORLANDO, ORDER No. 11044.1
ADDRESS ORLANDO, FL REPORT No. 13
LAB No. 98171
LOCATION NTCGTH 0900 DATE 7-10-97
TYPE OF TEST ASTM D-698 SAMPLED BY CONTRACTOR
Visual Description of Material: BROWN QUARTZ FINE SAND, TRACE OF SILT

Trial Number	Per Cent of Moisture	Dry Density, Pounds Per Cubic Foot
1	10.1	109.3
2	12.2	111.5
3	14.1	108.3
4		

Weight of Mold: 4.40 lbs.

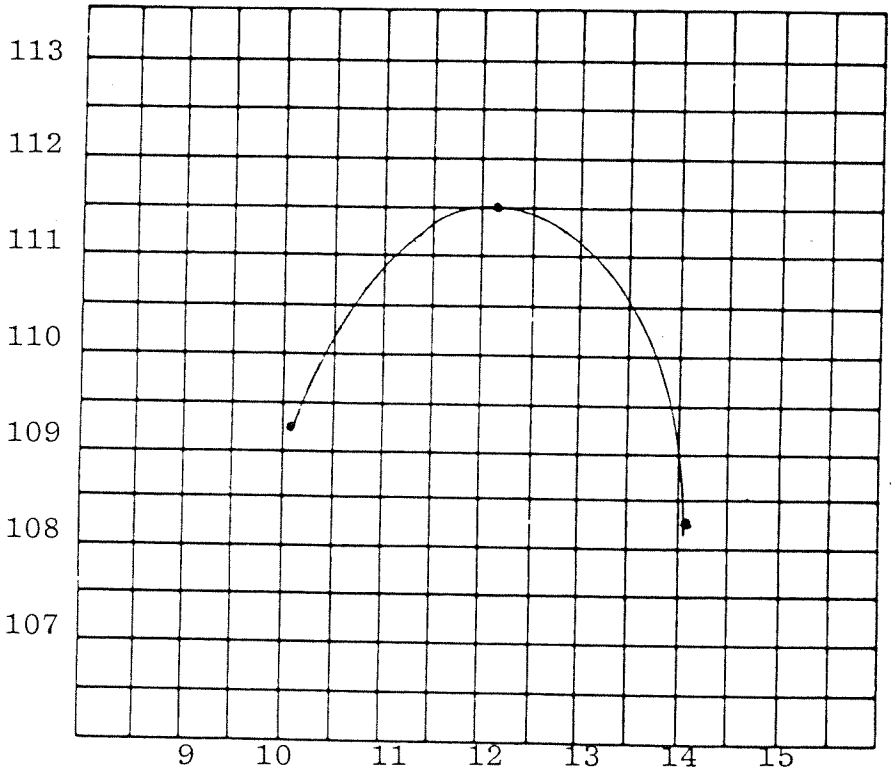
Volume of Mold: 1/30 cu. ft.

Max Dry Density PCF:
111.5

Optimum Moisture %:
12.0

Technician:
B. SIVILLI

Remarks:



NUTTING ENGINEERS
OF FLORIDA INC.

By _____ P.E.
JAMES J. FLAIG, #21083

NUTTING ENGINEERS
OF FLORIDA INC.
ESTABLISHED 1967

Geotechnical & Construction Materials
Hydrogeology & Monitoring Wells
Engineering • Inspection • Testing

Client: Brown & Root Environmental

Project: NTC – Orlando

Location: Orlando, Florida

Sample Number: NTCGTH0900

Description of Soil: Brown Quartz Fine Sand, Trace Silt

ASTM 0-422
Particle Size Analysis of Soil
Hydrometer 152-H, Dispensing Agent NaPo3 4% in 125ml

Sieve Size	Sieve Analysis Passing %
No. 4	100
No. 10	100
No. 40	90.9
No. 200	7.3

Hydrometer Analysis

Sieve Size	% Finer
0.0350mm	5.3
0.0205mm	4.2
0.0160mm	3.2
0.0066mm	2.1

James J. Plaig P.E.#21083

1310 NEPTUNE DRIVE • BOYNTON BEACH, FLORIDA 33426
Boynton Beach (561) 736-4900 • Pompano Beach (954) 941-8700 • Fax (561) 737-9975

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ESTABLISHED 1967
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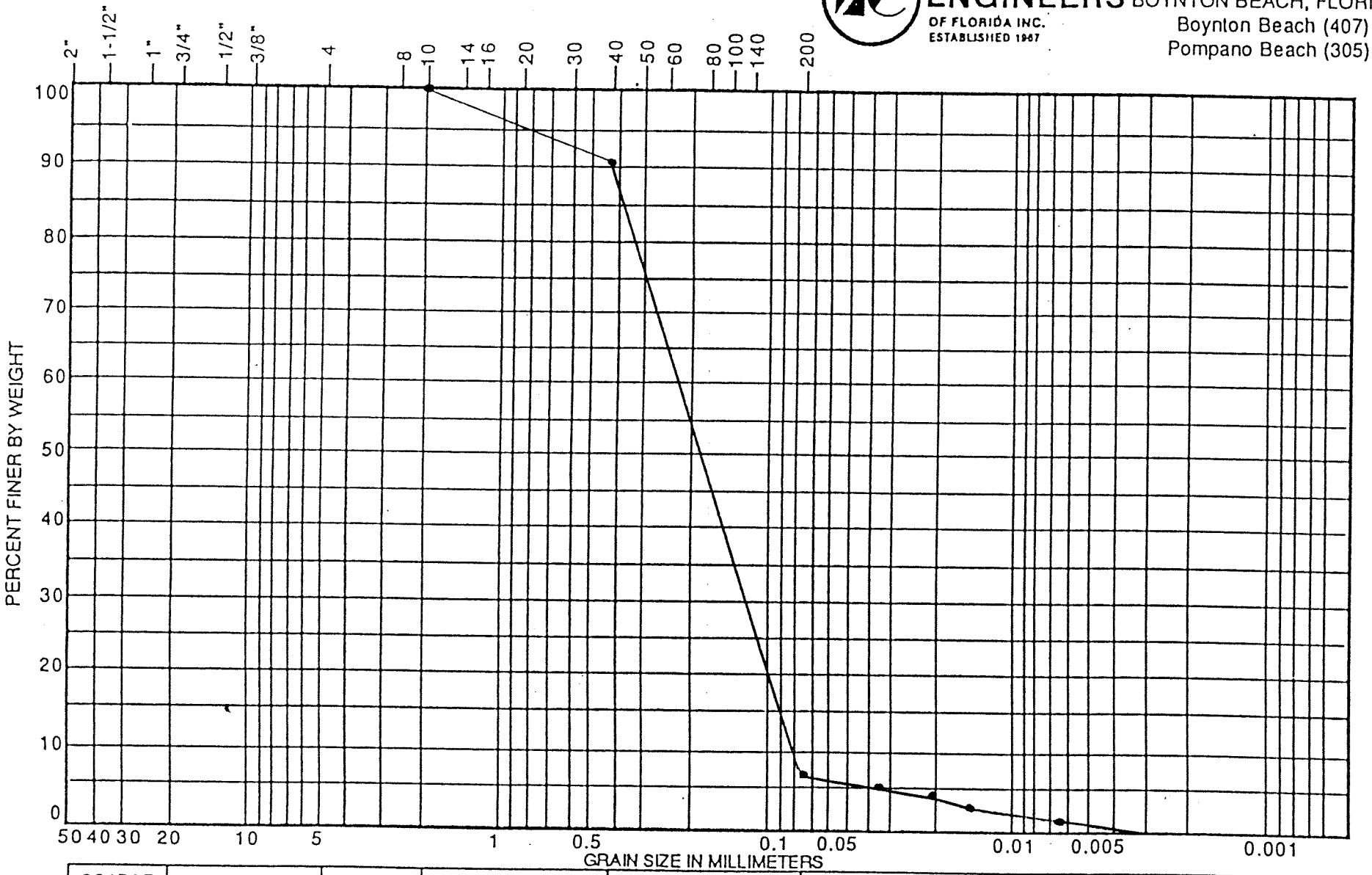

UNIFIED SOIL CLASSIFICATION

PROJECT NTC - ORLANDO BORING NO. OR LOCATION NTCGTH0900

D. TH N/A MATERIAL DESCRIPTION

NUTTING ENGINEERS
OF FLORIDA INC.
ESTABLISHED 1967

Geotechnical & Construction Materials
Hydrogeology & Monitoring Wells
Engineering • Inspection • Testing

Client: Brown & Root Environmental

Project: NTC-Orlando

ASTM D-5084
Standard Test Method for Measurement of Hydraulic Conductivity of Saturated Porous Materials Using Flexible Wall Permeameter

Sample Number: NTCGTH0900A

Description of Soil: Dk Brown Quartz Fine Sand, Trace Colloidal Organics

Coefficient of Permeability, K_{20} (cm/s): 5.4×10^{-5}
(saturated specimen)

Coefficient of Permeability (m/s): **5.4×10^{-7}**

Notes:

James J. Flaig, P.E. #21083

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ESTABLISHED 1967

Geotechnical & Construction Materials
Hydrogeology & Monitoring Wells
Engineering • Inspection • Testing

Client: Brown & Root Environmental

Project: NTC-Orlando

ASTM D-2937
Standard Test Method for Density of Soil in Place by the Drive-Cylinder Method

Sample Number:	NTCGTH0900A
Description of Soil:	Dk Brown Quartz Fine Sand, Trace Colloidal Organics
Wet Density (g/cm^3):	2.07
Dry Density (g/cm^3):	1.85
Dry Density (lb/ft^3):	**115.4**
Water Content (%):	12.0

Notes:

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Engineering • Inspection • Testing

Client: Brown & Root Environmental

Project: NTC-Orlando

ASTM D-5084
Standard Test Method for Measurement of Hydraulic Conductivity of Saturated Porous Materials Using Flexible Wall Permeameter

Sample Number: NTCGTH0900B

Description of Soil: Dk Brown Quartz Fine Sand, Trace Colloidal Organics

Coefficient of Permeability, K_{20} (cm/s): 5.2×10^{-5}
(saturated specimen)

Coefficient of Permeability (m/s): **5.2×10^{-7}**

Notes:

8/15/97
James J. Flaig, P.E. #21083

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Geotechnical & Construction Materials
Hydrogeology & Monitoring Wells
Engineering • Inspection • Testing

Client: Brown & Root Environmental

Project: NTC-Orlando

ASTM D-2937
Standard Test Method for Density of Soil in Place by the Drive-Cylinder Method

Sample Number:	NTCGTH0900B
Description of Soil:	Dk Brown Quartz Fine Sand, Trace Colloidal Organics
Wet Density (g/cm^3):	1.98
Dry Density (g/cm^3):	1.76
Dry Density (lb/ft^3):	**109.9**
Water Content (%):	12.5

Notes:

James V. Flaig, P.E. #21083

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REPORT OF MAXIMUM DENSITY OF SOIL

CLIENT BROWN & ROOT ENVIRONMENTAL
PROJECT NTC - ORLANDO
ADDRESS ORLANDO, FL
LOCATION NTCGTH 1200
TYPE OF TEST ASTM D-698
Visual Description of Material: LIGHT BROWN QUARTZ FINE SAND

ORDER No. 11044.1
REPORT No. 15
LAB No. 98171
DATE 8-4-97
SAMPLED BY CONTRACTOR

Trial Number	Per Cent of Moisture	Dry Density, Pounds Per Cubic Foot
1	7.4	107.5
2	9.5	109.9
3	11.6	109.1
4	13.5	106.5

Weight of Mold: 4.40 lbs.

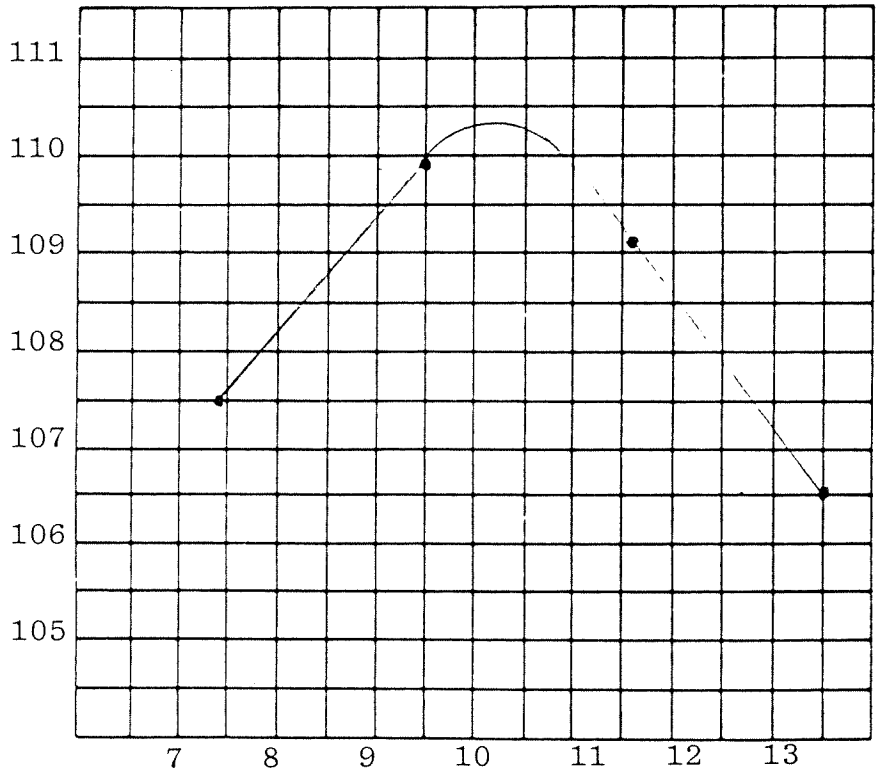
Volume of Mold: 1/30 cu. ft.

Max Dry Density PCF: 110.3

Optimum Moisture %: 10.2

Technician: B. SIVILLI

Remarks:



NUTTING ENGINEERS
OF FLORIDA INC.

By _____ P.E.
JAMES M. FLAIG, #21083

NUTTING ENGINEERS
OF FLORIDA INC.
ESTABLISHED 1967

Geotechnical & Construction Materials
Hydrogeology & Monitoring Wells
Engineering • Inspection • Testing

Client: Brown & Root Environmental

Project: NTC – Orlando

Location: Orlando, Florida

Sample Number: NTCGTH1200

Description of Soil: Brown Quartz Fine Sand, Trace Silt

ASTM 0-422
Particle Size Analysis of Soil
Hydrometer 152-H, Dispensing Agent NaPo3 4% in 125ml

Sieve Size	Sieve Analysis Passing %
No. 4	100
No. 10	100
No. 40	93.2
No. 200	12.9

Hydrometer Analysis

Sieve Size	% Finer
0.0516mm	12.1
0.0259mm	10.1
0.0134mm	9.1
0.0064mm	8.1
0.0038mm	7.1

James J. Marg P.E #21083

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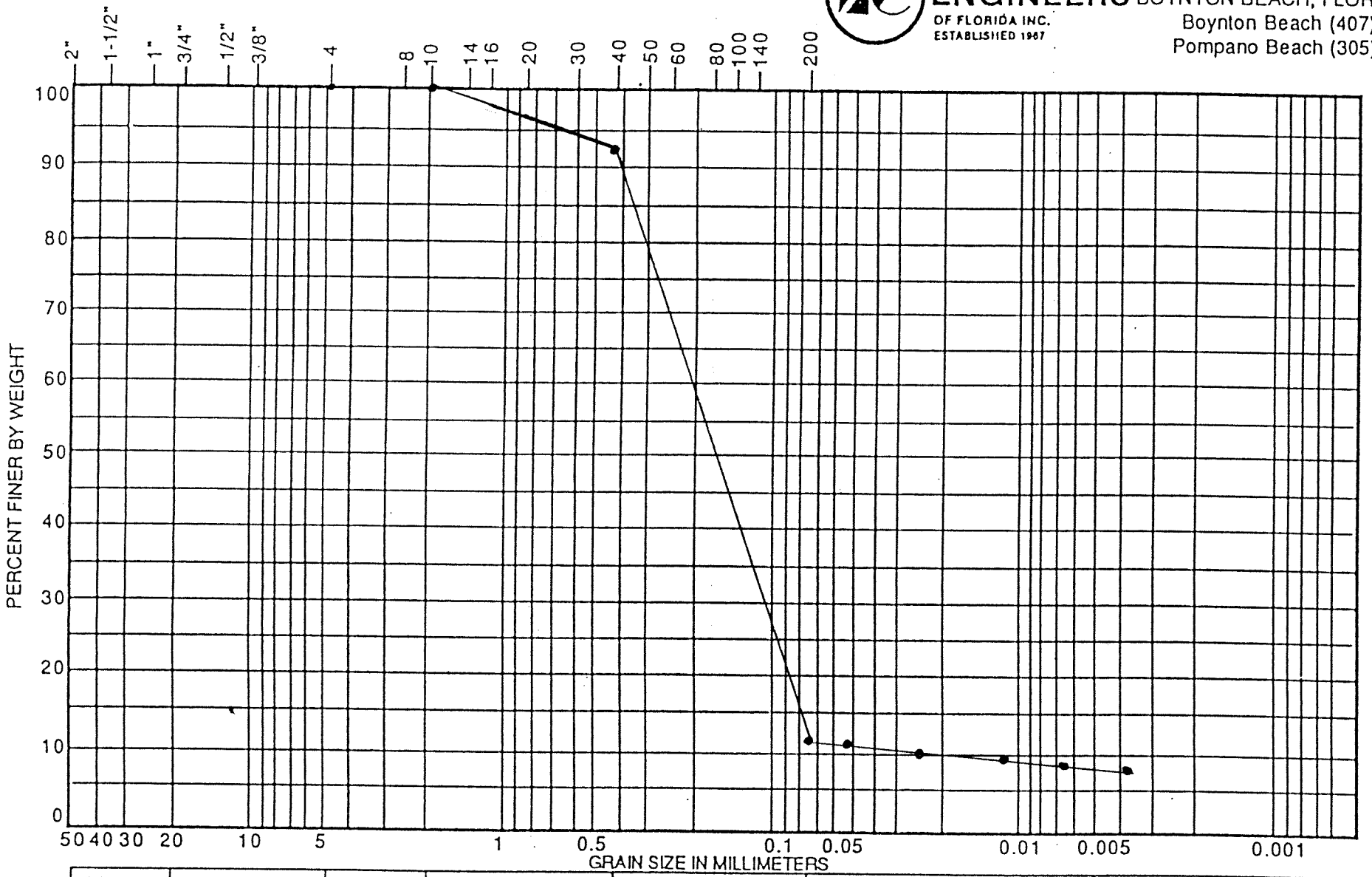

UNIFIED SOIL CLASSIFICATION

PROJECT NTC - ORLANDO BORING NO. OR LOCATION NTCGTH1200

DEPTH N/A MATERIAL DESCRIPTION

GRAIN SIZE DISTRIBUTION PLOT

NUTTING ENGINEERS
OF FLORIDA INC.
ESTABLISHED 1967

Geotechnical & Construction Materials
Hydrogeology & Monitoring Wells
Engineering • Inspection • Testing

Client: Brown & Root Environmental

Project: NTC-Orlando

ASTM D-5084
Standard Test Method for Measurement of Hydraulic Conductivity of Saturated Porous Materials Using Flexible Wall Permeameter

Sample Number: NTCGTH1200A

Description of Soil: Dk Brown Quartz Fine Sand, Trace Colloidal Organics

Coefficient of Permeability, K_{20} (cm/s): 2.7×10^{-5}
(saturated specimen)

Coefficient of Permeability (m/s): **2.7×10^{-7}**

Notes:

James J. Flaig, P.E. #21083

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Hydrogeology & Monitoring Wells
Engineering • Inspection • Testing

Client: Brown & Root Environmental

Project: NTC-Orlando

ASTM D-2937
Standard Test Method for Density of Soil in Place by the Drive-Cylinder Method

Sample Number:	NTCGTH1200A
Description of Soil:	Brown Quartz Fine Sand, Trace Colloidal Organics
Wet Density (g/cm^3):	2.02
Dry Density (g/cm^3):	1.85
Dry Density (lb/ft^3):	**115.4**
Water Content (%):	9.3

Notes:

8/15/97
James J. Flaig, P.E. #21083

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Client: Brown & Root Environmental

Project: NTC-Orlando

ASTM D-5084
Standard Test Method for Measurement of Hydraulic Conductivity of Saturated Porous Materials Using Flexible Wall Permeameter

Sample Number: NTCGTH1200B

Description of Soil: Dk Brown Quartz Fine Sand, Trace Colloidal Organics

Coefficient of Permeability, K_{20} (cm/s): 3.1×10^{-4}
(saturated specimen)

Coefficient of Permeability (m/s): **3.1×10^{-6}**

Notes:

8/15/97
James J. Haig, P.E. #21083

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Client: Brown & Root Environmental

Project: NTC-Orlando

ASTM D-2937
Standard Test Method for Density of Soil in Place by the Drive-Cylinder Method

Sample Number:	NTCGTH1200B
Description of Soil:	Brown Quartz Fine Sand, Trace Colloidal Organics
Wet Density (g/cm^3):	2.06
Dry Density (g/cm^3):	1.89
Dry Density (lb/ft^3):	**118.1**
Water Content (%):	8.9

Notes:

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REPORT OF MAXIMUM DENSITY OF SOIL

CLIENT BROWN & ROOT ENVIRONMENTAL
PROJECT NTC - ORLANDO
ADDRESS ORLANDO, FL

ORDER No. 11044.1
REPORT No. 16
LAB No. 98171
DATE 7-30-97
SAMPLED BY CONTRACTOR

LOCATION NTC GTH1900
TYPE OF TEST ASTM D-698
Visual Description of Material: BROWN QUARTZ FINE SAND, TRACE OF SILT

Trial Number	Per Cent of Moisture	Dry Density, Pounds Per Cubic Foot
1	8.2	109.5
2	10.1	110.6
3	12.3	107.7
4		

Weight of Mold: 4.40 lbs.

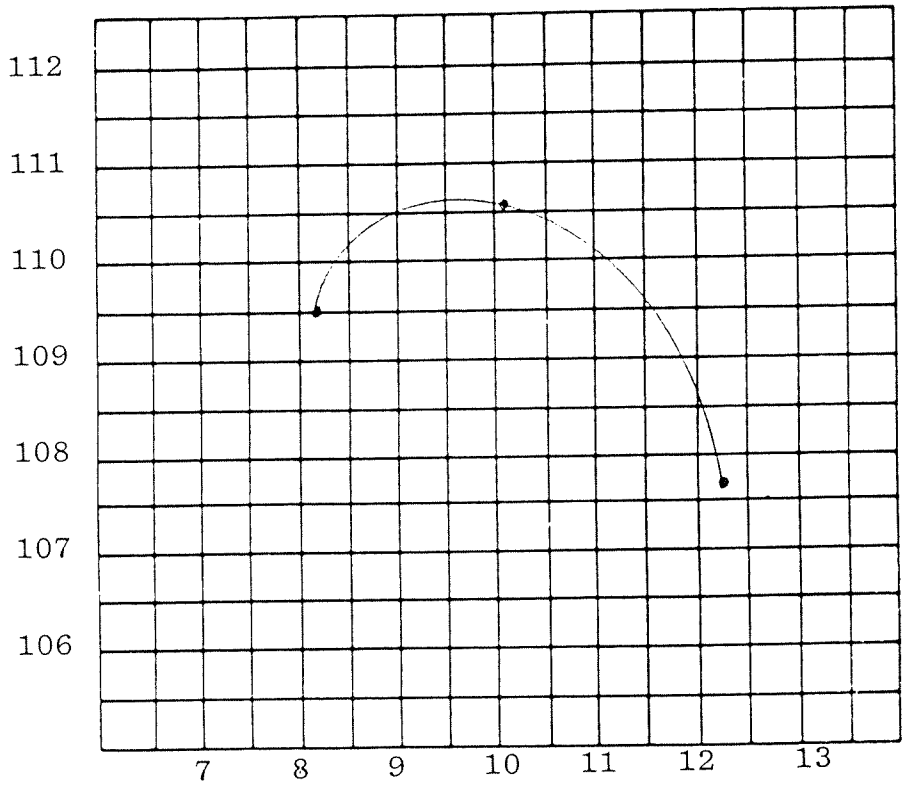
Volume of Mold: 1/30 cu. ft.

Max Dry Density PCF:
110.6

Optimum Moisture %:
9.6

Technician:
B. SIVILLI

Remarks:



NUTTING ENGINEERS
OF FLORIDA INC.

By _____ P.E
JAMES J. FLAIG, #21083

NUTTING ENGINEERS
OF FLORIDA INC.
ESTABLISHED 1967

Geotechnical & Construction Materials
Hydrogeology & Monitoring Wells
Engineering • Inspection • Testing

Client: Brown & Root Environmental

Project: NTC – Orlando

Location: Orlando, Florida

Sample Number: NTCGTH1900

Description of Soil: Brown Quartz Fine Sand, Trace Silt

ASTM 0-422
Particle Size Analysis of Soil
Hydrometer 152-H, Dispensing Agent NaPo3 4% in 125ml

Sieve Size	Sieve Analysis Passing %
No. 4	100
No. 10	93.7
No. 40	86.1
No. 200	8.3

Hydrometer Analysis

Sieve Size	% Finer
0.0287mm	6.2
0.0159mm	4.1
0.0092mm	3.1
0.0046mm	2.1

9/15/92

James A. Flaig P.E. #21083

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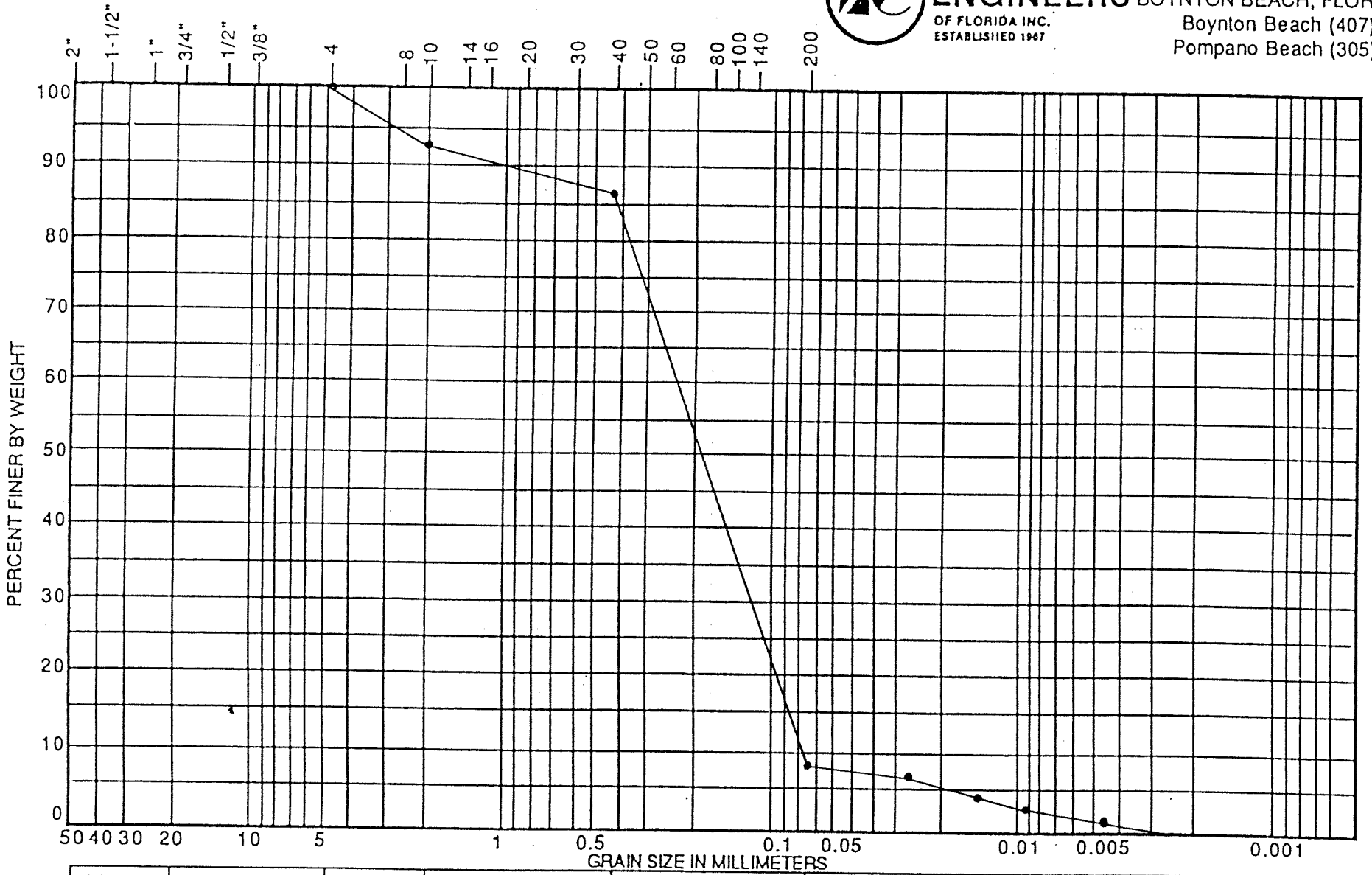

UNIFIED SOIL CLASSIFICATION

C-166

PROJECT NTC - ORLANDO BORING NO. OR LOCATION NTCGTH1900

D .H N/A MATERIAL DESCRIPTION BROWN QUARTZ FINE SAND, TRACE OF SILT

GRAIN SIZE DISTRIBUTION PLOT

NUTTING ENGINEERS
OF FLORIDA INC.
ESTABLISHED 1967

Geotechnical & Construction Materials
Hydrogeology & Monitoring Wells
Engineering • Inspection • Testing

Client: Brown & Root Environmental

Project: NTC-Orlando

ASTM D-5084
Standard Test Method for Measurement of Hydraulic Conductivity of Saturated Porous Materials Using Flexible Wall Permeameter

Sample Number:	NTCGTH1900A
Description of Soil:	Grey to Brown Quartz Fine Sand, Some Limestone Fragments, 4" of Calcareous sand and rock (fill) at bottom of sample
Coefficient of Permeability, K_{20} (cm/s): (saturated specimen)	1.5×10^{-5}
Coefficient of Permeability (m/s):	**1.5×10^{-7}**
Notes:	Hydraulic conductivity affected by 4" layer at bottom of sample

8/16/93

James J. Flaig, P.E. #21083

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Geotechnical & Construction Materials
Hydrogeology & Monitoring Wells
Engineering • Inspection • Testing

REVISED
2.5.98

Client: Brown and Root Environmental

Project: NTC-Orlando

ASTM D-2937
Standard Test Method for Density of Soil in Place by the Drive-Cylinder Method

Sample Number:	NTCGTH1900A
Description of Soil:	Gray to Brown Quartz Fine Sand, Some Limestone Fragments, Trace Colloidal Organics
Wet Density (g/cm^3):	2.03
Dry Density (g/cm^3):	1.85
Dry Density (lb/ft^3):	**115.3**
Water Content (%):	9.9

Notes:

2/17/98
James J. Flaig, P.E. #21083

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Client: Brown & Root Environmental

Project: NTC-Orlando

ASTM D-5084
Standard Test Method for Measurement of Hydraulic Conductivity of Saturated Porous Materials Using Flexible Wall Permeameter

Sample Number: NTCGTH1900B

Description of Soil: Dk Brown Quartz Fine Sand, Trace Colloidal Organics

Coefficient of Permeability, K_{20} (cm/s): 1.6×10^{-5}
(saturated specimen)

Coefficient of Permeability (m/s): **1.6×10^{-7}**

Notes:

8/15/97
James J. Flaig, P.E. #21083

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REVISED
2-5-98

Client: Brown and Root Environmental

Project: NTC-Orlando

ASTM D-2937
Standard Test Method for Density of Soil in Place by the Drive-Cylinder Method

Sample Number:	NTCGTH1900B
Description of Soil:	Dk Gray to Brown Quartz Fine Sand, Trace Colloidal Organics
Wet Density (g/cm^3):	1.99
Dry Density (g/cm^3):	1.80
Dry Density (lb/ft^3):	**112.3**
Water Content (%):	10.6

Notes:

R. Wohlfarth 2/5/98
Richard Wohlfarth
P.E. #50858

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REPORT OF MAXIMUM DENSITY OF SOIL

CLIENT BROWN & ROOT ENVIRONMENTAL

PROJECT NTC - ORLANDO, ORDER No. 11044.1

ADDRESS ORLANDO, FL REPORT No. 2

LAB No. 98171

LOCATION NTCGTH2200 DATE 7-28-97

TYPE OF TEST ASTM D-698 SAMPLED BY CONTRACTOR

Visual Description of Material: LIGHT BROWN QUARTZ FINE SAND, TRACE OF SILT

Trial Number	Per Cent of Moisture	Dry Density, Pounds Per Cubic Foot
1	6.5	110.7
2	8.7	112.1
3	10.3	111.5
4	12.6	109.2

Weight of Mold: 4.40 lbs.

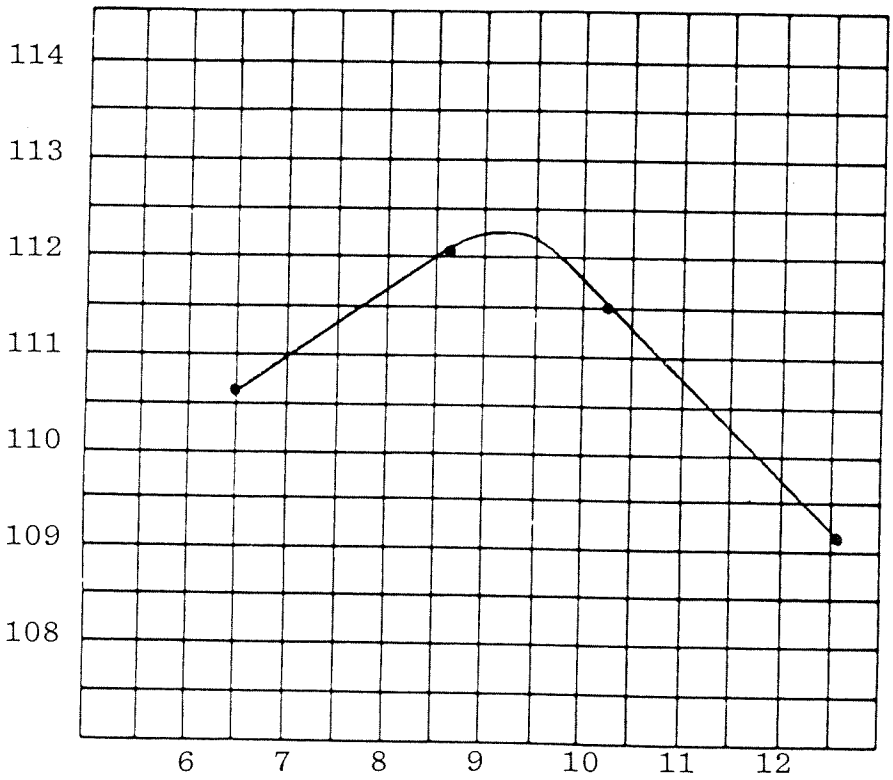
Volume of Mold: 1/30 cu. ft.

Max Dry Density PCF: 112.3

Optimum Moisture %: 9.3

Technician: B. SIVILLI

Remarks:



NUTTING ENGINEERS
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By _____ P.E.
JAMES J. FLAIG, #21083

NUTTING ENGINEERS
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ESTABLISHED 1967

Geotechnical & Construction Materials
Hydrogeology & Monitoring Wells
Engineering • Inspection • Testing

Client: Brown & Root Environmental

Project: NTC – Orlando

Location: Orlando, Florida

Sample Number: NTCGTH2200

Description of Soil: Brown Quartz Fine Sand, Trace Silt

ASTM 0-422
Particle Size Analysis of Soil
Hydrometer 152-H, Dispensing Agent NaPo3 4% in 125ml

Sieve Size	Sieve Analysis Passing %
No. 4	100
No. 10	100
No. 40	92.6
No. 200	10.9

Hydrometer Analysis

Sieve Size	% Finer
0.0509mm	10.9
0.0296mm	7.9
0.0182mm	7.5
0.0067mm	5.9
0.0038mm	5.5

8/15/97
James J. Plaig P.E. #21083

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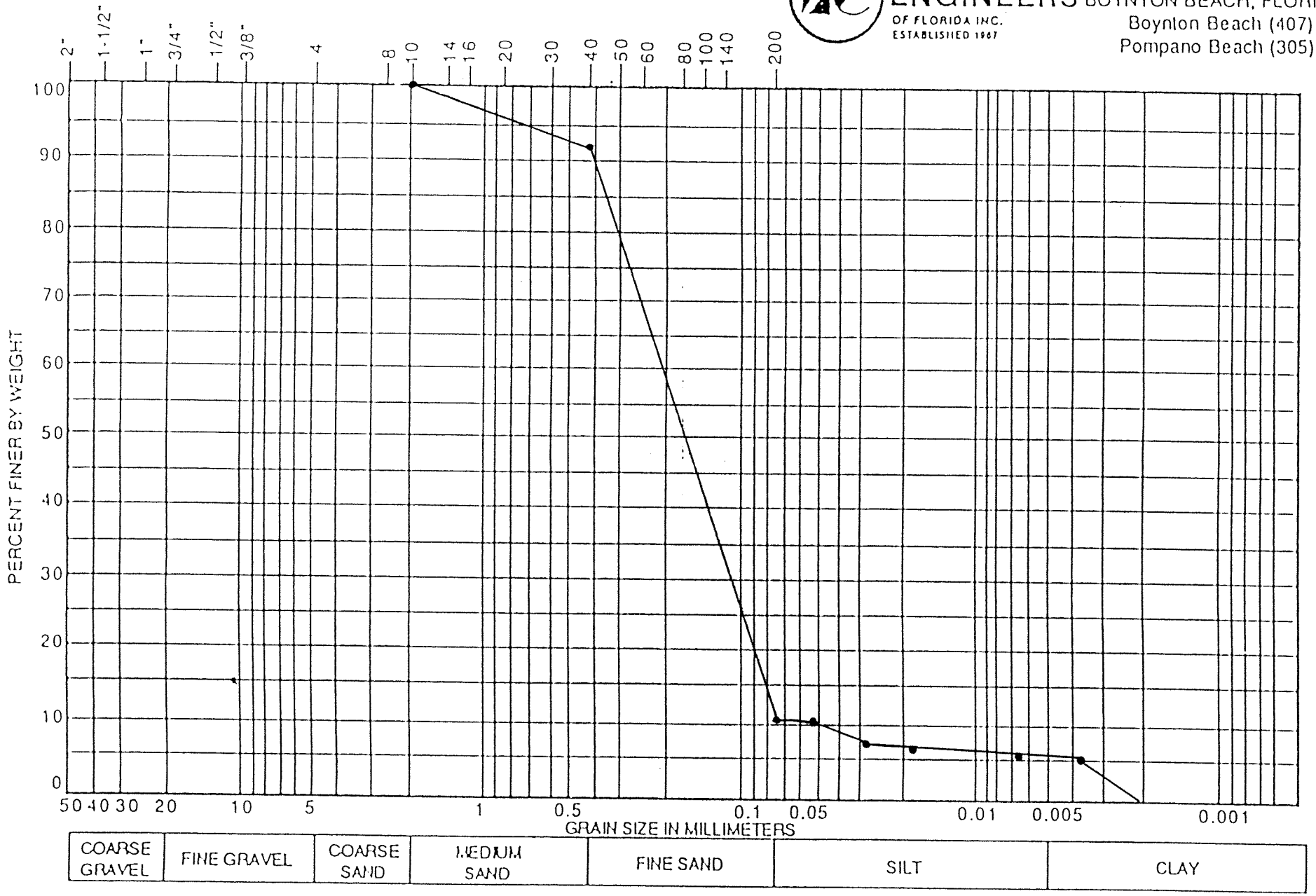

C-172

UNIFIED SOIL CLASSIFICATION

PROJECT NTC - ORLANDO BORING NO. OR LOCATION NTCGTH2200

DEPTH N/A MATERIAL DESCRIPTION

NUTTING ENGINEERS
OF FLORIDA INC.
ESTABLISHED 1967

Geotechnical & Construction Materials
Hydrogeology & Monitoring Wells
Engineering • Inspection • Testing

Client: Brown & Root Environmental

Project: NTC-Orlando

ASTM D-5084
Standard Test Method for Measurement of Hydraulic Conductivity of Saturated Porous Materials Using Flexible Wall Permeameter

Sample Number: NTCGTH2200A

Description of Soil: Dk Brown Quartz Fine Sand, Trace Colloidal Organics

Coefficient of Permeability, K_{20} (cm/s): 5.8×10^{-4}
(saturated specimen)

Coefficient of Permeability (m/s): **5.8×10^{-6}**

Notes:

8/6/99
James J. Flaig, P.E. #21083

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Hydrogeology & Monitoring Wells
Engineering • Inspection • Testing

Client: Brown & Root Environmental

Project: NTC-Orlando

ASTM D-2937
Standard Test Method for Density of Soil in Place by the Drive-Cylinder Method

Sample Number:	NTCGTH2200A
Description of Soil:	Dk Brown Quartz Fine Sand, Trace Colloidal Organics
Wet Density (g/cm^3):	1.85
Dry Density (g/cm^3):	1.66
Dry Density (lb/ft^3):	**103.5**
Water Content (%):	11.6

Notes:

8/15/97

James J. Flaig, P.E. #21083

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Engineering • Inspection • Testing

Client: Brown & Root Environmental

Project: NTC-Orlando

ASTM D-5084
Standard Test Method for Measurement of Hydraulic Conductivity of Saturated Porous Materials Using Flexible Wall Permeameter

Sample Number: NTCGTH2200B

Description of Soil: Dk Brown Quartz Fine Sand, Trace Colloidal Organics

Coefficient of Permeability, K_{20} (cm/s): 4.6×10^{-5}
(saturated specimen)

Coefficient of Permeability (m/s): **4.6×10^{-7}**

Notes:

8/5/97
James J. Flaig, P.E. #21083

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Hydrogeology & Monitoring Wells
Engineering • Inspection • Testing

Client: Brown & Root Environmental

Project: NTC-Orlando

ASTM D-2937
Standard Test Method for Density of Soil in Place by the Drive-Cylinder Method

Sample Number:	NTCGTH2200B
Description of Soil:	Dk Brown Quartz Fine Sand, Trace Colloidal Organics
Wet Density (g/cm^3):	1.90
Dry Density (g/cm^3):	1.70
Dry Density (lb/ft^3):	**106.2**
Water Content (%):	11.7

Notes:

James J. Flaig, P.E. #21083

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REPORT OF MAXIMUM DENSITY OF SOIL

CLIENT BROWN & ROOT ENVIRONMENTAL

PROJECT NTC - ORLANDO ORDER No. 11044.1

ADDRESS ORLANDO, FL REPORT No. 3

LAB No. 98171

LOCATION NTCGTH2500 DATE 7-28-97

TYPE OF TEST ASTM D-698 SAMPLED BY CONTRACTOR

Visual Description of Material: BROWN QUARTZ FINE SAND, TRACE OF ROOT

Trial Number	Per Cent of Moisture	Dry Density, Pounds Per Cubic Foot
1	7.1	107.8
2	9.2	108.5
3	11.0	110.5
4	13.3	107.0

Weight of Mold: 4.40 lbs.

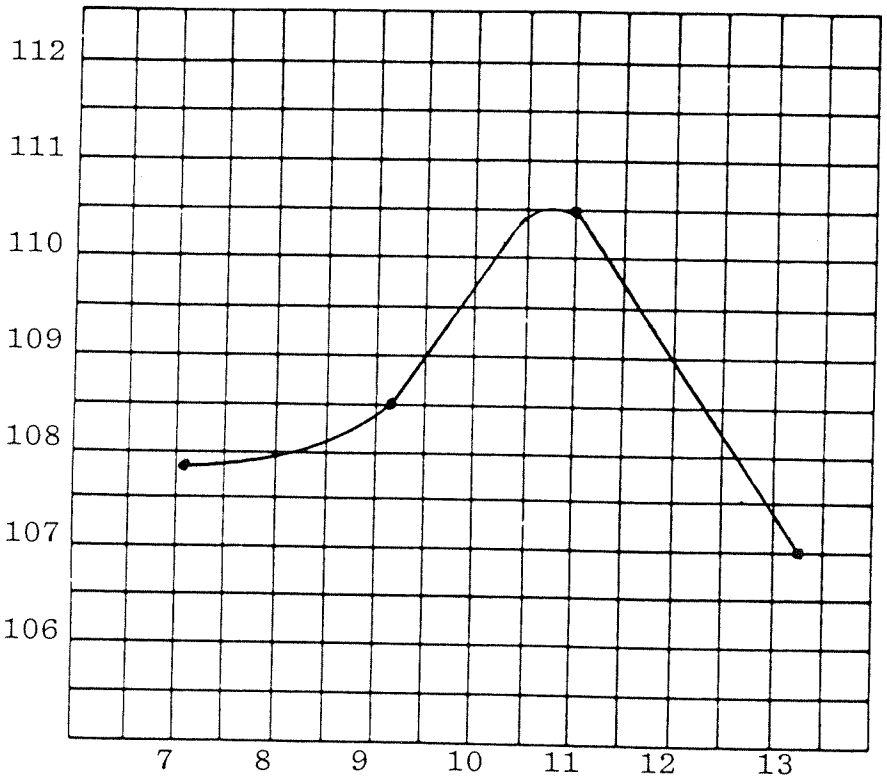
Volume of Mold: 1/30 cu. ft.

Max Dry Density PCF:
110.5

Optimum Moisture %:
10.8

Technician:
B. SIVILLI

Remarks:



NUTTING ENGINEERS
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By 7/28/97 P.E.
JAMES J. FLAIG, #21083

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Geotechnical & Construction Materials
Hydrogeology & Monitoring Wells
Engineering • Inspection • Testing

Client: Brown & Root Environmental

Project: NTC – Orlando

Location: Orlando, Florida

Sample Number: NTCGTH2500

Description of Soil: Brown Quartz Fine Sand, Trace Silt

ASTM 0-422
Particle Size Analysis of Soil
Hydrometer 152-H, Dispensing Agent NaPo3 4% in 125ml

Sieve Size	Sieve Analysis Passing %
No. 4	100
No. 10	100
No. 40	91.6
No. 200	8.2

Hydrometer Analysis

Sieve Size	% Finer
0.0494mm	7.1
0.0203mm	6.1
0.0094mm	5.1
0.0046mm	3.0

James J. Haig P.E. #21083

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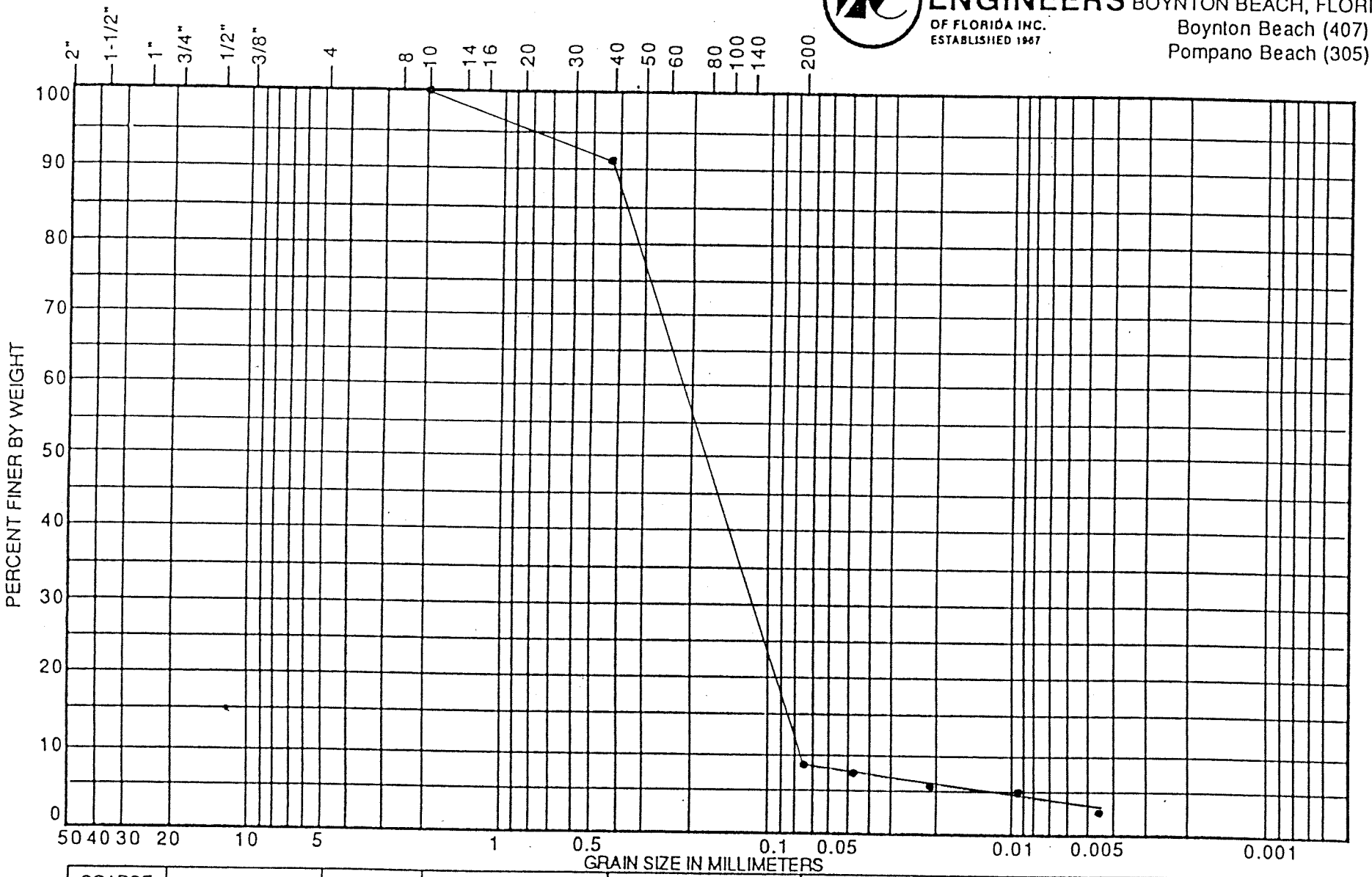

UNIFIED SOIL CLASSIFICATION

PROJECT NTC - ORLANDO BORING NO. OR LOCATION NTCGTH2500

D. ,H N/A MATERIAL DESCRIPTION

C-179

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Geotechnical & Construction Materials
Hydrogeology & Monitoring Wells
Engineering • Inspection • Testing

Client: Brown & Root Environmental

Project: NTC-Orlando

ASTM D-5084
Standard Test Method for Measurement of Hydraulic Conductivity of Saturated Porous Materials Using Flexible Wall Permeameter

Sample Number:	NTCGTH2500A
Description of Soil:	Dk Brown Quartz Fine Sand, Trace Colloidal Organics
Coefficient of Permeability, K_{20} (cm/s): (saturated specimen)	6.4×10^{-5}
Coefficient of Permeability (m/s):	**6.4×10^{-7}**

Notes:

James A. Flaig, P.E. #21083

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Client: Brown & Root Environmental

Project: NTC-Orlando

ASTM D-2937
Standard Test Method for Density of Soil in Place by the Drive-Cylinder Method

Sample Number:	NTCGTH2500A
Description of Soil:	Grey Quartz Fine Sand, Trace Colloidal Organics
Wet Density (g/cm^3):	1.80
Dry Density (g/cm^3):	1.68
Dry Density (lb/ft^3):	**104.9**
Water Content (%):	7.1

Notes:

James J. Wang, P.E. #21083

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Client: Brown & Root Environmental

Project: NTC-Orlando

ASTM D-5084
Standard Test Method for Measurement of Hydraulic Conductivity of Saturated Porous Materials Using Flexible Wall Permeameter

Sample Number:	NTCGTH2500B
Description of Soil:	Dk Brown Quartz Fine Sand, Trace Colloidal Organics
Coefficient of Permeability, K_{20} (cm/s): (saturated specimen)	1.2×10^{-4}
Coefficient of Permeability (m/s):	**1.2×10^{-6}**

Notes:

8/15/97

James J. Flaig, P.E. #21083

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Engineering • Inspection • Testing

Client: Brown & Root Environmental

Project: NTC-Orlando

ASTM D-2937
Standard Test Method for Density of Soil in Place by the Drive-Cylinder Method

Sample Number:	NTCGTH2500B
Description of Soil:	Grey Quartz Fine Sand, Trace Colloidal Organics
Wet Density (g/cm^3):	1.75
Dry Density (g/cm^3):	1.60
Dry Density (lb/ft^3):	**100.1**
Water Content (%):	9.1

Notes:

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REPORT OF MAXIMUM DENSITY OF SOIL

CLIENT BROWN & ROOT ENVIRONMENTAL

PROJECT NTC - ORLANDO, ORDER No. 11044.1

ADDRESS ORLANDO, FL REPORT No. 4

LAB No. 98171

LOCATION NTCGTH2900 DATE 7-28-97

TYPE OF TEST ASTM D-698 SAMPLED BY CONTRACTOR

Visual Description of Material: DARK GRAY TO BROWN QUARTZ FINE SAND TO SILT

Trial Number	Per Cent of Moisture	Dry Density, Pounds Per Cubic Foot
1	7.8	104.4
2	9.7	105.0
3	11.6	104.0
4		

Weight of Mold: 4.40 lbs.

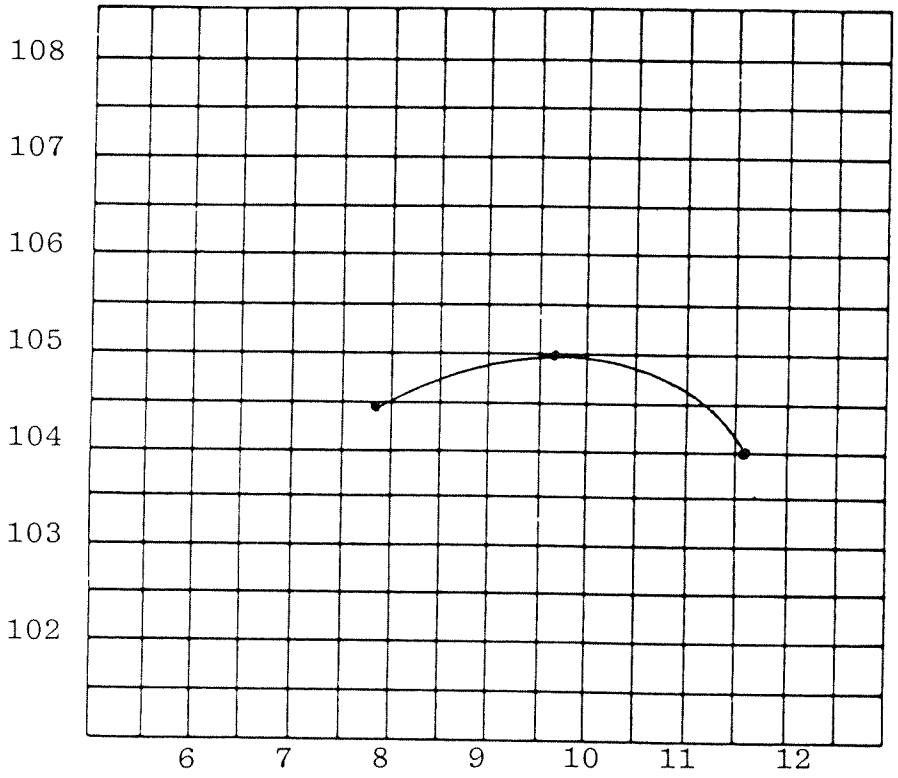
Volume of Mold: 1/30 cu. ft.

Max Dry Density PCF: 105.0

Optimum Moisture %: 9.7

Technician: B. SIVILLI

Remarks:



NUTTING ENGINEERS
OF FLORIDA INC.

By 8/5/97 P.E.

JAMES J. FLAIG, #21083

NUTTING ENGINEERS
OF FLORIDA INC.
ESTABLISHED 1967

Geotechnical & Construction Materials
Hydrogeology & Monitoring Wells
Engineering • Inspection • Testing

Client: Brown & Root Environmental

Project: NTC – Orlando

Location: Orlando, Florida

Sample Number: NTCGTH2900

Description of Soil: Brown Quartz Fine Sand, Slight Trace Silt

ASTM 0-422
Particle Size Analysis of Soil
Hydrometer 152-H, Dispensing Agent NaPo3 4% in 125ml

Sieve Size	Sieve Analysis Passing %
No. 4	100
No. 10	100
No. 40	94.4
No. 200	6.3

Hydrometer Analysis

Sieve Size	% Finer
0.0514mm	6.1
0.0365mm	5.1
0.0182mm	4.0
0.0094mm	4.0
0.0068mm	3.0
0.0047mm	2.0

James J. Flaig P.E. #21083

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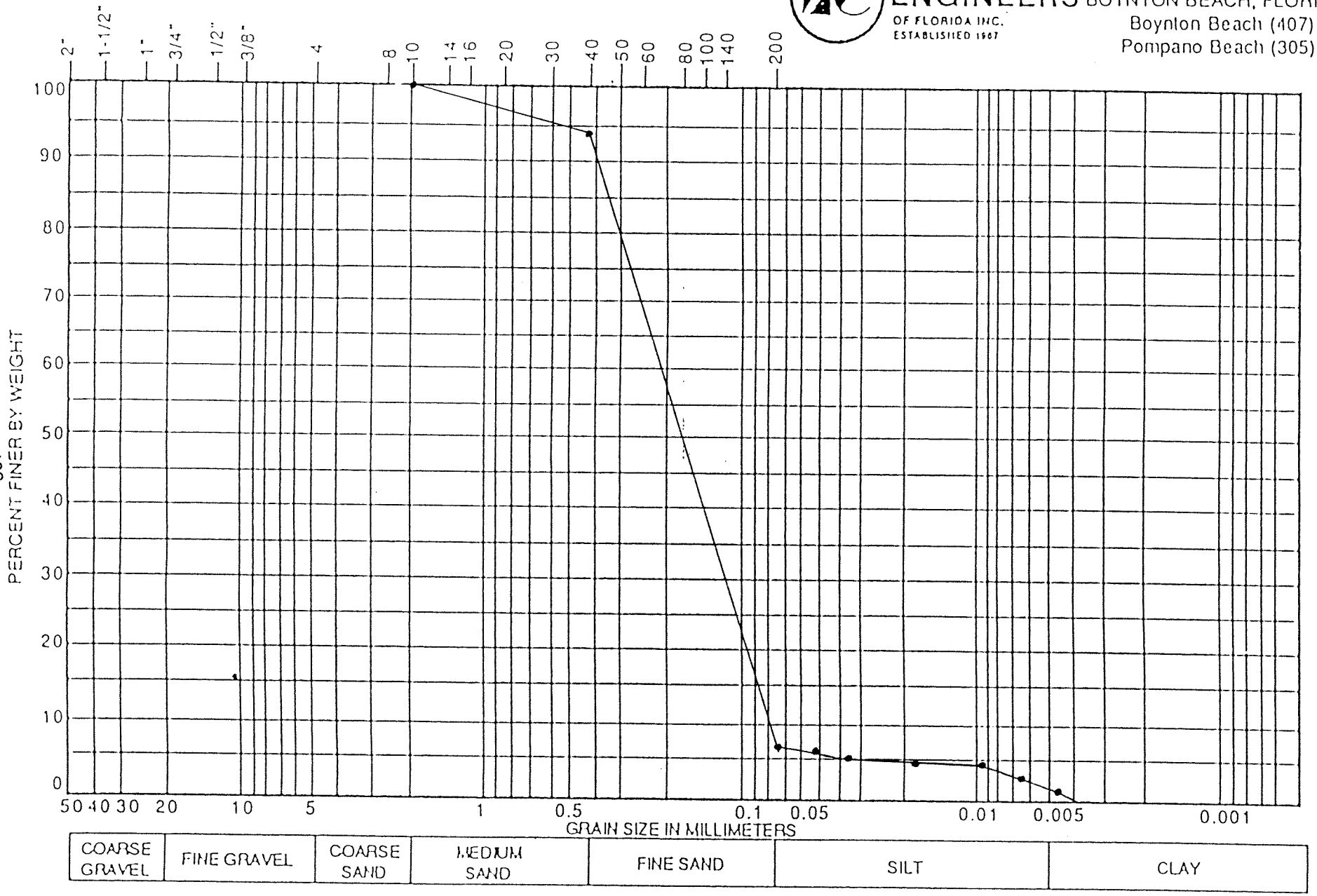

C-186

UNIFIED SOIL CLASSIFICATION

PROJECT NTC - ORLANDO BORING NO. OR LOCATION NTCGTH2900

DEPTH N/A MATERIAL DESCRIPTION

NUTTING ENGINEERS
OF FLORIDA INC.
ESTABLISHED 1967

Geotechnical & Construction Materials
Hydrogeology & Monitoring Wells
Engineering • Inspection • Testing

Client: Brown & Root Environmental

Project: NTC-Orlando

ASTM D-5084
Standard Test Method for Measurement of Hydraulic Conductivity of Saturated Porous Materials Using Flexible Wall Permeameter

Sample Number:	NTCGTH2900A
Description of Soil:	Brown Quartz Fine Sand
Coefficient of Permeability, K_{20} (cm/s): (saturated specimen)	4.3×10^{-3}
Coefficient of Permeability (m/s):	**4.3×10^{-5}**

Notes:

8/15/97
James J. Flaig, P.E. #21083

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Hydrogeology & Monitoring Wells
Engineering • Inspection • Testing

Client: Brown & Root Environmental

Project: NTC-Orlando

ASTM D-2937
Standard Test Method for Density of Soil in Place by the Drive-Cylinder Method

Sample Number:	NTCGTH2900A
Description of Soil:	Brown Quartz Fine Sand
Wet Density (g/cm^3):	1.71
Dry Density (g/cm^3):	1.60
Dry Density (lb/ft^3):	**99.7**
Water Content (%):	7.1

Notes:

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Client: Brown & Root Environmental

Project: NTC-Orlando

ASTM D-5084
Standard Test Method for Measurement of Hydraulic Conductivity of Saturated Porous Materials Using Flexible Wall Permeameter

Sample Number:	NTCGTH2900B
Description of Soil:	Brown Quartz Fine Sand

Coefficient of Permeability, K_{20} (cm/s): (saturated specimen)	4.3×10^{-3}
Coefficient of Permeability (m/s):	**4.3×10^{-5}**

Notes:

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Client: Brown & Root Environmental

Project: NTC-Orlando

ASTM D-2937
Standard Test Method for Density of Soil in Place by the Drive-Cylinder Method

Sample Number:	NTCGTH2900B
Description of Soil:	Grey to Brown Quartz Fine Sand
Wet Density (g/cm^3):	1.70
Dry Density (g/cm^3):	1.61
Dry Density (lb/ft^3):	**100.7**
Water Content (%):	5.4

Notes:

James J. Flaig, P.E. #21083

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REPORT OF MAXIMUM DENSITY OF SOIL

CLIENT BROWN & ROOT ENVIRONMENTAL

PROJECT NTC - ORLANDO

ADDRESS ORLANDO, FL

ORDER No. 11044.1

REPORT No. 17

LAB No. 98171

LOCATION NTC GTH3200

DATE 8-2-97

TYPE OF TEST ASTM D-698

SAMPLED BY CONTRACTOR

Visual Description of Material: BROWN QUARTZ FINE SAND, TRACE OF SILT

Trial Number	Per Cent of Moisture	Dry Density, Pounds Per Cubic Foot
1	10.4	107.9
2	12.5	110.4
3	14.0	109.2
4		

Weight of Mold: 4.40 lbs.

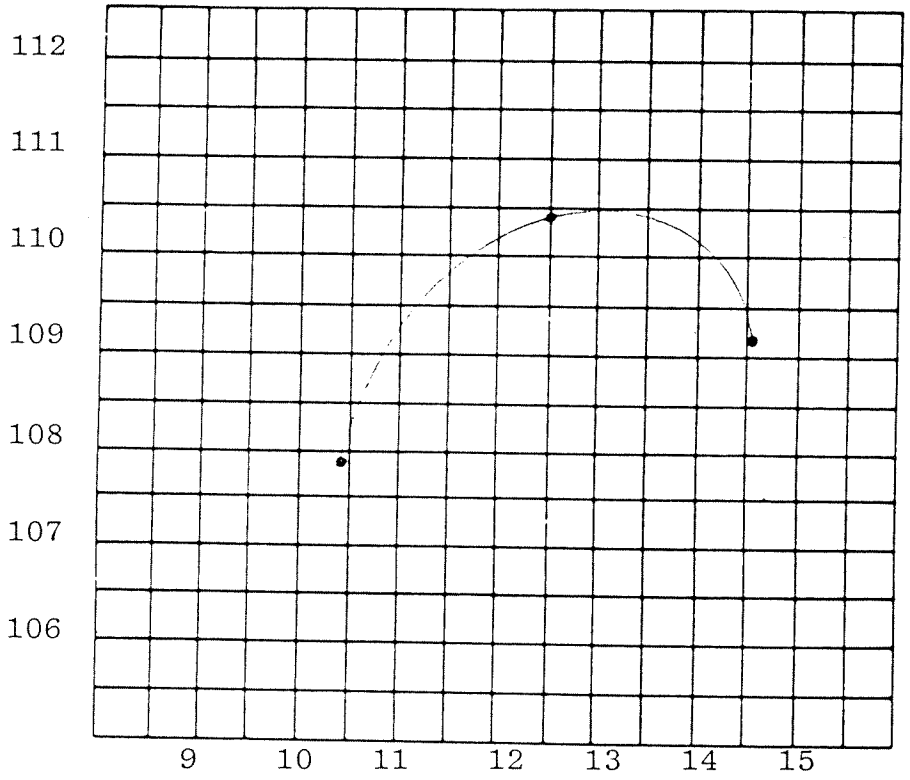
Volume of Mold: 1/30 cu. ft.

Max Dry Density PCF:
110.5

Optimum Moisture %:
13.0

Technician:
B. SIVILLI

Remarks:



NUTTING ENGINEERS
OF FLORIDA INC.

By _____ P.E.
JAMES J. FLAIG, #21083

NUTTING ENGINEERS
OF FLORIDA INC.
ESTABLISHED 1967

Geotechnical & Construction Materials
Hydrogeology & Monitoring Wells
Engineering • Inspection • Testing

Client: Brown & Root Environmental

Project: NTC – Orlando

Location: Orlando, Florida

Sample Number: NTCGTH3200

Description of Soil: Light Brown Quartz Fine Sand, Trace Silt

ASTM 0-422
Particle Size Analysis of Soil
Hydrometer 152-H, Dispensing Agent NaPo3 4% in 125ml

Sieve Size	Sieve Analysis Passing %
No. 4	100
No. 10	100
No. 40	96.1
No. 200	5.0

Hydrometer Analysis

Sieve Size	% Finer
0.0224mm	4.6
0.0130mm	3.6
0.0066mm	2.6
0.0046mm	2.0

James A. Plaig P.E. #21083

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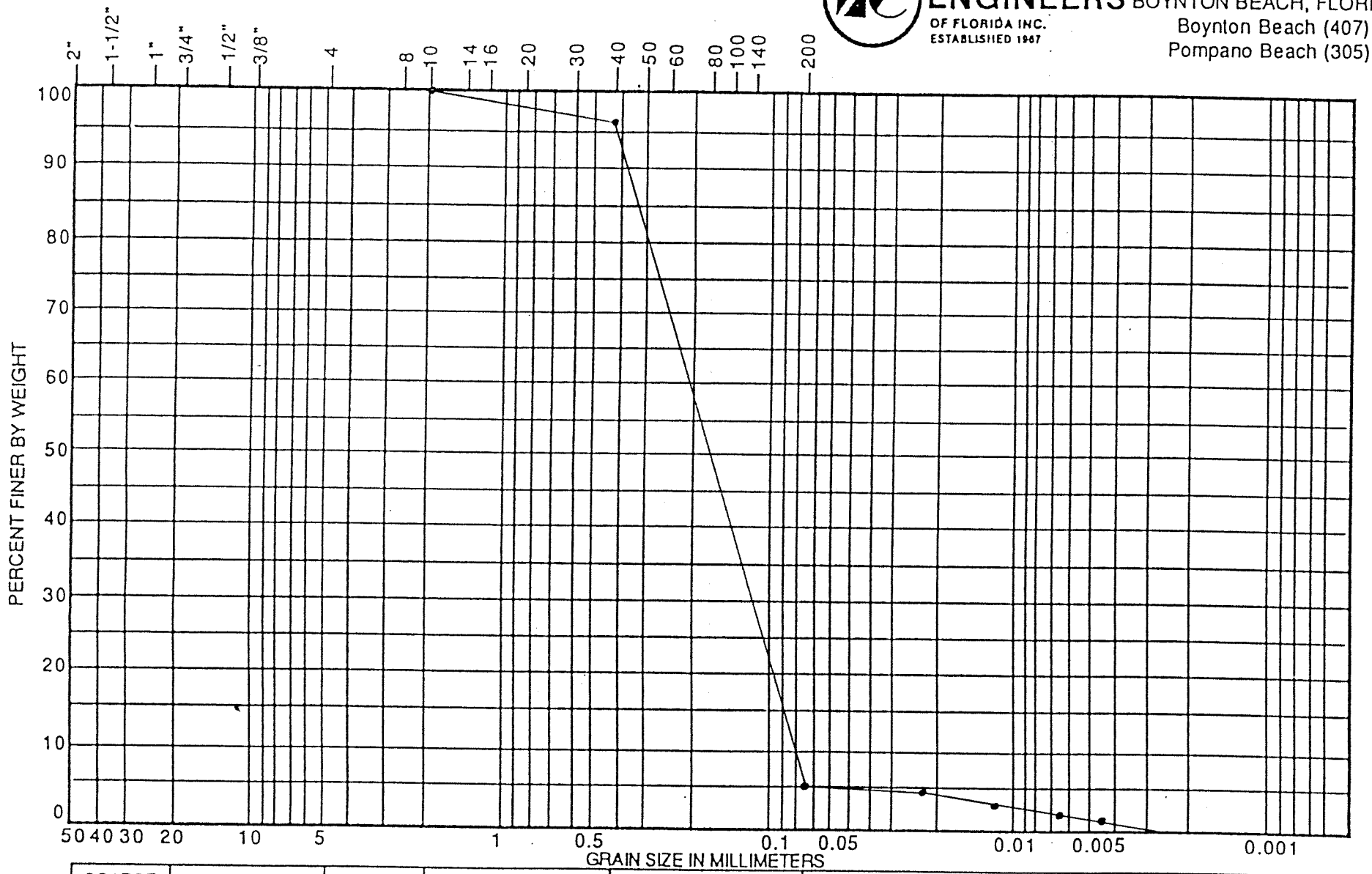

UNIFIED SOIL CLASSIFICATION

PROJECT NTC - ORLANDO BORING NO. OR LOCATION NTC GTH3200

DEPTH N/A MATERIAL DESCRIPTION

GRAIN SIZE DISTRIBUTION PLOT

NUTTING ENGINEERS
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ESTABLISHED 1967

Geotechnical & Construction Materials
Hydrogeology & Monitoring Wells
Engineering • Inspection • Testing

Client: Brown & Root Environmental

Project: NTC-Orlando

ASTM D-5084
Standard Test Method for Measurement of Hydraulic Conductivity of Saturated Porous Materials Using Flexible Wall Permeameter

Sample Number: NTCGTH3200A

Description of Soil: Grey to Brown Quartz Fine Sand, Trace Colloidal Organic

Coefficient of Permeability, K_{20} (cm/s): 4.0×10^{-4}
(saturated specimen)

Coefficient of Permeability (m/s): **4.0×10^{-6}**

Notes:

James J. Flaig, P.E. #21083

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Engineering • Inspection • Testing

Client: Brown & Root Environmental

Project: NTC-Orlando

ASTM D-2937
Standard Test Method for Density of Soil in Place by the Drive-Cylinder Method

Sample Number:	NTCGTH3200A
Description of Soil:	Grey to Brown Quartz Fine Sand, Trace Colloidal Organics
Wet Density (g/cm^3):	1.78
Dry Density (g/cm^3):	1.64
Dry Density (lb/ft^3):	**102.2**
Water Content (%):	8.7

Notes:

James J. Flaig, P.E. #21083

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Client: Brown & Root Environmental

Project: NTC-Orlando

ASTM D-5084
Standard Test Method for Measurement of Hydraulic Conductivity of Saturated Porous Materials Using Flexible Wall Permeameter

Sample Number: NTCGTH3200B

Description of Soil: Grey to Brown Quartz Fine Sand, Trace Colloidal Organic

Coefficient of Permeability, K_{20} (cm/s): 2.2×10^{-4}
(saturated specimen)

Coefficient of Permeability (m/s): **2.2×10^{-6}**

Notes:

8/5/97
James J. Haig, P.E. #21083

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Client: Brown & Root Environmental

Project: NTC-Orlando

ASTM D-2937
Standard Test Method for Density of Soil in Place by the Drive-Cylinder Method

Sample Number:	NTCGTH3200B
Description of Soil:	Grey to Brown Quartz Fine Sand, Trace Colloidal Organics
Wet Density (g/cm^3):	1.75
Dry Density (g/cm^3):	1.59
Dry Density (lb/ft^3):	**99.0**
Water Content (%):	10.4

Notes:

James J. Ding, P.E. #21083

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REPORT OF MAXIMUM DENSITY OF SOIL

CLIENT BROWN & ROOT ENVIRONMENTAL

PROJECT NTC - ORLANDO, ORDER No. 11044.1

ADDRESS ORLANDO, FL REPORT No. 5

LAB No. 98171

LOCATION NTC GTH3900 DATE 7-28-97

TYPE OF TEST ASTM D-698 SAMPLED BY CONTRACTOR

Visual Description of Material: LT. GRAY QUARTZ FINE SAND, SLIGHT TRACE OF SILT

Trial Number	Per Cent of Moisture	Dry Density, Pounds Per Cubic Foot
1	11.4	102.3
2	13.7	102.6
3	15.8	103.1
4	17.5	102.4

Weight of Mold: 4.40 lbs.

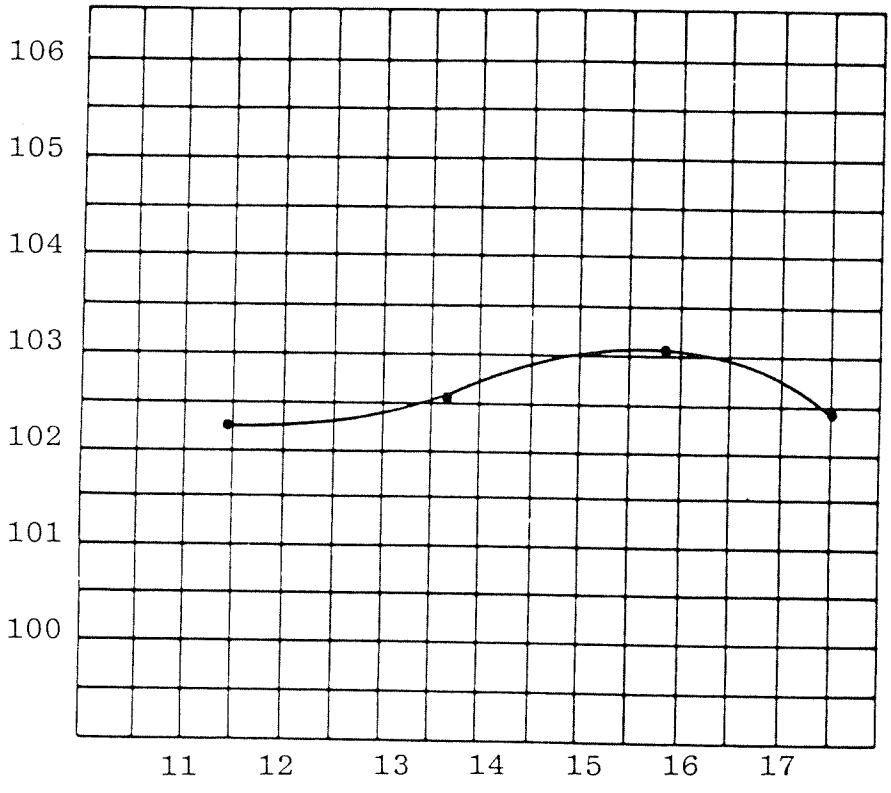
Volume of Mold: 1/30 cu. ft.

Max Dry Density PCF: 103.1

Optimum Moisture %: 15.6

Technician: B. SIVILLI

Remarks:



NUTTING ENGINEERS
OF FLORIDA INC.

By _____ P.E.

