

SDMS Document

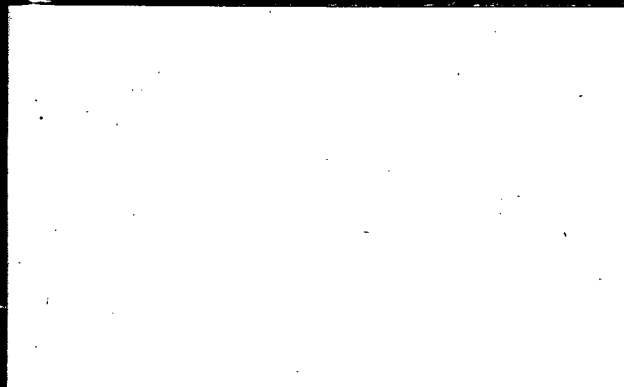


107946

EBASCO

REM III PROGRAM

**REMEDIAL PLANNING ACTIVITIES
AT SELECTED UNCONTROLLED
HAZARDOUS SUBSTANCE DISPOSAL SITES**



EPA CONTRACT 68-01-7250

EBASCO SERVICES INCORPORATED

000829

FINAL
REMEDIAL INVESTIGATION/
FEASIBILITY STUDY

VOLUME III
APPENDICES A - E

BYRON BARREL AND DRUM SITE
BYRON, NEW YORK

JULY 1989
W.A. NO. 161-2LD6

000830

JULY 28, 1989

FINAL
REMEDIAL INVESTIGATION/FEASIBILITY STUDY

VOLUME III

APPENDICES A - E

BYRON BARREL AND DRUM SITE
BYRON, NEW YORK

EPA WORK ASSIGNMENT NUMBER 161-2LD6
UNDER
CONTRACT NUMBER 68-01-7250

PREPARED BY:
NUS CORPORATION
PITTSBURGH, PENNSYLVANIA

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000831

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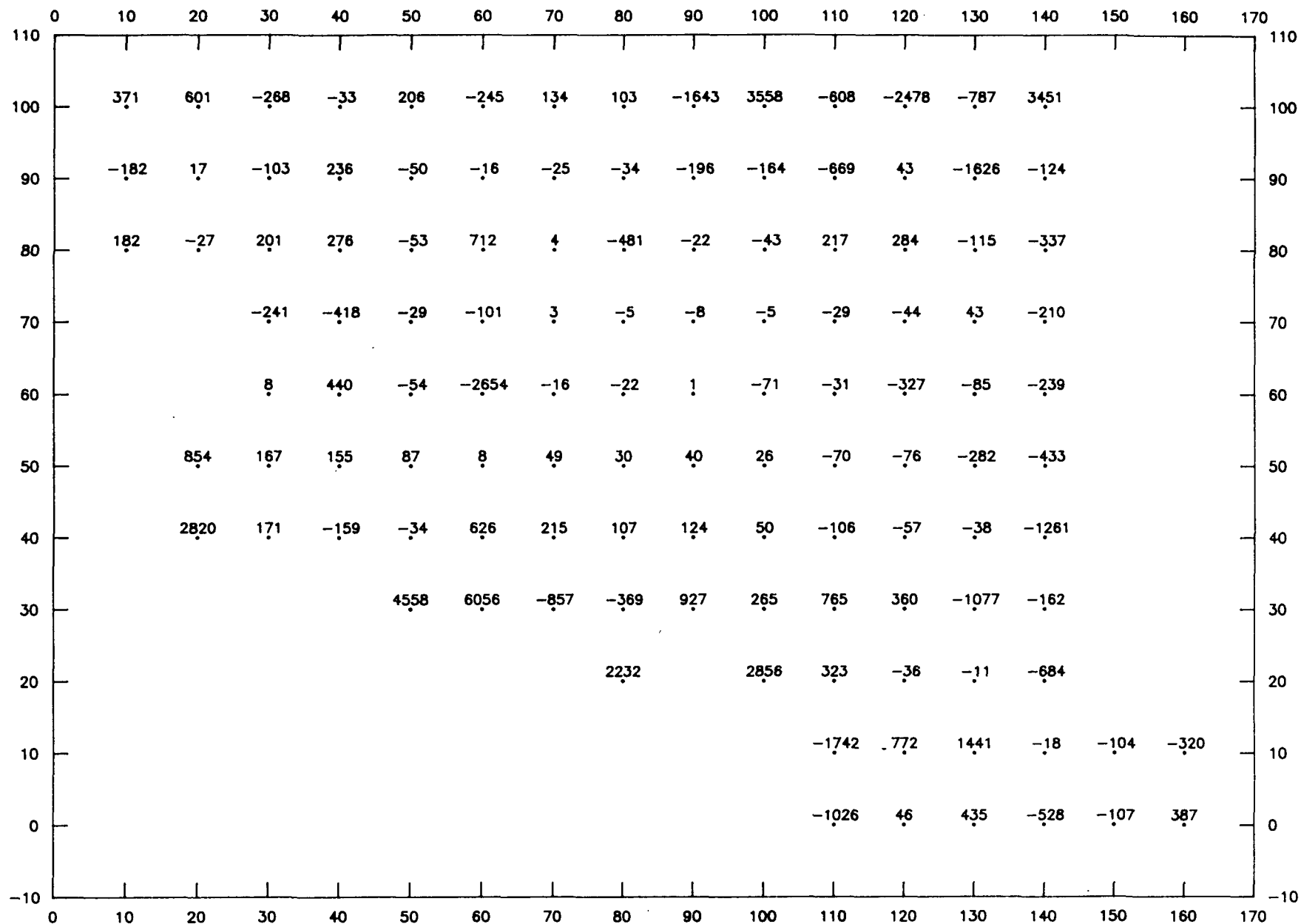
A

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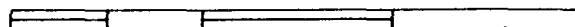
APPENDIX A
GEOPHYSICAL INVESTIGATION

000834

BYRON B & D: AREA 1 - MAGNETIC GRADIENT DATA VALUES

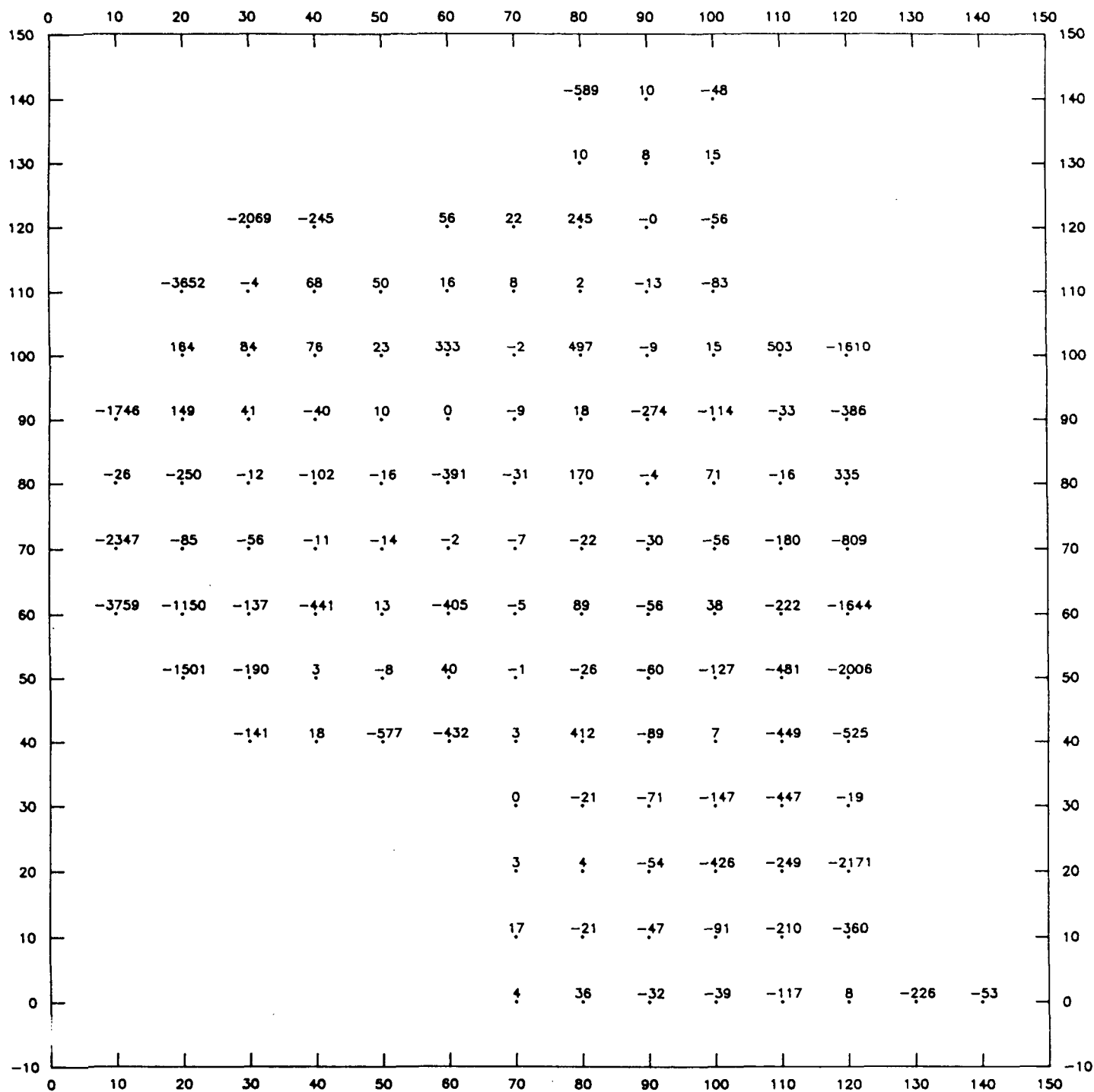


SCALE: 1 IN = 20 FT

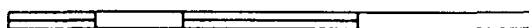


00835

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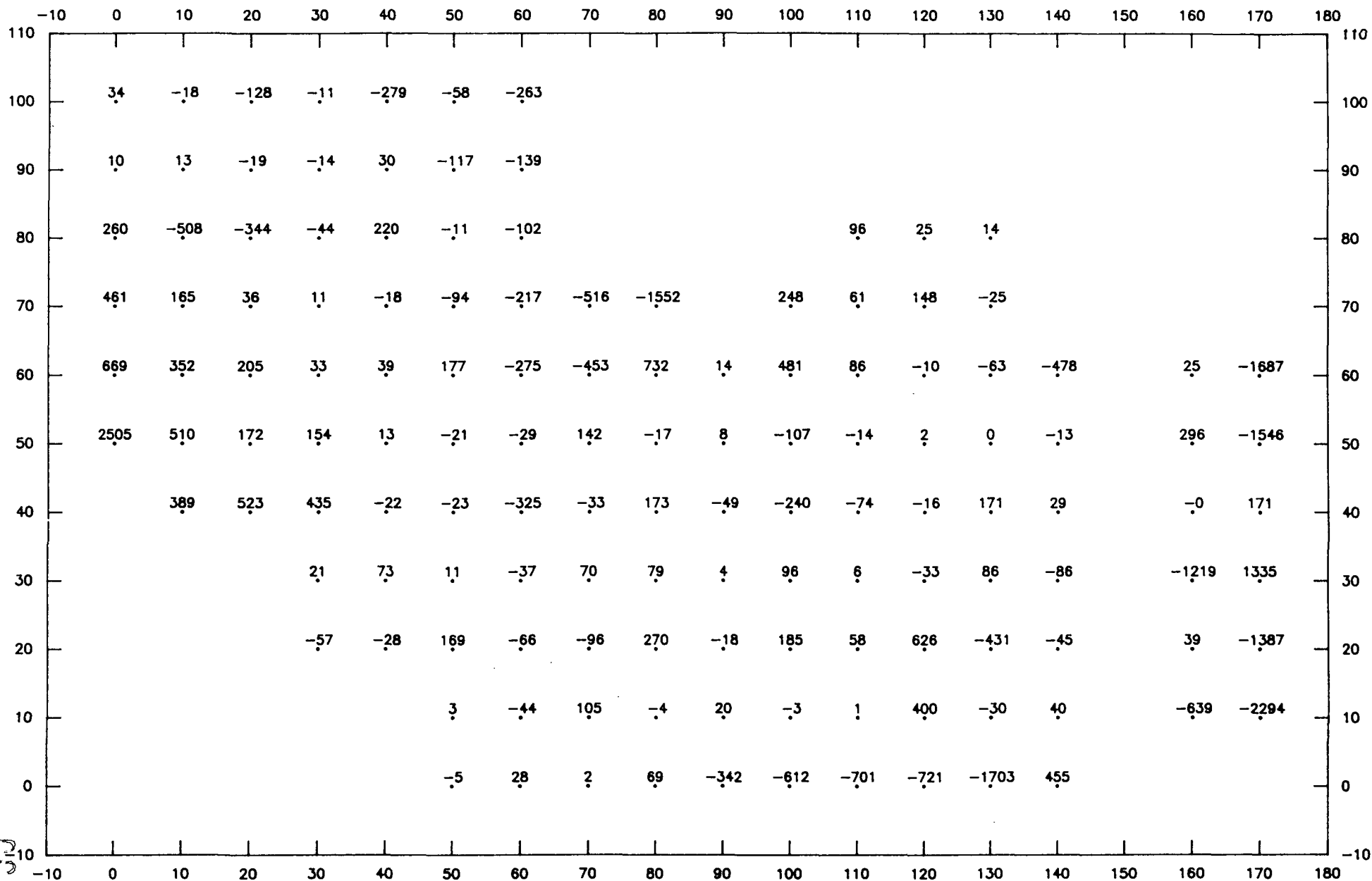


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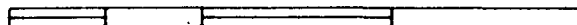


000836

BYRON B & D: AREA 3 - MAGNETIC GRADIENT DATA VALUES

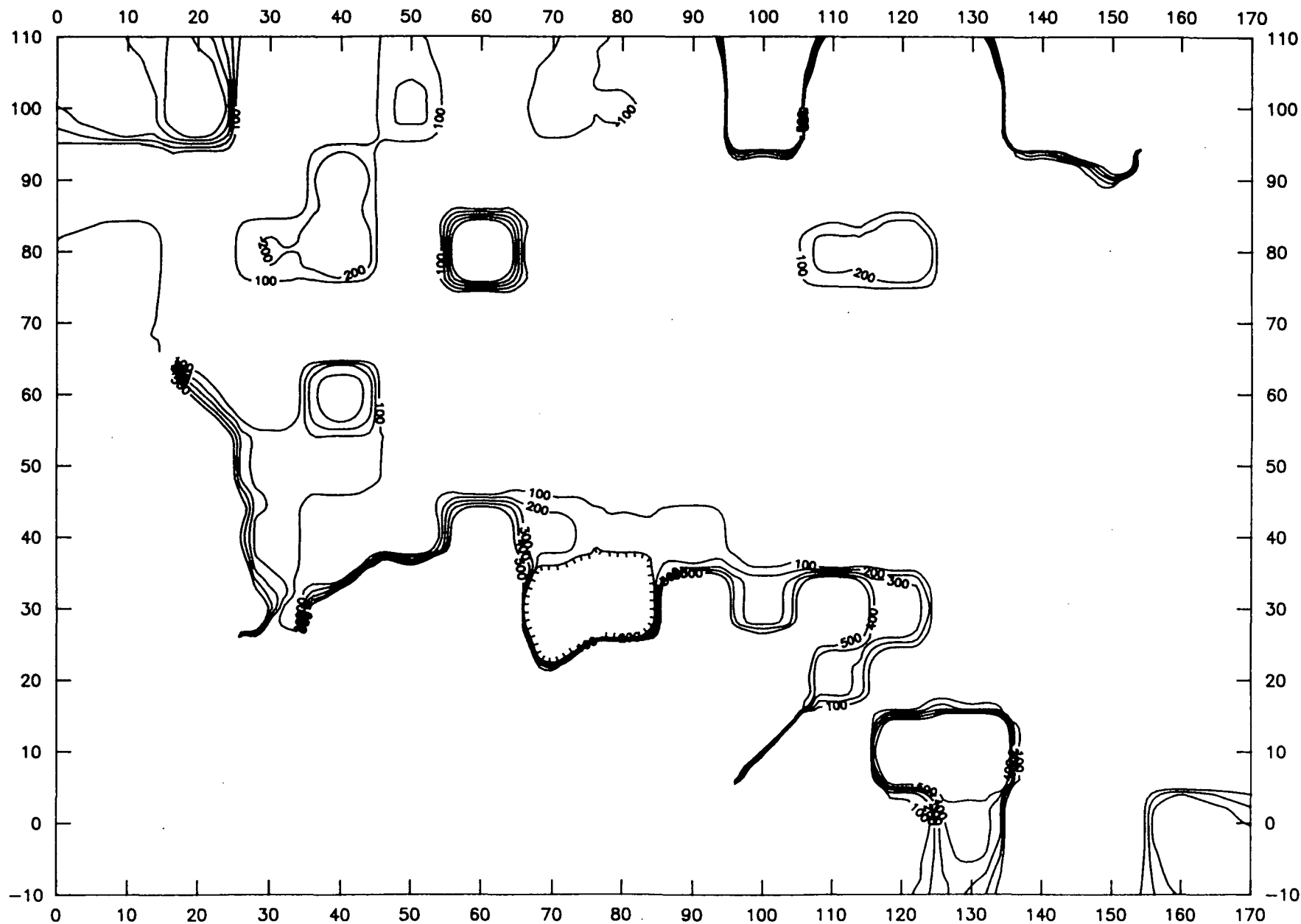


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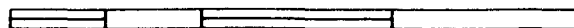