JAMES J. FLAIG, #21083

NUTTING ENGINEERS
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ESTABLISHED 1967

Geotechnical & Construction Materials
Hydrogeology & Monitoring Wells
Engineering • Inspection • Testing

Client: Brown & Root Environmental

Project: NTC – Orlando

Location: Orlando, Florida

Sample Number: NTCGTH3900

Description of Soil: Brown Quartz Fine Sand, Slight Trace Silt

ASTM 0-422
Particle Size Analysis of Soil
Hydrometer 152-H, Dispensing Agent NaPo3 4% in 125ml

Sieve Size	Sieve Analysis Passing %
No. 4	100
No. 10	100
No. 40	93.2
No. 200	5.3

Hydrometer Analysis

Sieve Size	% Finer
0.0499mm	5.1
0.0290mm	4.0
0.0130mm	3.5
0.0065mm	3.0
0.0046mm	3.0

8/15/97

James J. Craig P.E. #21083

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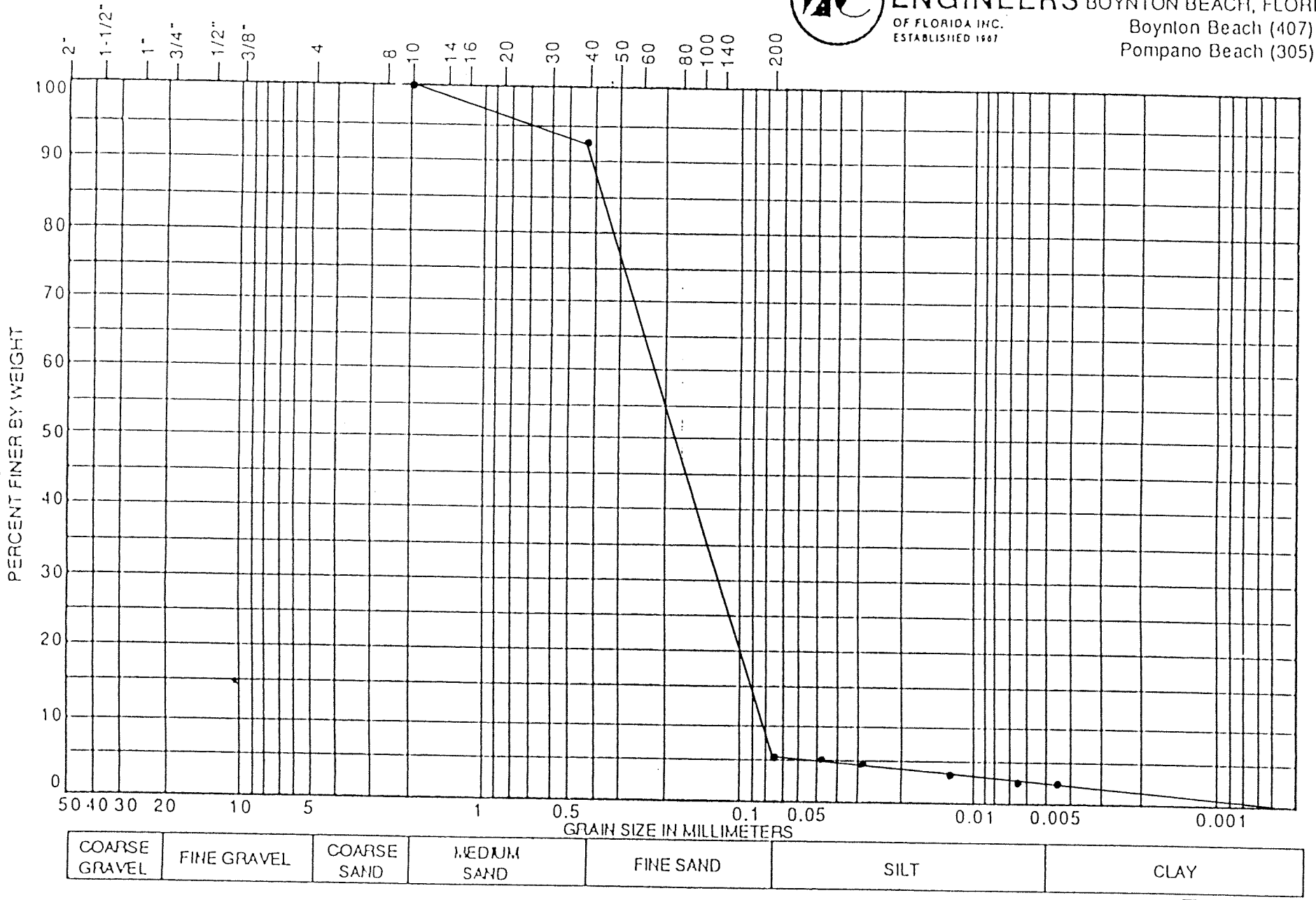

UNIFIED SOIL CLASSIFICATION

PROJECT NTC - ORLANDO BORING NO. OR LOCATION NTCGTH3900

DEPTH N/A MATERIAL DESCRIPTION

NUTTING ENGINEERS
OF FLORIDA INC.
ESTABLISHED 1967

Geotechnical & Construction Materials
Hydrogeology & Monitoring Wells
Engineering • Inspection • Testing

Client: Brown & Root Environmental

Project: NTC-Orlando

ASTM D-5084
Standard Test Method for Measurement of Hydraulic Conductivity of Saturated Porous Materials Using Flexible Wall Permeameter

Sample Number: NTCGTH3900A

Description of Soil: Tan to Brown Quartz Fine Sand, Trace Colloidal Organics

Coefficient of Permeability, K_{20} (cm/s): 1.2×10^{-4}
(saturated specimen)

Coefficient of Permeability (m/s): **1.2×10^{-6}**

Notes:

8/15/97
James J. Haig, P.E. #21083

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Geotechnical & Construction Materials
Hydrogeology & Monitoring Wells
Engineering • Inspection • Testing

Client: Brown & Root Environmental

Project: NTC-Orlando

ASTM D-2937
Standard Test Method for Density of Soil in Place by the Drive-Cylinder Method

Sample Number:	NTCGTH3900A
Description of Soil:	Tan to Brown Quartz Fine Sand, Trace Colloidal Organics
Wet Density (g/cm^3):	1.83
Dry Density (g/cm^3):	1.69
Dry Density (lb/ft^3):	**105.4**
Water Content (%):	8.4

Notes:

James J. Flaig, P.E. #21083

1310 NEPTUNE DRIVE • BOYNTON BEACH, FLORIDA 33426
Boynton Beach (561) 736-4900 • Pompano Beach (954) 941-8700 • Fax (561) 737-9975

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Geotechnical & Construction Materials
Hydrogeology & Monitoring Wells
Engineering • Inspection • Testing

Client: Brown & Root Environmental

Project: NTC-Orlando

ASTM D-5084
Standard Test Method for Measurement of Hydraulic Conductivity of Saturated Porous Materials Using Flexible Wall Permeameter

Sample Number: NTCGTH3900B

Description of Soil: Grey to Brown Quartz Fine Sand, Trace Colloidal Organics

Coefficient of Permeability, K_{20} (cm/s): 3.2×10^{-4}
(saturated specimen)

Coefficient of Permeability (m/s): **3.2×10^{-6}**

Notes:

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Client: Brown & Root Environmental

Project: NTC-Orlando

ASTM D-2937
Standard Test Method for Density of Soil in Place by the Drive-Cylinder Method

Sample Number:	NTCGTH3900B
Description of Soil:	Grey to Brown Quartz Fine Sand, Trace Colloidal Organics
Wet Density (g/cm^3):	1.80
Dry Density (g/cm^3):	1.65
Dry Density (lb/ft^3):	**102.7**
Water Content (%):	9.4

Notes:

James J. Flaig, P.E. #21083

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Geotechnical & Construction Materials
Hydrogeology & Monitoring Wells
Engineering • Inspection • Testing

Client: Brown & Root Environmental
Project: NTC - Orlando
Address: Orlando, FL
Report No.: 1

Sample No.	Water Content
GTH 3900	12.6%
GTH 3200	7.4%
GTH 2900	5.7%
GTI 5600	9.3%
GTI 5800	11.8%
GTI 1900	9.4%
GTS ~~0200~~ 2000 mgc 12/15/98	8.3%
GTS 3200	9.0%
GTS 5200	14.7%
GTS 5000	14.7%
GTI 3900	16.9%
GTI 2700	11.6%
GTS 7200	7.5%
GTI 0100	8.7%
GTS 8000	13.4%
GTI 2100	11.4%
GTI 3000	16.9%
GTI 2500	9.6%
GTI 2300	8.3%
GTI 0400	13.3%
GTI 6000	14.1%
GTH 2200	13.3%
GTH 2500	12.6%
GTH1900	9.5%
GTH1200	10.8%
GTH 0200	9.1%
GTH 0900	12.2%
GTH 0500	10.7%
GTH 9200	10.9%

12/15/98

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Project: **NAVAL TRAINING CENTER** Job Number: **7457-LB033** Sheet **1** of **3**

Manager: **CLIENT** Client: **TETRA TECH NUS** Project Description:

Location: **FL**

Elevation Datum:

Boring Depth Elev.	Specimen Description LL	PL	PI	No 200	Water Content	Organic Content	ASTM Class	K ft/day	Sieve Analysis No 4	No 10	No 40	No 60	No 100
NTC-0129 0.0	47.6	21.5	26.0	75.6					100.0	100.0	99.8	99.6	98.7
NTC-0140 0.0	64.7	25.0	40.0	98.9					100.0	100.0	99.9	99.8	99.6
NTC-0205 0.0				6.4	6.7				99.8	99.6	91.6	64.0	24.5
NTC-0215 0.0				7.3	22.7				100.0	100.0	96.9	80.7	12.0
NTC-0220 0.0				7.1	18.8				100.0	99.6	95.6	77.9	20.2
NTC-0225 0.0				9.1	18.1				99.6	99.3	95.9	82.2	18.6
NTC-0230 0.0				27.1	19.6				100.0	99.6	97.6	91.0	64.0
NTC-0232 0.0				56.9	32.0				100.0	100.0	97.9	94.2	86.1
NTC-0235 0.0	41.1	14.8	26.0	55.4					100.0	100.0	98.1	96.3	84.4
NTC-0333 0.0	73.3	24.5	48.0	90.2					100.0	100.0	99.8	99.4	98.7
NTC-0348 0.0	48.5	37.2	12.0	73.9					100.0	100.0	97.9	97.1	90.0
NTC-0433 0.0	83.3	28.6	54.0	95.2					100.0	100.0	99.8	99.8	99.6
NTC-0715 0.0				18.4	15.4				100.0	100.0	94.9	74.1	36.4
NTC-0805 0.0				5.2	16.7				100.0	99.9	91.4	63.0	22.3
NTC-0815 0.0				7.3	18.6				100.0	100.0	96.9	74.5	16.5
NTC-0820 0.0				8.9	16.1				100.0	100.0	90.9	60.8	20.2
NTC-0825 0.0				4.0	14.5				100.0	100.0	87.9	52.9	12.3
NTC-0827 0.0				7.4	17.0				100.0	100.0	98.5	87.7	16.7

Summary of Material Properties

UNIVERSAL ENGINEERING SCIENCES, INC.
ORLANDO, FLORIDA

Manager: CLIENT Client: TETRA TECH NUS Project Description:

Location: FL

Elevation Datum:

Boring Depth Elev.	Specimen Description LL	PL	PI	No 200	Water Content	Organic Content	ASTM Class	K ft/day	Sieve Analysis No 4	No 10	No 40	No 60	No 100
NTC-0829 0.0				3.2	16.5				100.0	99.8	89.8	58.8	17.1
NTC-0831 0.0				10.4	13.0				100.0	100.0	99.6	95.7	54.8
NTC-0833 0.0				16.8	21.4				100.0	100.0	99.5	94.5	55.8
NTC-0835 0.0				24.9	21.9				100.0	100.0	98.6	95.1	71.0
NTC-0837 0.0				53.0	35.7				100.0	100.0	99.2	95.8	82.2
NTC-0915 0.0				5.9	16.8				100.0	100.0	91.3	64.5	24.2
NTC-1015 0.0				6.4	21.1				100.0	99.9	92.3	64.3	21.9
NTC-1505 0.0				6.4	6.3				100.0	100.0	92.8	67.6	26.8
NTC-1515 0.0				7.7	20.3				100.0	100.0	92.2	68.0	25.4
NTC-1525 0.0				13.0	21.5				100.0	100.0	94.8	81.6	33.1
NTC-1925 0.0				7.6	23.9				100.0	100.0	98.7	89.3	21.1
NTC-2025 0.0				8.8	20.6				100.0	99.9	96.0	82.1	27.4
NTC-2027 0.0				8.8	15.0				100.0	100.0	99.2	91.0	22.5
NTC-2029 0.0				14.9	23.4				99.8	99.7	98.1	92.6	64.1
NTC-2033 0.0				21.5	24.8				99.8	99.5	98.0	93.7	69.8
NTC-2035 0.0				47.7	36.9				100.0	99.9	99.2	95.1	72.5
NTC-2205 0.0				7.3	14.6				100.0	100.0	90.5	68.5	29.4
NTC-2210 0.0				9.2	12.1				100.0	99.7	88.2	66.3	28.9

Summary of Material Properties

UNIVERSAL ENGINEERING SCIENCES, INC.
ORLANDO, FLORIDA

Project: **NAVAL TRAINING CENTER** Job Number: **7457-LB033** Sheet 3 of 3

Manager: **CLIENT** Client: **TETRA TECH NUS** Project Description:

Location: **FL**

Elevation Datum:

Boring Depth Elev.	Specimen Description LL	PL	PI	No 200	Water Content	Organic Content	ASTM Class	K ft/day	Sieve Analysis No 4	No 10	No 40	No 60	No 100
NTC-2215 0.0				11.9	13.7				100.0	99.8	88.3	62.1	24.7
NTC-2225 0.0				7.9	21.2				100.0	99.9	97.9	87.6	15.9
NTC-3037 0.0				34.8	22.3				99.4	99.1	97.6	91.8	65.3

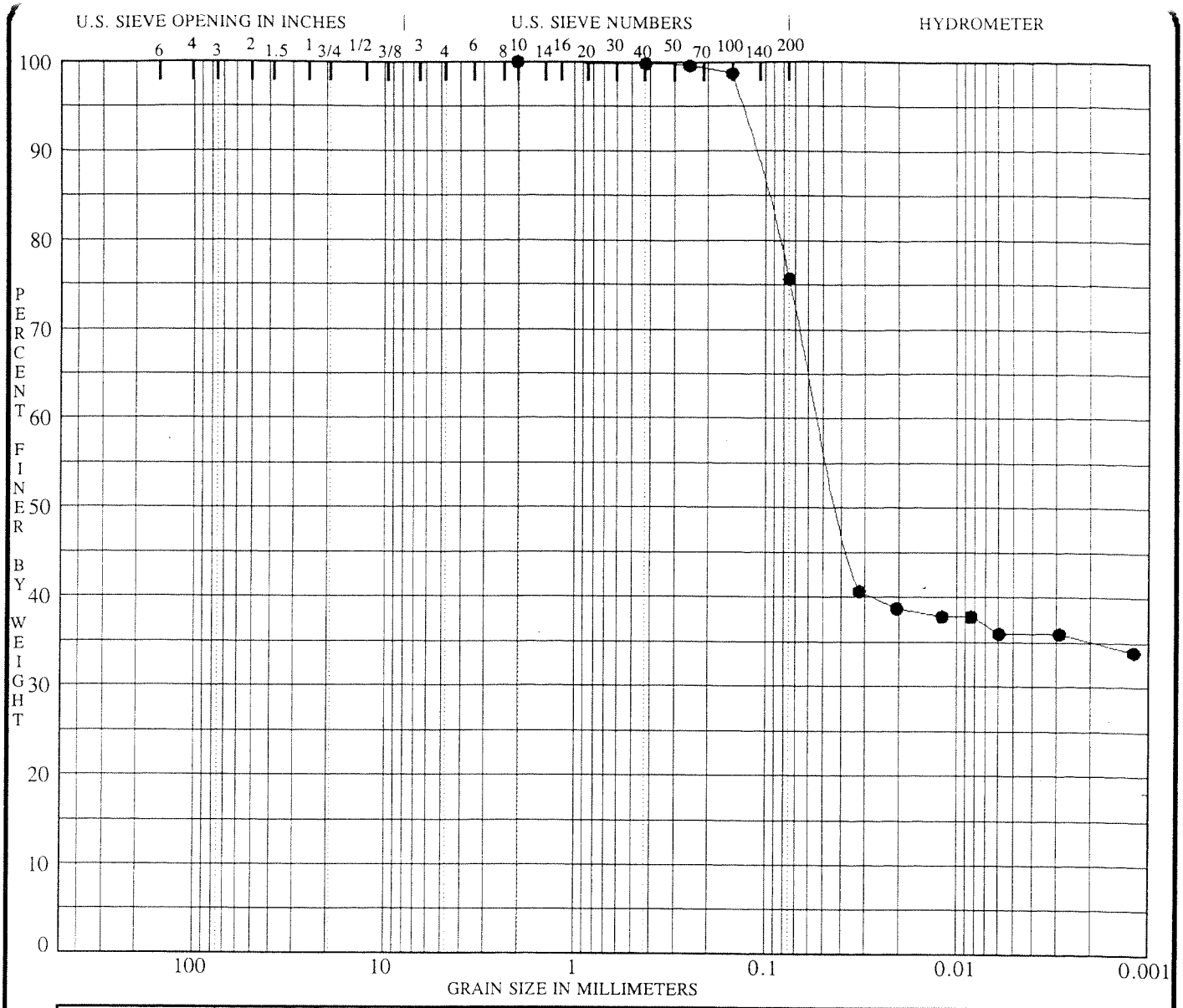
Summary of Material Properties	UNIVERSAL ENGINEERING SCIENCES, INC. ORLANDO, FLORIDA	

UNIVERSAL ENGINEERING SCIENCES
ORLANDO, FLORIDA

DEC0798 13:58

ëëëëëëëëë Specific Gravity results in PROJECT ID LB033 - Address 2307 ëëëëëëëë

POINT ID	DEPTH	SG	LAST UPDATE
NTC-0129	0.00	2.717	12/07/98 13:14
NTC-0140	0.00	2.629	12/07/98 13:13
NTC-0235	0.00	2.532	12/07/98 13:13
NTC-0333	0.00	2.785	12/07/98 13:13
NTC-0348	0.00	2.842	12/07/98 13:15
NTC-0433	0.00	2.787	12/07/98 13:12



COBBLES	GRAVEL		SAND			SILT OR CLAY
	coarse	fine	coarse	medium	fine	

Specimen Identification		Classification	MC%	LL	PL	PI	Cc	Cu
● NTC-0129	0.0			48	22	26		

Specimen Identification		D100	D60	D30	D10	%Gravel	%Sand	%Silt	%Clay
● NTC-0129	0.0	2.00	0.05			0.0	24.4	39.7	35.9

PROJECT NAVAL TRAINING CENTER - FL

JOB NO. 7457-LB033

DATE 12/07/98

GRADATION CURVES

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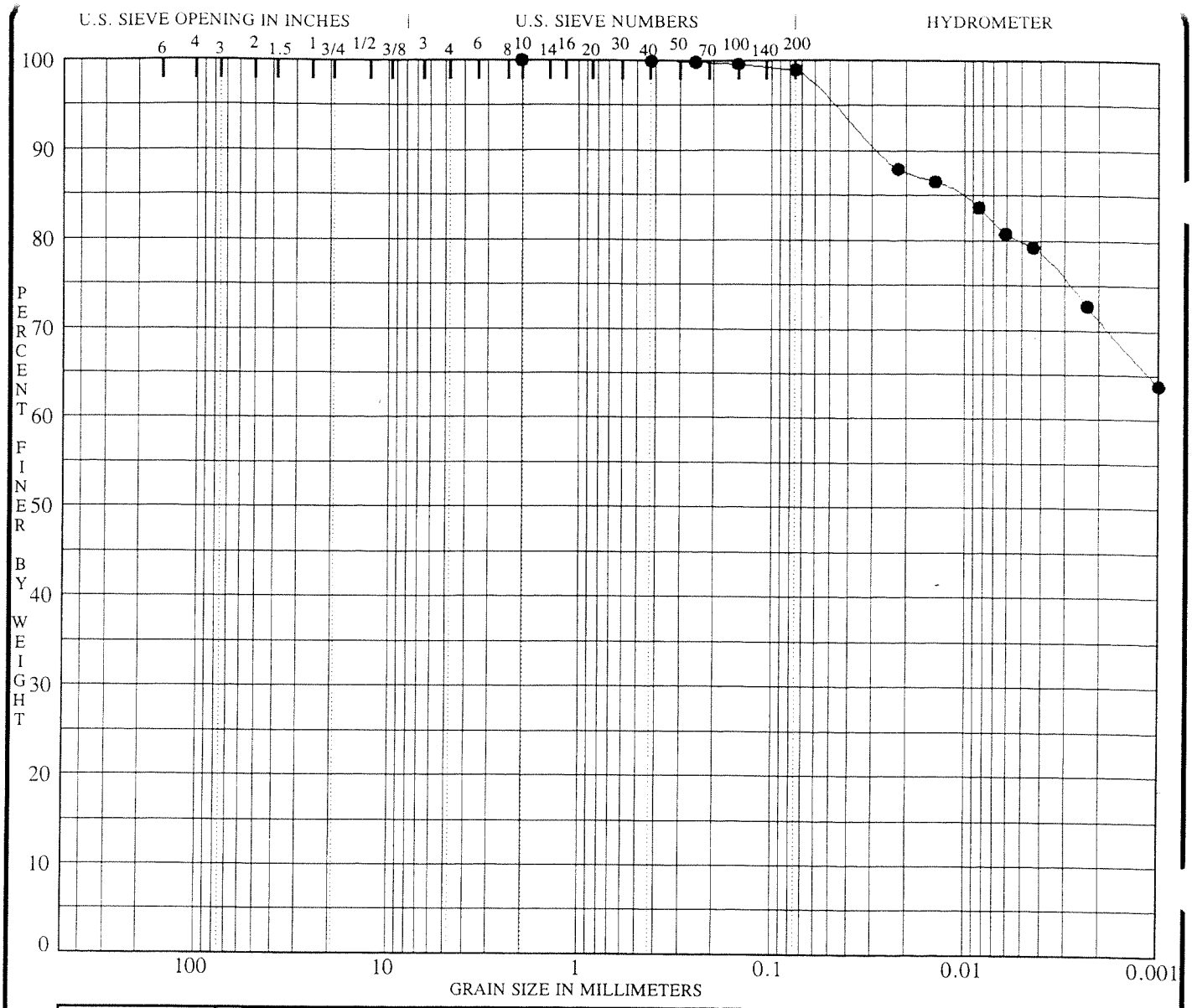

COBBLES	GRAVEL		SAND			SILT OR CLAY
	coarse	fine	coarse	medium	fine	

Specimen Identification		Classification	MC%	LL	PL	PI	Cc	Cu
● NTC-0140	0.0			65	25	40		

Specimen Identification		D100	D60	D30	D10	%Gravel	%Sand	%Silt	%Clay
● NTC-0140	0.0	2.00	0.00			0.0	1.1	19.1	79.8

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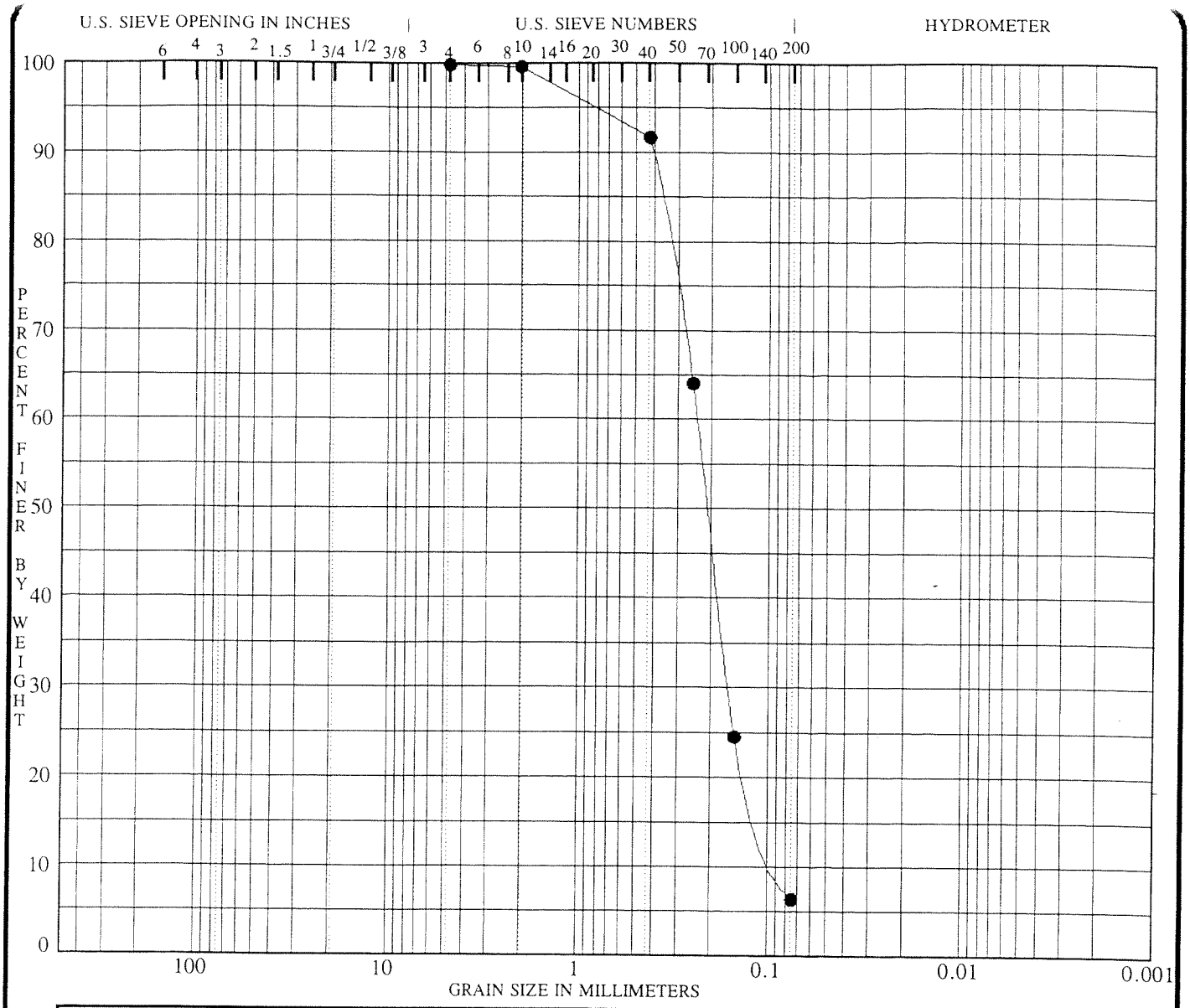

COBBLES	GRAVEL		SAND			SILT OR CLAY
	coarse	fine	coarse	medium	fine	

Specimen Identification		Classification	MC%	LL	PL	PI	Cc	Cu
● NTC-0205	0.0		7					

Specimen Identification		D100	D60	D30	D10	%Gravel	%Sand	%Silt	%Clay
● NTC-0205	0.0		0.24	0.161	0.0861		93.4	6.4	

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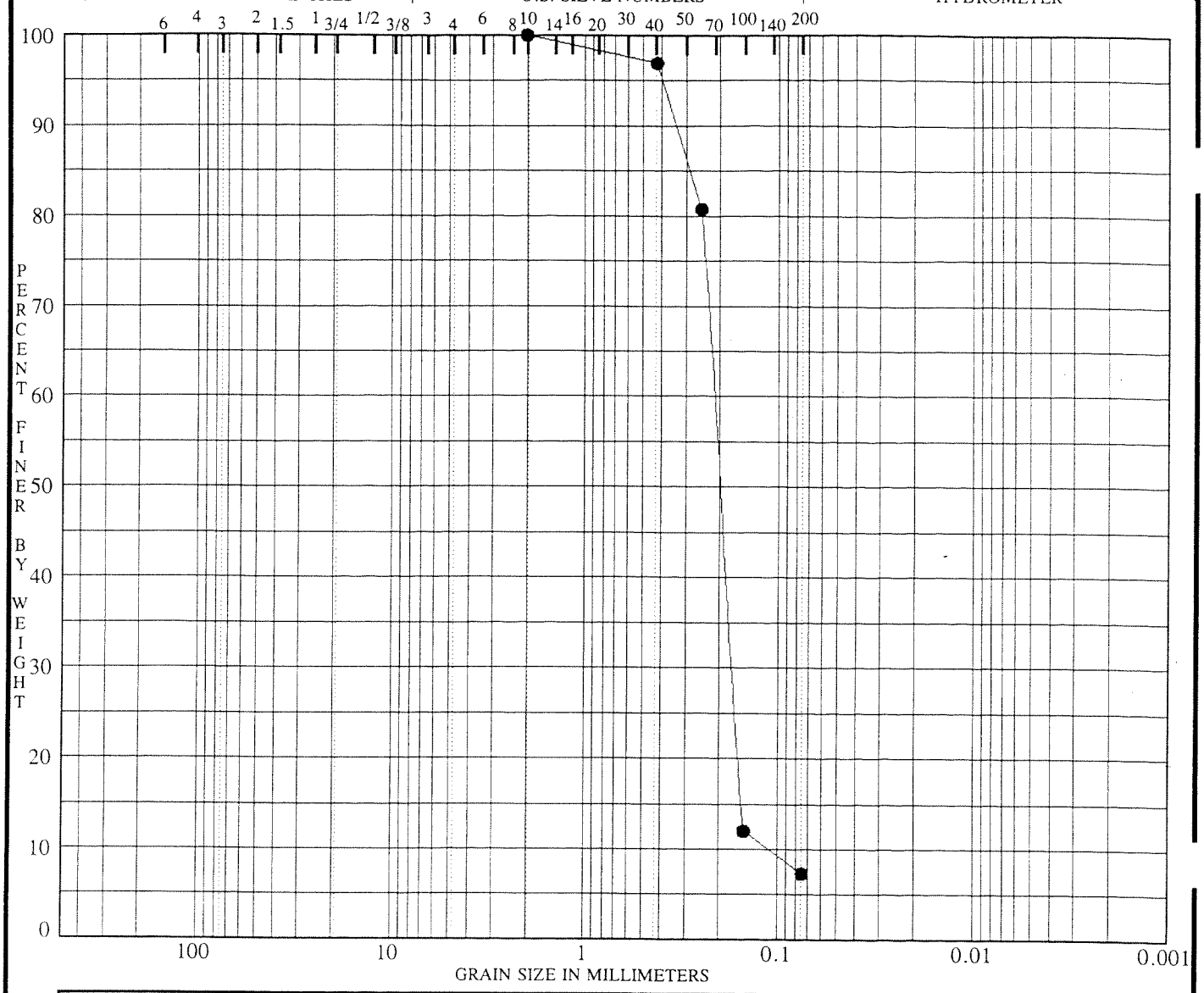

COBBLES	GRAVEL		SAND			SILT OR CLAY
	coarse	fine	coarse	medium	fine	

Specimen Identification		Classification	MC%	LL	PL	PI	Cc	Cu
● NTC-0215	0.0		23				1.23	1.9

Specimen Identification		D100	D60	D30	D10	%Gravel	%Sand	%Silt	%Clay
● NTC-0215	0.0	2.00	0.21	0.172	0.1117	0.0	92.7	7.3	

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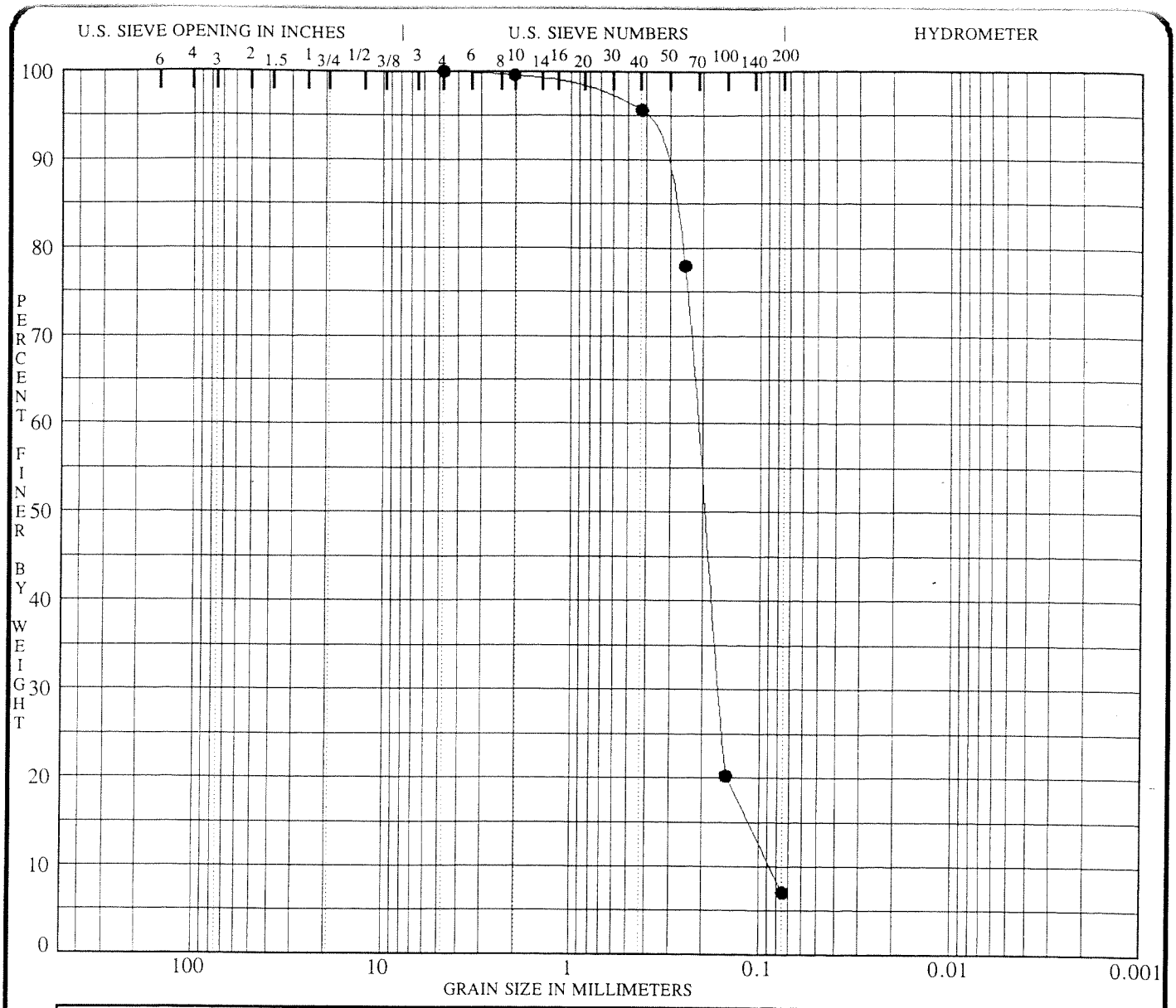

COBBLES	GRAVEL		SAND			SILT OR CLAY
	coarse	fine	coarse	medium	fine	

Specimen Identification		Classification	MC%	LL	PL	PI	Cc	Cu
● NTC-0220	0.0		19				1.43	2.4

Specimen Identification		D100	D60	D30	D10	%Gravel	%Sand	%Silt	%Clay
● NTC-0220	0.0	4.75	0.21	0.164	0.0874	0.0	92.9	7.1	

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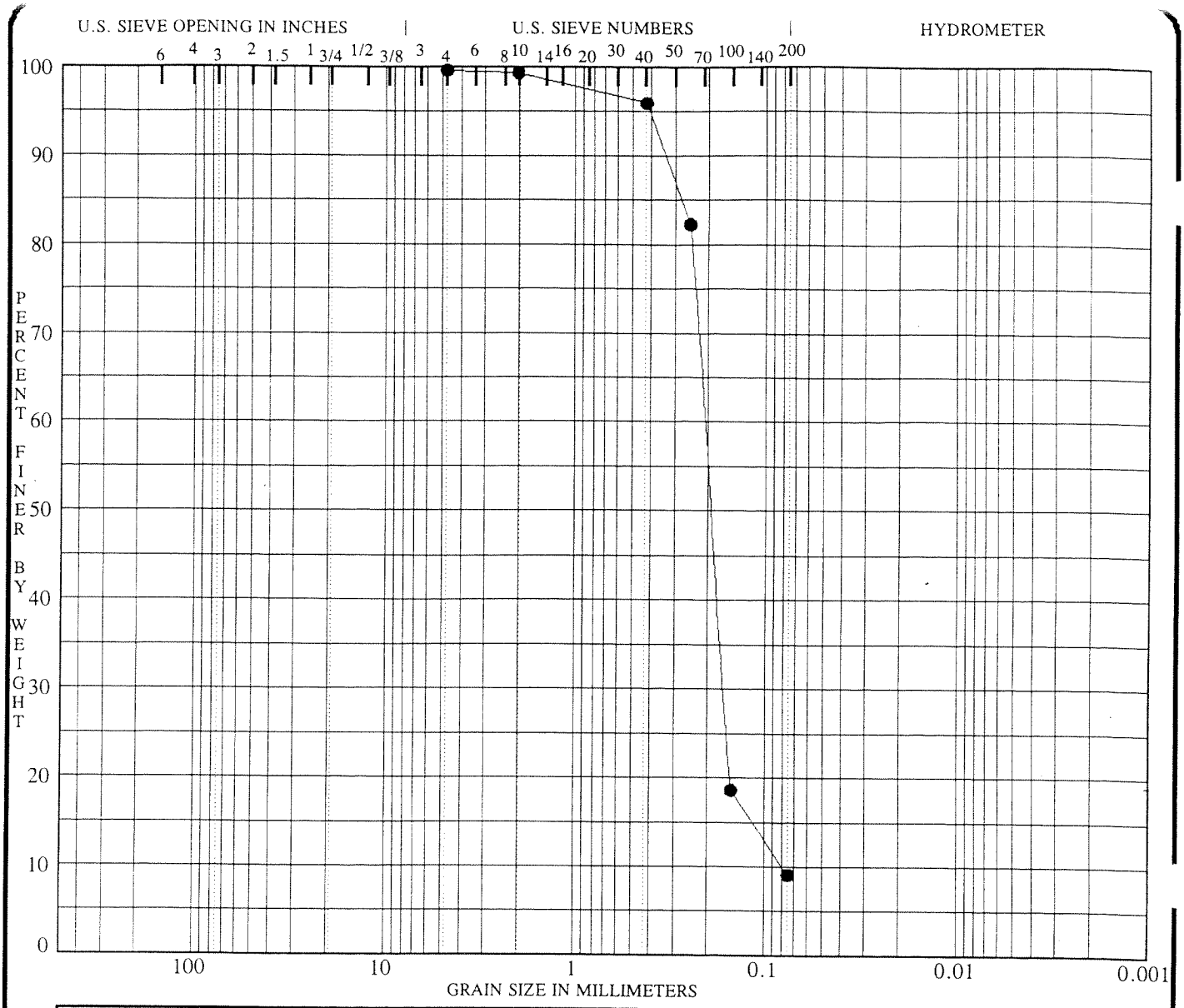

COBBLES	GRAVEL		SAND			SILT OR CLAY
	coarse	fine	coarse	medium	fine	

	Specimen Identification		Classification	MC%	LL	PL	PI	Cc	Cu
●	NTC-0225	0.0		18					

	Specimen Identification		D100	D60	D30	D10	%Gravel	%Sand	%Silt	%Clay
●	NTC-0225	0.0		0.21	0.164	0.0801		90.5	9.1	

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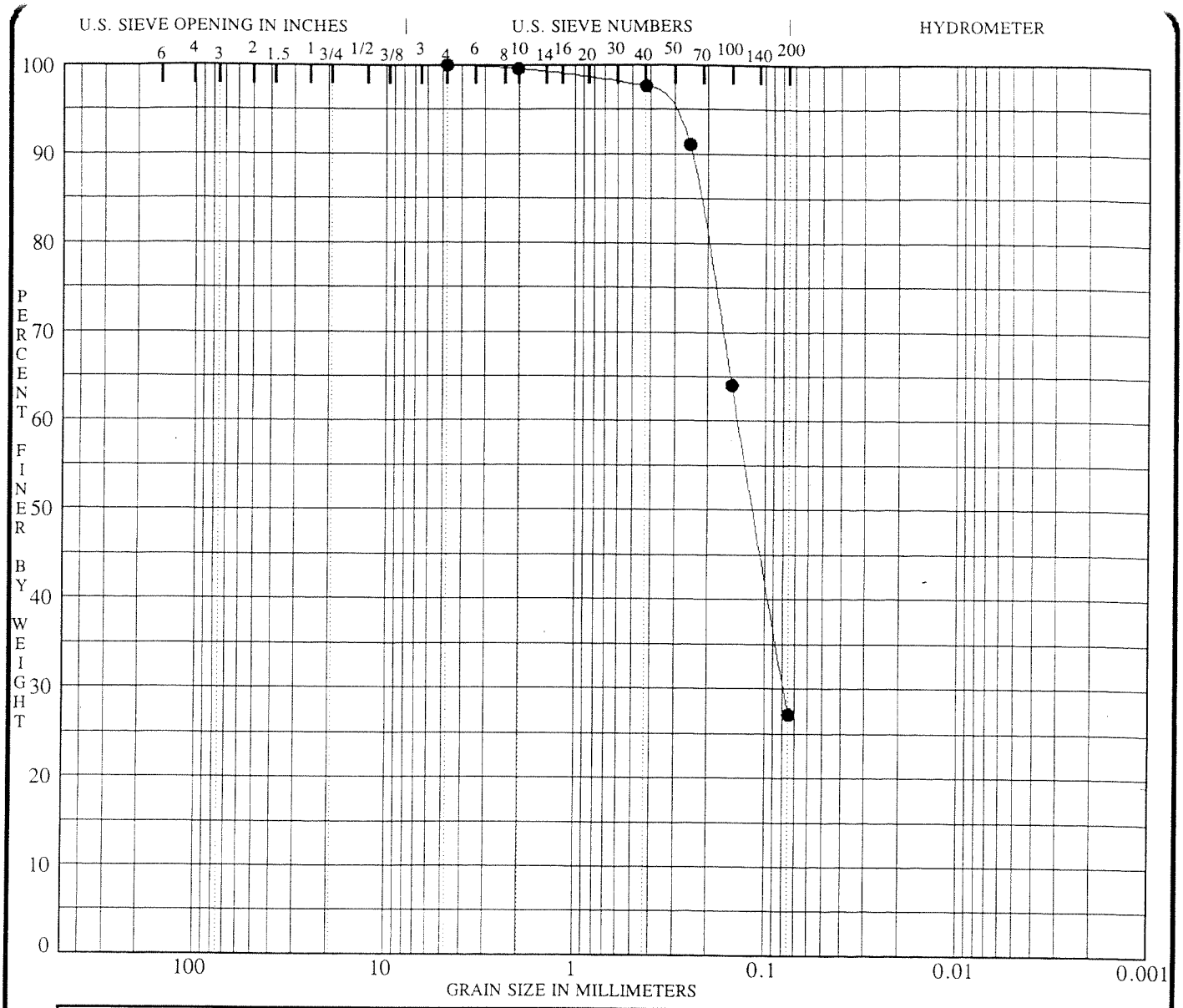

COBBLES	GRAVEL		SAND			SILT OR CLAY
	coarse	fine	coarse	medium	fine	

	Specimen Identification		Classification	MC%	LL	PL	PI	Cc	Cu
●	NTC-0230	0.0		20					

	Specimen Identification		D100	D60	D30	D10	%Gravel	%Sand	%Silt	%Clay
●	NTC-0230	0.0	4.75	0.14	0.079		0.0	72.9	27.1	

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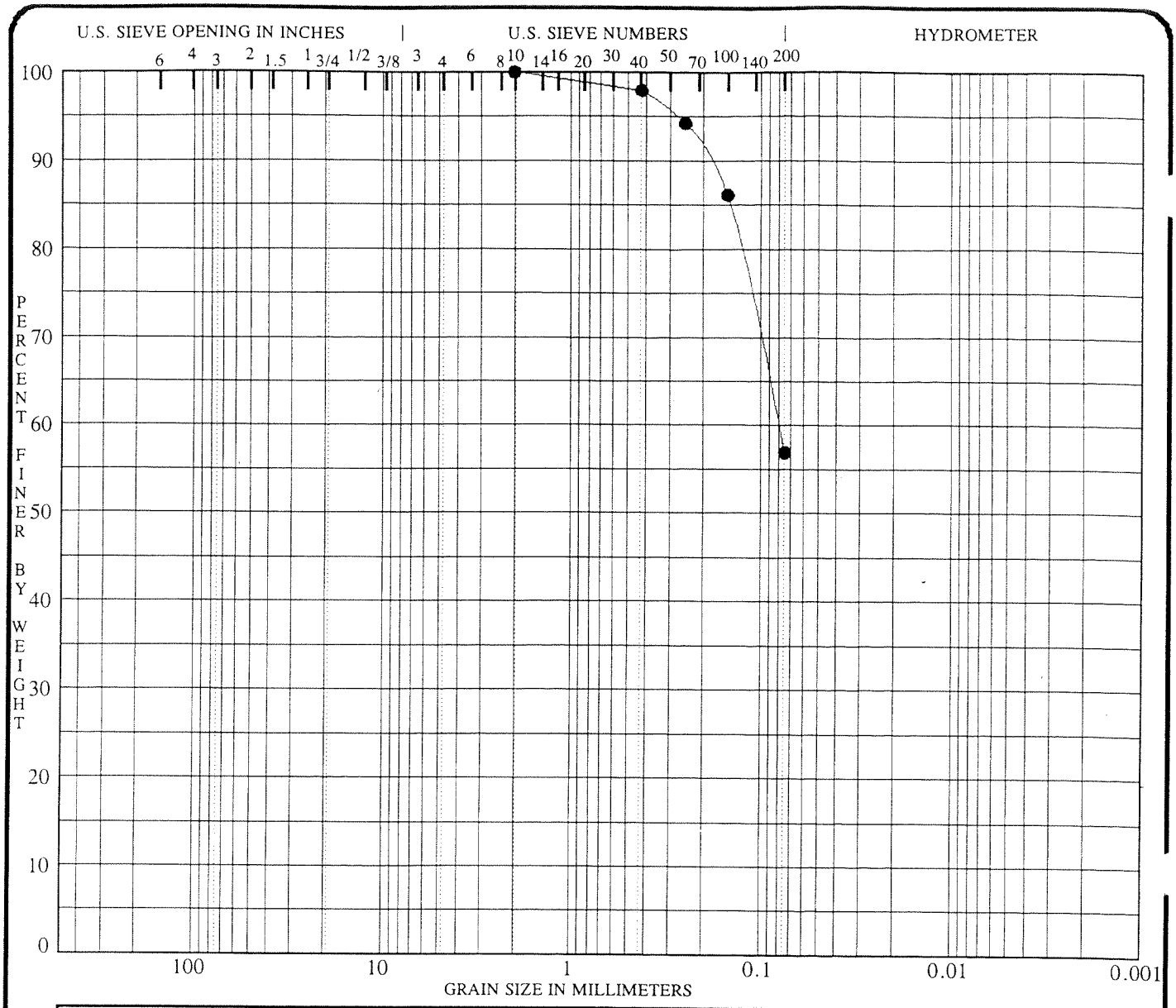

COBBLES	GRAVEL		SAND			SILT OR CLAY
	coarse	fine	coarse	medium	fine	

Specimen Identification		Classification	MC%	LL	PL	PI	Cc	Cu
● NTC-0232	0.0		32					

Specimen Identification		D100	D60	D30	D10	%Gravel	%Sand	%Silt	%Clay
● NTC-0232	0.0	2.00	0.08			0.0	43.1	56.9	

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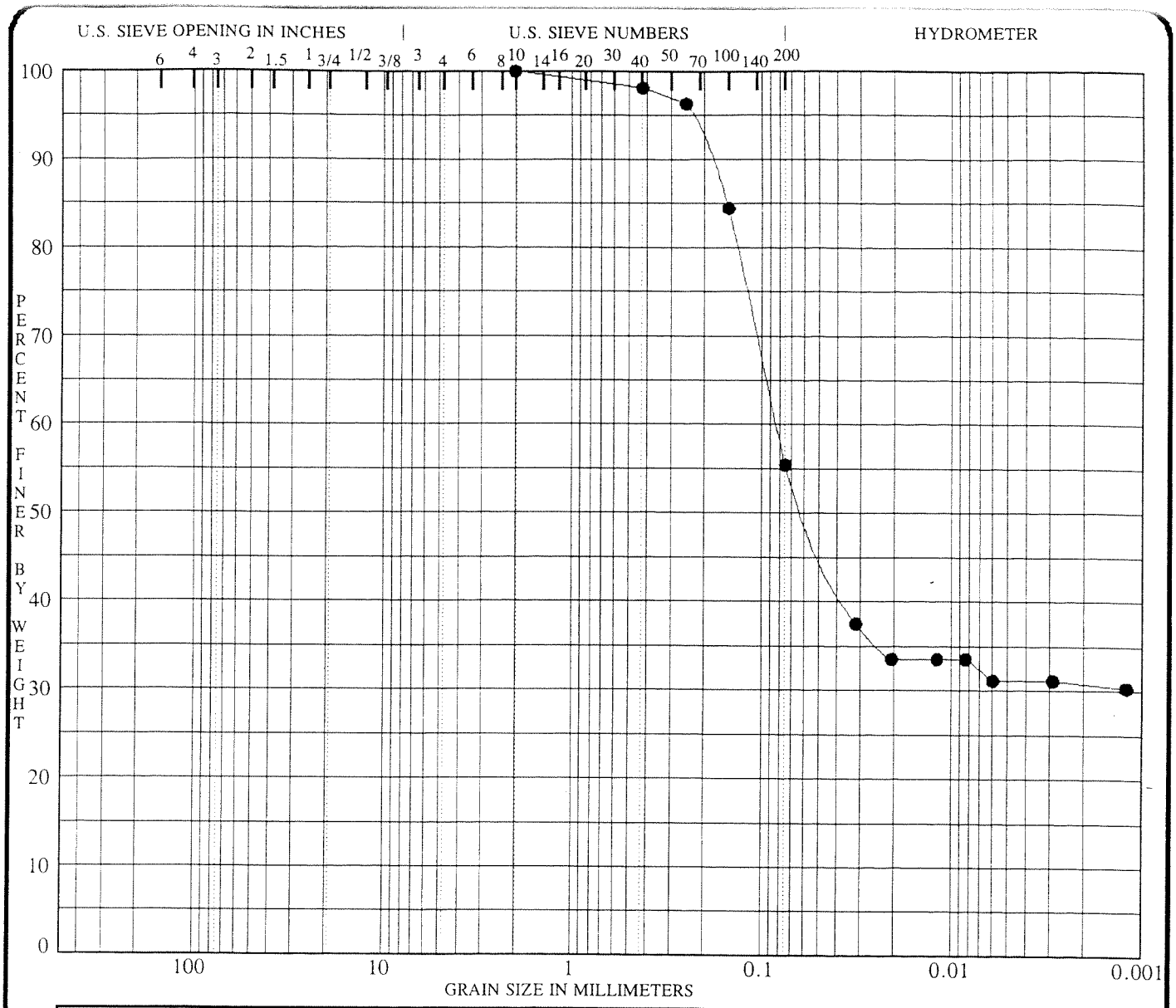

COBBLES	GRAVEL		SAND			SILT OR CLAY
	coarse	fine	coarse	medium	fine	

Specimen Identification		Classification	MC%	LL	PL	PI	Cc	Cu
● NTC-0235	0.0			41	15	26		

Specimen Identification		D100	D60	D30	D10	%Gravel	%Sand	%Silt	%Clay
● NTC-0235	0.0	2.00	0.08			0.0	44.6	24.3	31.1

PROJECT NAVAL TRAINING CENTER - FL

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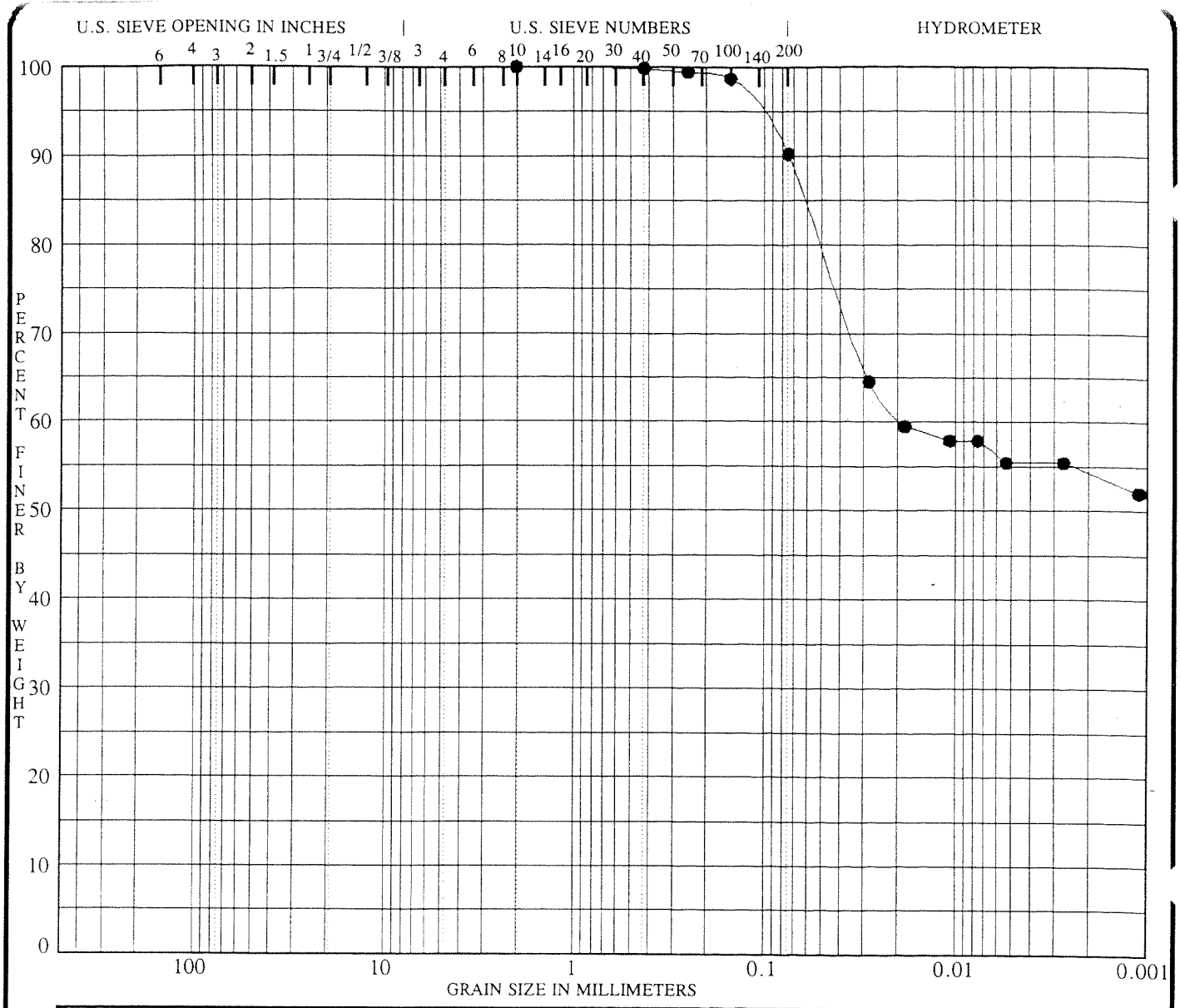

COBBLES	GRAVEL		SAND			SILT OR CLAY
	coarse	fine	coarse	medium	fine	

Specimen Identification		Classification	MC%	LL	PL	PI	Cc	Cu
● NTC-0333	0.0			73	25	49		

Specimen Identification		D100	D60	D30	D10	%Gravel	%Sand	%Silt	%Clay
● NTC-0333	0.0	2.00	0.02			0.0	9.8	34.8	55.4

PROJECT NAVAL TRAINING CENTER - FL

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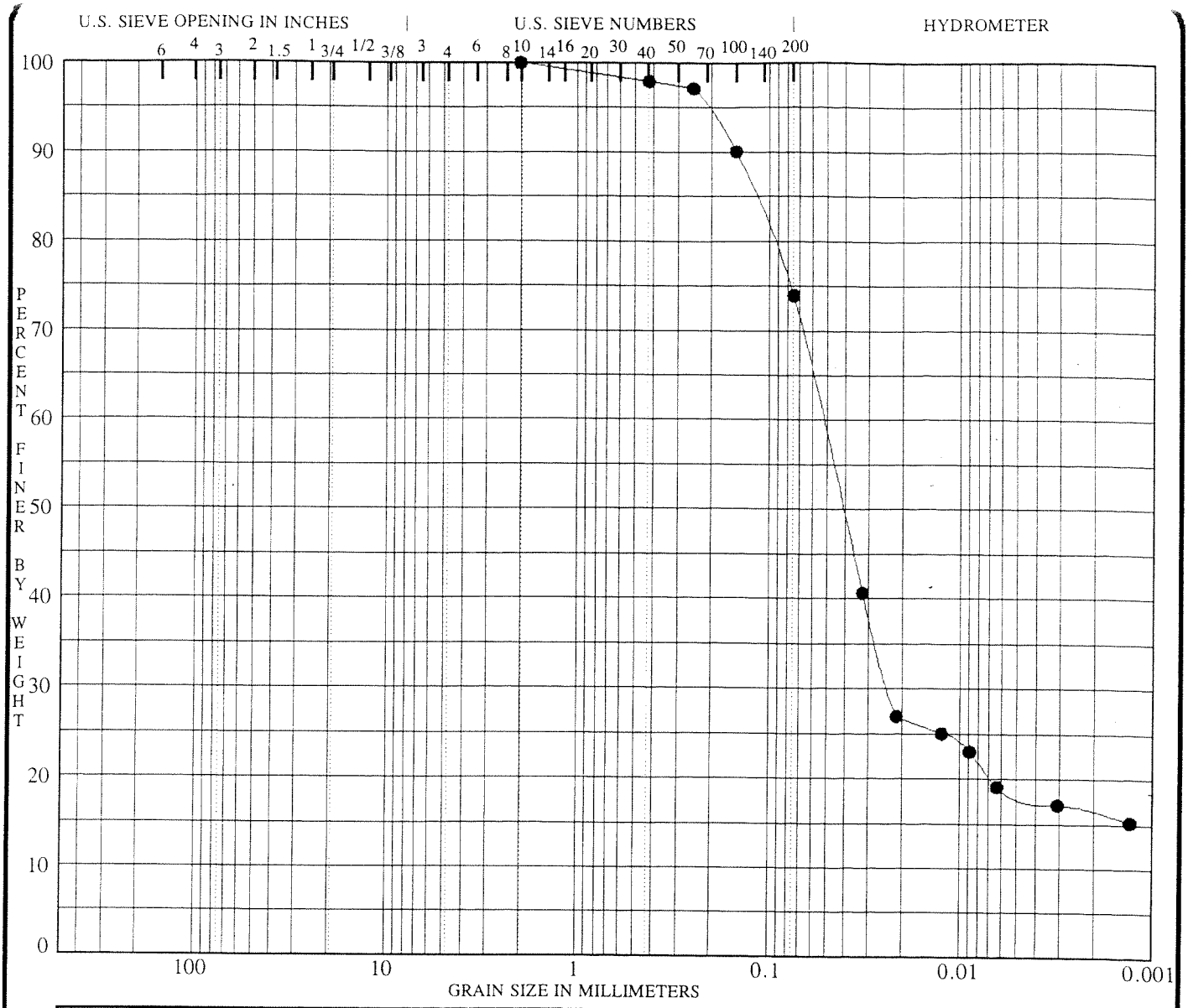

COBBLES	GRAVEL		SAND			SILT OR CLAY
	coarse	fine	coarse	medium	fine	

Specimen Identification		Classification	MC%	LL	PL	PI	Cc	Cu
● NTC-0348	0.0			49	37	11		

Specimen Identification		D100	D60	D30	D10	%Gravel	%Sand	%Silt	%Clay
● NTC-0348	0.0	2.00	0.05	0.024		0.0	26.1	55.5	18.4

PROJECT NAVAL TRAINING CENTER - FL

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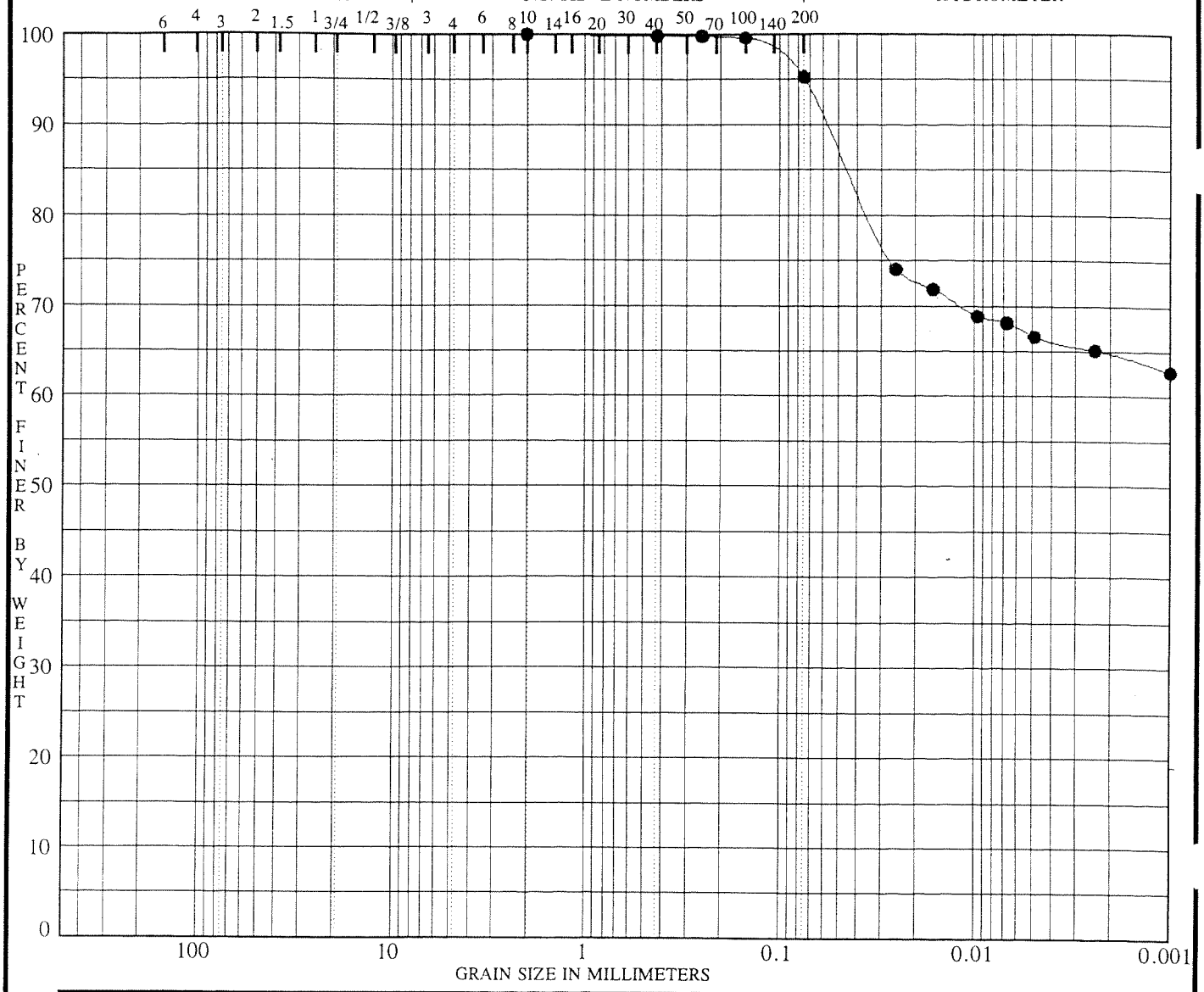

COBBLES	GRAVEL		SAND			SILT OR CLAY
	coarse	fine	coarse	medium	fine	

	Specimen Identification		Classification	MC%	LL	PL	PI	Cc	Cu
●	NTC-0433	0.0			83	29	55		

	Specimen Identification		D100	D60	D30	D10	%Gravel	%Sand	%Silt	%Clay
●	NTC-0433	0.0	2.00				0.0	4.8	28.5	66.7

PROJECT NAVAL TRAINING CENTER - FL

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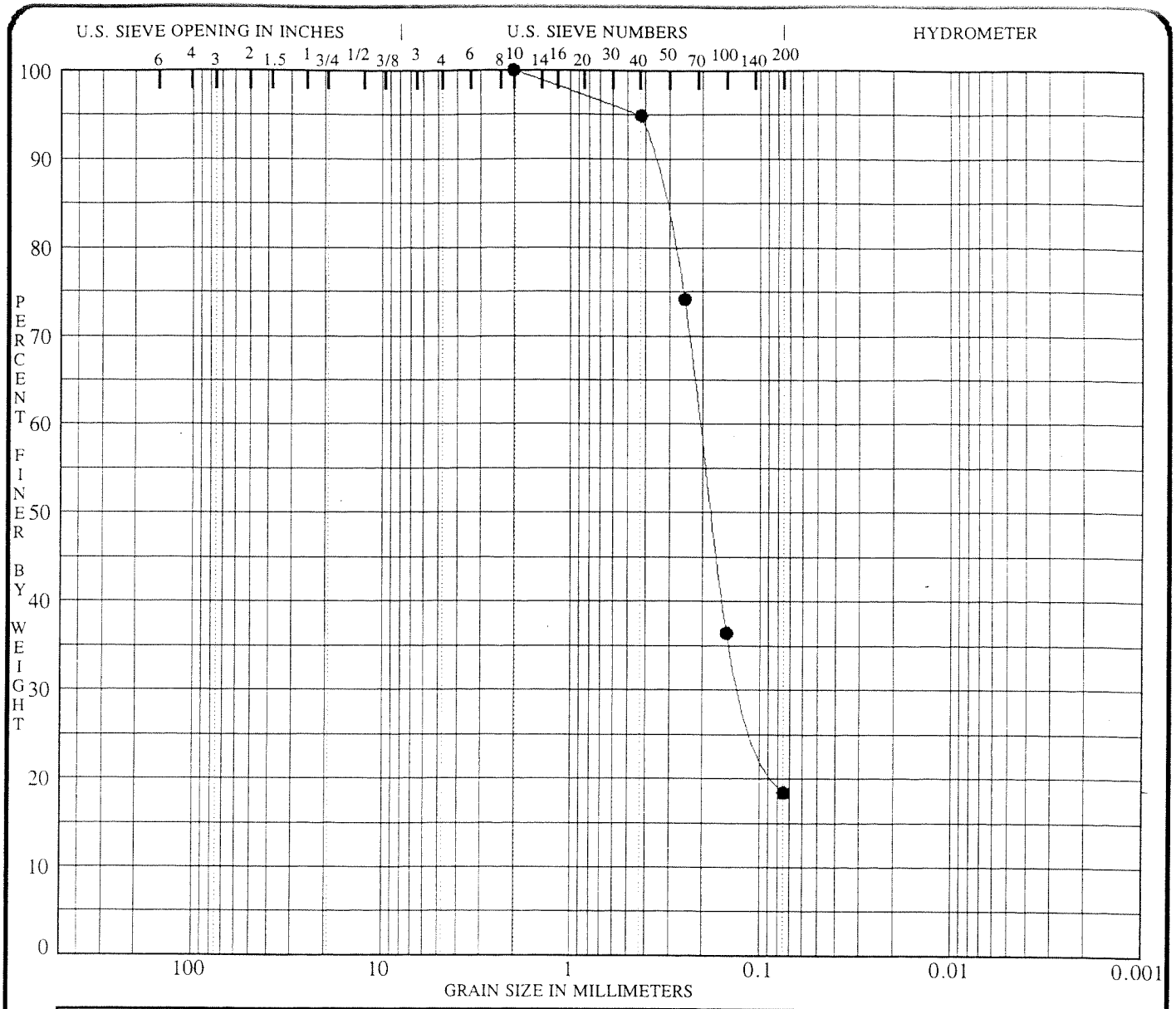

COBBLES	GRAVEL		SAND			SILT OR CLAY
	coarse	fine	coarse	medium	fine	

	Specimen Identification		Classification	MC%	LL	PL	PI	Cc	Cu
●	NTC-0715	0.0		15					

	Specimen Identification		D100	D60	D30	D10	%Gravel	%Sand	%Silt	%Clay
●	NTC-0715	0.0	2.00	0.21	0.117		0.0	81.6	18.4	

PROJECT NAVAL TRAINING CENTER - FL

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GRADATION CURVES

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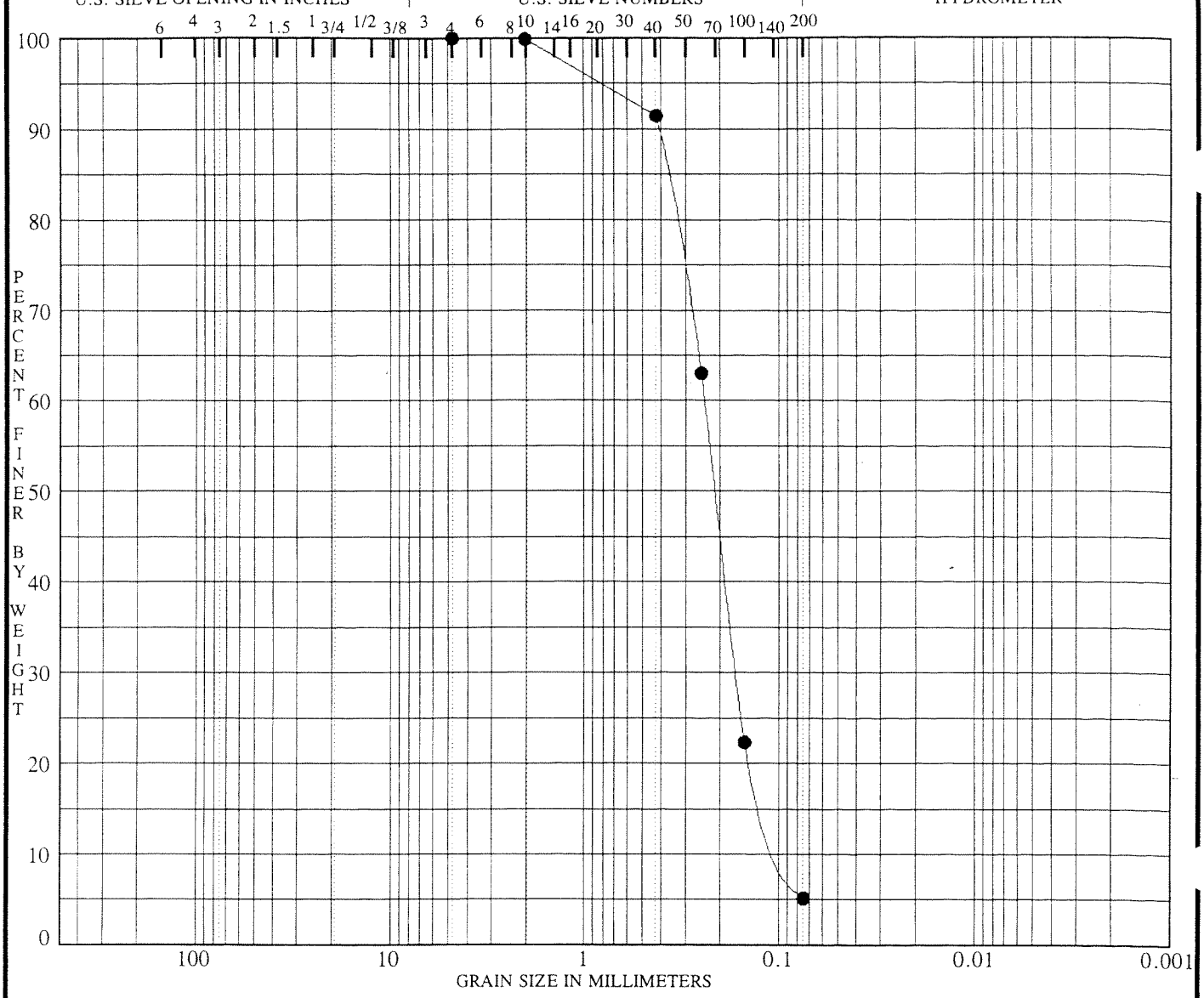

COBBLES	GRAVEL		SAND			SILT OR CLAY
	coarse	fine	coarse	medium	fine	

Specimen Identification		Classification	MC%	LL	PL	PI	Cc	Cu
● NTC-0805	0.0		17				1.24	2.6

Specimen Identification		D100	D60	D30	D10	%Gravel	%Sand	%Silt	%Clay
● NTC-0805	0.0	4.75	0.24	0.165	0.0911	0.0	94.8	5.2	

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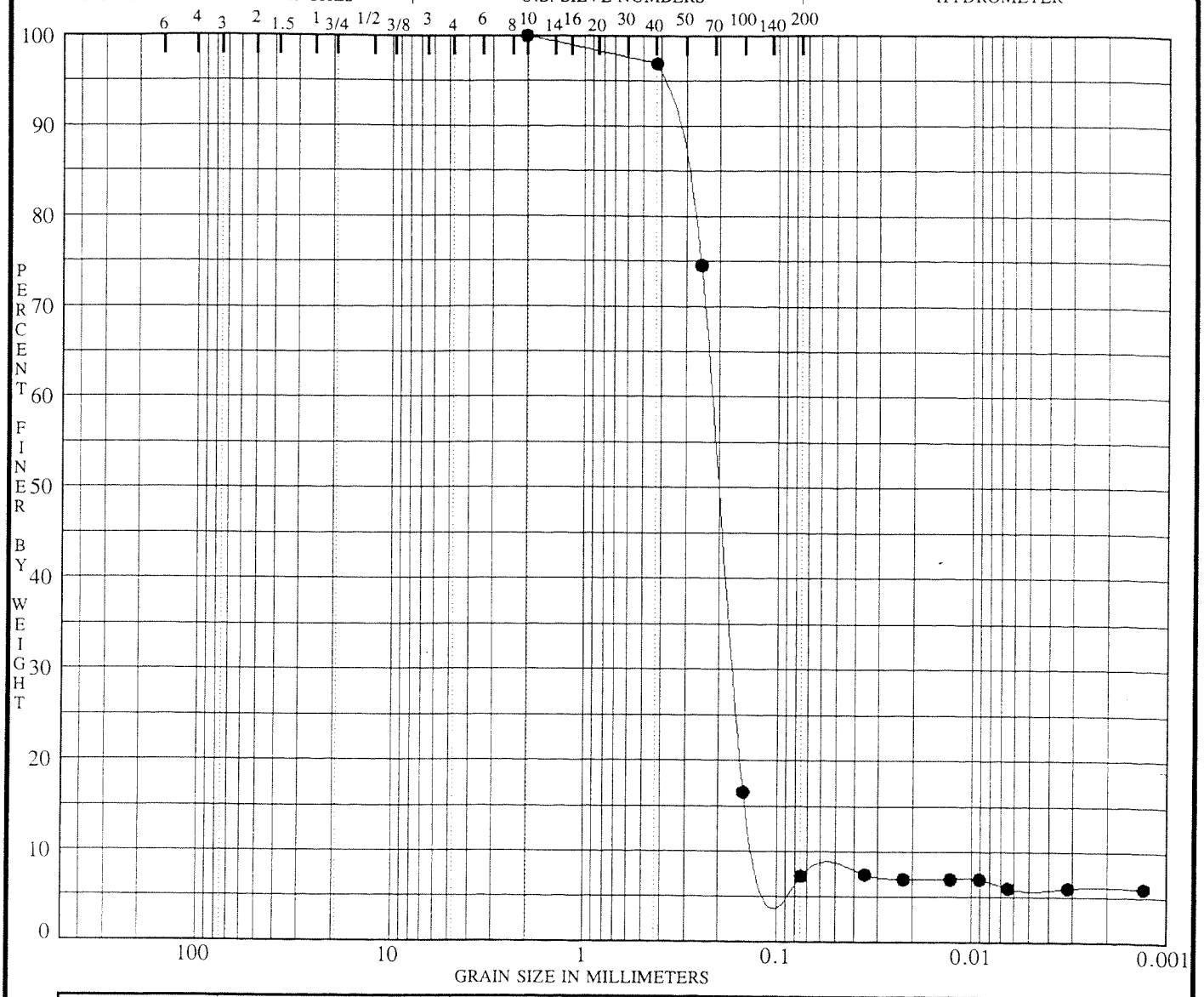

COBBLES	GRAVEL		SAND			SILT OR CLAY
	coarse	fine	coarse	medium	fine	

	Specimen Identification		Classification	MC%	LL	PL	PI	Cc	Cu
●	NTC-0815	0.0		19				1.41	2.4

	Specimen Identification		D100	D60	D30	D10	%Gravel	%Sand	%Silt	%Clay
●	NTC-0815	0.0	2.00	0.22	0.169	0.0919	0.0	92.7	1.3	6.0

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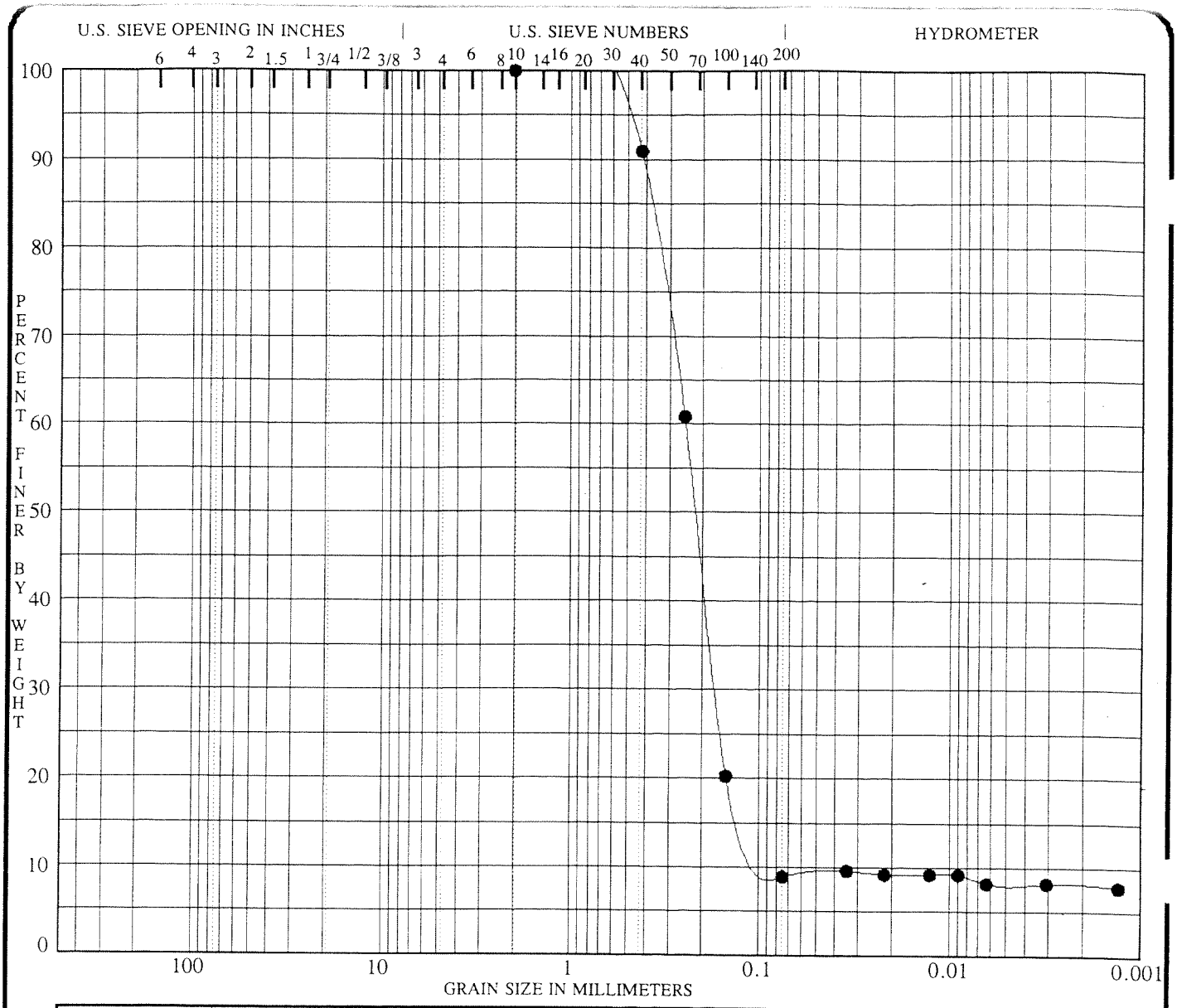

COBBLES	GRAVEL		SAND			SILT OR CLAY
	coarse	fine	coarse	medium	fine	

	Specimen Identification		Classification	MC%	LL	PL	PI	Cc	Cu
●	NTC-0820	0.0		16				1.45	3.1

	Specimen Identification		D100	D60	D30	D10	%Gravel	%Sand	%Silt	%Clay
●	NTC-0820	0.0	2.00	0.25	0.170	0.0802	0.0	91.1	0.7	8.2

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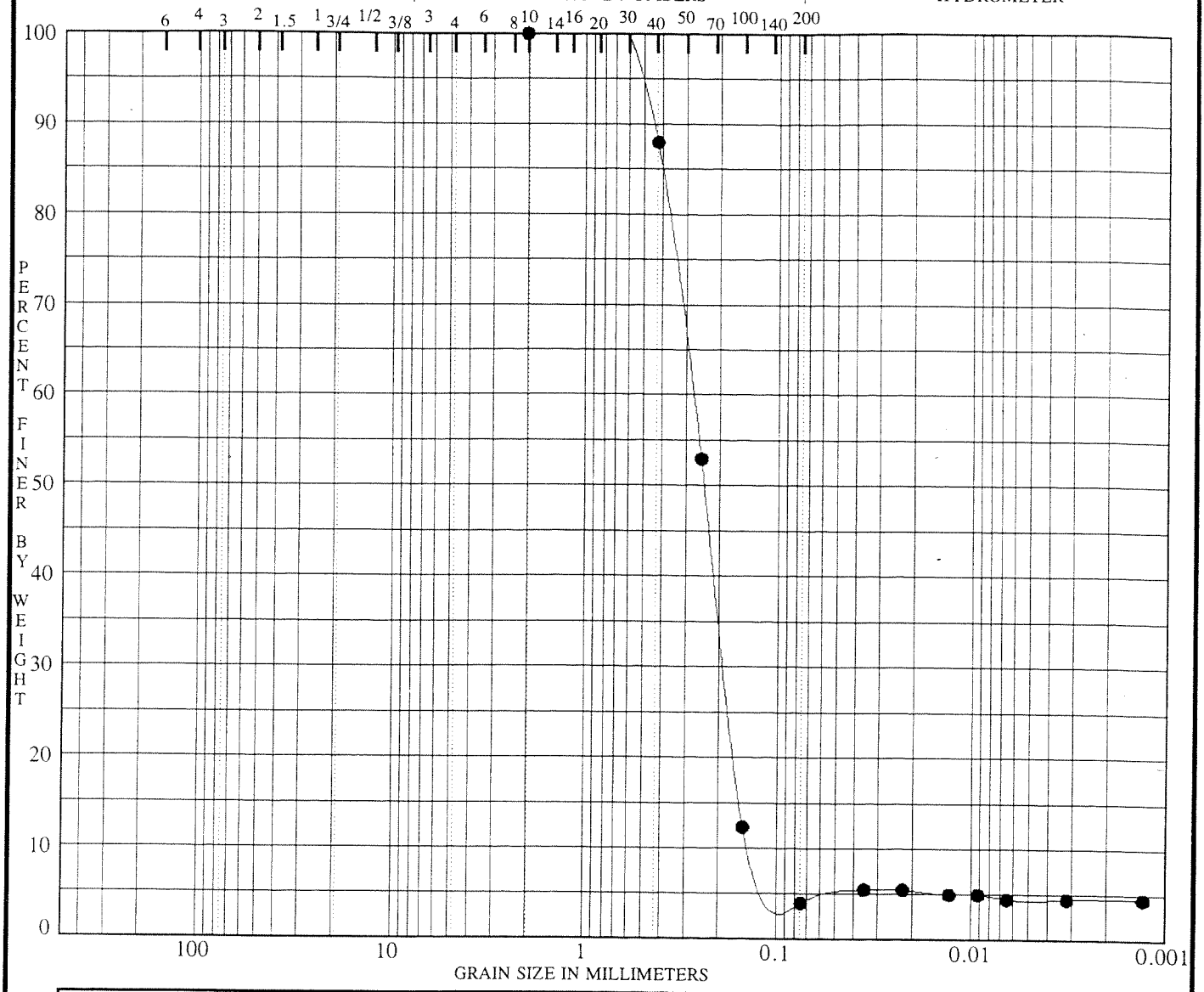

COBBLES	GRAVEL		SAND			SILT OR CLAY
	coarse	fine	coarse	medium	fine	

Specimen Identification		Classification	MC%	LL	PL	PI	Cc	Cu
● NTC-0825	0.0		15				1.02	2.2

Specimen Identification		D100	D60	D30	D10	%Gravel	%Sand	%Silt	%Clay
● NTC-0825	0.0	2.00	0.28	0.187	0.1238	0.0	96.0	-0.5	4.5

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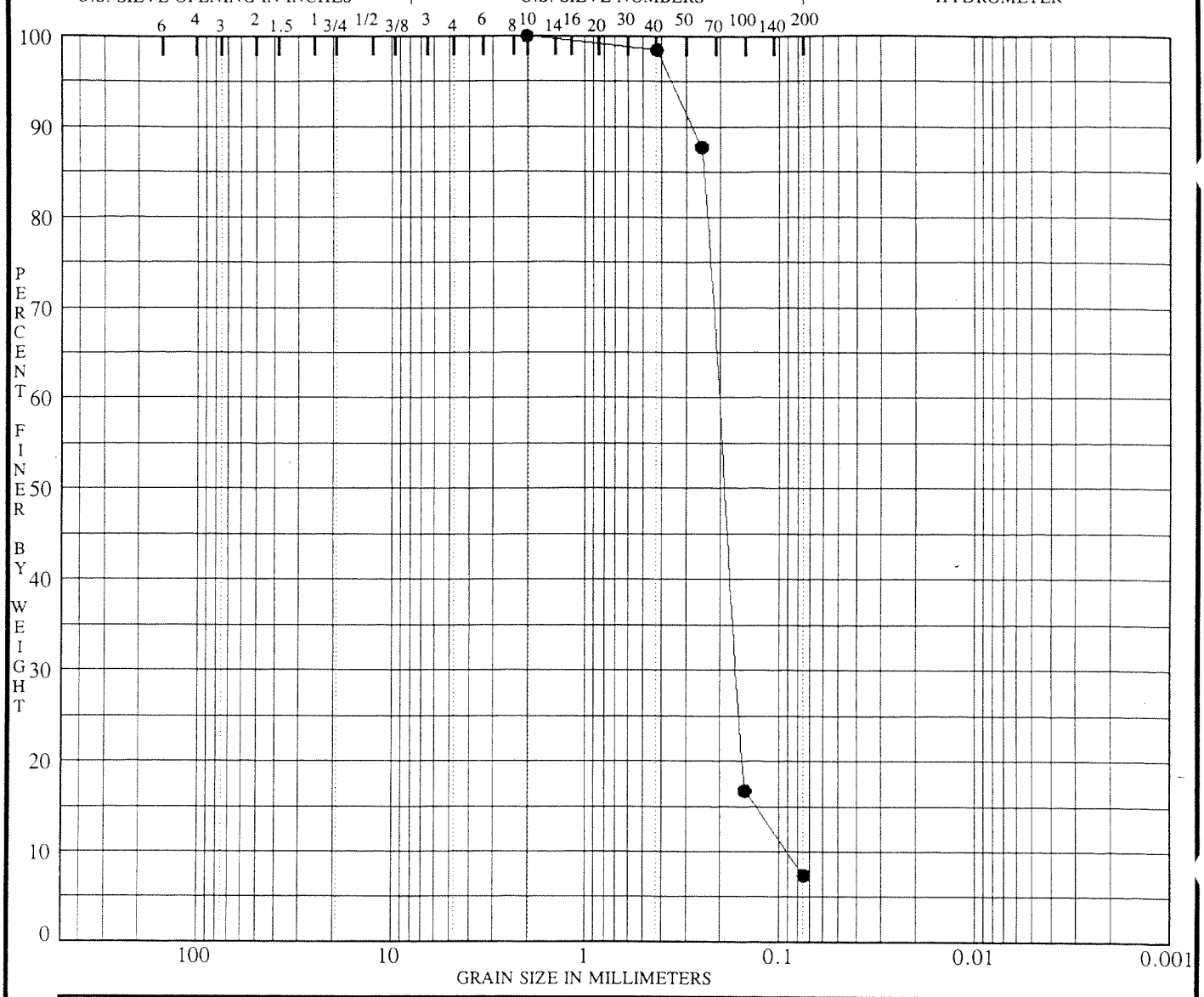

COBBLES	GRAVEL		SAND			SILT OR CLAY
	coarse	fine	coarse	medium	fine	

Specimen Identification		Classification	MC%	LL	PL	PI	Cc	Cu
● NTC-0827	0.0		17				1.46	2.2

Specimen Identification		D100	D60	D30	D10	%Gravel	%Sand	%Silt	%Clay
● NTC-0827	0.0	2.00	0.20	0.165	0.0910	0.0	92.6	7.4	

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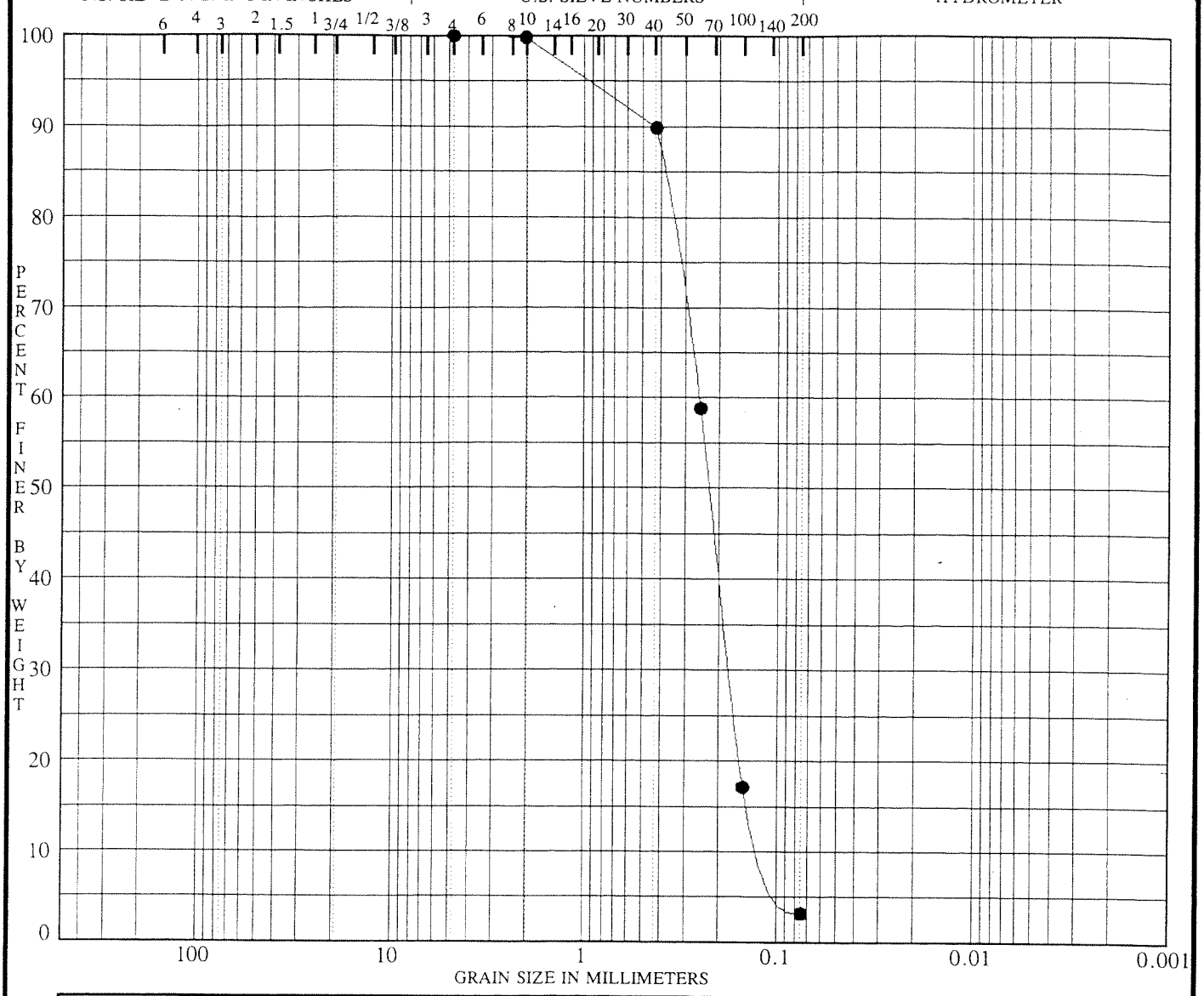

COBBLES	GRAVEL		SAND			SILT OR CLAY
	coarse	fine	coarse	medium	fine	

	Specimen Identification		Classification	MC%	LL	PL	PI	Cc	Cu
●	NTC-0829	0.0		16				1.15	2.4

	Specimen Identification		D100	D60	D30	D10	%Gravel	%Sand	%Silt	%Clay
●	NTC-0829	0.0	4.75	0.26	0.176	0.1053	0.0	96.8	3.2	

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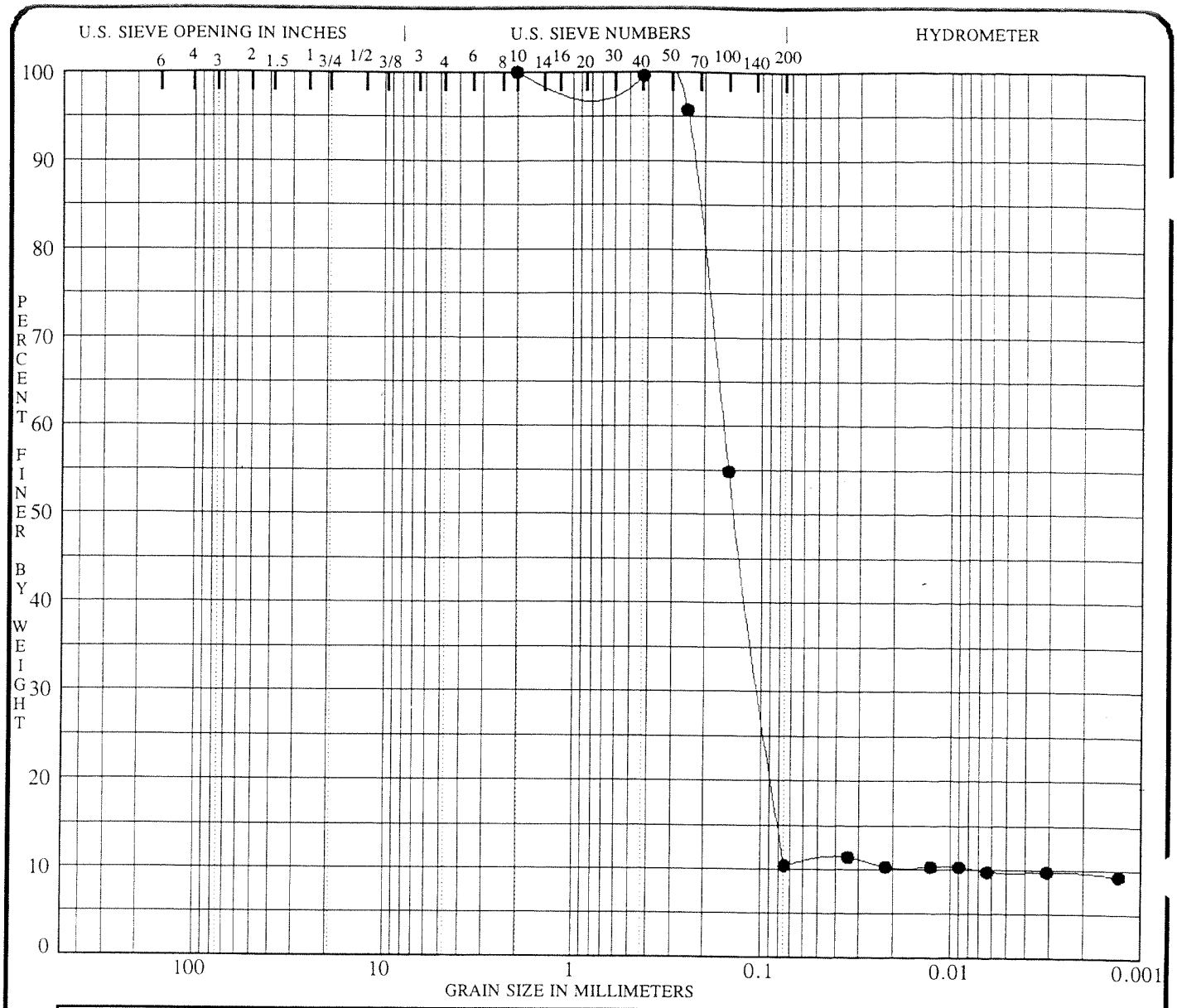

COBBLES	GRAVEL		SAND			SILT OR CLAY
	coarse	fine	coarse	medium	fine	

Specimen Identification		Classification	MC%	LL	PL	PI	Cc	Cu
● NTC-0831	0.0		13				0.93	2.3

Specimen Identification		D100	D60	D30	D10	%Gravel	%Sand	%Silt	%Clay
● NTC-0831	0.0	2.00	0.16	0.102	0.0073	0.0	89.6	0.6	9.8

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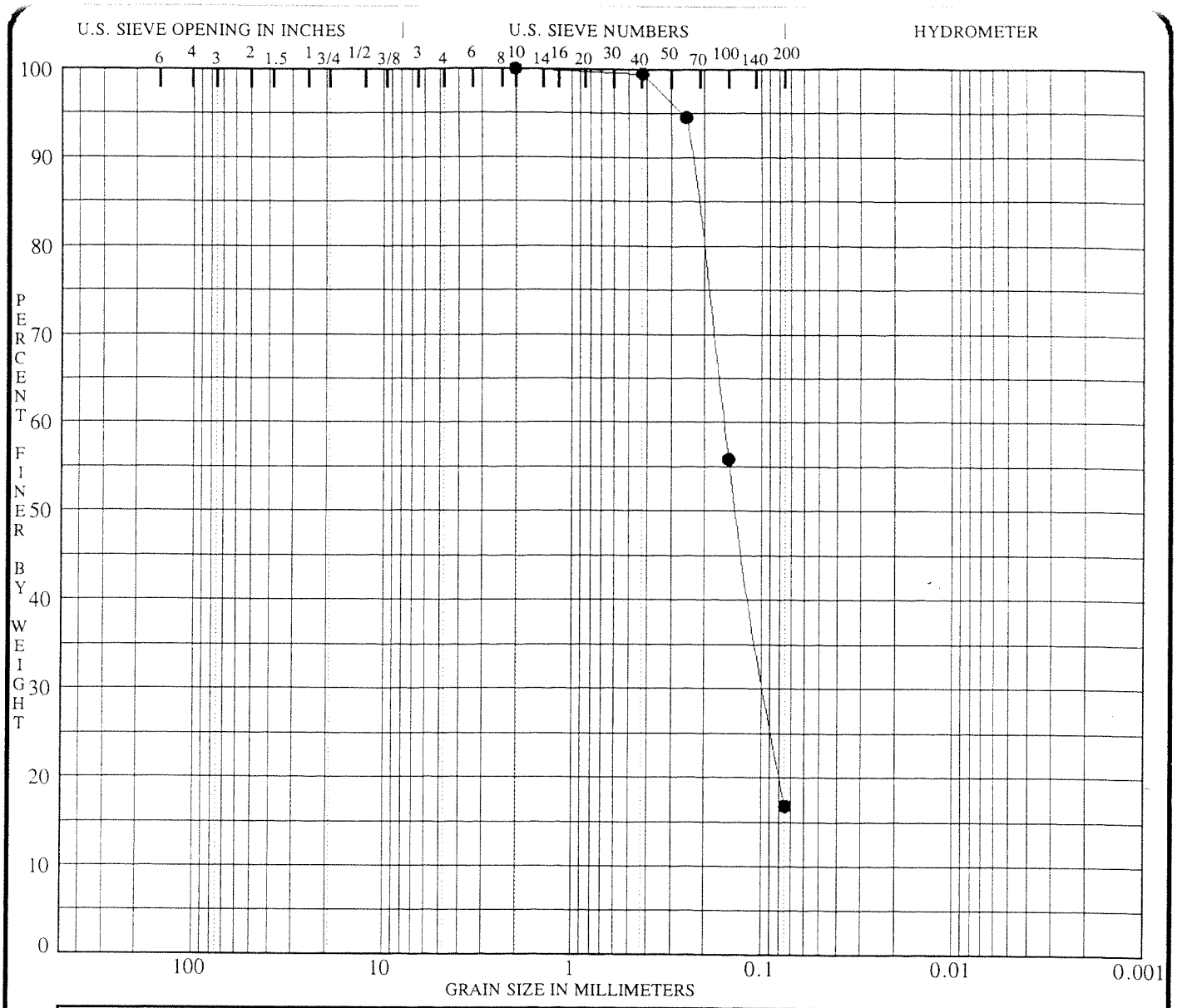

COBBLES	GRAVEL		SAND			SILT OR CLAY
	coarse	fine	coarse	medium	fine	

Specimen Identification		Classification	MC%	LL	PL	PI	Cc	Cu
● NTC-0833	0.0		21					

Specimen Identification		D100	D60	D30	D10	%Gravel	%Sand	%Silt	%Clay
● NTC-0833	0.0	2.00	0.16	0.095		0.0	83.2	16.8	

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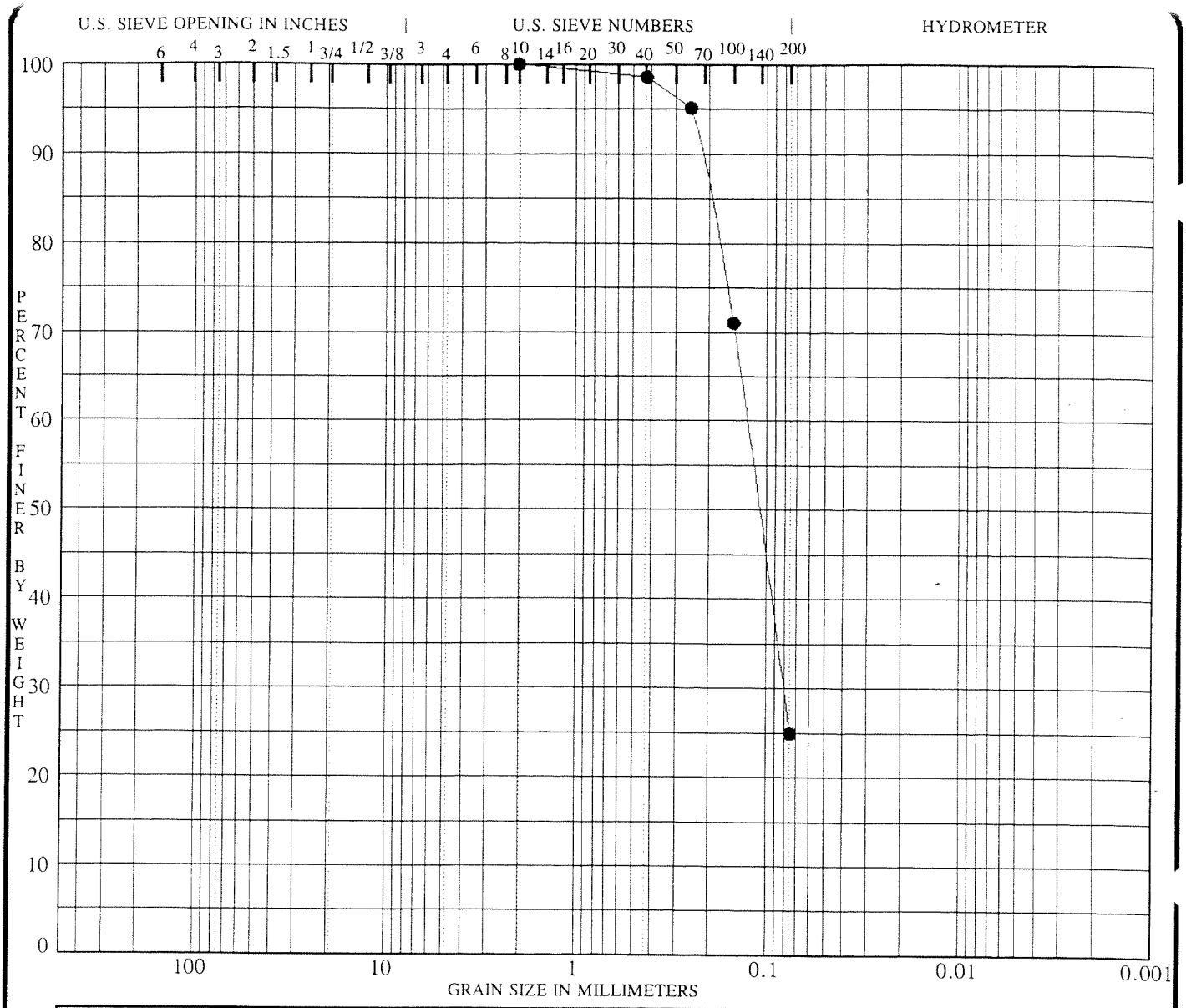

COBBLES	GRAVEL		SAND			SILT OR CLAY
	coarse	fine	coarse	medium	fine	

Specimen Identification		Classification	MC%	LL	PL	PI	Cc	Cu
● NTC-0835	0.0		22					

Specimen Identification		D100	D60	D30	D10	%Gravel	%Sand	%Silt	%Clay
● NTC-0835	0.0	2.00	0.13	0.081		0.0	75.1	24.9	

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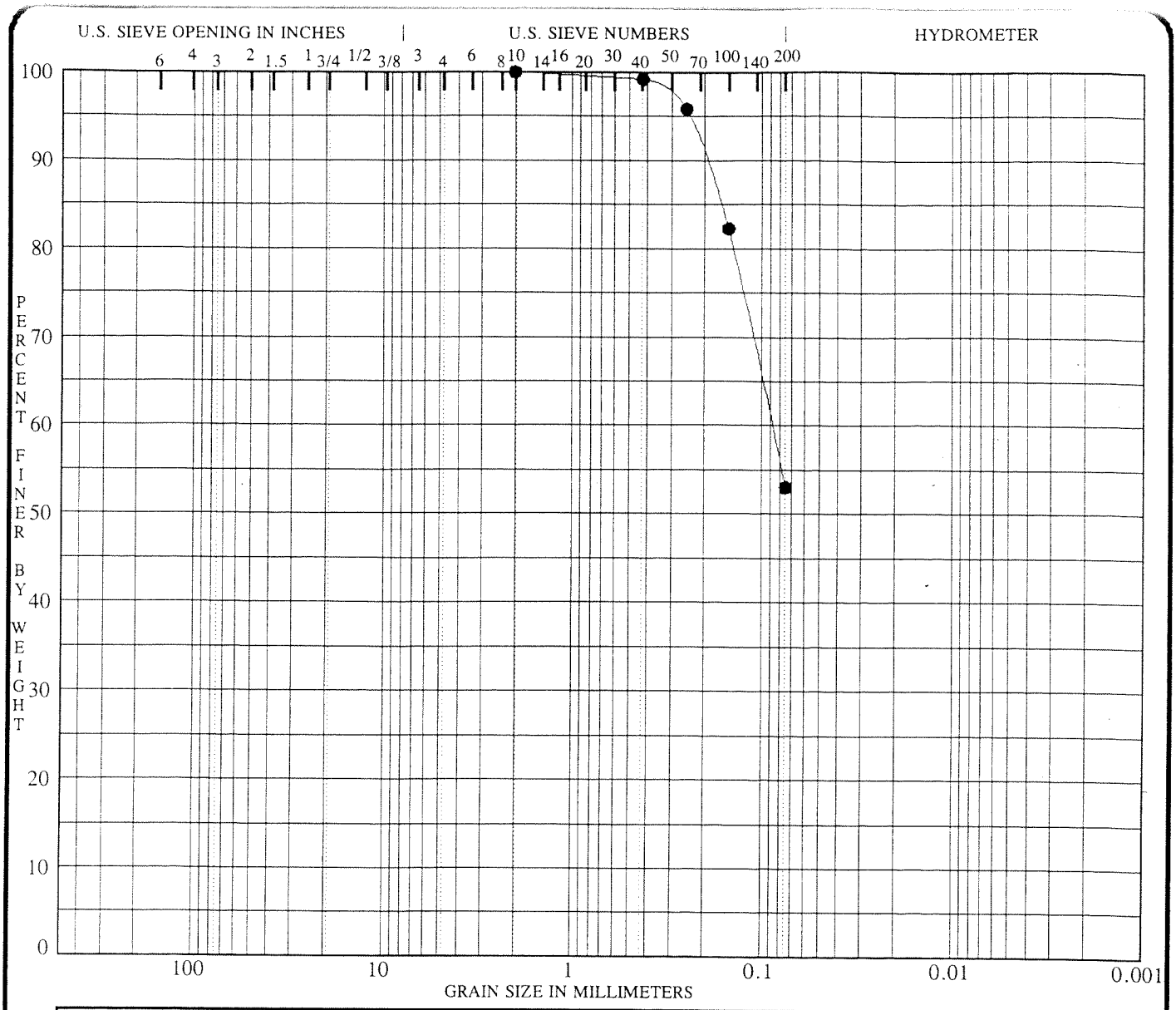

COBBLES	GRAVEL		SAND			SILT OR CLAY
	coarse	fine	coarse	medium	fine	

Specimen Identification		Classification	MC%	LL	PL	PI	Cc	Cu
● NTC-0837	0.0		36					

Specimen Identification		D100	D60	D30	D10	%Gravel	%Sand	%Silt	%Clay
● NTC-0837	0.0	2.00	0.09			0.0	47.0	53.0	

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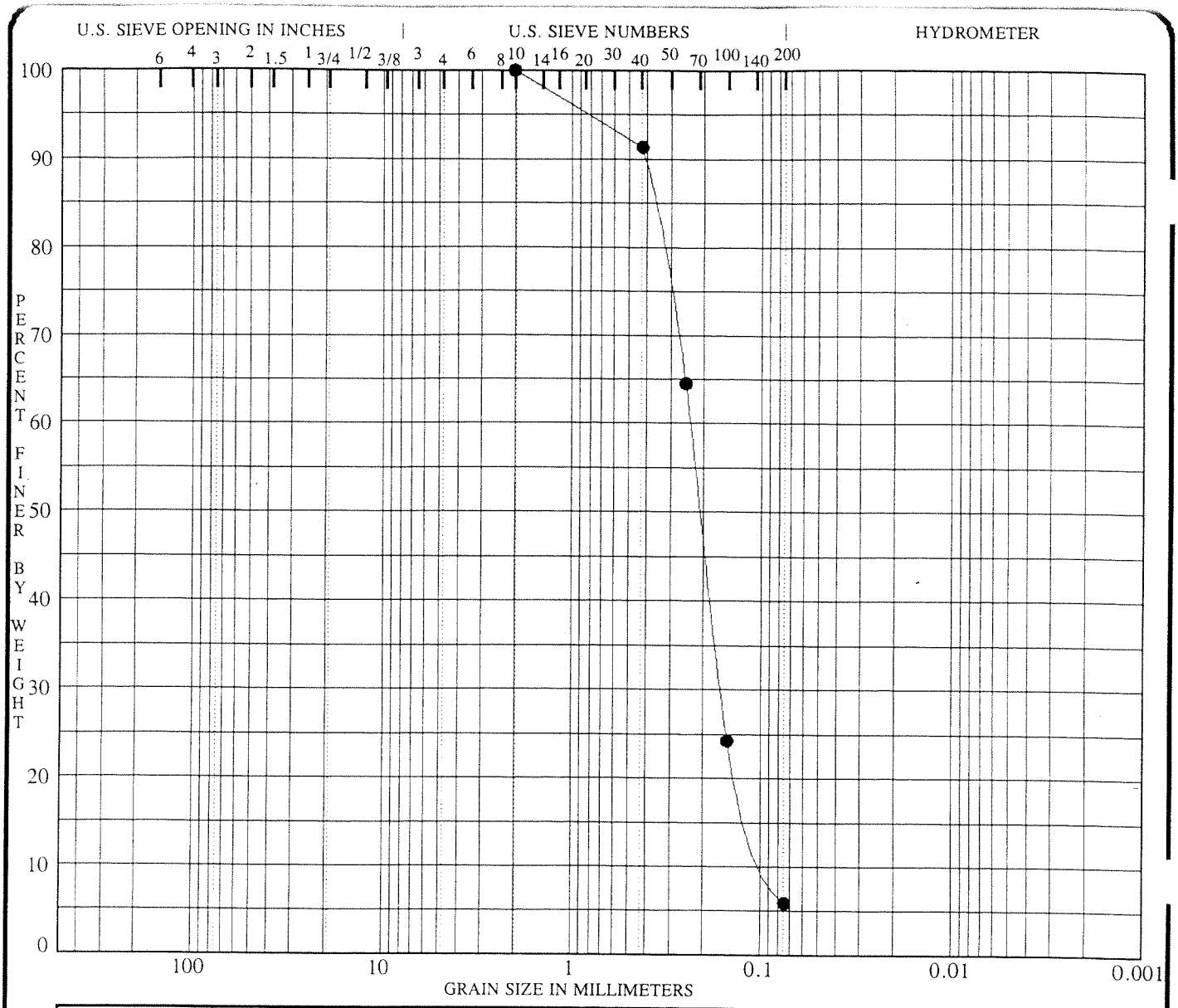

COBBLES	GRAVEL		SAND			SILT OR CLAY
	coarse	fine	coarse	medium	fine	

	Specimen Identification		Classification	MC%	LL	PL	PI	Cc	Cu
●	NTC-0915	0.0		17				1.26	2.7

	Specimen Identification		D100	D60	D30	D10	%Gravel	%Sand	%Silt	%Clay
●	NTC-0915	0.0	2.00	0.24	0.161	0.0876	0.0	94.1	5.9	

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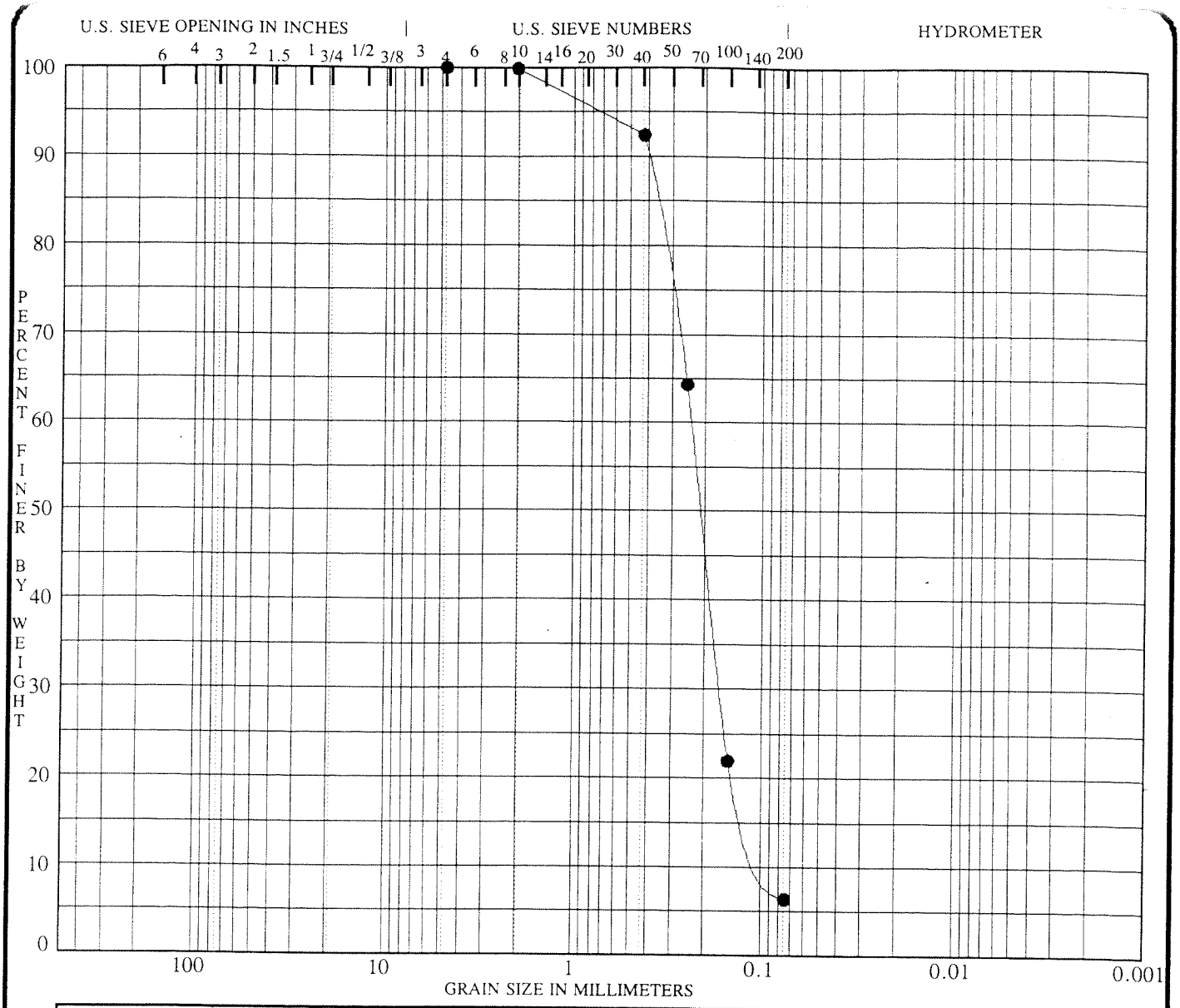

COBBLES	GRAVEL		SAND			SILT OR CLAY
	coarse	fine	coarse	medium	fine	

Specimen Identification		Classification	MC%	LL	PL	PI	Cc	Cu
● NTC-1015	0.0		21				1.31	2.7

Specimen Identification		D100	D60	D30	D10	%Gravel	%Sand	%Silt	%Clay
● NTC-1015	0.0	4.75	0.24	0.165	0.0881	0.0	93.6	6.4	

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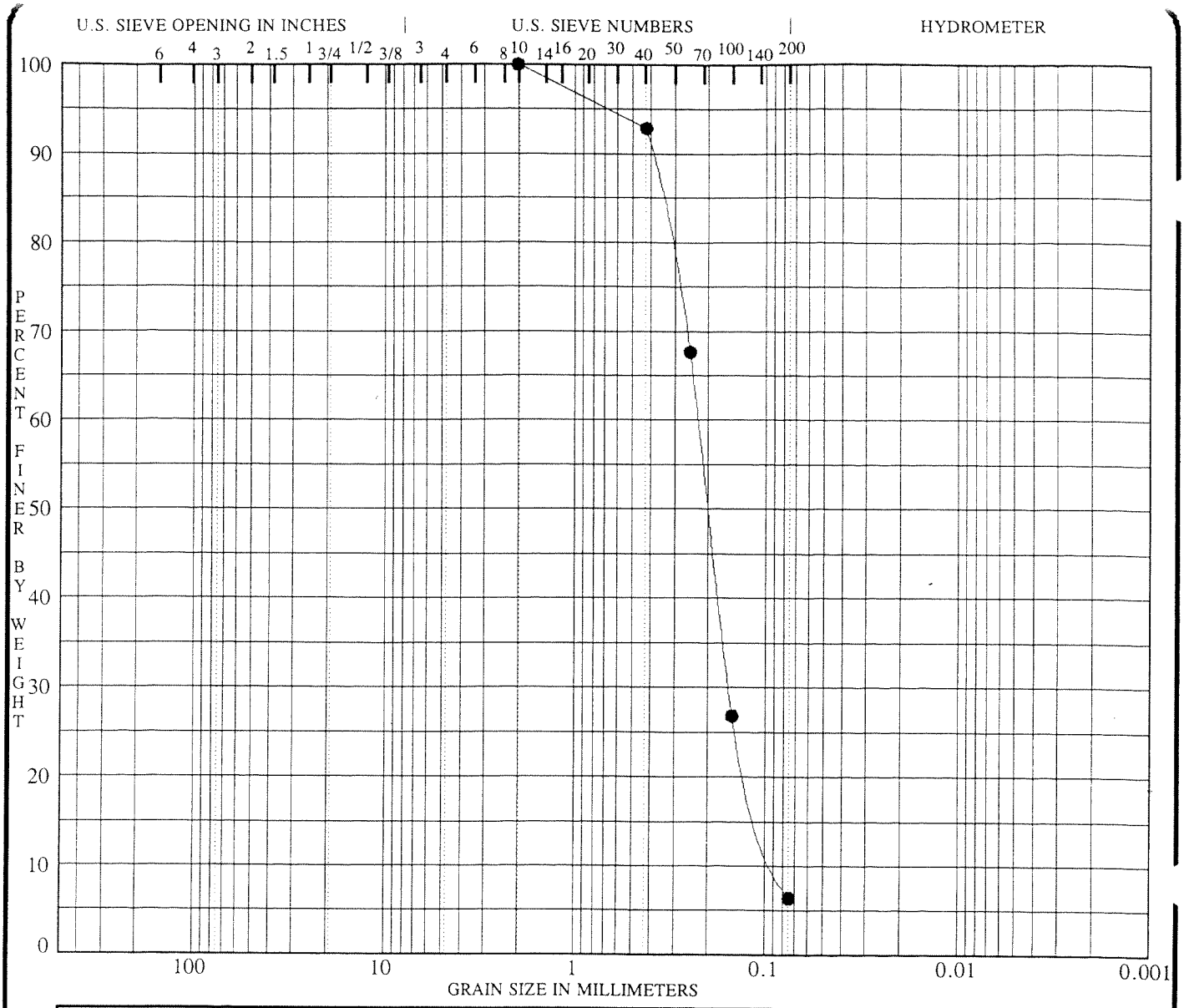

COBBLES	GRAVEL		SAND			SILT OR CLAY
	coarse	fine	coarse	medium	fine	

Specimen Identification		Classification	MC%	LL	PL	PI	Cc	Cu
● NTC-1505	0.0		6				1.27	2.7

Specimen Identification		D100	D60	D30	D10	%Gravel	%Sand	%Silt	%Clay
● NTC-1505	0.0	2.00	0.23	0.156	0.0848	0.0	93.6	6.4	

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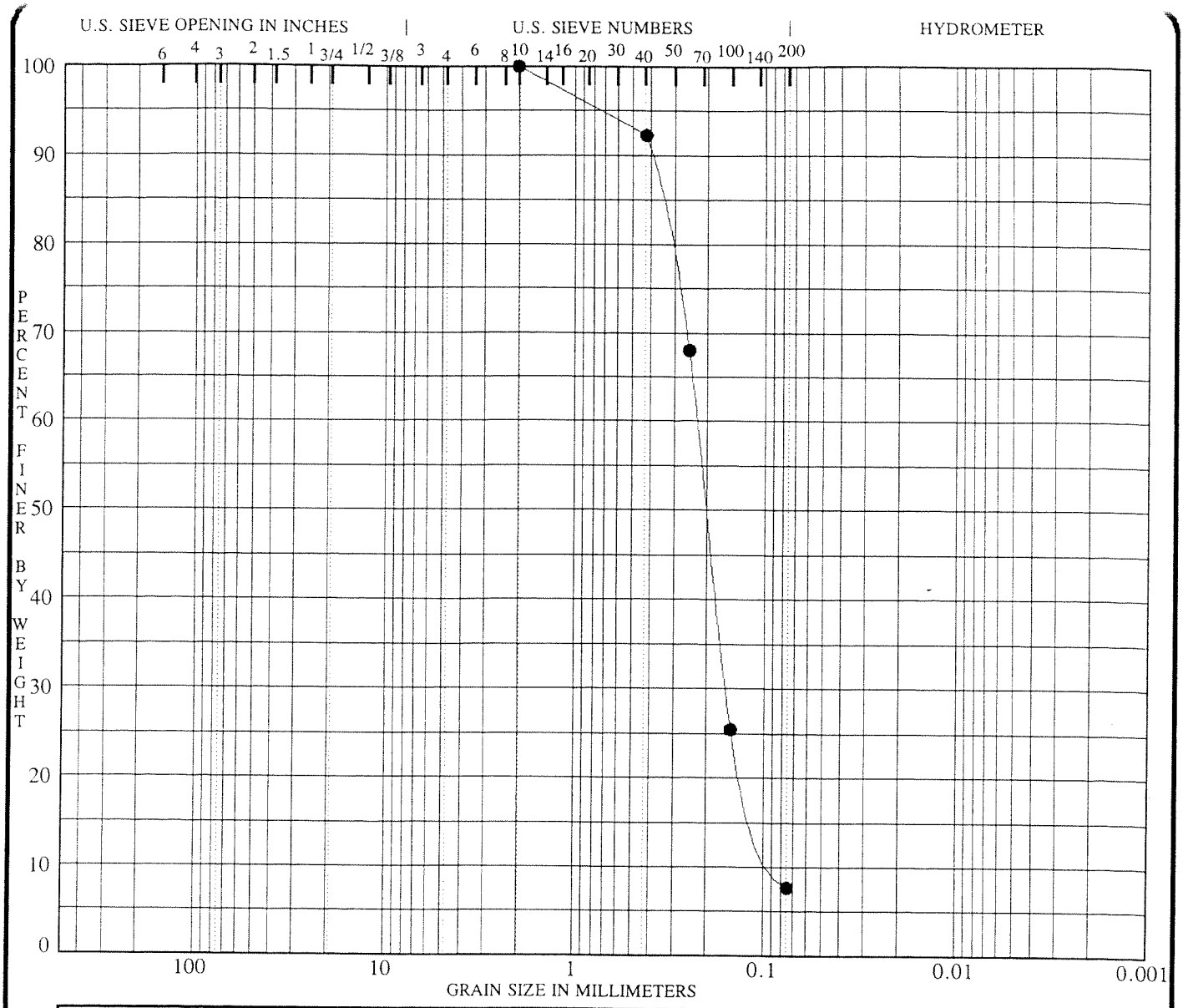

COBBLES	GRAVEL		SAND			SILT OR CLAY
	coarse	fine	coarse	medium	fine	

Specimen Identification		Classification	MC%	LL	PL	PI	Cc	Cu
● NTC-1515	0.0		20				1.35	2.8

Specimen Identification		D100	D60	D30	D10	%Gravel	%Sand	%Silt	%Clay
● NTC-1515	0.0	2.00	0.23	0.159	0.0821	0.0	92.3	7.7	

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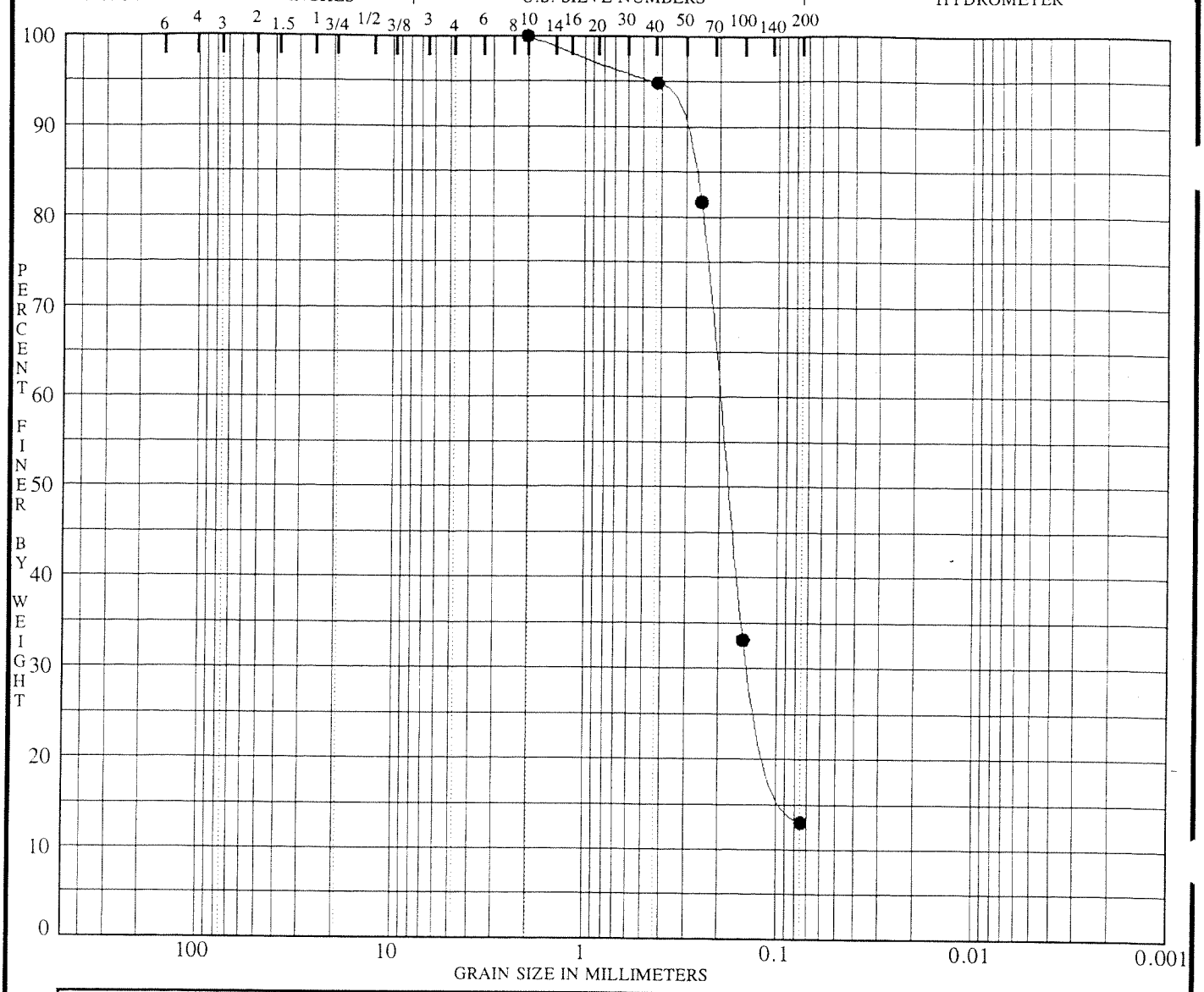

COBBLES	GRAVEL		SAND			SILT OR CLAY
	coarse	fine	coarse	medium	fine	

Specimen Identification		Classification	MC%	LL	PL	PI	Cc	Cu
● NTC-1525	0.0		22					

Specimen Identification		D100	D60	D30	D10	%Gravel	%Sand	%Silt	%Clay
● NTC-1525	0.0	2.00	0.20	0.135		0.0	87.0	13.0	

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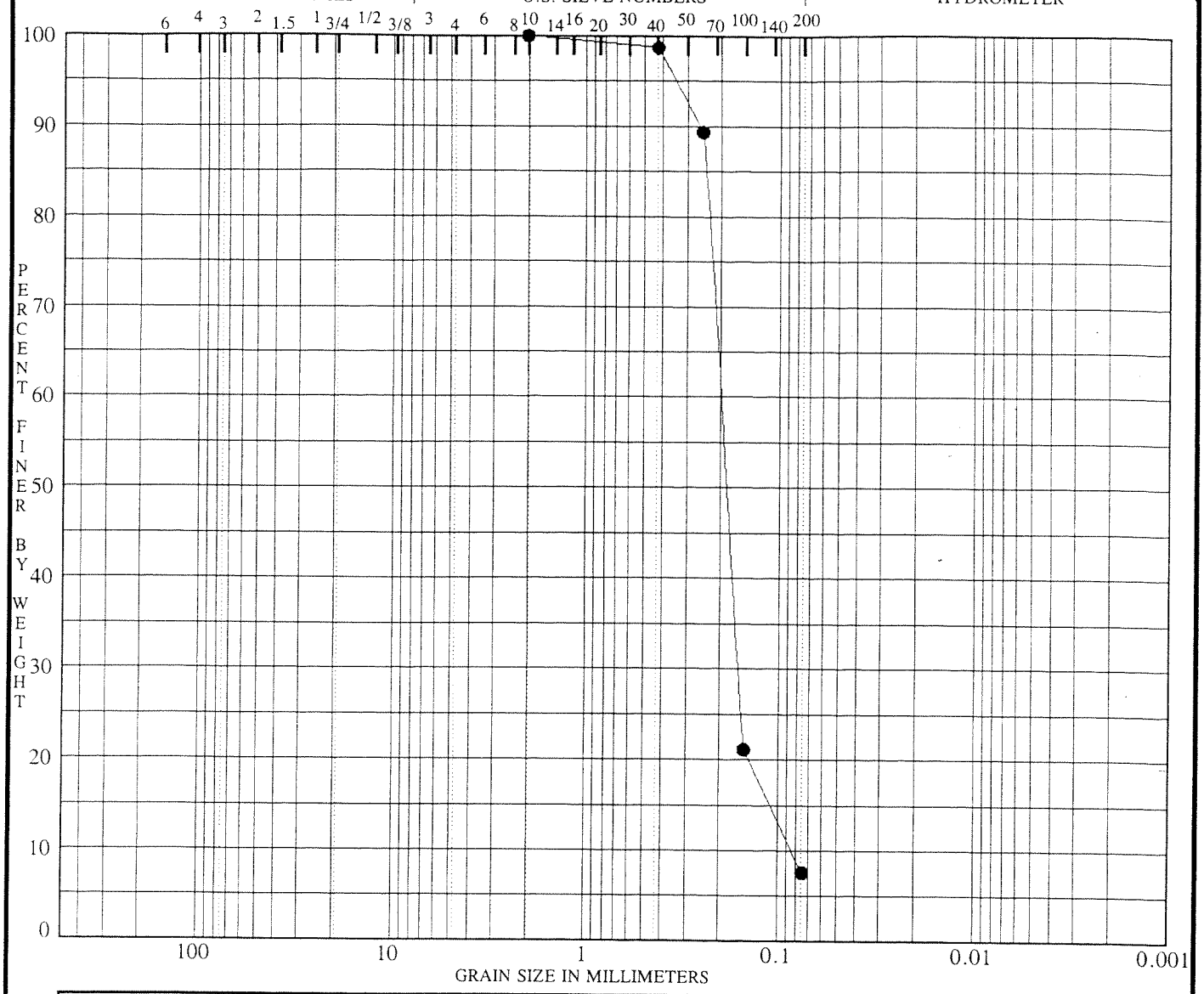

COBBLES	GRAVEL		SAND			SILT OR CLAY
	coarse	fine	coarse	medium	fine	

Specimen Identification		Classification	MC%	LL	PL	PI	Cc	Cu
● NTC-1925	0.0		24				1.51	2.4

Specimen Identification		D100	D60	D30	D10	%Gravel	%Sand	%Silt	%Clay
● NTC-1925	0.0	2.00	0.20	0.160	0.0848	0.0	92.4	7.6	

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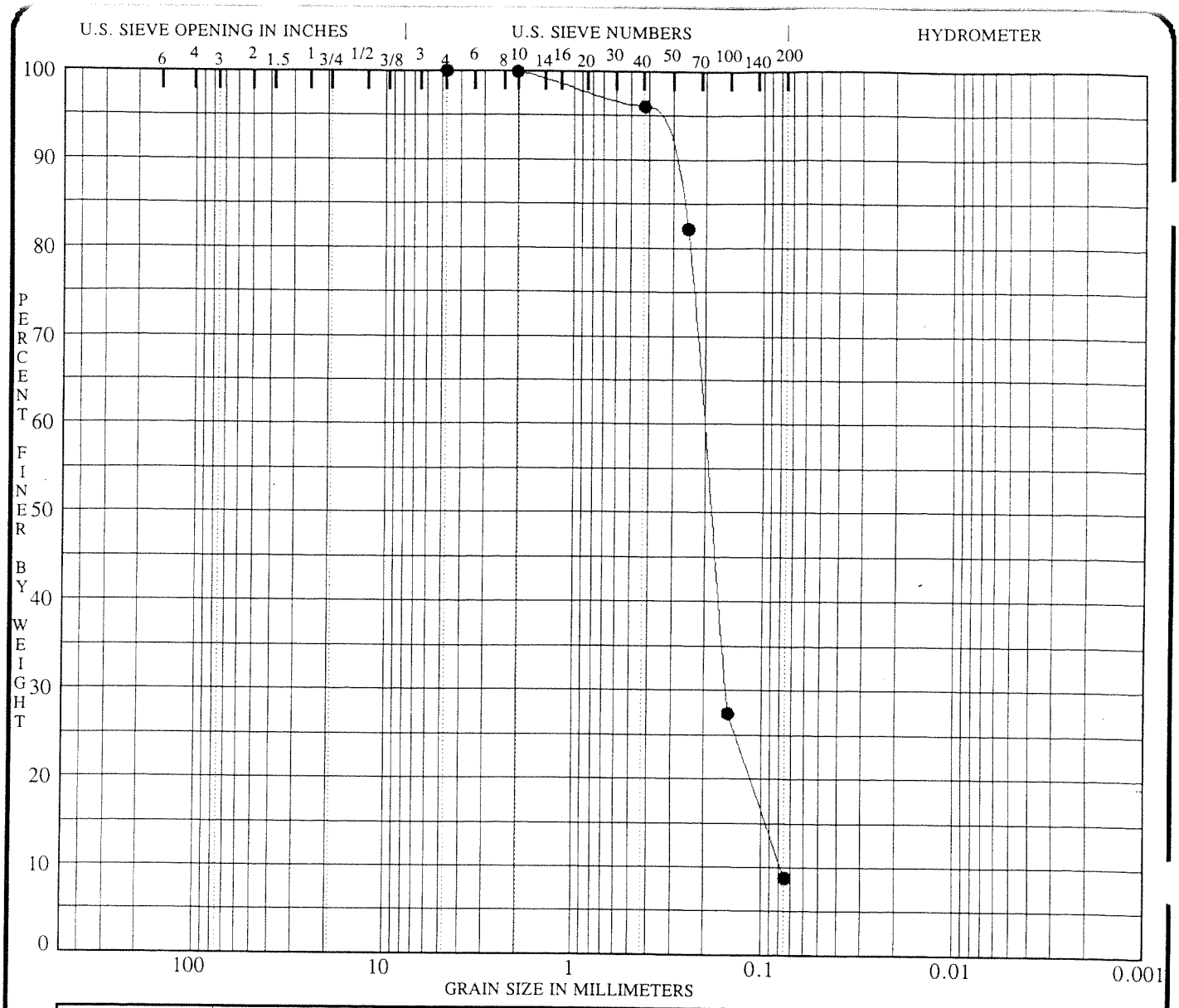

COBBLES	GRAVEL		SAND			SILT OR CLAY
	coarse	fine	coarse	medium	fine	

Specimen Identification		Classification	MC%	LL	PL	PI	Cc	Cu
● NTC-2025	0.0		21				1.48	2.6

Specimen Identification		D100	D60	D30	D10	%Gravel	%Sand	%Silt	%Clay
● NTC-2025	0.0	4.75	0.20	0.154	0.0784	0.0	91.2	8.8	

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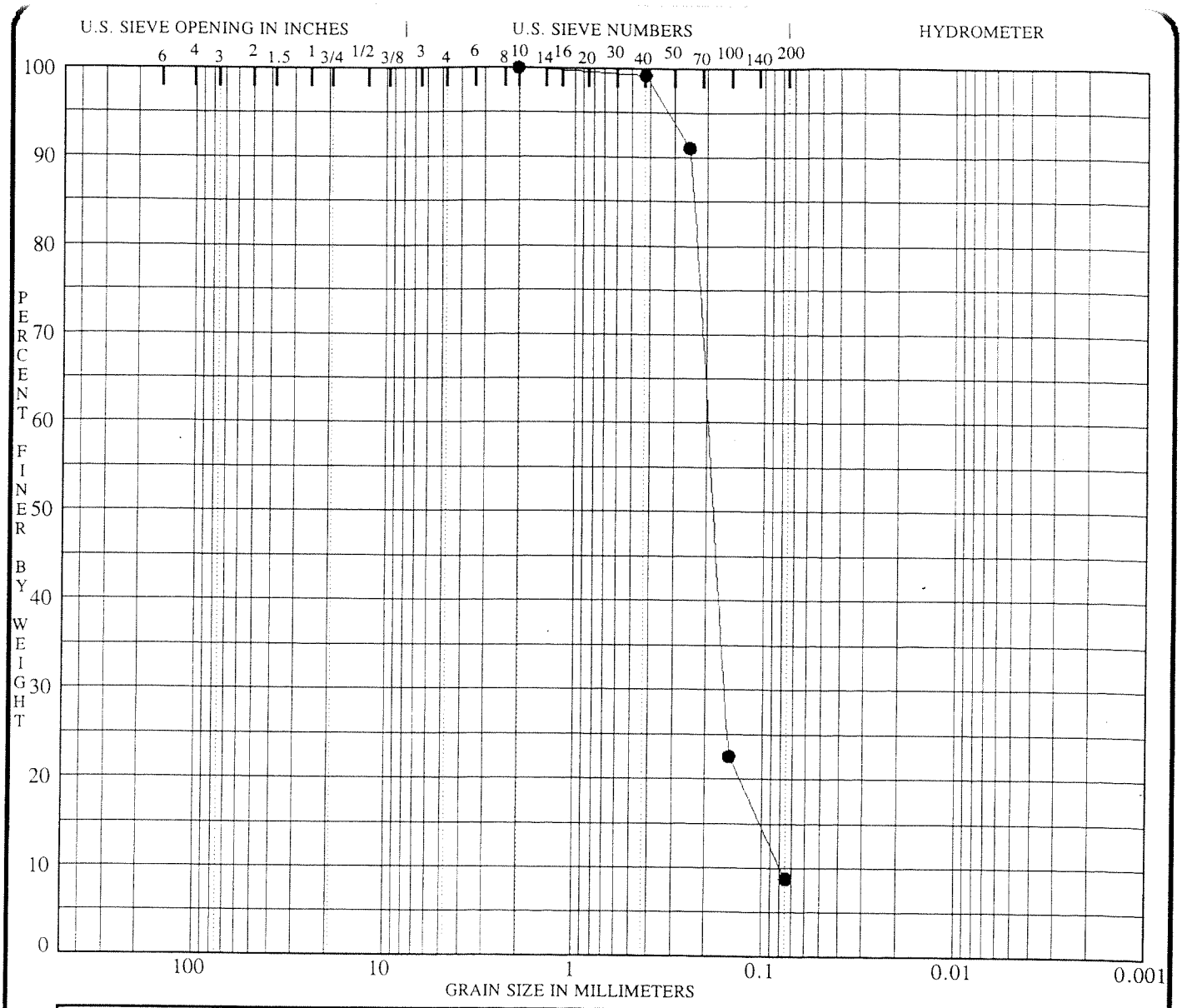

COBBLES	GRAVEL		SAND			SILT OR CLAY
	coarse	fine	coarse	medium	fine	

Specimen Identification		Classification	MC%	LL	PL	PI	Cc	Cu
● NTC-2027	0.0		15				1.59	2.5

Specimen Identification		D100	D60	D30	D10	%Gravel	%Sand	%Silt	%Clay
● NTC-2027	0.0	2.00	0.20	0.159	0.0797	0.0	91.2	8.8	

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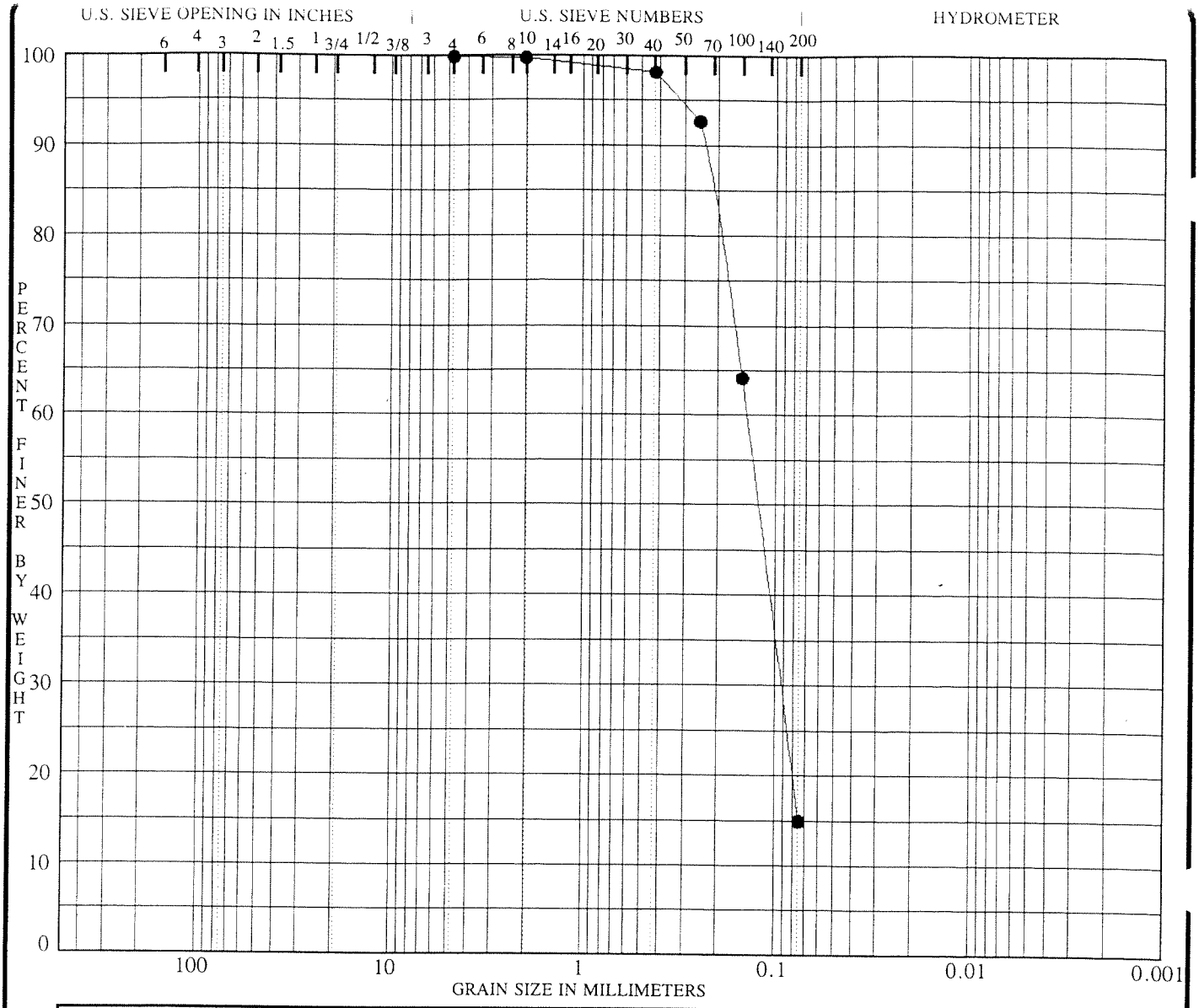

COBBLES	GRAVEL		SAND			SILT OR CLAY
	coarse	fine	coarse	medium	fine	

Specimen Identification		Classification	MC%	LL	PL	PI	Cc	Cu
● NTC-2029	0.0		23					

Specimen Identification		D100	D60	D30	D10	%Gravel	%Sand	%Silt	%Clay
● NTC-2029	0.0		0.14	0.093			84.9	14.9	

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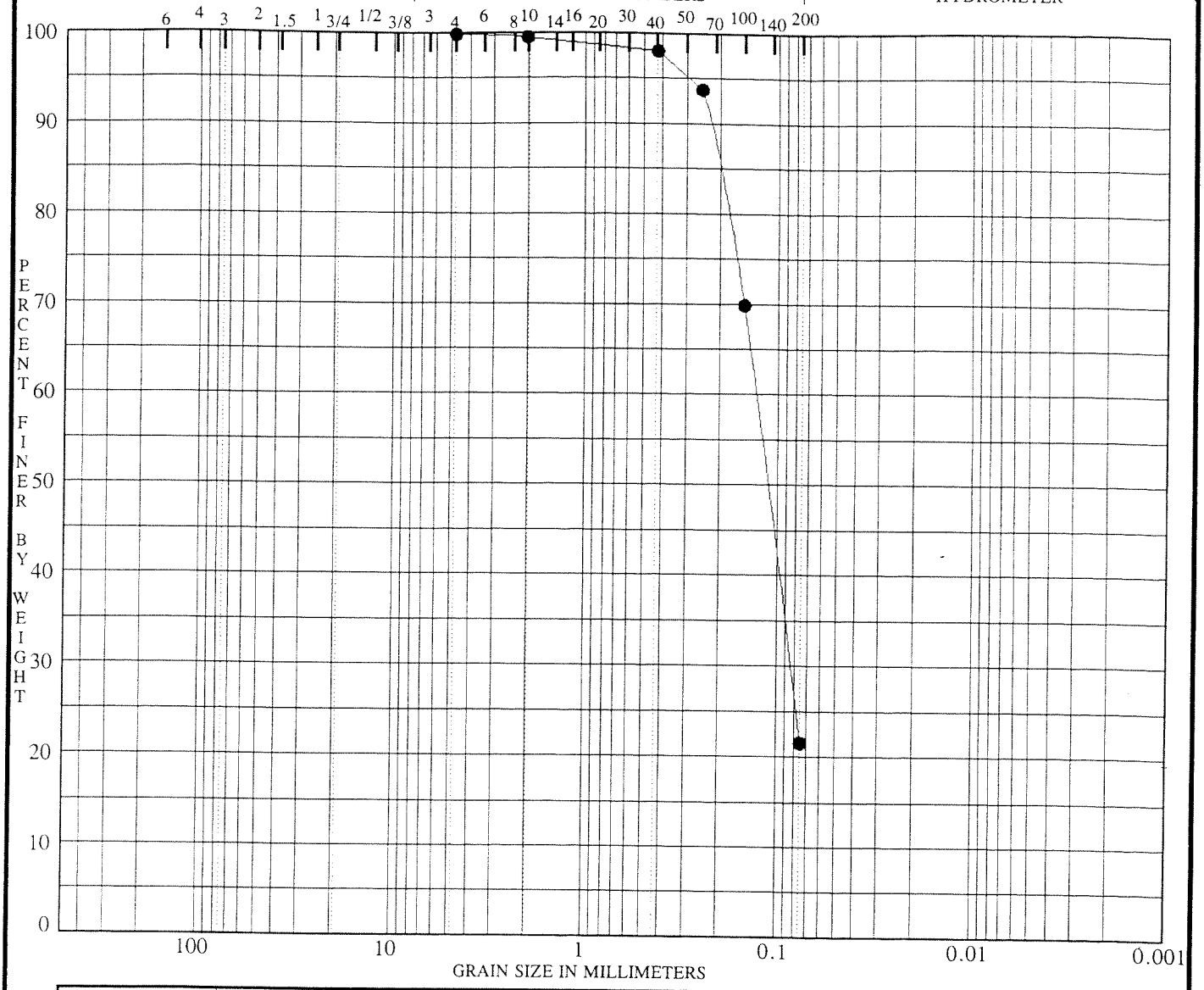

COBBLES	GRAVEL		SAND			SILT OR CLAY
	coarse	fine	coarse	medium	fine	

Specimen Identification	Classification	MC%	LL	PL	PI	Cc	Cu
● NTC-2033 0.0		25					

Specimen Identification	D100	D60	D30	D10	%Gravel	%Sand	%Silt	%Clay
● NTC-2033 0.0		0.13	0.085			78.3	21.5	

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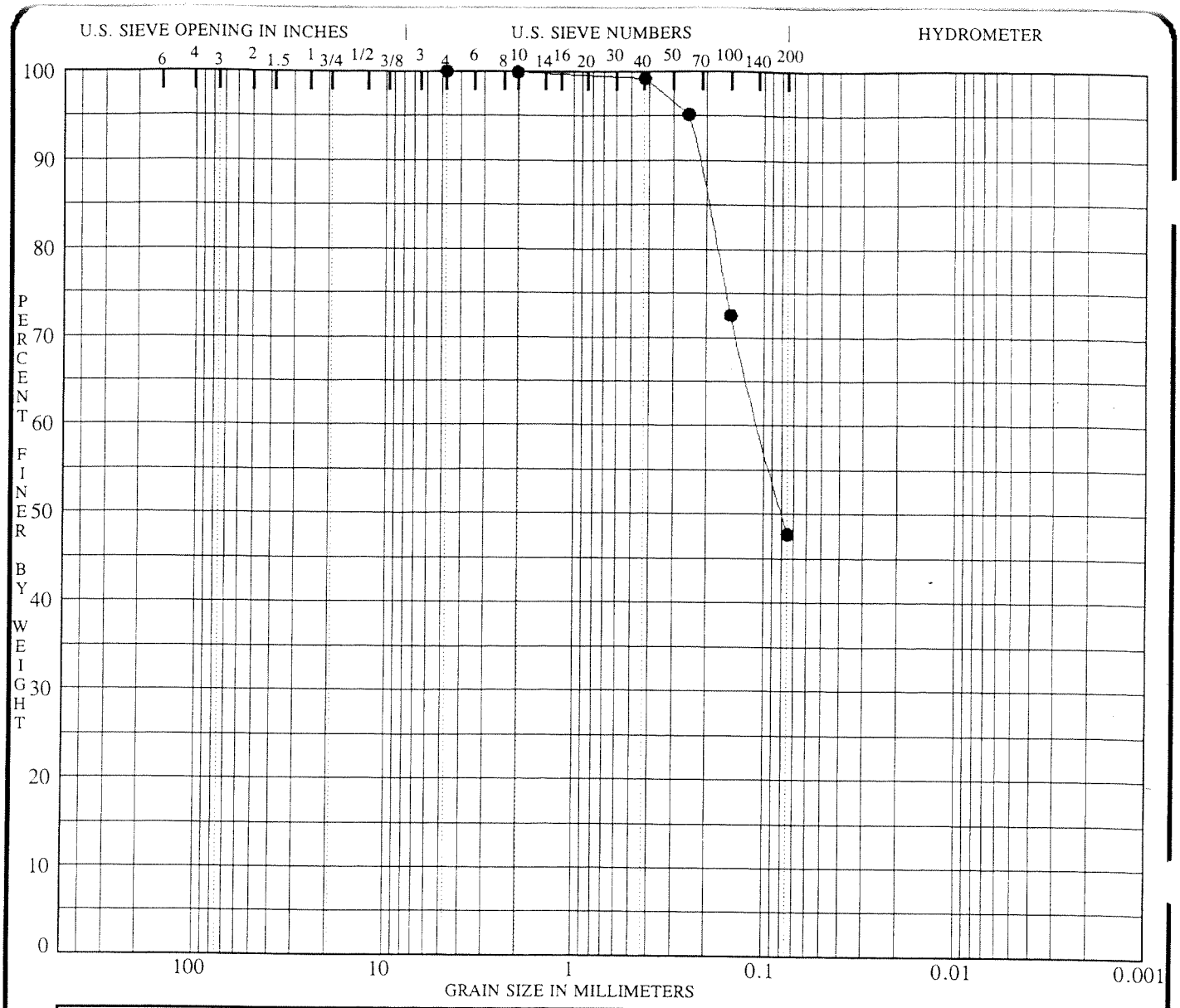

COBBLES	GRAVEL		SAND			SILT OR CLAY
	coarse	fine	coarse	medium	fine	

Specimen Identification		Classification	MC%	LL	PL	PI	Cc	Cu
● NTC-2035	0.0		37					

Specimen Identification		D100	D60	D30	D10	%Gravel	%Sand	%Silt	%Clay
● NTC-2035	0.0	4.75	0.11			0.0	52.3	47.7	

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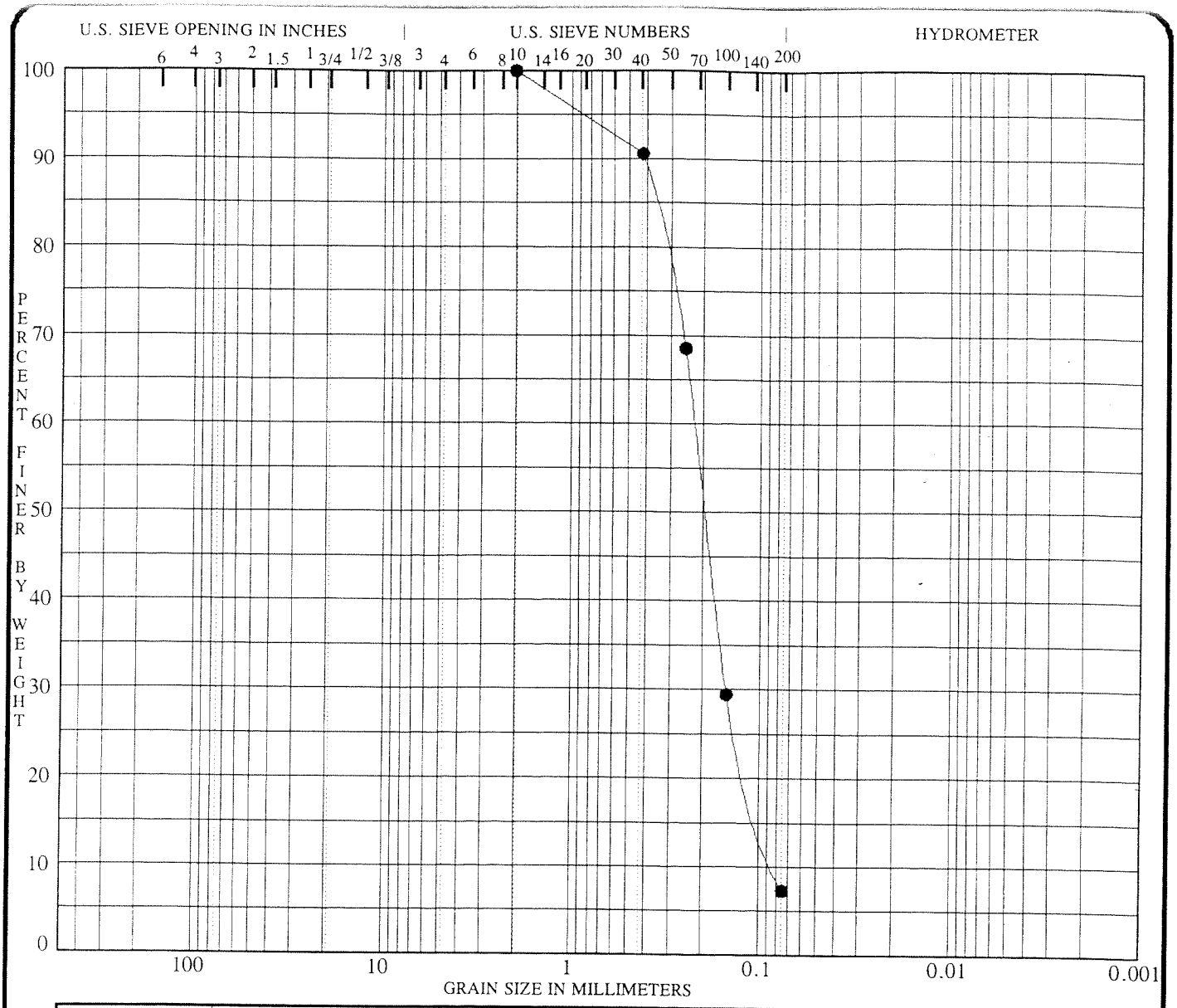

COBBLES	GRAVEL		SAND			SILT OR CLAY
	coarse	fine	coarse	medium	fine	

Specimen Identification	Classification	MC%	LL	PL	PI	Cc	Cu
● NTC-2205 0.0		15				1.25	2.7

Specimen Identification	D100	D60	D30	D10	%Gravel	%Sand	%Silt	%Clay
● NTC-2205 0.0	2.00	0.22	0.151	0.0816	0.0	92.7	7.3	