28800

BYRON B & D: AREA 1 - MAGNETIC GRADIENTS >100 GAMMAS/METER

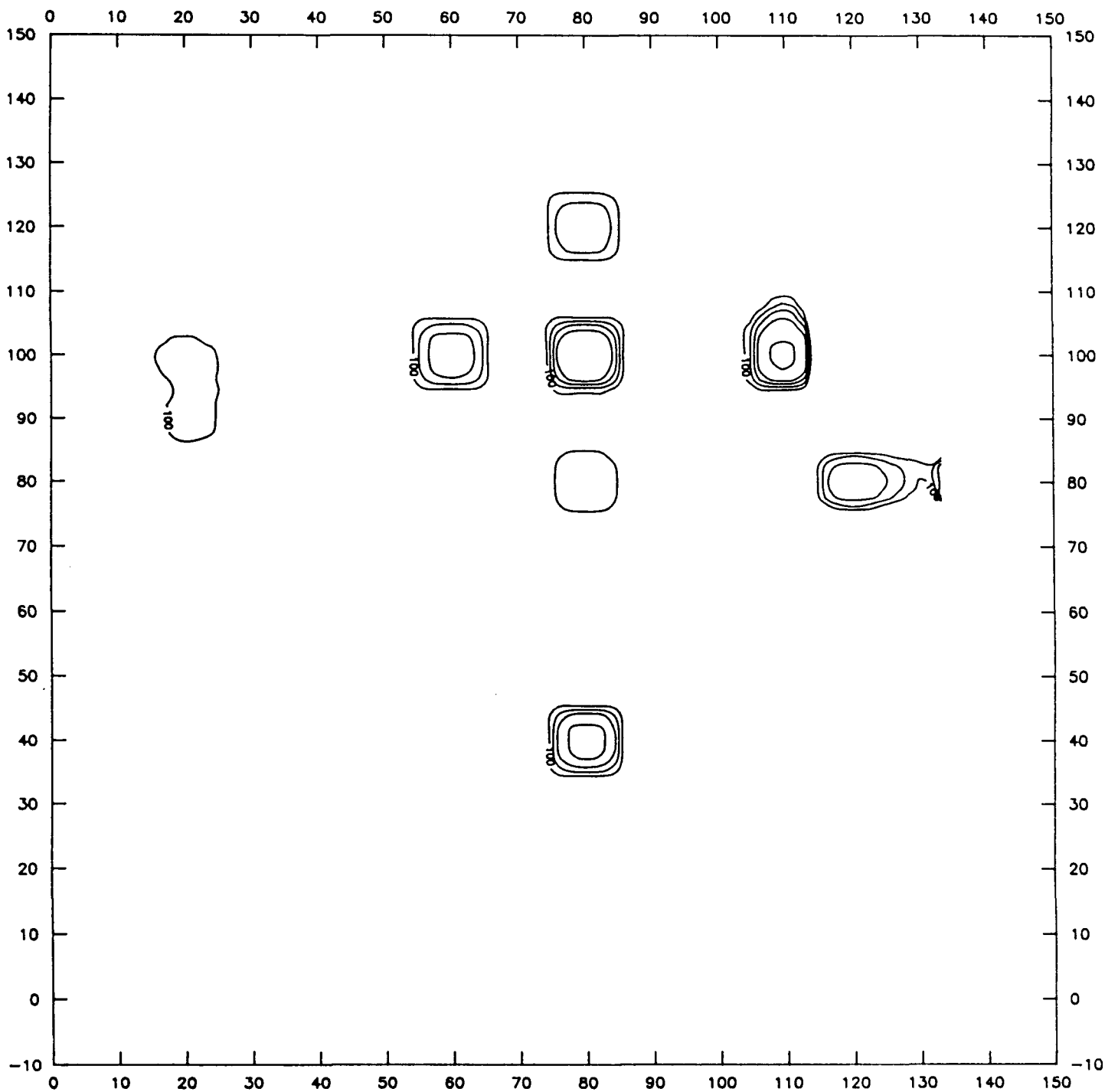


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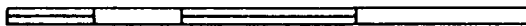


000838

BYRON B & D: AREA 2 - MAGNETIC GRADIENTS > 100 GAMMAS/METER

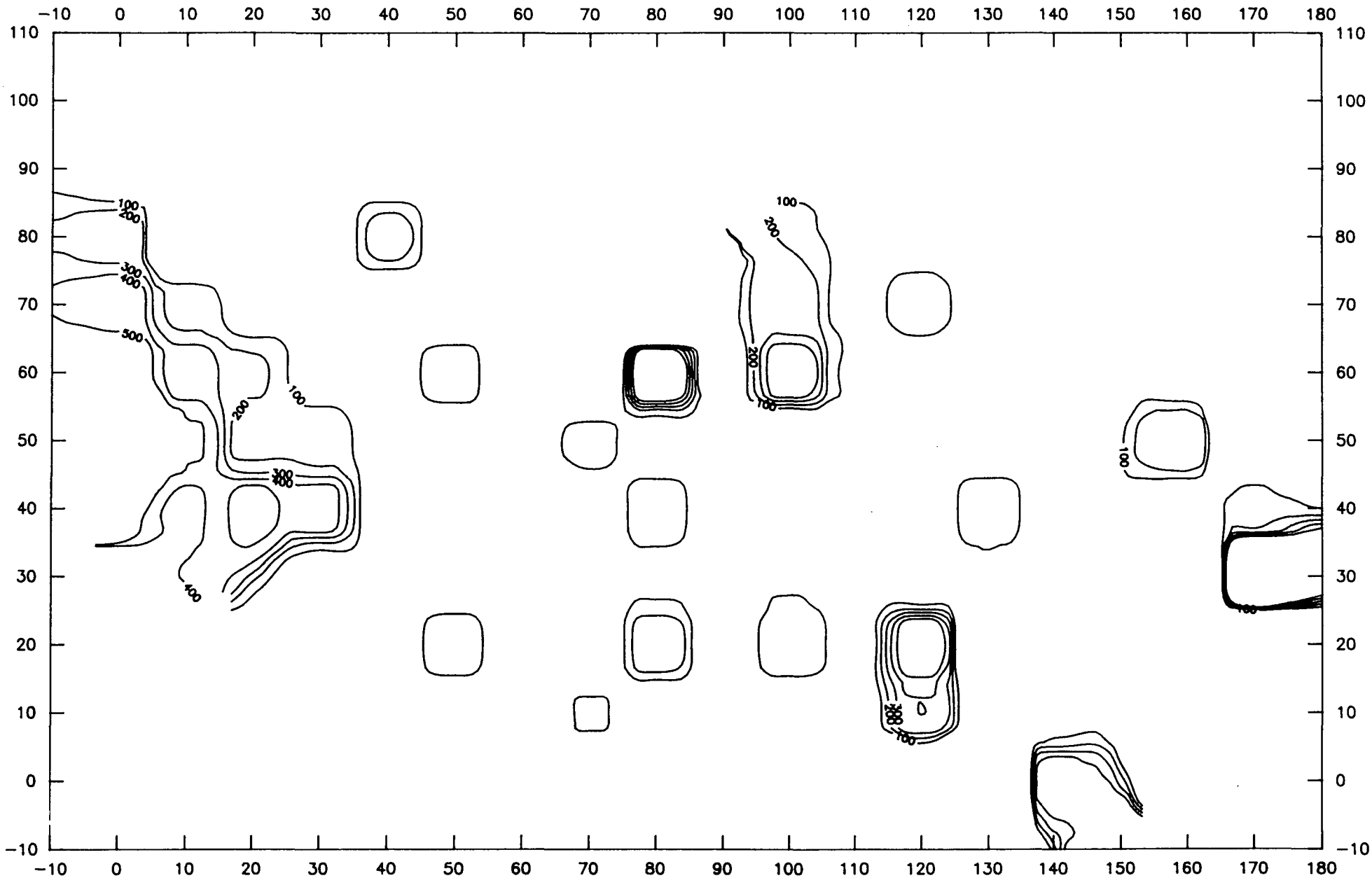


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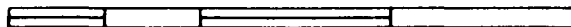


000839

BYRON B & D: AREA 3 - MAGNETIC GRADIENTS > 100 GAMMAS/METER



SCALE: 1 IN = 20 FT



078000

B

000841

APPENDIX B
BORING LOGS

000842

PROJECT: Byron Bannel

BORING NO: MW-1A

PROJECT NO: L725/161-24DB

DATE: 9/20/88

DRILLER: B. LAMBERT

ELEVATION: Well Const. Sheet

FIELD GEOLOGIST: M. HICKS

WATER LEVEL DATA: SEE WGS LOGBOOKS FOR DETAILS

(Date, Time & Conditions) 9/20/88 Pt C104 70's

SAMPLE NO. & TYPE	DEPTH (ft.)	BLOWS 6" OR ROD (%)	SAMPLE RECOVERY LENGTH	LITHOLOGY CHANGE (Depth ft.)	MATERIAL DESCRIPTION*			USCS	REMARKS
					SOIL DENSITY, CONSISTENCY OR ROCK HARDNESS	COLOR	MATERIAL CLASSIFICATION		
1/A	0.0	NA	NA			DR BRN	SD + muck mixed	Pe	Knw (1pm)
							↓		
	5.0						↓		
1A-1	6.0	12	1.0'		FRM	BRN	SD - U.FGR OCC GRAVEL	SW	0905 MOIST - UNCONSOL
	7.0	14					med sorted		↓
		10					↓		
	10.0						↓		
1A2	11.0	9	1.2'	H ₂ O approx 8.5'	Firm	BRN	SD - F-VFGR w/GRAVEL	SW	0920 WET APPROX H ₂ O 8.5'
	12.0	7					med sorted		↓
		5					↓		
	15.0						↓		
1A3	16.0	16	1.8'		FRM	BRNgy	SD - M-FGR	SM	0935 moist - WET
	17.0	13					med sorted		↓
		9					↓		
	20.0						↓		
1A4	21.0	14	0.2'		FRM	BRNgy	SD M-FGR w/CLAY/ST	SM	WET
	22.0	10					med sorted		↓
		9					↓		
		8					↓		
	25.0						↓		

REMARKS 4 3/4" ID / 8" OD AUGER CME 75
140 # wt. Dropped 25 30" / Blow

BORING MW1A

BORING LOG

NUS CORPORATION

PROJECT: Byron Barrel

BORING NO: MW-1A

PROJECT NO: L725/161-2406 DATE: 9/20/88

DRILLER: B. CAMBERT

ELEVATION: 641.27-66

FIELD GEOLOGIST: M. Hicks

WATER LEVEL DATA SEE WCS, LOGBOOK

(Date, Time & Conditions) 9/20/88 PT. CLDY 70's

SAMPLE NO. & TYPE	DEPTH (ft.)	BLOWS 6" OR ROD (ft.)	SAMPLE RECOVERY SAMPLE LENGTH	LITHOLOGY CHANGE (Depth ft.)	MATERIAL DESCRIPTION*			USCS	REMARKS
					SOIL DENSITY CONSISTENCY OR ROCK HARDNESS	COLOR	MATERIAL CLASSIFICATION		
	25.0						1030		Nu
1A-5	26.0	100/5	0.2'		DENSE	BENGy	SD - HEAVY SILT CONTENT	SM	MOIST
	27.0			TILL			med sorted		0
				27.0'			1035		
1A-6	29.0	42/55	1.0'		V.DENSE	Gy	(coll clay) TILL - GLACIAL SLT + SD w/ GRAVELS (MOIST)		0
	30.0	60/100/2							TILL APPEARS IMPER
	35.0								
	36.0								
	37.0								
1A-7	38.0	75/100/4	0.5		V.DENSE	Gy	1430 TILL - CLAY INTBED w/ SLT + SD	MH	MOLOS LIKE CLAY IMPERIM.
	40.0								0
1A-8	44.0	100/3	0.2		V.DENSE	Gy	1510 TILL - CLAY w/ SLTY SD	MH	IMPERM
	45.0								0
	50.0								

REMARKS Auger Refusal @ 27' → GLACIAL TILL

1330 - Sunny, V. Windy

BORING MW-1A

* See Legend on Back

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PAGE 2 OF 4

BORING LOG

NUS CORPORATION

PROJECT: Byron Barrel & Drum

BORING NO: MW2A

PROJECT NO: C725/161-2026

DATE: 9/23/88

DRILLER: B. CAMBERT

ELEVATION: 645.24 GL

FIELD GEOLOGIST: M. Hicks

WATER LEVEL DATA SEE WCS, Logbook

(Date, Time & Conditions) 9/23/88 CUDY 60's

SAMPLE NO. & TYPE	DEPTH (ft.)	BLOWS 6 OR ROD (ft.)	SAMPLE RECOVERY SAMPLE LENGTH	LITHOLOGY CHANGE (Depth ft.)	MATERIAL DESCRIPTION*			USCS	REMARKS
					SOIL DENSITY CONSISTENCY OR ROCK HARDNESS	COLOR	MATERIAL CLASSIFICATION		
	0.0						1150		
NA		NA	NA		Loose	DK BRN	MUCK + SD	PE	
	5.0						1200		
2A-1	6.0	5 19	1.3'		V. FIRM	BRN	SD w/ conkles	Sm	MOIST
	7.0	100/5					med sorted		
				H ₂ O 8.5'					
	10.0						1215		
2A-2	11.0	7 12	0.4'		FIRM	BRN	SD - SLTY inpt; VFG2	SM	WET
	12.0	16 18					med sorted		
	15.0						1235		
2A-3	16.0	9 7	0.3		LOOSE	BRN	SD - FLOWING (V. WET)	SM	U. POOR RETURNS
	17.0	9 10					med sorted		
	20.0						1245		
2A4	21.0	12 10	1.2		FIRM	BRN	SD w/ INCR SLT/CLAY	SM	WET
	22.0	11 13					med sorted		
	25.0								

REMARKS H₂O @ 8.5'