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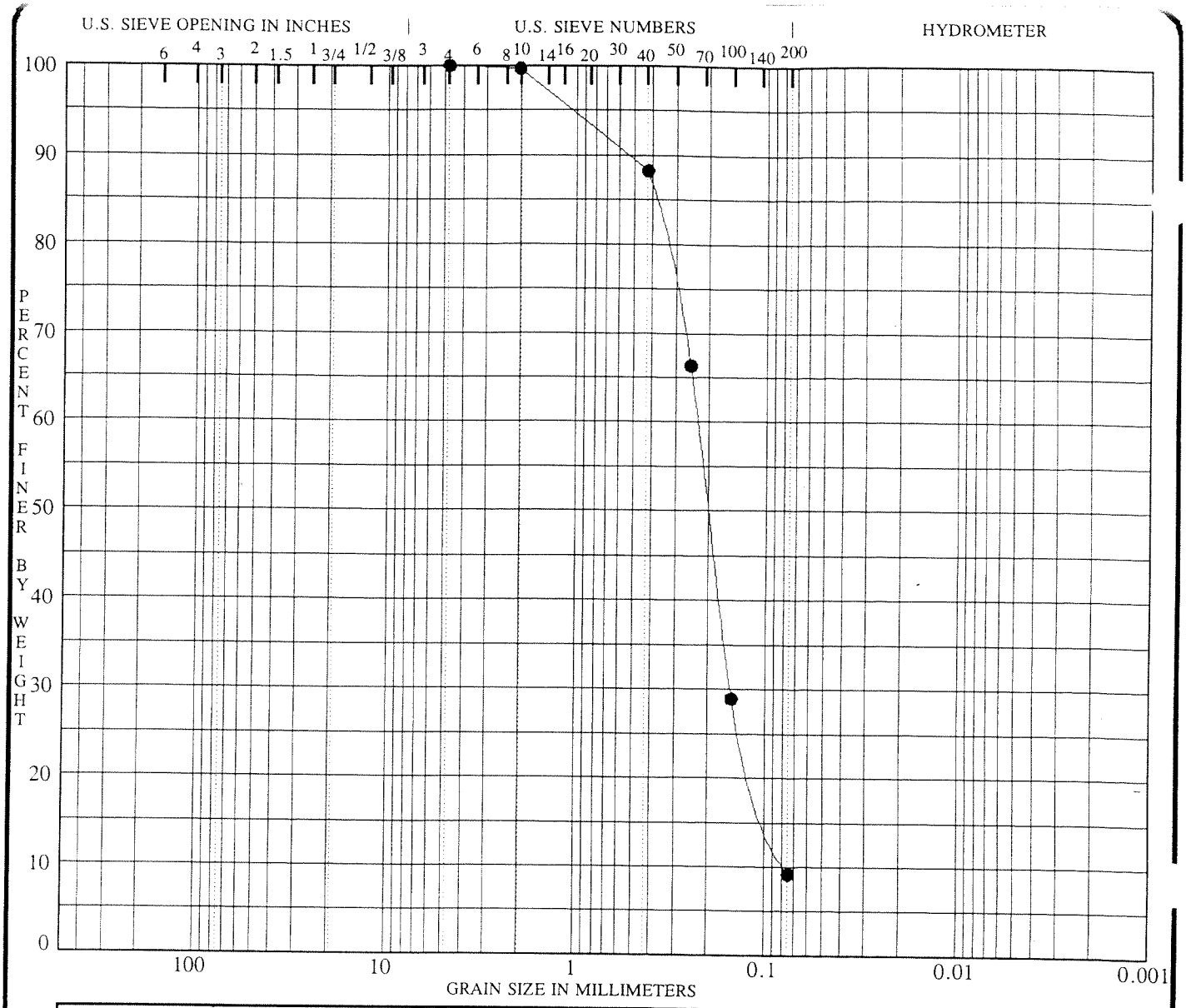

COBBLES	GRAVEL		SAND			SILT OR CLAY
	coarse	fine	coarse	medium	fine	

Specimen Identification		Classification	MC%	LL	PL	PI	Cc	Cu
● NTC-2210	0.0		12				1.31	3.0

Specimen Identification		D100	D60	D30	D10	%Gravel	%Sand	%Silt	%Clay
● NTC-2210	0.0	4.75	0.23	0.152	0.0771	0.0	90.8	9.2	

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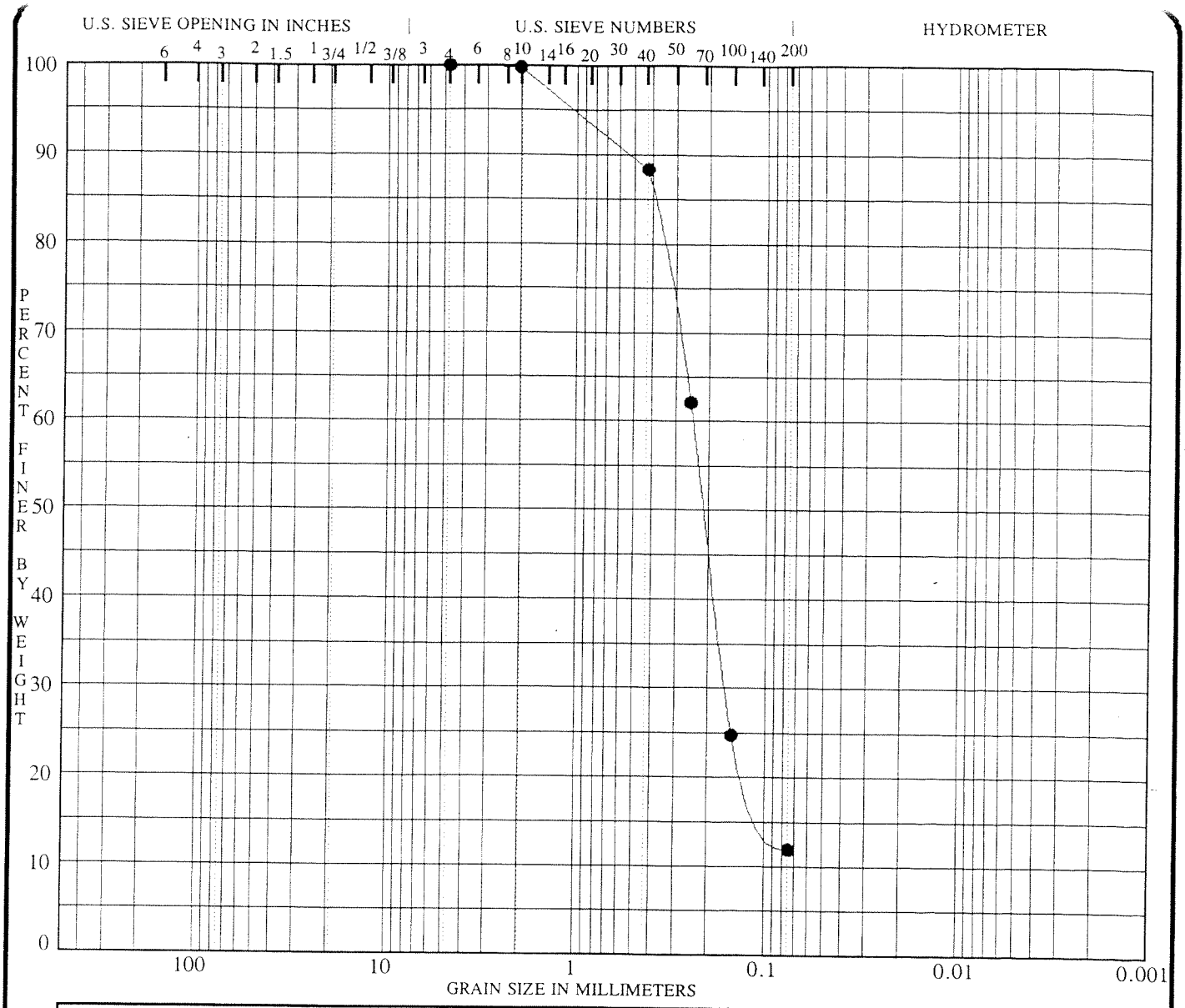


COBBLES	GRAVEL		SAND			SILT OR CLAY
	coarse	fine	coarse	medium	fine	

Specimen Identification		Classification	MC%	LL	PL	PI	Cc	Cu
● NTC-2215	0.0		14				1.53	3.5

Specimen Identification		D100	D60	D30	D10	%Gravel	%Sand	%Silt	%Clay
● NTC-2215	0.0	4.75	0.24	0.161		0.0	88.1	11.9	

PROJECT NAVAL TRAINING CENTER - FL

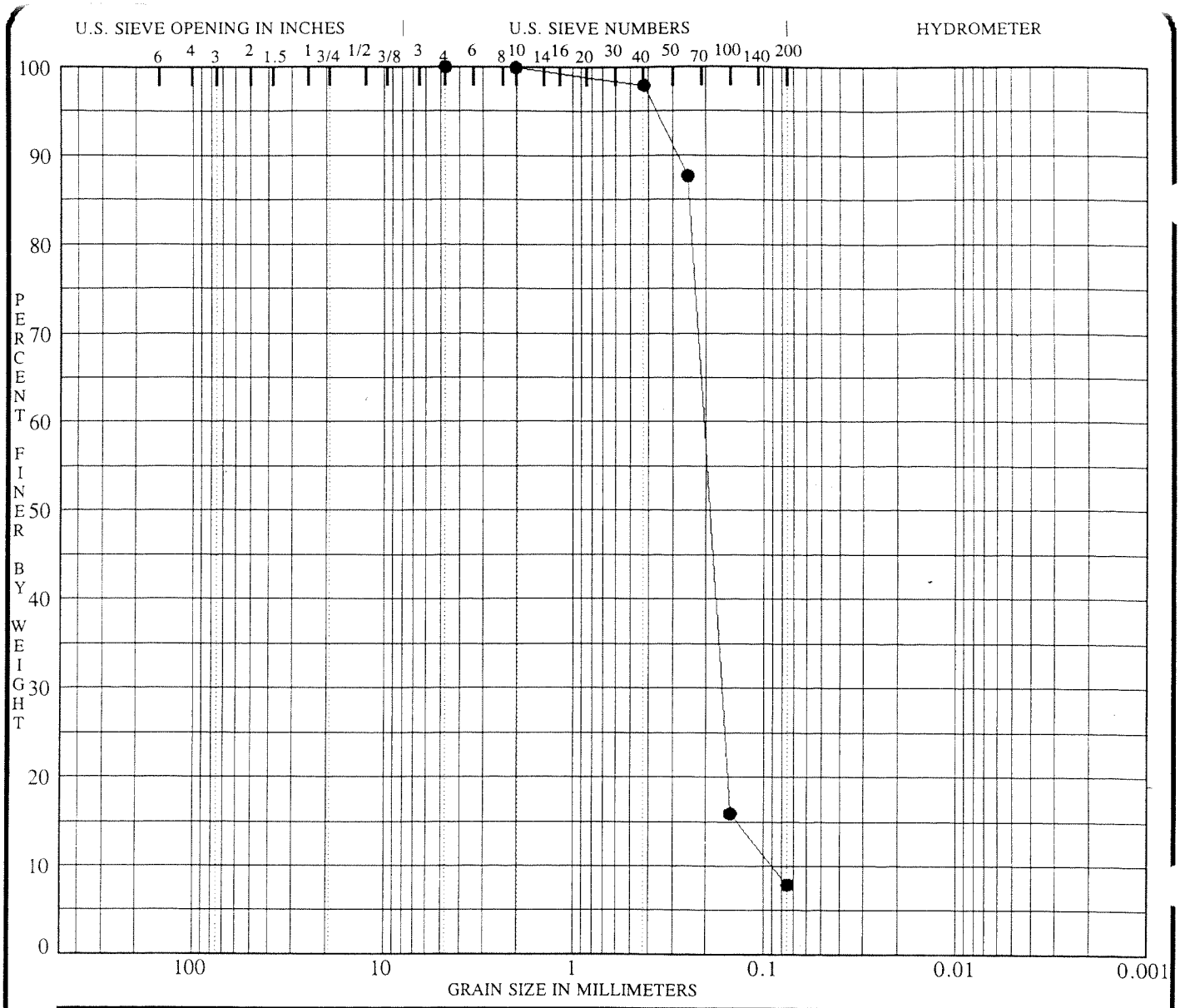
JOB NO. 7457-LB033

DATE 12/07/98

GRADATION CURVES

UNIVERSAL ENGINEERING SCIENCES

ORLANDO, FLORIDA



COBBLES	GRAVEL		SAND			SILT OR CLAY
	coarse	fine	coarse	medium	fine	

Specimen Identification		Classification	MC%	LL	PL	PI	Cc	Cu
● NTC-2225	0.0		21				1.49	2.3

Specimen Identification		D100	D60	D30	D10	%Gravel	%Sand	%Silt	%Clay
● NTC-2225	0.0	4.75	0.21	0.166	0.0900	0.0	92.1	7.9	

PROJECT NAVAL TRAINING CENTER - FL

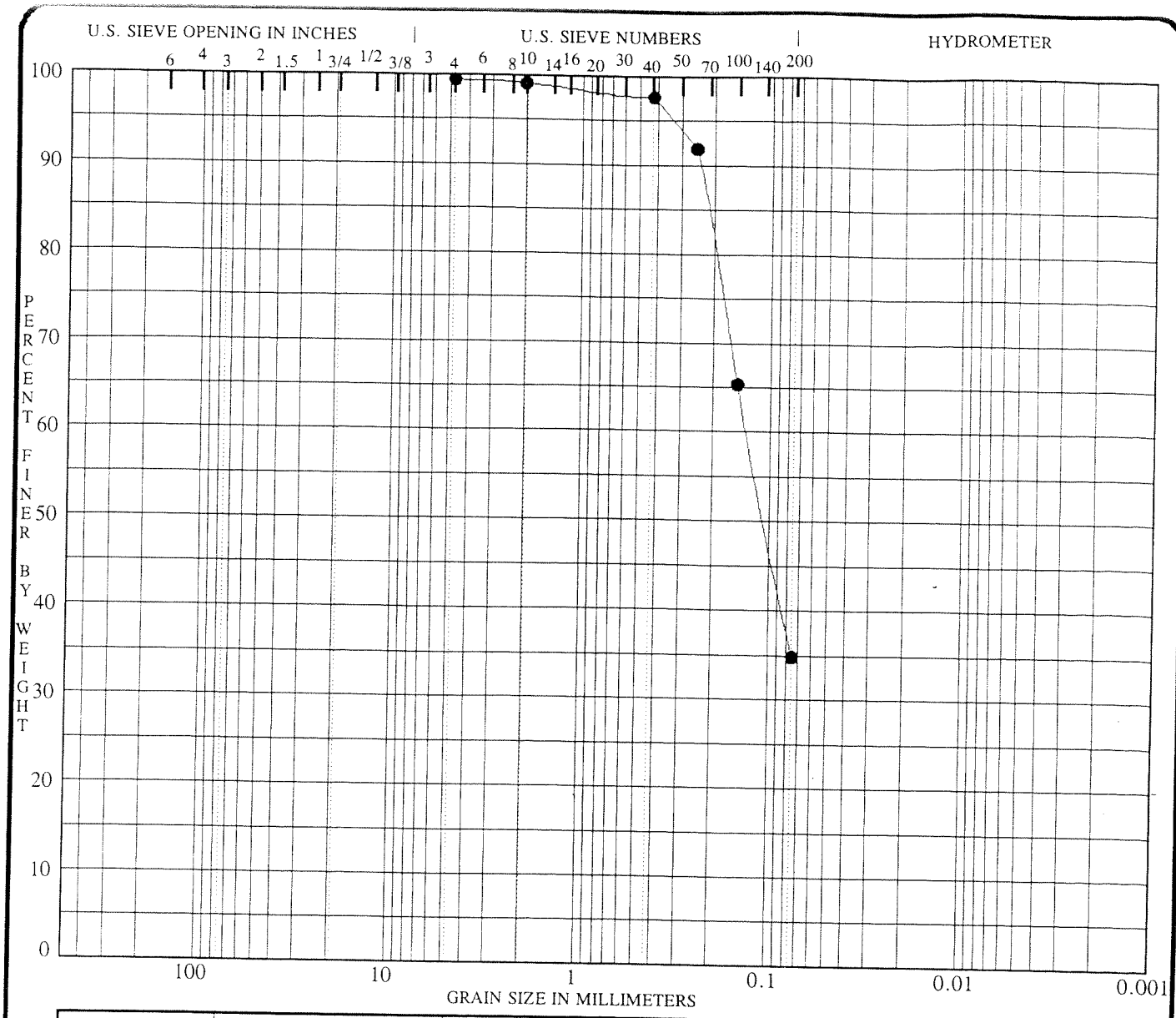
JOB NO. 7457-LB033

DATE 12/07/98

GRADATION CURVES

UNIVERSAL ENGINEERING SCIENCES

ORLANDO, FLORIDA



COBBLES	GRAVEL		SAND			SILT OR CLAY
	coarse	fine	coarse	medium	fine	

Specimen Identification		Classification	MC%	LL	PL	PI	Cc	Cu
● NTC-3037	0.0		22					

Specimen Identification		D100	D60	D30	D10	%Gravel	%Sand	%Silt	%Clay
● NTC-3037	0.0		0.13				64.6	34.8	

PROJECT NAVAL TRAINING CENTER - FL

JOB NO. 7457-LB033

DATE 12/07/98

GRADATION CURVES

UNIVERSAL ENGINEERING SCIENCES

ORLANDO, FLORIDA

TABLE C-1

PHASE II GEOTECHNICAL SAMPLE CROSS REFERENCE

NAVAL TRAINING CENTER
ORLANDO, FLORIDA

Laboratory ID	Well Number	Depth Below Ground Surface (feet)
NTC-0129	MW23C	29-31
NTC-0140	MW23C	40-42
NTC-0205	MW24C	5
NTC-0215	MW24C	15
NTC-0220	MW24C	20
NTC-0225	MW24C	25
NTC-0232	MW24C	32
NTC-0230	MW24C	30
NTC-0235	MW24C	35-37
NTC-0333	MW25C	33-35
NTC-0348	MW25C	48-50
NTC-0433	MW26C	33-35
NTC-0715	MW07B	15-17
NTC-0805	MW08B	5
NTC-0815	MW08B	15
NTC-0820	MW08B	20
NTC-0825	MW08B	25
NTC-0827	MW08B	27
NTC-0829	MW08B	29-31
NTC-0831	MW08B	31-33
NTC-0833	MW08B	33-35
NTC-0835	MW08B	35-37
NTC-0837	MW08B	37-39
NTC-0915	MW09B	15-17
NTC-1015	MW10B	15-17
NTC-1505	MW15B	5-7
NTC-1515	MW15B	15-17
NTC-1525	MW15B	25-27
NTC-1925	MW19B	25-27
NTC-2025	MW07B	5-7
NTC-2027	MW19B	5-7
NTC-2029	MW09B	5-7
NTC-2033	MW10B	25-27
NTC-2035	MW09B	25-27
NTC-2205	MW22B	5
NTC-2210	MW22B	10
NTC-2215	MW22B	15
NTC-2225	MW22B	25
NTC-3037	MW10B	5-7

TABLE C-2

CONE PENETROMETER CROSS REFERENCE

NAVAL TRAINING CENTER
ORLANDO, FLORIDA

Brown & Root Environmental CPT ID No.	Williams CPT ID No.	Sample No.	Location ID	Sample Date	Sample Depth (feet bgs)
CP-1	CPT-4	NTCCPR0450	CP0150	10/15/97	50
		NTCCPR0460	CP0160	10/15/97	60
		NTCCXR0460[a]	CP0160R	11/11/97	60
		NTCCPR0470	CP0170	10/15/97	70
		NTCCXR0470[a]	CP0170R	11/11/97	70
		NTCCPD0300[b]	CP0170RD	11/11/97	70
CP-2	CPT-3	NTCCPR0355	CP0255	10/20/97	55
		NTCCPR0370	CP0270	10/17/97	70
CP-3	CPT-5	NTCCPR0544	CP0344	10/22/97	44
		NTCCPR0555	CP0355	10/22/97	55
		NTCCPR0570	CP0370	10/22/97	70
		NTCCPR0580	CP0380	10/22/97	80
CP-4	CPT-2	NTCCPR0250	CP0450	10/24/97	50
		NTCCPR0260	CP0460	10/24/97	60
		NTCCXR0260[c]	CP0460C	10/24/97	60
		NTCCPR0270	CP0470	10/24/97	70
CP-5	CPT-1	NTCCPR0150	CP0550	10/25/97	50
		NTCCPR0160	CP0560	10/25/97	60
		NTCCPR0170	CP0570	10/26/97	70
CP-6	CPT-Y5	N/S		N/S	N/S
CP-7	CPT-Y1	N/S		N/S	N/S
CP-8	CPT-Y6	N/S		N/S	N/S
CP-9	CPT-G5	NTCCPG0530	CP0930	10/26/97	30
		NTCCPG0550	CP0950	10/27/97	50
		NTCCPG0580	CP0980	10/27/97	80
CP-10	CPT-G2	NTCCPG0230	CP1030	11/06/97	30
		NTCCPG0250	CP1050	11/06/97	50
		NTCCPG0280	CP1080	11/06/97	80
		NTCCPD0100[b]	CP1080D	11/06/97	80
CP-11	CPT-G3	NTCCPG0330	CP1130	11/08/97	30
		NTCCPG0350	CP1150	11/08/97	50
		NTCCPG0380	CP1180	11/08/97	80
CP-12	CPT-G4	NTCCPG0430	CP1230	11/09/97	30
		NTCCPG0450	CP1250	11/09/97	50
		NTCCPG0470	CP1270	11/09/97	70
CP-13	CPT-G1	NTCCPG0130	CP1330	11/10/97	30
		NTCCPD0200[b]	CP1330D	11/10/97	30
		NTCCPG0150	CP1350	11/10/97	50
		NTCCPG0180	CP1380	11/10/97	80
CP-14	CPT-Y2	N/S		N/S	N/S

N/S - Not sampled.

[a] Resampled

[b] Duplicate

[c] Confirmation Sample

WILLIAMS
EARTH SCIENCES

December 10, 1997

Brown & Root Environmental
800 Oakridge Turnpike, Suite A-600
Oakridge, TN 37830

Attention: Mike Campbell

Subject: Report of Cone Penetrometer and BAT Sampling Services (*Revised*)
Orlando Naval Training Center
Orlando, Florida
Williams Project Nº: C397148

Dear Mr. Campbell:

Williams Earth Sciences, Inc. has completed the geotechnical exploration for the above referenced project. This work was performed as authorized by Brown and Root Environmental.

The results of the exploration are presented in the following report. Included are graphical plots of the Cone Penetrometer (CPT) soundings and the interpreted measurements. The interpretation is presented averaged over each foot of sounding. Also included are the graphical plots of the pore pressure dissipation tests.

If you have any questions concerning this report, or if you need any additional information or field work, please do not hesitate to contact our office. We appreciate the opportunity of working with you on the project, and look forward to a successful completion.

Very truly yours,

WILLIAMS EARTH SCIENCES, INC.

Robert B. Leadbetter, III, E.I.
Geotechnical Engineer

Keith D. Bennett, P.E.
Senior Geotechnical Engineer
Florida Registration Nº 33075

F:\PROJECTS\C397148\RPTLTR2.WPD
Submittals (2) Addressee
(1) File

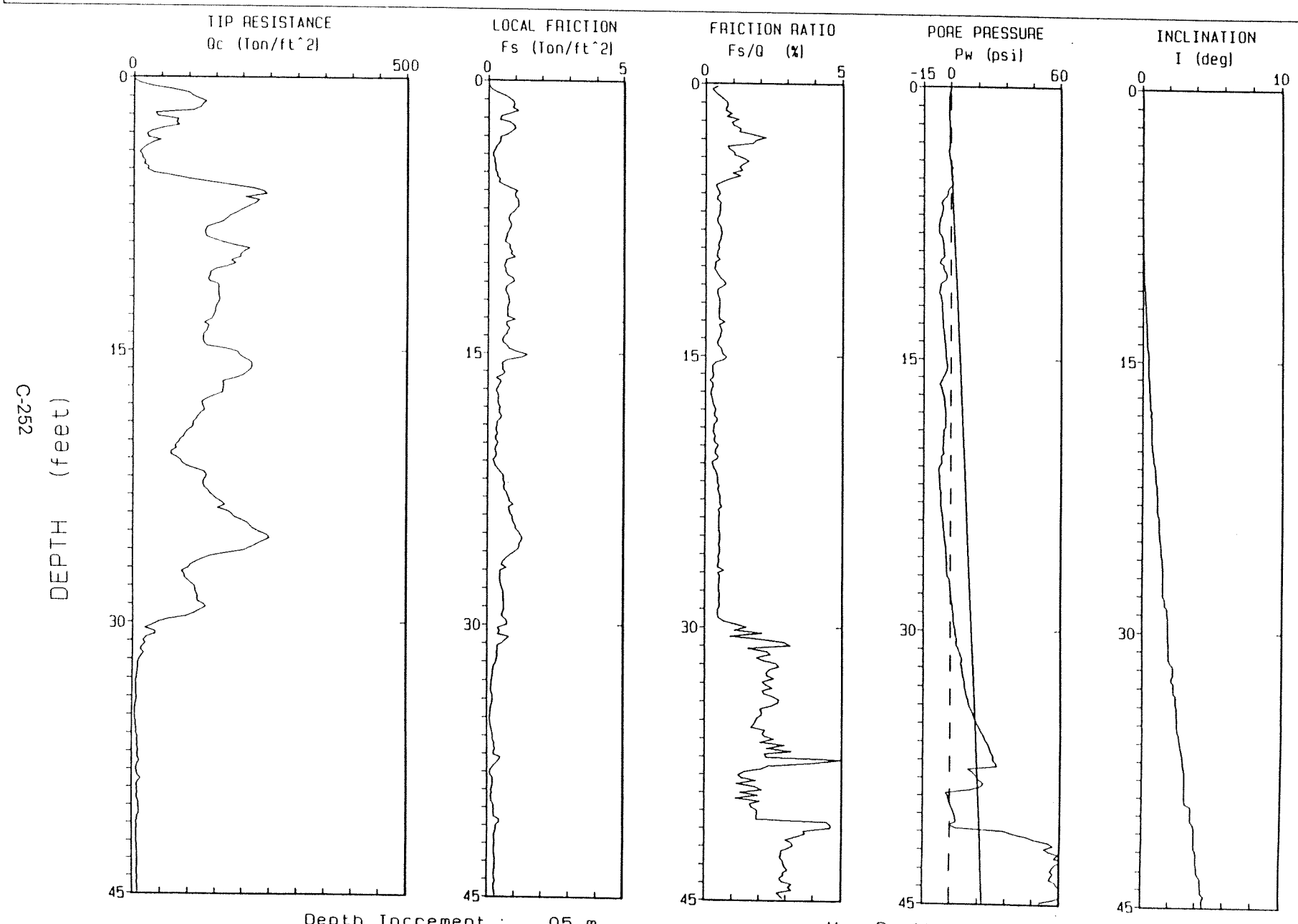
CORPORATE OFFICE
[illegible] Endeavour Way
[illegible] FL 33[illegible]
[illegible] 541-9444 FAX (813) 541-1510
[illegible]@Largo.aol.com

Williams & Assoc.

Operator : J. MAURER
Location : CPT-1

CPT Date : 10-24-97 13:53
Cone Used : 391

Sounding : 102401 Pg 1 / 2
Job No. : C397148

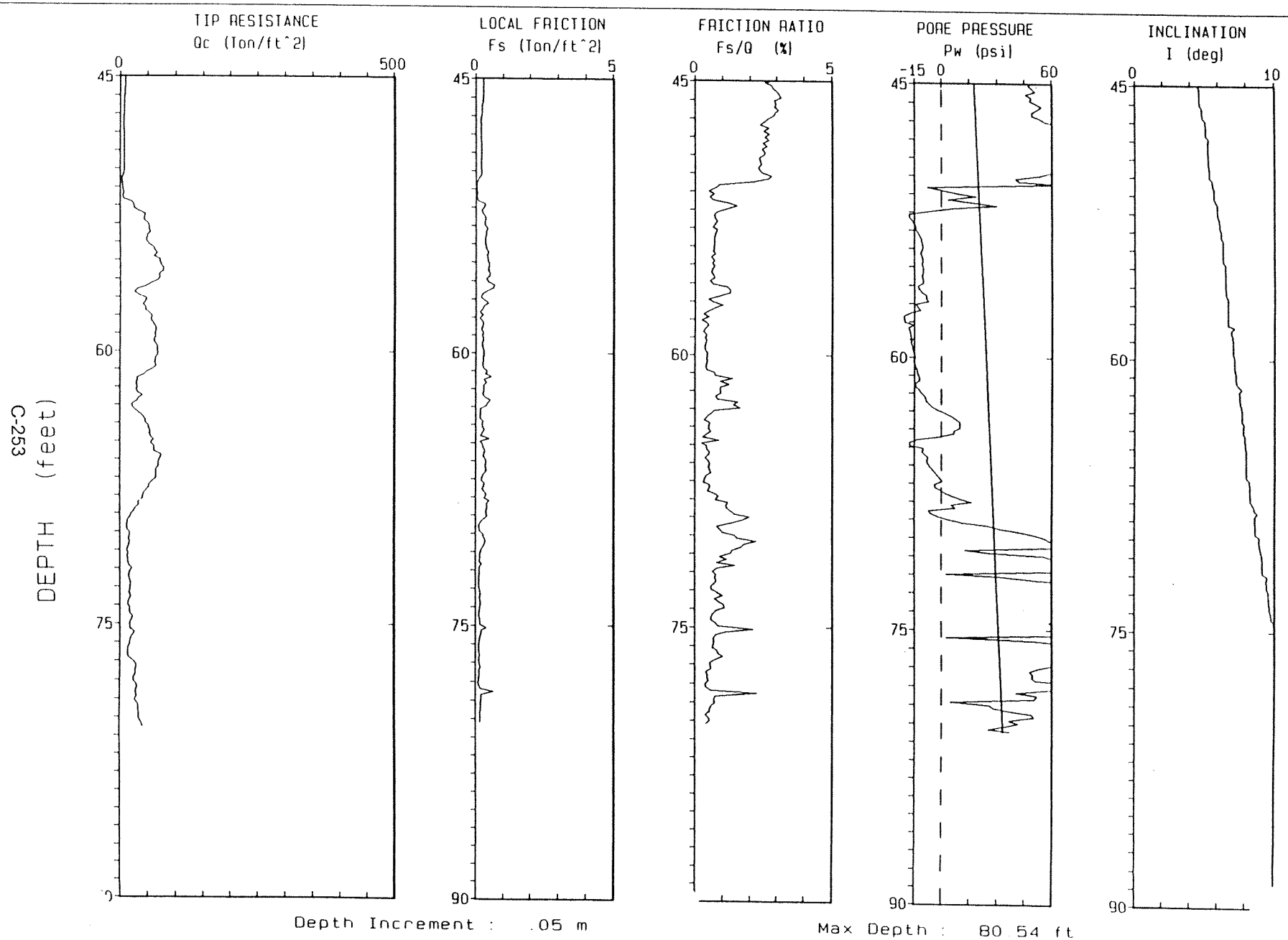


Depth Increment : .05 m

Max Depth : 80.54 ft

Williams & Assoc.

Operator : J. MAURER
CPT Date : 10-24-97 13:53
Sounding : 102401 Pg 2 / 2
Location : CPT-1
Cone Used : 391
Job No. : C397148



1 WILLIAMS EARTH SCIENCES INC

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Operator :J. MAURER CPT Date :10-24-97 13:53

Location :CPT-1 Cone Used :391

b No. :C397148 Water table (feet) :

.t. Unit Wt. (avg) : 110 pcf

DEPTH (meters)	DEPTH (feet)	Qc (avg) (tsf)	Fs (avg) (tsf)	Rf (avg) (%)	SIGV' (tsf)	SOIL BEHAVIOUR TYPE	Eq - Dr (%)	PHI deg.	SPT N	Su tsf
0.30	1	52.77	0.31	0.58	0.03	sand to silty sand	>90	>48	13	UNDEFINED
0.60	2	106.98	0.86	0.81	0.08	sand to silty sand	>90	>48	26	UNDEFINED
0.95	3	56.00	0.74	1.32	0.14	silty sand to sandy silt	70-80	46-48	18	UNDEFINED
1.25	4	26.58	0.28	1.05	0.20	sandy silt to clayey silt	UNDFND	UNDFD	10	2.6
1.55	5	20.20	0.25	1.25	0.25	sandy silt to clayey silt	UNDFND	UNDFD	8	1.9
1.85	6	124.18	0.59	0.48	0.31	sand	80-90	46-48	24	UNDEFINED
2.15	7	225.22	1.06	0.47	0.34	sand	>90	>48	43	UNDEFINED
2.45	8	174.85	0.82	0.47	0.36	sand	>90	46-48	33	UNDEFINED
2.75	9	139.03	0.70	0.50	0.39	sand	80-90	46-48	27	UNDEFINED
3.05	10	195.10	0.80	0.41	0.41	sand	>90	46-48	37	UNDEFINED
3.35	11	153.73	0.75	0.49	0.43	sand	>90	46-48	29	UNDEFINED
3.65	12	151.97	0.71	0.47	0.46	sand	80-90	46-48	29	UNDEFINED
3.95	13	151.37	0.72	0.48	0.48	sand	80-90	44-46	29	UNDEFINED
4.25	14	136.52	0.76	0.56	0.50	sand	80-90	44-46	26	UNDEFINED
4.55	15	135.10	0.69	0.51	0.53	sand	80-90	44-46	26	UNDEFINED
4.85	16	205.33	0.83	0.41	0.55	sand	>90	46-48	39	UNDEFINED
5.15	17	189.57	0.46	0.24	0.57	sand	>90	46-48	36	UNDEFINED
5.45	18	149.62	0.36	0.24	0.60	sand	80-90	44-46	29	UNDEFINED
5.75	19	122.85	0.43	0.35	0.62	sand	70-80	44-46	24	UNDEFINED
05	20	101.12	0.31	0.31	0.64	sand	70-80	42-44	19	UNDEFINED
.40	21	76.70	0.29	0.37	0.67	sand to silty sand	60-70	40-42	18	UNDEFINED
6.70	22	108.43	0.41	0.38	0.70	sand	70-80	42-44	21	UNDEFINED
7.00	23	131.98	0.64	0.48	0.72	sand	70-80	42-44	25	UNDEFINED
7.35	24	162.29	0.83	0.51	0.74	sand	80-90	44-46	31	UNDEFINED
7.65	25	210.13	1.05	0.50	0.77	sand	>90	44-46	40	UNDEFINED
7.95	26	229.98	1.16	0.50	0.79	sand	>90	44-46	44	UNDEFINED
8.25	27	125.33	0.62	0.50	0.82	sand	70-80	42-44	24	UNDEFINED
8.55	28	98.35	0.49	0.50	0.84	sand to silty sand	60-70	40-42	24	UNDEFINED
8.85	29	117.77	0.60	0.51	0.86	sand	70-80	42-44	23	UNDEFINED
9.15	30	95.32	0.64	0.67	0.89	sand to silty sand	60-70	40-42	23	UNDEFINED
9.45	31	29.70	0.55	1.84	0.91	sandy silt to clayey silt	UNDFND	UNDFD	11	2.8
9.75	32	16.87	0.35	2.08	0.93	clayey silt to silty clay	UNDFND	UNDFD	8	1.5
0.05	33	8.75	0.21	2.39	0.96	silty clay to clay	UNDFND	UNDFD	6	.6
0.35	34	6.77	0.16	2.38	0.98	silty clay to clay	UNDFND	UNDFD	4	.4
10.65	35	6.23	0.14	2.23	1.00	silty clay to clay	UNDFND	UNDFD	4	.4
0.95	36	6.72	0.13	1.99	1.03	silty clay to clay	UNDFND	UNDFD	4	.4
1.25	37	9.60	0.24	2.50	1.05	silty clay to clay	UNDFND	UNDFD	6	.7
11.55	38	10.47	0.30	2.85	1.07	silty clay to clay	UNDFND	UNDFD	7	.8

Dr - All sands (Jamiolkowski et al. 1985) PHI - Robertson and Campanella 1983 Su: Nk= 10

** Note: For interpretation purposes the PLOTTED CPT PROFILE should be used with the TABULATED OUTPUT from CPTINTR1 (v 3.04) ****

1 WILLIAMS EARTH SCIENCES INC

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erator :J. MAURER Location :CPT-1 Page No. 2

DEPTH (meters)	DEPTH (feet)	Qc (avg) (tsf)	Fs (avg) (tsf)	Rf (avg) (%)	SIGV' (tsf)	SOIL BEHAVIOUR TYPE	Eq - Dr (%)	PHI deg.	SPT N	Su tsf
11.85	39	10.18	0.16	1.56	1.10	clayey silt to silty clay	UNDFND	UNDFD	5	.8
12.15	40	9.90	0.16	1.60	1.12	clayey silt to silty clay	UNDFND	UNDFD	5	.7
12.45	41	11.60	0.31	2.64	1.14	silty clay to clay	UNDFND	UNDFD	7	.9
12.80	42	7.89	0.28	3.52	1.17	clay	UNDFND	UNDFD	8	.5
13.10	43	9.15	0.26	2.88	1.19	silty clay to clay	UNDFND	UNDFD	6	.6
13.40	44	9.17	0.27	2.91	1.22	silty clay to clay	UNDFND	UNDFD	6	.6
13.75	45	9.27	0.27	2.92	1.24	silty clay to clay	UNDFND	UNDFD	6	.6
14.05	46	9.00	0.27	2.98	1.27	silty clay to clay	UNDFND	UNDFD	6	.6
14.35	47	7.63	0.22	2.90	1.29	silty clay to clay	UNDFND	UNDFD	5	.5
14.65	48	7.08	0.18	2.57	1.32	silty clay to clay	UNDFND	UNDFD	5	.4
14.95	49	7.62	0.19	2.56	1.34	silty clay to clay	UNDFND	UNDFD	5	.4
15.25	50	8.05	0.19	2.39	1.36	silty clay to clay	UNDFND	UNDFD	5	.5
15.55	51	4.78	0.08	1.76	1.39	sensitive fine grained	UNDFND	UNDFD	2	.2
15.85	52	11.95	0.14	1.14	1.41	clayey silt to silty clay	UNDFND	UNDFD	6	.9
16.15	53	40.57	0.29	0.72	1.43	silty sand to sandy silt	<40	34-36	13	UNDEFINED
16.45	54	51.07	0.37	0.72	1.46	silty sand to sandy silt	40-50	34-36	16	UNDEFINED
16.75	55	62.53	0.41	0.65	1.48	sand to silty sand	40-50	36-38	15	UNDEFINED
17.05	56	74.08	0.46	0.62	1.50	sand to silty sand	50-60	36-38	18	UNDEFINED
17.35	57	44.08	0.42	0.96	1.53	silty sand to sandy silt	<40	34-36	14	UNDEFINED
17.65	58	46.53	0.28	0.61	1.55	silty sand to sandy silt	<40	34-36	15	UNDEFINED
17.95	59	60.47	0.22	0.37	1.57	sand to silty sand	40-50	36-38	14	UNDEFINED
3.25	60	64.33	0.24	0.38	1.60	sand to silty sand	40-50	36-38	15	UNDEFINED
18.55	61	65.35	0.27	0.41	1.62	sand to silty sand	40-50	36-38	16	UNDEFII
18.85	62	40.65	0.38	0.94	1.64	silty sand to sandy silt	<40	32-34	13	UNDEFINED
19.20	63	31.49	0.35	1.11	1.67	silty sand to sandy silt	<40	30-32	10	UNDEFINED
19.50	64	37.22	0.18	0.49	1.69	silty sand to sandy silt	<40	32-34	12	UNDEFINED
19.80	65	54.80	0.26	0.47	1.72	sand to silty sand	40-50	34-36	13	UNDEFINED
20.15	66	65.19	0.30	0.46	1.74	sand to silty sand	40-50	36-38	16	UNDEFINED
20.45	67	66.10	0.29	0.43	1.77	sand to silty sand	40-50	36-38	16	UNDEFINED
20.75	68	49.10	0.30	0.61	1.79	sand to silty sand	<40	34-36	12	UNDEFINED
21.05	69	30.48	0.40	1.31	1.81	sandy silt to clayey silt	UNDFND	UNDFD	12	2.6
21.35	70	14.73	0.18	1.24	1.84	sandy silt to clayey silt	UNDFND	UNDFD	6	1.0
21.65	71	15.98	0.27	1.66	1.86	clayey silt to silty clay	UNDFND	UNDFD	8	1.2
21.95	72	16.02	0.15	0.92	1.88	sandy silt to clayey silt	UNDFND	UNDFD	6	1.2
22.25	73	18.00	0.12	0.66	1.91	sandy silt to clayey silt	UNDFND	UNDFD	7	1.4
22.55	74	17.15	0.15	0.90	1.93	sandy silt to clayey silt	UNDFND	UNDFD	7	1.3
22.85	75	19.43	0.13	0.67	1.95	sandy silt to clayey silt	UNDFND	UNDFD	7	1.5
23.15	76	20.85	0.20	0.96	1.98	sandy silt to clayey silt	UNDFND	UNDFD	8	1.6
23.45	77	16.35	0.12	0.73	2.00	sandy silt to clayey silt	UNDFND	UNDFD	6	1.2
23.75	78	27.73	0.13	0.47	2.03	silty sand to sandy silt	<40	<30	9	UNDEFINED
24.05	79	29.43	0.24	0.83	2.05	silty sand to sandy silt	<40	30-32	9	UNDEFINED
24.35	80	32.67	0.17	0.52	2.07	silty sand to sandy silt	<40	30-32	10	UNDEFINED

Dr - All sands (Jamiolkowski et al. 1985) PHI - Robertson and Campanella 1983 Su: Nk= 10

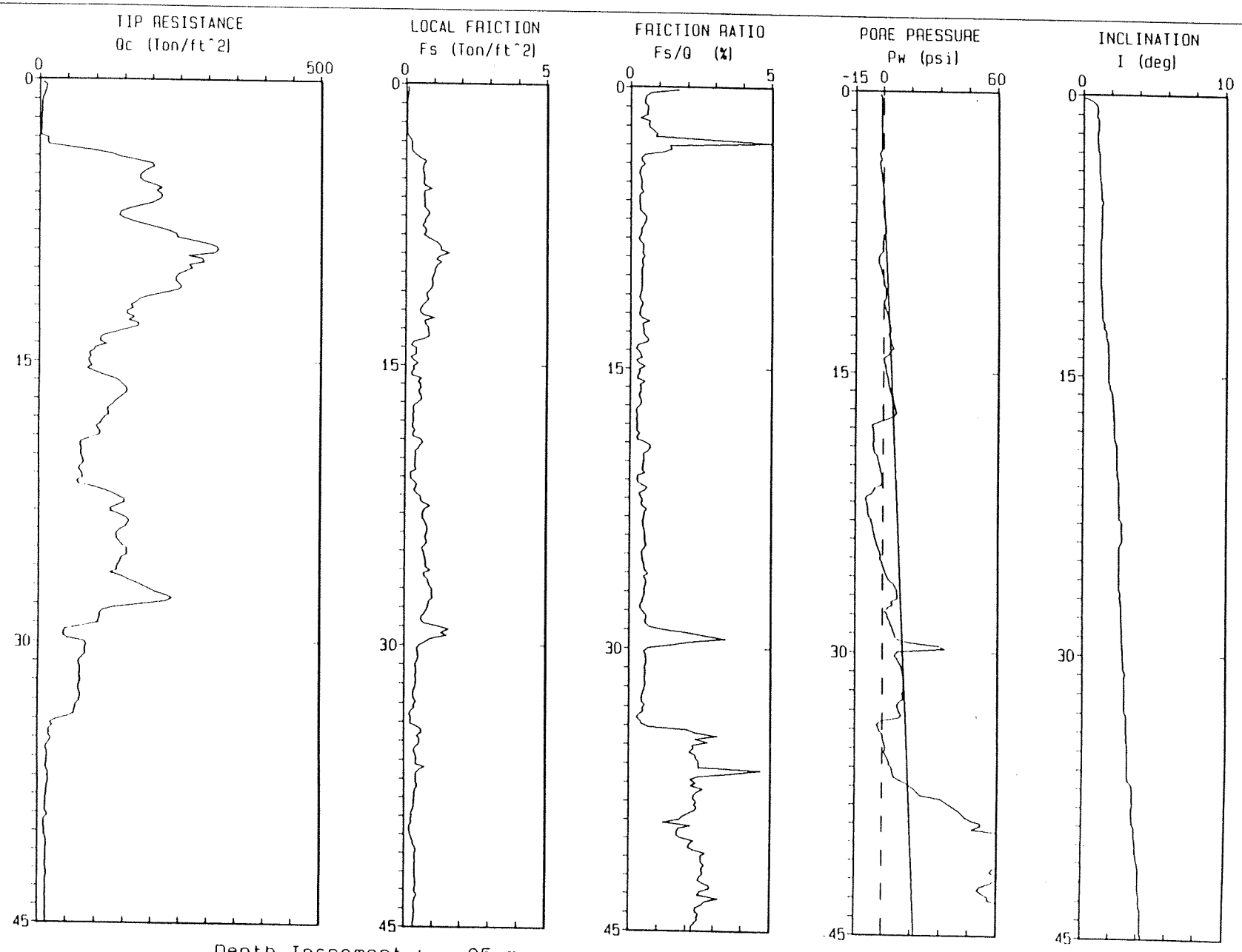
Note: For interpretation purposes the PLOTTED CPT PROFILE should be used with the TABULATED OUTPUT from CPTINTR1 (v 3.04)

Williams & Assoc.

Operator : J. MAURER
Location : CPT-2

CPT Date : 10-23-97 10:23
Cone Used : 391

Sounding : 102301 Pg 1 / 2
Job No. : C397148



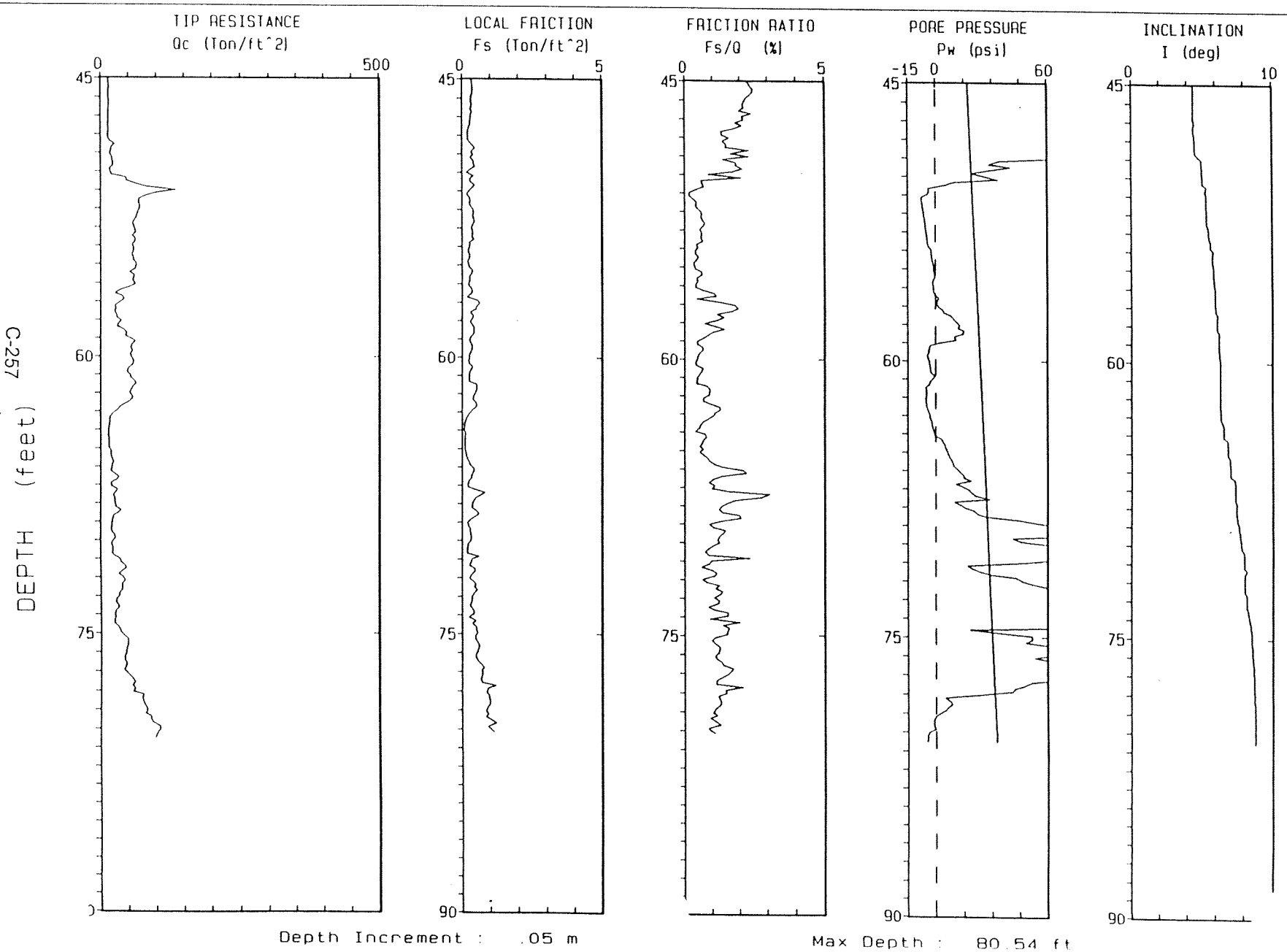
C-256

Depth Increment : .05 m

Max Depth : 80.54 ft

Williams & Assoc.

Operator : J. MAURER
CPT Date : 10-23-97 10:23
Sounding : 102301 Pg 2 / 2
Location : CPT-2
Cone Used : 391
Job No. : C397148



1 WILLIAMS EARTH SCIENCES INC

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Operator :J. MAURER CPT Date :10-23-97 10:23

Location :CPT-2 Cone Used :391

Job No. :C397148 Water table (feet) .

Tot. Unit Wt. (avg) : 110 pcf

DEPTH (meters)	DEPTH (feet)	Qc (avg) (tsf)	Fs (avg) (tsf)	Rf (avg) (%)	SIGV' (tsf)	SOIL BEHAVIOUR TYPE	Eq - Dr (%)	PHI deg.	SPT N	Su tsf
0.30	1	8.93	0.06	0.67	0.03	clayey silt to silty clay	UNDFND	UNDFD	4	.8
0.60	2	4.42	0.02	0.55	0.08	sensitive fine grained	UNDFND	UNDFD	2	.4
0.95	3	5.06	0.08	1.63	0.14	sensitive fine grained	UNDFND	UNDFD	2	.4
1.25	4	74.83	0.36	0.49	0.20	sand to silty sand	80-90	46-48	18	UNDEFINED
1.55	5	187.75	0.62	0.33	0.25	sand	>90	>48	36	UNDEFINED
1.85	6	200.82	0.69	0.34	0.31	sand	>90	>48	38	UNDEFINED
2.15	7	184.05	0.72	0.39	0.34	sand	>90	>48	35	UNDEFINED
2.45	8	181.18	0.66	0.37	0.36	sand	>90	46-48	35	UNDEFINED
2.75	9	282.27	1.18	0.42	0.39	gravelly sand to sand	>90	>48	45	UNDEFINED
3.05	10	282.68	1.13	0.40	0.41	gravelly sand to sand	>90	>48	45	UNDEFINED
3.35	11	248.37	0.93	0.37	0.43	sand	>90	>48	48	UNDEFINED
3.65	12	195.93	0.68	0.35	0.46	sand	>90	46-48	38	UNDEFINED
3.95	13	162.78	0.73	0.45	0.48	sand	>90	46-48	31	UNDEFINED
4.25	14	131.33	0.59	0.45	0.50	sand	80-90	44-46	25	UNDEFINED
4.55	15	96.43	0.34	0.35	0.53	sand	70-80	42-44	18	UNDEFINED
4.85	16	100.90	0.34	0.34	0.55	sand	70-80	42-44	19	UNDEFINED
5.15	17	149.48	0.53	0.36	0.57	sand	80-90	44-46	29	UNDEFINED
5.45	18	127.52	0.31	0.24	0.60	sand	80-90	44-46	24	UNDEFINED
5.75	19	108.10	0.28	0.26	0.62	sand	70-80	42-44	21	UNDEFINED
6.05	20	81.73	0.47	0.58	0.64	sand to silty sand	60-70	42-44	20	UNDEFINED
6.40	21	75.03	0.31	0.41	0.67	sand to silty sand	60-70	40-42	18	UNDEFINED
6.70	22	83.47	0.34	0.40	0.70	sand to silty sand	60-70	40-42	20	UNDEFINED
7.00	23	139.32	0.66	0.47	0.72	sand	80-90	42-44	27	UNDEFINED
7.35	24	147.66	0.72	0.49	0.74	sand	80-90	44-46	28	UNDEFINED
7.65	25	142.58	0.70	0.49	0.77	sand	80-90	42-44	27	UNDEFINED
7.95	26	146.12	0.76	0.52	0.79	sand	80-90	42-44	28	UNDEFINED
8.25	27	153.77	0.82	0.53	0.82	sand	80-90	42-44	29	UNDEFINED
8.55	28	212.43	0.91	0.43	0.84	sand	>90	44-46	41	UNDEFINED
8.85	29	111.80	0.76	0.68	0.86	sand to silty sand	70-80	42-44	27	UNDEFINED
9.15	30	58.03	1.10	1.89	0.89	silty sand to sandy silt	50-60	38-40	19	UNDEFINED
9.45	31	79.93	0.44	0.56	0.91	sand to silty sand	60-70	40-42	19	UNDEFINED
9.75	32	73.53	0.40	0.55	0.93	sand to silty sand	50-60	38-40	18	UNDEFINED
10.05	33	73.23	0.35	0.47	0.96	sand to silty sand	50-60	38-40	18	UNDEFINED
10.35	34	64.32	0.25	0.39	0.98	sand to silty sand	50-60	38-40	15	UNDEFINED
10.65	35	23.25	0.48	2.08	1.00	sandy silt to clayey silt	UNDFND	UNDFD	9	2.1
10.95	36	18.40	0.42	2.28	1.03	clayey silt to silty clay	UNDFND	UNDFD	9	1.6
11.25	37	16.52	0.48	2.91	1.05	clayey silt to silty clay	UNDFND	UNDFD	8	1.4
11.55	38	16.97	0.40	2.34	1.07	clayey silt to silty clay	UNDFND	UNDFD	8	1.4

Dr - All sands (Jamiolkowski et al. 1985) PHI - Robertson and Campanella 1983 Su: Nk= 10

** Note: For interpretation purposes the PLOTTED CPT PROFILE should be used with the TABULATED OUTPUT from CPTINTR1 (v 3.04) ****

1 WILLIAMS EARTH SCIENCES INC

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O rator :J. MAURER Location :CPT-2 Page No. 2

DEPTH (ters)	(feet)	Qc (avg) (tsf)	Fs (avg) (tsf)	Rf (avg) (%)	SIGV' (tsf)	SOIL BEHAVIOUR TYPE	Eq - Dr (%)	PHI deg.	SPT N	Su tsf
11.85	39	14.03	0.31	2.21	1.10	clayey silt to silty clay	UNDFND	UNDFD	7	1.1
12.15	40	13.12	0.22	1.65	1.12	clayey silt to silty clay	UNDFND	UNDFD	6	1.0
12.45	41	13.85	0.31	2.21	1.14	clayey silt to silty clay	UNDFND	UNDFD	7	1.1
12.80	42	14.46	0.37	2.57	1.17	clayey silt to silty clay	UNDFND	UNDFD	7	1.2
13.10	43	14.85	0.39	2.61	1.19	clayey silt to silty clay	UNDFND	UNDFD	7	1.2
13.40	44	14.58	0.38	2.59	1.22	clayey silt to silty clay	UNDFND	UNDFD	7	1.2
13.75	45	14.63	0.34	2.33	1.24	clayey silt to silty clay	UNDFND	UNDFD	7	1.2
14.05	46	14.95	0.35	2.34	1.27	clayey silt to silty clay	UNDFND	UNDFD	7	1.2
14.35	47	14.87	0.32	2.15	1.29	clayey silt to silty clay	UNDFND	UNDFD	7	1.2
14.65	48	14.15	0.24	1.67	1.32	clayey silt to silty clay	UNDFND	UNDFD	7	1.1
14.95	49	18.70	0.34	1.79	1.34	sandy silt to clayey silt	UNDFND	UNDFD	7	1.6
15.25	50	19.92	0.33	1.67	1.36	sandy silt to clayey silt	UNDFND	UNDFD	8	1.7
15.55	51	65.45	0.33	0.50	1.39	sand to silty sand	40-50	36-38	16	UNDEFINED
15.85	52	75.60	0.28	0.37	1.41	sand to silty sand	50-60	36-38	18	UNDEFINED
16.15	53	62.02	0.39	0.63	1.43	sand to silty sand	40-50	36-38	15	UNDEFINED
16.45	54	60.32	0.34	0.56	1.46	sand to silty sand	40-50	36-38	14	UNDEFINED
16.75	55	59.20	0.23	0.39	1.48	sand to silty sand	40-50	36-38	14	UNDEFINED
17.05	56	59.00	0.29	0.49	1.50	sand to silty sand	40-50	36-38	14	UNDEFINED
17.35	57	42.78	0.33	0.77	1.53	silty sand to sandy silt	<40	34-36	14	UNDEFINED
17.65	58	28.52	0.45	1.56	1.55	sandy silt to clayey silt	UNDFND	UNDFD	11	2.5
17.95	59	38.83	0.37	0.95	1.57	silty sand to sandy silt	<40	32-34	12	UNDEFINED
.25	60	56.35	0.30	0.53	1.60	sand to silty sand	40-50	34-36	13	UNDEFINED
.55	61	54.15	0.27	0.51	1.62	sand to silty sand	40-50	34-36	13	UNDEFINE
18.85	62	57.70	0.38	0.66	1.64	sand to silty sand	40-50	34-36	14	UNDEFINED
9.20	63	45.73	0.43	0.94	1.67	silty sand to sandy silt	<40	34-36	15	UNDEFINED
9.50	64	17.28	0.12	0.69	1.69	sandy silt to clayey silt	UNDFND	UNDFD	7	1.3
19.80	65	15.00	0.10	0.67	1.72	sandy silt to clayey silt	UNDFND	UNDFD	6	1.1
20.15	66	20.21	0.22	1.08	1.74	sandy silt to clayey silt	UNDFND	UNDFD	8	1.6
20.45	67	23.85	0.29	1.22	1.77	sandy silt to clayey silt	UNDFND	UNDFD	9	2.0
20.75	68	26.05	0.52	2.01	1.79	sandy silt to clayey silt	UNDFND	UNDFD	10	2.2
21.05	69	26.95	0.40	1.49	1.81	sandy silt to clayey silt	UNDFND	UNDFD	10	2.3
21.35	70	22.47	0.28	1.27	1.84	sandy silt to clayey silt	UNDFND	UNDFD	9	1.8
21.65	71	24.22	0.28	1.16	1.86	sandy silt to clayey silt	UNDFND	UNDFD	9	2.0
21.95	72	39.35	0.35	0.88	1.88	silty sand to sandy silt	<40	32-34	13	UNDEFINED
2.25	73	37.85	0.43	1.14	1.91	silty sand to sandy silt	<40	30-32	12	UNDEFINED
2.55	74	28.47	0.35	1.24	1.93	sandy silt to clayey silt	UNDFND	UNDFD	11	2.4
22.85	75	29.25	0.44	1.51	1.95	sandy silt to clayey silt	UNDFND	UNDFD	11	2.5
23.15	76	46.22	0.53	1.16	1.98	silty sand to sandy silt	<40	32-34	15	UNDEFINED
3.45	77	43.65	0.62	1.41	2.00	silty sand to sandy silt	<40	32-34	14	UNDEFINED
23.75	78	56.13	0.82	1.47	2.03	silty sand to sandy silt	<40	34-36	18	UNDEFINED
24.05	79	74.55	0.95	1.27	2.05	silty sand to sandy silt	40-50	36-38	24	UNDEFINED
4.35	80	91.10	0.97	1.07	2.07	sand to silty sand	50-60	36-38	22	UNDEFINED

Dr - All sands (Jamiolkowski et al. 1985) PHI - Robertson and Campanella 1983 Su: Nk= 10

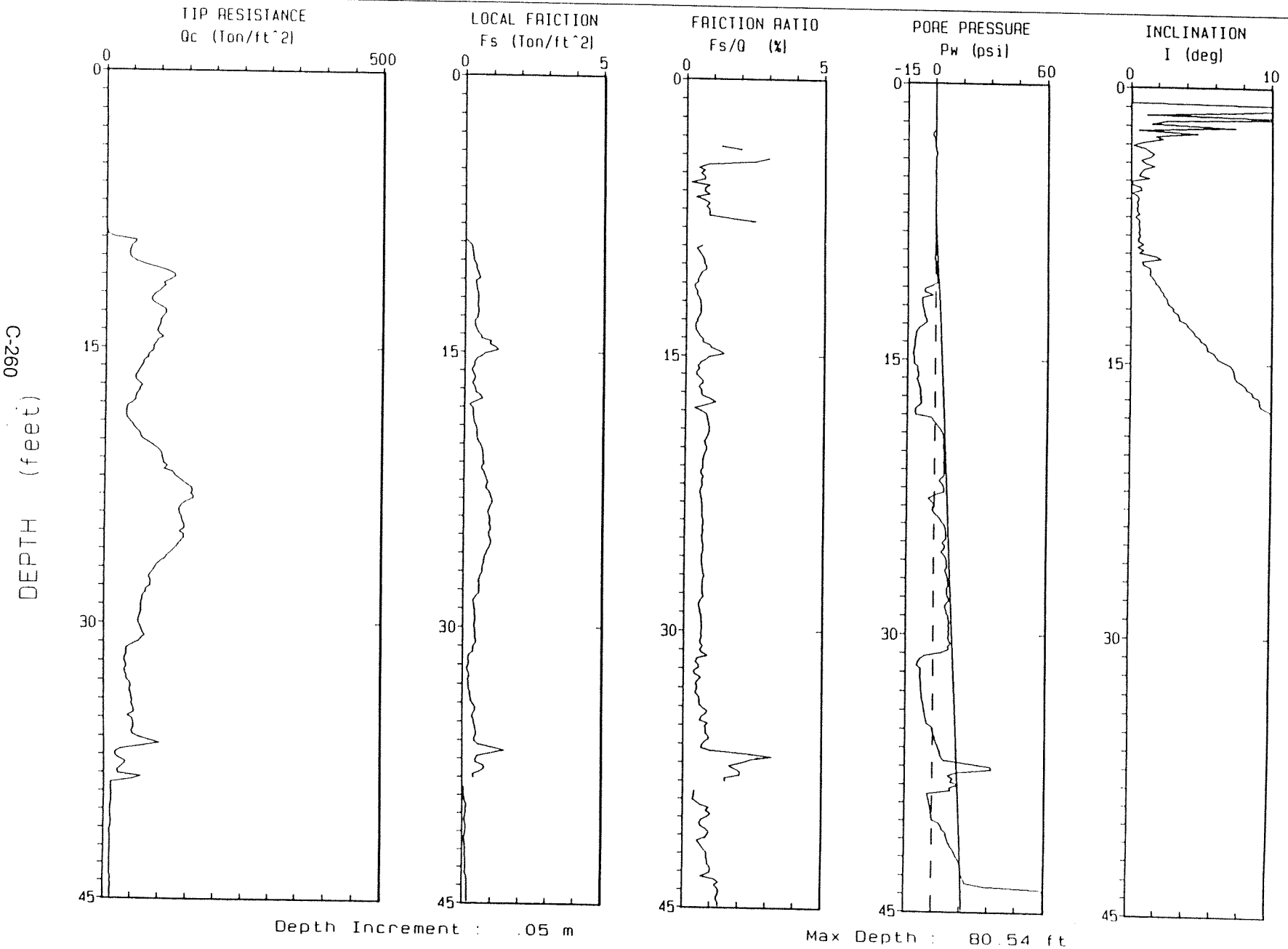
Note: For interpretation purposes the PLOTTED CPT PROFILE should be used with the TABULATED OUTPUT from CPTINTR1 (v 3.04) **

Williams & Assoc.

Operator : J. MAURER
Location : CPT-3

CPT Date : 10-16-97 12:56
Cone Used : 391

Sounding : 101601 Pg 1 / 2
Job No. : C397148



Depth Increment : .05 m

Max Depth : 80.54 ft

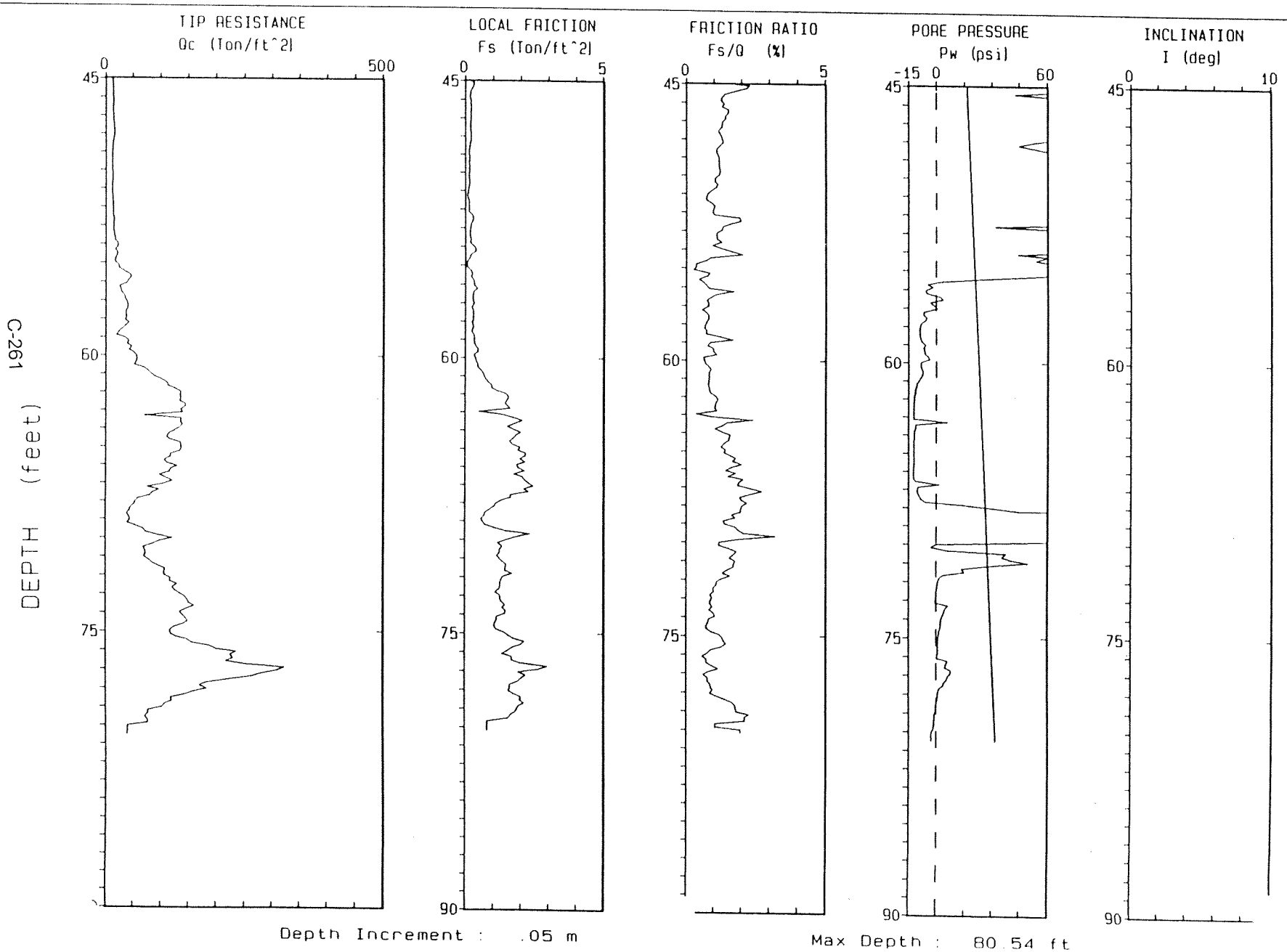
C-260

Williams & Assoc.

Operator : J. MAURER
Location : CPT-3

CPT Date : 10-16-97 12:56
Cone Used : 391

Sounding : 101601 Pg 2 / 2
Job No. : C397148



1 WILLIAMS EARTH SCIENCES INC

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Operator :J. MAURER CPT Date :10-16-97 12:56

Location :CPT-3 Cone Used :391

Job No. :C397148 Water table (feet) :

Tot. Unit Wt. (avg) : 110 pcf

DEPTH (meters)	DEPTH (feet)	Qc (avg) (tsf)	Fs (avg) (tsf)	Rf (avg) (%)	SIGV' (tsf)	SOIL BEHAVIOUR TYPE	Eq - Dr (%)	PHI deg.	SPT N	Su tsf
0.30	1	0.05	-0.00	-4.33	0.03	undefined	UNDFND	UNDFD	UDF	UNDEFINED
0.60	2	0.20	-0.00	-0.50	0.08	undefined	UNDFND	UNDFD	UDF	UNDEFINED
0.95	3	0.44	-0.00	-0.55	0.14	undefined	UNDFND	UNDFD	UDF	UNDEFINED
1.25	4	0.17	0.00	0.40	0.20	undefined	UNDFND	UNDFD	UDF	UNDEFINED
1.55	5	0.45	0.00	0.81	0.25	undefined	UNDFND	UNDFD	UDF	UNDEFINED
1.85	6	0.62	0.00	0.59	0.31	undefined	UNDFND	UNDFD	UDF	UNDEFINED
2.15	7	0.62	0.00	0.70	0.34	undefined	UNDFND	UNDFD	UDF	UNDEFINED
2.45	8	0.27	0.00	1.87	0.36	undefined	UNDFND	UNDFD	UDF	UNDEFINED
2.75	9	3.13	0.02	0.50	0.39	sensitive fine grained	UNDFND	UNDFD	2	.2
3.05	10	47.10	0.25	0.53	0.41	sand to silty sand	50-60	40-42	11	UNDEFINED
3.35	11	83.73	0.43	0.51	0.43	sand to silty sand	70-80	42-44	20	UNDEFINED
3.65	12	109.00	0.41	0.37	0.46	sand	80-90	44-46	21	UNDEFINED
3.95	13	92.87	0.45	0.49	0.48	sand to silty sand	70-80	42-44	22	UNDEFINED
4.25	14	101.15	0.39	0.38	0.50	sand	70-80	44-46	19	UNDEFINED
4.55	15	95.00	0.87	0.92	0.53	sand to silty sand	70-80	42-44	23	UNDEFINED
4.85	16	76.90	0.44	0.57	0.55	sand to silty sand	60-70	42-44	18	UNDEFINED
5.15	17	58.62	0.31	0.53	0.57	sand to silty sand	50-60	40-42	14	UNDEFINED
5.45	18	59.28	0.42	0.71	0.60	sand to silty sand	50-60	40-42	14	UNDEFINED
5.75	19	41.02	0.31	0.75	0.62	silty sand to sandy silt	40-50	38-40	13	UNDEFINED
05	20	55.75	0.43	0.78	0.64	silty sand to sandy silt	50-60	40-42	18	UNDEFINED
6.40	21	91.67	0.63	0.69	0.67	sand to silty sand	60-70	42-44	22	UNDEFINED
6.70	22	114.32	0.70	0.61	0.70	sand to silty sand	70-80	42-44	27	UNDEFINED
7.00	23	149.57	0.86	0.57	0.72	sand	80-90	44-46	29	UNDEFINED
7.35	24	145.07	0.92	0.64	0.74	sand	80-90	42-44	28	UNDEFINED
7.65	25	141.82	0.91	0.64	0.77	sand	80-90	42-44	27	UNDEFINED
7.95	26	135.97	0.89	0.65	0.79	sand	70-80	42-44	26	UNDEFINED
8.25	27	105.07	0.69	0.66	0.82	sand to silty sand	70-80	42-44	25	UNDEFINED
8.55	28	84.65	0.56	0.66	0.84	sand to silty sand	60-70	40-42	20	UNDEFINED
8.85	29	71.12	0.41	0.58	0.86	sand to silty sand	50-60	40-42	17	UNDEFINED
9.15	30	64.77	0.41	0.63	0.89	sand to silty sand	50-60	38-40	16	UNDEFINED
9.45	31	68.17	0.42	0.62	0.91	sand to silty sand	50-60	38-40	16	UNDEFINED
9.75	32	41.77	0.24	0.58	0.93	silty sand to sandy silt	40-50	36-38	13	UNDEFINED
0.05	33	39.97	0.18	0.46	0.96	silty sand to sandy silt	40-50	36-38	13	UNDEFINED
0.35	34	47.87	0.25	0.52	0.98	sand to silty sand	40-50	36-38	11	UNDEFINED
10.65	35	51.18	0.38	0.74	1.00	silty sand to sandy silt	40-50	36-38	16	UNDEFINED
0.95	36	52.22	0.44	0.83	1.03	silty sand to sandy silt	40-50	36-38	17	UNDEFINED
1.25	37	60.45	0.83	1.37	1.05	silty sand to sandy silt	50-60	38-40	19	UNDEFINED
11.55	38	29.73	0.56	1.90	1.07	sandy silt to clayey silt	UNDFND	UNDFD	11	2.7

Dr - All sands (Jamiolkowski et al. 1985) PHI - Robertson and Campanella 1983 Su: Nk= 10

**** Note: For interpretation purposes the PLOTTED CPT PROFILE should be used with the TABULATED OUTPUT from CPTINTR1 (v 3.04) ****

1 WILLIAMS EARTH SCIENCES INC

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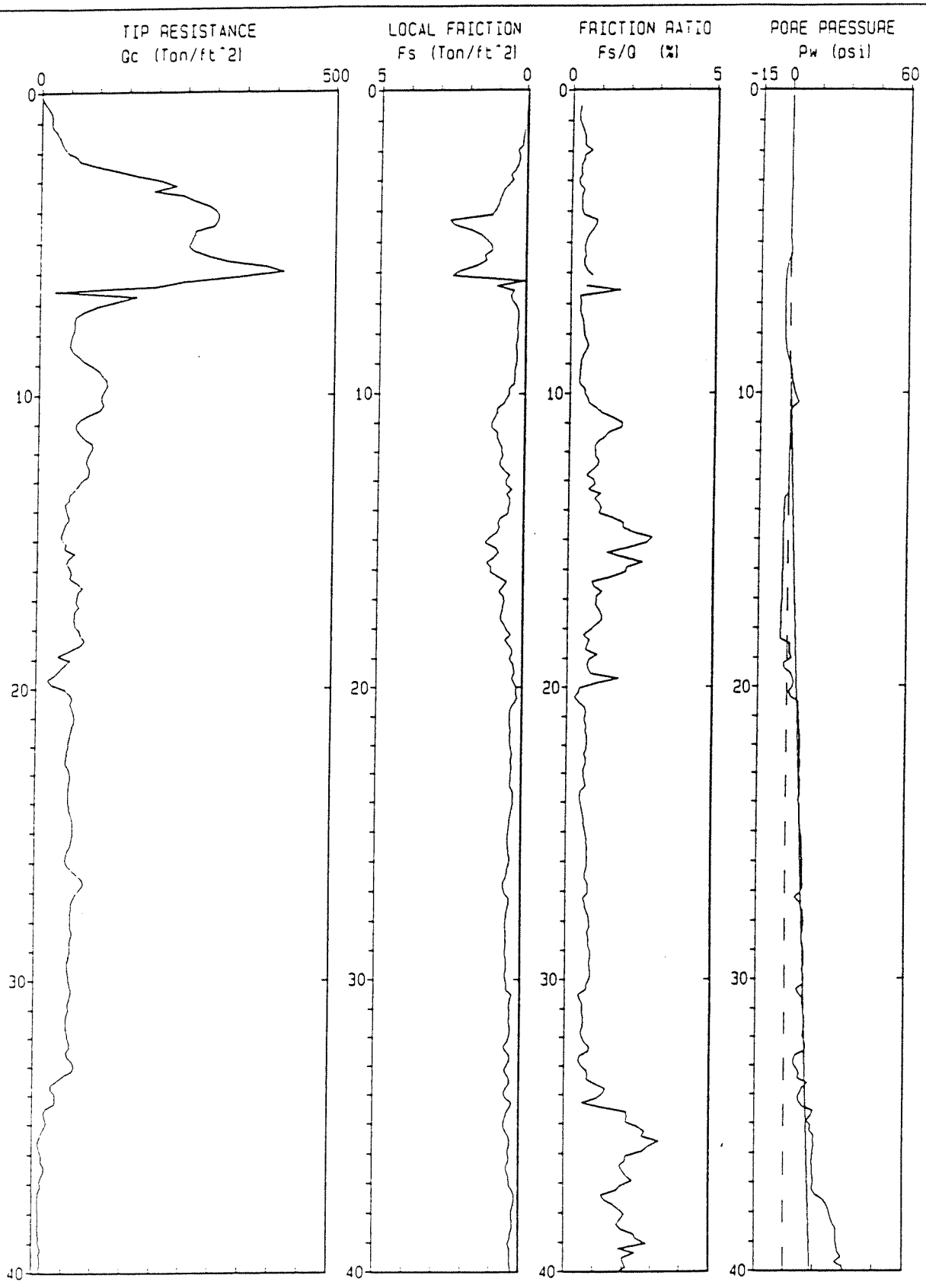
O rator :J. MAURER Location :CPT-3 Page No. 2

DEPTH (ters)	(feet)	Qc (avg) (tsf)	Fs (avg) (tsf)	Rf (avg) (%)	SIGV' (tsf)	SOIL BEHAVIOUR TYPE	Eq - Dr (%)	PHI deg.	SPT N	Su tsf
11.85	39	30.53	-10922.58	-35772.64	1.10	undefined	UNDFND	UNDFD	UDF	UNDEFINED
12.15	40	13.30	0.09	0.71	1.12	sandy silt to clayey silt	UNDFND	UNDFD	5	1.1
12.45	41	12.67	0.10	0.76	1.14	sandy silt to clayey silt	UNDFND	UNDFD	5	1.0
12.80	42	11.71	0.09	0.73	1.17	sandy silt to clayey silt	UNDFND	UNDFD	4	.9
13.10	43	12.05	0.11	0.92	1.19	sandy silt to clayey silt	UNDFND	UNDFD	5	.9
13.40	44	12.47	0.14	1.10	1.22	sandy silt to clayey silt	UNDFND	UNDFD	5	1.0
13.75	45	13.31	0.19	1.43	1.24	clayey silt to silty clay	UNDFND	UNDFD	6	1.0
14.05	46	13.77	0.21	1.52	1.27	clayey silt to silty clay	UNDFND	UNDFD	7	1.1
14.35	47	14.28	0.20	1.42	1.29	sandy silt to clayey silt	UNDFND	UNDFD	5	1.1
14.65	48	15.60	0.19	1.25	1.32	sandy silt to clayey silt	UNDFND	UNDFD	6	1.2
14.95	49	13.23	0.16	1.19	1.34	sandy silt to clayey silt	UNDFND	UNDFD	5	1.0
15.25	50	12.25	0.15	1.19	1.36	clayey silt to silty clay	UNDFND	UNDFD	6	.9
15.55	51	12.92	0.13	1.01	1.39	sandy silt to clayey silt	UNDFND	UNDFD	5	1.0
15.85	52	13.12	0.12	0.89	1.41	sandy silt to clayey silt	UNDFND	UNDFD	5	1.0
16.15	53	14.53	0.22	1.52	1.43	clayey silt to silty clay	UNDFND	UNDFD	7	1.1
16.45	54	16.87	0.19	1.15	1.46	sandy silt to clayey silt	UNDFND	UNDFD	6	1.3
16.75	55	19.20	0.20	1.03	1.48	sandy silt to clayey silt	UNDFND	UNDFD	7	1.6
17.05	56	35.55	0.22	0.61	1.50	silty sand to sandy silt	<40	32-34	11	UNDEFINED
17.35	57	31.45	0.31	0.99	1.53	silty sand to sandy silt	<40	30-32	10	UNDEFINED
17.65	58	38.32	0.28	0.73	1.55	silty sand to sandy silt	<40	32-34	12	UNDEFINED
17.95	59	31.53	0.27	0.86	1.57	silty sand to sandy silt	<40	30-32	10	UNDEFINED
18.25	60	42.92	0.38	0.87	1.60	silty sand to sandy silt	<40	32-34	14	UNDEFINED
18.55	61	61.03	0.48	0.79	1.62	sand to silty sand	40-50	36-38	15	UNDEFINED
18.85	62	104.58	0.88	0.84	1.64	sand to silty sand	60-70	38-40	25	UNDEFINED
19.20	63	138.47	1.36	0.99	1.67	sand to silty sand	60-70	40-42	33	UNDEFINED
19.50	64	126.63	1.68	1.33	1.69	sand to silty sand	60-70	38-40	30	UNDEFINED
19.80	65	123.57	1.80	1.45	1.72	sand to silty sand	60-70	38-40	30	UNDEFINED
20.15	66	122.34	2.00	1.64	1.74	sand to silty sand	60-70	38-40	29	UNDEFINED
20.45	67	111.47	2.12	1.90	1.77	silty sand to sandy silt	60-70	38-40	36	UNDEFINED
20.75	68	74.88	1.66	2.22	1.79	silty sand to sandy silt	50-60	36-38	24	UNDEFINED
21.05	69	44.37	0.75	1.69	1.81	silty sand to sandy silt	<40	32-34	14	UNDEFINED
21.35	70	75.75	1.46	1.93	1.84	silty sand to sandy silt	40-50	36-38	24	UNDEFINED
21.65	71	77.80	1.22	1.57	1.86	silty sand to sandy silt	50-60	36-38	25	UNDEFINED
21.95	72	96.92	1.45	1.50	1.88	silty sand to sandy silt	50-60	36-38	31	UNDEFINED
22.25	73	124.23	1.23	0.99	1.91	sand to silty sand	60-70	38-40	30	UNDEFINED
22.55	74	147.98	1.36	0.92	1.93	sand to silty sand	60-70	38-40	35	UNDEFINED
22.85	75	135.95	1.15	0.84	1.95	sand to silty sand	60-70	38-40	33	UNDEFINED
23.15	76	156.02	1.77	1.13	1.98	sand to silty sand	60-70	38-40	37	UNDEFINED
23.45	77	247.07	2.04	0.83	2.00	sand	80-90	40-42	47	UNDEFINED
23.75	78	237.47	1.86	0.78	2.03	sand	80-90	40-42	45	UNDEFINED
24.05	79	138.28	1.87	1.35	2.05	sand to silty sand	60-70	38-40	33	UNDEFINED
24.35	80	79.87	1.39	1.74	2.07	silty sand to sandy silt	40-50	36-38	26	UNDEFINED

Dr - All sands (Jamiolkowski et al. 1985) PHI - Robertson and Campanella 1983 Su: Nk= 10

* Note: For interpretation purposes the PLOTTED CPT PROFILE should be used with the TABULATED OUTPUT from CPTINTR1 (v 3.04) **

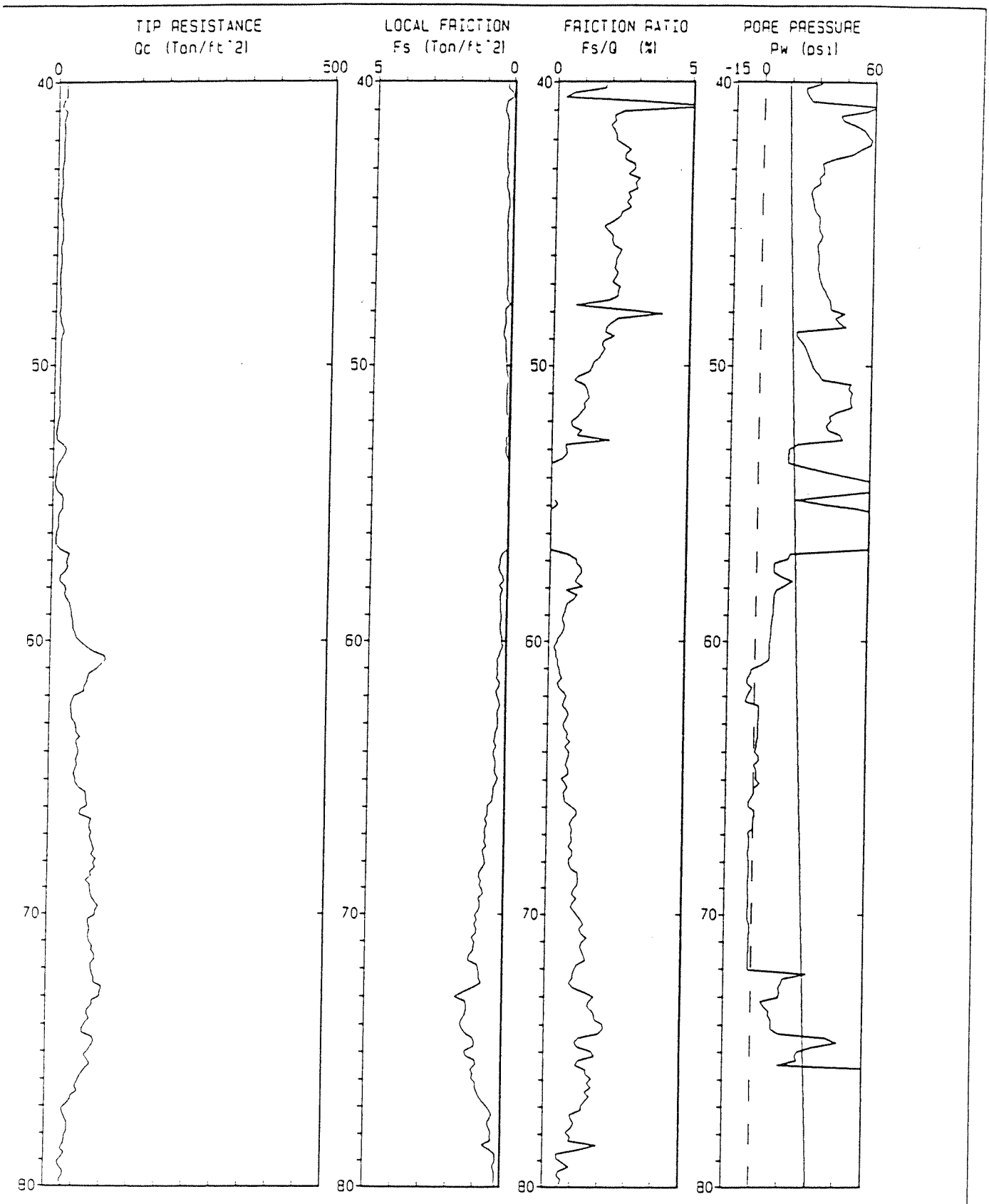


WILLIAMS EARTH SCI.

Operator : J. MAURER
Sounding : 101403 Pg 1 / 3
Cone Used : 391

CPT Date : 10-14-97 10:57
Location : CPT-4
Job No. : C397148

Depth Increment : .05 m C-264 Max Depth : 80.54 ft



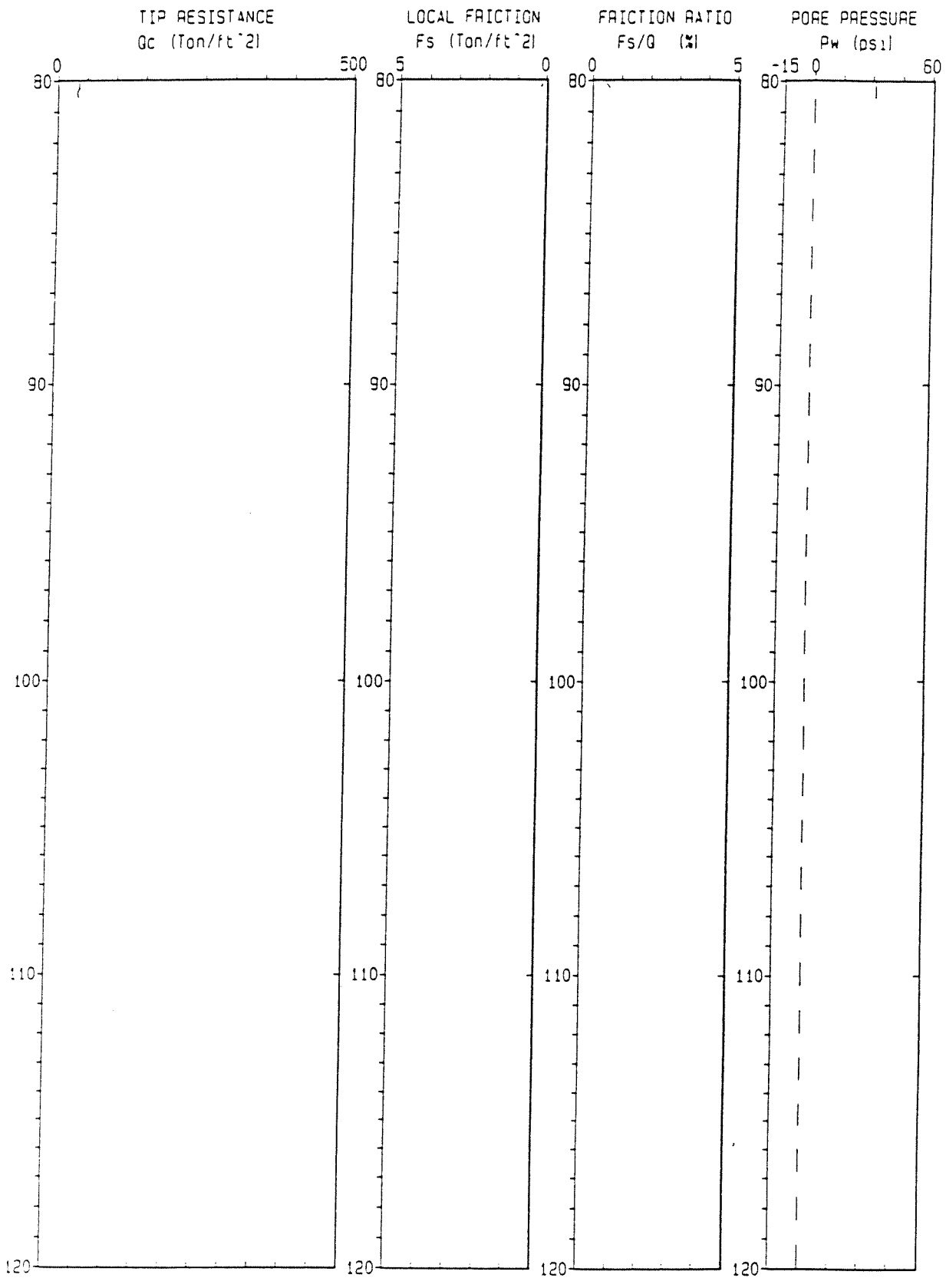
WILLIAMS EARTH SCI.

Operator : J. MAURER
Sounding : 101403 Pg 2 / 3
Cone Used : 391

CPT Date : 10-14-97 10:57
Location : CPT-4
Job No. : C397148

Depth Increment : .05 m

Max Depth : 80.54 ft



WILLIAMS EARTH SCI.

Operator : J. MAURER
Sounding : 101403 Pg 3 / 3
Cone Used : 391

CPT Date : 10-14-97 10:57
Location : CPT-4
Job No. : C397148

Depth Increment : .05 m

Max Depth : 80.54 ft

1 WILLIAMS EARTH SCIENCES INC

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perator :J. MAURER
ation :CPT-4
.o No. :C397148
ot. Unit Wt. (avg) : 110 pcf

CPT Date :10-14-97 10:57
Cone Used :391
Water table (feet) : 6.56168

DEPTH (m ers)	(feet)	Qc (avg) (tsf)	Fs (avg) (tsf)	Rf (avg) (%)	SIGV' (tsf)	SOIL BEHAVIOUR TYPE	Eq - Dr (%)	PHI deg.	SPT N	Su tsf
0.30	1	11.27	0.02	0.20	0.03	sandy silt to clayey silt	UNDFND	UNDFD	4	1.1
0.60	2	31.95	0.15	0.46	0.08	silty sand to sandy silt	60-70	46-48	10	UNDEFINED
0.95	3	136.06	0.41	0.30	0.14	sand	>90	>48	26	UNDEFINED
1.25	4	263.78	0.97	0.37	0.20	gravelly sand to sand	>90	>48	42	UNDEFINED
1.55	5	272.05	1.87	0.69	0.25	sand	>90	>48	>50	UNDEFINED
1.85	6	334.15	1.76	0.53	0.31	gravelly sand to sand	>90	>48	>50	UNDEFINED
2.15	7	143.08	0.45	0.32	0.36	sand	>90	46-48	27	UNDEFINED
2.45	8	61.18	0.25	0.41	0.38	sand to silty sand	60-70	42-44	15	UNDEFINED
2.75	9	65.40	0.30	0.46	0.41	sand to silty sand	60-70	42-44	16	UNDEFINED
3.05	10	109.48	0.43	0.39	0.43	sand	80-90	44-46	21	UNDEFINED
3.35	11	89.43	0.91	1.02	0.45	sand to silty sand	70-80	42-44	21	UNDEFINED
3.65	12	80.30	0.91	1.14	0.48	sand to silty sand	70-80	42-44	19	UNDEFINED
3.95	13	82.67	0.70	0.84	0.50	sand to silty sand	70-80	42-44	20	UNDEFINED
4.25	14	55.17	0.51	0.93	0.52	silty sand to sandy silt	50-60	40-42	18	UNDEFINED
4.55	15	46.38	0.86	1.85	0.55	silty sand to sandy silt	50-60	40-42	15	UNDEFINED
4.85	16	52.95	1.08	2.05	0.57	sandy silt to clayey silt	UNDFND	UNDFD	20	5.2
5.15	17	66.37	0.78	1.18	0.59	silty sand to sandy silt	60-70	40-42	21	UNDEFINED
5.45	18	66.20	0.69	1.04	0.62	silty sand to sandy silt	60-70	40-42	21	UNDEFINED
5	19	65.78	0.46	0.70	0.64	sand to silty sand	60-70	40-42	16	UNDEFINED
6.05	20	37.03	0.32	0.86	0.67	silty sand to sandy silt	40-50	38-40	12	UNDEFINED
6.40	21	59.64	0.28	0.47	0.69	sand to silty sand	50-60	40-42	14	UNDEFINED
6.70	22	59.35	0.39	0.65	0.72	sand to silty sand	50-60	40-42	14	UNDEFINED
7.00	23	54.42	0.34	0.63	0.74	sand to silty sand	50-60	38-40	13	UNDEFINED
7.35	24	57.49	0.31	0.54	0.76	sand to silty sand	50-60	38-40	14	UNDEFINED
7.65	25	63.40	0.38	0.61	0.79	sand to silty sand	50-60	40-42	15	UNDEFINED
7.95	26	56.70	0.41	0.72	0.81	sand to silty sand	50-60	38-40	14	UNDEFINED
8.25	27	74.70	0.53	0.71	0.84	sand to silty sand	60-70	40-42	18	UNDEFINED
8.55	28	62.65	0.45	0.71	0.86	sand to silty sand	50-60	38-40	15	UNDEFINED
8.85	29	62.10	0.50	0.80	0.88	sand to silty sand	50-60	38-40	15	UNDEFINED
9.15	30	57.98	0.49	0.84	0.91	silty sand to sandy silt	50-60	38-40	19	UNDEFINED
9.45	31	61.07	0.37	0.60	0.93	sand to silty sand	50-60	38-40	15	UNDEFINED
9.75	32	56.62	0.33	0.59	0.95	sand to silty sand	50-60	38-40	14	UNDEFINED
10.05	33	62.57	0.40	0.64	0.98	sand to silty sand	50-60	38-40	15	UNDEFINED
10.35	34	44.02	0.42	0.96	1.00	silty sand to sandy silt	40-50	36-38	14	UNDEFINED
10.65	35	27.20	0.39	1.43	1.02	sandy silt to clayey silt	UNDFND	UNDFD	10	2.5
10.95	36	13.83	0.38	2.77	1.05	clayey silt to silty clay	UNDFND	UNDFD	7	1.1
11.25	37	16.63	0.35	2.09	1.07	clayey silt to silty clay	UNDFND	UNDFD	8	1.4
11.55	38	11.07	0.19	1.71	1.09	clayey silt to silty clay	UNDFND	UNDFD	5	.9

Dr - All sands (Jamiolkowski et al. 1985) PHI - Robertson and Campanella 1983 Su: Nk= 10

** :e: For interpretation purposes the PLOTTED CPT PROFILE should be used with the TABULATED OUTPUT from CPTINTR1 (v 3.04) ****

WILLIAMS EARTH SCIENCES INC

Oper :or :J. MAURER Location :CPT-4 Page No. 2

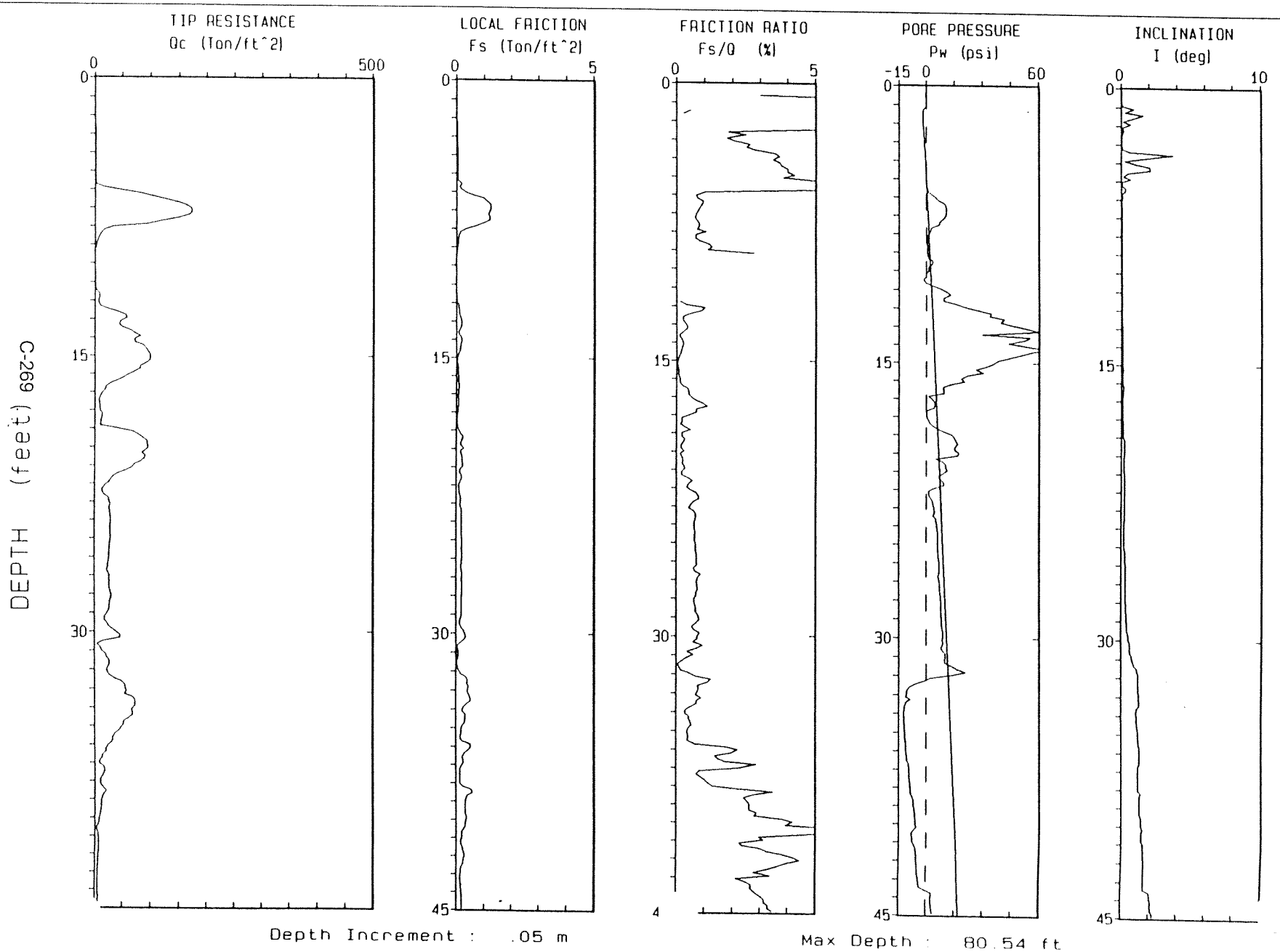
DEPTH (meters)	DEPTH (feet)	Qc (avg) (tsf)	Fs (avg) (tsf)	Rf (avg) (%)	SIGV' (tsf)	SOIL BEHAVIOUR TYPE	Eq - Dr (%)	PHI deg.	SPT N	Su tsf
85	39	11.03	0.23	2.12	1.12	clayey silt to silty clay	UNDFND	UNDFD	5	.8
15	40	13.50	0.30	2.20	1.14	clayey silt to silty clay	UNDFND	UNDFD	6	1.1
12.45	41	11.58	0.20	1.75	1.16	clayey silt to silty clay	UNDFND	UNDFD	6	.9
80	42	11.59	0.25	2.16	1.19	clayey silt to silty clay	UNDFND	UNDFD	6	.9
10	43	9.37	0.25	2.64	1.21	silty clay to clay	UNDFND	UNDFD	6	.7
13.40	44	7.43	0.21	2.84	1.24	silty clay to clay	UNDFND	UNDFD	5	.5
75	45	7.97	0.18	2.20	1.26	silty clay to clay	UNDFND	UNDFD	5	.5
05	46	8.53	0.19	2.21	1.29	silty clay to clay	UNDFND	UNDFD	5	.6
14.35	47	7.28	0.16	2.24	1.31	silty clay to clay	UNDFND	UNDFD	5	.4
14.65	48	7.78	0.17	2.22	1.34	silty clay to clay	UNDFND	UNDFD	5	.5
95	49	11.22	0.23	2.03	1.36	clayey silt to silty clay	UNDFND	UNDFD	5	.8
.25	50	9.77	0.16	1.66	1.38	clayey silt to silty clay	UNDFND	UNDFD	5	.7
15.55	51	9.23	0.10	1.11	1.41	clayey silt to silty clay	UNDFND	UNDFD	4	.6
85	52	9.38	0.10	1.05	1.43	clayey silt to silty clay	UNDFND	UNDFD	4	.6
15	53	10.33	0.08	0.76	1.45	sandy silt to clayey silt	UNDFND	UNDFD	4	.7
16.45	54	10.98	0.02	0.21	1.48	sandy silt to clayey silt	UNDFND	UNDFD	4	.8
75	55	11.38	-0.01	-0.13	1.50	undefined	UNDFND	UNDFD	UDF	UNDEFINED
05	56	11.77	-0.00	-0.00	1.52	undefined	UNDFND	UNDFD	UDF	UNDEFINED
17.35	57	15.58	0.06	0.39	1.55	sandy silt to clayey silt	UNDFND	UNDFD	6	1.2
17.65	58	22.28	0.24	1.07	1.57	sandy silt to clayey silt	UNDFND	UNDFD	9	1.9
5	59	30.73	0.21	0.69	1.59	silty sand to sandy silt	<40	30-32	10	UNDEFINED
5	60	41.70	0.19	0.47	1.62	silty sand to sandy silt	<40	32-34	13	UNDEFINED
18.55	61	80.97	0.22	0.28	1.64	sand to silty sand	50-60	36-38	19	UNDEFINED
85	62	69.17	0.29	0.42	1.66	sand to silty sand	40-50	36-38	17	UNDEFINED
20	63	41.49	0.26	0.63	1.69	silty sand to sandy silt	<40	32-34	13	UNDEFINED
19.50	64	51.20	0.36	0.70	1.71	silty sand to sandy silt	<40	34-36	16	UNDEFINED
80	65	48.67	0.34	0.69	1.74	silty sand to sandy silt	<40	34-36	16	UNDEFINED
15	66	62.14	0.46	0.74	1.76	sand to silty sand	40-50	34-36	15	UNDEFINED
20.45	67	72.92	0.67	0.92	1.79	sand to silty sand	40-50	36-38	17	UNDEFINED
20.75	68	81.75	0.71	0.87	1.81	sand to silty sand	50-60	36-38	20	UNDEFINED
05	69	77.67	0.84	1.08	1.84	sand to silty sand	50-60	36-38	19	UNDEFINED
.35	70	85.22	0.88	1.03	1.86	sand to silty sand	50-60	36-38	20	UNDEFINED
21.65	71	75.90	1.02	1.35	1.88	silty sand to sandy silt	40-50	36-38	24	UNDEFINED
95	72	82.90	1.08	1.30	1.91	silty sand to sandy silt	50-60	36-38	26	UNDEFINED
25	73	91.68	1.11	1.21	1.93	sand to silty sand	50-60	36-38	22	UNDEFINED
22.55	74	77.70	1.39	1.79	1.95	silty sand to sandy silt	40-50	36-38	25	UNDEFINED
85	75	77.47	1.20	1.54	1.98	silty sand to sandy silt	40-50	36-38	25	UNDEFINED
15	76	71.22	1.07	1.50	2.00	silty sand to sandy silt	40-50	34-36	23	UNDEFINED
23.45	77	50.37	0.80	1.58	2.02	silty sand to sandy silt	<40	32-34	16	UNDEFINED
23.75	78	37.15	0.39	1.05	2.05	silty sand to sandy silt	<40	30-32	12	UNDEFINED
05	79	34.30	0.35	1.01	2.07	silty sand to sandy silt	<40	30-32	11	UNDEFINED
.35	80	30.18	0.20	0.67	2.09	silty sand to sandy silt	<40	30-32	10	UNDEFINED

r - All sands (Jamiolkowski et al. 1985) PHI - Robertson and Campanella 1983 Su: Nk= 10

**** ote: For interpretation purposes the PLOTTED CPT PROFILE should be used with the TABULATED OUTPUT from CPTINTR1 (v 3.04) ****

Williams & Assoc.

Operator : J. MAURER
CPT Date : 10-21-97 13:25
Sounding : 102102 Pg 1 / 2
Location : CPT-5A
Cone Used : 391
Job No. : C397148



Depth Increment : .05 m

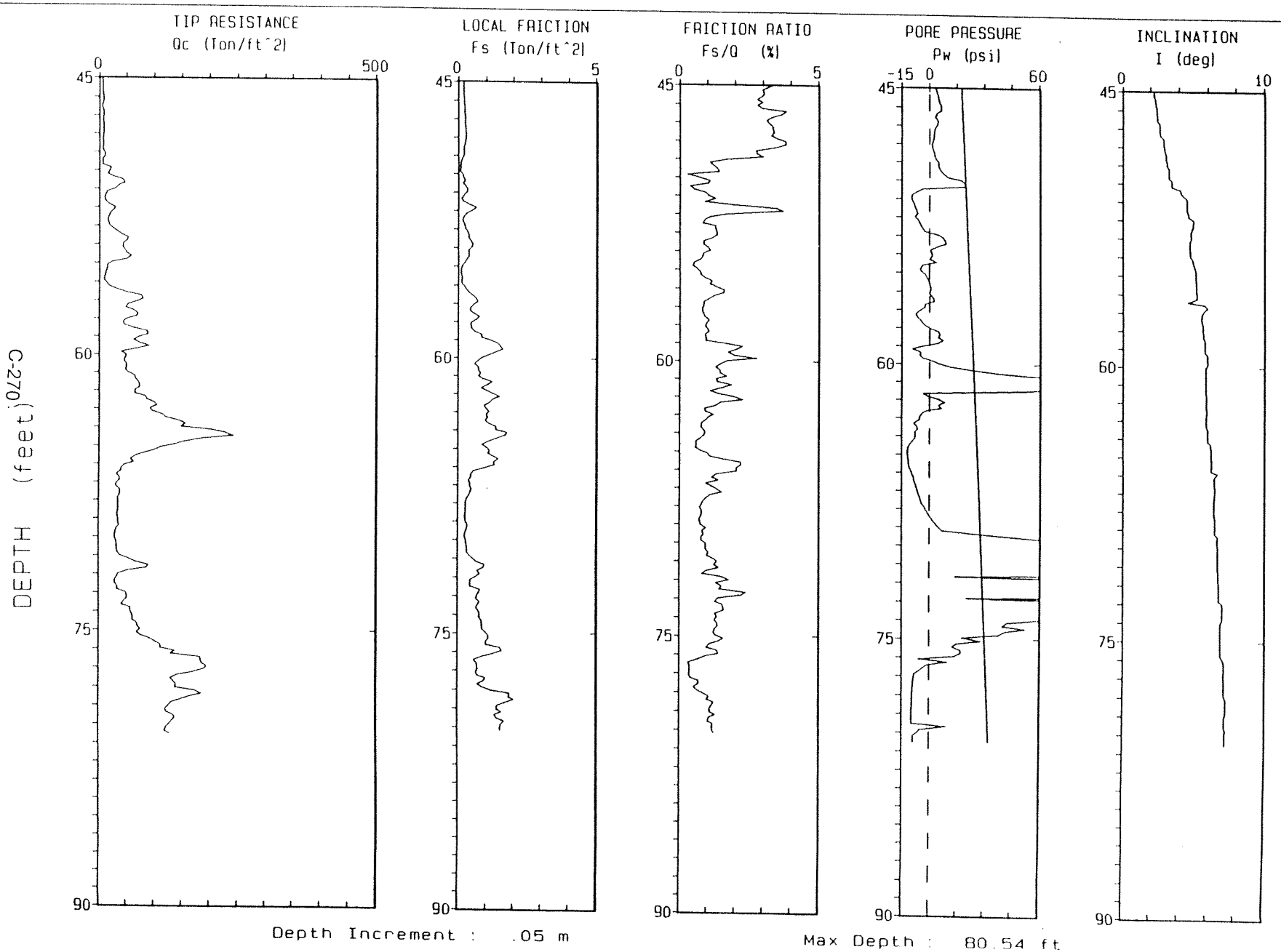
Max Depth : 80.54 ft

Williams & Assoc.

Operator : J. MAURER
Location : CPT-5A

CPT Date : 10-21-97 13:25
Cone Used : 391

Sounding : 102102 Pg 2 / 2
Job No. : C397148



Depth Increment : .05 m

Max Depth : 80.54 ft

1 WILLIAMS EARTH SCIENCES INC

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Operator :J. MAURER CPT Date :10-21-97 13:25

Location :CPT-5A Cone Used :391

Job No. :C397148 Water table (feet) :

Tot. Unit Wt. (avg) : 110 pcf

DEPTH (eters)	(feet)	Qc (avg) (tsf)	Fs (avg) (tsf)	Rf (avg) (%)	SIGV' (tsf)	SOIL BEHAVIOUR TYPE	Eq - Dr (%)	PHI deg.	SPT N	Su tsf
0.30	1	0.03	0.00	14.00	0.03	undefined	UNDFND	UNDFD	UDF	UNDEFINED
0.60	2	0.33	0.00	0.10	0.08	undefined	UNDFND	UNDFD	UDF	UNDEFINED
0.95	3	0.97	0.03	2.65	0.14	undefined	UNDFND	UNDFD	UDF	UNDEFINED
1.25	4	1.27	0.04	3.12	0.20	organic material	UNDFND	UNDFD	1	.1
1.55	5	1.28	0.05	3.92	0.25	organic material	UNDFND	UNDFD	1	.1
1.85	6	11.72	0.15	1.27	0.31	clayey silt to silty clay	UNDFND	UNDFD	6	1.1
2.15	7	132.12	1.07	0.81	0.34	sand to silty sand	>90	46-48	32	UNDEFINED
2.45	8	123.13	0.93	0.75	0.36	sand to silty sand	80-90	46-48	29	UNDEFINED
2.75	9	8.25	0.07	0.82	0.39	undefined	UNDFND	UNDFD	UDF	UNDEFINED
3.05	10	-0.42	-0.01	1.28	0.41	undefined	UNDFND	UNDFD	UDF	UNDEFINED
3.35	11	1.00	-0.01	-1.33	0.43	undefined	UNDFND	UNDFD	UDF	UNDEFINED
3.65	12	4.85	-0.01	-0.11	0.46	undefined	UNDFND	UNDFD	UDF	UNDEFINED
3.95	13	32.38	0.11	0.34	0.48	silty sand to sandy silt	40-50	38-40	10	UNDEFINED
4.25	14	59.45	0.14	0.23	0.50	sand to silty sand	60-70	40-42	14	UNDEFINED
4.55	15	85.87	0.13	0.15	0.53	sand	70-80	42-44	16	UNDEFINED
4.85	16	87.32	0.05	0.05	0.55	sand	70-80	42-44	17	UNDEFINED
5.15	17	35.75	0.08	0.23	0.57	silty sand to sandy silt	40-50	38-40	11	UNDEFINED
5.45	18	9.68	0.07	0.76	0.60	clayey silt to silty clay	UNDFND	UNDFD	5	.8
5.75	19	11.28	0.03	0.29	0.62	sandy silt to clayey silt	UNDFND	UNDFD	4	1.0
.05	20	77.02	0.16	0.21	0.64	sand to silty sand	60-70	40-42	18	UNDEFINE
6.40	21	86.47	0.20	0.23	0.67	sand	60-70	42-44	17	UNDEFINED
6.70	22	41.88	0.13	0.31	0.70	sand to silty sand	40-50	38-40	10	UNDEFINED
7.00	23	19.02	0.12	0.62	0.72	sandy silt to clayey silt	UNDFND	UNDFD	7	1.7
7.35	24	28.00	0.17	0.62	0.74	silty sand to sandy silt	<40	36-38	9	UNDEFINED
7.65	25	28.77	0.19	0.66	0.77	silty sand to sandy silt	<40	36-38	9	UNDEFINED
7.95	26	27.07	0.19	0.71	0.79	silty sand to sandy silt	<40	34-36	9	UNDEFINED
8.25	27	24.58	0.18	0.73	0.82	silty sand to sandy silt	<40	34-36	8	UNDEFINED
8.55	28	27.37	0.19	0.71	0.84	silty sand to sandy silt	<40	34-36	9	UNDEFINED
8.85	29	26.28	0.18	0.70	0.86	silty sand to sandy silt	<40	34-36	8	UNDEFINED
9.15	30	25.30	0.18	0.72	0.89	silty sand to sandy silt	<40	34-36	8	UNDEFINED
9.45	31	22.85	0.15	0.67	0.91	silty sand to sandy silt	<40	32-34	7	UNDEFINED
9.75	32	23.53	0.05	0.21	0.93	silty sand to sandy silt	<40	32-34	8	UNDEFINED
10.05	33	40.82	0.36	0.87	0.96	silty sand to sandy silt	40-50	36-38	13	UNDEFINED
10.35	34	66.02	0.42	0.63	0.98	sand to silty sand	50-60	38-40	16	UNDEFINED
10.65	35	61.33	0.28	0.45	1.00	sand to silty sand	50-60	38-40	15	UNDEFINED
10.95	36	37.12	0.23	0.62	1.03	silty sand to sandy silt	<40	36-38	12	UNDEFINED
11.25	37	16.82	0.32	1.89	1.05	clayey silt to silty clay	UNDFND	UNDFD	8	1.4
11.55	38	13.97	0.14	1.03	1.07	sandy silt to clayey silt	UNDFND	UNDFD	5	1.1

Dr - All sands (Jamiolkowski et al. 1985) PHI - Robertson and Campanella 1983 Su: Nk= 10

* * Note: For interpretation purposes the PLOTTED CPT PROFILE should be used with the TABULATED OUTPUT from CPTINTR1 (v 3.04) ****

1 WILLIAMS EARTH SCIENCES INC

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O rator :J. MAURER Location :CPT-5A

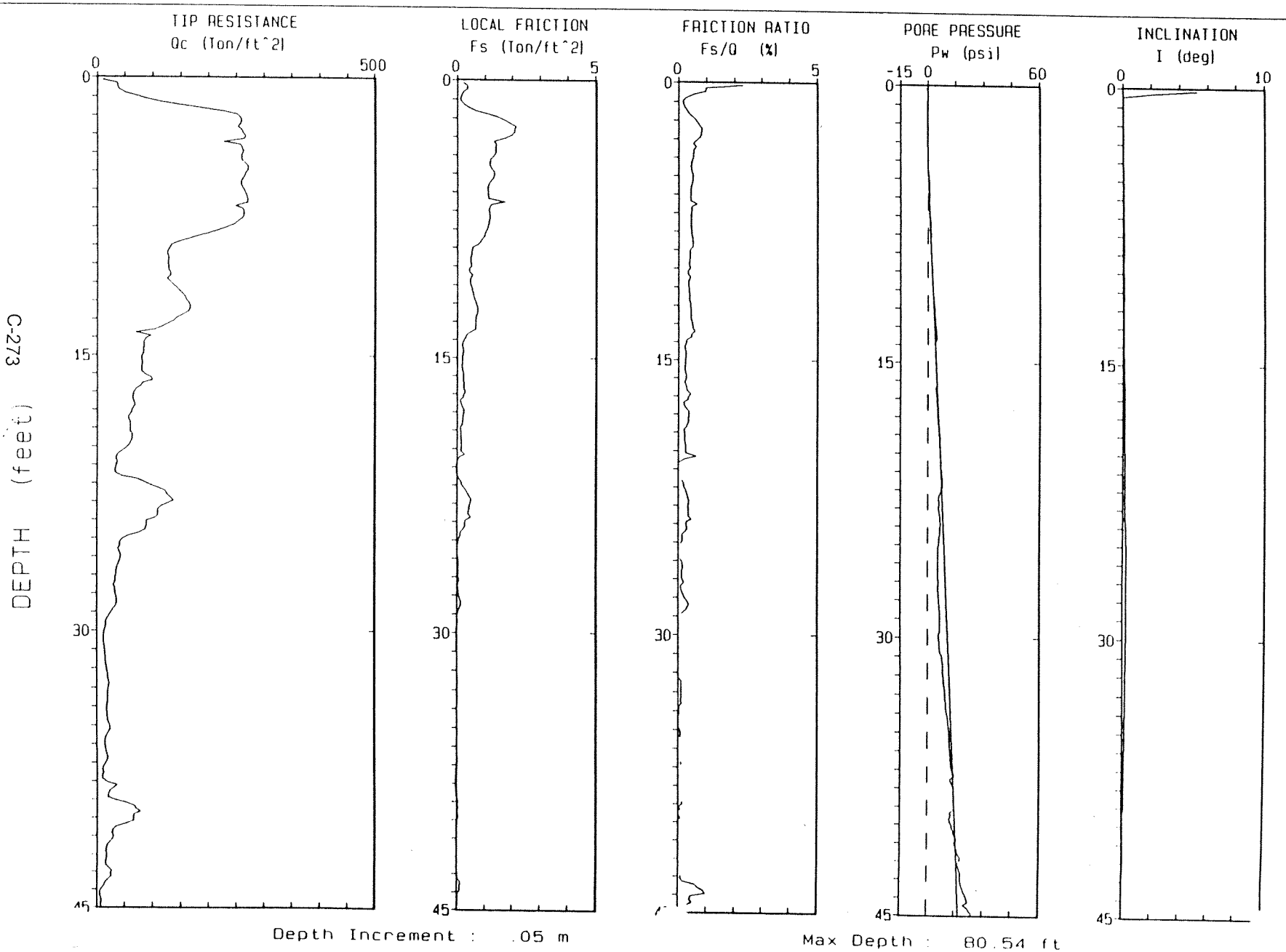
DEPTH (ters)	(feet)	Qc (avg) (tsf)	Fs (avg) (tsf)	Rf (avg) (%)	SIGV' (tsf)	SOIL BEHAVIOUR TYPE	Eq - Dr (%)	PHI deg.	SPT N	Su tsf
11.85	39	14.82	0.38	2.55	1.10	clayey silt to silty clay	UNDFND	UNDFD	7	1.2
12.15	40	11.47	0.33	2.85	1.12	silty clay to clay	UNDFND	UNDFD	7	.9
12.45	41	6.25	0.28	4.41	1.14	clay	UNDFND	UNDFD	6	.4
12.80	42	6.66	0.21	3.14	1.17	clay	UNDFND	UNDFD	6	.4
13.10	43	5.53	0.20	3.60	1.19	clay	UNDFND	UNDFD	5	.3
13.40	44	5.50	0.14	2.58	1.22	clay	UNDFND	UNDFD	5	.3
13.75	45	5.74	0.18	3.22	1.24	clay	UNDFND	UNDFD	6	.3
14.05	46	6.62	0.19	2.92	1.27	clay	UNDFND	UNDFD	6	.4
14.35	47	6.73	0.22	3.33	1.29	clay	UNDFND	UNDFD	6	.4
14.65	48	7.30	0.25	3.45	1.32	clay	UNDFND	UNDFD	7	.4
14.95	49	7.12	0.20	2.80	1.34	silty clay to clay	UNDFND	UNDFD	5	.4
15.25	50	11.63	0.09	0.79	1.36	sandy silt to clayey silt	UNDFND	UNDFD	4	.8
15.55	51	31.80	0.24	0.74	1.39	silty sand to sandy silt	<40	32-34	10	UNDEFINED
15.85	52	15.27	0.33	2.17	1.41	clayey silt to silty clay	UNDFND	UNDFD	7	1.2
16.15	53	18.83	0.21	1.12	1.43	sandy silt to clayey silt	UNDFND	UNDFD	7	1.5
16.45	54	40.57	0.42	1.03	1.46	silty sand to sandy silt	<40	34-36	13	UNDEFINED
16.75	55	44.92	0.30	0.66	1.48	silty sand to sandy silt	<40	34-36	14	UNDEFINED
17.05	56	11.50	0.11	0.96	1.50	sandy silt to clayey silt	UNDFND	UNDFD	4	.8
17.35	57	45.12	0.46	1.03	1.53	silty sand to sandy silt	<40	34-36	14	UNDEFINED
17.65	58	61.28	0.56	0.91	1.55	silty sand to sandy silt	40-50	36-38	20	UNDEFINED
17.95	59	62.93	0.60	0.95	1.57	silty sand to sandy silt	40-50	36-38	20	UNDEFINED
25	60	67.92	1.36	2.00	1.60	silty sand to sandy silt	40-50	36-38	22	UNDEFINED
18.55	61	47.82	0.72	1.51	1.62	silty sand to sandy silt	<40	34-36	15	UNDEFINED
18.85	62	66.73	0.96	1.43	1.64	silty sand to sandy silt	40-50	36-38	21	UNDEFINED
19.20	63	85.77	1.17	1.36	1.67	silty sand to sandy silt	50-60	36-38	27	UNDEFINED
19.50	64	130.90	1.14	0.87	1.69	sand to silty sand	60-70	38-40	31	UNDEFINED
19.80	65	192.37	1.30	0.68	1.72	sand	70-80	40-42	37	UNDEFINED
0.15	66	75.06	1.20	1.60	1.74	silty sand to sandy silt	50-60	36-38	24	UNDEFINED
0.45	67	36.23	0.44	1.22	1.77	silty sand to sandy silt	<40	30-32	12	UNDEFINED
20.75	68	35.57	0.35	0.98	1.79	silty sand to sandy silt	<40	30-32	11	UNDEFINED
21.05	69	34.55	0.26	0.76	1.81	silty sand to sandy silt	<40	30-32	11	UNDEFINED
1.35	70	32.17	0.28	0.86	1.84	silty sand to sandy silt	<40	30-32	10	UNDEFINED
21.65	71	33.50	0.36	1.09	1.86	silty sand to sandy silt	<40	30-32	11	UNDEFINED
21.95	72	64.37	0.77	1.20	1.88	silty sand to sandy silt	40-50	34-36	21	UNDEFINED
2.25	73	34.40	0.59	1.71	1.91	sandy silt to clayey silt	UNDFND	UNDFD	13	3.0
22.55	74	50.18	0.72	1.43	1.93	silty sand to sandy silt	<40	32-34	16	UNDEFINED
22.85	75	66.38	0.86	1.30	1.95	silty sand to sandy silt	40-50	34-36	21	UNDEFINED
3.15	76	94.13	1.22	1.29	1.98	sand to silty sand	50-60	36-38	23	UNDEFINED
3.45	77	170.12	0.80	0.47	2.00	sand	70-80	40-42	33	UNDEFINED
23.75	78	151.90	0.81	0.53	2.03	sand	60-70	38-40	29	UNDEFINED
24.05	79	157.32	1.68	1.07	2.05	sand to silty sand	60-70	38-40	38	UNDEFINED
4.35	80	130.18	1.49	1.15	2.07	sand to silty sand	60-70	38-40	31	UNDEFINED

Dr - All sands (Jamiolkowski et al. 1985) PHI - Robertson and Campanella 1983 Su: Nk= 10

Note: For interpretation purposes the PLOTTED CPT PROFILE should be used with the TABULATED OUTPUT from CPTINTR1 (v 3.04) ****

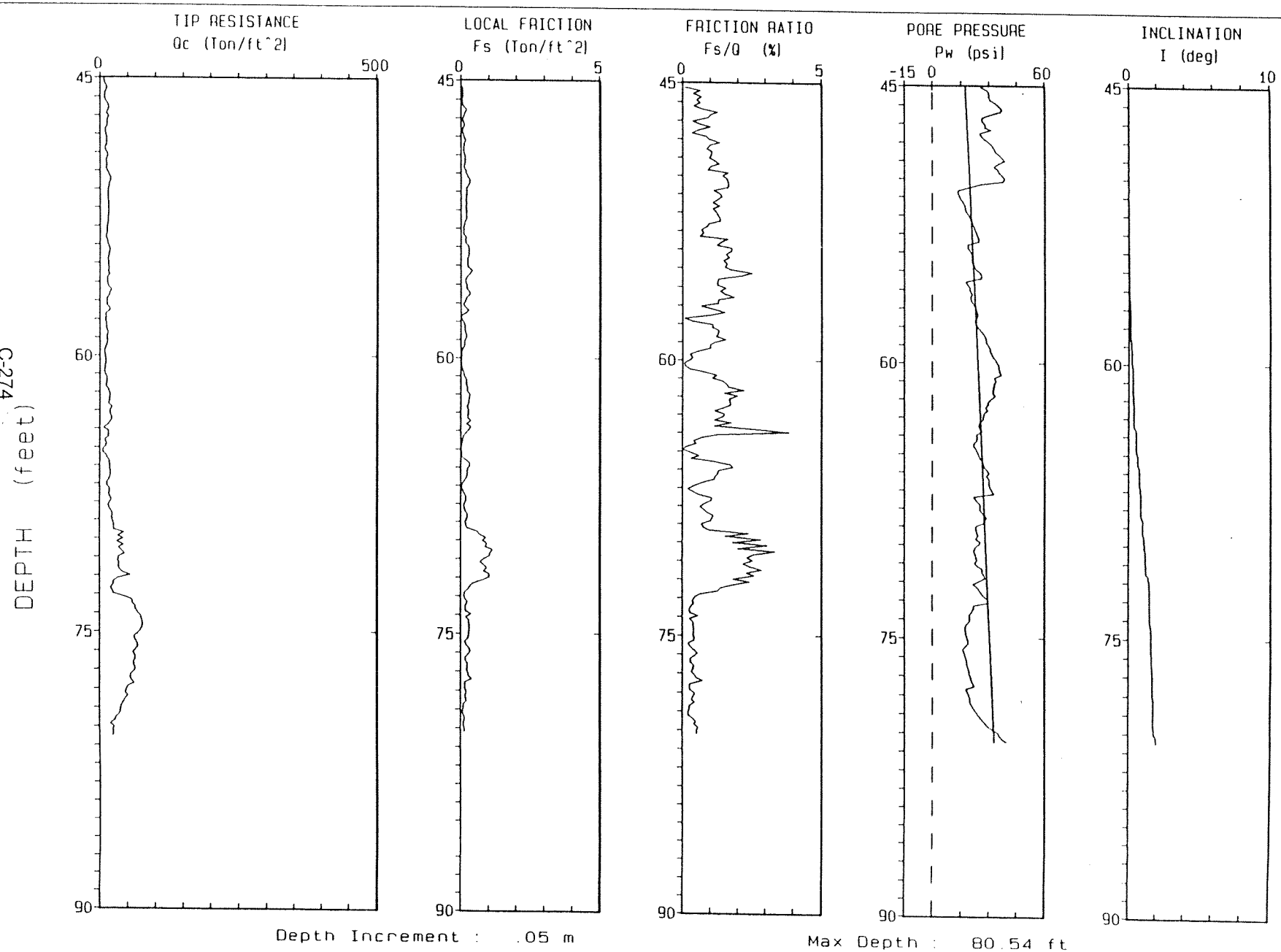
Williams & Assoc.

Operator : J. MAURER
CPT Date : 11-11-97 07:49
Sounding : 111101 Pg 1 / 2
Location : CPT-G1
Cone Used : 386
Job No. : C397148



Williams & Assoc.

Operator : J. MAURER
CPT Date : 11-11-97 07:49
Sounding : 111101 Pg 2 / 2
Location : CPT-G1
Cone Used : 386
Job No. : C397148



Depth Increment : .05 m

Max Depth : 80.54 ft

1 WILLIAMS EARTH SCIENCES INC

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Operator :J. MAURER CPT Date :11-11-97 07:49

Location :CPT-G1 Cone Used :386

Job No. :C397148 Water table (feet) :

Tot. Unit Wt. (avg) : 110 pcf

DEPTH (meters)	DEPTH (feet)	Qc (avg) (tsf)	Fs (avg) (tsf)	Rf (avg) (%)	SIGV' (tsf)	SOIL BEHAVIOUR TYPE	Eq - Dr (%)	PHI deg.	SPT N	Su tsf
0.30	1	40.12	0.23	0.57	0.03	silty sand to sandy silt	>90	>48	13	UNDEFINED
0.60	2	169.07	0.65	0.39	0.08	sand	>90	>48	32	UNDEFINED
0.95	3	259.41	1.94	0.75	0.14	sand	>90	>48	50	UNDEFINED
1.25	4	255.15	1.37	0.54	0.20	sand	>90	>48	49	UNDEFINED
1.55	5	265.85	1.24	0.47	0.25	sand	>90	>48	>50	UNDEFINED
1.85	6	261.15	1.16	0.44	0.31	sand	>90	>48	>50	UNDEFINED
2.15	7	264.63	1.24	0.47	0.34	sand	>90	>48	>50	UNDEFINED
2.45	8	253.48	1.12	0.44	0.36	sand	>90	>48	49	UNDEFINED
2.75	9	172.83	0.83	0.48	0.39	sand	>90	46-48	33	UNDEFINED
3.05	10	127.10	0.49	0.39	0.41	sand	80-90	44-46	24	UNDEFINED
3.35	11	129.12	0.45	0.35	0.43	sand	80-90	44-46	25	UNDEFINED
3.65	12	149.53	0.58	0.39	0.46	sand	80-90	46-48	29	UNDEFINED
3.95	13	159.45	0.70	0.44	0.48	sand	>90	46-48	31	UNDEFINED
4.25	14	108.52	0.51	0.47	0.50	sand	70-80	44-46	21	UNDEFINED
4.55	15	84.53	0.20	0.23	0.53	sand	70-80	42-44	16	UNDEFINED
4.85	16	80.22	0.19	0.23	0.55	sand to silty sand	60-70	42-44	19	UNDEFINED
5.15	17	85.13	0.24	0.28	0.57	sand to silty sand	60-70	42-44	20	UNDEFINED
5.45	18	65.22	0.18	0.28	0.60	sand to silty sand	60-70	40-42	16	UNDEFINED
5.75	19	59.43	0.18	0.31	0.62	sand to silty sand	50-60	40-42	14	UNDEFINED
.05	20	61.20	0.14	0.22	0.64	sand to silty sand	50-60	40-42	15	UNDEFINED
6.40	21	41.50	0.08	0.19	0.67	sand to silty sand	40-50	38-40	10	UNDEFINED
6.70	22	50.10	0.04	0.09	0.70	sand to silty sand	50-60	38-40	12	UNDEFINED
7.00	23	120.92	0.38	0.31	0.72	sand	70-80	42-44	23	UNDEFINED
7.35	24	109.67	0.38	0.35	0.74	sand	70-80	42-44	21	UNDEFINED
7.65	25	73.27	0.13	0.18	0.77	sand to silty sand	60-70	40-42	18	UNDEFINED
7.95	26	40.68	0.01	0.02	0.79	sand to silty sand	40-50	36-38	10	UNDEFINED
8.25	27	36.58	0.05	0.13	0.82	sand to silty sand	40-50	36-38	9	UNDEFINED
8.55	28	32.23	0.05	0.14	0.84	silty sand to sandy silt	<40	36-38	10	UNDEFINED
8.85	29	32.47	0.08	0.23	0.86	silty sand to sandy silt	<40	36-38	10	UNDEFINED
9.15	30	16.68	-0.01	-0.08	0.89	undefined	UNDFND	UNDFD	UDF	UNDEFINED
9.45	31	12.80	-0.02	-0.18	0.91	undefined	UNDFND	UNDFD	UDF	UNDEFINED
9.75	32	15.87	-0.01	-0.04	0.93	undefined	UNDFND	UNDFD	UDF	UNDEFINED
0.05	33	20.43	0.01	0.07	0.96	silty sand to sandy silt	<40	32-34	7	UNDEFINED
0.35	34	19.57	0.01	0.07	0.98	silty sand to sandy silt	<40	30-32	6	UNDEFINED
10.65	35	19.52	0.00	0.01	1.00	silty sand to sandy silt	<40	30-32	6	UNDEFINED
0.95	36	18.73	0.00	0.02	1.03	silty sand to sandy silt	<40	30-32	6	UNDEFINED
1.25	37	17.15	0.00	0.01	1.05	silty sand to sandy silt	<40	30-32	5	UNDEFINED
11.55	38	11.05	-0.04	-0.38	1.07	undefined	UNDFND	UNDFD	UDF	UNDEFINED

Dr - All sands (Jamiolkowski et al. 1985) PHI - Robertson and Campanella 1983 Su: Nk= 10

** Note: For interpretation purposes the PLOTTED CPT PROFILE should be used with the TABULATED OUTPUT from CPTINTR1 (v 3.04) ****

1 WILLIAMS EARTH SCIENCES INC

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erator :J. MAURER Location :CPT-G1 Page No. 2

DEPTH (eters)	(feet)	Qc (avg) (tsf)	Fs (avg) (tsf)	Rf (avg) (%)	SIGV' (tsf)	SOIL BEHAVIOUR TYPE	Eq - Dr (%)	PHI deg.	SPT N	Su tsf
11.85	39	24.98	-0.03	-0.13	1.10	undefined	UNDFND	UNDFD	UDF	UNDEFINED
12.15	40	61.35	0.02	0.04	1.12	sand to silty sand	50-60	38-40	15	UNDEFINED
12.45	41	45.50	-0.03	-0.06	1.14	undefined	UNDFND	UNDFD	UDF	UNDEFINED
12.80	42	21.03	-0.03	-0.13	1.17	undefined	UNDFND	UNDFD	UDF	UNDEFINED
13.10	43	18.55	-0.02	-0.09	1.19	undefined	UNDFND	UNDFD	UDF	UNDEFINED
13.40	44	17.38	0.08	0.44	1.22	sandy silt to clayey silt	UNDFND	UNDFD	7	1.4
13.75	45	6.54	0.01	0.18	1.24	sensitive fine grained	UNDFND	UNDFD	3	.4
14.05	46	9.43	0.05	0.50	1.27	sandy silt to clayey silt	UNDFND	UNDFD	4	.6
14.35	47	13.45	0.10	0.78	1.29	sandy silt to clayey silt	UNDFND	UNDFD	5	1.0
14.65	48	11.48	0.08	0.72	1.32	sandy silt to clayey silt	UNDFND	UNDFD	4	.8
14.95	49	11.50	0.12	1.03	1.34	sandy silt to clayey silt	UNDFND	UNDFD	4	.8
15.25	50	12.10	0.15	1.24	1.36	clayey silt to silty clay	UNDFND	UNDFD	6	.9
15.55	51	16.62	0.25	1.51	1.39	sandy silt to clayey silt	UNDFND	UNDFD	6	1.3
15.85	52	14.85	0.18	1.24	1.41	sandy silt to clayey silt	UNDFND	UNDFD	6	1.2
16.15	53	14.55	0.16	1.09	1.43	sandy silt to clayey silt	UNDFND	UNDFD	6	1.1
16.45	54	12.62	0.16	1.24	1.46	clayey silt to silty clay	UNDFND	UNDFD	6	.9
16.75	55	16.23	0.26	1.61	1.48	sandy silt to clayey silt	UNDFND	UNDFD	6	1.3
17.05	56	15.08	0.26	1.71	1.50	clayey silt to silty clay	UNDFND	UNDFD	7	1.2
17.35	57	16.02	0.24	1.50	1.53	sandy silt to clayey silt	UNDFND	UNDFD	6	1.2
17.65	58	13.83	0.12	0.89	1.55	sandy silt to clayey silt	UNDFND	UNDFD	5	1.0
17.95	59	12.28	0.16	1.26	1.57	clayey silt to silty clay	UNDFND	UNDFD	6	.9
.25	60	11.12	0.09	0.78	1.60	sandy silt to clayey silt	UNDFND	UNDFD	4	.7
18.55	61	9.73	0.04	0.41	1.62	sandy silt to clayey silt	UNDFND	UNDFD	4	.6
18.85	62	12.18	0.19	1.58	1.64	clayey silt to silty clay	UNDFND	UNDFD	6	.8
19.20	63	17.60	0.28	1.60	1.67	sandy silt to clayey silt	UNDFND	UNDFD	7	1.4
19.50	64	16.47	0.29	1.73	1.69	clayey silt to silty clay	UNDFND	UNDFD	8	1.2
19.80	65	12.98	0.07	0.54	1.72	sandy silt to clayey silt	UNDFND	UNDFD	5	.9
20.15	66	12.80	0.16	1.22	1.74	sandy silt to clayey silt	UNDFND	UNDFD	5	.9
20.45	67	16.33	0.14	0.87	1.77	sandy silt to clayey silt	UNDFND	UNDFD	6	1.2
20.75	68	17.60	0.13	0.75	1.79	sandy silt to clayey silt	UNDFND	UNDFD	7	1.3
21.05	69	19.77	0.18	0.92	1.81	sandy silt to clayey silt	UNDFND	UNDFD	8	1.5
21.35	70	32.18	0.57	1.76	1.84	sandy silt to clayey silt	UNDFND	UNDFD	12	2.8
21.65	71	37.62	0.98	2.60	1.86	sandy silt to clayey silt	UNDFND	UNDFD	14	3.3
21.95	72	38.17	0.89	2.33	1.88	sandy silt to clayey silt	UNDFND	UNDFD	15	3.4
22.25	73	24.52	0.34	1.40	1.91	sandy silt to clayey silt	UNDFND	UNDFD	9	2.0
22.55	74	59.23	0.21	0.35	1.93	sand to silty sand	40-50	34-36	14	UNDEFINED
22.85	75	74.72	0.27	0.37	1.95	sand to silty sand	40-50	36-38	18	UNDEFINED
23.15	76	65.00	0.25	0.38	1.98	sand to silty sand	40-50	34-36	16	UNDEFINED
23.45	77	61.45	0.21	0.34	2.00	sand to silty sand	40-50	34-36	15	UNDEFINED
23.75	78	57.05	0.23	0.40	2.03	sand to silty sand	40-50	34-36	14	UNDEFINED
24.05	79	44.97	0.16	0.35	2.05	sand to silty sand	<40	32-34	11	UNDEFINED
24.35	80	30.45	0.10	0.34	2.07	silty sand to sandy silt	<40	30-32	10	UNDEFINED

Dr - All sands (Jamiolkowski et al. 1985) PHI - Robertson and Campanella 1983 Su: Nk= 10

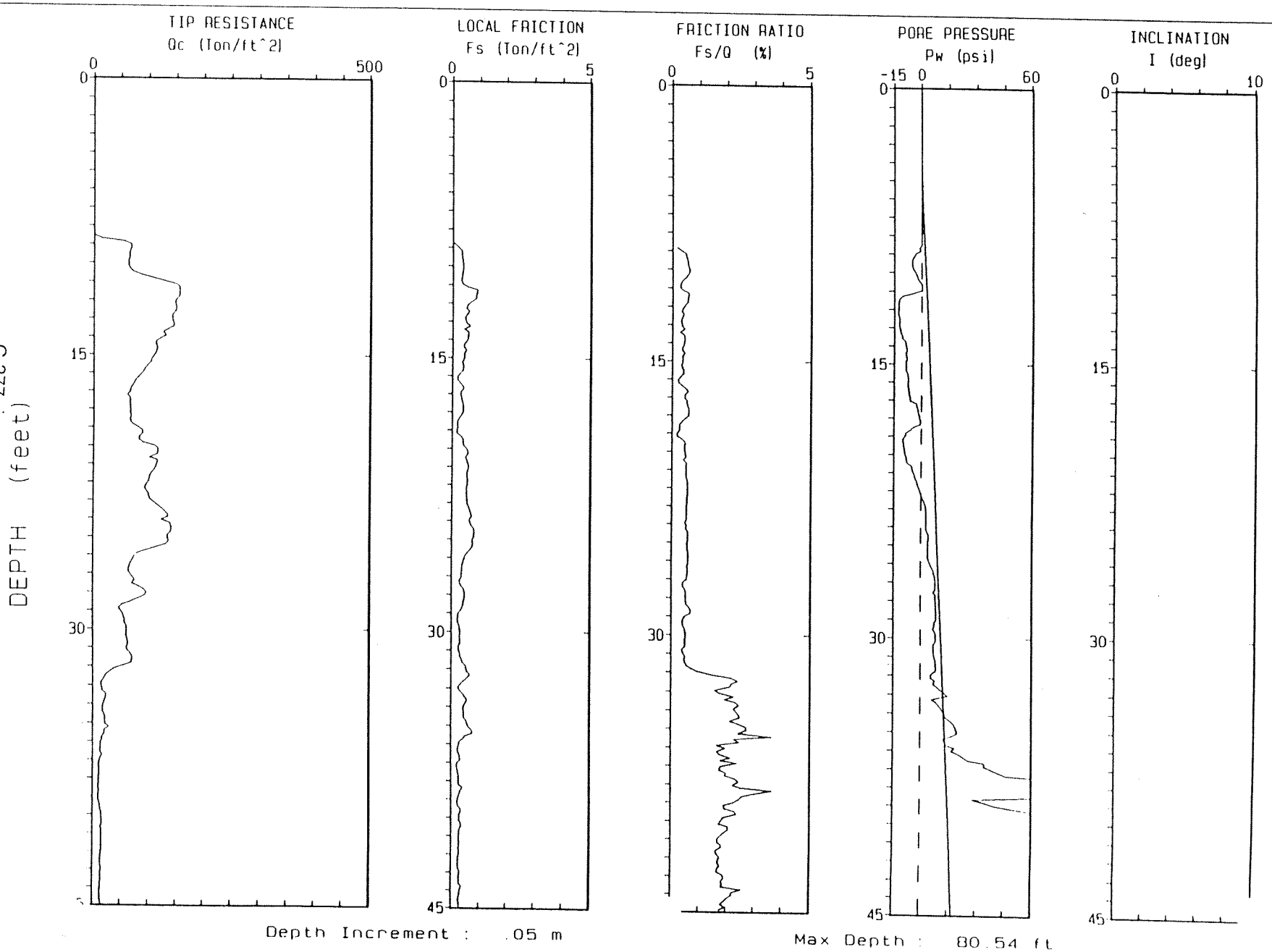
' Note: For interpretation purposes the PLOTTED CPT PROFILE should be used with the TABULATED OUTPUT from CPTINTR1 (v 3.04) ****

Williams & Assoc.

Operator : J. MAURER
Location : CPT-G2

CPT Date : 11-05-97 12:55
Cone Used : 386

Sounding : 110503 Pg 1 / 2
Job No. : C397148



Depth Increment : .05 m

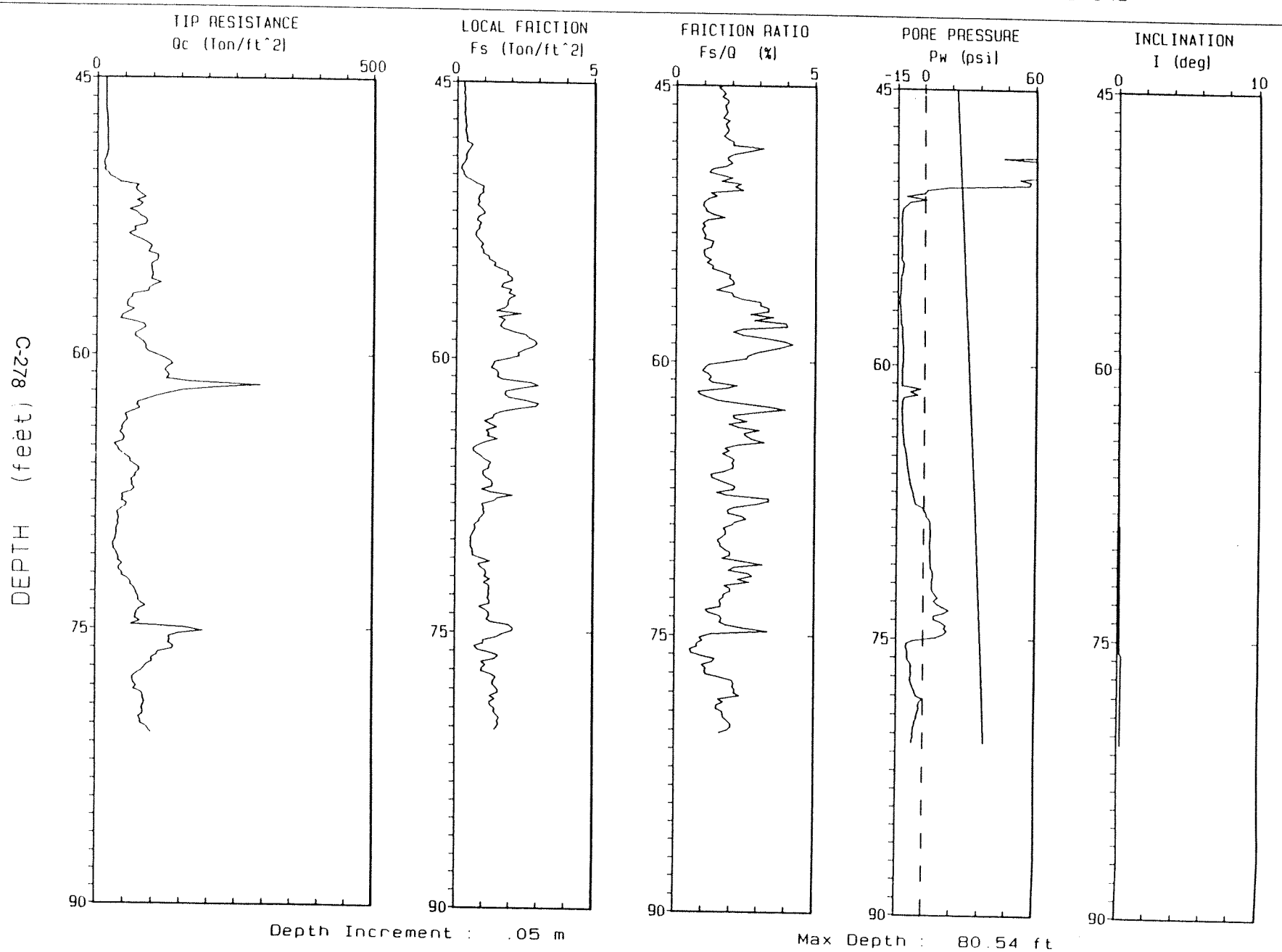
Max Depth : 80.54 ft

Williams & Assoc.

Operator : J. MAURER
Location : CPT-G2

CPT Date : 11-05-97 12:55
Cone Used : 386

Sounding : 110503 Pg 2 / 2
Job No. : C397148



1 WILLIAMS EARTH SCIENCES INC

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Operator :J. MAURER CPT Date :11-05-97 12:55

Location :CPT-G2 Cone Used :386

ob No. :C397148 Water table (feet) :

Tot. Unit Wt. (avg) : 110 pcf

DEPTH (ters)	(feet)	Qc (avg) (tsf)	Fs (avg) (tsf)	Rf (avg) (%)	SIGV' (tsf)	SOIL BEHAVIOUR TYPE	Eq - Dr (%)	PHI deg.	SPT N	Su tsf
0.30	1	0.00	0.00	0.00	0.03	undefined	UNDFND	UNDFD	UDF	UNDEFINED
0.60	2	-0.05	0.00	-7.33	0.08	undefined	UNDFND	UNDFD	UDF	UNDEFINED
0.95	3	-0.04	0.00	-8.67	0.14	undefined	UNDFND	UNDFD	UDF	UNDEFINED
1.25	4	-0.08	0.00	-5.40	0.20	undefined	UNDFND	UNDFD	UDF	UNDEFINED
1.55	5	-0.03	0.00	-12.00	0.25	undefined	UNDFND	UNDFD	UDF	UNDEFINED
1.85	6	0.00	0.00	0.00	0.31	undefined	UNDFND	UNDFD	UDF	UNDEFINED
2.15	7	-0.05	0.00	-6.33	0.34	undefined	UNDFND	UNDFD	UDF	UNDEFINED
2.45	8	-0.03	0.00	-13.50	0.36	undefined	UNDFND	UNDFD	UDF	UNDEFINED
2.75	9	22.43	0.05	0.21	0.39	silty sand to sandy silt	<40	38-40	7	UNDEFINED
3.05	10	64.20	0.34	0.53	0.41	sand to silty sand	60-70	42-44	15	UNDEFINED
3.35	11	87.03	0.34	0.39	0.43	sand to silty sand	70-80	44-46	21	UNDEFINED
3.65	12	153.32	0.78	0.51	0.46	sand	>90	46-48	29	UNDEFINED
3.95	13	146.33	0.51	0.35	0.48	sand	80-90	44-46	28	UNDEFINED
4.25	14	137.43	0.54	0.39	0.50	sand	80-90	44-46	26	UNDEFINED
4.55	15	115.03	0.44	0.38	0.53	sand	70-80	44-46	22	UNDEFINED
4.85	16	99.35	0.36	0.36	0.55	sand	70-80	42-44	19	UNDEFINED
5.15	17	75.42	0.28	0.37	0.57	sand to silty sand	60-70	42-44	18	UNDEFINED
5.45	18	64.88	0.35	0.54	0.60	sand to silty sand	60-70	40-42	16	UNDEFINED
5.75	19	67.62	0.25	0.37	0.62	sand to silty sand	60-70	40-42	16	UNDEFINED
.05	20	85.58	0.30	0.35	0.64	sand to silty sand	60-70	42-44	20	UNDEFINE
6.40	21	113.07	0.55	0.48	0.67	sand	70-80	42-44	22	UNDEFINED
6.70	22	105.15	0.55	0.53	0.70	sand to silty sand	70-80	42-44	25	UNDEFINED
7.00	23	97.48	0.53	0.54	0.72	sand to silty sand	70-80	42-44	23	UNDEFINED
7.35	24	124.30	0.64	0.51	0.74	sand	70-80	42-44	24	UNDEFINED
7.65	25	138.80	0.77	0.55	0.77	sand	70-80	42-44	27	UNDEFINED
7.95	26	106.03	0.61	0.57	0.79	sand to silty sand	70-80	42-44	25	UNDEFINED
8.25	27	67.00	0.37	0.55	0.82	sand to silty sand	50-60	40-42	16	UNDEFINED
8.55	28	81.67	0.38	0.47	0.84	sand to silty sand	60-70	40-42	20	UNDEFINED
8.85	29	65.75	0.38	0.57	0.86	sand to silty sand	50-60	38-40	16	UNDEFINED
9.15	30	57.70	0.25	0.44	0.89	sand to silty sand	50-60	38-40	14	UNDEFINED
9.45	31	61.27	0.28	0.45	0.91	sand to silty sand	50-60	38-40	15	UNDEFINED
9.75	32	66.43	0.40	0.60	0.93	sand to silty sand	50-60	38-40	16	UNDEFINED
0.05	33	24.10	0.47	1.97	0.96	sandy silt to clayey silt	UNDFND	UNDFD	9	2.2
0.35	34	20.77	0.45	2.19	0.98	clayey silt to silty clay	UNDFND	UNDFD	10	1.8
10.65	35	19.97	0.49	2.43	1.00	clayey silt to silty clay	UNDFND	UNDFD	10	1.8
0.95	36	21.70	0.56	2.57	1.03	clayey silt to silty clay	UNDFND	UNDFD	10	1.9
1.25	37	14.45	0.28	1.95	1.05	clayey silt to silty clay	UNDFND	UNDFD	7	1.2
11.55	38	11.58	0.24	2.05	1.07	clayey silt to silty clay	UNDFND	UNDFD	6	.9

Dr - All sands (Jamiolkowski et al. 1985) PHI - Robertson and Campanella 1983 Su: Nk= 10

** Note: For interpretation purposes the PLOTTED CPT PROFILE should be used with the TABULATED OUTPUT from CPTINTR1 (v 3.04) ****

1 WILLIAMS EARTH SCIENCES INC

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C rator :J. MAURER Location :CPT-G2 Page No. 2

DEPTH (ters)	(feet)	Qc (avg) (tsf)	Fs (avg) (tsf)	Rf (avg) (%)	SIGV' (tsf)	SOIL BEHAVIOUR TYPE	Eq - Dr (%)	PHI deg.	SPT N	Su tsf
11.85	39	11.10	0.30	2.73	1.10	silty clay to clay	UNDFND	UNDFD	7	.8
12.15	40	12.62	0.27	2.12	1.12	clayey silt to silty clay	UNDFND	UNDFD	6	1.0
12.45	41	16.40	0.31	1.90	1.14	clayey silt to silty clay	UNDFND	UNDFD	8	1.4
12.80	42	16.13	0.28	1.72	1.17	clayey silt to silty clay	UNDFND	UNDFD	8	1.3
13.10	43	15.05	0.26	1.74	1.19	clayey silt to silty clay	UNDFND	UNDFD	7	1.2
13.40	44	14.98	0.30	2.03	1.22	clayey silt to silty clay	UNDFND	UNDFD	7	1.2
13.75	45	14.46	0.27	1.88	1.24	clayey silt to silty clay	UNDFND	UNDFD	7	1.2
14.05	46	15.45	0.27	1.75	1.27	clayey silt to silty clay	UNDFND	UNDFD	7	1.2
14.35	47	15.93	0.28	1.77	1.29	clayey silt to silty clay	UNDFND	UNDFD	8	1.3
14.65	48	17.73	0.33	1.84	1.32	clayey silt to silty clay	UNDFND	UNDFD	8	1.5
14.95	49	18.28	0.41	2.26	1.34	clayey silt to silty clay	UNDFND	UNDFD	9	1.5
15.25	50	13.75	0.23	1.65	1.36	clayey silt to silty clay	UNDFND	UNDFD	7	1.1
15.55	51	43.08	0.73	1.70	1.39	silty sand to sandy silt	<40	34-36	14	UNDEFINED
15.85	52	77.10	0.83	1.08	1.41	sand to silty sand	50-60	38-40	18	UNDEFINED
16.15	53	77.47	0.83	1.08	1.43	sand to silty sand	50-60	38-40	19	UNDEFINED
16.45	54	71.00	0.80	1.12	1.46	silty sand to sandy silt	50-60	36-38	23	UNDEFINED
16.75	55	100.88	1.17	1.16	1.48	sand to silty sand	60-70	38-40	24	UNDEFINED
17.05	56	97.30	1.84	1.89	1.50	silty sand to sandy silt	60-70	38-40	31	UNDEFINED
17.35	57	87.23	1.91	2.19	1.53	silty sand to sandy silt	50-60	38-40	28	UNDEFINED
17.65	58	55.20	1.79	3.25	1.55	sandy silt to clayey silt	UNDFND	UNDFD	21	5.2
17.95	59	71.03	2.04	2.87	1.57	sandy silt to clayey silt	UNDFND	UNDFD	27	6.7
.25	60	82.50	2.61	3.17	1.60	sandy silt to clayey silt	UNDFND	UNDFD	32	7.9
18.55	61	123.15	1.50	1.22	1.62	sand to silty sand	60-70	38-40	29	UNDEFINED
18.85	62	175.17	2.18	1.24	1.64	sand to silty sand	70-80	40-42	42	UNDEFINED
19.20	63	100.56	2.27	2.26	1.67	silty sand to sandy silt	50-60	38-40	32	UNDEFINED
19.50	64	53.77	1.27	2.36	1.69	sandy silt to clayey silt	UNDFND	UNDFD	21	5.0
19.80	65	44.60	1.08	2.42	1.72	sandy silt to clayey silt	UNDFND	UNDFD	17	4.1
20.15	66	52.04	1.02	1.95	1.74	silty sand to sandy silt	<40	34-36	17	UNDEFINED
20.45	67	69.58	1.17	1.69	1.77	silty sand to sandy silt	40-50	36-38	22	UNDEFINED
20.75	68	55.73	1.37	2.46	1.79	sandy silt to clayey silt	UNDFND	UNDFD	21	5.2
21.05	69	45.12	0.96	2.13	1.81	sandy silt to clayey silt	UNDFND	UNDFD	17	4.1
21.35	70	37.53	0.64	1.69	1.84	sandy silt to clayey silt	UNDFND	UNDFD	14	3.3
21.65	71	33.57	0.64	1.91	1.86	sandy silt to clayey silt	UNDFND	UNDFD	13	2.9
21.95	72	42.78	1.05	2.47	1.88	sandy silt to clayey silt	UNDFND	UNDFD	16	3.8
22.25	73	61.72	1.21	1.96	1.91	silty sand to sandy silt	40-50	34-36	20	UNDEFINED
22.55	74	78.58	1.15	1.47	1.93	silty sand to sandy silt	50-60	36-38	25	UNDEFINED
22.85	75	86.17	1.64	1.91	1.95	silty sand to sandy silt	50-60	36-38	28	UNDEFINED
23.15	76	145.70	1.14	0.78	1.98	sand	60-70	38-40	28	UNDEFINED
23.45	77	107.78	1.24	1.15	2.00	sand to silty sand	50-60	38-40	26	UNDEFINED
23.75	78	73.40	1.34	1.83	2.03	silty sand to sandy silt	40-50	36-38	23	UNDEFINED
24.05	79	79.75	1.41	1.77	2.05	silty sand to sandy silt	40-50	36-38	25	UNDEFINED
24.35	80	82.27	1.53	1.86	2.07	silty sand to sandy silt	50-60	36-38	26	UNDEFINED

Dr - All sands (Jamiolkowski et al. 1985) PHI - Robertson and Campanella 1983 Su: Nk= 10

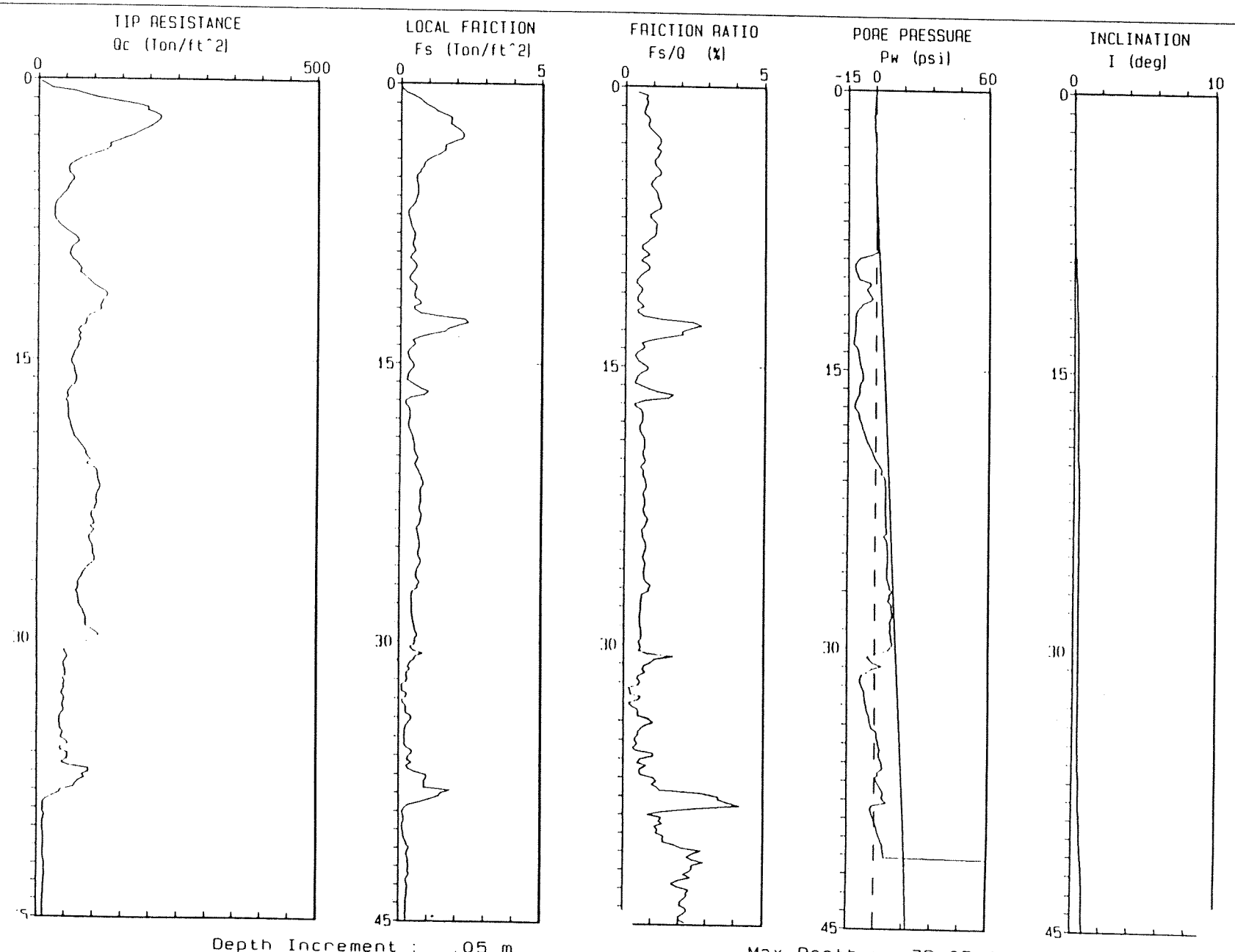
Note: For interpretation purposes the PLOTTED CPT PROFILE should be used with the TABULATED OUTPUT from CPTINTR1 (v 3.04) ****

Williams & Assoc.