4 3/4" ID; 8" OD AUGERS CME 75

140 # WT DROPPED ~ 30" / 13 LOW

BORING MW2A

PAGE 1 OF 4

* See Legend on Back

000847

BORING LOG

NUS CORPORATION

PROJECT: Byron Barrel

BORING NO MW2A

PROJECT NO: C725/161-242

DATE: 9/26/88

DRILLER: B. CAMBERT

ELEVATION: 645.24 GL

FIELD GEOLOGIST: M. HICKS

WATER LEVEL DATA SEE PG. 1

(Date, Time & Conditions) Sunny 70's 9/26/88

SAMPLE NO & TYPE	DEPTH (ft.)	BLOWS 6" OR ROD (ft.)	SAMPLE RECOVERY SAMPLE LENGTH	LITHOLOGY CHANGE (Depth, ft.)	MATERIAL DESCRIPTION*			USCS	REMARKS
					SOIL DENSITY CONSISTENCY OR ROCK HARDNESS	COLOR	MATERIAL CLASSIFICATION		
	25.0						1230		
2A5	26.0	10	1.1'		UNCONS	BRN	SS w/ SLTY CLY & cobbles	ML	V. WET
	27.0	12					poor sorted		
		11		TILL 27.5'					
	30.0						1415		
2A6	31.0	100/1.4	0.4'		DENSE	BRN Gy	SDY CLAY w/ cobbles	CL	MOIST
	32.0						X FROM 1500 ON 9/26 THRU 0800 ON 9/27 PERFORMED PERM TEST ON UPPER 5' OF TILL		
	35.0						9/27/88 0900		
2A7	36.0	50	1.0'		DENSE	Gy	TILL - SDY/SLTY CLAY	CL	V. MOIST
	37.0	100/1.5							
	40.0						1100		
2A8	41.0	62	0.7'		V. DENSE	Gy	TILL w/ ABNT QZ cobbles (Approx 2-5 mm)	CL	CLAY - 70% SLT - 20% SD - 10%
	42.0								
	45.0						1115		
2A9	46.0	NA	1.1A		NO SAMPLE		Bit SITTING ON BOULDER @	CL	SAMPLING POINT
	47.0						CONTINUE TO DRILL THRU		
							NEXT SAMPLING POINT @ 50'-52'		
	50.0								

REMARKS

BORING MW2A

BORING LOG

NUS CORPORATION

PROJECT: Byron Barrel
 PROJECT NO. 2725 / 161-2406
 ELEVATION: 645.24 GL
 WATER LEVEL DATA SEE PG. 1

DATE: 9/21/88

BORING NO. MW/2A
 DRILLER: B. LITTON/BCRT

FIELD GEOLOGIST: M. Hicks

(Date, Time & Conditions) Sunny windy 70's

SAMPLE NO. & TYPE	DEPTH (FT.)	BLOWS 6 OR ROD (")	SAMPLE RECOVERY SAMPLE LENGTH	LITHOLOGY CHANGE (Depth, Ft.)	MATERIAL DESCRIPTION*			USCS	REMARKS
					SOIL DENSITY, CONSISTENCY OR ROCK HARDNESS	COLOR	MATERIAL CLASSIFICATION		
	50.0						1130		
2A10	51.0	62 100/1.4	0.6'		J. Dense	Gy	Till w/ cobbles	CL	Poor Returns
	52.0								
	55.0						1155		
2A11	56.0	100/1.4	0.3		Dense	Gy	Till w/ cobbles or INCREASE	CL	Poor Returns
	57.0								
	60.0						1330		
2A12	61.0	NA	NA		NA	IMA	TILL-VERY HEAVILY COBBLED	CL	No sample due to heavy cobbles
	62.0								
	65.0						1350		
2A13	66.0	NA	NA		NA	NA	TILL AS ABU	CL	No sample due to heavy cobbles
	67.0								
	70.0						1430		
2A14	71.0	62 100/1.4	10.5'		U. Dense	Gy	Till w/ INCREASING COBBLES	CL	Poor Returns
	72.0								
	75.0								

REMARKS 2A13 + 2A12 NOT SAMPLED DUE TO HEAVY BOULDER

BORING MW/2A

PROJECT: Byrnes, Barneel

PROJECT NO. L725 / 161-2406

ELEVATION: 645.24' GL

WATER LEVEL DATA SEE PG 1

(Date, Time & Conditions) Pt Sunny 70's

BORING NO.: MW 2A

DRILLER: B. CAMBERET

DATE: 9/27/88

FIELD GEOLOGIST: M. H. CICS

[illegible]

REMARKS

Core 76'-81'

Recovered 3' TOTAL

BORING MW2A

PAGE 2 OF 4

NUS CORPORATION

BORING NO: n?w3A

DATE: 9/28/88

DRILLER: M SEILLER

ELEVATION: 641.50 66

FIELD GEOLOGIST: M. Hicks

WATER LEVEL DATA SEE WXS, Logbook

(Date, Time & Conditions) 9/28/88 Sunny 60's

REMARKS 4 3/4" ID, 8" OD AUGERS; CME 75 RIG
Dropping 140# WT $\approx$ 30" / Blow

BORING MUSA

PAGE 1 OF 3

BORING LOG

NUS CORPORATION

PROJECT: Byron Barrel
 PROJECT NO: 6725/161-2406
 ELEVATION: 641.50 GL
 WATER LEVEL DATA
 (Date, Time & Conditions) Sunny 60's

DATE: 9/29/88
 FIELD GEOLOGIST: M. Hicks

BORING NO: MW3A
 DRILLER: M. Seiler

SAMPLE NO & TYPE	DEPTH (ft.)	BLOWS 6" OR ROD (ft.)	SAMPLE RECOVERY SAMPLE LENGTH	LITHOLOGY CHANGE (Depth ft.)	MATERIAL DESCRIPTION*			USCS	REMARKS
					SOIL DENSITY CONSISTENCY OR ROCK HARDNESS	COLOR	MATERIAL CLASSIFICATION		
							1350		
3A9	53.0	NA	NA		NO	SAMPLE	COBBLES	CL	FCR #23
	54.0						↓		↓
							1400		
3A10	58.0	NA	NA		FRM	Gy	TILL - SLT	CL	FCR #23
	59.0						↓		↓
							1430		
	63.0	NA	NA		FRM	Gy	TILL - Cobbles	CL	"
	64.0						↓		↓
							1500		
	68.0	NA	NA		FRM	Gy	TILL COBBLES	CL	"
	69.0						↓		↓
							1530	CL	
	73.0								↓
	74.0			BED ROCK			DUE TO POOR DRILLING CONDITIONS THROUGH THE FINAL 6'-8'		
				74.0'			NO CORE WAS ATTEMPTED @ THIS LOCATION		

REMARKS Due to poor hole conditions no samples were taken thru the till in this well to assure the stability of the bore hole. (FCR #23)

BORING MW3A

* See Legend on Back

000853

PAGE 3 OF 3

NUS CORPORATION

BORING NO.: MWUA

PROJECT NO.: 6725 / 161-24DB

DATE: 10/4/88

DRILLER: M. Seiler

ELEVATION: 665.51 62

FIELD GEOLOGIST: *M. Hicks*

WATER LEVEL DATA SEE PG. 1

(Date, Time & Conditions) 10/4 PR12 CC09 SOS

REMARKS CORE HOLE FROM 97.5' - ~~103.5~~^{99.5} 'MCA 10/4/88

2' CORED: 1' RECOVERED

LS - DICKY ARG LS w/F CALL P 0 000054

BORING MW 4A

PAGE 4 OF 5

NUS CORPORATION

PROJECT NO. L725/161-24DB

ELEVATION: 665.51 64.

WATER LEVEL DATA SEE PG. 1

(Date, Time & Conditions) 10/4

DATE: 10/4/99

FIELD GEOLOGIST: *P. Hicks*

BORING NO: 177W 417

DRILLER: M. Seiller

DRIZ CUDY 50's

REMARKS _____BORING AW4H

BORING LOG

NUS CORPORATION

PROJECT: Byron Barrel
 PROJECT NO. L725/161-2LDB
 ELEVATION: 665.51 GL
 WATER LEVEL DATA SEE PG. 1
 (Date, Time & Conditions) 10/4

DATE: 10/4/88
 FIELD GEOLOGIST: M. Hicks

BORING NO.: MW4A
 DRILLER: M. Seiller

CLDY 50's

SAMPLE NO. & TYPE	DEPTH (ft.)	BLOWS 6" OR ROD (ft.)	SAMPLE RECOVERY SAMPLE LENGTH	LITHOLOGY CHANGE (Depth ft.)	MATERIAL DESCRIPTION*			USCS	REMARKS
					SOIL DENSITY CONSISTENCY OR ROCK HARDNESS	COLOR	MATERIAL CLASSIFICATION		
	25.0						0825 10/4/88		
4A5	26.0	NA	NA				NO SAMPLE DUE ABNT	-	
	27.0			SD 27.0'			BOULDERS		
							↓		
	30.0						0840		
4A6	31.0	11/12	1.8'		Loose	BRN	SD F-VF GR. SBang	SM	V WET
	32.0	17/15					med sorted		N20 @ 28-29'
							↓		
	35.0						0850		
4A7	36.0	5/7	1.2'		Loose	BRN	SD - VF - FGR, SLT	SM	Back to 2" span
	37.0	8/8					med sorted		V. WET
							↓		
	40.0						0905		
4A8	41.0	19/22	1.4'		Firm	BRN	SD - VFGR Cobbles	CM	V. WET
	42.0	27/20					med sorted		
							↓		
	45.0			TILL 44.0'			0920		
4A9	46.0	25/27	1.0'		Firm	BRN	TILL - clay w/SLT	ML	Packed hard
	47.0	60/75							
							↓		
							↓		

REMARKS * Samples @ 4A10 AND ON WILL BE TAKEN only @ changes of lithology noted during drilling and in drilling mud (FCR #24)

BORING MW4A

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* See Legend on Back

BORING LOG

NUS CORPORATION

PROJECT: Byron Barrel & Drum

BORING NO: MW 4A

PROJECT NO: L725 / 161-2404

DATE: 10/3/88

DRILLER: M. SEILER

ELEVATION: 665.51 GL

FIELD GEOLOGIST: M. HICKS

WATER LEVEL DATA SEE WCS, LOGBOOK FOR DETAILS

(Date, Time & Conditions) 10/3/88 cloudy windy 50's

SAMPLE NO. & TYPE	DEPTH (ft.)	BLOWS 6 OR ROD (ft.)	SAMPLE RECOVERY SAMPLE LENGTH	LITHOLOGY CHANGE (Depth ft.)	MATERIAL DESCRIPTION*			USCS	REMARKS
					SOIL DENSITY CONSISTENCY OR ROCK HARDNESS	COLOR	MATERIAL CLASSIFICATION		
NA	NA	NA	NA		Loose	DK BRN	SDW/ MUCK	PE	
	5.0						1315		
4A1	6.0	12	0.5'		Loose	BRN	SD + cobbles	SM	Dry
	7.0	13					U poor sorting	GM	
		12							
	10.0						1345		
4A2	11.0	6	0.3'		Loose	BRN	SD + cobbles	GM	Dry
	12.0	11					U. poor sorting		U. Poor Returns
		10							
	15.0						1400		
4A3	16.0	23	1.5'		Loose	BRN	SD + cobbles	GM	Dry - went to
	17.0	30					poor sorting		3" spoon for better
		22							sample returns
		19							
	20.0						1410		
4A4	21.0		0.6'		Loose	BRN	Cobbles + SD	GM	INCOR cobbles
	22.0						poor sorting		RD SS
							Ric down from 1415		- 1730
	25.0								

REMARKS 4 3/4" Augers ID, 8" OD Cme 7.5 RIG

BORING MW 4A

BORING LOG

NUS CORPORATION

PROJECT: Byron Bannel

BORING NO: MW5A

PROJECT NO: L725/161-2406

DATE: 10/6/88

DRILLER: M. SCHLICKER

ELEVATION: 637.04 GL

FIELD GEOLOGIST: M. TUCKS

WATER LEVEL DATA SEE WCS, LOGBOOK

(Date, Time & Conditions) 10/6/88

PT clay SDS

SAMPLE NO & TYPE	DEPTH (ft.)	BLOWS 6" OR ROD (ft.)	SAMPLE RECOVERY SAMPLE LENGTH	LITHOLOGY CHANGE (Depth ft.)	MATERIAL DESCRIPTION*			USCS	REMARKS
					SOIL DENSITY CONSISTENCY OR ROCK HARDNESS	COLOR	MATERIAL CLASSIFICATION		
	0.0			MOCK					
NA		NA	NA		LOOSE	BRN	MOCK	PE	
				SD			Prep location to drill by erecting		
							wind break shrubs 0830-1000		
				H2O			CLEAR LOCATION		
	5.0			3-4'			1030		
SA1	6.0	5	1.2'		Loose	GyBRN	SD w/interbed clay	SC	WET
	7.0	8					m-poor sorted		
		10							
	10.0						1040		
SA2	11.0	3	2.0'		Loose	BRN	SD w/ABNT CLAY	SC	U. WET
	12.0	9		clay			UF GR 1-2" clay		
		12					stringers		
	15.0						1050		
SA3	16.0	4	2.0'		Loose	BRN	SD - F-mgr Dec	SC	U. wet
	17.0	3					clay		
		3					med sorted		
	20.0						1100		
SA4	21.0	5	2.0'		Loose	BRN	SLTY SD	SM	
	22.0	5		fill			med sorted		
				22.0'					
	25.0								

REMARKS 4 3/4" ID 8" OD AUGER CME 75 RIC

140 #wt dropped 21 30" / Blows

BORING MW5A

BORING LOG

NUS CORPORATION

PROJECT: Byron Bannel + Drum

BORING NO: MW6A

PROJECT NO: L725/161-2C1D6

DATE: 10/17, 18/88

DRILLER: M. SEILLER

ELEVATION: 645.33 GL

FIELD GEOLOGIST: M. HICKS

WATER LEVEL DATA SEE WLS, LOG BOOK

(Date, Time & Conditions) pt CLD4 50's-60's

SAMPLE NO. & TYPE	DEPTH (FT.)	BLOWS 6" OR ROD (FT.)	SAMPLE RECOVERY SAMPLE LENGTH	LITHOLOGY CHANGE (Depth, Ft.)	MATERIAL DESCRIPTION*			USCS	REMARKS
					SOIL DENSITY CONSISTENCY OR ROCK HARDNESS	COLOR	MATERIAL CLASSIFICATION		
NA	1.0	NA	—		Loose	DK BRN	SD + MUCK	PL	
							↓		↓
	5.0						1315		
GA1	6.0	5/6	1.0'		Loose	BRN	SD - F to VF GR, SPARG	GM	Dry
	7.0	5/7					med sorted		↓
							↓		↓
	10.0						1325		
GA2	11.0	6/7	1.0'	H2O	Loose	BRN	SAND + GRAVEL	GM	U. MOIST
	12.0	8/8		11.0'			U. poor sorted		↓
							↓		↓
	15.0						1335	GP	
GA3	16.0	6/4	1.0'		Loose	BRN	GRAVEL + SD MIXED	GM	U. WET
	17.0	4/5					GOOD AQUIFER	ML	10/17
							U poor sorted		↓
	20.0						1345	GP	
GA4	21.0	5/3	0.6'		Loose		LG SD to GRAVEL	GM	U. WET
	22.0	4/4					GOOD AQUIFER	ML	10/17
							U. poor sorted		↓
							↓		↓

REMARKS 4 3/4" ID, 8" OD AUGERS ; 140# WT DRUMMER
 ~ 30" / BLOW

BORING MW6A

PAGE 1 OF 2

BORING LOG

NUS CORPORATION

PROJECT: Byron Barrel + Drum

BORING NO: MW7A

PROJECT NO: L725/161-2426 DATE: 10/25/88

DRILLER: M. SEILLET

ELEVATION: 638.93 GL

FIELD GEOLOGIST: M. Hicks

WATER LEVEL DATA see WCS, Logbook for details

(Date, Time & Conditions) 10/29 pt cldy 50's.