Operator : J. MAURER
Location : CPT-G3

CPT Date : 11-07-97 08:29
Cone Used : 386

Sounding : 110701 Pg 1 / 2
Job No. : C397148



C-281

Depth Increment : .05 m

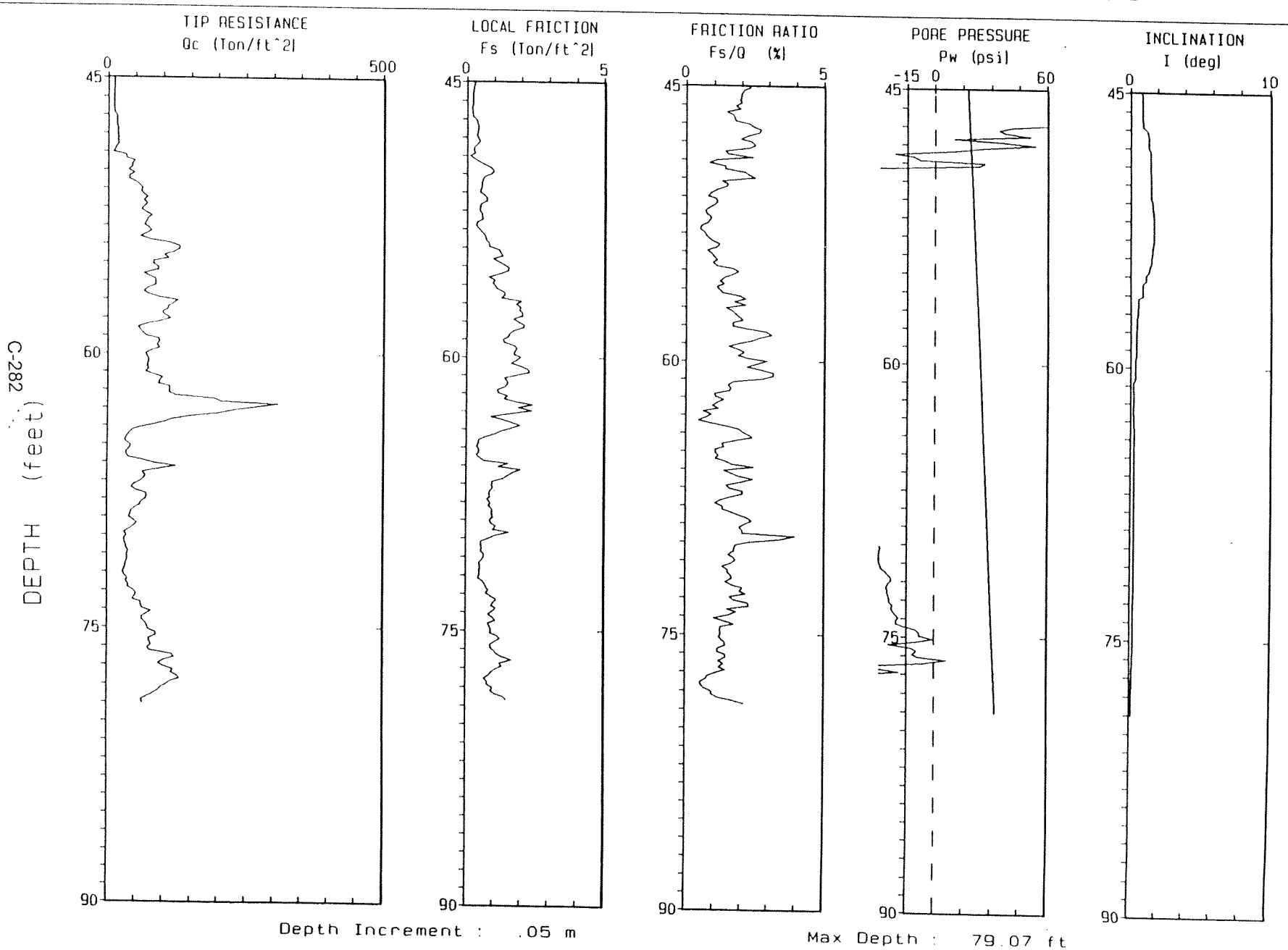
Max Depth : 79.07 ft

Williams & Assoc.

Operator : J. MAURER
Location : CPT-G3

CPT Date : 11-07-97 08:29
Cone Used : 386

Sounding : 110701 Pg 2 / 2
Job No. : C397148



Depth Increment : .05 m

Max Depth : 79.07 ft

1 WILLIAMS EARTH SCIENCES INC

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Operator :J. MAURER CPT Date :11-07-97 08:29

Location :CPT-G3 Cone Used :386

Job No. :C397148 Water table (feet) :

Tot. Unit Wt. (avg) : 110 pcf

DEPTH (meters)	DEPTH (feet)	Qc (avg) (tsf)	Fs (avg) (tsf)	Rf (avg) (%)	SIGV' (tsf)	SOIL BEHAVIOUR TYPE	Eq - Dr (%)	PHI deg.	SPT N	Su tsf
0.30	1	50.57	0.37	0.72	0.03	silty sand to sandy silt	>90	>48	16	UNDEFINED
0.60	2	188.73	1.43	0.76	0.08	sand	>90	>48	36	UNDEFINED
0.95	3	190.97	2.03	1.06	0.14	sand	>90	>48	37	UNDEFINED
1.25	4	120.45	1.37	1.13	0.20	sand to silty sand	>90	>48	29	UNDEFINED
1.55	5	61.05	0.69	1.12	0.25	silty sand to sandy silt	70-80	44-46	19	UNDEFINED
1.85	6	56.30	0.59	1.05	0.31	silty sand to sandy silt	60-70	42-44	18	UNDEFINED
2.15	7	33.72	0.37	1.10	0.34	silty sand to sandy silt	50-60	40-42	11	UNDEFINED
2.45	8	35.52	0.38	1.06	0.36	silty sand to sandy silt	50-60	40-42	11	UNDEFINED
2.75	9	64.98	0.46	0.71	0.39	sand to silty sand	60-70	42-44	16	UNDEFINED
3.05	10	62.68	0.45	0.71	0.41	sand to silty sand	60-70	42-44	15	UNDEFINED
3.35	11	86.02	0.42	0.49	0.43	sand to silty sand	70-80	44-46	21	UNDEFINED
3.65	12	117.08	0.56	0.48	0.46	sand	80-90	44-46	22	UNDEFINED
3.95	13	99.85	1.56	1.56	0.48	silty sand to sandy silt	70-80	44-46	32	UNDEFINED
4.25	14	76.75	0.99	1.28	0.50	silty sand to sandy silt	60-70	42-44	25	UNDEFINED
4.55	15	67.72	0.33	0.48	0.53	sand to silty sand	60-70	42-44	16	UNDEFINED
4.85	16	63.83	0.34	0.53	0.55	sand to silty sand	60-70	40-42	15	UNDEFINED
5.15	17	61.03	0.65	1.07	0.57	silty sand to sandy silt	60-70	40-42	19	UNDEFINED
5.45	18	53.73	0.28	0.52	0.60	sand to silty sand	50-60	40-42	13	UNDEFINED
5.75	19	57.85	0.33	0.57	0.62	sand to silty sand	50-60	40-42	14	UNDEFINED
6.05	20	72.42	0.48	0.67	0.64	sand to silty sand	60-70	40-42	17	UNDEFIN
6.40	21	92.64	0.60	0.65	0.67	sand to silty sand	70-80	42-44	22	UNDEFINE
6.70	22	108.90	0.77	0.71	0.70	sand to silty sand	70-80	42-44	26	UNDEFINED
7.00	23	105.82	0.73	0.69	0.72	sand to silty sand	70-80	42-44	25	UNDEFINED
7.35	24	98.63	0.71	0.71	0.74	sand to silty sand	70-80	42-44	24	UNDEFINED
7.65	25	96.68	0.69	0.71	0.77	sand to silty sand	60-70	40-42	23	UNDEFINED
7.95	26	100.37	0.70	0.69	0.79	sand to silty sand	70-80	42-44	24	UNDEFINED
8.25	27	81.38	0.63	0.77	0.82	sand to silty sand	60-70	40-42	19	UNDEFINED
8.55	28	73.10	0.47	0.64	0.84	sand to silty sand	60-70	40-42	18	UNDEFINED
8.85	29	82.07	0.46	0.56	0.86	sand to silty sand	60-70	40-42	20	UNDEFINED
9.15	30	98.50	0.57	0.58	0.89	sand to silty sand	60-70	40-42	24	UNDEFINED
9.45	31	63.08	0.56	0.89	0.91	sand to silty sand	50-60	38-40	15	UNDEFINED
9.75	32	49.98	0.30	0.61	0.93	sand to silty sand	40-50	36-38	12	UNDEFINED
10.05	33	46.70	0.17	0.36	0.96	sand to silty sand	40-50	36-38	11	UNDEFINED
10.35	34	47.20	0.22	0.47	0.98	sand to silty sand	40-50	36-38	11	UNDEFINED
10.65	35	42.08	0.27	0.64	1.00	silty sand to sandy silt	40-50	36-38	13	UNDEFINED
10.95	36	47.23	0.29	0.61	1.03	silty sand to sandy silt	40-50	36-38	15	UNDEFINED
11.25	37	60.22	0.36	0.60	1.05	sand to silty sand	50-60	38-40	14	UNDEFINED
11.55	38	78.15	1.08	1.38	1.07	silty sand to sandy silt	50-60	38-40	25	UNDEFINED

Dr - All sands (Jamiolkowski et al. 1985) PHI - Robertson and Campanella 1983 Su: Nk= 10

* * Note: For interpretation purposes the PLOTTED CPT PROFILE should be used with the TABULATED OUTPUT from CPTINTR1 (v 3.04) ****

1 WILLIAMS EARTH SCIENCES INC

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C rator :J. MAURER Location :CPT-G3 Page No. 2

DEPTH (ters)	DEPTH (feet)	Qc (avg) (tsf)	Fs (avg) (tsf)	Rf (avg) (%)	SIGV' (tsf)	SOIL BEHAVIOUR TYPE	Eq - Dr (%)	PHI deg.	SPT N	Su tsf
11.85	39	25.43	0.86	3.37	1.10	clayey silt to silty clay	UNDFND	UNDFD	12	2.3
12.15	40	11.38	0.14	1.21	1.12	clayey silt to silty clay	UNDFND	UNDFD	5	.9
12.45	41	11.67	0.18	1.57	1.14	clayey silt to silty clay	UNDFND	UNDFD	6	.9
12.80	42	12.09	0.31	2.57	1.17	clayey silt to silty clay	UNDFND	UNDFD	6	.9
13.10	43	13.97	0.30	2.11	1.19	clayey silt to silty clay	UNDFND	UNDFD	7	1.1
13.40	44	12.70	0.28	2.22	1.22	clayey silt to silty clay	UNDFND	UNDFD	6	1.0
13.75	45	11.34	0.25	2.20	1.24	clayey silt to silty clay	UNDFND	UNDFD	5	.8
14.05	46	10.92	0.21	1.95	1.27	clayey silt to silty clay	UNDFND	UNDFD	5	.8
14.80	49	11.48	0.21	1.83	1.31	clayey silt to silty clay	UNDFND	UNDFD	5	.8
15.10	50	15.97	0.38	2.37	1.35	clayey silt to silty clay	UNDFND	UNDFD	8	1.3
15.40	51	14.92	0.28	1.90	1.37	clayey silt to silty clay	UNDFND	UNDFD	7	1.2
15.70	52	38.70	0.69	1.77	1.40	sandy silt to clayey silt	UNDFND	UNDFD	15	3.5
16.00	52	47.98	0.53	1.10	1.42	silty sand to sandy silt	40-50	34-36	15	UNDEFINED
16.30	53	65.13	0.57	0.88	1.44	sand to silty sand	40-50	36-38	16	UNDEFINED
16.60	54	68.30	0.46	0.67	1.47	sand to silty sand	50-60	36-38	16	UNDEFINED
16.90	55	77.27	0.68	0.88	1.49	sand to silty sand	50-60	36-38	19	UNDEFINED
17.20	56	111.23	1.20	1.08	1.51	sand to silty sand	60-70	38-40	27	UNDEFINED
17.50	57	80.78	1.16	1.44	1.54	silty sand to sandy silt	50-60	36-38	26	UNDEFINED
17.80	58	78.33	1.36	1.73	1.56	silty sand to sandy silt	50-60	36-38	25	UNDEFINED
18.10	59	110.32	1.90	1.72	1.58	silty sand to sandy silt	60-70	38-40	35	UNDEFINED
18.40	60	76.07	1.80	2.36	1.61	sandy silt to clayey silt	UNDFND	UNDFD	29	7.2
.70	61	85.57	1.62	1.89	1.63	silty sand to sandy silt	50-60	36-38	27	UNDEFINED
9.00	62	71.37	1.98	2.78	1.65	sandy silt to clayey silt	UNDFND	UNDFD	27	6.7
19.30	63	90.68	1.45	1.60	1.68	silty sand to sandy silt	50-60	38-40	29	UNDEFINED
19.65	64	188.01	1.79	0.95	1.70	sand	70-80	40-42	36	UNDEFINED
19.95	65	146.02	1.51	1.04	1.73	sand to silty sand	60-70	40-42	35	UNDEFINED
20.25	66	39.58	0.70	1.76	1.75	sandy silt to clayey silt	UNDFND	UNDFD	15	3.5
20.60	68	48.01	0.72	1.51	1.78	silty sand to sandy silt	<40	32-34	15	UNDEFINED
20.90	69	78.25	1.40	1.79	1.80	silty sand to sandy silt	50-60	36-38	25	UNDEFINED
21.20	70	58.62	0.86	1.47	1.83	silty sand to sandy silt	40-50	34-36	19	UNDEFINED
21.50	71	48.57	0.91	1.87	1.85	silty sand to sandy silt	<40	32-34	16	UNDEFINED
21.80	72	42.48	1.07	2.53	1.87	sandy silt to clayey silt	UNDFND	UNDFD	16	3.8
22.10	73	33.85	0.58	1.71	1.90	sandy silt to clayey silt	UNDFND	UNDFD	13	2.9
22.40	73	32.90	0.51	1.53	1.92	sandy silt to clayey silt	UNDFND	UNDFD	13	2.8
22.70	74	37.17	0.67	1.80	1.94	sandy silt to clayey silt	UNDFND	UNDFD	14	3.3
23.00	75	55.15	1.01	1.83	1.97	silty sand to sandy silt	<40	34-36	18	UNDEFINED
23.30	76	69.55	0.92	1.32	1.99	silty sand to sandy silt	40-50	34-36	22	UNDEFINED
23.60	77	80.02	1.03	1.28	2.01	silty sand to sandy silt	50-60	36-38	26	UNDEFINED
23.90	78	97.27	1.30	1.34	2.04	sand to silty sand	50-60	36-38	23	UNDEFINED
24.20	79	118.47	0.85	0.71	2.06	sand to silty sand	60-70	38-40	28	UNDEFINED
24.50	80	85.13	-5460.36	-6413.89	2.08	undefined	UNDFND	UNDFD	UDF	UNDEFINED

Dr - All sands (Jamiolkowski et al. 1985) PHI - Robertson and Campanella 1983 Su: Nk= 10

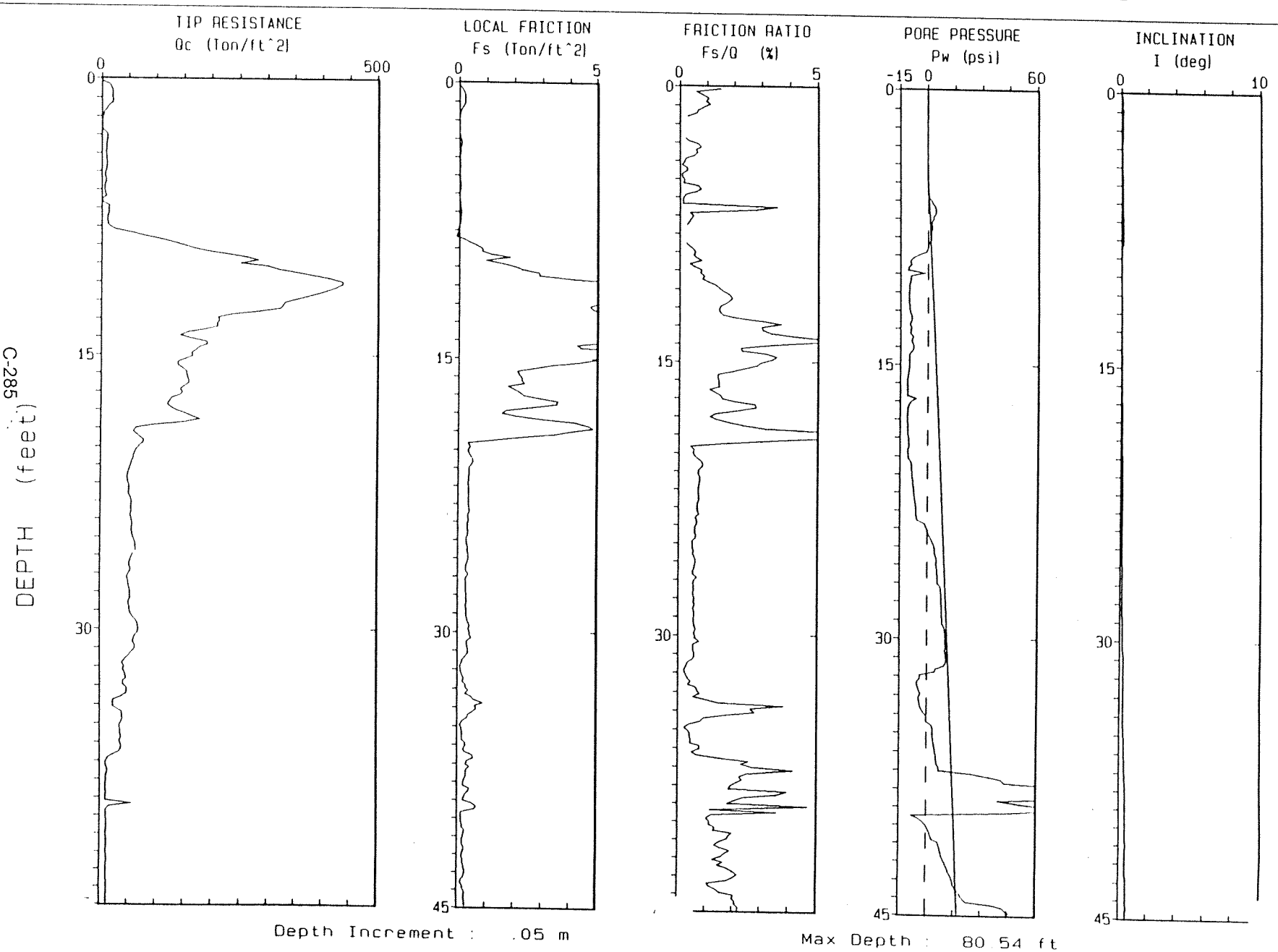
* Note: For interpretation purposes the PLOTTED CPT PROFILE should be used with the TABULATED OUTPUT from CPTINTR1 (v 3.04) ****

Williams & Assoc.

Operator : J. MAURER
Location : CPT-G4

CPT Date : 11-08-97 09:12
Cone Used : 386

Sounding : 110801 Pg 1 / 2
Job No. : C397148



Depth Increment : .05 m

Max Depth : 80.54 ft

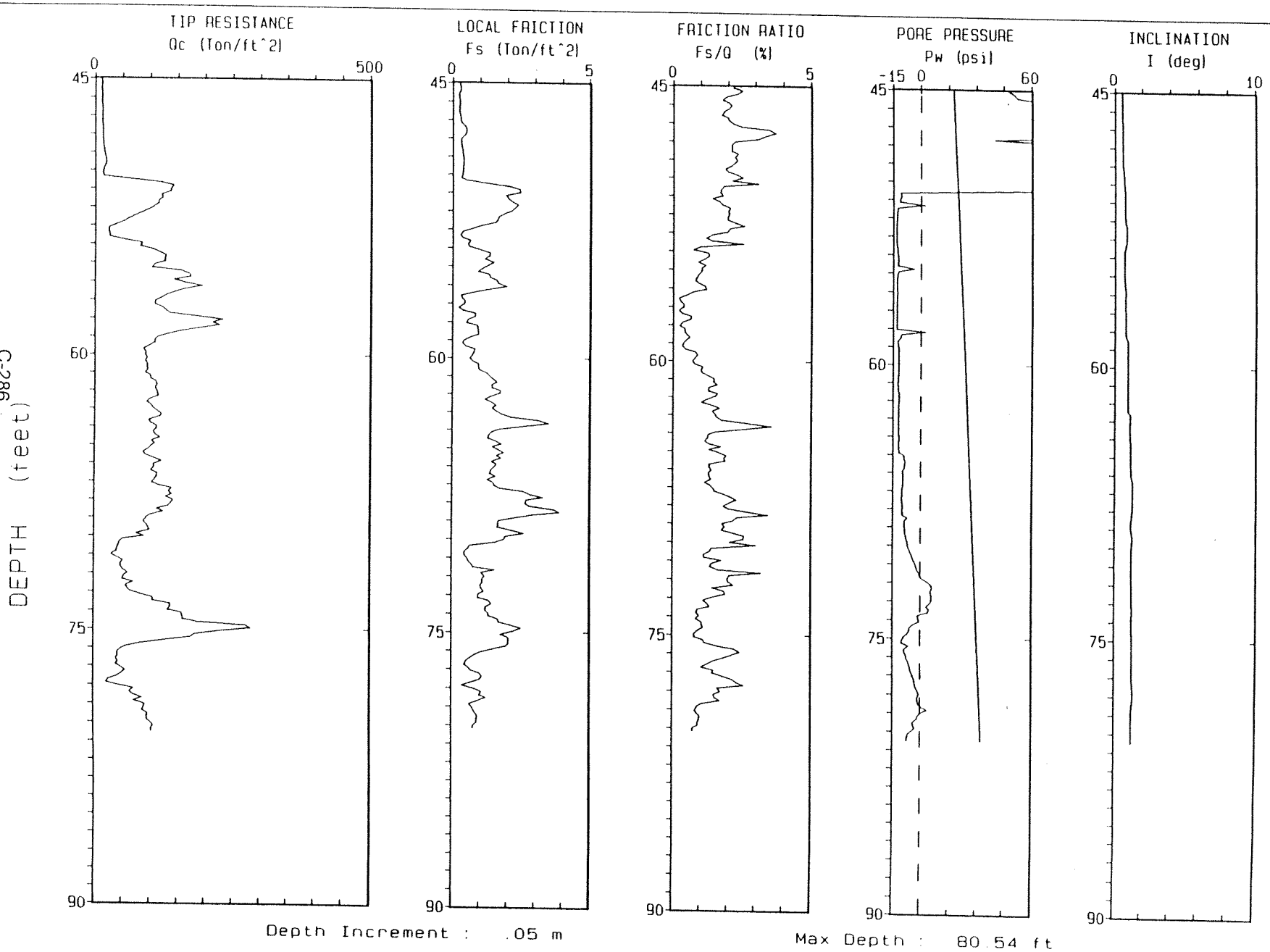
C-285

Williams & Assoc.

Operator : J. MAURER
Location : CPT-G4

CPT Date : 11-08-97 09:12
Cone Used : 386

Sounding : 110801 Pg 2 / 2
Job No. : C397148



Depth Increment : .05 m

Max Depth : 80.54 ft

1 WILLIAMS EARTH SCIENCES INC

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Operator :J. MAURER CPT Date :11-08-97 09:12

Location :CPT-G4 Cone Used :386

ob No. :C397148 Water table (feet) :

Tot. Unit Wt. (avg) : 110 pcf

DEPTH (meters)	DEPTH (feet)	Qc (avg) (tsf)	Fs (avg) (tsf)	Rf (avg) (%)	SIGV' (tsf)	SOIL BEHAVIOUR TYPE	Eq - Dr (%)	PHI deg.	SPT N	Su tsf
0.30	1	14.95	0.14	0.93	0.03	sandy silt to clayey silt	UNDFND	UNDFD	6	1.4
0.60	2	11.08	0.06	0.58	0.08	sandy silt to clayey silt	UNDFND	UNDFD	4	1.1
0.95	3	3.81	0.02	0.39	0.14	sensitive fine grained	UNDFND	UNDFD	2	.3
1.25	4	8.47	0.04	0.49	0.20	sensitive fine grained	UNDFND	UNDFD	4	.8
1.55	5	8.42	0.01	0.16	0.25	sensitive fine grained	UNDFND	UNDFD	4	.8
1.85	6	6.15	0.03	0.44	0.31	sensitive fine grained	UNDFND	UNDFD	3	.5
2.15	7	7.28	0.03	0.46	0.34	sensitive fine grained	UNDFND	UNDFD	3	.6
2.45	8	12.13	0.01	0.08	0.36	sandy silt to clayey silt	UNDFND	UNDFD	5	1.1
2.75	9	91.20	0.30	0.33	0.39	sand	70-80	44-46	17	UNDEFINED
3.05	10	229.75	1.38	0.60	0.41	sand	>90	>48	44	UNDEFINED
3.35	11	368.85	4.00	1.09	0.43	sand	>90	>48	>50	UNDEFINED
3.65	12	397.28	6.90	1.74	0.46	sand to silty sand	>90	>48	>50	UNDEFINED
3.95	13	285.70	5.95	2.08	0.48	sand to silty sand	>90	>48	>50	UNDEFINED
4.25	14	187.45	7.18	3.83	0.50	sand to clayey sand (*)	UNDFND	UNDFD	>50	UNDEFINED
4.55	15	176.63	5.26	2.98	0.53	silty sand to sandy silt	>90	46-48	>50	UNDEFINED
4.85	16	150.18	3.27	2.17	0.55	silty sand to sandy silt	80-90	44-46	48	UNDEFINED
5.15	17	154.67	2.14	1.38	0.57	sand to silty sand	80-90	44-46	37	UNDEFINED
5.45	18	132.33	2.79	2.11	0.60	silty sand to sandy silt	80-90	44-46	42	UNDEFINED
5.75	19	146.77	3.40	2.32	0.62	silty sand to sandy silt	80-90	44-46	47	UNDEFINED
.05	20	69.10	1.99	2.88	0.64	sandy silt to clayey silt	UNDFND	UNDFD	26	6.[illegible]
6.40	21	61.00	0.43	0.70	0.67	sand to silty sand	50-60	40-42	15	UNDEFINE[illegible]
6.70	22	50.50	0.37	0.73	0.70	silty sand to sandy silt	50-60	38-40	16	UNDEFINED
7.00	23	52.90	0.37	0.71	0.72	sand to silty sand	50-60	38-40	13	UNDEFINED
7.35	24	55.96	0.37	0.66	0.74	sand to silty sand	50-60	38-40	13	UNDEFINED
7.65	25	58.33	0.33	0.56	0.77	sand to silty sand	50-60	38-40	14	UNDEFINED
7.95	26	62.15	0.34	0.55	0.79	sand to silty sand	50-60	38-40	15	UNDEFINED
8.25	27	53.83	0.31	0.57	0.82	sand to silty sand	50-60	38-40	13	UNDEFINED
8.55	28	52.20	0.29	0.55	0.84	sand to silty sand	50-60	38-40	13	UNDEFINED
8.85	29	53.73	0.30	0.56	0.86	sand to silty sand	50-60	38-40	13	UNDEFINED
9.15	30	64.28	0.37	0.58	0.89	sand to silty sand	50-60	38-40	15	UNDEFINED
9.45	31	62.73	0.38	0.60	0.91	sand to silty sand	50-60	38-40	15	UNDEFINED
9.75	32	48.58	0.18	0.38	0.93	sand to silty sand	40-50	36-38	12	UNDEFINED
0.05	33	43.90	0.20	0.46	0.96	sand to silty sand	40-50	36-38	11	UNDEFINED
0.35	34	38.87	0.55	1.41	0.98	silty sand to sandy silt	<40	36-38	12	UNDEFINED
10.65	35	35.97	0.37	1.02	1.00	silty sand to sandy silt	<40	36-38	11	UNDEFINED
0.95	36	36.70	0.18	0.49	1.03	silty sand to sandy silt	<40	34-36	12	UNDEFINED
1.25	37	30.73	0.37	1.19	1.05	silty sand to sandy silt	<40	34-36	10	UNDEFINED
11.55	38	11.73	0.31	2.66	1.07	silty clay to clay	UNDFND	UNDFD	7	.9

Dr - All sands (Jamiolkowski et al. 1985) PHI - Robertson and Campanella 1983 Su: Nk= 10

(*) overconsolidated or cemented

* Note: For interpretation purposes the PLOTTED CPT PROFILE should be used with the TABULATED OUTPUT from CPTINTR1 (v 3.04) ****

1 WILLIAMS EARTH SCIENCES INC

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erator :J. MAURER Location :CPT-G4 Page No. 2

DEPTH eters)	(feet)	Qc (avg) (tsf)	Fs (avg) (tsf)	Rf (avg) (%)	SIGV' (tsf)	SOIL BEHAVIOUR TYPE	Eq - Dr (%)	PHI deg.	SPT N	Su tsf
11.85	39	10.82	0.28	2.62	1.10	silty clay to clay	UNDFND	UNDFD	7	.8
12.15	40	19.95	0.38	1.88	1.12	sandy silt to clayey silt	UNDFND	UNDFD	8	1.7
12.45	41	11.98	0.18	1.47	1.14	clayey silt to silty clay	UNDFND	UNDFD	6	.9
12.80	42	11.57	0.19	1.63	1.17	clayey silt to silty clay	UNDFND	UNDFD	6	.9
13.10	43	12.28	0.21	1.74	1.19	clayey silt to silty clay	UNDFND	UNDFD	6	.9
13.40	44	12.45	0.19	1.52	1.22	clayey silt to silty clay	UNDFND	UNDFD	6	1.0
13.75	45	12.39	0.26	2.12	1.24	clayey silt to silty clay	UNDFND	UNDFD	6	.9
14.05	46	11.82	0.25	2.12	1.27	clayey silt to silty clay	UNDFND	UNDFD	6	.9
14.35	47	12.85	0.25	1.97	1.29	clayey silt to silty clay	UNDFND	UNDFD	6	1.0
14.65	48	13.42	0.41	3.07	1.32	silty clay to clay	UNDFND	UNDFD	9	1.0
14.95	49	15.10	0.33	2.21	1.34	clayey silt to silty clay	UNDFND	UNDFD	7	1.2
15.25	50	17.37	0.37	2.16	1.36	clayey silt to silty clay	UNDFND	UNDFD	8	1.4
15.55	51	81.78	1.48	1.81	1.39	silty sand to sandy silt	50-60	38-40	26	UNDEFINED
15.85	52	118.67	2.14	1.80	1.41	silty sand to sandy silt	60-70	40-42	38	UNDEFINED
16.15	53	66.53	1.41	2.12	1.43	silty sand to sandy silt	40-50	36-38	21	UNDEFINED
16.45	54	39.67	0.47	1.18	1.46	silty sand to sandy silt	<40	32-34	13	UNDEFINED
16.75	55	113.83	1.29	1.13	1.48	sand to silty sand	60-70	38-40	27	UNDEFINED
17.05	56	141.95	1.33	0.94	1.50	sand to silty sand	70-80	40-42	34	UNDEFINED
17.35	57	152.92	0.87	0.57	1.53	sand	70-80	40-42	29	UNDEFINED
17.65	58	130.40	0.54	0.41	1.55	sand	60-70	40-42	25	UNDEFINED
17.95	59	191.73	0.80	0.42	1.57	sand	70-80	40-42	37	UNDEFINED
8.25	60	101.57	0.59	0.58	1.60	sand to silty sand	60-70	38-40	24	UNDEFINED
18.55	61	93.57	0.92	0.98	1.62	sand to silty sand	50-60	38-40	22	UNDEFINED
18.85	62	103.78	1.51	1.46	1.64	sand to silty sand	60-70	38-40	25	UNDEFINED
19.20	63	106.16	1.49	1.40	1.67	sand to silty sand	60-70	38-40	25	UNDEFINED
19.50	64	110.57	2.50	2.26	1.69	silty sand to sandy silt	60-70	38-40	35	UNDEFINED
19.80	65	110.00	1.47	1.34	1.72	sand to silty sand	60-70	38-40	26	UNDEFINED
20.15	66	102.34	1.65	1.61	1.74	silty sand to sandy silt	50-60	38-40	33	UNDEFINED
20.45	67	107.77	1.44	1.34	1.77	sand to silty sand	60-70	38-40	26	UNDEFINED
20.75	68	134.23	2.64	1.97	1.79	silty sand to sandy silt	60-70	38-40	43	UNDEFINED
21.05	69	117.52	2.88	2.45	1.81	silty sand to sandy silt	60-70	38-40	38	UNDEFINED
21.35	70	91.33	2.00	2.19	1.84	silty sand to sandy silt	50-60	36-38	29	UNDEFINED
21.65	71	42.33	0.72	1.70	1.86	silty sand to sandy silt	<40	32-34	14	UNDEFINED
21.95	72	50.82	1.00	1.96	1.88	sandy silt to clayey silt	UNDFND	UNDFD	19	4.6
22.25	73	60.13	1.08	1.80	1.91	silty sand to sandy silt	40-50	34-36	19	UNDEFINED
22.55	74	118.23	1.25	1.06	1.93	sand to silty sand	60-70	38-40	28	UNDEFINED
22.85	75	204.93	1.94	0.95	1.95	sand	70-80	40-42	39	UNDEFINED
23.15	76	141.82	1.89	1.33	1.98	sand to silty sand	60-70	38-40	34	UNDEFINED
23.45	77	43.47	0.68	1.57	2.00	silty sand to sandy silt	<40	32-34	14	UNDEFINED
23.75	78	41.58	0.82	1.98	2.03	sandy silt to clayey silt	UNDFND	UNDFD	16	3.7
24.05	79	69.58	0.96	1.38	2.05	silty sand to sandy silt	40-50	34-36	22	UNDEFINED
24.35	80	93.58	0.86	0.92	2.07	sand to silty sand	50-60	36-38	22	UNDEFINED

Dr - All sands (Jamiolkowski et al. 1985) PHI - Robertson and Campanella 1983 Su: Nk= 10

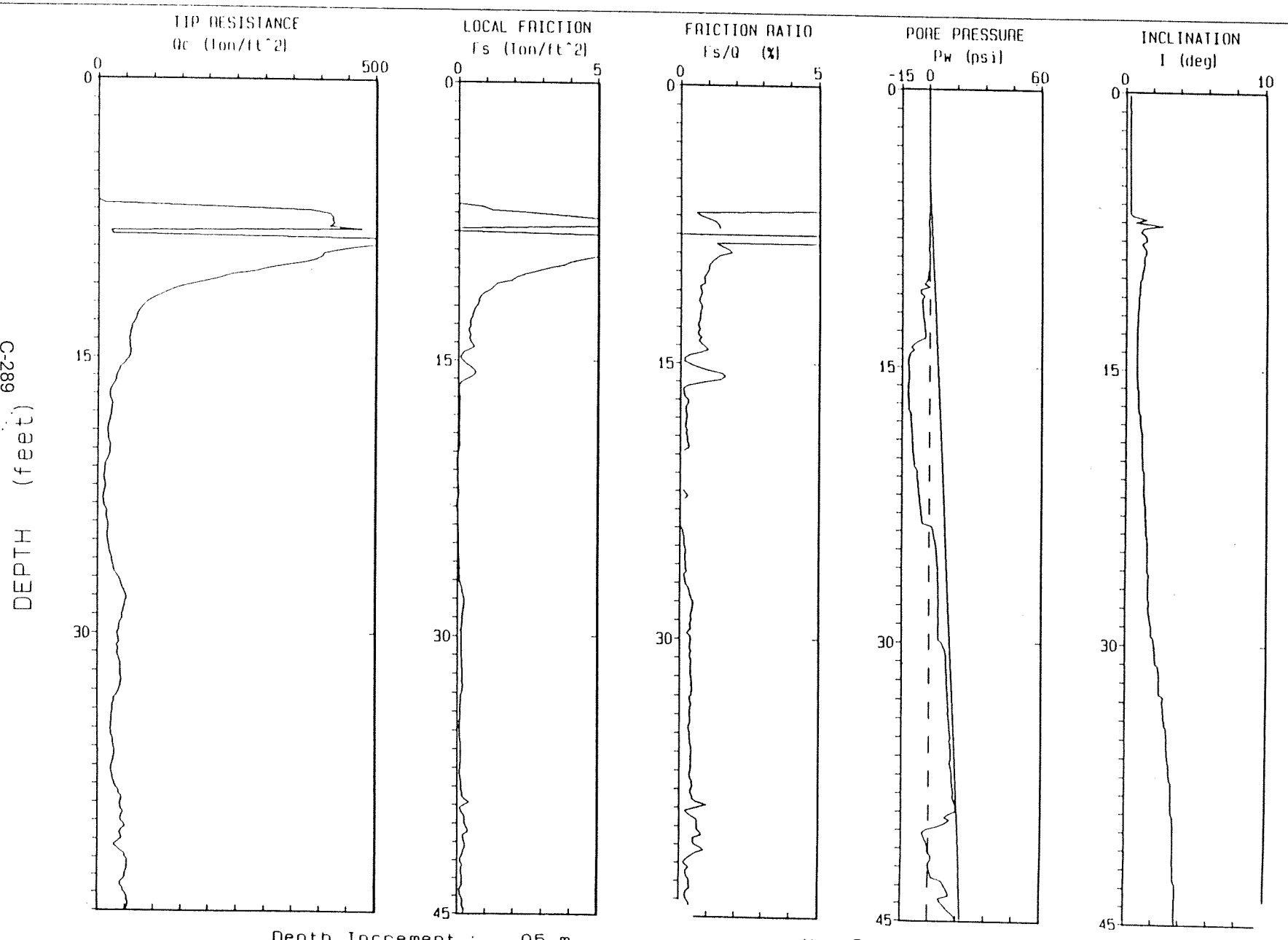
Note: For interpretation purposes the PLOTTED CPT PROFILE should be used with the TABULATED OUTPUT from CPTINTR1 (v 3.04) ****

Williams & Assoc.

Operator : J. MAURER
Location : CPT-G5

CPT Date : 11-05-97 10:32
Cone Used : 386

Sounding : 110502 Pg 1 / 2
Job No. : C397148



C-289

Depth Increment : .05 m

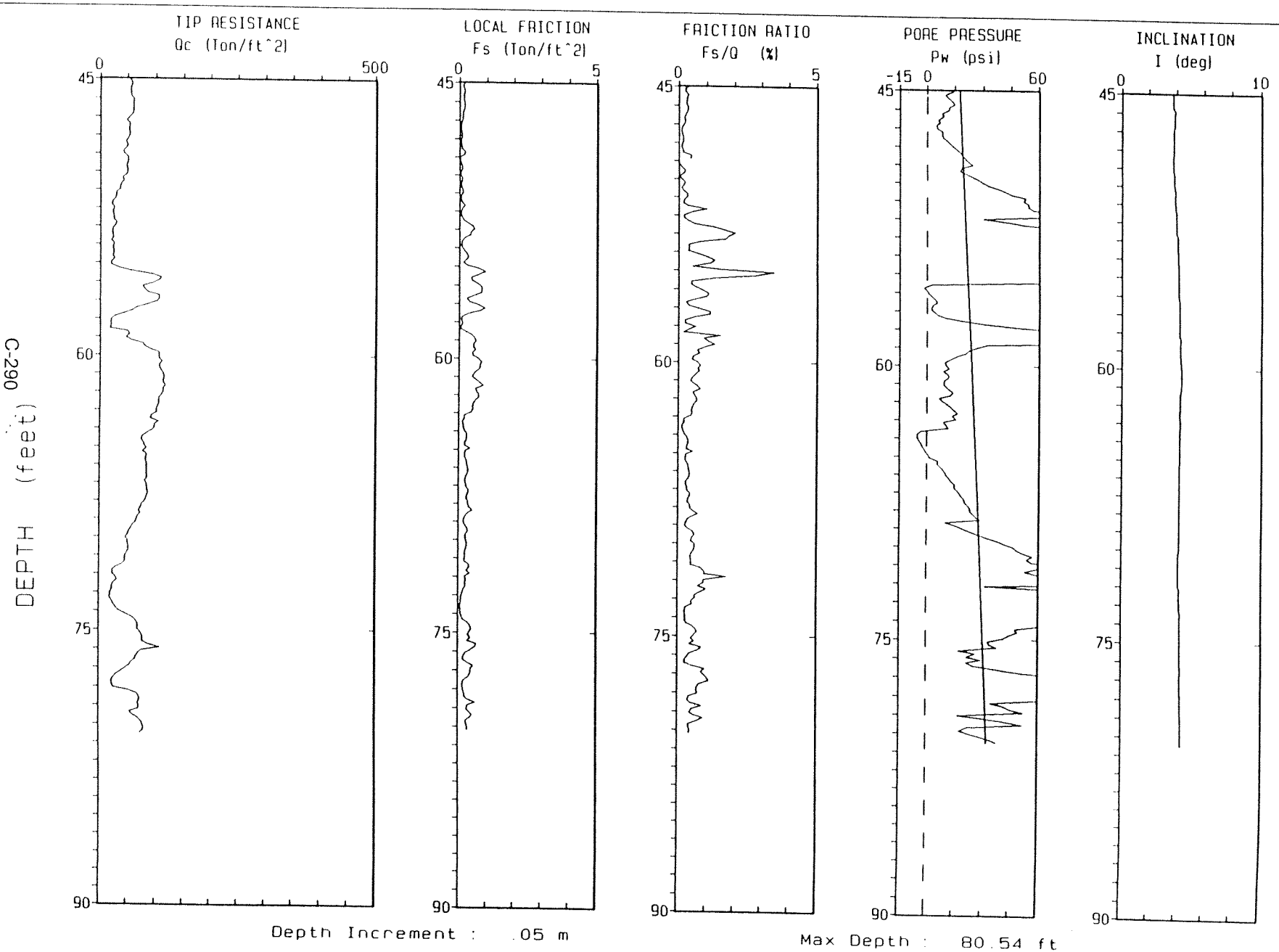
Max Depth : 80.54 ft

Williams & Assoc.

Operator : J. MAURER
Location : CPT-G5

CPT Date : 11-05-97 10:32
Cone Used : 386

Sounding : 110502 Pg 2 / 2
Job No. : C397148



1 WILLIAMS EARTH SCIENCES INC

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Operator :J. MAURER CPT Date :11-05-97 10:32

'ocation :CPT-G5 Cone Used :386

ɔb No. :C397148 Water table (feet) :

Tot. Unit Wt. (avg) : 110 pcf

(	DEPTH ters)	(feet)	Qc (avg) (tsf)	Fs (avg) (tsf)	Rf (avg) (%)	SIGV' (tsf)	SOIL BEHAVIOUR TYPE	Eq - Dr (%)	PHI deg.	SPT N	Su tsf
	0.30	1	0.05	0.00	1.67	0.03	undefined	UNDFND	UNDFD	UDF	UNDEFINED
	0.60	2	0.03	-0.00	-1.00	0.08	undefined	UNDFND	UNDFD	UDF	UNDEFINED
	0.95	3	0.01	-0.00	-7.00	0.14	undefined	UNDFND	UNDFD	UDF	UNDEFINED
	1.25	4	0.05	0.00	0.33	0.20	undefined	UNDFND	UNDFD	UDF	UNDEFINED
	1.55	5	0.03	-0.00	-2.50	0.25	undefined	UNDFND	UNDFD	UDF	UNDEFINED
	1.85	6	0.02	-0.00	-4.00	0.31	undefined	UNDFND	UNDFD	UDF	UNDEFINED
	2.15	7	101.50	0.79	0.78	0.34	sand to silty sand	80-90	44-46	24	UNDEFINED
	2.45	8	429.42	3.57	0.83	0.36	gravelly sand to sand	>90	>48	>50	UNDEFINED
	2.75	9	340.58	7.18	2.11	0.39	sand to silty sand	>90	>48	>50	UNDEFINED
	3.05	10	388.83	4.44	1.14	0.41	sand	>90	>48	>50	UNDEFINED
	3.35	11	237.30	1.96	0.83	0.43	sand	>90	>48	45	UNDEFINED
	3.65	12	118.05	0.84	0.72	0.46	sand to silty sand	80-90	44-46	28	UNDEFINED
	3.95	13	73.43	0.50	0.68	0.48	sand to silty sand	60-70	42-44	18	UNDEFINED
	4.25	14	58.73	0.40	0.68	0.50	sand to silty sand	60-70	40-42	14	UNDEFINED
	4.55	15	56.87	0.30	0.53	0.53	sand to silty sand	50-60	40-42	14	UNDEFINED
	4.85	16	43.82	0.44	1.01	0.55	silty sand to sandy silt	50-60	40-42	14	UNDEFINED
	5.15	17	27.73	0.08	0.30	0.57	silty sand to sandy silt	<40	36-38	9	UNDEFINED
	5.45	18	23.62	0.05	0.23	0.60	silty sand to sandy silt	<40	36-38	8	UNDEFINED
	5.75	19	21.22	0.04	0.21	0.62	silty sand to sandy silt	<40	34-36	7	UNDEFINED
	.05	20	19.68	0.05	0.24	0.64	silty sand to sandy silt	<40	34-36	6	UNDEFINE
	6.40	21	17.96	-0.03	-0.14	0.67	undefined	UNDFND	UNDFD	UDF	UNDEFINED
	6.70	22	12.45	-0.01	-0.11	0.70	undefined	UNDFND	UNDFD	UDF	UNDEFINED
	7.00	23	11.22	-0.00	-0.03	0.72	undefined	UNDFND	UNDFD	UDF	UNDEFINED
	7.35	24	15.27	-0.01	-0.05	0.74	undefined	UNDFND	UNDFD	UDF	UNDEFINED
	7.65	25	17.93	0.02	0.14	0.77	silty sand to sandy silt	<40	32-34	6	UNDEFINED
	7.95	26	21.95	0.04	0.19	0.79	silty sand to sandy silt	<40	34-36	7	UNDEFINED
	8.25	27	30.63	0.06	0.19	0.82	silty sand to sandy silt	<40	36-38	10	UNDEFINED
	8.55	28	45.57	0.17	0.37	0.84	sand to silty sand	40-50	38-40	11	UNDEFINED
	8.85	29	47.23	0.20	0.42	0.86	sand to silty sand	40-50	38-40	11	UNDEFINED
	9.15	30	39.15	0.14	0.35	0.89	silty sand to sandy silt	40-50	36-38	13	UNDEFINED
	9.45	31	36.42	0.13	0.36	0.91	silty sand to sandy silt	<40	36-38	12	UNDEFINED
	9.75	32	39.27	0.15	0.39	0.93	silty sand to sandy silt	40-50	36-38	13	UNDEFINED
	0.05	33	41.38	0.17	0.42	0.96	silty sand to sandy silt	40-50	36-38	13	UNDEFINED
	10.35	34	30.38	0.11	0.36	0.98	silty sand to sandy silt	<40	34-36	10	UNDEFINED
	10.65	35	25.18	0.09	0.34	1.00	silty sand to sandy silt	<40	32-34	8	UNDEFINED
	0.95	36	25.48	0.10	0.38	1.03	silty sand to sandy silt	<40	32-34	8	UNDEFINED
	1.25	37	28.43	0.11	0.40	1.05	silty sand to sandy silt	<40	32-34	9	UNDEFINED
	11.55	38	25.68	0.10	0.40	1.07	silty sand to sandy silt	<40	32-34	8	UNDEFINED

Dr - All sands (Jamiolkowski et al. 1985) PHI - Robertson and Campanella 1983 Su: Nk= 10

**** Note: For interpretation purposes the PLOTTED CPT PROFILE should be used with the TABULATED OUTPUT from CPTINTR1 (v 3.04) ****

1 WILLIAMS EARTH SCIENCES INC

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O rator :J. MAURER Location :CPT-G5

DEPTH (ters)	(feet)	Qc (avg) (tsf)	Fs (avg) (tsf)	Rf (avg) (%)	SIGV' (tsf)	SOIL BEHAVIOUR TYPE	Eq - Dr (%)	PHI deg.	SPT N	Su tsf
11.85	39	37.33	0.21	0.56	1.10	silty sand to sandy silt	<40	34-36	12	UNDEFINED
12.15	40	42.15	0.20	0.47	1.12	silty sand to sandy silt	40-50	36-38	13	UNDEFINED
12.45	41	43.58	0.27	0.63	1.14	silty sand to sandy silt	40-50	36-38	14	UNDEFINED
12.80	42	39.97	0.19	0.47	1.17	silty sand to sandy silt	<40	34-36	13	UNDEFINED
13.10	43	52.17	0.14	0.27	1.19	sand to silty sand	40-50	36-38	12	UNDEFINED
13.40	44	45.17	0.13	0.29	1.22	sand to silty sand	40-50	36-38	11	UNDEFINED
13.75	45	53.06	0.18	0.34	1.24	sand to silty sand	40-50	36-38	13	UNDEFINED
14.05	46	56.55	0.16	0.28	1.27	sand to silty sand	40-50	36-38	14	UNDEFINED
14.35	47	57.85	0.13	0.22	1.29	sand to silty sand	40-50	36-38	14	UNDEFINED
14.65	48	51.72	0.06	0.12	1.32	sand to silty sand	40-50	36-38	12	UNDEFINED
14.95	49	46.23	0.09	0.20	1.34	sand to silty sand	40-50	34-36	11	UNDEFINED
15.25	50	49.17	0.05	0.10	1.36	sand to silty sand	40-50	36-38	12	UNDEFINED
15.55	51	39.75	0.08	0.20	1.39	sand to silty sand	<40	34-36	10	UNDEFINED
15.85	52	25.75	0.09	0.36	1.41	silty sand to sandy silt	<40	30-32	8	UNDEFINED
16.15	53	25.37	0.27	1.05	1.43	sandy silt to clayey silt	UNDFND	UNDFD	10	2.2
16.45	54	22.82	0.20	0.87	1.46	sandy silt to clayey silt	UNDFND	UNDFD	9	1.9
16.75	55	23.63	0.24	1.00	1.48	sandy silt to clayey silt	UNDFND	UNDFD	9	2.0
17.05	56	69.88	0.65	0.93	1.50	sand to silty sand	50-60	36-38	17	UNDEFINED
17.35	57	91.57	0.60	0.65	1.53	sand to silty sand	50-60	38-40	22	UNDEFINED
17.65	58	63.88	0.47	0.74	1.55	sand to silty sand	40-50	36-38	15	UNDEFINED
17.95	59	29.92	0.25	0.84	1.57	silty sand to sandy silt	<40	30-32	10	UNDEFINED
.25	60	76.25	0.54	0.71	1.60	sand to silty sand	50-60	36-38	18	UNDEFINED
.55	61	107.90	0.70	0.65	1.62	sand to silty sand	60-70	38-40	26	UNDEFINED
18.85	62	114.57	0.66	0.58	1.64	sand	60-70	38-40	22	UNDEFINED
9.20	63	106.70	0.56	0.53	1.67	sand to silty sand	60-70	38-40	26	UNDEFINED
9.50	64	98.15	0.17	0.18	1.69	sand	50-60	38-40	19	UNDEFINED
19.80	65	81.22	0.29	0.35	1.72	sand to silty sand	50-60	36-38	19	UNDEFINED
20.15	66	82.96	0.27	0.32	1.74	sand to silty sand	50-60	36-38	20	UNDEFINED
20.45	67	84.05	0.27	0.32	1.77	sand to silty sand	50-60	36-38	20	UNDEFINED
20.75	68	84.13	0.32	0.38	1.79	sand to silty sand	50-60	36-38	20	UNDEFINED
21.05	69	71.45	0.30	0.42	1.81	sand to silty sand	40-50	36-38	17	UNDEFINED
21.35	70	55.52	0.27	0.49	1.84	sand to silty sand	40-50	34-36	13	UNDEFINED
21.65	71	51.15	0.26	0.50	1.86	sand to silty sand	<40	34-36	12	UNDEFINED
21.95	72	35.92	0.32	0.89	1.88	silty sand to sandy silt	<40	30-32	11	UNDEFINED
22.25	73	26.20	0.20	0.78	1.91	silty sand to sandy silt	<40	<30	8	UNDEFINED
22.55	74	25.92	0.08	0.32	1.93	silty sand to sandy silt	<40	<30	8	UNDEFINED
22.85	75	62.95	0.32	0.51	1.95	sand to silty sand	40-50	34-36	15	UNDEFINED
23.15	76	83.88	0.47	0.57	1.98	sand to silty sand	50-60	36-38	20	UNDEFINED
23.45	77	64.92	0.32	0.50	2.00	sand to silty sand	40-50	34-36	16	UNDEFINED
23.75	78	31.50	0.28	0.90	2.03	silty sand to sandy silt	<40	30-32	10	UNDEFINED
24.05	79	60.22	0.33	0.54	2.05	sand to silty sand	40-50	34-36	14	UNDEFINED
24.35	80	67.82	0.37	0.54	2.07	sand to silty sand	40-50	34-36	16	UNDEFINED

Dr - All sands (Jamiolkowski et al. 1985) PHI - Robertson and Campanella 1983 Su: Nk= 10

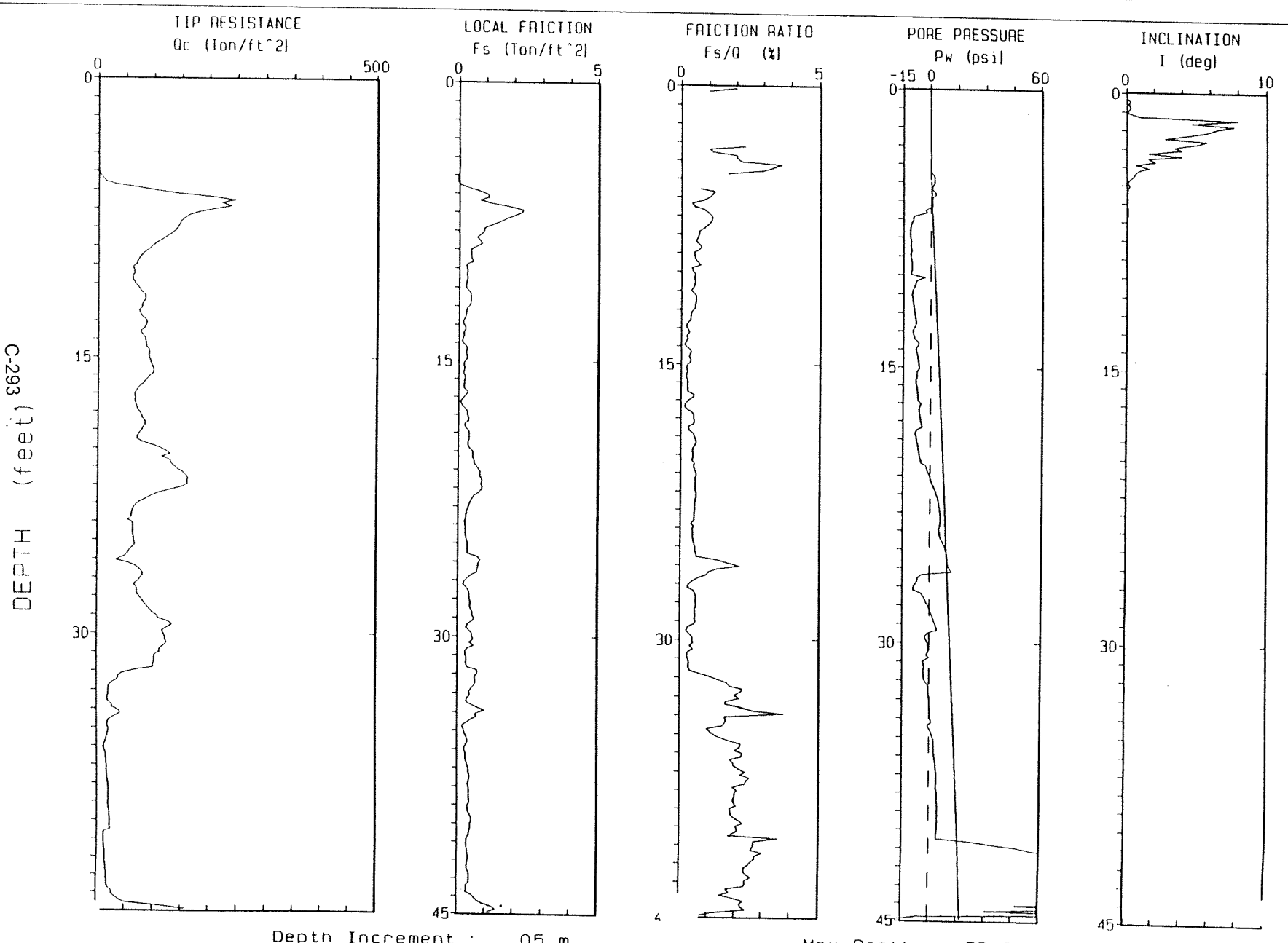
ote: For interpretation purposes the PLOTTED CPT PROFILE should be used with the TABULATED OUTPUT from CPTINTR1 (v 3.04) ****

Williams & Assoc.

Operator : J. MAURER
Location : CPT-Y1

CPT Date : 11-04-97 15:40
Cone Used : 386

Sounding : 110402 Pg 1 / 2
Job No. : C397148



C-293

Depth Increment : .05 m

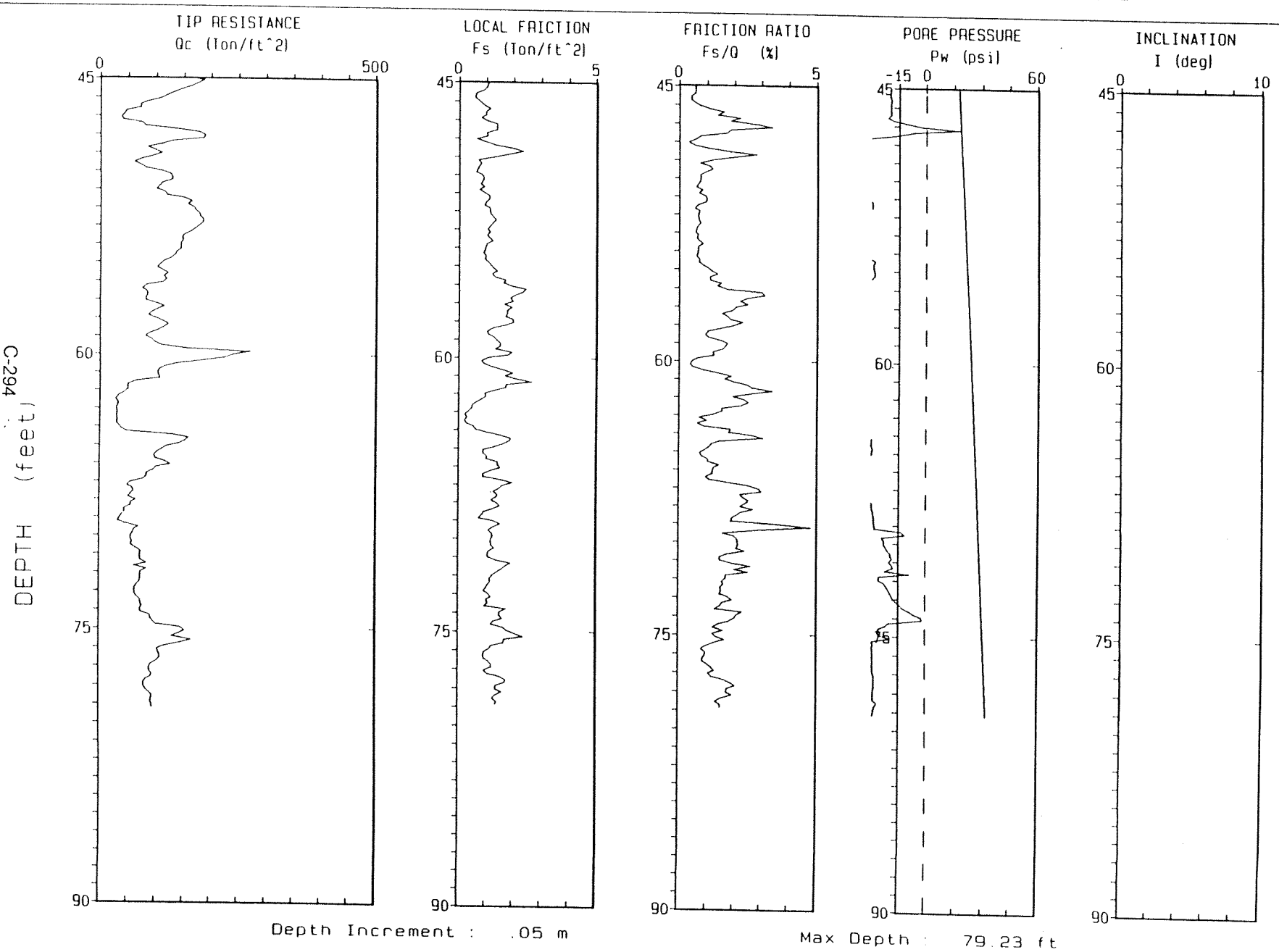
Max Depth : 79.23 ft

Williams & Assoc.

Operator : J. MAURER
Location : CPT-Y1

CPT Date : 11-04-97 15:40
Cone Used : 386

Sounding : 110402 Pg 2 / 2
Job No. : C397148



Depth Increment : .05 m

Max Depth : 79.23 ft

1 WILLIAMS EARTH SCIENCES INC

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Operator :J. MAURER
Location :CPT-Y1
Job No. :C397148
Tot. Unit Wt. (avg) : 110 pcf

CPT Date :11-04-97 15:40
Cone Used :386
Water table (feet) :

DEPTH (meters)	DEPTH (feet)	Qc (avg) (tsf)	Fs (avg) (tsf)	Rf (avg) (%)	SIGV' (tsf)	SOIL BEHAVIOUR TYPE	Eq - Dr (%)	PHI deg.	SPT N	Su tsf
0.30	1	0.05	0.00	3.33	0.03	undefined	UNDFND	UNDFD	UDF	UNDEFINED
0.60	2	0.00	0.00	0.00	0.08	undefined	UNDFND	UNDFD	UDF	UNDEFINED
0.95	3	0.01	0.01	48.00	0.14	undefined	UNDFND	UNDFD	UDF	UNDEFINED
1.25	4	0.57	0.01	1.68	0.20	undefined	UNDFND	UNDFD	UDF	UNDEFINED
1.55	5	0.45	-0.01	-1.44	0.25	undefined	UNDFND	UNDFD	UDF	UNDEFINED
1.85	6	37.83	0.35	0.93	0.31	silty sand to sandy silt	50-60	40-42	12	UNDEFINED
2.15	7	209.43	1.56	0.74	0.34	sand	>90	>48	40	UNDEFINED
2.45	8	154.80	1.35	0.87	0.36	sand	>90	46-48	30	UNDEFINED
2.75	9	117.52	0.68	0.58	0.39	sand	80-90	44-46	23	UNDEFINED
3.05	10	77.20	0.38	0.50	0.41	sand to silty sand	70-80	42-44	18	UNDEFINED
3.35	11	62.70	0.28	0.44	0.43	sand to silty sand	60-70	42-44	15	UNDEFINED
3.65	12	78.97	0.39	0.50	0.46	sand to silty sand	70-80	42-44	19	UNDEFINED
3.95	13	78.25	0.22	0.28	0.48	sand to silty sand	70-80	42-44	19	UNDEFINED
4.25	14	82.07	0.17	0.21	0.50	sand	70-80	42-44	16	UNDEFINED
4.55	15	88.40	0.27	0.30	0.53	sand to silty sand	70-80	42-44	21	UNDEFINED
4.85	16	96.62	0.19	0.20	0.55	sand	70-80	42-44	19	UNDEFINED
5.15	17	79.53	0.23	0.29	0.57	sand to silty sand	60-70	42-44	19	UNDEFINED
5.45	18	67.15	0.18	0.27	0.60	sand to silty sand	60-70	40-42	16	UNDEFINED
5.75	19	80.47	0.31	0.39	0.62	sand to silty sand	60-70	42-44	19	UNDEFINED
.05	20	77.83	0.37	0.47	0.64	sand to silty sand	60-70	40-42	19	UNDEFINED
6.40	21	125.17	0.58	0.46	0.67	sand	70-80	42-44	24	UNDEFINE
6.70	22	156.20	0.82	0.53	0.70	sand	80-90	44-46	30	UNDEFINED
7.00	23	106.95	0.57	0.53	0.72	sand to silty sand	70-80	42-44	26	UNDEFINED
7.35	24	61.46	0.28	0.46	0.74	sand to silty sand	50-60	40-42	15	UNDEFINED
7.65	25	63.62	0.30	0.47	0.77	sand to silty sand	50-60	40-42	15	UNDEFINED
7.95	26	53.32	0.54	1.02	0.79	silty sand to sandy silt	50-60	38-40	17	UNDEFINED
8.25	27	72.80	0.54	0.74	0.82	sand to silty sand	60-70	40-42	17	UNDEFINED
8.55	28	70.93	0.35	0.49	0.84	sand to silty sand	50-60	40-42	17	UNDEFINED
8.85	29	91.95	0.50	0.54	0.86	sand to silty sand	60-70	40-42	22	UNDEFINED
9.15	30	121.88	0.44	0.36	0.89	sand	70-80	42-44	23	UNDEFINED
9.45	31	118.35	0.41	0.35	0.91	sand	70-80	42-44	23	UNDEFINED
9.75	32	95.60	0.46	0.48	0.93	sand to silty sand	60-70	40-42	23	UNDEFINED
10.05	33	31.15	0.57	1.82	0.96	sandy silt to clayey silt	UNDFND	UNDFD	12	2.9
10.35	34	22.15	0.54	2.46	0.98	clayey silt to silty clay	UNDFND	UNDFD	11	2.0
10.65	35	28.45	0.43	1.50	1.00	sandy silt to clayey silt	UNDFND	UNDFD	11	2.6
10.95	36	17.17	0.31	1.80	1.03	clayey silt to silty clay	UNDFND	UNDFD	8	1.5
11.25	37	14.98	0.31	2.05	1.05	clayey silt to silty clay	UNDFND	UNDFD	7	1.2
11.55	38	17.88	0.41	2.31	1.07	clayey silt to silty clay	UNDFND	UNDFD	9	1.5

Dr - All sands (Jamiolkowski et al. 1985) PHI - Robertson and Campanella 1983 Su: Nk= 10

**** Note: For interpretation purposes the PLOTTED CPT PROFILE should be used with the TABULATED OUTPUT from CPTINTR1 (v 3.04) ****

1 WILLIAMS EARTH SCIENCES INC

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erator :J. MAURER Location :CPT-Y1 Page No. 2

DEPTH (eters)	(feet)	Qc (avg) (tsf)	Fs (avg) (tsf)	Rf (avg) (%)	SIGV' (tsf)	SOIL BEHAVIOUR TYPE	Eq - Dr (%)	PHI deg.	SPT N	Su tsf
11.85	39	20.83	0.42	2.01	1.10	sandy silt to clayey silt	UNDFND	UNDFD	8	1.8
12.15	40	21.57	0.43	2.00	1.12	sandy silt to clayey silt	UNDFND	UNDFD	8	1.9
12.85	42	19.25	0.43	2.22	1.16	clayey silt to silty clay	UNDFND	UNDFD	9	1.6
13.20	43	13.39	0.37	2.73	1.20	clayey silt to silty clay	UNDFND	UNDFD	6	1.1
13.50	44	15.97	0.39	2.45	1.23	clayey silt to silty clay	UNDFND	UNDFD	8	1.3
13.80	45	20.35	0.40	1.95	1.25	sandy silt to clayey silt	UNDFND	UNDFD	8	1.7
14.15	46	87.99	1.01	1.15	1.27	sand to silty sand	50-60	38-40	21	UNDEFINED
14.45	47	140.40	0.75	0.54	1.30	sand	70-80	40-42	27	UNDEFINED
14.75	48	58.55	0.98	1.67	1.32	silty sand to sandy silt	40-50	36-38	19	UNDEFINED
15.05	49	115.52	1.13	0.98	1.35	sand to silty sand	60-70	40-42	28	UNDEFINED
15.35	50	119.33	1.62	1.36	1.37	sand to silty sand	60-70	40-42	29	UNDEFINED
15.65	51	81.43	0.72	0.88	1.39	sand to silty sand	50-60	38-40	20	UNDEFINED
15.95	52	116.32	0.85	0.73	1.42	sand to silty sand	60-70	40-42	28	UNDEFINED
16.25	53	145.28	1.06	0.73	1.44	sand	70-80	40-42	28	UNDEFINED
16.55	54	179.35	1.19	0.67	1.46	sand	70-80	40-42	34	UNDEFINED
16.85	55	154.30	1.08	0.70	1.49	sand	70-80	40-42	30	UNDEFINED
17.15	56	132.85	1.00	0.75	1.51	sand	60-70	40-42	25	UNDEFINED
17.45	57	111.97	1.42	1.27	1.53	sand to silty sand	60-70	38-40	27	UNDEFINED
17.75	58	86.23	2.10	2.44	1.56	sandy silt to clayey silt	UNDFND	UNDFD	33	8.3
18.05	59	96.42	1.80	1.87	1.58	silty sand to sandy silt	50-60	38-40	31	UNDEFINED
18.35	60	106.80	1.39	1.30	1.60	sand to silty sand	60-70	38-40	26	UNDEFINED
.65	61	134.58	1.58	1.17	1.63	sand to silty sand	60-70	40-42	32	UNDEFINED
18.95	62	169.82	1.29	0.76	1.65	sand	70-80	40-42	33	UNDEFINED
19.25	63	80.20	1.86	2.31	1.67	silty sand to sandy silt	50-60	36-38	26	UNDEFINED
19.60	64	35.10	0.68	1.93	1.70	sandy silt to clayey silt	UNDFND	UNDFD	13	3.1
19.90	65	31.25	0.37	1.17	1.72	silty sand to sandy silt	<40	30-32	10	UNDEFINED
20.20	66	112.25	1.53	1.36	1.75	sand to silty sand	60-70	38-40	27	UNDEFINED
20.55	67	109.94	1.18	1.07	1.77	sand to silty sand	60-70	38-40	26	UNDEFINED
20.85	68	82.43	1.35	1.64	1.80	silty sand to sandy silt	50-60	36-38	26	UNDEFINED
21.15	69	56.38	1.37	2.42	1.82	sandy silt to clayey silt	UNDFND	UNDFD	22	5.2
21.45	70	45.78	1.09	2.38	1.85	sandy silt to clayey silt	UNDFND	UNDFD	18	4.1
21.75	71	54.02	1.28	2.36	1.87	sandy silt to clayey silt	UNDFND	UNDFD	21	5.0
22.05	72	63.73	1.17	1.84	1.89	silty sand to sandy silt	40-50	34-36	20	UNDEFINED
22.35	73	75.20	1.55	2.06	1.92	silty sand to sandy silt	40-50	36-38	24	UNDEFINED
22.65	74	68.73	1.08	1.57	1.94	silty sand to sandy silt	40-50	34-36	22	UNDEFINED
22.95	75	71.05	1.27	1.78	1.96	silty sand to sandy silt	40-50	36-38	23	UNDEFINED
23.25	76	99.97	1.51	1.52	1.99	silty sand to sandy silt	50-60	36-38	32	UNDEFINED
23.55	77	142.80	1.69	1.19	2.01	sand to silty sand	60-70	38-40	34	UNDEFINED
23.85	78	103.57	1.07	1.03	2.03	sand to silty sand	50-60	36-38	25	UNDEFINED
24.15	79	87.73	1.40	1.60	2.06	silty sand to sandy silt	50-60	36-38	28	UNDEFINED
24.45	80	88.55	1.40	1.58	2.08	silty sand to sandy silt	50-60	36-38	28	UNDEFINED

Dr - All sands (Jamiolkowski et al. 1985) PHI - Robertson and Campanella 1983 Su: Nk= 10

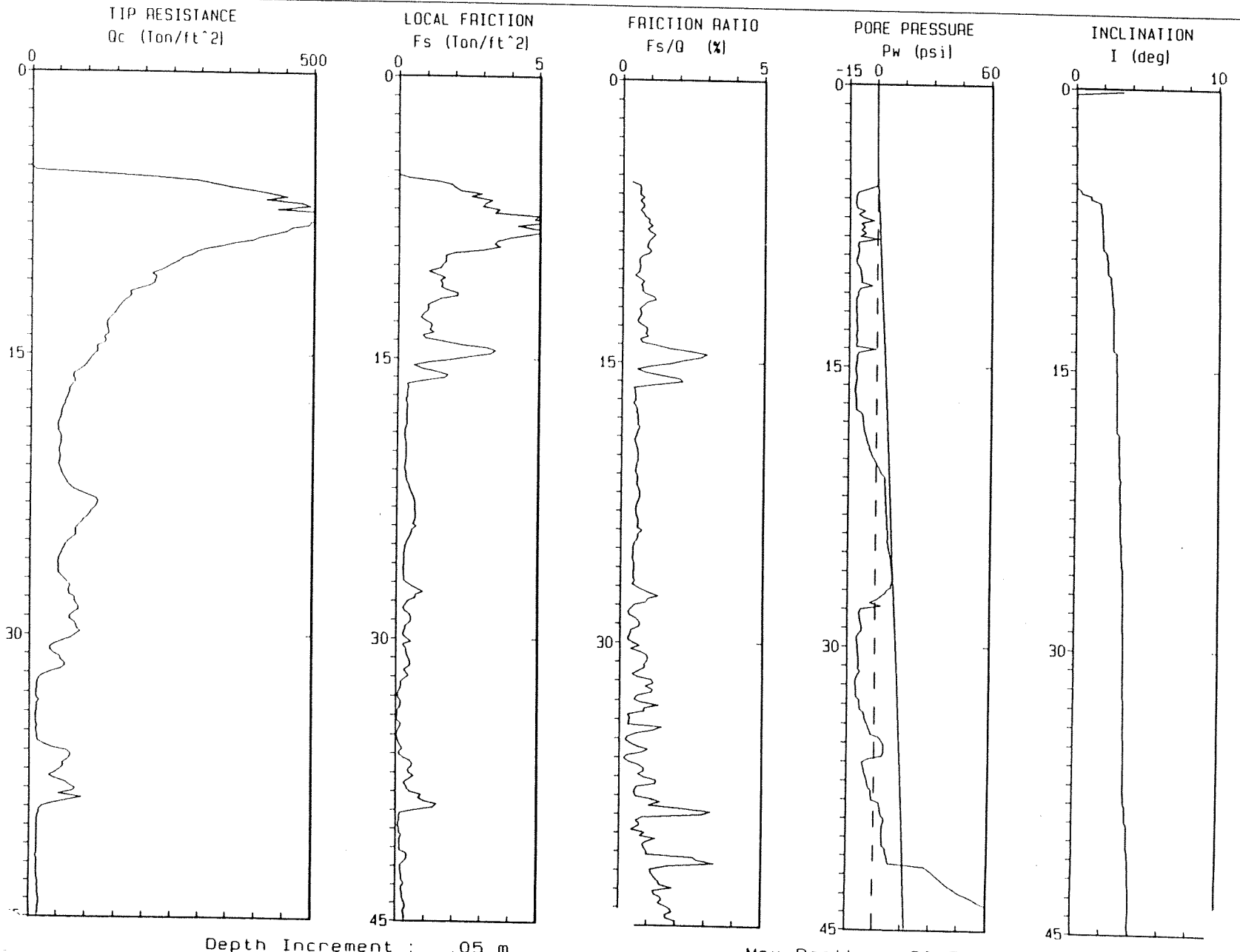
lote: For interpretation purposes the PLOTTED CPT PROFILE should be used with the TABULATED OUTPUT from CPTINTR1 (v 3.04) ****

Williams & Assoc.

Operator : J. MAURER
Location : CPT-Y2

CPT Date : 11-12-97 09:18
Cone Used : 386

Sounding : 111201 Pg 1 / 2
Job No. : C397148



Depth Increment : .05 m

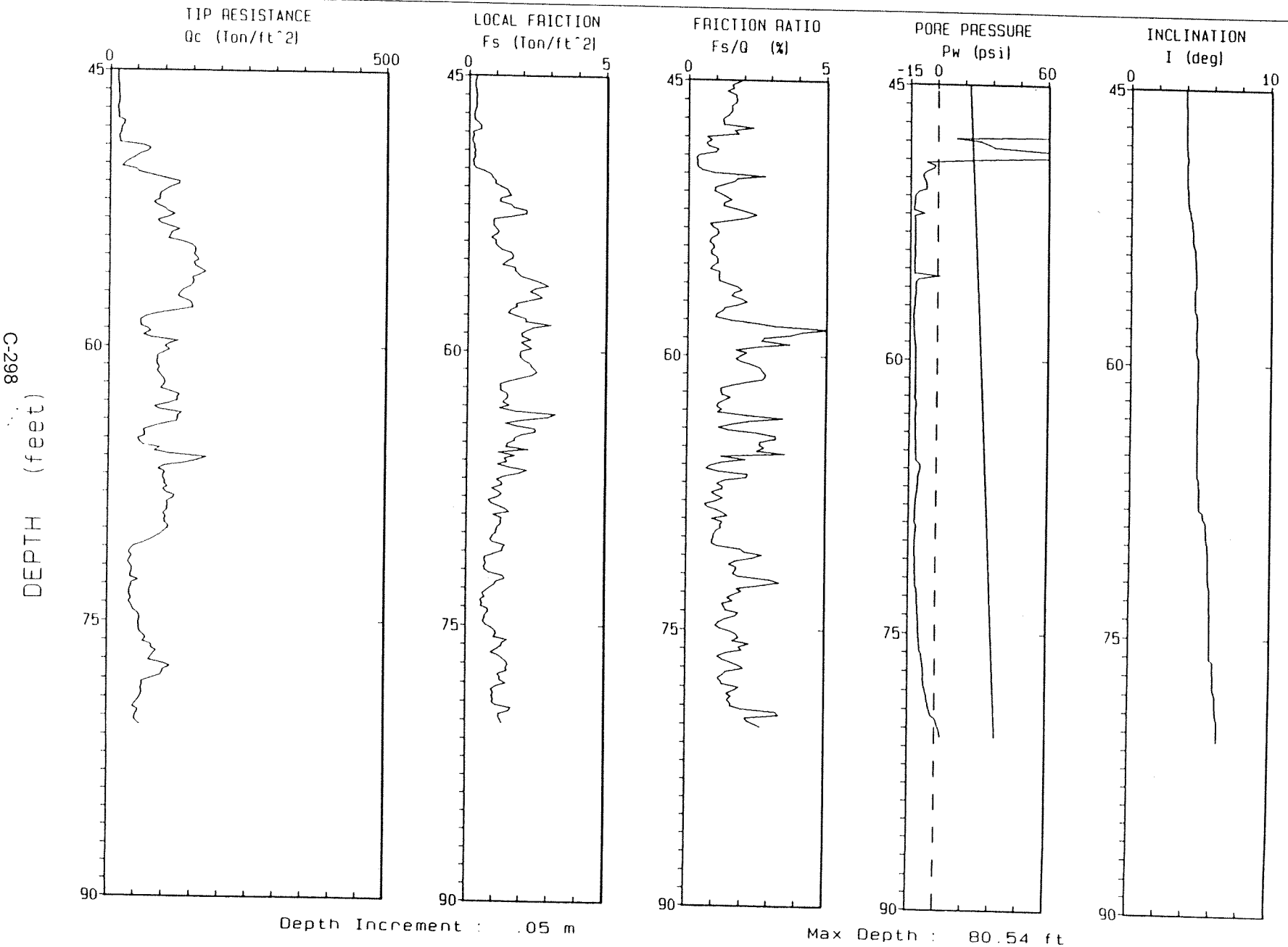
Max Depth : 80.54 ft

Williams & Assoc.

Operator : J. MAURER
Location : CPT-Y2

CPT Date : 11-12-97 09:18
Cone Used : 386

Sounding : 111201 Pg 2 / 2
Job No. : C397148



1 WILLIAMS EARTH SCIENCES INC

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Operator :J. MAURER CPT Date :11-12-97 09:18

Location :CPT-Y2 Cone Used :386

'ob No. :C397148 Water table (feet) :

,ot. Unit Wt. (avg) : 110 pcf

DEPTH (meters)	DEPTH (feet)	Qc (avg) (tsf)	Fs (avg) (tsf)	Rf (avg) (%)	SIGV' (tsf)	SOIL BEHAVIOUR TYPE	Eq - Dr (%)	PHI deg.	SPT N	Su tsf
0.30	1	-0.07	0.00	-6.50	0.03	undefined	UNDFND	UNDFD	UDF	UNDEFINED
0.60	2	0.02	0.00	22.00	0.08	undefined	UNDFND	UNDFD	UDF	UNDEFINED
0.95	3	-0.03	0.00	-12.50	0.14	undefined	UNDFND	UNDFD	UDF	UNDEFINED
1.25	4	-0.07	0.00	-6.00	0.20	undefined	UNDFND	UNDFD	UDF	UNDEFINED
1.55	5	-0.15	0.00	-3.00	0.25	undefined	UNDFND	UNDFD	UDF	UNDEFINED
1.85	6	220.13	1.29	0.59	0.31	sand	>90	>48	42	UNDEFINED
2.15	7	442.15	3.08	0.70	0.34	gravelly sand to sand	>90	>48	>50	UNDEFINED
2.45	8	500.83	4.63	0.92	0.36	gravelly sand to sand	>90	>48	>50	UNDEFINED
2.75	9	416.48	4.06	0.98	0.39	sand	>90	>48	>50	UNDEFINED
3.05	10	290.85	1.92	0.66	0.41	sand	>90	>48	>50	UNDEFINED
3.35	11	227.13	1.42	0.63	0.43	sand	>90	46-48	44	UNDEFINED
3.65	12	188.90	1.68	0.89	0.46	sand	>90	46-48	36	UNDEFINED
3.95	13	152.50	0.94	0.61	0.48	sand	80-90	44-46	29	UNDEFINED
4.25	14	135.28	1.08	0.80	0.50	sand	80-90	44-46	26	UNDEFINED
4.55	15	123.75	2.71	2.19	0.53	silty sand to sandy silt	80-90	44-46	40	UNDEFINED
4.85	16	99.68	1.24	1.24	0.55	sand to silty sand	70-80	42-44	24	UNDEFINED
5.15	17	75.23	0.65	0.86	0.57	sand to silty sand	60-70	42-44	18	UNDEFINED
5.45	18	63.53	0.32	0.50	0.60	sand to silty sand	60-70	40-42	15	UNDEFINED
5.75	19	52.57	0.30	0.58	0.62	sand to silty sand	50-60	40-42	13	UNDEFINED
6.05	20	52.78	0.27	0.52	0.64	sand to silty sand	50-60	40-42	13	UNDEFINED
6.40	21	51.64	0.28	0.55	0.67	sand to silty sand	50-60	38-40	12	UNDEFINI
6.70	22	58.83	0.35	0.59	0.70	sand to silty sand	50-60	40-42	14	UNDEFINED
7.00	23	97.45	0.56	0.58	0.72	sand to silty sand	70-80	42-44	23	UNDEFINED
7.35	24	104.81	0.63	0.60	0.74	sand to silty sand	70-80	42-44	25	UNDEFINED
7.65	25	78.68	0.41	0.52	0.77	sand to silty sand	60-70	40-42	19	UNDEFINED
7.95	26	56.43	0.25	0.45	0.79	sand to silty sand	50-60	38-40	14	UNDEFINED
8.25	27	54.13	0.26	0.47	0.82	sand to silty sand	50-60	38-40	13	UNDEFINED
8.55	28	71.73	0.65	0.90	0.84	sand to silty sand	50-60	40-42	17	UNDEFINED
8.85	29	80.97	0.38	0.47	0.86	sand to silty sand	60-70	40-42	19	UNDEFINED
9.15	30	82.18	0.32	0.39	0.89	sand to silty sand	60-70	40-42	20	UNDEFINED
9.45	31	49.40	0.37	0.74	0.91	silty sand to sandy silt	40-50	38-40	16	UNDEFINED
9.75	32	55.28	0.41	0.74	0.93	sand to silty sand	50-60	38-40	13	UNDEFINED
10.05	33	15.38	0.15	0.95	0.96	sandy silt to clayey silt	UNDFND	UNDFD	6	1.3
10.35	34	13.40	0.10	0.75	0.98	sandy silt to clayey silt	UNDFND	UNDFD	5	1.1
10.65	35	11.92	0.08	0.69	1.00	sandy silt to clayey silt	UNDFND	UNDFD	5	1.0
10.95	36	20.80	0.11	0.54	1.03	silty sand to sandy silt	<40	30-32	7	UNDEFINED
11.25	37	67.27	0.39	0.58	1.05	sand to silty sand	50-60	38-40	16	UNDEFINED
11.55	38	53.83	0.43	0.80	1.07	silty sand to sandy silt	40-50	36-38	17	UNDEFINED

Dr - All sands (Jamiolkowski et al. 1985) PHI - Robertson and Campanella 1983 Su: Nk= 10

** Note: For interpretation purposes the PLOTTED CPT PROFILE should be used with the TABULATED OUTPUT from CPTINTR1 (v 3.04) ****

1 WILLIAMS EARTH SCIENCES INC

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(:rator :J. MAURER Location :CPT-Y2 Page No. 2

DEPTH (:ters)	DEPTH (feet)	Qc (avg) (tsf)	Fs (avg) (tsf)	Rf (avg) (%)	SIGV' (tsf)	SOIL BEHAVIOUR TYPE	Eq - Dr (%)	PHI deg.	SPT N	Su tsf
11.85	39	69.70	0.98	1.41	1.10	silty sand to sandy silt	50-60	38-40	22	UNDEFINED
12.15	40	16.78	0.19	1.15	1.12	sandy silt to clayey silt	UNDFND	UNDFD	6	1.4
12.45	41	13.75	0.13	0.94	1.14	sandy silt to clayey silt	UNDFND	UNDFD	5	1.1
12.80	42	13.61	0.26	1.88	1.17	clayey silt to silty clay	UNDFND	UNDFD	7	1.1
13.10	43	14.27	0.20	1.41	1.19	sandy silt to clayey silt	UNDFND	UNDFD	5	1.1
13.40	44	16.15	0.23	1.43	1.22	sandy silt to clayey silt	UNDFND	UNDFD	6	1.3
13.75	45	16.00	0.29	1.82	1.24	clayey silt to silty clay	UNDFND	UNDFD	8	1.3
14.05	46	14.72	0.24	1.62	1.27	clayey silt to silty clay	UNDFND	UNDFD	7	1.2
14.35	47	15.38	0.23	1.49	1.29	sandy silt to clayey silt	UNDFND	UNDFD	6	1.2
14.65	48	19.70	0.29	1.49	1.32	sandy silt to clayey silt	UNDFND	UNDFD	8	1.7
14.95	49	25.23	0.17	0.66	1.34	silty sand to sandy silt	<40	30-32	8	UNDEFINED
15.25	50	50.62	0.19	0.38	1.36	sand to silty sand	40-50	36-38	12	UNDEFINED
15.55	51	70.83	0.90	1.27	1.39	silty sand to sandy silt	50-60	36-38	23	UNDEFINED
15.85	52	100.65	1.39	1.38	1.41	sand to silty sand	60-70	38-40	24	UNDEFINED
16.15	53	98.88	1.56	1.58	1.43	silty sand to sandy silt	60-70	38-40	32	UNDEFINED
16.45	54	106.42	0.98	0.92	1.46	sand to silty sand	60-70	38-40	25	UNDEFINED
16.75	55	140.55	1.35	0.96	1.48	sand to silty sand	70-80	40-42	34	UNDEFINED
17.05	56	159.90	1.65	1.03	1.50	sand to silty sand	70-80	40-42	38	UNDEFINED
17.35	57	148.22	2.54	1.71	1.53	sand to silty sand	70-80	40-42	35	UNDEFINED
17.65	58	138.37	1.91	1.38	1.55	sand to silty sand	60-70	40-42	33	UNDEFINED
17.95	59	74.05	2.27	3.07	1.57	sandy silt to clayey silt	UNDFND	UNDFD	28	7.0
.25	60	86.88	2.13	2.45	1.60	sandy silt to clayey silt	UNDFND	UNDFD	33	8.3
18.55	61	95.47	2.08	2.18	1.62	silty sand to sandy silt	50-60	38-40	30	UNDEFINED
18.85	62	92.35	2.00	2.17	1.64	silty sand to sandy silt	50-60	38-40	29	UNDEFINED
19.20	63	111.73	1.38	1.23	1.67	sand to silty sand	60-70	38-40	27	UNDEFINED
19.50	64	110.92	2.11	1.90	1.69	silty sand to sandy silt	60-70	38-40	35	UNDEFINED
19.80	65	82.33	2.05	2.48	1.72	sandy silt to clayey silt	UNDFND	UNDFD	32	7.8
20.15	66	91.44	1.57	1.72	1.74	silty sand to sandy silt	50-60	36-38	29	UNDEFINED
20.45	67	115.67	1.56	1.35	1.77	sand to silty sand	60-70	38-40	28	UNDEFINED
20.75	68	102.72	1.17	1.14	1.79	sand to silty sand	50-60	38-40	25	UNDEFINED
21.05	69	110.38	1.14	1.03	1.81	sand to silty sand	60-70	38-40	26	UNDEFINED
21.35	70	104.55	1.18	1.13	1.84	sand to silty sand	50-60	38-40	25	UNDEFINED
21.65	71	78.00	1.15	1.47	1.86	silty sand to sandy silt	50-60	36-38	25	UNDEFINED
21.95	72	40.28	0.74	1.83	1.88	sandy silt to clayey silt	UNDFND	UNDFD	15	3.6
22.25	73	45.70	1.10	2.42	1.91	sandy silt to clayey silt	UNDFND	UNDFD	18	4.1
22.55	74	41.03	0.62	1.51	1.93	silty sand to sandy silt	<40	32-34	13	UNDEFINED
22.85	75	51.92	0.73	1.40	1.95	silty sand to sandy silt	<40	32-34	17	UNDEFINED
23.15	76	61.58	1.16	1.89	1.98	silty sand to sandy silt	40-50	34-36	20	UNDEFINED
23.45	77	79.08	1.24	1.57	2.00	silty sand to sandy silt	40-50	36-38	25	UNDEFINED
23.75	78	97.87	1.38	1.41	2.03	sand to silty sand	50-60	36-38	23	UNDEFINED
24.05	79	65.60	1.10	1.67	2.05	silty sand to sandy silt	40-50	34-36	21	UNDEFINED
24.35	80	54.05	1.30	2.40	2.07	sandy silt to clayey silt	UNDFND	UNDFD	21	4.9

Dr - All sands (Jamiolkowski et al. 1985) PHI - Robertson and Campanella 1983 Su: Nk= 10

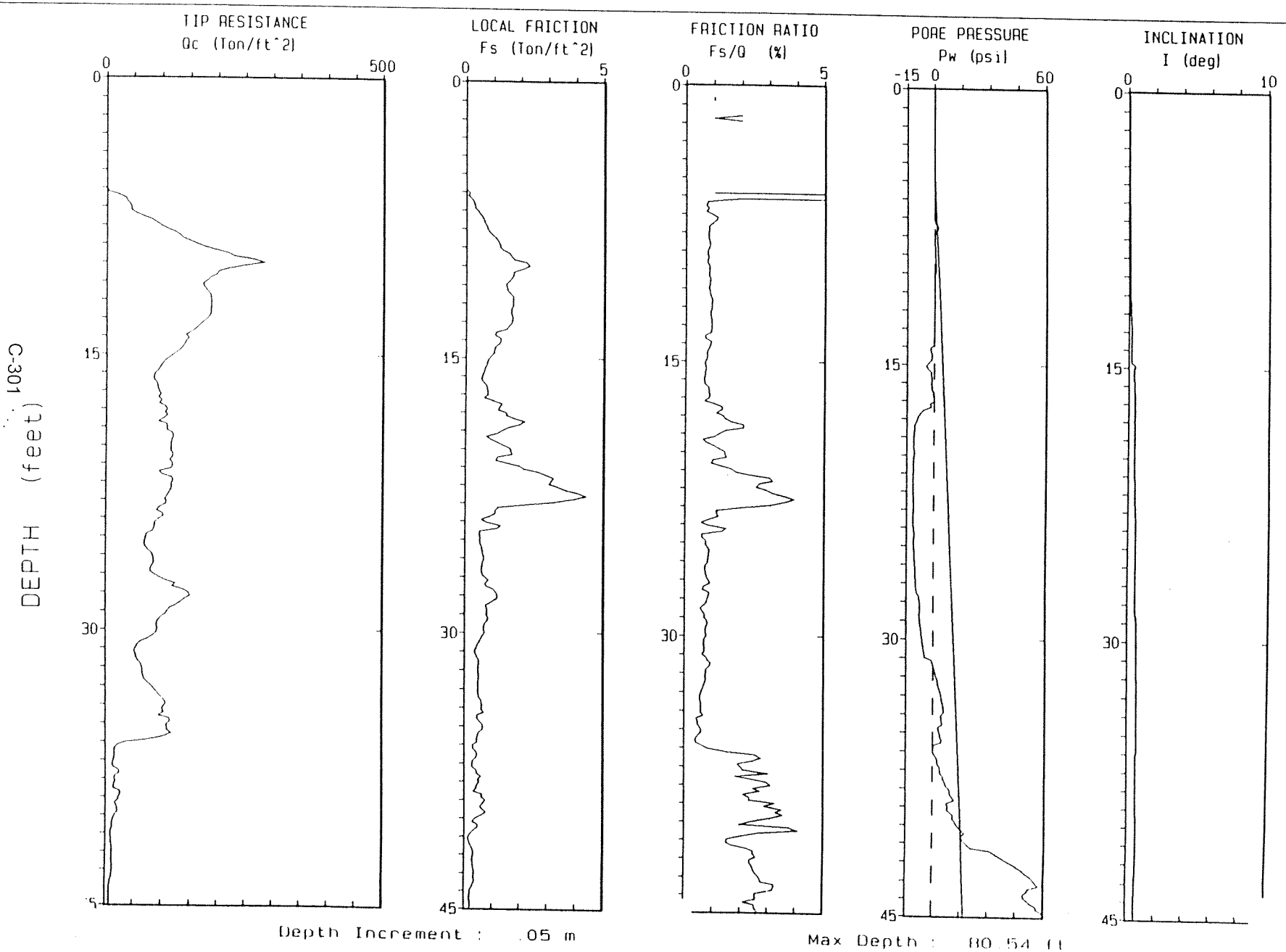
Note: For interpretation purposes the PLOTTED CPT PROFILE should be used with the TABULATED OUTPUT from CPTINTR1 (v 3.04) ****

Williams & Assoc.

Operator : J. MAURER
Location : CPT-Y5

CPT Date : 11-03-97 12:46
Cone Used : 386

Sounding : 110301 Pg 1 / 2
Job No. : C397148



Depth Increment : .05 m

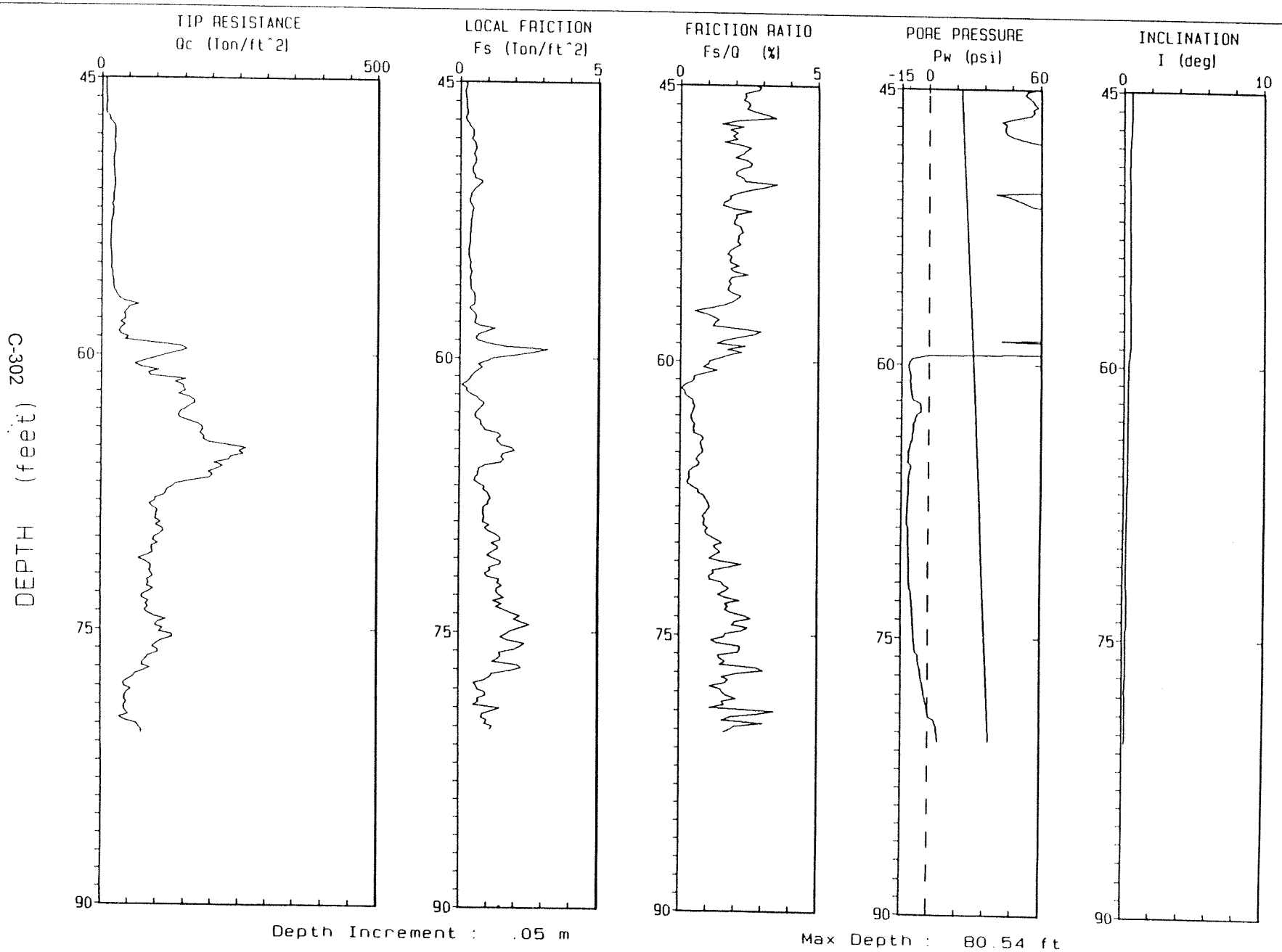
Max Depth : 80.54 ft

Williams & Assoc.

Operator : J. MAURER
Location : CPT-Y5

CPT Date : 11-03-97 12:46
Cone Used : 386

Sounding : 110301 Pg 2 / 2
Job No. : C397148



Depth Increment : .05 m

Max Depth : 80.54 ft

1 WILLIAMS EARTH SCIENCES INC

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Operator :J. MAURER CPT Date :11-03-97 12:46

Location :CPT-Y5 Cone Used :386

Job No. :C397148 Water table (feet) :

Est. Unit Wt. (avg) : 110 pcf

DEPTH (meters)	DEPTH (feet)	Qc (avg) (tsf)	Fs (avg) (tsf)	Rf (avg) (%)	SIGV' (tsf)	SOIL BEHAVIOUR TYPE	Eq - Dr (%)	PHI deg.	SPT N	Su tsf
0.30	1	0.12	0.00	0.43	0.03	undefined	UNDFND	UNDFD	UDF	UNDEFINED
0.60	2	0.10	0.00	0.67	0.08	undefined	UNDFND	UNDFD	UDF	UNDEFINED
0.95	3	0.13	0.00	0.00	0.14	undefined	UNDFND	UNDFD	UDF	UNDEFINED
1.25	4	0.10	0.00	0.17	0.20	undefined	UNDFND	UNDFD	UDF	UNDEFINED
1.55	5	0.12	0.00	0.14	0.25	undefined	UNDFND	UNDFD	UDF	UNDEFINED
1.85	6	0.12	0.02	16.14	0.31	undefined	UNDFND	UNDFD	UDF	UNDEFINED
2.15	7	30.65	0.25	0.81	0.34	silty sand to sandy silt	40-50	40-42	10	UNDEFINED
2.45	8	72.47	0.65	0.89	0.36	sand to silty sand	70-80	44-46	17	UNDEFINED
2.75	9	133.53	1.08	0.81	0.39	sand to silty sand	80-90	46-48	32	UNDEFINED
3.05	10	227.23	1.80	0.79	0.41	sand	>90	>48	44	UNDEFINED
3.35	11	204.68	1.70	0.83	0.43	sand	>90	46-48	39	UNDEFINED
3.65	12	179.92	1.60	0.89	0.46	sand	>90	46-48	34	UNDEFINED
3.95	13	185.55	1.66	0.90	0.48	sand	>90	46-48	36	UNDEFINED
4.25	14	160.67	1.34	0.83	0.50	sand	>90	44-46	31	UNDEFINED
4.55	15	136.80	1.07	0.78	0.53	sand	80-90	44-46	26	UNDEFINED
4.85	16	103.03	0.71	0.69	0.55	sand to silty sand	70-80	42-44	25	UNDEFINED
5.15	17	88.73	0.69	0.77	0.57	sand to silty sand	70-80	42-44	21	UNDEFINED
5.45	18	97.95	1.02	1.04	0.60	sand to silty sand	70-80	42-44	23	UNDEFINED
5.75	19	105.48	1.73	1.64	0.62	silty sand to sandy silt	70-80	42-44	34	UNDEFINED
6.05	20	115.63	1.12	0.97	0.64	sand to silty sand	70-80	42-44	28	UNDEFINED
6.40	21	116.89	1.52	1.30	0.67	sand to silty sand	70-80	42-44	28	UNDEFINED
6.70	22	111.58	2.84	2.55	0.70	silty sand to sandy silt	70-80	42-44	36	UNDEFINED
7.00	23	112.57	3.78	3.36	0.72	sandy silt to clayey silt	UNDFND	UNDFD	43	11.1
7.35	24	100.26	1.10	1.09	0.74	sand to silty sand	70-80	42-44	24	UNDEFINED
7.65	25	81.77	0.76	0.93	0.77	sand to silty sand	60-70	40-42	20	UNDEFINED
7.95	26	75.80	0.62	0.82	0.79	sand to silty sand	60-70	40-42	18	UNDEFINED
8.25	27	83.88	0.64	0.76	0.82	sand to silty sand	60-70	40-42	20	UNDEFINED
8.55	28	122.40	0.95	0.78	0.84	sand to silty sand	70-80	42-44	29	UNDEFINED
8.85	29	128.83	0.87	0.67	0.86	sand	70-80	42-44	25	UNDEFINED
9.15	30	95.53	0.74	0.77	0.89	sand to silty sand	60-70	40-42	23	UNDEFINED
9.45	31	70.83	0.49	0.69	0.91	sand to silty sand	50-60	38-40	17	UNDEFINED
9.75	32	57.77	0.47	0.81	0.93	sand to silty sand	50-60	38-40	14	UNDEFINED
10.05	33	70.80	0.49	0.70	0.96	sand to silty sand	50-60	38-40	17	UNDEFINED
10.35	34	96.75	0.55	0.57	0.98	sand to silty sand	60-70	40-42	23	UNDEFINED
10.65	35	105.40	0.57	0.54	1.00	sand to silty sand	60-70	40-42	25	UNDEFINED
10.95	36	103.92	0.52	0.51	1.03	sand to silty sand	60-70	40-42	25	UNDEFINED
11.25	37	20.12	0.36	1.80	1.05	sandy silt to clayey silt	UNDFND	UNDFD	8	1.8
11.55	38	17.73	0.42	2.36	1.07	clayey silt to silty clay	UNDFND	UNDFD	8	1.5

Dr - All sands (Jamiolkowski et al. 1985) PHI - Robertson and Campanella 1983 Su: Nk= 10

**** Note: For interpretation purposes the PLOTTED CPT PROFILE should be used with the TABULATED OUTPUT from CPTINTR1 (v 3.04) ****

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(:rator :J. MAURER Location :CPT-Y5

DEPTH (:ters)	(feet)	Qc (avg) (tsf)	Fs (avg) (tsf)	Rf (avg) (%)	SIGV' (tsf)	SOIL BEHAVIOUR TYPE	Eq - Dr (%)	PHI deg.	SPT N	Su tsf
11.85	39	19.70	0.49	2.48	1.10	clayey silt to silty clay	UNDFND	UNDFD	9	1.7
12.15	40	20.85	0.68	3.25	1.12	clayey silt to silty clay	UNDFND	UNDFD	10	1.8
12.45	41	12.78	0.36	2.81	1.14	silty clay to clay	UNDFND	UNDFD	8	1.0
12.80	42	10.67	0.22	2.09	1.17	clayey silt to silty clay	UNDFND	UNDFD	5	.8
13.10	43	12.50	0.31	2.47	1.19	clayey silt to silty clay	UNDFND	UNDFD	6	1.0
13.40	44	10.47	0.31	2.94	1.22	silty clay to clay	UNDFND	UNDFD	7	.8
13.75	45	7.96	0.20	2.55	1.24	silty clay to clay	UNDFND	UNDFD	5	.5
14.05	46	8.00	0.20	2.45	1.27	silty clay to clay	UNDFND	UNDFD	5	.5
14.35	47	9.18	0.22	2.40	1.29	silty clay to clay	UNDFND	UNDFD	6	.6
14.65	48	21.45	0.41	1.92	1.32	sandy silt to clayey silt	UNDFND	UNDFD	8	1.8
14.95	49	23.40	0.53	2.28	1.34	sandy silt to clayey silt	UNDFND	UNDFD	9	2.0
15.25	50	21.67	0.49	2.26	1.36	clayey silt to silty clay	UNDFND	UNDFD	10	1.8
15.55	51	23.12	0.59	2.56	1.39	clayey silt to silty clay	UNDFND	UNDFD	11	2.0
15.85	52	20.92	0.39	1.88	1.41	sandy silt to clayey silt	UNDFND	UNDFD	8	1.8
16.15	53	18.92	0.39	2.07	1.43	clayey silt to silty clay	UNDFND	UNDFD	9	1.6
16.45	54	16.87	0.34	2.02	1.46	clayey silt to silty clay	UNDFND	UNDFD	8	1.3
16.75	55	17.58	0.32	1.85	1.48	clayey silt to silty clay	UNDFND	UNDFD	8	1.4
17.05	56	19.28	0.37	1.91	1.50	sandy silt to clayey silt	UNDFND	UNDFD	7	1.6
17.35	57	25.28	0.47	1.87	1.53	sandy silt to clayey silt	UNDFND	UNDFD	10	2.2
17.65	58	48.63	0.49	1.01	1.55	silty sand to sandy silt	<40	34-36	16	UNDEFINED
17.95	59	37.35	0.78	2.09	1.57	sandy silt to clayey silt	UNDFND	UNDFD	14	3.4
'8.25	60	105.07	1.87	1.78	1.60	silty sand to sandy silt	60-70	38-40	34	UNDEFINED
3.55	61	88.97	0.81	0.91	1.62	sand to silty sand	50-60	38-40	21	UNDEFINED
18.85	62	126.40	0.26	0.21	1.64	sand	60-70	38-40	24	UNDEFINED
19.20	63	157.49	0.68	0.43	1.67	sand	70-80	40-42	30	UNDEFINED
19.50	64	157.47	0.73	0.47	1.69	sand	70-80	40-42	30	UNDEFINED
19.80	65	192.93	1.51	0.78	1.72	sand	70-80	40-42	37	UNDEFINED
20.15	66	238.13	1.40	0.59	1.74	sand	80-90	42-44	46	UNDEFINED
20.45	67	184.13	0.67	0.36	1.77	sand	70-80	40-42	35	UNDEFINED
20.75	68	113.00	1.02	0.90	1.79	sand to silty sand	60-70	38-40	27	UNDEFINED
21.05	69	97.70	0.87	0.89	1.81	sand to silty sand	50-60	38-40	23	UNDEFINED
21.35	70	106.38	1.23	1.16	1.84	sand to silty sand	50-60	38-40	25	UNDEFINED
21.65	71	94.40	1.24	1.31	1.86	sand to silty sand	50-60	36-38	23	UNDEFINED
21.95	72	85.43	1.20	1.41	1.88	silty sand to sandy silt	50-60	36-38	27	UNDEFINED
22.25	73	89.47	1.43	1.60	1.91	silty sand to sandy silt	50-60	36-38	29	UNDEFINED
22.55	74	81.32	1.56	1.92	1.93	silty sand to sandy silt	50-60	36-38	26	UNDEFINED
22.85	75	103.13	2.20	2.13	1.95	silty sand to sandy silt	50-60	36-38	33	UNDEFINED
23.15	76	111.83	1.94	1.73	1.98	silty sand to sandy silt	60-70	38-40	36	UNDEFINED
23.45	77	87.85	1.67	1.90	2.00	silty sand to sandy silt	50-60	36-38	28	UNDEFINED
23.75	78	62.68	1.05	1.67	2.03	silty sand to sandy silt	40-50	34-36	20	UNDEFINED
24.05	79	46.70	0.75	1.61	2.05	silty sand to sandy silt	<40	32-34	15	UNDEFINED
24.35	80	43.65	1.05	2.40	2.07	sandy silt to clayey silt	UNDFND	UNDFD	17	3.9

Dr - All sands (Jamiolkowski et al. 1985) PHI - Robertson and Campanella 1983 Su: Nk= 10

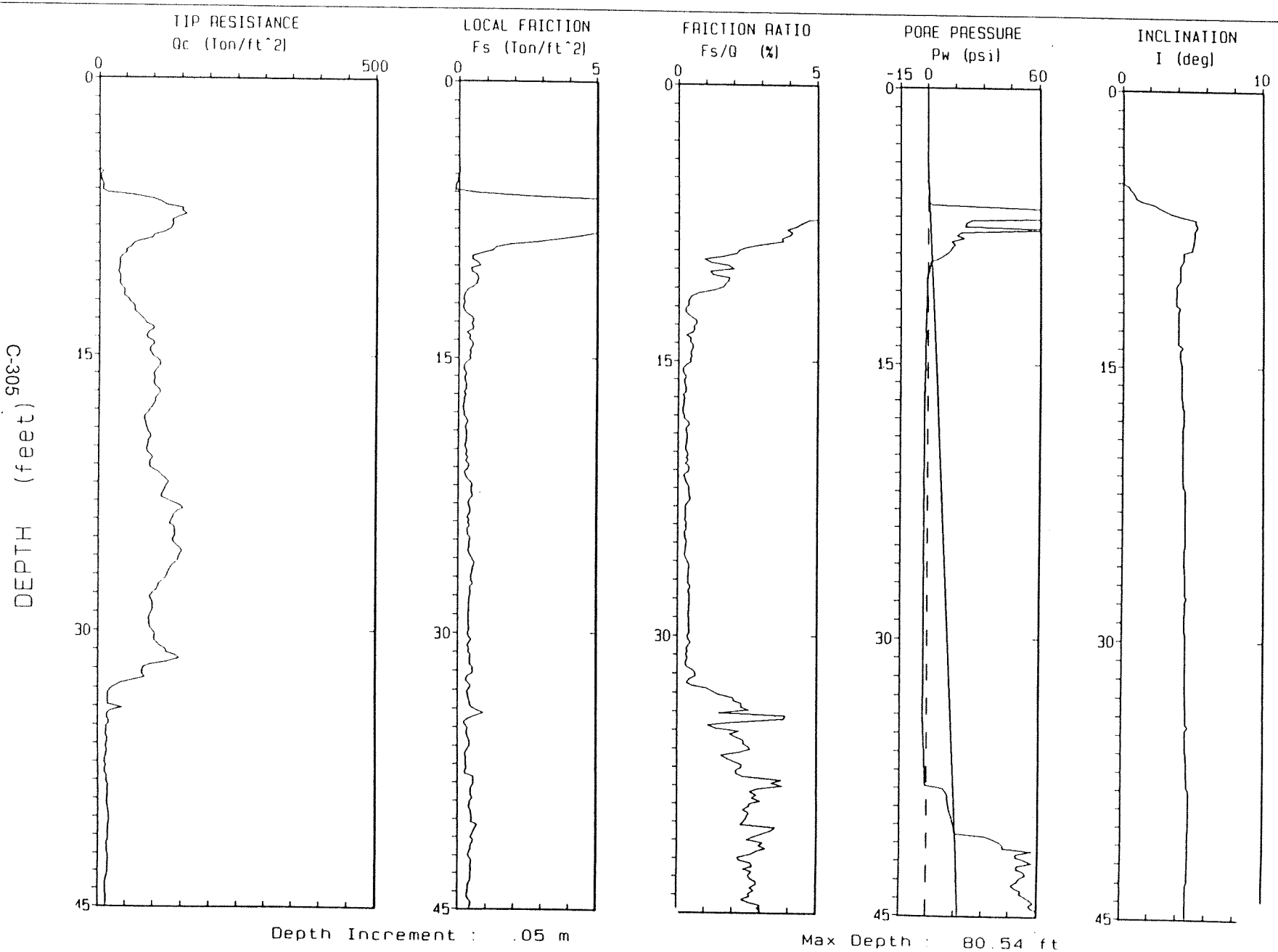
Note: For interpretation purposes the PLOTTED CPT PROFILE should be used with the TABULATED OUTPUT from CPTINTR1 (v 3.04) ****

Williams & Assoc.

Operator : J. MAURER
Location : CPT -Y6

CPT Date : 11-04-97 08:17
Cone Used : 386

Sounding : 110401 Pg 1 / 2
Job No. : C397148



C-305

Depth Increment : .05 m

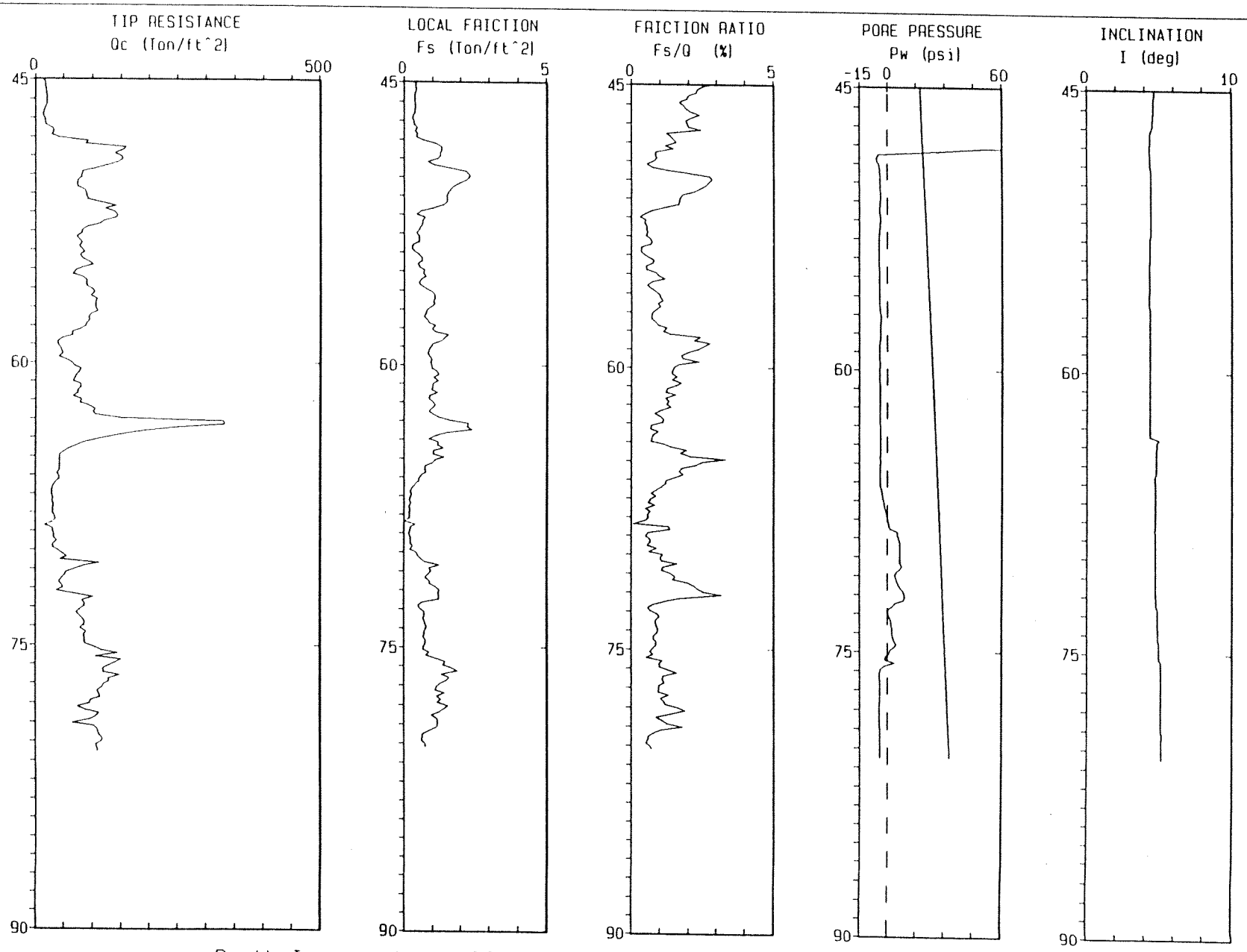
Max Depth : 80.54 ft

Williams & Assoc.

Operator : J. MAURER
Location : CPT -Y6

CPT Date : 11-04-97 08:17
Cone Used : 386

Sounding : 110401 Pg 2 / 2
Job No. : C397148



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Operator :J. MAURER CPT Date :11-04-97 08:17

Location :CPT -Y6 Cone Used :386

Job No. :C397148 Water table (feet) :

Tot. Unit Wt. (avg) : 110 pcf

DEPTH (meters)	DEPTH (feet)	Qc (avg) (tsf)	Fs (avg) (tsf)	Rf (avg) (%)	SIGV' (tsf)	SOIL BEHAVIOUR TYPE	Eq - Dr (%)	PHI deg.	SPT N	Su tsf
0.30	1	0.05	-0.00	-0.33	0.03	undefined	UNDFND	UNDFD	UDF	UNDEFINED
0.60	2	0.08	-0.00	-1.00	0.08	undefined	UNDFND	UNDFD	UDF	UNDEFINED
0.95	3	0.06	-0.00	-0.75	0.14	undefined	UNDFND	UNDFD	UDF	UNDEFINED
1.25	4	0.07	-0.00	-1.00	0.20	undefined	UNDFND	UNDFD	UDF	UNDEFINED
1.55	5	1.22	0.00	0.14	0.25	sensitive fine grained	UNDFND	UNDFD	1	9.6
1.85	6	4.83	0.03	0.68	0.31	sensitive fine grained	UNDFND	UNDFD	2	.4
2.15	7	94.32	7.02	7.44	0.34	very stiff fine grained (*)	UNDFND	UNDFD	>50	UNDEFINED
2.45	8	141.93	6.46	4.55	0.36	very stiff fine grained (*)	UNDFND	UNDFD	>50	UNDEFINED
2.75	9	96.68	3.24	3.35	0.39	sandy silt to clayey silt	UNDFND	UNDFD	37	9.6
3.05	10	45.25	0.73	1.60	0.41	silty sand to sandy silt	50-60	40-42	14	UNDEFINED
3.35	11	37.13	0.57	1.55	0.43	sandy silt to clayey silt	UNDFND	UNDFD	14	3.6
3.65	12	45.03	0.25	0.56	0.46	silty sand to sandy silt	50-60	40-42	14	UNDEFINED
3.95	13	67.07	0.30	0.45	0.48	sand to silty sand	60-70	42-44	16	UNDEFINED
4.25	14	91.33	0.41	0.45	0.50	sand to silty sand	70-80	42-44	22	UNDEFINED
4.55	15	95.28	0.44	0.46	0.53	sand to silty sand	70-80	42-44	23	UNDEFINED
4.85	16	106.52	0.26	0.25	0.55	sand	70-80	42-44	20	UNDEFINED
5.15	17	102.75	0.23	0.23	0.57	sand	70-80	42-44	20	UNDEFINED
5.45	18	103.98	0.19	0.18	0.60	sand	70-80	42-44	20	UNDEFINED
5.75	19	86.78	0.25	0.29	0.62	sand to silty sand	60-70	42-44	21	UNDEFINED
6.05	20	91.43	0.27	0.30	0.64	sand	70-80	42-44	18	UNDEFINED
6.40	21	92.50	0.31	0.33	0.67	sand	70-80	42-44	18	UNDEFIN
6.70	22	111.67	0.33	0.29	0.70	sand	70-80	42-44	21	UNDEFINED
7.00	23	119.62	0.44	0.37	0.72	sand	70-80	42-44	23	UNDEFINED
7.35	24	140.71	0.38	0.27	0.74	sand	80-90	42-44	27	UNDEFINED
7.65	25	136.42	0.37	0.27	0.77	sand	70-80	42-44	26	UNDEFINED
7.95	26	144.92	0.41	0.28	0.79	sand	80-90	42-44	28	UNDEFINED
8.25	27	132.60	0.51	0.38	0.82	sand	70-80	42-44	25	UNDEFINED
8.55	28	109.40	0.45	0.41	0.84	sand	70-80	42-44	21	UNDEFINED
8.85	29	97.42	0.38	0.39	0.86	sand	60-70	40-42	19	UNDEFINED
9.15	30	94.28	0.37	0.39	0.89	sand to silty sand	60-70	40-42	23	UNDEFINED
9.45	31	108.47	0.39	0.36	0.91	sand	70-80	40-42	21	UNDEFINED
9.75	32	119.20	0.46	0.38	0.93	sand	70-80	42-44	23	UNDEFINED
10.05	33	64.30	0.39	0.61	0.96	sand to silty sand	50-60	38-40	15	UNDEFINED
10.35	34	18.78	0.39	2.10	0.98	clayey silt to silty clay	UNDFND	UNDFD	9	1.6
10.65	35	23.38	0.51	2.19	1.00	sandy silt to clayey silt	UNDFND	UNDFD	9	2.1
10.95	36	15.87	0.36	2.28	1.03	clayey silt to silty clay	UNDFND	UNDFD	8	1.3
11.25	37	14.65	0.31	2.10	1.05	clayey silt to silty clay	UNDFND	UNDFD	7	1.2
11.55	38	13.53	0.37	2.73	1.07	clayey silt to silty clay	UNDFND	UNDFD	6	1.1

Dr - All sands (Jamiolkowski et al. 1985) PHI - Robertson and Campanella 1983 Su: Nk= 10

(*) overconsolidated or cemented

Note: For interpretation purposes the PLOTTED CPT PROFILE should be used with the TABULATED OUTPUT from CPTINTR1 (v 3.04) ****

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C :rator :J. MAURER Location :CPT -Y6 Page No. 2

DEPTH (ters)	(feet)	Qc (avg) (tsf)	Fs (avg) (tsf)	Rf (avg) (%)	SIGV' (tsf)	SOIL BEHAVIOUR TYPE	Eq - Dr (%)	PHI deg.	SPT N	Su tsf
11.85	39	16.72	0.50	2.97	1.10	clayey silt to silty clay	UNDFND	UNDFD	8	1.4
12.15	40	17.20	0.43	2.52	1.12	clayey silt to silty clay	UNDFND	UNDFD	8	1.5
12.45	41	19.13	0.55	2.88	1.14	clayey silt to silty clay	UNDFND	UNDFD	9	1.6
12.80	42	16.60	0.46	2.76	1.17	clayey silt to silty clay	UNDFND	UNDFD	8	1.4
13.10	43	17.98	0.46	2.55	1.19	clayey silt to silty clay	UNDFND	UNDFD	9	1.5
13.40	44	14.95	0.41	2.73	1.22	clayey silt to silty clay	UNDFND	UNDFD	7	1.2
13.75	45	14.44	0.39	2.72	1.24	clayey silt to silty clay	UNDFND	UNDFD	7	1.1
14.05	46	19.52	0.39	1.99	1.27	sandy silt to clayey silt	UNDFND	UNDFD	7	1.7
14.35	47	16.75	0.34	2.05	1.29	clayey silt to silty clay	UNDFND	UNDFD	8	1.4
14.65	48	28.27	0.45	1.60	1.32	sandy silt to clayey silt	UNDFND	UNDFD	11	2.5
14.95	49	130.78	1.25	0.95	1.34	sand to silty sand	70-80	40-42	31	UNDEFINED
15.25	50	115.77	1.72	1.49	1.36	sand to silty sand	60-70	40-42	28	UNDEFINED
15.55	51	79.53	1.77	2.22	1.39	silty sand to sandy silt	50-60	38-40	25	UNDEFINED
15.85	52	116.63	1.08	0.93	1.41	sand to silty sand	60-70	40-42	28	UNDEFINED
16.15	53	115.23	0.59	0.52	1.43	sand	60-70	40-42	22	UNDEFINED
16.45	54	79.00	0.41	0.52	1.46	sand to silty sand	50-60	38-40	19	UNDEFINED
16.75	55	87.85	0.59	0.67	1.48	sand to silty sand	50-60	38-40	21	UNDEFINED
17.05	56	81.45	0.65	0.80	1.50	sand to silty sand	50-60	38-40	20	UNDEFINED
17.35	57	103.88	1.02	0.99	1.53	sand to silty sand	60-70	38-40	25	UNDEFINED
17.65	58	98.48	0.83	0.85	1.55	sand to silty sand	50-60	38-40	24	UNDEFINED
17.95	59	63.65	1.22	1.92	1.57	silty sand to sandy silt	40-50	36-38	20	UNDEFINED
'8.25	60	45.72	0.90	1.96	1.60	sandy silt to clayey silt	UNDFND	UNDFD	18	4.2
3.55	61	71.58	1.09	1.52	1.62	silty sand to sandy silt	50-60	36-38	23	UNDEFINED
18.85	62	73.23	0.98	1.34	1.64	silty sand to sandy silt	50-60	36-38	23	UNDEFINED
19.20	63	101.96	1.11	1.09	1.67	sand to silty sand	50-60	38-40	24	UNDEFINED
19.50	64	233.60	1.74	0.74	1.69	sand	80-90	42-44	45	UNDEFINED
19.80	65	68.88	1.20	1.74	1.72	silty sand to sandy silt	40-50	36-38	22	UNDEFINED
20.15	66	41.91	0.77	1.83	1.74	sandy silt to clayey silt	UNDFND	UNDFD	16	3.8
20.45	67	32.12	0.29	0.92	1.77	silty sand to sandy silt	<40	30-32	10	UNDEFINED
20.75	68	30.82	0.19	0.61	1.79	silty sand to sandy silt	<40	30-32	10	UNDEFINED
21.05	69	29.63	0.19	0.64	1.81	silty sand to sandy silt	<40	30-32	9	UNDEFINED
21.35	70	34.18	0.26	0.75	1.84	silty sand to sandy silt	<40	30-32	11	UNDEFINED
21.65	71	69.27	0.81	1.17	1.86	silty sand to sandy silt	40-50	36-38	22	UNDEFINED
21.95	72	47.82	0.95	1.98	1.88	sandy silt to clayey silt	UNDFND	UNDFD	18	4.3
22.25	73	77.38	0.89	1.15	1.91	sand to silty sand	50-60	36-38	19	UNDEFINED
22.55	74	80.63	0.72	0.90	1.93	sand to silty sand	50-60	36-38	19	UNDEFINED
22.85	75	85.62	0.71	0.83	1.95	sand to silty sand	50-60	36-38	21	UNDEFINED
23.15	76	127.18	1.05	0.83	1.98	sand to silty sand	60-70	38-40	30	UNDEFINED
23.45	77	128.68	1.53	1.19	2.00	sand to silty sand	60-70	38-40	31	UNDEFINED
23.75	78	111.08	1.21	1.09	2.03	sand to silty sand	50-60	38-40	27	UNDEFINED
24.05	79	95.30	1.25	1.31	2.05	sand to silty sand	50-60	36-38	23	UNDEFINED
24.35	80	102.98	0.84	0.81	2.07	sand to silty sand	50-60	36-38	25	UNDEFINED

Dr - All sands (Jamiolkowski et al. 1985) PHI - Robertson and Campanella 1983 Su: Nk= 10

Note: For interpretation purposes the PLOTTED CPT PROFILE should be used with the TABULATED OUTPUT from CPTINTR1 (v 3.04) ****

CPTINTR1 version 3.04

written by JAMES GREIG

CPTINTR1 is a highly interactive program to provide basic interpretation of CONE PENETRATION TEST (CPT) data. It was written at the University of British Columbia, Vancouver Canada and is compatible with the data format of the Hogentogler & Co. Field Computer Systems. The interpretation methods used provide an estimate of the following soil parameters (appropriate references are given below):

1) Soil Behaviour Type: - Robertson and Campanella 1983

2) Equivalent Relative Density :
   - I) Ticino Sand - Bellotti et al. 1985
   - ii) Hokksund Sand - Bellotti et al. 1985
   - iii) Ottawa / Hilton Mines Sands - Schmertmann 1976
   - iv) All Sands (average) - Jamiolkowski et al. 1985

3) Angle of Internal Friction
   - I) Robertson and Campanella 1983
   - ii) Durgunoglu and Mitchell 1975
   - iii) Janbu and Senneset 1974 - Beta= +15, 0, and -15 degrees

4) Equivalent SPT N value - Robertson et al. 1983

5) Corrected SPT N_1 value - $N_1=C_n*N$ (where $C_n=\sigma'^{-.7}$ and σ is in Kg/cm^2)

6) Cyclic Stress Ratio (CSR) to cause liquefaction (M = 7.5) - Seed et al. (1983)

7) Undrained Shear Strength (S_u) - $S_u=(Q_c-\sigma_V)/N_k$ where σ_V is the total overburden stress

TABULATED DATA is based on values averaged over a specified depth range and thus the influence of extreme values may be subdued. The ENGINEER should be using the tabulated output ONLY AS A GUIDE for the interpretation of the PLOTTED CPT DATA. It is important that the engineer fully understand the limitations of the CPT test.

IMPORTANT NOTE

It is believed that the calculations performed by the routine are done correctly and reliably. However, no responsibility is assumed by either the University of British Columbia or the author for any errors that may occur with the use of this program. It is also left up to the engineer to decide which, if any, of the correlation techniques are applicable to the specific soil conditions.

REFERENCES

1) Bellotti, R., Crippa, V., Pedroni, S., Baldi, G., Fretti, C., Ostricati, D., Ghionna, V., Jamiolkowski, M., Pasqalini, E.,1985, "Laboratory Validation Of In-Situ Tests", Italian Geotechnical Society Jubilee Volume for the XI ICSMFE, San Francisco, Cal.

2) Durgunoglu, H.T. and Mitchell, J.K., 1975, "Static Penetration Resistance of Soils: I-Analysis", Proceedings of the ASCE Specialty Conference on In-Situ Measurement of Soil Properties, Raleigh, North Carolina, Vol. I.

3) Janbu, N. and Senneset, K., 1974,. "Effective Stress Interpretation of In Situ Static Penetratuion Tests", Proceedings of the European Symposium on Penetration Testing, Stockholm Sweden, Vol. 2.2.

4) Jamiolkowski, M., Ladd, C.C., Germaine, J.T., Lancellotta, R., 1985,"New Developments in Field and Laboratory Testing of Soils", State of the Art Adress for XIth ICSMFE, San Francisco.

5) Robertson, P.K. and Campanella, R.G., 1983, "Interpretation of Cone Penetration Tests - PART I (SAND)", Canadian Geotechnical Journal, Vol. 20, No. 4.

6) Robertson, P.K., Campanella, R.G., and Wightman, A., 1983, "SPT - CPT Correlations", Journal of the Geotechnical Division, ASCE, Vol. 109, Nov.

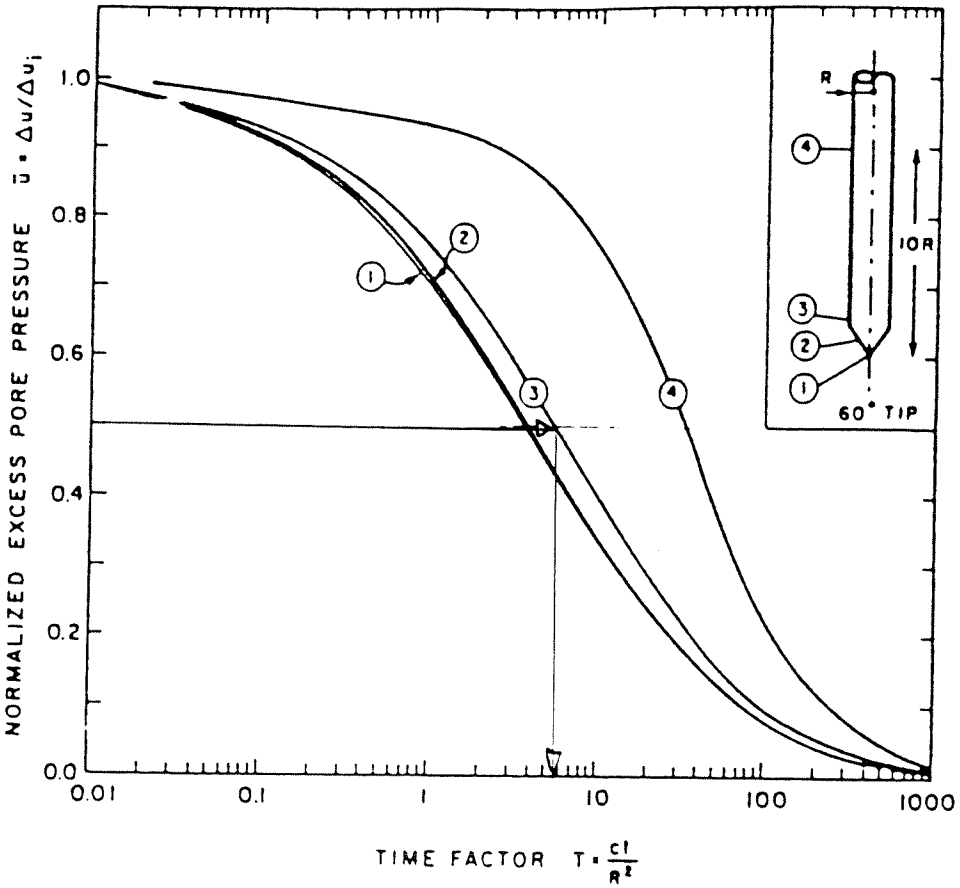
7) Schmertmann, J.H., 1976, "An updated Correlation between Relative Density, Dr and Fugro-type Electric Cone Bearing, q_c" Department of Civil Engineering Report, University of Florida, July.

8) Seed, H.B., Idriss, I.M. and Arango, I., 1983, "Evaluation of Liquefaction Potential Using Field Performance Data", Journal of Geotechnical Engineering Division, ASCE, Vol. 109, No. 3, March 1983, pp. 458-482.

Coefficient of Consolidation from Piezocone Dissipation Tests

$$C_h = \frac{T_{50}}{t_{50}} * R^2$$

C_h = Horizontal Coefficient of Consolidation
T_{50} = Time Factor from Graph Below = 5.6
(Levadoux and Baligh, ASCE, July 1986)
T_{50} = time to 50% Consolidation
R = Radius of Cone = $(1.785)^2$



Dissipation Curves for 60° Cone According to Linear Isotropic Uncoupled Solutions

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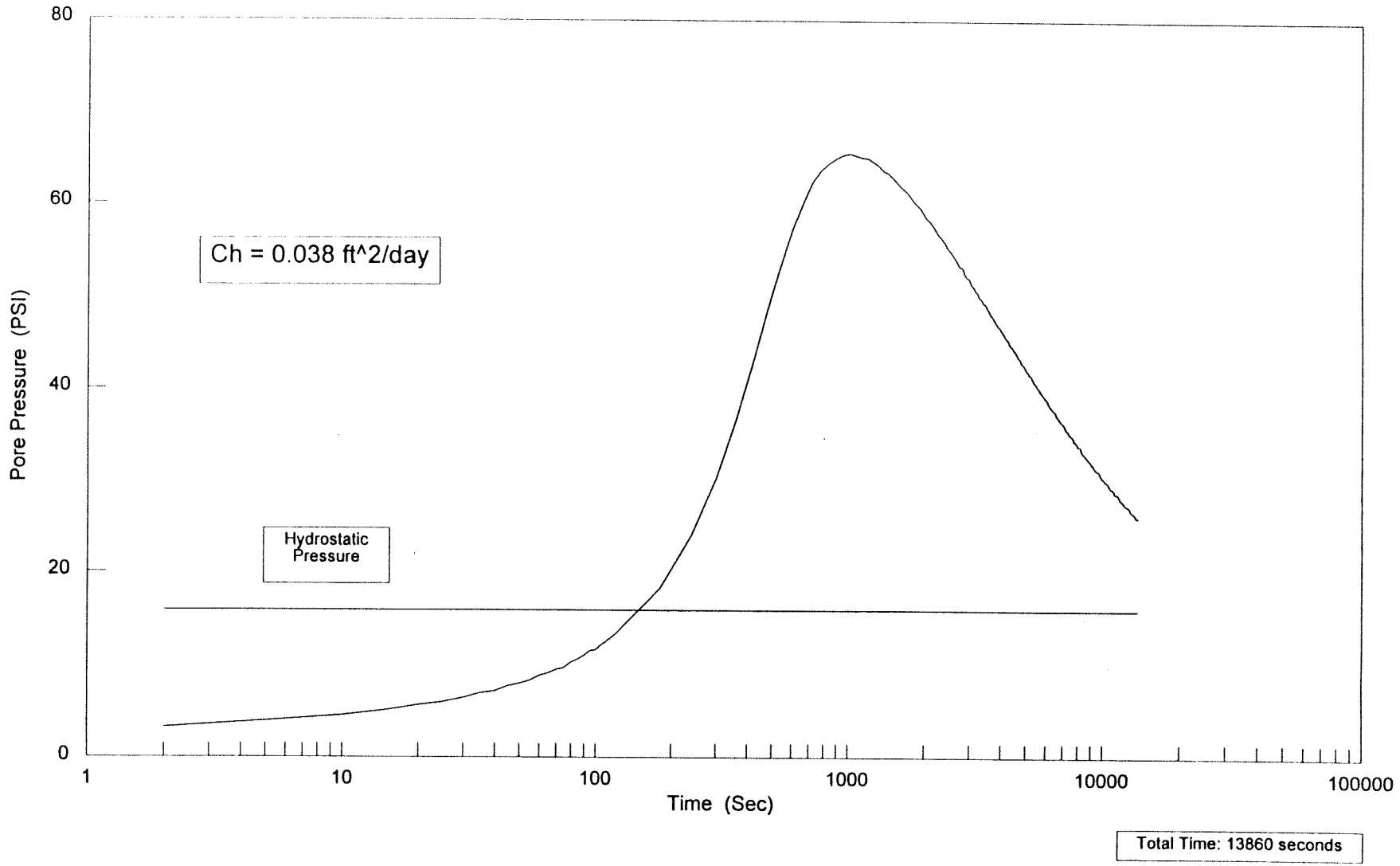
Pore Pressure Dissipation Test

Location 1 - 40.7 feet in depth



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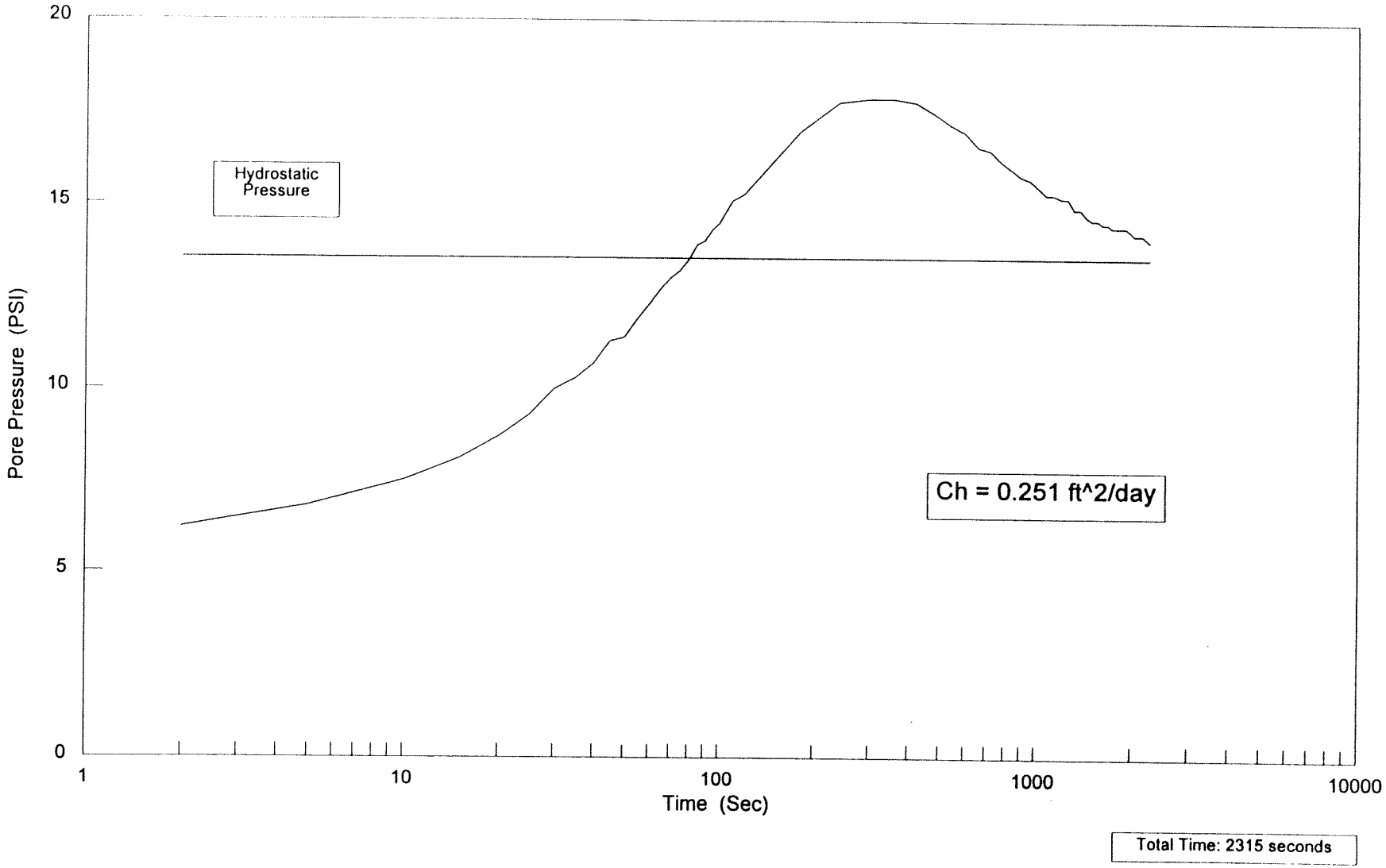
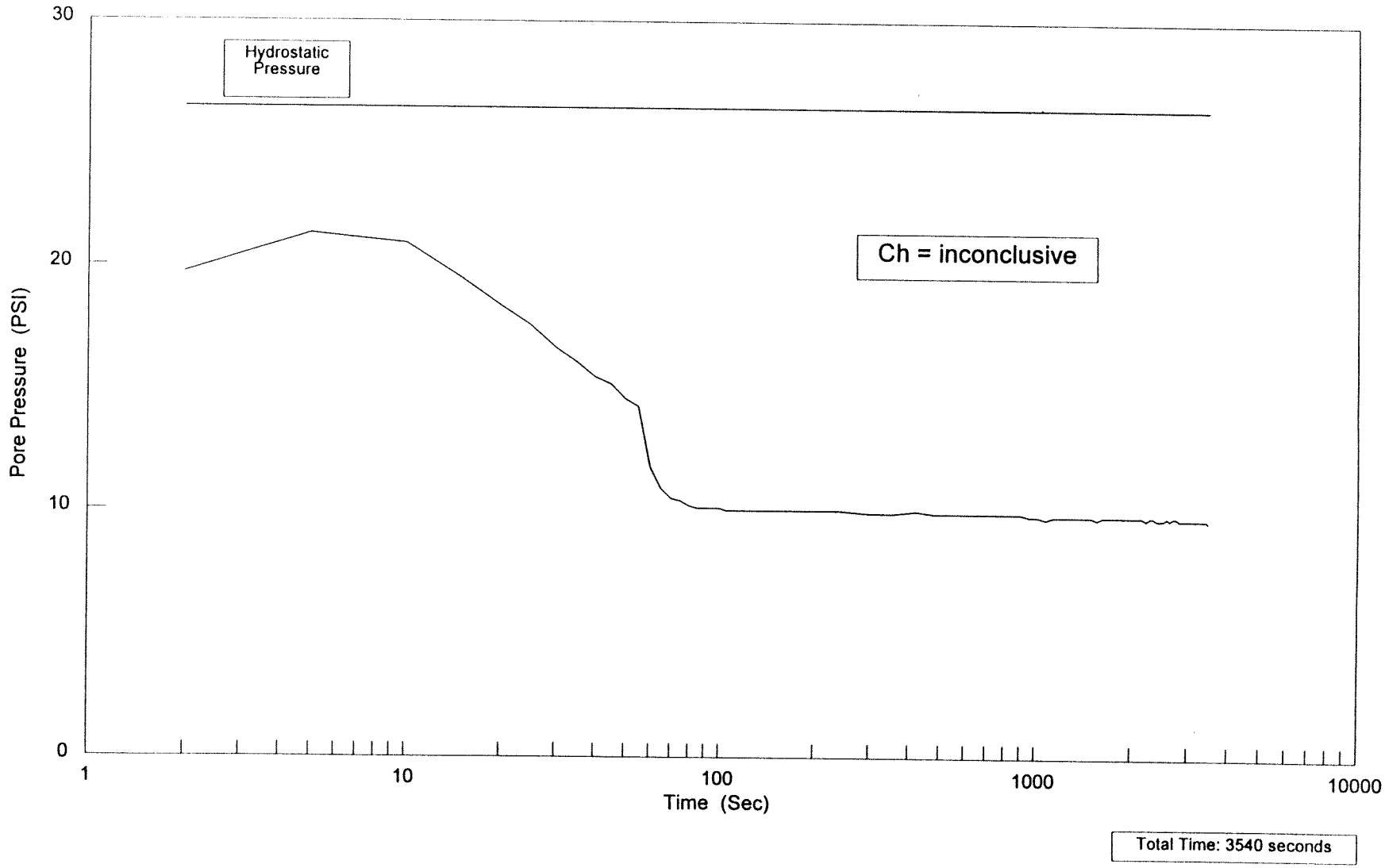
Pore Pressure Dissipation Test

Location 2 - 36.7 feet in depth



Pore Pressure Dissipation Test

Location 2 - 66.6 feet in depth



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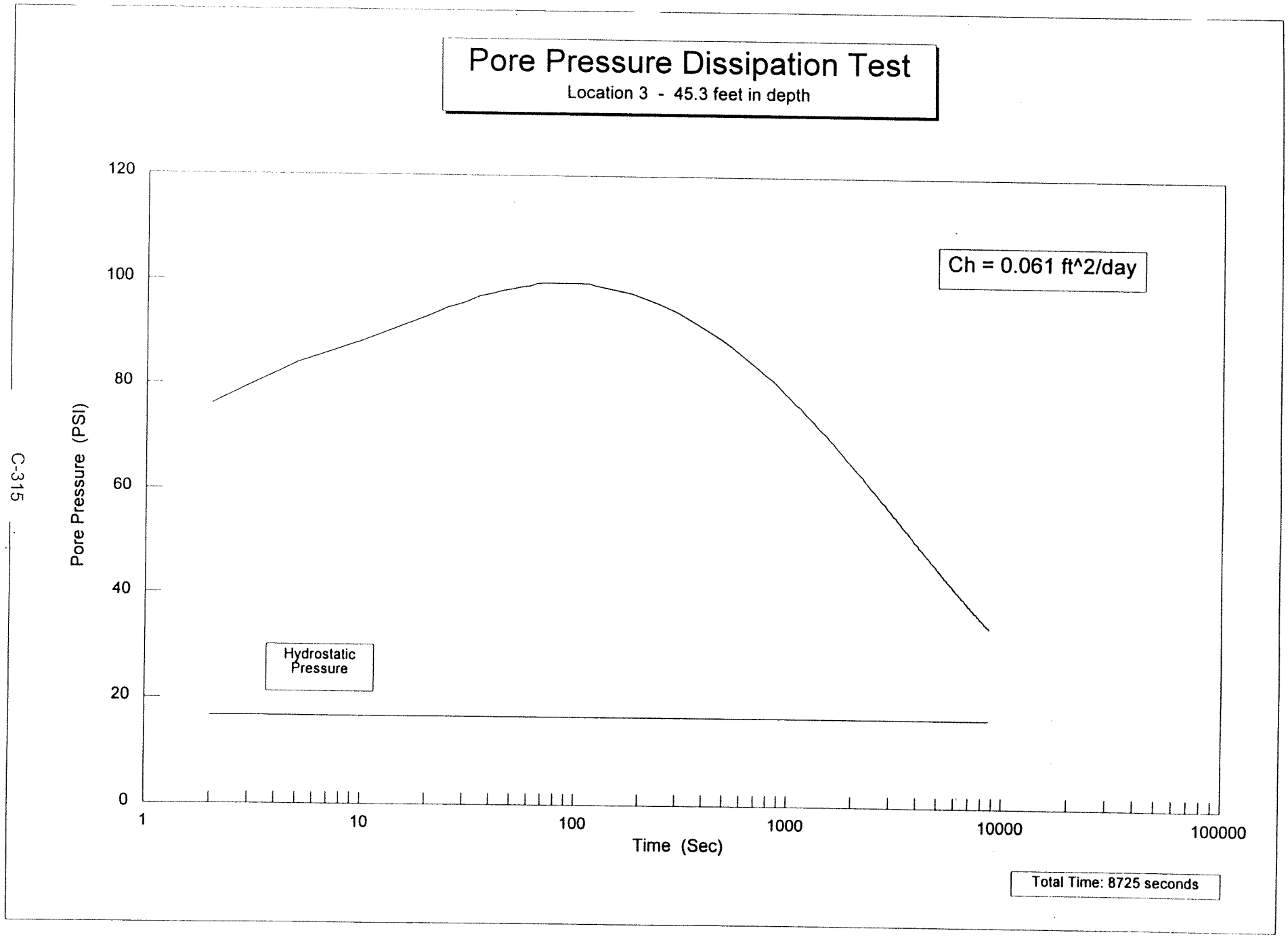
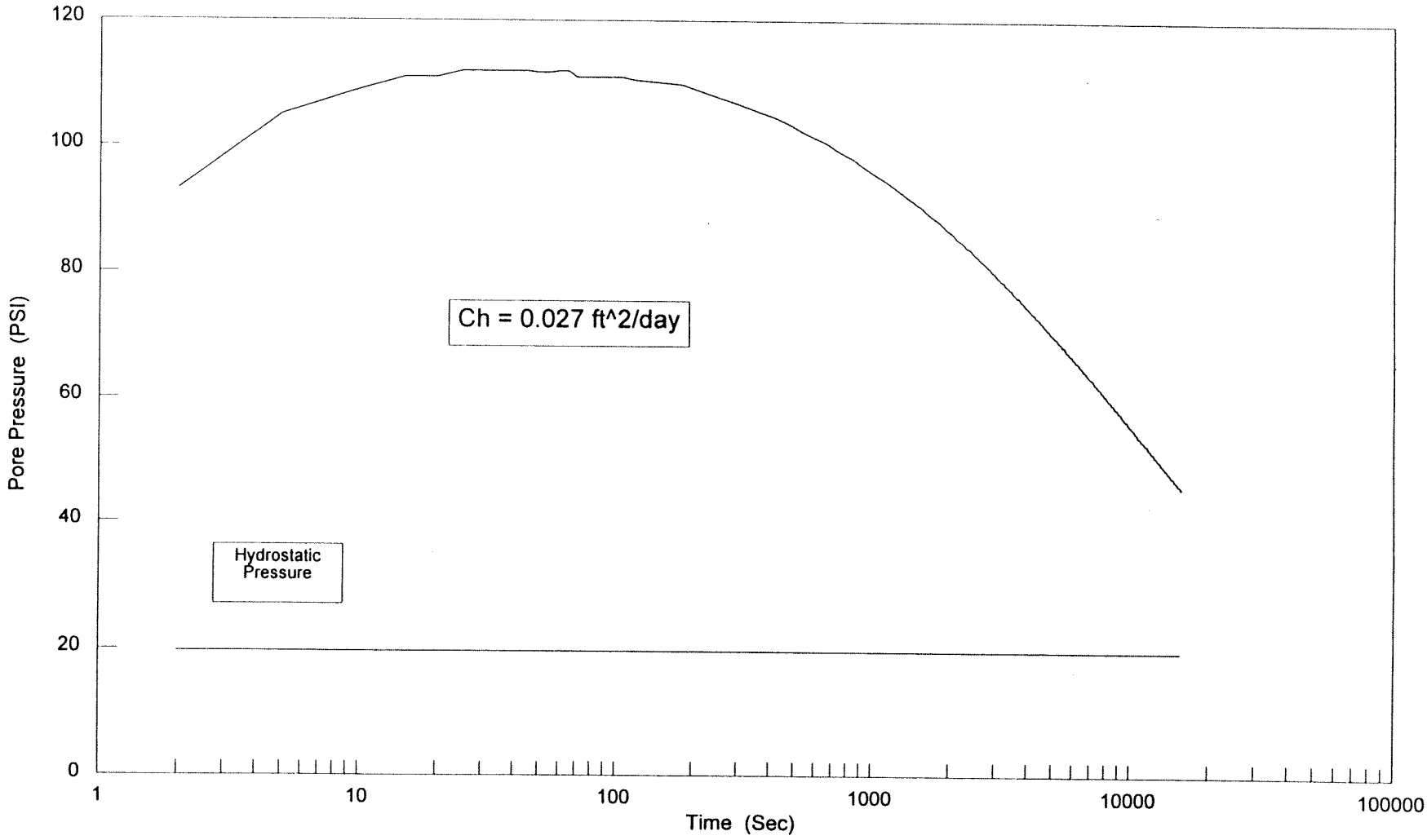

Pore Pressure Dissipation Test
Location 3 - 45.3 feet in depth
Ch = 0.061 ft^2/day
Pore Pressure (PSI)
120
100
80
60
40
20
0
Hydrostatic Pressure
1
10
100
1000
10000
100000
Time (Sec)
Total Time: 8725 seconds