SAMPLE NO & TYPE	DEPTH (ft.)	BLOWS 6" OR ROD ("s)	SAMPLE RECOVERY SAMPLE LENGTH	LITHOLOGY CHANGE (Depth ft.)	MATERIAL DESCRIPTION*			USCS	REMARKS
					SOIL DENSITY, CONSISTENCY OR ROCK HARDNESS	COLOR	MATERIAL CLASSIFICATION		
NA	NA	NA	NA		U LOOSE	BLACK	MUCL	PE	Organic
	5.0			H ₂ O			1440		
7A1	6.0	7	1.2'	5.0'	LOOSE	BRN	SD F-LG GR ANg	SW	U. WET
	7.0	8					Poor sorted		
		10							
	10.0						1445		
7A2	11.0	6	1.0'		LOOSE	BRN	SD w/ INCR. GRAVEL	GM	U. WET
	12.0	7		GRAVEL			U Poor sort		
		12							
	15.0			BED			1450		
7A3	16.0	4	2.0'		LOOSE		GRAVEL + SD	GM	ABNT H ₂ O
	17.0	3					U. Poor Sorted		
		4							
		6							
	20.0						1500		
7A4	21.0	4	1.2'		LOOSE		SD + GRAVEL	GM	ABNT H ₂ O
	22.0	2							
		4							
	23.0			TILL			1515		
7A5	24.0	52		23.0'	FRM	Brn Gy	TILL - SCTY CLAY		
		75							
	25.0								

REMARKS 4 3/4" ID, 8" OD Augers; 140# wt. dropped = 30" / blow

BORING MW7A

BORING LOG

NUS CORPORATION

PROJECT: Byron Barrel + Drum

BORING NO: MW7A

PROJECT NO: L725 / 161-24126

DATE: 10/19-25/88

DRILLER: M. SEILLER

ELEVATION: 638.98 6L

FIELD GEOLOGIST: M. HICKS

WATER LEVEL DATA SEE PG. 1

(Date, Time & Conditions) 10/19, 24/88

SAMPLE NO. & TYPE	DEPTH (ft.)	BLOWS 6" OR ROD (ft.)	SAMPLE RECOVERY SAMPLE LENGTH	LITHOLOGY CHANGE (Depth ft.)	MATERIAL DESCRIPTION*		USCS	REMARKS
					SOIL DENSITY CONSISTENCY OR ROCK HARDNESS	COLOR		
	25.0							
7A6	29.0	100.4	0.4'					
	30.0							
	33.0							
7A7	34.0	100.4	1.4'					
NA	38.0	NA	NA					
	39.0							
NA	43.0	NA	NA					
	44.0							
NA	48.0	NA	NA					
	49.0							

REMARKS After entering Till samples taken only @ changes noted in cuttings, color of mud, or drilling characteristics (SEE FCIR BOOK)

BORING MW7A

PAGE 2 OF 3

* See Legend on Back

000863

BORING LOG

NUS CORPORATION

PROJECT: Lyrnm Barrel + Drum

BORING NO.: MW7A

PROJECT NO.: L725/161-2LD6

DATE: 10/24/88

DRILLER: M. SEICLER

ELEVATION: 638.98 66

FIELD GEOLOGIST: M. Hicks

WATER LEVEL DATA: SEE Pg 1

(Date, Time & Conditions) 10/24 ptcldy 40's

SAMPLE NO & TYPE	DEPTH (ft.)	BLOWS 6 OR ROD (ft.)	SAMPLE RECOVERY SAMPLE LENGTH	LITHOLOGY CHANGE (Depth ft.)	MATERIAL DESCRIPTION*			USCS	REMARKS
					SOIL DENSITY CONSISTENCY OR ROCK HARDNESS	COLOR	MATERIAL CLASSIFICATION		
NA	53.0	NA	NA		V.Frm	Gy	Till - U. silty clay	CL	
	54.0						w/abnt cobbles		
							1400		
NA	58.0	NA	NA		V.Frm	Gy	Till - asabu	CL	
	59.0								
NA	63.0	NA	NA		V.Frm	Gy	Till - Asabu	CL	
	64.0								
7AB	68.0	104.5	0.0'		V.Frm	Gy	Till - NO RECOVERY IN	CL	
	69.0						SS sample		
	72.0			BED			1450		
	73.0			ROCK 72.0'			CORE FROM 72'-77'		
	74.0						5' ATTEMPTED		TOTAL DEPTH 77'
	75.0						4' RECOVERED		

REMARKS: 16.0 (72'-77')
 77.0 CORE - Gy-DKgy Ufirm-hd Arg. LS; some free
 calc NO APPARENT ch; THRU 1'-1.5' any observable
 fractures were infilled w/ calc strals

BORING MW7A

* See Legend on Back

50086 PAGE 3 OF 3

BORING LOG

NUS CORPORATION

PROJECT: Byron Barrel & Drum

BORING NO: MW8B

PROJECT NO: L725/161-246 DATE: 10/25/88

DRILLER: M. SEILLER

ELEVATION: 639.76 64

FIELD GEOLOGIST: M. HICKS

WATER LEVEL DATA SEE WCS, logbooks for details (WATER LEVEL WELL ONLY)

(Date, Time & Conditions)

10/25/88 405. - Cloudy

SAMPLE NO & TYPE	DEPTH (ft.)	BLOWS 6 OR ROD (ft.)	SAMPLE RECOVERY SAMPLE LENGTH	LITHOLOGY CHANGE (DEPTH ft.)	MATERIAL DESCRIPTION*			USCS	REMARKS
					SOIL DENSITY CONSISTENCY OR ROCK HARDNESS	COLOR	MATERIAL CLASSIFICATION		
NA				SD 2.0'	Loose	BLACK	1310 MUCK	PL	VERY ORGANIC
							↓		↓
							V		V
NA	5.0	NA	NA		Loose	BRN	SD - FLOWING VFG - MGR SCTY Poor SORTING	SM	WET
							↓		↓
							V		V
NA	10.0	NA	NA		Loose	BRN	SD - ASABU	SM	V. WET
							↓		↓
							V		V
NA	15.0	NA	NA		Loose		SD - ASABU	SM	V. WET
							1315		

REMARKS SS Samples not Taken Due To Abnt. N2O +
 FLOWING NATURE OF SANDS - SAMPLE DESCRIPTIONS
 FROM BORING MATERIAL

BORING MW8B

* See Legend on Back

000865 PAGE 1 OF 1

NUS CORPORATION

BORING NO: MW9B

DATE: 10/27/88

DRILLER: M. SEILLER

ELEVATION: 644.09 64

FIELD GEOLOGIST: *M. Nick*

WATER LEVEL DATA SEE WLS, Logbooks for Details (WATER LEVEL WELL ONLY)

(Date, Time & Conditions) 10/27/88 40's Cloudy

REMARKS SS Samples not taken due to Abnt H₂O + Flowing SP.
Sample descriptions derived from boring material

BORING MW9B

BORING LOG

NUS CORPORATION

PROJECT: Byron Barrel & Drum

BORING NO. MW10B

PROJECT NO. L725/141-2LD6

DATE: 10/31/88

DRILLER: M. Sciller

ELEVATION: 641.59' GL

FIELD GEOLOGIST: M. Hicks

WATER LEVEL DATA: SEE WCS, LOGBOOKS FOR DETAILS (WATER LEVEL WELL)

(Date, Time & Conditions) 10/31/88 CLEAR 40's

SAMPLE NO. & TYPE	DEPTH (ft.)	BLOWS 6" OR ROD (ft.)	SAMPLE RECOVERY SAMPLE LENGTH	LITHOLOGY CHANGE (Depth, ft.)	MATERIAL DESCRIPTION*			USCS	REMARKS
					SOIL DENSITY CONSISTENCY OR ROCK HARDNESS	COLOR	MATERIAL CLASSIFICATION		
NA	NA	NA	NA		Loose	BRN	SD w/ GRAVEL + Abnt 1400 SILT IN PT	GM	DRY
	5.0				Loose	BRN	SD w/ GRAVEL on INCREASE	GP	MOIST
	10.0				Loose	BRN	SD + GRAVEL	GP	U. WET Abnt H ₂ O GOOD AQUIFER
	15.0				Loose	BRN	SD + GRAVEL	GP	AS ABU
✓	20.0	✓	✓		Loose	BRN	SD + GRAVEL 1415	GP	AS ABU

REMARKS SS SAMPLES NOT TAKEN DUE TO ABNT H₂O & UNSTABLE

CONDITIONS OF SD + GRAVEL

SAMPLE DESCRIPTIONS FROM AUGERED MATERIAL

BORING MW10B

* See Legend on Back

000867 PAGE 1 OF 1

NUS CORPORATION

BORING NO: MW11B

DATE: 11/1/85

DRILLER: M. SEILLER

ELEVATION: 636.26' 64

FIELD GEOLOGIST: *M. Nick*

WATER LEVEL DATA SEE WLS, LOGBOOKS FOR DETAILS (WATER LEVEL WELL ONLY)

(Date, Time & Conditions) 11/1 40's cloudy

PAGE 1 OF 1

* See Legend on Back

000868

NUS CORPORATION

BORING NO.: MW14B

PROJECT NO. 6725/161-24126

DATE: 11/2/83

DRILLER: M. SETTLER

ELEVATION: 637.57' 64

FIELD GEOLOGIST: M. NICKS

WATER LEVEL DATA SEE WCS, Logbooks For DETAILS

(Date, Time & Conditions) 11/2/83 CLOUDY/RAIN/WIND 40S

REMARKS SS SAMPLES NOT TAKEN DUE TO ABNT H₂O
DESCRIPTIONS MADE FROM AUGURED MATERIAL

BORING MW14B

C

000872

APPENDIX C
MONITORING WELL CONSTRUCTION DIAGRAMS

000873

OVERBURDEN MONITORING WELL SHEET

PROJECT <u>Byron Barrel & Drum</u>	LOCATION <u>Byron N.Y.</u>	DRILLER <u>B. LAMBERT</u>
PROJECT NO. <u>4725/161-2406</u>	BORING <u>MW1A</u>	DRILLING METHOD <u>ROCKET/MUD</u>
ELEVATION <u>641.27'</u>	DATE <u>9/22/88</u>	DEVELOPMENT METHOD <u>PUMP/AIR</u>
FIELD GEOLOGIST <u>M. HICKS</u>		

GROUND ELEVATION * TOTAL DEPTH OF AUGERED HOLE @ 27.0' - WELL DEEPENED FROM 27.0' TO 75.0' THRU GLACIAL TILL TO TOP OF BEDROCK. WELL CORED FROM 75.0' - 77.5', THEN BACKFILLED W/ BENTONITE TO 35.0' IN PREPARATION TO SET WELL.	ELEVATION OF TOP OF SURFACE CASING :	<u>643.62</u>
	ELEVATION OF TOP OF RISER PIPE :	<u>643.13</u>
	STICK - UP TOP OF SURFACE CASING :	<u>2.35</u>
	STICK - UP RISER PIPE :	<u>1.86</u>
	TYPE OF SURFACE SEAL: <u>CEMENT GROUT</u>	
	I.D. OF SURFACE CASING: <u>6"</u>	
	TYPE OF SURFACE CASING: <u>STEEL</u>	
	RISER PIPE I.D. <u>2"</u>	
	TYPE OF RISER PIPE: <u>STAINLESS STEEL</u>	
	BOREHOLE DIAMETER: <u>8"</u>	
	TYPE OF BACKFILL: <u>CEMENT GROUT</u>	
	ELEVATION / DEPTH TOP OF SEAL:	<u>628.37 / 12.9</u>
	TYPE OF SEAL: <u>Bentonite Pellets</u>	
	DEPTH TOP OF SAND PACK:	<u>626.77 / 14.5</u>
	ELEVATION / DEPTH TOP OF SCREEN:	<u>624.27 / 17.0</u>
TYPE OF SCREEN: <u>STAINLESS</u>		
SLOT SIZE x LENGTH: <u>.02" x 10'</u>		
I.D. OF SCREEN: <u>2"</u>		
TYPE OF SAND PACK: <u>#0</u>		
ELEVATION / DEPTH BOTTOM OF SCREEN:	<u>614.27 / 27.0</u>	
ELEVATION / DEPTH BOTTOM OF SAND PACK:	<u>606.27 / 35.0</u>	
TYPE OF BACKFILL BELOW OBSERVATION WELL: <u>BENTONITE (HOLE PLUG)</u>		
ELEVATION / DEPTH OF HOLE: *	<u>567.74 / 77.5</u>	

000874

OVERBURDEN MONITORING WELL SHEET

PROJECT <u>Byron Barrel & Drum</u> PROJECT NO. <u>4725/161-2406</u> ELEVATION <u>641.77'</u> FIELD GEOLOGIST <u>M. HICKS</u>	LOCATION <u>Byron N.Y.</u> BORING <u>MW1B</u> DATE <u>9/22/88</u>	DRILLER <u>B. LAMBERT</u> DRILLING METHOD <u>AUGER</u> DEVELOPMENT METHOD <u>PUMP</u>

ELEVATION OF TOP OF SURFACE CASING: 644.47
 ELEVATION OF TOP OF RISER PIPE: 643.95
 STICK - UP TOP OF SURFACE CASING: 2.70
 STICK - UP RISER PIPE: 2.18
 TYPE OF SURFACE SEAL: CEMENT GROUT
 I.D. OF SURFACE CASING: 6"
 TYPE OF SURFACE CASING: STEEL
 RISER PIPE I.D.: 2"
 TYPE OF RISER PIPE: STAINLESS STEEL
 BOREHOLE DIAMETER: 8"
 TYPE OF BACKFILL: CEMENT GROUT
 ELEVATION / DEPTH TOP OF SEAL: 639.77 / 2.0
 TYPE OF SEAL: BENTONITE PELLETS
 DEPTH TOP OF SAND PACK: 638.77 / 3.0
 ELEVATION / DEPTH TOP OF SCREEN: 637.77 / 4.0
 TYPE OF SCREEN: STAINLESS STEEL
 SLOT SIZE x LENGTH: .02" x 10'
 I.D. OF SCREEN: 2"
 TYPE OF SAND PACK: #0
 ELEVATION / DEPTH BOTTOM OF SCREEN: 627.77 / 14.0
 ELEVATION / DEPTH BOTTOM OF SAND PACK: 627.77 / 14.0
 TYPE OF BACKFILL BELOW OBSERVATION WELL: NATURAL SAND
 ELEVATION / DEPTH OF HOLE: 627.77 / 14.0

000875

OVERBURDEN MONITORING WELL SHEET

PROJECT Byron Barrel + Drum
PROJECT NO. 4725/161-2406
ELEVATION 645.24'
FIELD GEOLOGIST M. Nicks

LOCATION Byron N.Y.
BORING MW 2A
DATE 9/28/88

DRILLER B. Lambert
DRILLING
METHOD AUGER/MWD
DEVELOPMENT
METHOD PUMP

	ELEVATION OF TOP OF SURFACE CASING:	<u>647.39</u>
	ELEVATION OF TOP OF RISER PIPE:	<u>646.86</u>
	STICK - UP TOP OF SURFACE CASING:	<u>2.15</u>
	STICK - UP RISER PIPE:	<u>1.62</u>
	TYPE OF SURFACE SEAL: <u>CEMENT GROUT</u>	
	I.D. OF SURFACE CASING: <u>6"</u>	
	TYPE OF SURFACE CASING: <u>STEEL</u>	
	RISER PIPE I.D. <u>2"</u>	
	TYPE OF RISER PIPE: <u>STAINLESS STEEL</u>	
	BOREHOLE DIAMETER: <u>8"</u>	
	TYPE OF BACKFILL: <u>CEMENT GROUT</u>	
	ELEVATION / DEPTH TOP OF SEAL:	<u>631.24 / 14.0</u>
	TYPE OF SEAL: <u>BENTONITE PELLETS</u>	
	DEPTH TOP OF SAND PACK:	<u>629.24 / 16.0</u>
	ELEVATION / DEPTH TOP OF SCREEN:	<u>627.74 / 17.5</u>
TYPE OF SCREEN: <u>STAINLESS STEEL</u>		
SLOT SIZE x LENGTH: <u>.02" x 10'</u>		
I.D. OF SCREEN: <u>2"</u>		
TYPE OF SAND PACK: <u>#0</u>		
ELEVATION / DEPTH BOTTOM OF SCREEN:	<u>617.74 / 27.5</u>	
ELEVATION / DEPTH BOTTOM OF SAND PACK:	<u>616.24 / 29.0</u>	
TYPE OF BACKFILL BELOW OBSERVATION WELL: <u>BENTONITE (HOLEPLUG)</u>		
ELEVATION / DEPTH OF HOLE: *	<u>584.24 / 81.0</u>	

* WELL AUGERED TO 27.5'. DRILLING ADVANCED FROM 27.5' w/ ROLLER BIT THRU GLACIAL TILL TO TOP OF BEDROCK @ 76.0'. WELL CORED FROM 76.0' TO 81.0'. WELL BACK FILLED w/ BENTONITE FROM 81.0' TO 29.0' IN PREPARATION TO SET WELL.