Pore Pressure Dissipation Test

Location 3 - 52.5 feet in depth



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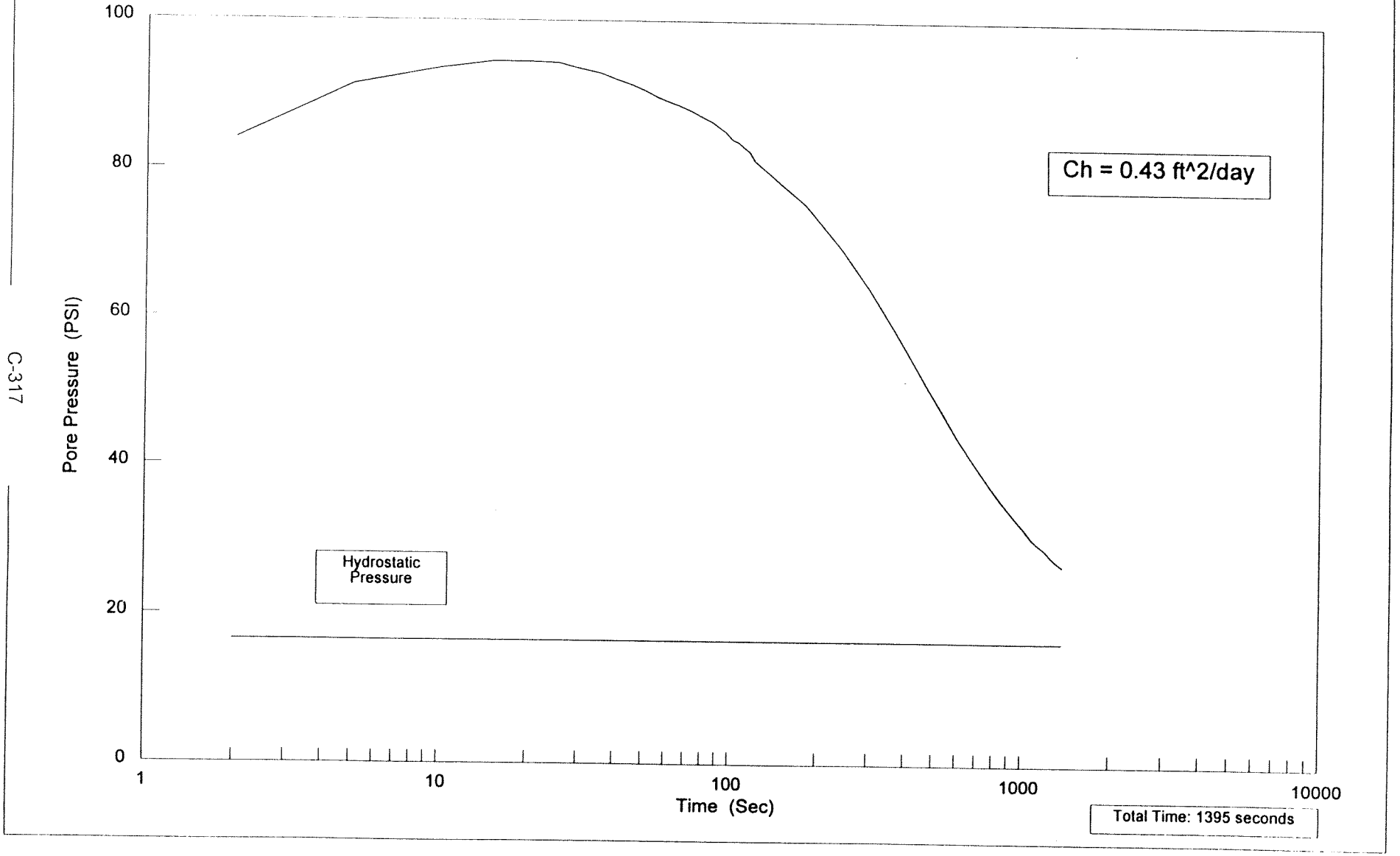
Pore Pressure Dissipation Test

Location 4 - 42.5 feet in depth



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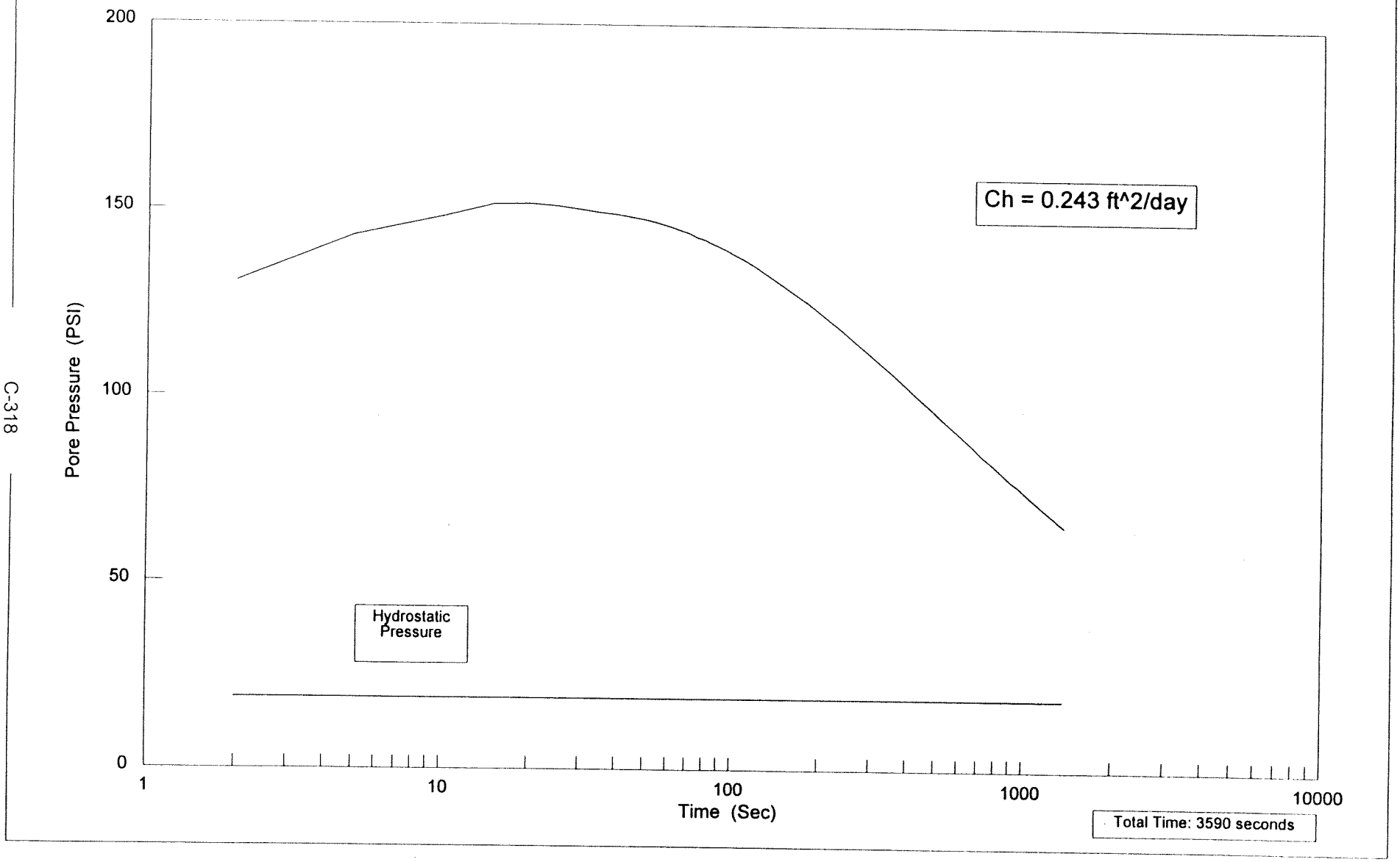
Pore Pressure Dissipation Test

Location 4 - 48.5 feet in depth



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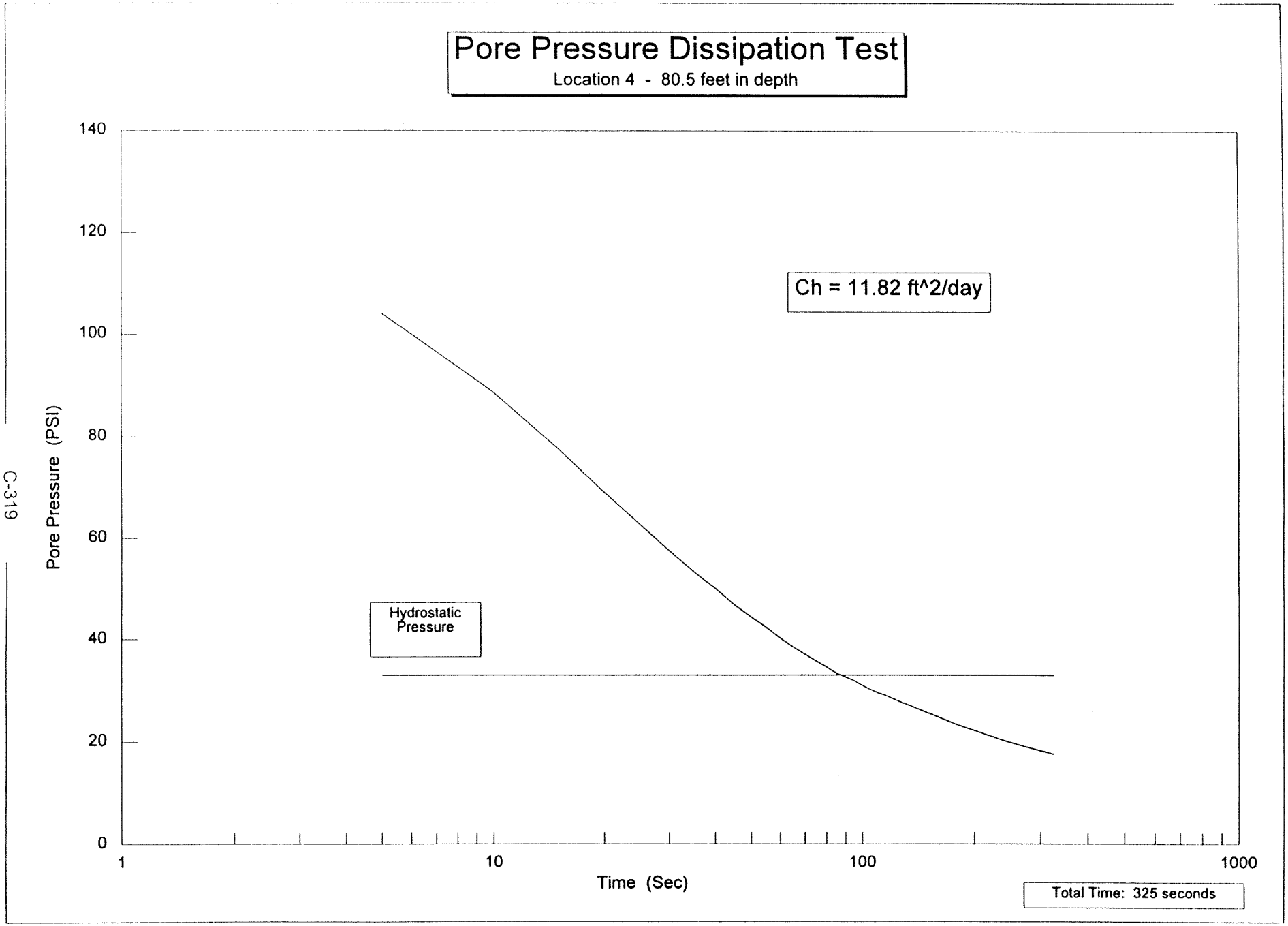
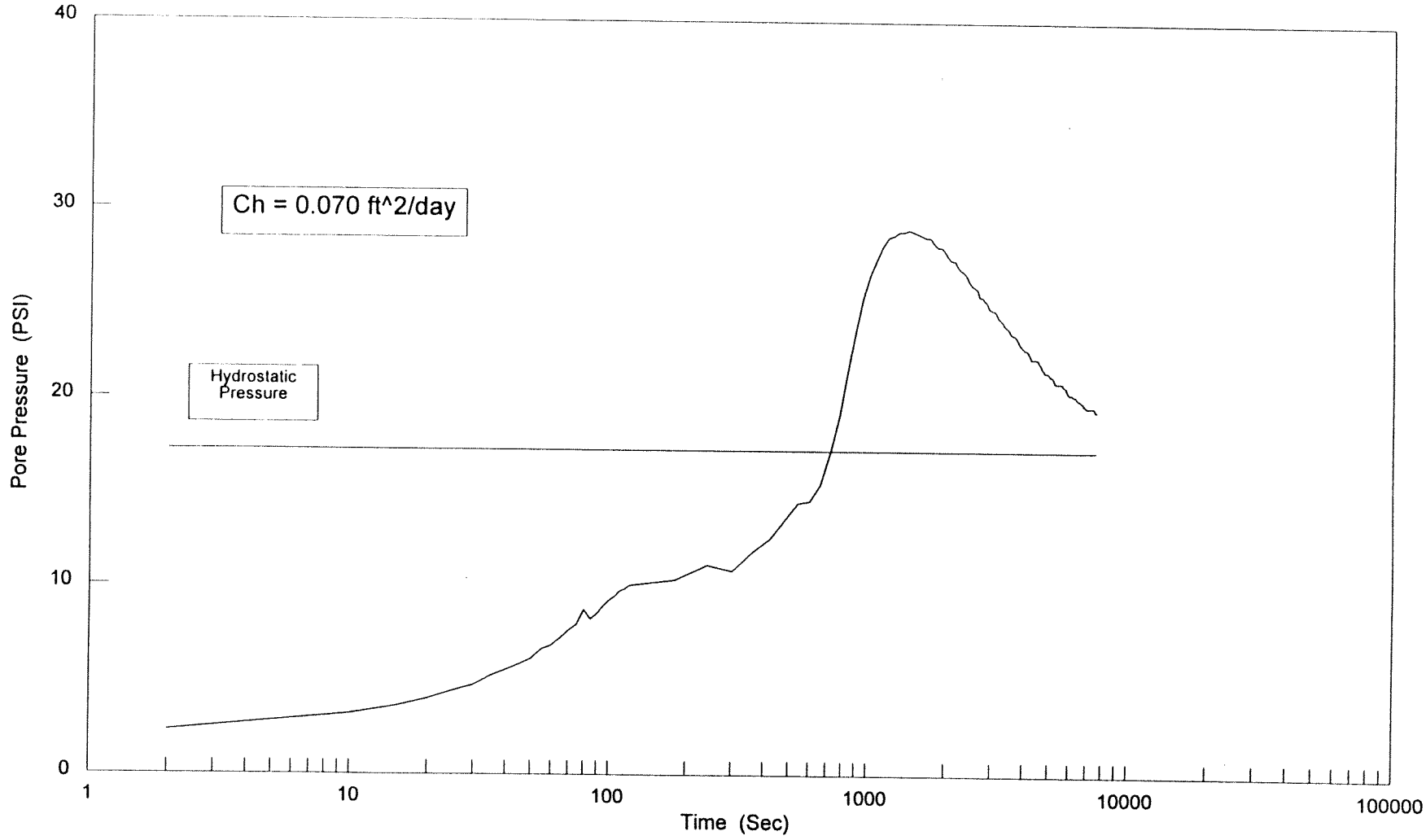

Pore Pressure Dissipation Test
Location 4 - 80.5 feet in depth
Ch = 11.82 ft^2/day
Hydrostatic Pressure
Pore Pressure (PSI)
Time (Sec)
Total Time: 325 seconds
140
120
100
80
60
40
20
0
1
10
100
1000

Pore Pressure Dissipation Test

Location 5 - 44.5 feet in depth



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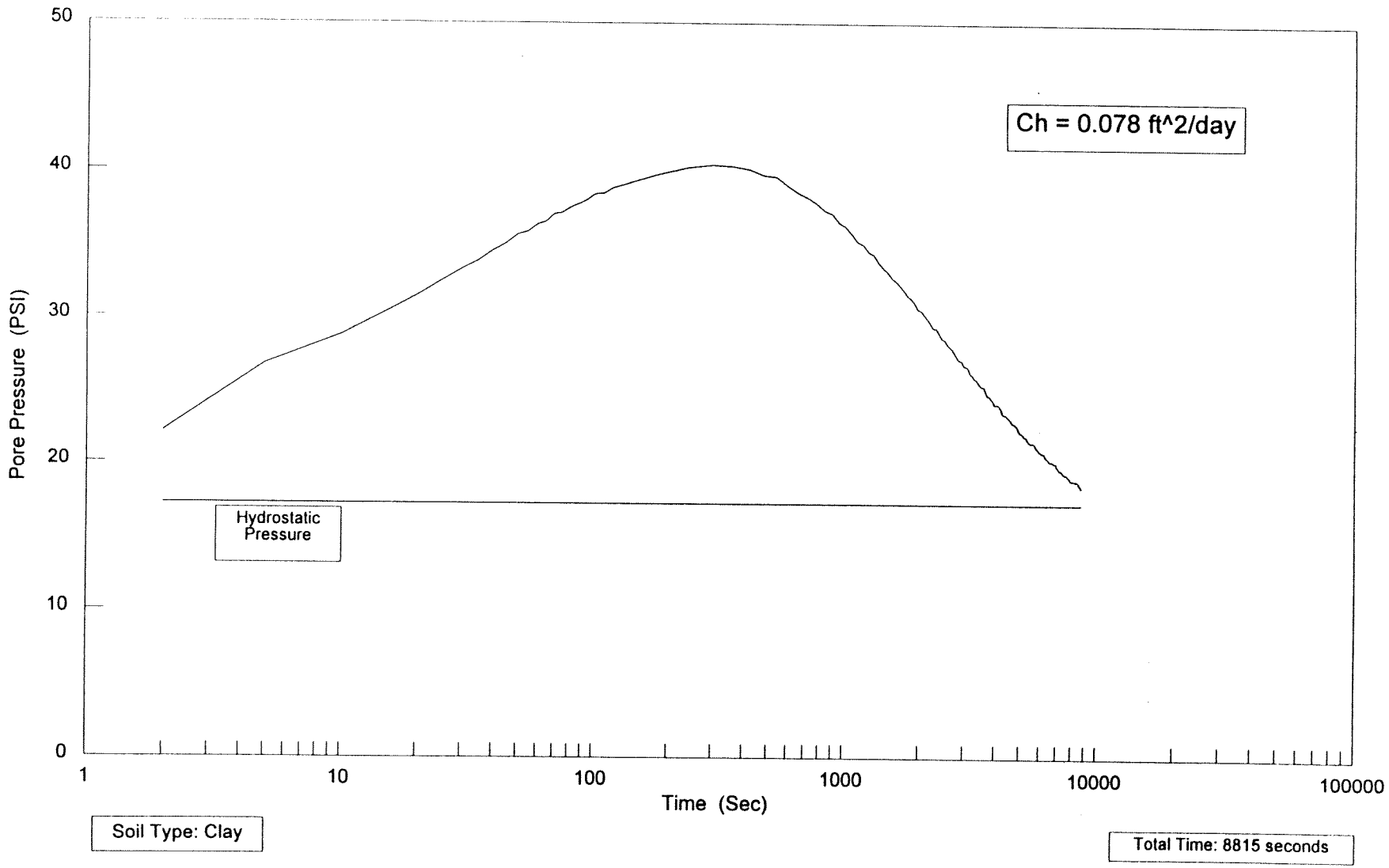
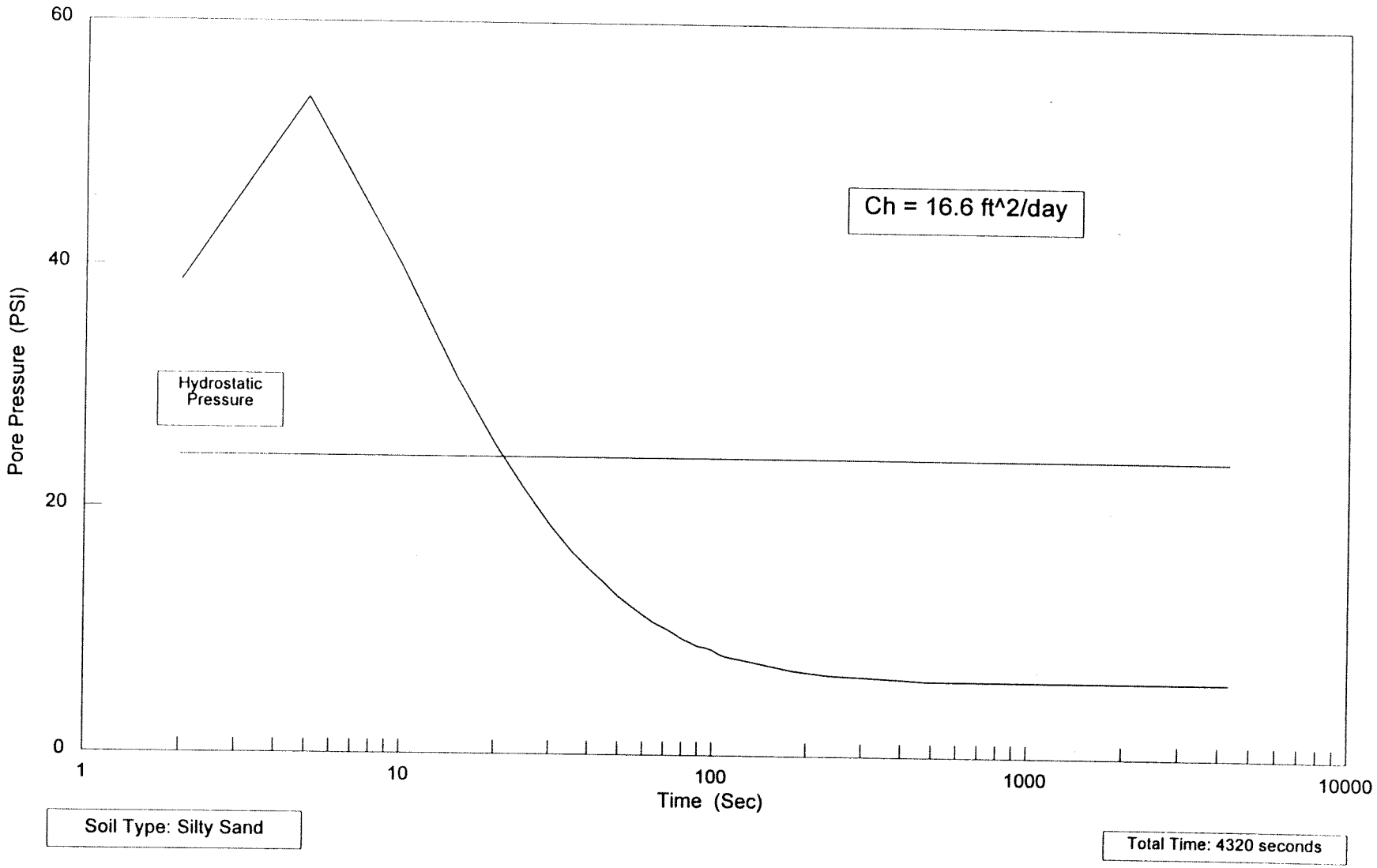
Pore Pressure Dissipation Test

Location 5 - 44.9 feet in depth



Pore Pressure Dissipation Test

Location 5 - 61.5 feet in depth



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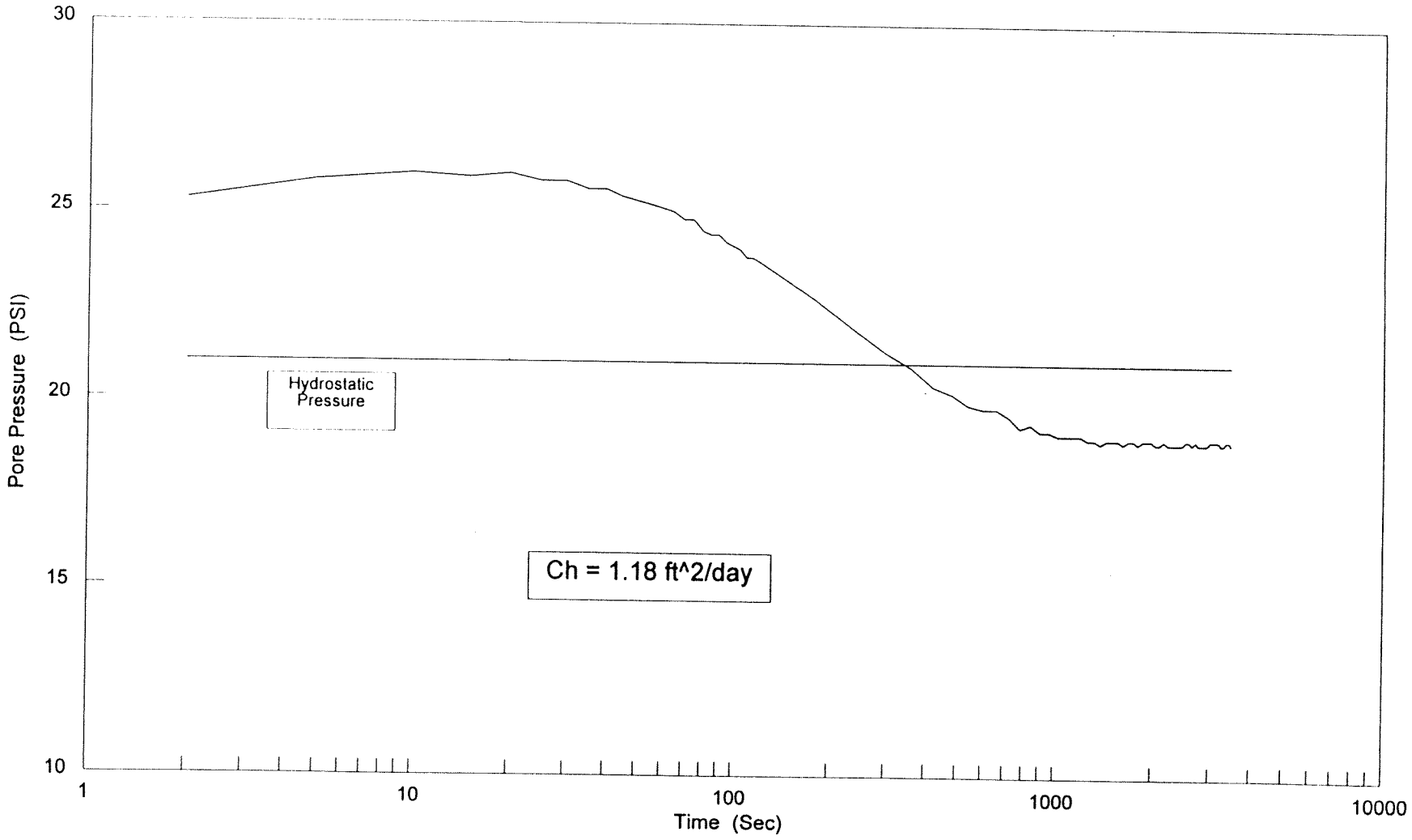
Pore Pressure Dissipation Test

Location G1 - 53.5 feet in depth



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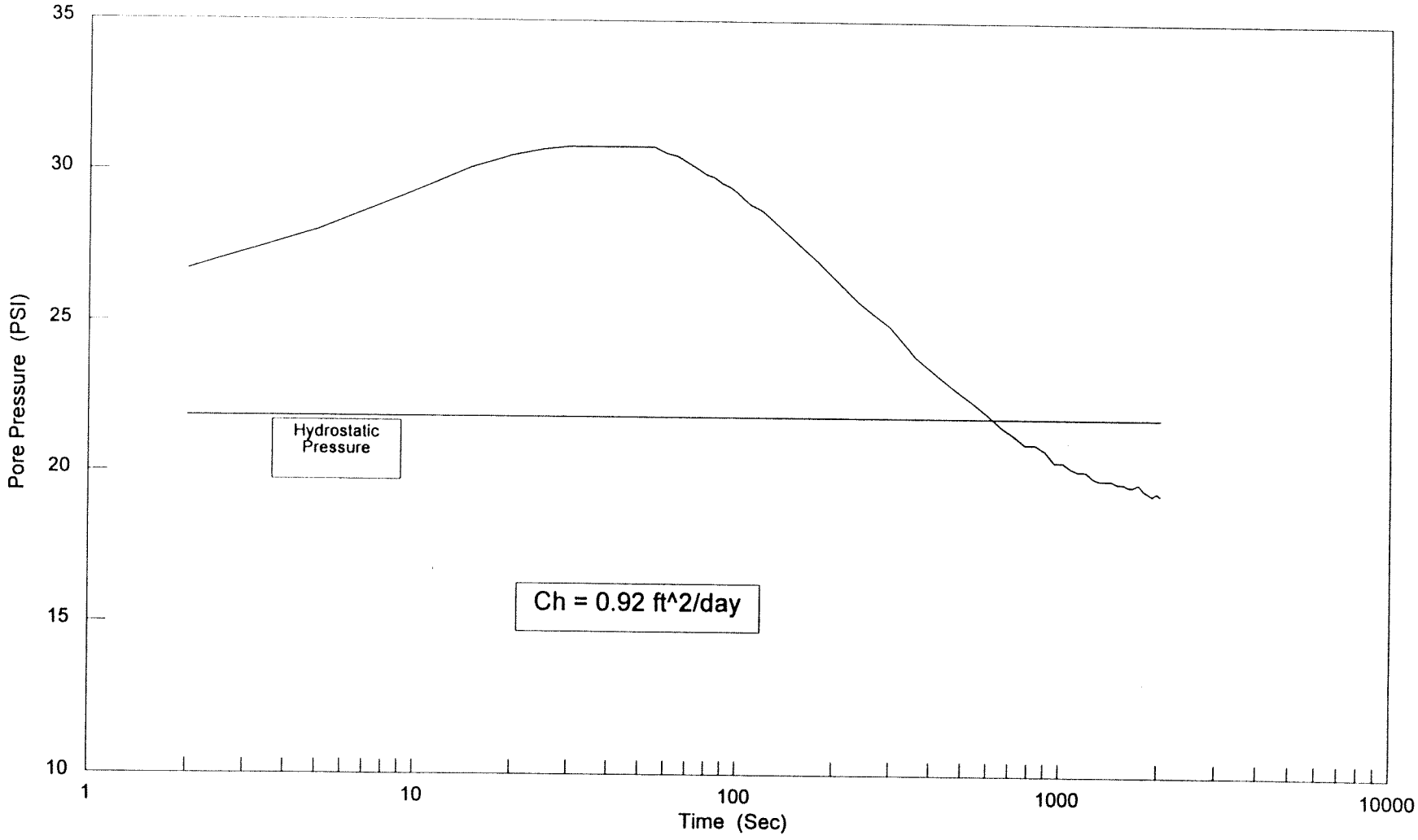
Williams Earth S nces, Inc.

Pore Pressure Dissipation Test

Location G1 - 55.4 feet in depth



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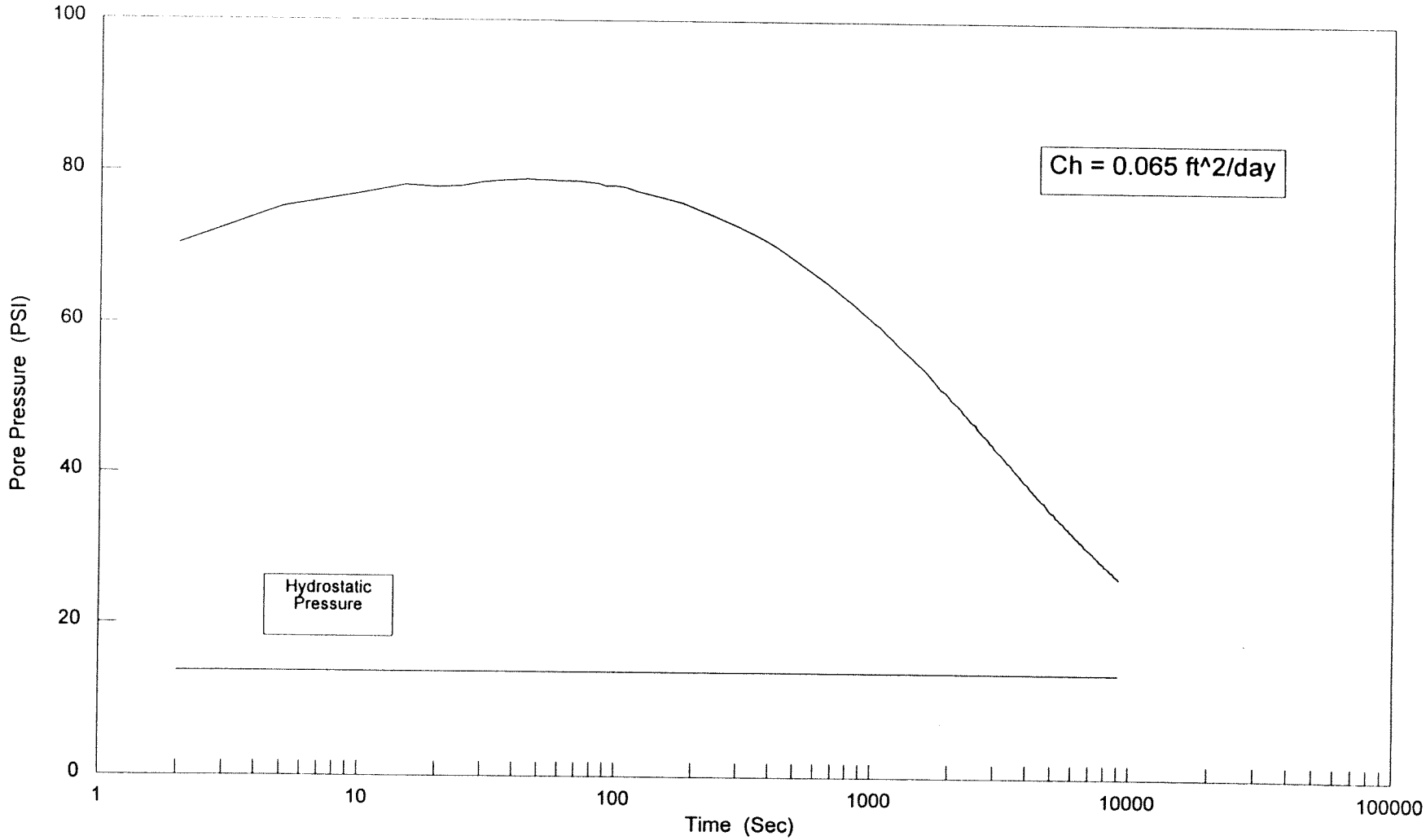
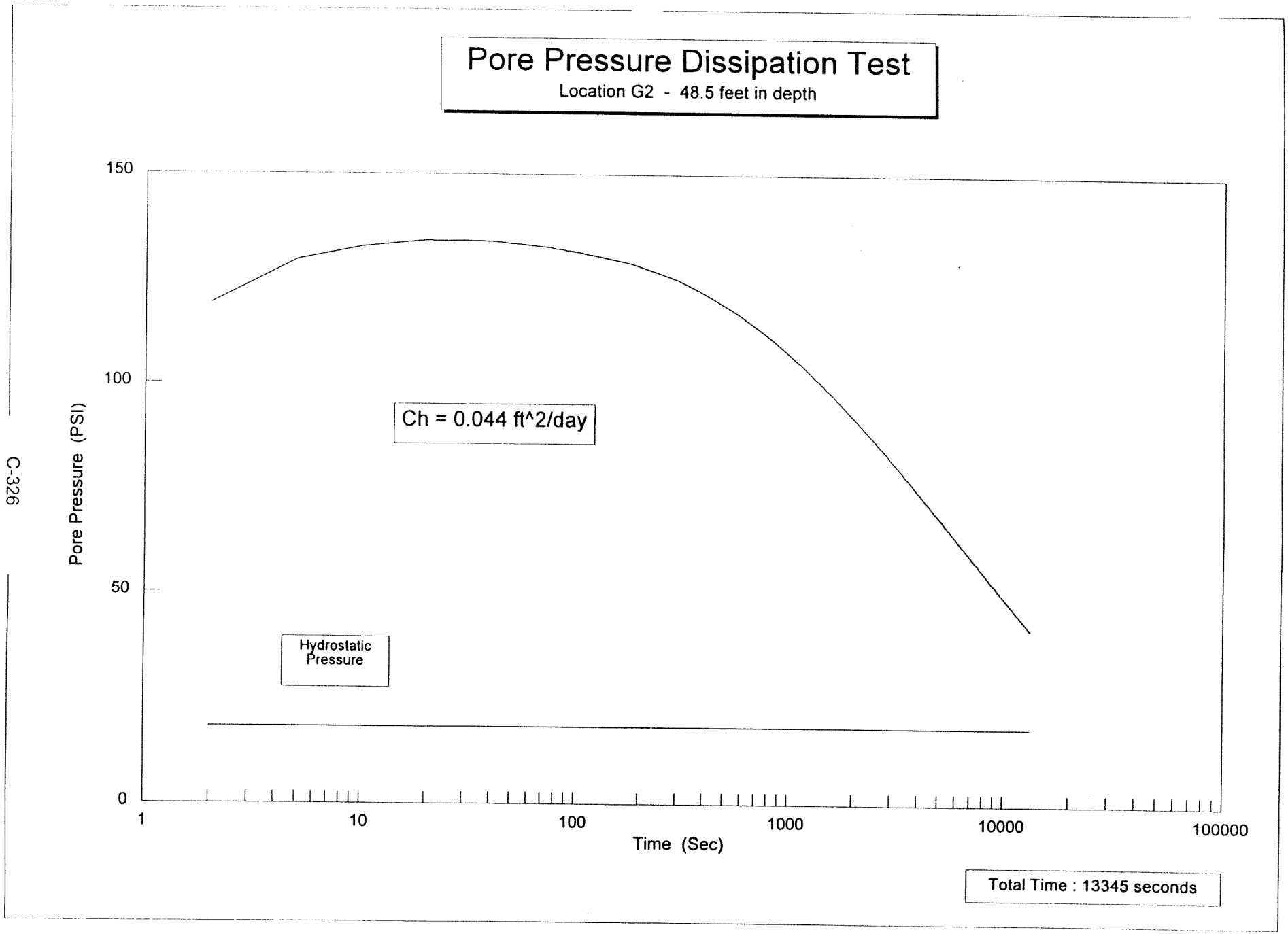
Pore Pressure Dissipation Test

Location G2 - 38.5 feet in depth





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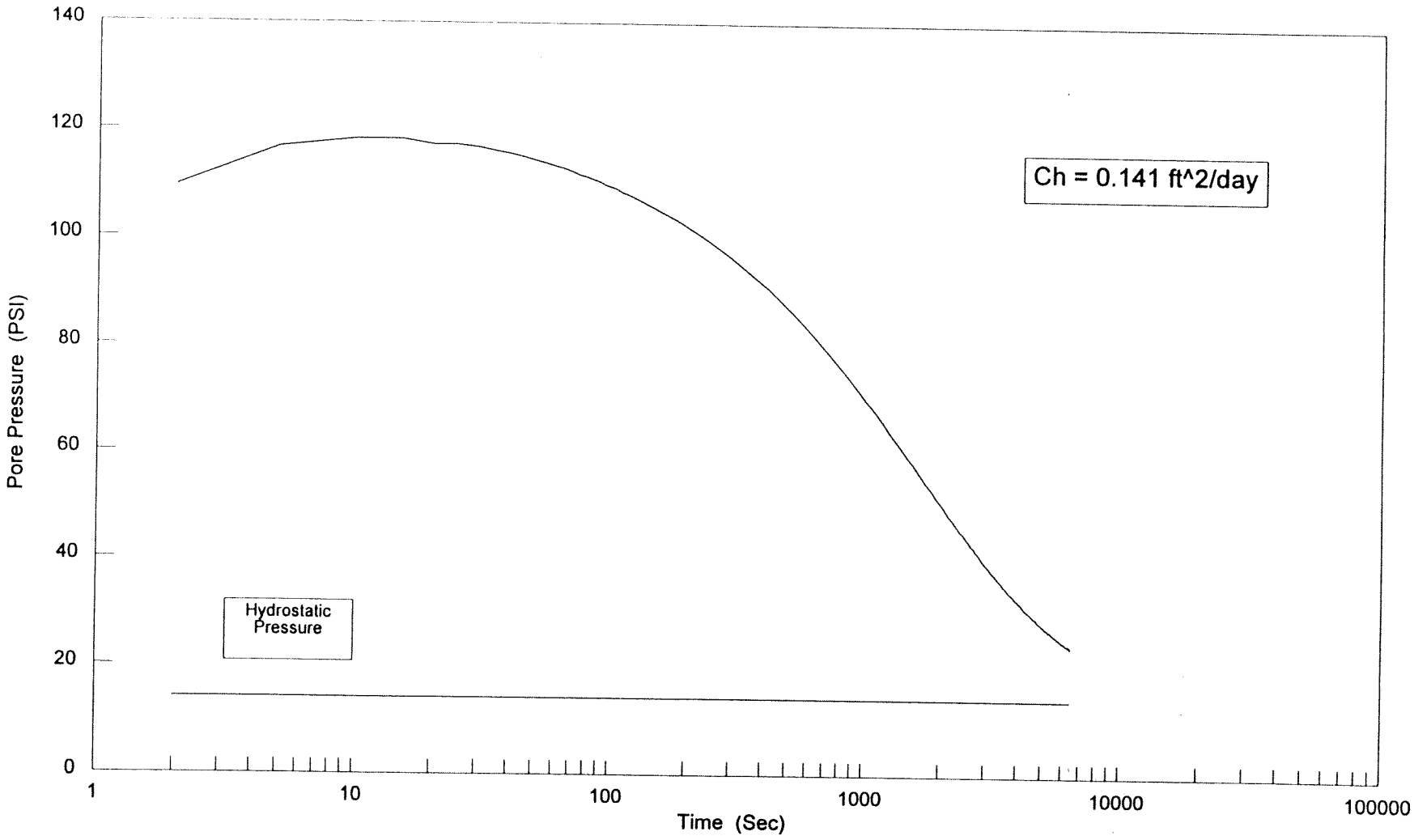
Pore Pressure Dissipation Test

Location G3 - 39.5 feet in depth



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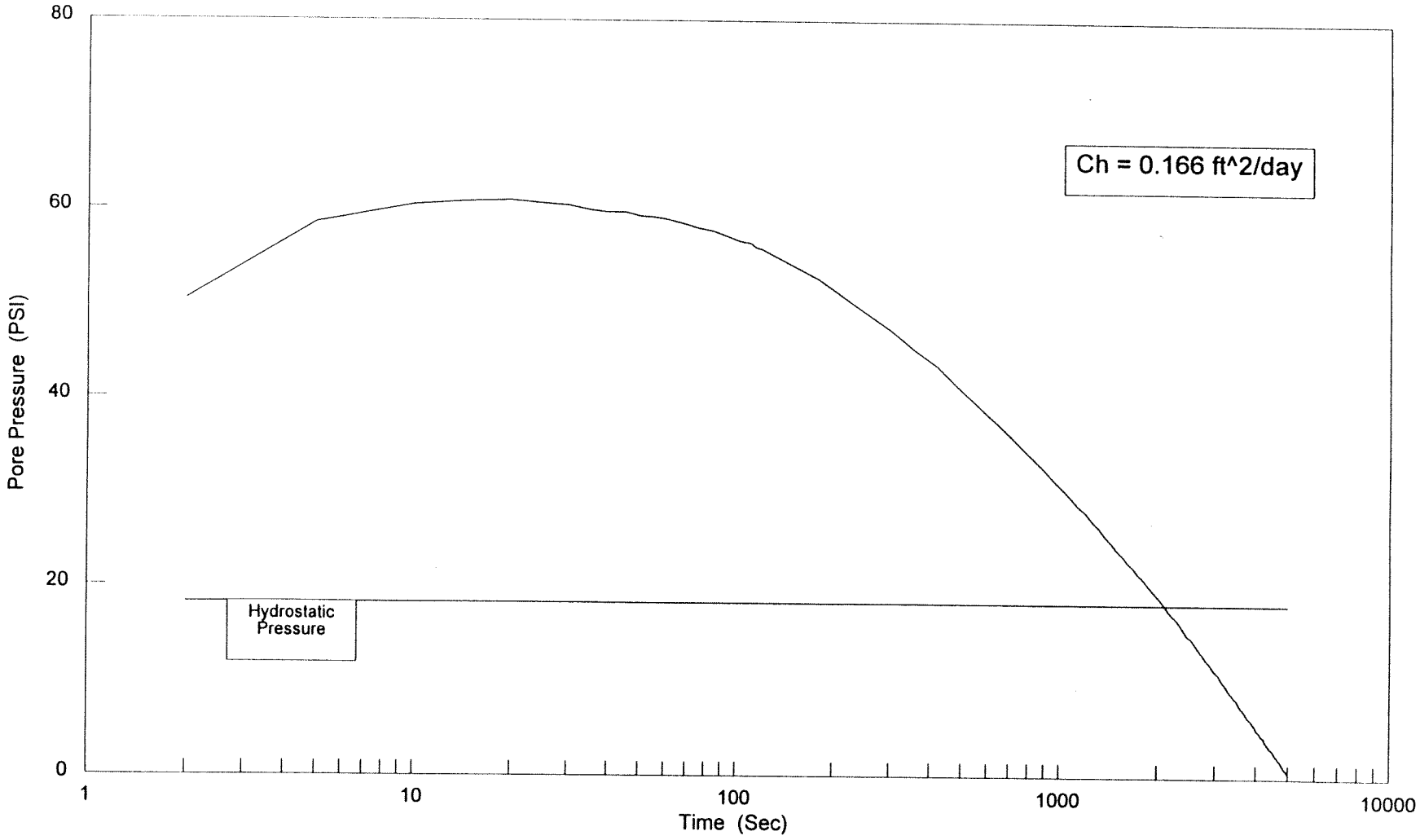
Pore Pressure Dissipation Test

Location G3 - 49 feet in depth



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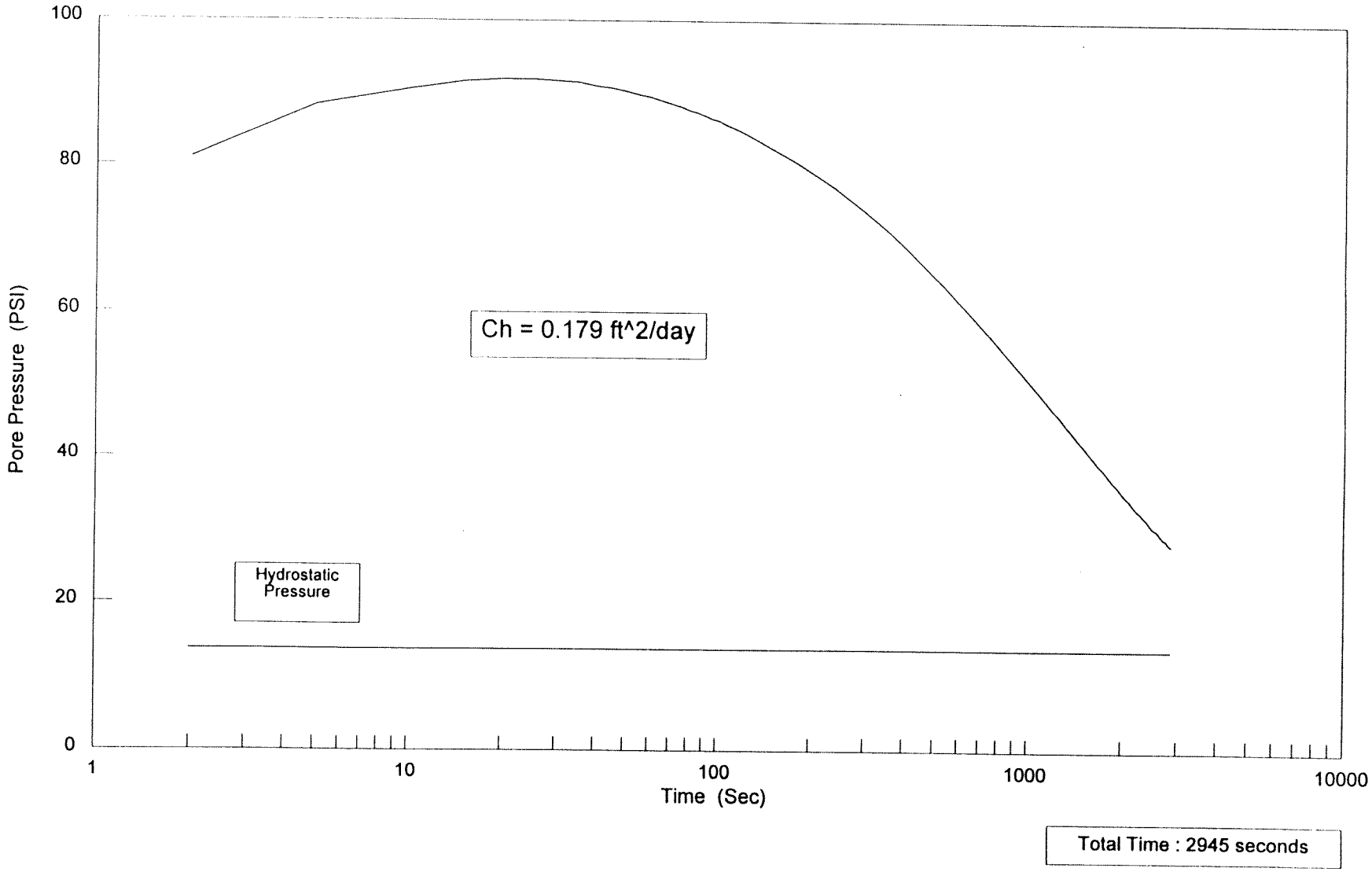
Williams Earth Sciences, Inc.

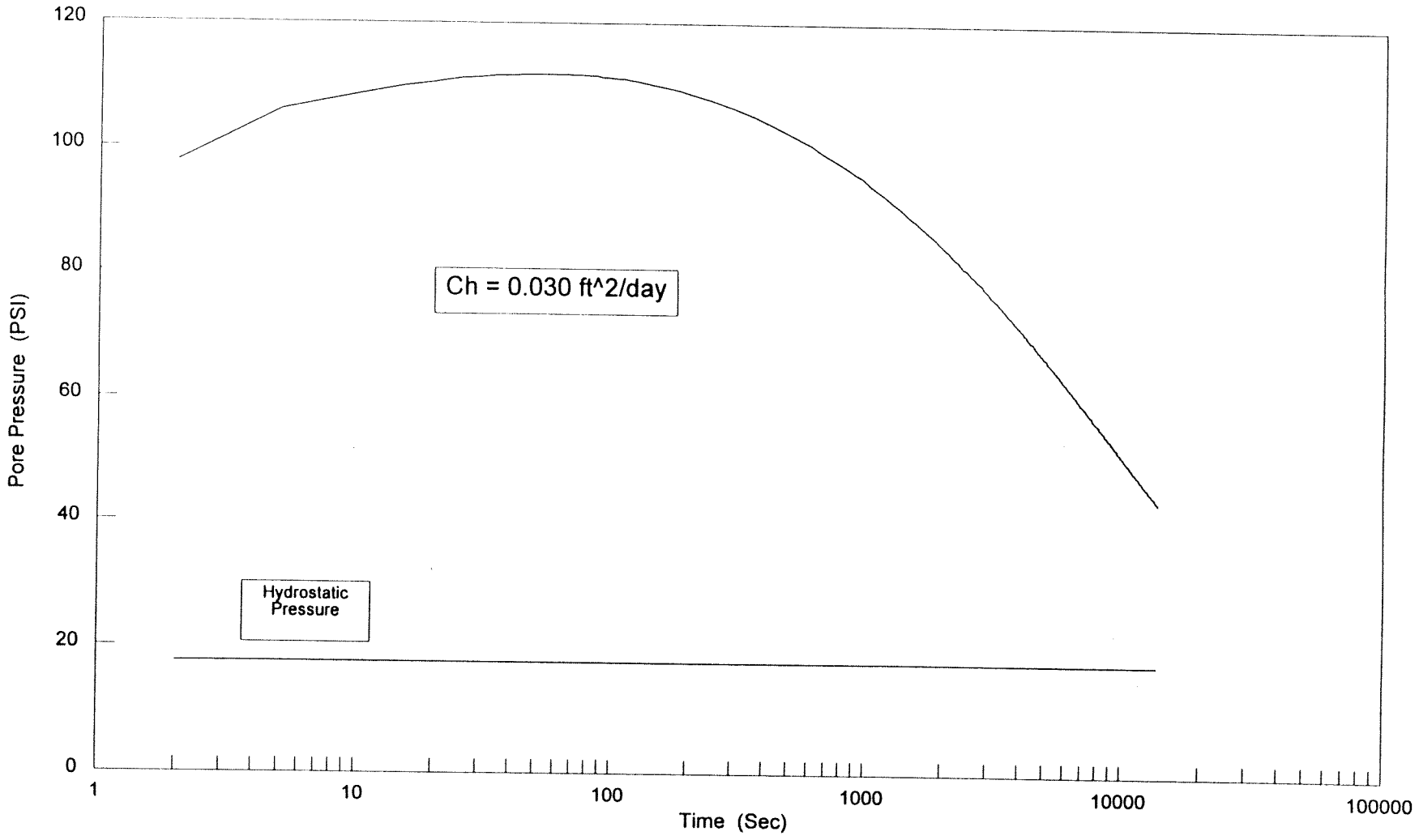
Pore Pressure Dissipation Test

Location G4 - 38.5 feet in depth



Pore Pressure Dissipation Test

Location G4 - 47.6 feet in depth



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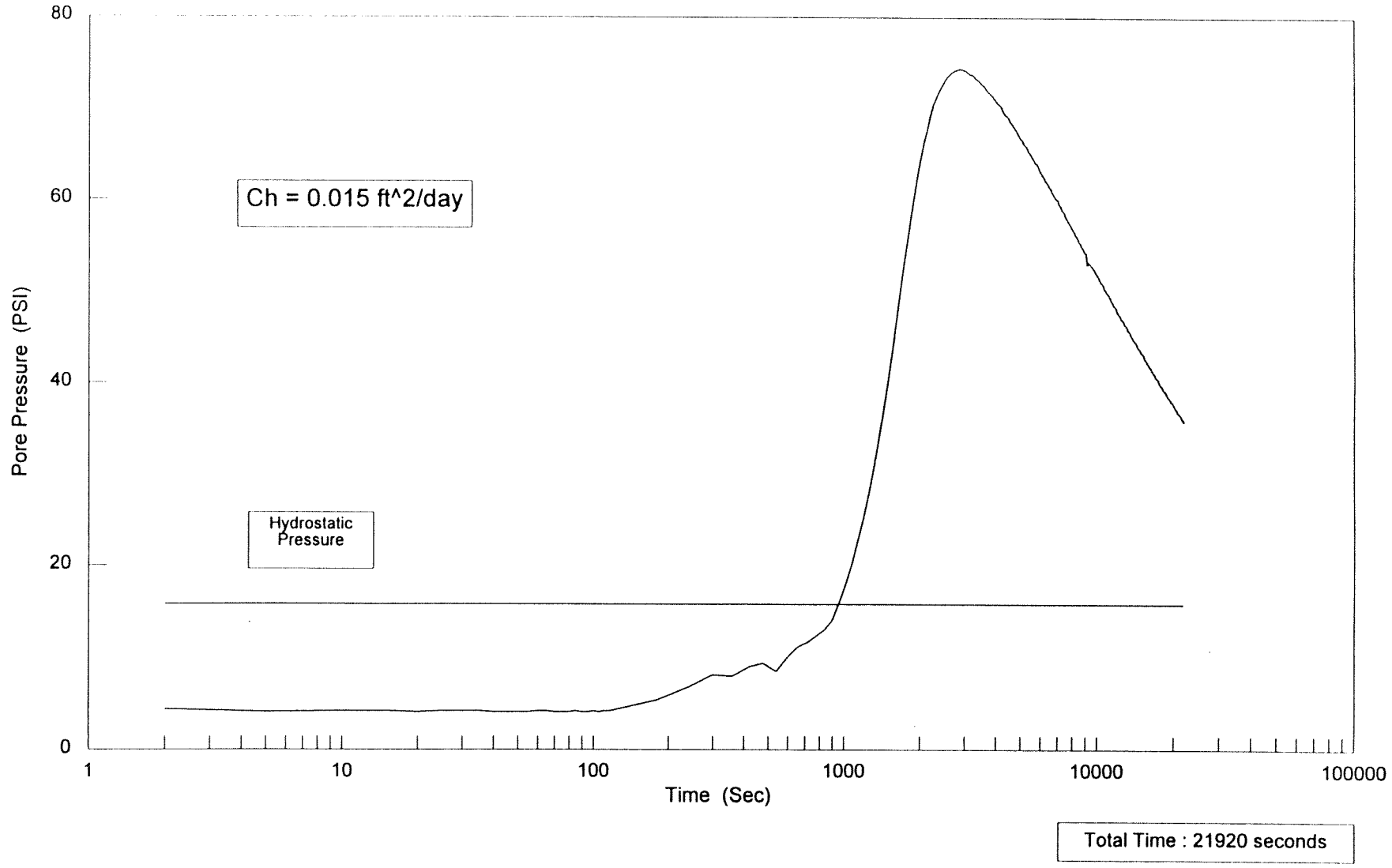
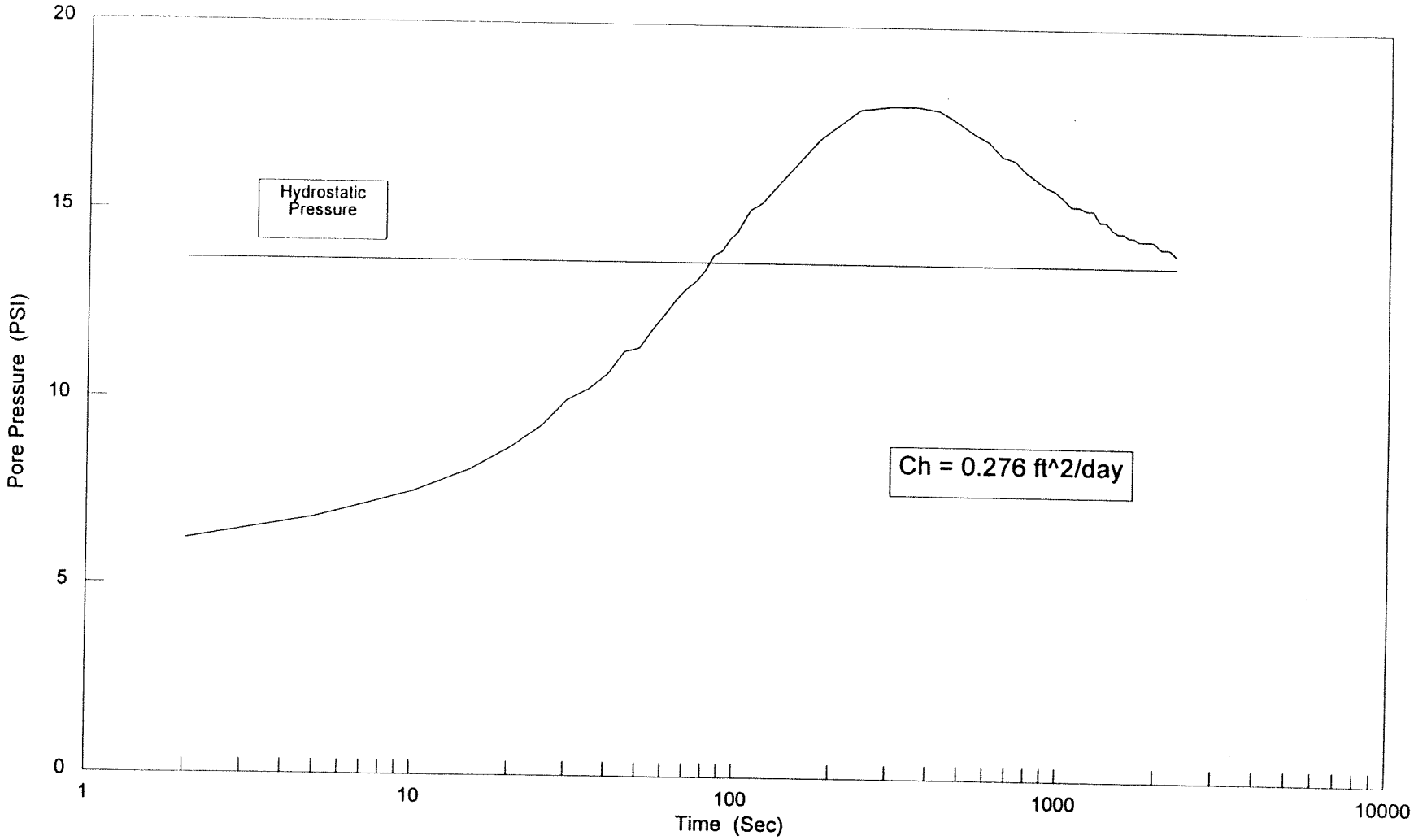
Pore Pressure Dissipation Test

Location Y1 - 40.5 feet in depth



Pore Pressure Dissipation Test

Location Y2 - 36.6 feet in depth



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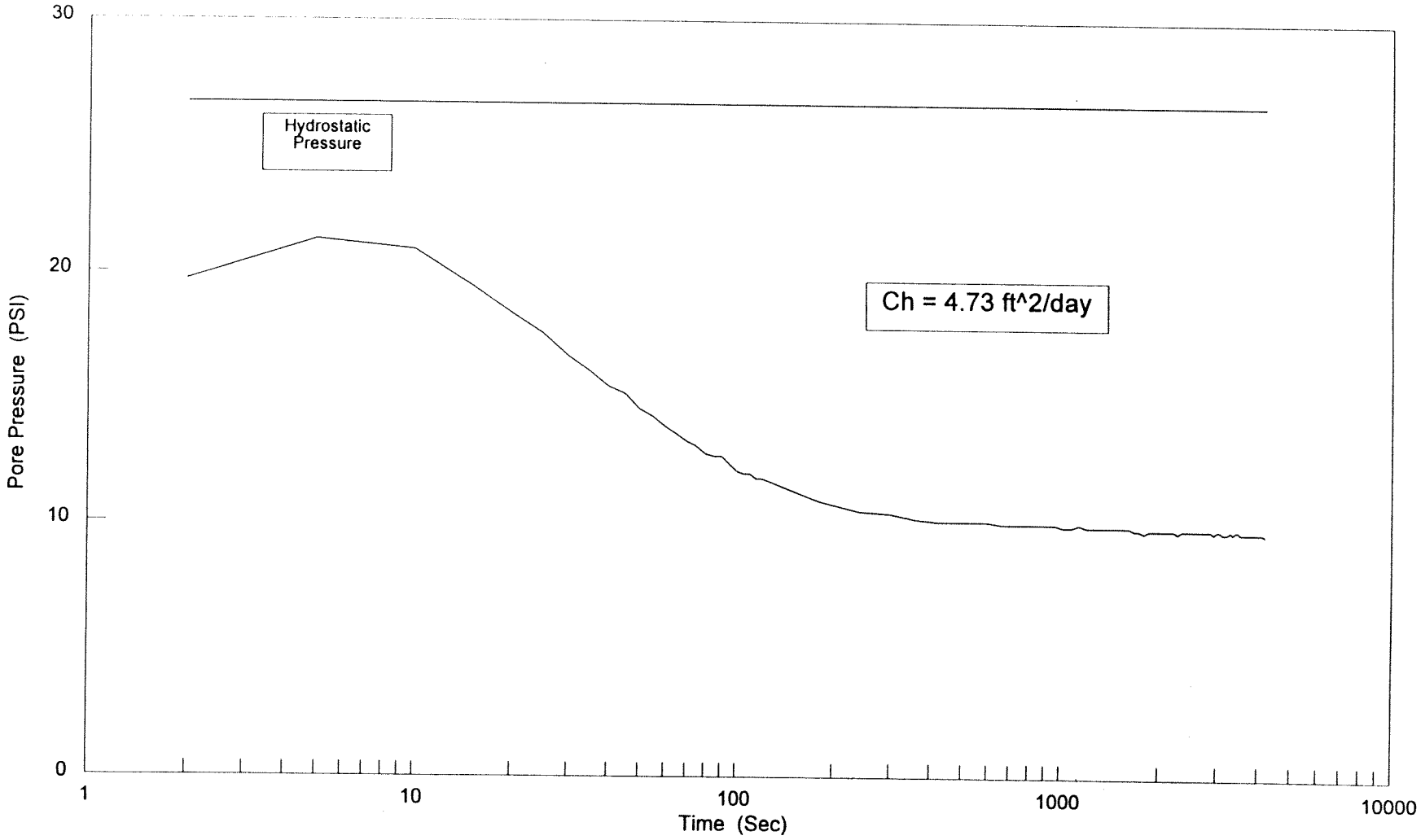
Pore Pressure Dissipation Test

Location Y2 - 66.6 feet in depth



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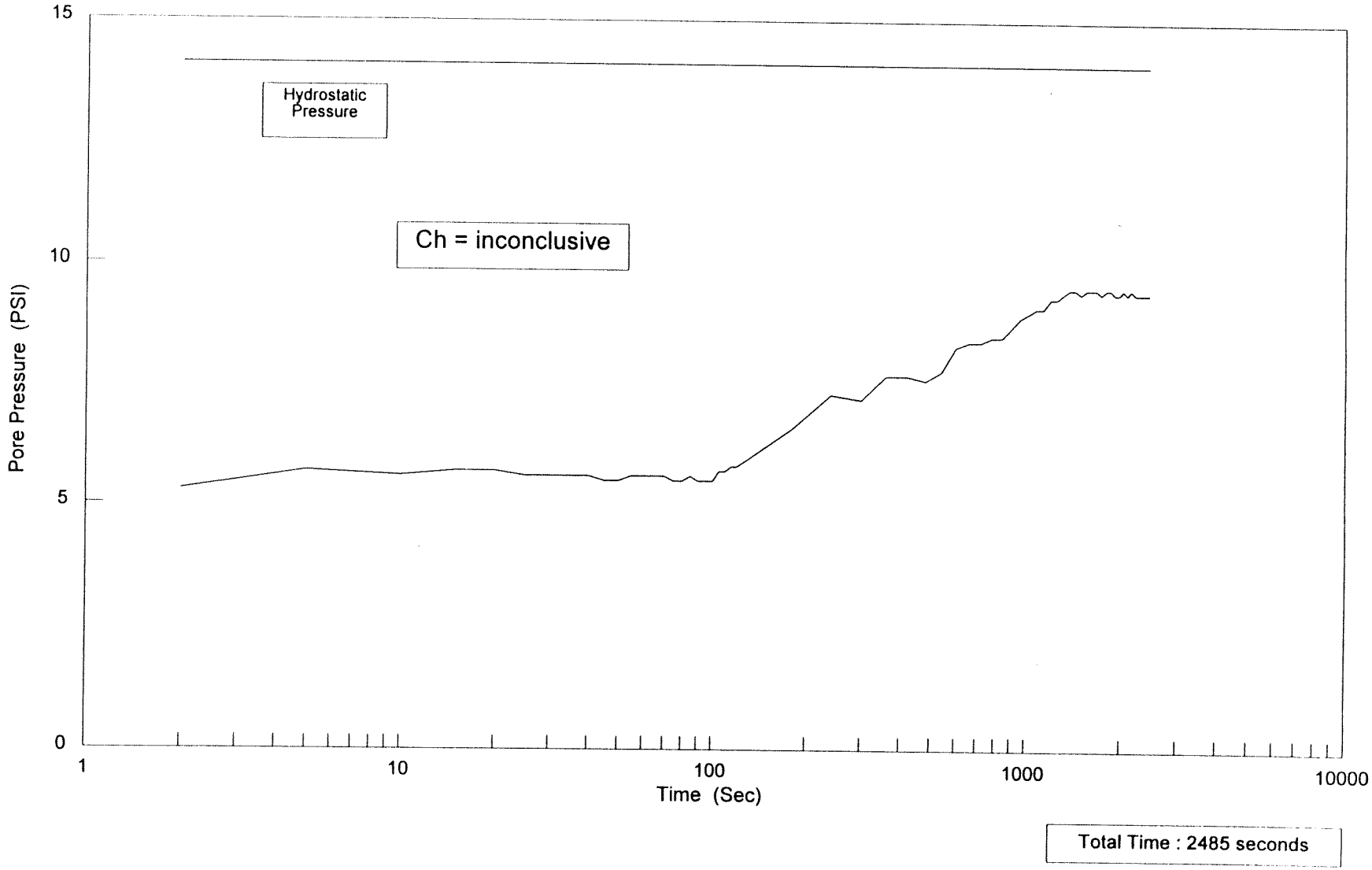
Pore Pressure Dissipation Test

Location Y5 - 37.6 feet in depth



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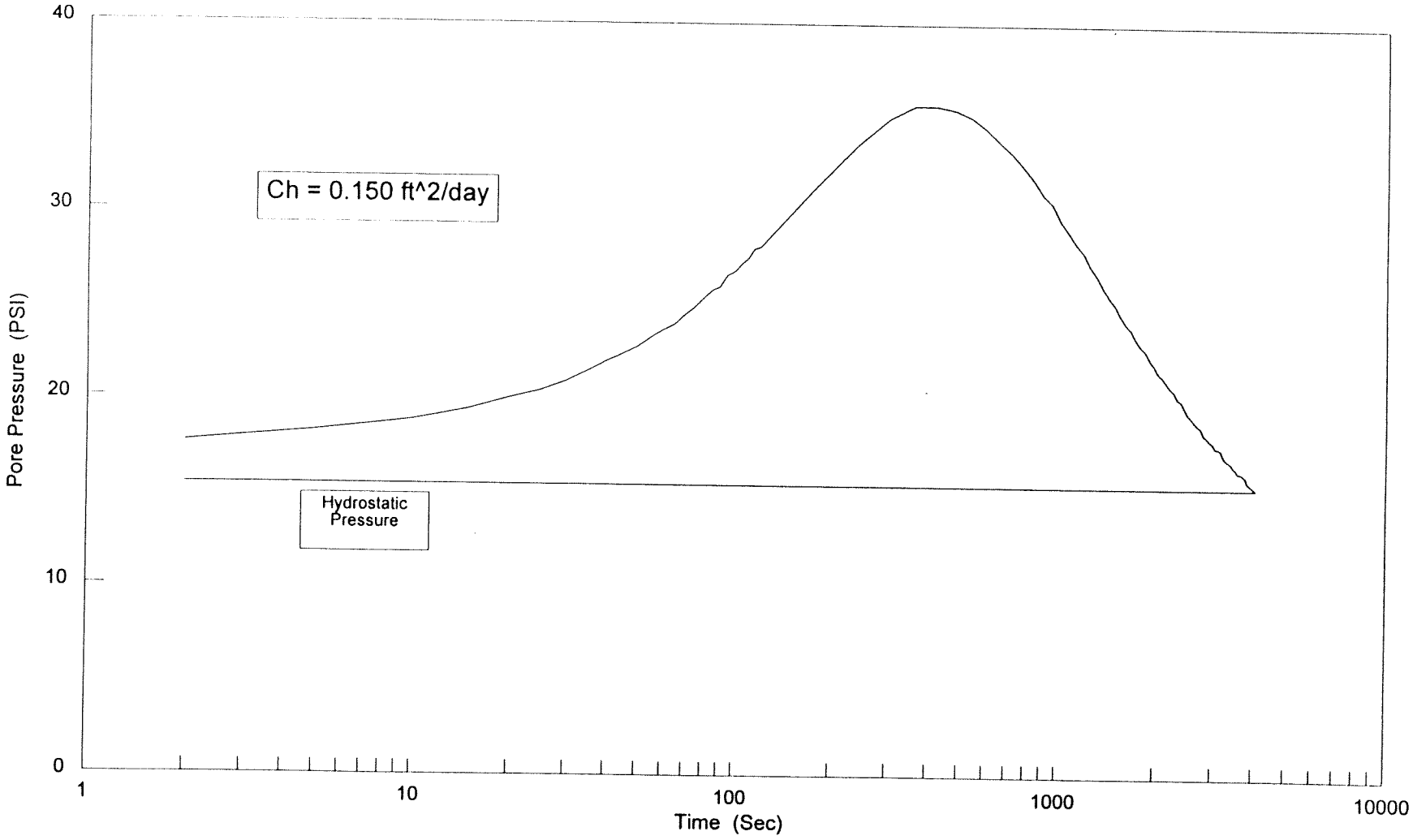
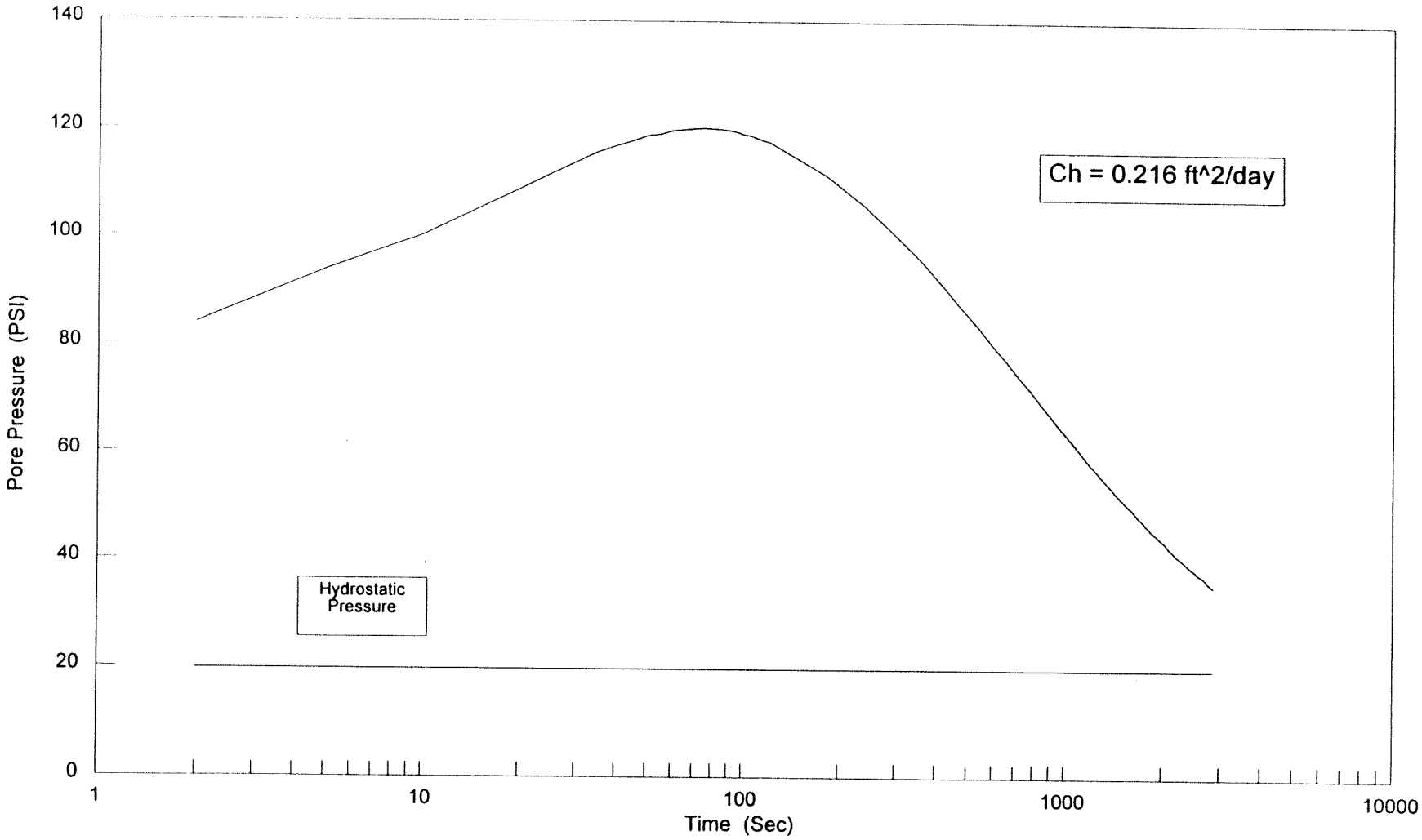
Pore Pressure Dissipation Test

Location Y5 - 40.5 feet in depth



Pore Pressure Dissipation Test

Location Y5 - 50.5 feet in depth



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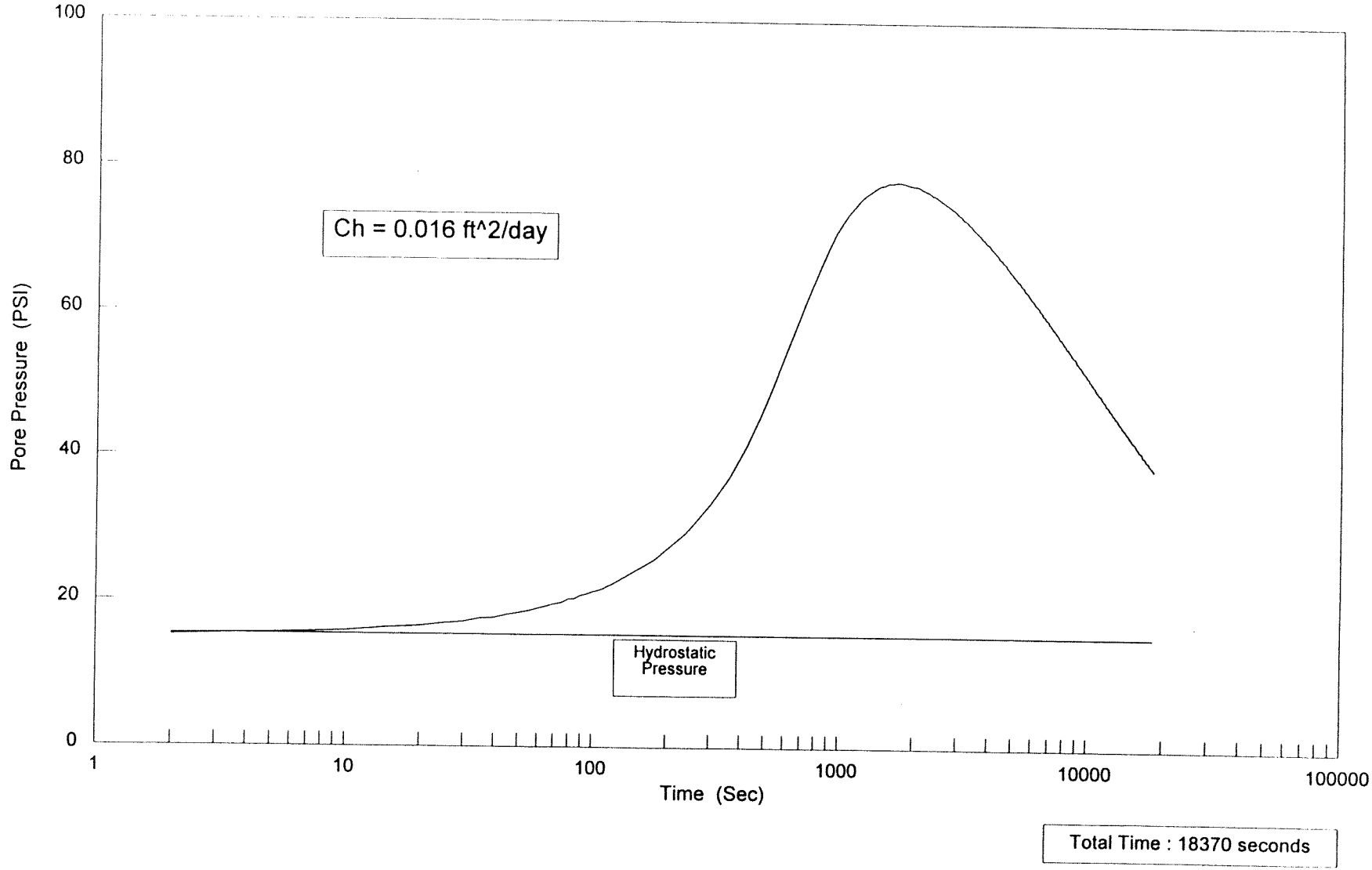
Pore Pressure Dissipation Test

Location Y6 - 40.5 feet in depth