OVERBURDEN MONITORING WELL SHEET

PROJECT <u>Byron Barrel & Drum</u>	LOCATION <u>Byron NY</u>	DRILLER <u>B. LAMBERT</u>
PROJECT NO. <u>LT25/161-2476</u>	BORING <u>MW213</u>	DRILLING METHOD <u>AUGER</u>
ELEVATION <u>644.91'</u>	DATE <u>9/23/88</u>	DEVELOPMENT METHOD <u>PUMP</u>
FIELD GEOLOGIST <u>M. TICKS</u>		

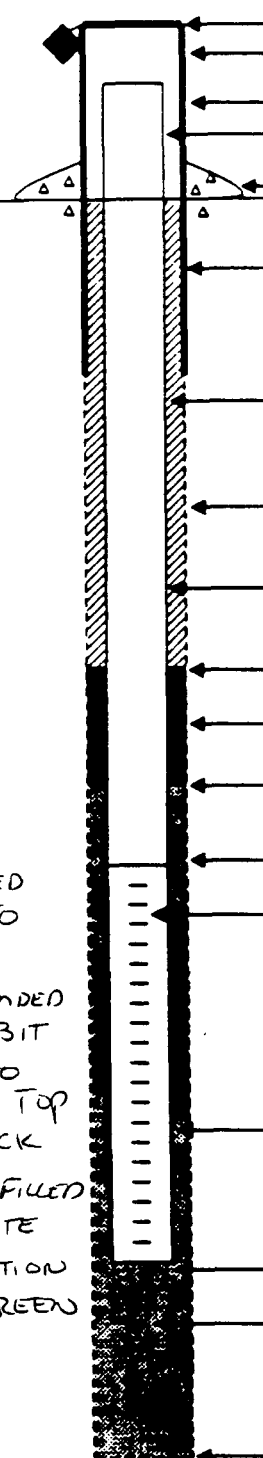
	ELEVATION OF TOP OF SURFACE CASING:	<u>647.38</u>
	ELEVATION OF TOP OF RISER PIPE:	<u>646.87</u>
	STICK-UP TOP OF SURFACE CASING:	<u>2.47'</u>
	STICK-UP RISER PIPE:	<u>1.96'</u>
	TYPE OF SURFACE SEAL: <u>CEMENT GROUT</u>	
	I.D. OF SURFACE CASING: <u>6"</u>	
	TYPE OF SURFACE CASING: <u>STEEL</u>	
	RISER PIPE I.D. <u>2"</u>	
	TYPE OF RISER PIPE: <u>STAINLESS STEEL</u>	
	BOREHOLE DIAMETER: <u>8"</u>	
	TYPE OF BACKFILL: <u>CEMENT GROUT</u>	
	ELEVATION / DEPTH TOP OF SEAL:	<u>641.91 / 3.0</u>
	TYPE OF SEAL: <u>BENTONITE PELLETS</u>	
	DEPTH TOP OF SAND PACK:	<u>640.91 / 4.0</u>
	ELEVATION / DEPTH TOP OF SCREEN:	<u>639.91 / 5.0</u>
TYPE OF SCREEN: <u>STAINLESS STEEL</u>		
SLOT SIZE x LENGTH: <u>.02" x 10'</u>		
I.D. OF SCREEN: <u>2"</u>		
TYPE OF SAND PACK: <u>#0</u>		
ELEVATION / DEPTH BOTTOM OF SCREEN:	<u>629.91 / 15.0</u>	
ELEVATION / DEPTH BOTTOM OF SAND PACK:	<u>629.91 / 15.0</u>	
TYPE OF BACKFILL BELOW OBSERVATION WELL: <u>NATURAL SAND</u>		
ELEVATION / DEPTH OF HOLE:	<u>629.91 / 15.0</u>	

000877

OVERBURDEN MONITORING WELL SHEET

PROJECT Byram Barrel + Drum LOCATION Byram N.Y.
PROJECT NO. 6725/161-2406 BORING MW 3A
ELEVATION 641.50 DATE 7/29/88
FIELD GEOLOGIST M. Hicks

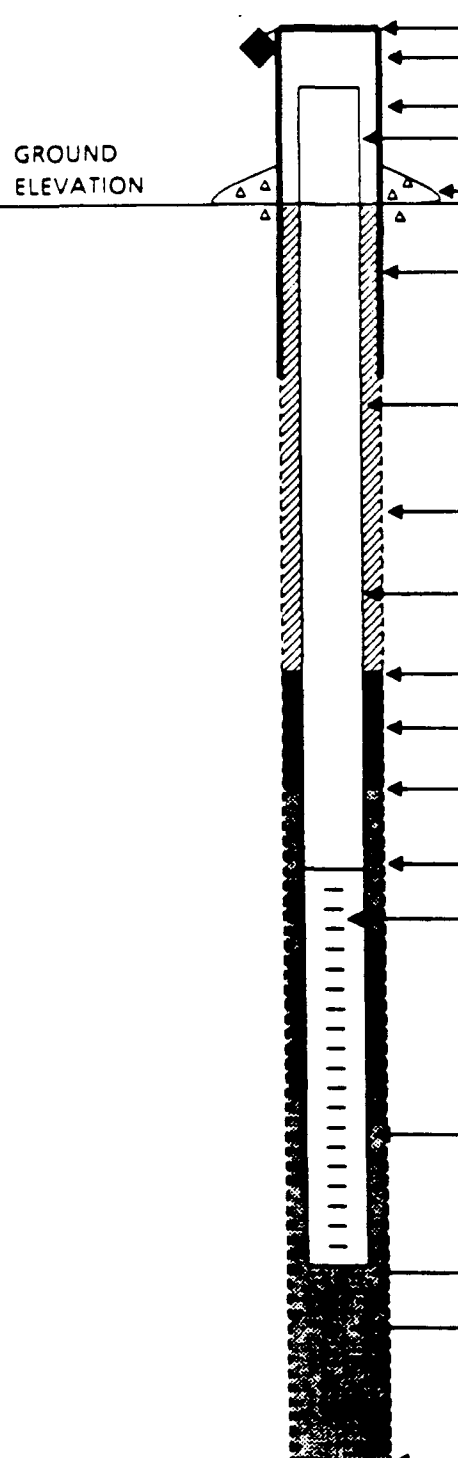
DRILLER M. SEILER
DRILLING
METHOD AUGER
DEVELOPMENT
METHOD Pump

 GROUND ELEVATION	ELEVATION OF TOP OF SURFACE CASING:	<u>643.36</u>
	ELEVATION OF TOP OF RISER PIPE:	<u>642.84</u>
	STICK - UP TOP OF SURFACE CASING:	<u>1.36</u>
	STICK - UP RISER PIPE:	<u>1.34</u>
	TYPE OF SURFACE SEAL:	<u>CEMENT GROUT</u>
	I.D. OF SURFACE CASING:	<u>6"</u>
	TYPE OF SURFACE CASING:	<u>STEEL</u>
	RISER PIPE I.D.:	<u>2"</u>
	TYPE OF RISER PIPE:	<u>STAINLESS STEEL</u>
	BOREHOLE DIAMETER:	<u>8"</u>
	TYPE OF BACKFILL:	<u>CEMENT GROUT</u>
	ELEVATION / DEPTH TOP OF SEAL:	<u>633.50/8.0</u>
	TYPE OF SEAL:	<u>BENTONITE PELLETS</u>
	DEPTH TOP OF SAND PACK:	<u>631.50/10.0</u>
	ELEVATION / DEPTH TOP OF SCREEN:	<u>629.50/11.0</u>
TYPE OF SCREEN:	<u>STAINLESS STEEL</u>	
SLOT SIZE x LENGTH:	<u>.02" x 10'</u>	
I.D. OF SCREEN:	<u>2"</u>	
TYPE OF SAND PACK:	<u>#0</u>	
ELEVATION / DEPTH BOTTOM OF SCREEN:	<u>627.50/21.0</u>	
ELEVATION / DEPTH BOTTOM OF SAND PACK:	<u>625.50/23.0</u>	
TYPE OF BACKFILL BELOW OBSERVATION WELL:	<u>BENTONITE (HOLE PLUG)</u>	
ELEVATION / DEPTH OF HOLE:	<u>567.50/74.0</u>	

* WELL DRILLED
W/ AUGER TO
23.0'
- WELL EXTENDED
W/ ROLLER BIT
TO 74.0' TO
PINPOINT TOP
OF BEDROCK
- WELL BACKFILLED
W/ BENTONITE
IN PREPARATION
TO SET SCREEN
@ 21.0'

OVERBURDEN MONITORING WELL SHEET

PROJECT <u>Byram Barrel + Drum</u>	LOCATION <u>Byram N.Y.</u>	DRILLER <u>M. SEILER</u>
PROJECT NO. <u>4725/161-2406</u>	BORING <u>MW</u>	DRILLING METHOD <u>AUGER</u>
ELEVATION <u>642.14'</u>	DATE <u>9/30/88</u>	DEVELOPMENT METHOD <u>PUMP</u>
FIELD GEOLOGIST <u>M. HICKS</u>		

	ELEVATION OF TOP OF SURFACE CASING:	<u>644.33</u>
	ELEVATION OF TOP OF RISER PIPE:	<u>643.65</u>
	STICK - UP TOP OF SURFACE CASING:	<u>2.19</u>
	STICK - UP RISER PIPE:	<u>1.51</u>
	TYPE OF SURFACE SEAL:	<u>CEMENT GROUT</u>
	I.D. OF SURFACE CASING:	<u>6"</u>
	TYPE OF SURFACE CASING:	<u>STEEL</u>
	RISER PIPE I.D.:	<u>2"</u>
	TYPE OF RISER PIPE:	<u>STAINLESS STEEL</u>
	BOREHOLE DIAMETER:	<u>8"</u>
	TYPE OF BACKFILL:	<u>CEMENT GROUT</u>
	ELEVATION / DEPTH TOP OF SEAL:	<u>641.14 / 1.0</u>
	TYPE OF SEAL:	<u>BENTONITE PELLETS</u>
	DEPTH TOP OF SAND PACK:	<u>639.14 / 3.0</u>
	ELEVATION / DEPTH TOP OF SCREEN:	<u>638.14 / 4.0</u>
TYPE OF SCREEN:	<u>STAINLESS STEEL</u>	
SLOT SIZE x LENGTH:	<u>.02" x 10'</u>	
I.D. OF SCREEN:	<u>2"</u>	
TYPE OF SAND PACK:	<u>#0</u>	
ELEVATION / DEPTH BOTTOM OF SCREEN:	<u>628.14 / 14.0</u>	
ELEVATION / DEPTH BOTTOM OF SAND PACK:	<u>628.14 / 14.0</u>	
TYPE OF BACKFILL BELOW OBSERVATION WELL:	<u>NATURAL SAND</u>	
ELEVATION / DEPTH OF HOLE:	<u>628.14 / 14.0</u>	

OVERBURDEN MONITORING WELL SHEET

PROJECT Byron Barrel & Drum LOCATION Byron, N.Y.
PROJECT NO. 6725/161-2606 BORING MW4A
ELEVATION 665.51 DATE 10/5/88
FIELD GEOLOGIST M. Hicks

DRILLER M. SEILER
DRILLING
METHOD AUGER/INDVD
DEVELOPMENT
METHOD APR

	ELEVATION OF TOP OF SURFACE CASING :	<u>667.87</u>
	ELEVATION OF TOP OF RISER PIPE :	<u>667.35</u>
	STICK - UP TOP OF SURFACE CASING :	<u>2.36</u>
	STICK - UP RISER PIPE :	<u>1.84</u>
	TYPE OF SURFACE SEAL: <u>CEMENT GROUT</u>	
	I.D. OF SURFACE CASING: <u>6"</u>	
	TYPE OF SURFACE CASING: <u>STEEL</u>	
	RISER PIPE I.D. <u>2"</u>	
	TYPE OF RISER PIPE: <u>STAINLESS STEEL</u>	
	BOREHOLE DIAMETER: <u>8"</u>	
	TYPE OF BACKFILL: <u>CEMENT GROUT</u>	
	ELEVATION / DEPTH TOP OF SEAL: <u>636.51 / 29.0</u>	
	TYPE OF SEAL: <u>Bentonite Pellets</u>	
	DEPTH TOP OF SAND PACK: <u>634.51 / 31.0</u>	
	ELEVATION / DEPTH TOP OF SCREEN: <u>631.51 / 34.0</u>	
TYPE OF SCREEN: <u>Stainless Steel</u>		
SLOT SIZE x LENGTH: <u>.02" x 10'</u>		
I.D. OF SCREEN: <u>2"</u>		
TYPE OF SAND PACK: <u>#0</u>		
ELEVATION / DEPTH BOTTOM OF SCREEN: <u>621.51 / 44.0</u>		
ELEVATION / DEPTH BOTTOM OF SAND PACK: <u>619.51 / 46.0</u>		
TYPE OF BACKFILL BELOW OBSERVATION WELL: <u>BENTONITE (HOLEPLUG)</u>		
ELEVATION / DEPTH OF HOLE: *	<u>566.01 / 99.5</u>	

* WELL AUGERED TO 44.0' @ TOP OF GLACIAL TILL. TILL Drilled from 44.0' TO 97.5' @ TOP OF BEDROCK. BEDROCK CORED from 97.5' TO 99.5'. WELL BACK FILLED W/ BENTONITE (HOLEPLUG) TO 46.0' in Preparation to set the well.

OVERBURDEN MONITORING WELL SHEET

PROJECT Byron Barrel + Drum
PROJECT NO. L725/161-2426
ELEVATION 637.04'
FIELD GEOLOGIST M. Hicks

LOCATION Byron N.Y.
BORING MW5A
DATE 10/6/88

DRILLER M. SEILER
DRILLING
METHOD AUGER
DEVELOPMENT
METHOD PUMP

	ELEVATION OF TOP OF SURFACE CASING :	<u>638.69</u>
	ELEVATION OF TOP OF RISER PIPE :	<u>638.17</u>
	STICK - UP TOP OF SURFACE CASING :	<u>1.65</u>
	STICK - UP RISER PIPE :	<u>1.13</u>
	TYPE OF SURFACE SEAL: <u>CEMENT GROUT</u>	
	I.D. OF SURFACE CASING: <u>6"</u>	
	TYPE OF SURFACE CASING: <u>STEEL</u>	
	RISER PIPE I.D. <u>2"</u>	
	TYPE OF RISER PIPE: <u>STAINLESS STEEL</u>	
	BOREHOLE DIAMETER: <u>8"</u>	
	TYPE OF BACKFILL: <u>CEMENT GROUT</u>	
	ELEVATION / DEPTH TOP OF SEAL:	<u>628.04 / 9.0</u>
	TYPE OF SEAL: <u>BENTONITE PELLETS</u>	
	DEPTH TOP OF SAND PACK:	<u>626.04 / 11.0</u>
	ELEVATION / DEPTH TOP OF SCREEN:	<u>624.04 / 13.0</u>
TYPE OF SCREEN: <u>STAINLESS STEEL</u>		
SLOT SIZE x LENGTH: <u>.02" x 10'</u>		
I.D. OF SCREEN: <u>2"</u>		
TYPE OF SAND PACK: <u>#0</u>		
ELEVATION / DEPTH BOTTOM OF SCREEN:	<u>614.04 / 23.0</u>	
ELEVATION / DEPTH BOTTOM OF SAND PACK:	<u>613.04 / 24.0</u>	
TYPE OF BACKFILL BELOW OBSERVATION WELL: <u>BENTONITE (HOLEPLUG)</u>		
ELEVATION / DEPTH OF HOLE: <u>X</u>	<u>607.04 / 30.0</u>	

* WELL DRILLED TO 23.0' @ GLACIAL TILL. 3" FLUSH JOINT PIPE INSERTED + DRIVEN TO 25.0'. WELL DRILLED AHEAD TO 30.0' FOR PLANNED PERM TEST ON TILL. WELL BACKFILLED TO TOP OF TILL @ 24.0' IN PREPARATION TO SET SCREEN

OVERBURDEN MONITORING WELL SHEET

PROJECT Byron Barrel + Drum
PROJECT NO. 4725(161-2406)
ELEVATION 636.67'
FIELD GEOLOGIST M. Hicks

LOCATION Byron N.Y.
BORING MW513
DATE 10/7/88

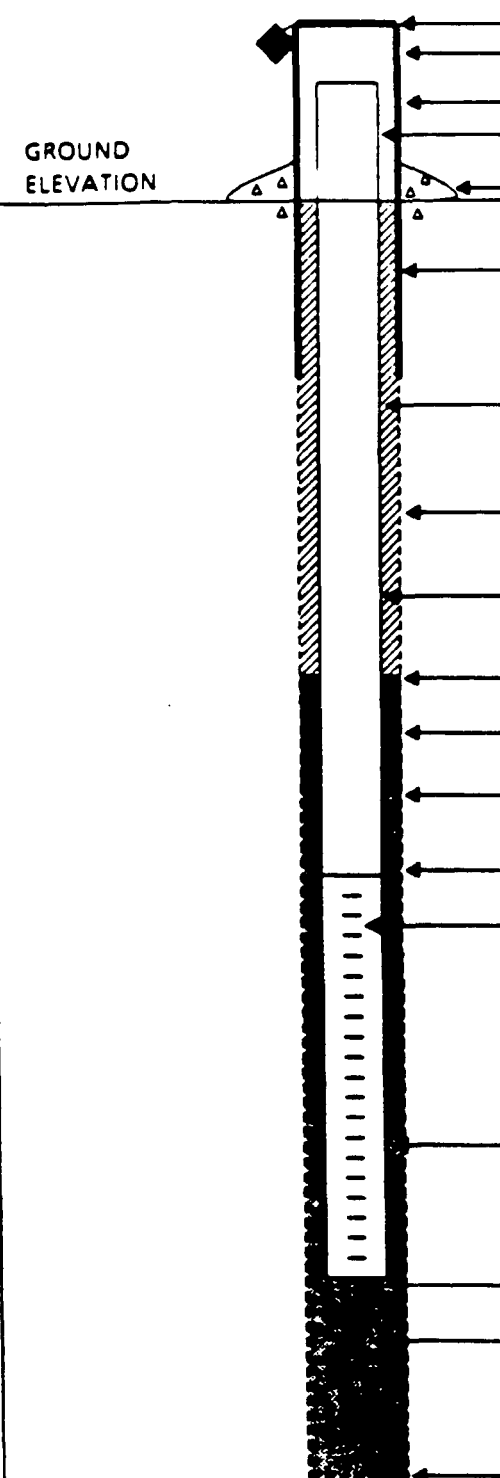
DRILLER M. SEILLER
DRILLING
METHOD Auger
DEVELOPMENT
METHOD Pump

	ELEVATION OF TOP OF SURFACE CASING:	<u>639.01</u>
	ELEVATION OF TOP OF RISER PIPE:	<u>638.32</u>
	STICK - UP TOP OF SURFACE CASING:	<u>2.34</u>
	STICK - UP RISER PIPE:	<u>1.65</u>
	GROUND ELEVATION	
	TYPE OF SURFACE SEAL:	<u>CEMENT GROUT</u>
	I.D. OF SURFACE CASING:	<u>6"</u>
	TYPE OF SURFACE CASING:	<u>STEEL</u>
	RISER PIPE I.D.	<u>2"</u>
	TYPE OF RISER PIPE:	<u>STAINLESS STEEL</u>
	BOREHOLE DIAMETER:	<u>8"</u>
	TYPE OF BACKFILL:	<u>CEMENT GROUT</u>
	ELEVATION / DEPTH TOP OF SEAL:	<u>635.17 / 1.5</u>
	TYPE OF SEAL:	<u>BENTONITE PELLETS</u>
	DEPTH TOP OF SAND PACK:	<u>633.67 / 3.0</u>
ELEVATION / DEPTH TOP OF SCREEN:	<u>632.67 / 4.0</u>	
TYPE OF SCREEN:	<u>STAINLESS</u>	
SLOT SIZE x LENGTH:	<u>.02" x 10'</u>	
I.D. OF SCREEN:	<u>2"</u>	
TYPE OF SAND PACK:	<u>#0</u>	
ELEVATION / DEPTH BOTTOM OF SCREEN:	<u>622.67 / 14.0</u>	
ELEVATION / DEPTH BOTTOM OF SAND PACK:	<u>621.67 / 15.0</u>	
TYPE OF BACKFILL BELOW OBSERVATION WELL:	<u>NATURAL SAND</u>	
ELEVATION / DEPTH OF HOLE:	<u>621.67 / 15.0</u>	

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OVERBURDEN MONITORING WELL SHEET

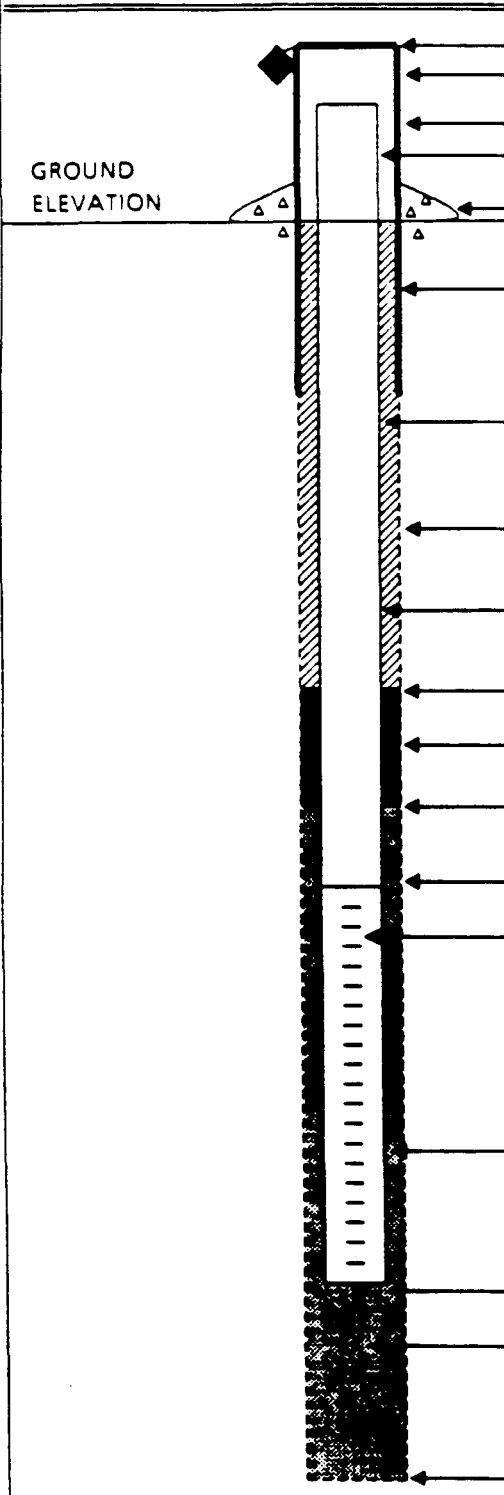
PROJECT <u>Byron Bannel + Drum</u>	LOCATION <u>Byron N.Y.</u>	DRILLER <u>M. SEILLER</u>
PROJECT NO. <u>L725/161-2426</u>	BORING <u>MUGA</u>	DRILLING METHOD <u>AUGER/MUD</u>
ELEVATION <u>645.33' GL</u>	DATE <u>10/18/89</u>	DEVELOPMENT METHOD <u>Pump</u>
FIELD GEOLOGIST <u>M. Hicks</u>		

	ELEVATION OF TOP OF SURFACE CASING:	<u>647.06</u>
	ELEVATION OF TOP OF RISER PIPE:	<u>646.55</u>
	STICK - UP TOP OF SURFACE CASING:	<u>1.73</u>
	STICK - UP RISER PIPE:	<u>1.22</u>
	TYPE OF SURFACE SEAL:	<u>CEMENT GROUT</u>
	I.D. OF SURFACE CASING:	<u>6"</u>
	TYPE OF SURFACE CASING:	<u>STEEL</u>
	RISER PIPE I.D.:	<u>2"</u>
	TYPE OF RISER PIPE:	<u>STAINLESS STEEL</u>
	BOREHOLE DIAMETER:	<u>8"</u>
	TYPE OF BACKFILL:	<u>CEMENT GROUT</u>
	ELEVATION / DEPTH TOP OF SEAL:	<u>633.33 / 12.0</u>
	TYPE OF SEAL:	<u>BENTONITE</u>
	DEPTH TOP OF SAND PACK:	<u>630.33 / 15.0</u>
	ELEVATION / DEPTH TOP OF SCREEN:	<u>627.33 / 18.0</u>
TYPE OF SCREEN:	<u>STAINLESS</u>	
SLOT SIZE x LENGTH:	<u>1.02" x 10'</u>	
I.D. OF SCREEN:	<u>2"</u>	
TYPE OF SAND PACK:	<u>#0</u>	
ELEVATION / DEPTH BOTTOM OF SCREEN:	<u>617.33 / 28.0</u>	
ELEVATION / DEPTH BOTTOM OF SAND PACK:	<u>616.33 / 29.0</u>	
TYPE OF BACKFILL BELOW OBSERVATION WELL:	<u>SAND / BENTONITE (NO LUGS)</u>	
ELEVATION / DEPTH OF HOLE:	<u>612.33 / 33.0</u>	

OVERBURDEN MONITORING WELL SHEET

PROJECT Byram Barrel + Drum LOCATION Byram N.Y.
 PROJECT NO. 1725/161-2406 BORING MW
 ELEVATION 645.01' DATE 10/19/88
 FIELD GEOLOGIST M. Hicks

DRILLER M. Seiller
 DRILLING
 METHOD AUGER
 DEVELOPMENT
 METHOD Pump

	ELEVATION OF TOP OF SURFACE CASING :	<u>647.41</u>
	ELEVATION OF TOP OF RISER PIPE :	<u>647.29</u>
	STICK - UP TOP OF SURFACE CASING :	<u>2.40</u>
	STICK - UP RISER PIPE :	<u>2.28</u>
	TYPE OF SURFACE SEAL :	<u>CEMENT GROUT</u>
	I.D. OF SURFACE CASING :	<u>6"</u>
	TYPE OF SURFACE CASING :	<u>STEEL</u>
	RISER PIPE I.D. :	<u>2"</u>
	TYPE OF RISER PIPE :	<u>STAINLESS STEEL</u>
	BOREHOLE DIAMETER :	<u>8"</u>
	TYPE OF BACKFILL :	<u>CEMENT GROUT</u>
	ELEVATION / DEPTH TOP OF SEAL :	<u>642.01 / 3.0</u>
	TYPE OF SEAL :	<u>BENTONITE PELLETS</u>
	DEPTH TOP OF SAND PACK :	<u>640.01 / 5.0</u>
	ELEVATION / DEPTH TOP OF SCREEN :	<u>638.51 / 6.5</u>
TYPE OF SCREEN :	<u>STAINLESS STEEL</u>	
SLOT SIZE x LENGTH :		
I.D. OF SCREEN :	<u>2"</u>	
TYPE OF SAND PACK :	<u>#0</u>	
ELEVATION / DEPTH BOTTOM OF SCREEN :	<u>628.51 / 16.5</u>	
ELEVATION / DEPTH BOTTOM OF SAND PACK :	<u>628.01 / 17.0</u>	
TYPE OF BACKFILL BELOW OBSERVATION WELL :	<u>NATURAL SAND</u>	
ELEVATION / DEPTH OF HOLE :	<u>628.01 / 17.0</u>	

OVERBURDEN MONITORING WELL SHEET

PROJECT Byram Barrel + Down LOCATION Byram N.Y.
PROJECT NO. 6725 (161-2426) BORING MW7A
ELEVATION 638.98' DATE 10/25/88
FIELD GEOLOGIST M.H. CLS

DRILLER M. SEILLER
DRILLING
METHOD AUGER/MUD
DEVELOPMENT
METHOD PUMP

	ELEVATION OF TOP OF SURFACE CASING:	<u>641.05</u>
	ELEVATION OF TOP OF RISER PIPE:	<u>640.92</u>
	STICK - UP TOP OF SURFACE CASING:	<u>2.07</u>
	STICK - UP RISER PIPE:	<u>1.94</u>
	TYPE OF SURFACE SEAL:	<u>CEMENT GROUT</u>
	I.D. OF SURFACE CASING:	<u>6"</u>
	TYPE OF SURFACE CASING:	<u>STEEL</u>
	RISER PIPE I.D.	<u>2"</u>
	TYPE OF RISER PIPE:	<u>STAINLESS STEEL</u>
	BOREHOLE DIAMETER:	<u>8"</u>
	TYPE OF BACKFILL:	<u>CEMENT GROUT</u>
	ELEVATION / DEPTH TOP OF SEAL:	<u>628.98/10.0</u>
	TYPE OF SEAL:	<u>BENTONITE PELLETS</u>
	DEPTH TOP OF SAND PACK:	<u>626.98/12.0</u>
	ELEVATION / DEPTH TOP OF SCREEN:	<u>624.98/14.0</u>
TYPE OF SCREEN:	<u>STAINLESS STEEL</u>	
SLOT SIZE x LENGTH:	<u>.02" x 10'</u>	
I.D. OF SCREEN:	<u>2"</u>	
TYPE OF SAND PACK:	<u>#0</u>	
ELEVATION / DEPTH BOTTOM OF SCREEN:	<u>614.98/24.0</u>	
ELEVATION / DEPTH BOTTOM OF SAND PACK:	<u>612.98/26.0</u>	
TYPE OF BACKFILL BELOW OBSERVATION WELL:	<u>BENTONITE (HOLEPLUG)</u>	
ELEVATION / DEPTH OF HOLE:	<u>561.98/77.0</u>	

OVERBURDEN MONITORING WELL SHEET

PROJECT Byron Barrel + Drum
PROJECT NO. 4725 / 161-2406
ELEVATION 638.85'
FIELD GEOLOGIST M. HICKS

LOCATION Byron N.Y.
BORING MW 73
DATE 10/20/88

DRILLER M. SEILLER
DRILLING
METHOD AUGER
DEVELOPMENT
METHOD PUMP

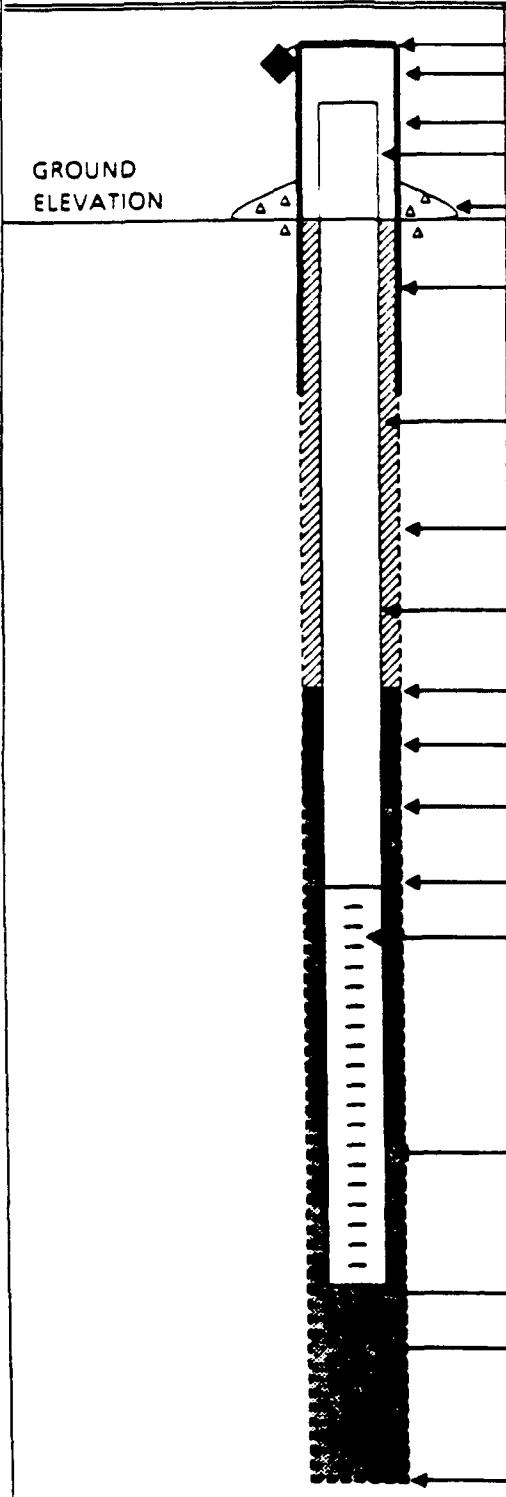
	ELEVATION OF TOP OF SURFACE CASING:	<u>640.77</u>
	ELEVATION OF TOP OF RISER PIPE:	<u>640.45</u>
	STICK - UP TOP OF SURFACE CASING:	<u>1.92'</u>
	STICK - UP RISER PIPE:	<u>1.60'</u>
	TYPE OF SURFACE SEAL: <u>CEMENT GROUT</u>	
	I.D. OF SURFACE CASING: <u>6"</u>	
	TYPE OF SURFACE CASING: <u>STEEL</u>	
	RISER PIPE I.D. <u>2"</u>	
	TYPE OF RISER PIPE: <u>STAINLESS STEEL</u>	
	BOREHOLE DIAMETER: <u>8"</u>	
	TYPE OF BACKFILL: <u>CEMENT GROUT</u>	
	ELEVATION / DEPTH TOP OF SEAL:	<u>636.85 / 2.0</u>
	TYPE OF SEAL: <u>BENTONITE PELLETS</u>	
	DEPTH TOP OF SAND PACK:	<u>634.85 / 4.0</u>
	ELEVATION / DEPTH TOP OF SCREEN:	<u>633.85 / 5.0</u>
TYPE OF SCREEN: <u>STAINLESS STEEL</u>		
SLOT SIZE x LENGTH:		
I.D. OF SCREEN: <u>2"</u>		
TYPE OF SAND PACK: <u>#0</u>		
ELEVATION / DEPTH BOTTOM OF SCREEN:	<u>623.85 / 15.0</u>	
ELEVATION / DEPTH BOTTOM OF SAND PACK:	<u>618.85 / 20.0</u>	
TYPE OF BACKFILL BELOW OBSERVATION WELL: <u>NATURAL SAND + GRAVEL</u>		
ELEVATION / DEPTH OF HOLE:	<u>618.85 / 20.0</u>	

OVERBURDEN MONITORING WELL SHEET

 PROJECT Byron Barrel + Drum
 PROJECT NO. 6725 (161-2LD6)
 ELEVATION 639.76'
 FIELD GEOLOGIST M. NICKS

 LOCATION Byron NY
 BORING MW 813
 DATE 10/25/88

 DRILLER M. SEILER
 DRILLING
 METHOD AUGER
 DEVELOPMENT
 METHOD PUMP

	ELEVATION OF TOP OF SURFACE CASING:	<u>641.93</u>
	ELEVATION OF TOP OF RISER PIPE:	<u>641.65</u>
	STICK - UP TOP OF SURFACE CASING:	<u>2.17</u>
	STICK - UP RISER PIPE:	<u>1.89</u>
	TYPE OF SURFACE SEAL:	<u>CEMENT GROUT</u>
	I.D. OF SURFACE CASING:	<u>6"</u>
	TYPE OF SURFACE CASING:	<u>STEEL</u>
	RISER PIPE I.D.:	<u>2"</u>
	TYPE OF RISER PIPE:	<u>STAINLESS STEEL</u>
	BOREHOLE DIAMETER:	<u>8"</u>
	TYPE OF BACKFILL:	<u>CEMENT GROUT</u>
	ELEVATION / DEPTH TOP OF SEAL:	<u>637.26 / 2.5</u>
	TYPE OF SEAL:	<u>Bentonite PELLETS</u>
	DEPTH TOP OF SAND PACK:	<u>636.26 / 3.5</u>
	ELEVATION / DEPTH TOP OF SCREEN:	<u>634.76 / 5.0</u>
TYPE OF SCREEN:	<u>STAINLESS STEEL</u>	
SLOT SIZE x LENGTH:	<u>.02" x 10'</u>	
I.D. OF SCREEN:	<u>2"</u>	
TYPE OF SAND PACK:	<u>#0</u>	
ELEVATION / DEPTH BOTTOM OF SCREEN:	<u>624.76 / 15.0</u>	
ELEVATION / DEPTH BOTTOM OF SAND PACK:	<u>624.76 / 15.0</u>	
TYPE OF BACKFILL BELOW OBSERVATION WELL:	<u>NATURAL SAND</u>	
ELEVATION / DEPTH OF HOLE:	<u>624.76 / 15.0</u>	

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OVERBURDEN MONITORING WELL SHEET

PROJECT Byron Barrel + Drum LOCATION Byron N.Y.
PROJECT NO. LT25/161-2406 BORING MW9B
ELEVATION 644.09 64 DATE 10/25/88
FIELD GEOLOGIST M. Hicks

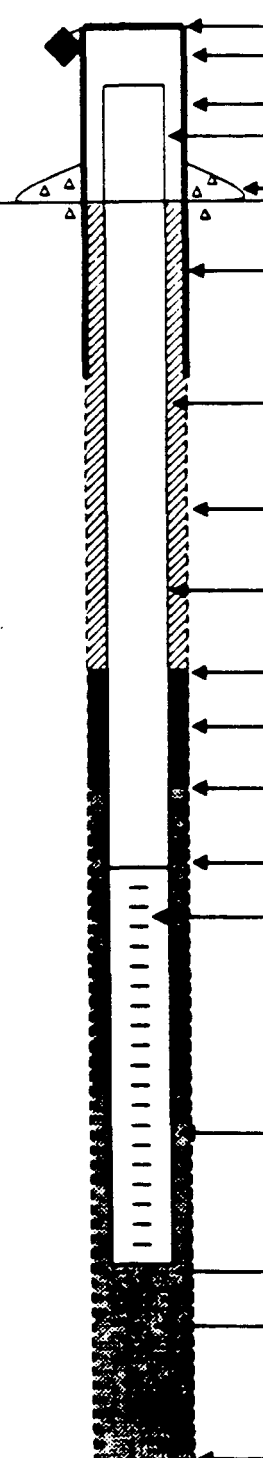
DRILLER M. SELLER
DRILLING
METHOD Auger
DEVELOPMENT
METHOD Pump

	ELEVATION OF TOP OF SURFACE CASING:	<u>646.26</u>
	ELEVATION OF TOP OF RISER PIPE:	<u>646.15</u>
	STICK - UP TOP OF SURFACE CASING:	<u>2.17</u>
	STICK - UP RISER PIPE:	<u>2.06</u>
	TYPE OF SURFACE SEAL: <u>Cement Grout</u>	
	I.D. OF SURFACE CASING: <u>6"</u>	
	TYPE OF SURFACE CASING: <u>STEEL</u>	
	RISER PIPE I.D. <u>2"</u>	
	TYPE OF RISER PIPE: <u>STAINLESS STEEL</u>	
	BOREHOLE DIAMETER: <u>8"</u>	
	TYPE OF BACKFILL: <u>Cement Grout</u>	
	ELEVATION / DEPTH TOP OF SEAL:	<u>639.09 / 5.0</u>
	TYPE OF SEAL: <u>BENTONITE PELLETS</u>	
	DEPTH TOP OF SAND PACK:	<u>636.59 / 7.5</u>
	ELEVATION / DEPTH TOP OF SCREEN:	<u>634.59 / 9.5</u>
TYPE OF SCREEN: <u>STAINLESS STEEL</u>		
SLOT SIZE x LENGTH: <u>.02" x 10"</u>		
I.D. OF SCREEN: <u>2"</u>		
TYPE OF SAND PACK: <u>#0</u>		
ELEVATION / DEPTH BOTTOM OF SCREEN:	<u>624.59 / 19.5</u>	
ELEVATION / DEPTH BOTTOM OF SAND PACK:	<u>624.59 / 19.5</u>	
TYPE OF BACKFILL BELOW OBSERVATION WELL: <u>NATURAL SAND</u>		
ELEVATION / DEPTH OF HOLE:	<u>624.59 / 19.5</u>	

OVERBURDEN MONITORING WELL SHEET

PROJECT Byram Barrel + Drum LOCATION Byram N.Y.
PROJECT NO. 6725/161-2LD6 BORING MW 103
ELEVATION 641.59' DATE 10/31/88
FIELD GEOLOGIST M. HICKS

DRILLER M. SELLER
DRILLING
METHOD AUGER
DEVELOPMENT
METHOD PUMP

	ELEVATION OF TOP OF SURFACE CASING:	<u>643.94</u>
	ELEVATION OF TOP OF RISER PIPE:	<u>643.89</u>
	STICK - UP TOP OF SURFACE CASING:	<u>2.35</u>
	STICK - UP RISER PIPE:	<u>2.30</u>
	TYPE OF SURFACE SEAL: <u>CEMENT GROUT</u>	
	I.D. OF SURFACE CASING: <u>6"</u>	
	TYPE OF SURFACE CASING: <u>STEEL</u>	
	RISER PIPE I.D. <u>2"</u>	
	TYPE OF RISER PIPE: <u>STAINLESS STEEL</u>	
	BOREHOLE DIAMETER: <u>8"</u>	
	TYPE OF BACKFILL: <u>CEMENT GROUT</u>	
	ELEVATION / DEPTH TOP OF SEAL:	<u>637.59 / 4.0</u>
	TYPE OF SEAL: <u>BENTONITE PELLETS</u>	
	DEPTH TOP OF SAND PACK:	<u>635.59 / 6.0</u>
	ELEVATION / DEPTH TOP OF SCREEN:	<u>633.59 / 8.0</u>
TYPE OF SCREEN: <u>STAINLESS STEEL</u>		
SLOT SIZE x LENGTH: <u>1/2" x 10'</u>		
I.D. OF SCREEN: <u>2"</u>		
TYPE OF SAND PACK: <u>#0</u>		
ELEVATION / DEPTH BOTTOM OF SCREEN:	<u>623.59 / 18.0</u>	
ELEVATION / DEPTH BOTTOM OF SAND PACK:	<u>621.59 / 20.0</u>	
TYPE OF BACKFILL BELOW OBSERVATION WELL: <u>NATURAL SAND</u>		
ELEVATION / DEPTH OF HOLE:	<u>621.59 / 20.0</u>	

OVERBURDEN MONITORING WELL SHEET

PROJECT Byram Barrel + Drum LOCATION Byram N.Y.
PROJECT NO. 4725/161-2406 BORING MW11B
ELEVATION 636.26' DATE 11/1/88
FIELD GEOLOGIST M. HICKS

DRILLER M. SEILLER
DRILLING
METHOD AUGER
DEVELOPMENT
METHOD PUMP

	ELEVATION OF TOP OF SURFACE CASING:	<u>638.51</u>
	ELEVATION OF TOP OF RISER PIPE:	<u>638.00</u>
	STICK - UP TOP OF SURFACE CASING:	<u>2.25</u>
	STICK - UP RISER PIPE:	<u>1.74</u>
	TYPE OF SURFACE SEAL:	<u>CEMENT GROUT</u>
	I.D. OF SURFACE CASING:	<u>6"</u>
	TYPE OF SURFACE CASING:	<u>STEEL</u>
	RISER PIPE I.D.	<u>2"</u>
	TYPE OF RISER PIPE:	<u>STAINLESS STEEL</u>
	BOREHOLE DIAMETER:	<u>8"</u>
	TYPE OF BACKFILL:	<u>CEMENT GROUT</u>
	ELEVATION / DEPTH TOP OF SEAL:	<u>635.26 / 1.0</u>
	TYPE OF SEAL:	<u>BENTONITE PELLETS</u>
	DEPTH TOP OF SAND PACK:	<u>633.26 / 3.0</u>
	ELEVATION / DEPTH TOP OF SCREEN:	<u>631.26 / 5.0</u>
TYPE OF SCREEN:	<u>STAINLESS STEEL</u>	
SLOT SIZE x LENGTH:	<u>.02" X 10'</u>	
I.D. OF SCREEN:	<u>2"</u>	
TYPE OF SAND PACK:	<u>#0</u>	
ELEVATION / DEPTH BOTTOM OF SCREEN:	<u>621.26 / 15.0</u>	
ELEVATION / DEPTH BOTTOM OF SAND PACK:	<u>621.26 / 15.0</u>	
TYPE OF BACKFILL BELOW OBSERVATION WELL:	<u>NATURAL SAND</u>	
ELEVATION / DEPTH OF HOLE:	<u>621.26 / 15.0</u>	

OVERBURDEN MONITORING WELL SHEET

PROJECT Byram Barrel + Drum
PROJECT NO. 4725/161-2406
ELEVATION 636.82
FIELD GEOLOGIST M. Hicks

LOCATION Byram N.Y.
BORING MW 12B
DATE 11/1/88

DRILLER M. SEILER
DRILLING
METHOD AUGER
DEVELOPMENT
METHOD PUMP

	ELEVATION OF TOP OF SURFACE CASING:	<u>639.27</u>
	ELEVATION OF TOP OF RISER PIPE:	<u>638.98</u>
	STICK - UP TOP OF SURFACE CASING:	<u>2.45</u>
	STICK - UP RISER PIPE:	<u>2.16</u>
	TYPE OF SURFACE SEAL:	<u>CEMENT GROUT</u>
	I.D. OF SURFACE CASING:	<u>6"</u>
	TYPE OF SURFACE CASING:	<u>STEEL</u>
	RISER PIPE I.D.:	<u>2"</u>
	TYPE OF RISER PIPE:	<u>STAINLESS STEEL</u>
	BOREHOLE DIAMETER:	<u>8"</u>
	TYPE OF BACKFILL:	<u>CEMENT GROUT</u>
	ELEVATION / DEPTH TOP OF SEAL:	<u>635.82 / 1.0</u>
	TYPE OF SEAL:	<u>BENTONITE PELLETS</u>
	DEPTH TOP OF SAND PACK:	<u>633.82 / 3.0</u>
	ELEVATION / DEPTH TOP OF SCREEN:	<u>631.82 / 5.0</u>
TYPE OF SCREEN:	<u>STAINLESS STEEL</u>	
SLOT SIZE x LENGTH:	<u>.02" x 10'</u>	
I.D. OF SCREEN:	<u>2"</u>	
TYPE OF SAND PACK:	<u>#0</u>	
ELEVATION / DEPTH BOTTOM OF SCREEN:	<u>621.82 / 15.0</u>	
ELEVATION / DEPTH BOTTOM OF SAND PACK:	<u>621.82 / 15.0</u>	
TYPE OF BACKFILL BELOW OBSERVATION WELL:	<u>NATURAL SAND</u>	
ELEVATION / DEPTH OF HOLE:	<u>621.82 / 15.0</u>	

OVERBURDEN MONITORING WELL SHEET

PROJECT <u>Byrum Barrel + Drum</u>	LOCATION <u>Byrum N.Y.</u>	DRILLER <u>M. SEILER</u>
PROJECT NO. <u>4725/161-2406</u>	BORING <u>MW 133</u>	DRILLING METHOD <u>AUGER</u>
ELEVATION <u>636.28'</u>	DATE <u>11/2/88</u>	DEVELOPMENT METHOD <u>PUMP/BAIL</u>
FIELD GEOLOGIST <u>M. HICKS</u>		

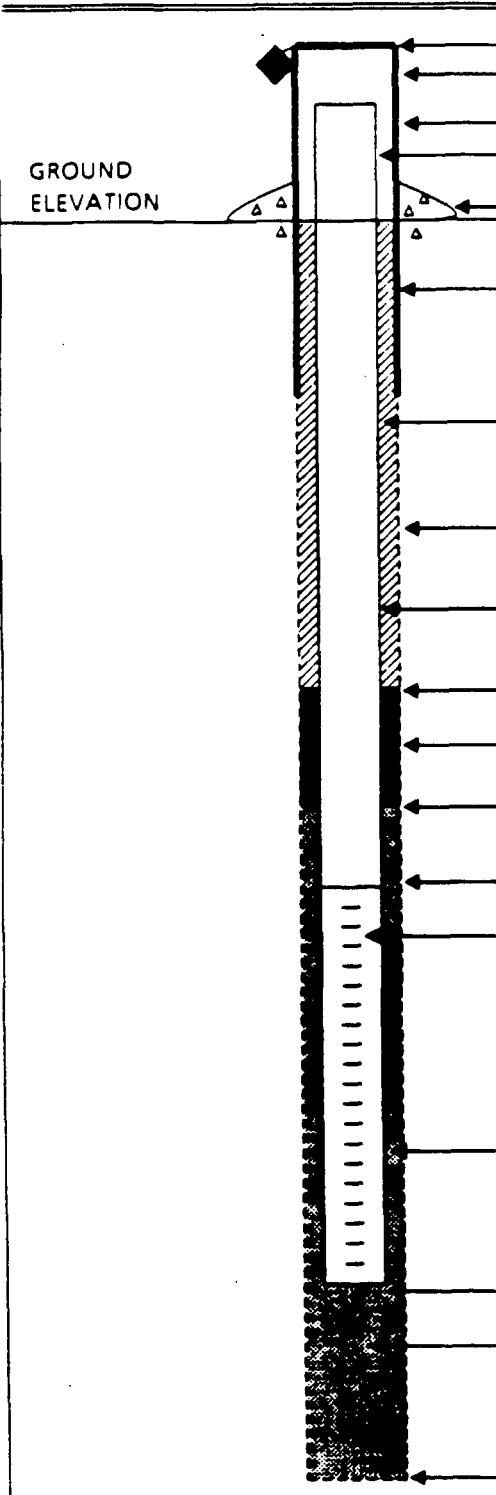
	ELEVATION OF TOP OF SURFACE CASING:	<u>637.95</u>
	ELEVATION OF TOP OF RISER PIPE:	<u>637.80</u>
	STICK - UP TOP OF SURFACE CASING:	<u>1.67</u>
	STICK - UP RISER PIPE:	<u>1.52</u>
	GROUND ELEVATION	
	TYPE OF SURFACE SEAL:	<u>CEMENT GROUT</u>
	I.D. OF SURFACE CASING:	<u>6"</u>
	TYPE OF SURFACE CASING:	<u>STEEL</u>
	RISER PIPE I.D.:	<u>2"</u>
	TYPE OF RISER PIPE:	<u>STAINLESS STEEL</u>
	BOREHOLE DIAMETER:	<u>8"</u>
	TYPE OF BACKFILL:	<u>CEMENT GROUT</u>
	ELEVATION / DEPTH TOP OF SEAL:	<u>633.28 / 3.0</u>
	TYPE OF SEAL:	<u>BENTONITE PELLETS</u>
	DEPTH TOP OF SAND PACK:	<u>631.28 / 5.0</u>
ELEVATION / DEPTH TOP OF SCREEN:	<u>628.78 / 7.5</u>	
TYPE OF SCREEN:	<u>STAINLESS STEEL</u>	
SLOT SIZE x LENGTH:	<u>.01" x 5'</u>	
I.D. OF SCREEN:	<u>2"</u>	
TYPE OF SAND PACK:	<u>#0</u>	
ELEVATION / DEPTH BOTTOM OF SCREEN:	<u>623.78 / 12.5</u>	
ELEVATION / DEPTH BOTTOM OF SAND PACK:	<u>621.28 / 15.0</u>	
TYPE OF BACKFILL BELOW OBSERVATION WELL:	<u>NATURAL SAND</u>	
ELEVATION / DEPTH OF HOLE:	<u>621.28 / 15.0</u>	

000892

OVERBURDEN MONITORING WELL SHEET

PROJECT Byram Barrel & Drum LOCATION Byram N.Y.
PROJECT NO. 4725/161-2406 BORING MW 143
ELEVATION 637.57' DATE 11/2/98
FIELD GEOLOGIST M. Hicks

DRILLER M. SELLER
DRILLING
METHOD AUGER
DEVELOPMENT
METHOD PUMP

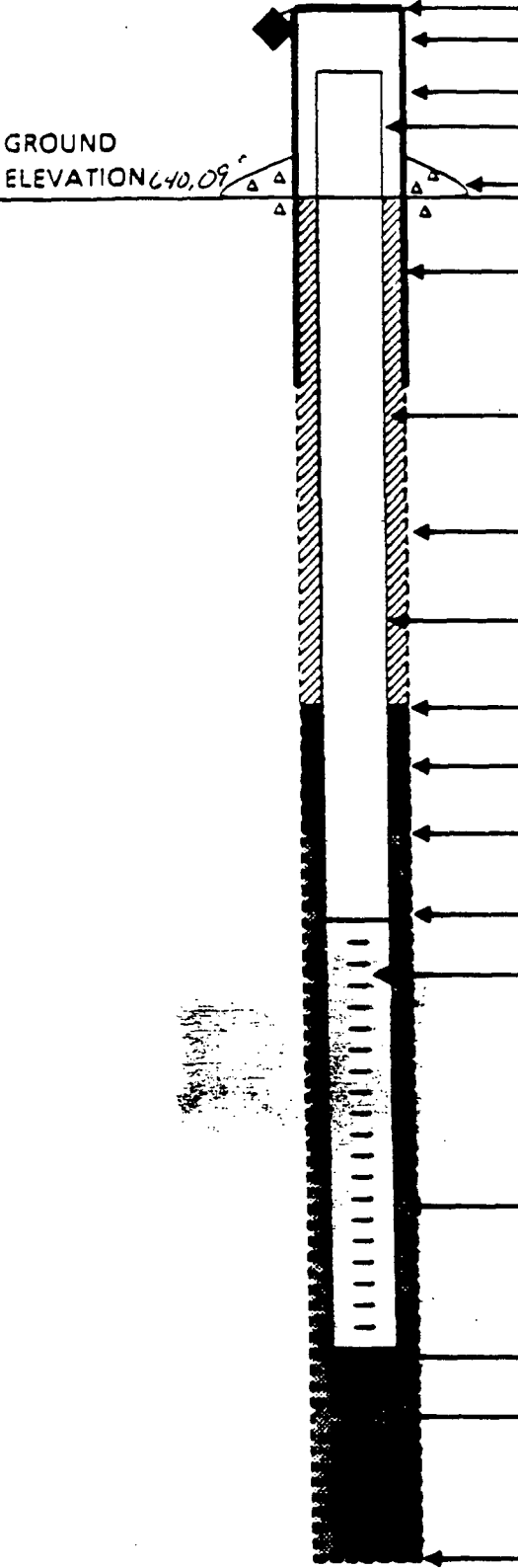
	ELEVATION OF TOP OF SURFACE CASING :	<u>639.47</u>
	ELEVATION OF TOP OF RISER PIPE :	<u>639.19</u>
	STICK - UP TOP OF SURFACE CASING :	<u>1.90</u>
	STICK - UP RISER PIPE :	<u>1.62</u>
	TYPE OF SURFACE SEAL :	<u>CEMENT GROUT</u>
	I.D. OF SURFACE CASING :	<u>6"</u>
	TYPE OF SURFACE CASING :	<u>STEEL</u>
	RISER PIPE I.D. :	<u>2"</u>
	TYPE OF RISER PIPE :	<u>STAINLESS STEEL</u>
	BOREHOLE DIAMETER :	<u>8"</u>
	TYPE OF BACKFILL :	<u>CEMENT GROUT</u>
	ELEVATION / DEPTH TOP OF SEAL :	<u>634.57 / 3.0</u>
	TYPE OF SEAL :	<u>BENTONITE PELLETS</u>
	DEPTH TOP OF SAND PACK :	<u>632.57 / 5.0</u>
	ELEVATION / DEPTH TOP OF SCREEN :	<u>630.07 / 7.5</u>
TYPE OF SCREEN :	<u>STAINLESS STEEL</u>	
SLOT SIZE x LENGTH :	<u>.01" x .5'</u>	
I.D. OF SCREEN :	<u>2"</u>	
TYPE OF SAND PACK :	<u>#0</u>	
ELEVATION / DEPTH BOTTOM OF SCREEN :	<u>625.07 / 12.5</u>	
ELEVATION / DEPTH BOTTOM OF SAND PACK :	<u>620.07 / 17.5</u>	
TYPE OF BACKFILL BELOW OBSERVATION WELL :	<u>NATURAL SAND</u>	
ELEVATION / DEPTH OF HOLE :	<u>620.07 / 17.5</u>	

OVERBURDEN MONITORING WELL SHEET

PROJECT Byron Barrer
PROJECT NO. L 725 / 161-2L D6
ELEVATION Below
FIELD GEOLOGIST M. Hicks

LOCATION Around Main Building
BORING MW1
DATE 4/17/98

DRILLER M. Hicks
DRILLING
METHOD Auger/Little Borer
DEVELOPMENT
METHOD HAND BAUER

	ELEVATION OF TOP OF SURFACE CASING:	<u>642.30'</u>
	ELEVATION OF TOP OF RISER PIPE:	<u>642.30'</u>
	STICK - UP TOP OF SURFACE CASING:	<u>2.21'</u>
	STICK - UP RISER PIPE:	<u>2.21'</u>
	GROUND ELEVATION <u>640.09'</u>	
	TYPE OF SURFACE SEAL:	<u>Cement Grout</u>
	I.D. OF SURFACE CASING:	<u>1 3/8"</u>
	TYPE OF SURFACE CASING:	<u>STAINLESS STEEL</u>
	RISER PIPE I.D.	<u>1 3/8"</u>
	TYPE OF RISER PIPE:	<u>STAINLESS STEEL</u>
	BOREHOLE DIAMETER:	<u>4"</u>
	TYPE OF BACKFILL:	<u>Cement Grout</u>
	ELEVATION / DEPTH TOP OF SEAL:	<u>1.0' / 639.09'</u>
	TYPE OF SEAL:	<u>BENTONITE PELLETS</u>
	DEPTH TOP OF SAND PACK:	<u>5.0'</u>
ELEVATION / DEPTH TOP OF SCREEN:	<u>7.5' / 632.59'</u>	
TYPE OF SCREEN:	<u>STAINLESS STEEL</u>	
SLOT SIZE x LENGTH:		
I.D. OF SCREEN:	<u>1 3/8"</u>	
TYPE OF SAND PACK:	<u>#0</u>	
ELEVATION / DEPTH BOTTOM OF SCREEN:	<u>12.5' / 627.59'</u>	
ELEVATION / DEPTH BOTTOM OF SAND PACK:	<u>12.5' / 627.59'</u>	
TYPE OF BACKFILL BELOW OBSERVATION WELL:	<u>NATURAL SAND</u>	
ELEVATION / DEPTH OF HOLE:	<u>13.0' / 627.09'</u>	

000894

OVERBURDEN MONITORING WELL SHEET

PROJECT B/20N BARRE
PROJECT NO. L725/1W-2LD6
ELEVATION Below
FIELD GEOLOGIST M. Hicks

LOCATION AROUND MAIN BUILDING
BORING MW2
DATE 4/18/89

DRILLER M. Hicks
DRILLING
METHOD AGG/LITTLE BORE
DEVELOPMENT
METHOD HAND BAILED

GROUND
ELEVATION 644.61'



ELEVATION OF TOP OF SURFACE CASING: 645.93'
ELEVATION OF TOP OF RISER PIPE: 645.93

STICK - UP TOP OF SURFACE CASING: 132'
STICK - UP RISER PIPE: 132'

TYPE OF SURFACE SEAL: CEMENT GROUT

I.D. OF SURFACE CASING: 1 3/8"
TYPE OF SURFACE CASING: STAINLESS STEEL

RISER PIPE I.D. 1 3/8"
TYPE OF RISER PIPE: STAINLESS STEEL

BOREHOLE DIAMETER: 4"

TYPE OF BACKFILL: CEMENT GROUT

ELEVATION / DEPTH TOP OF SEAL: 10' / 643.61'

TYPE OF SEAL: BETONITE PELLETS

DEPTH TOP OF SAND PACK: 5.5'

ELEVATION / DEPTH TOP OF SCREEN: 85' / 636.11'

TYPE OF SCREEN: STAINLESS STEEL

SLOT SIZE x LENGTH: _____

I.D. OF SCREEN: 1 3/8"

TYPE OF SAND PACK: #0 & NATURAL SAND

ELEVATION / DEPTH BOTTOM OF SCREEN: 135' / 631.11'

ELEVATION / DEPTH BOTTOM OF SAND PACK: 135' / 631.11'

TYPE OF BACKFILL BELOW OBSERVATION
WELL: NATURAL SAND

ELEVATION / DEPTH OF HOLE: 140' / 630.61'

00895

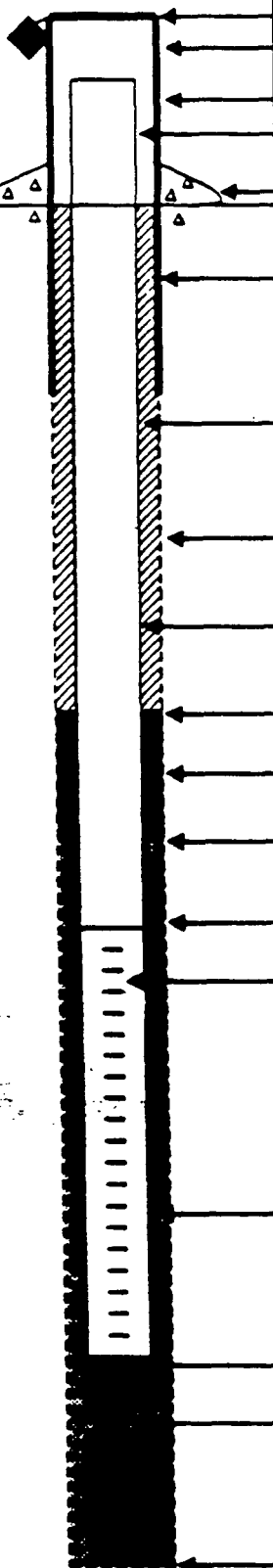
OVERBURDEN MONITORING WELL SHEET

PROJECT BYRON BARREL
PROJECT NO. LT25/104-2006
ELEVATION Below
FIELD GEOLOGIST M. Hicks

LOCATION Around MAW Building
BORING MW 3
DATE _____

DRILLER M. Hicks
DRILLING METHOD Auger/Little Bore
DEVELOPMENT METHOD HAND BAUER

GROUND ELEVATION 647.81'



ELEVATION OF TOP OF SURFACE CASING: 649.15
ELEVATION OF TOP OF RISER PIPE: 649.15

STICK - UP TOP OF SURFACE CASING: 1.34'
STICK - UP RISER PIPE: 1.34'

TYPE OF SURFACE SEAL: Cement Grout

I.D. OF SURFACE CASING: 1 3/8"
TYPE OF SURFACE CASING: STAINLESS STEEL

RISER PIPE I.D.: 1 3/8"
TYPE OF RISER PIPE: STAINLESS STEEL

BOREHOLE DIAMETER: 4"

TYPE OF BACKFILL: Cement Grout

ELEVATION / DEPTH TOP OF SEAL: 1.0' / 646.81'

TYPE OF SEAL: BENTONITE PELLETS

DEPTH TOP OF SAND PACK: 6.5'

ELEVATION / DEPTH TOP OF SCREEN: 11.5' / 636.31'

TYPE OF SCREEN: STAINLESS STEEL

SLOT SIZE x LENGTH: _____

I.D. OF SCREEN: 1 3/8"

TYPE OF SAND PACK: FPO & NATURAL SAND

ELEVATION / DEPTH BOTTOM OF SCREEN: 16.5' / 631.31'

ELEVATION / DEPTH BOTTOM OF SAND PACK: 16.5' / 631.31'

TYPE OF BACKFILL BELOW OBSERVATION WELL: NATURAL SAND

ELEVATION / DEPTH OF HOLE: 17.5' / 630.31'

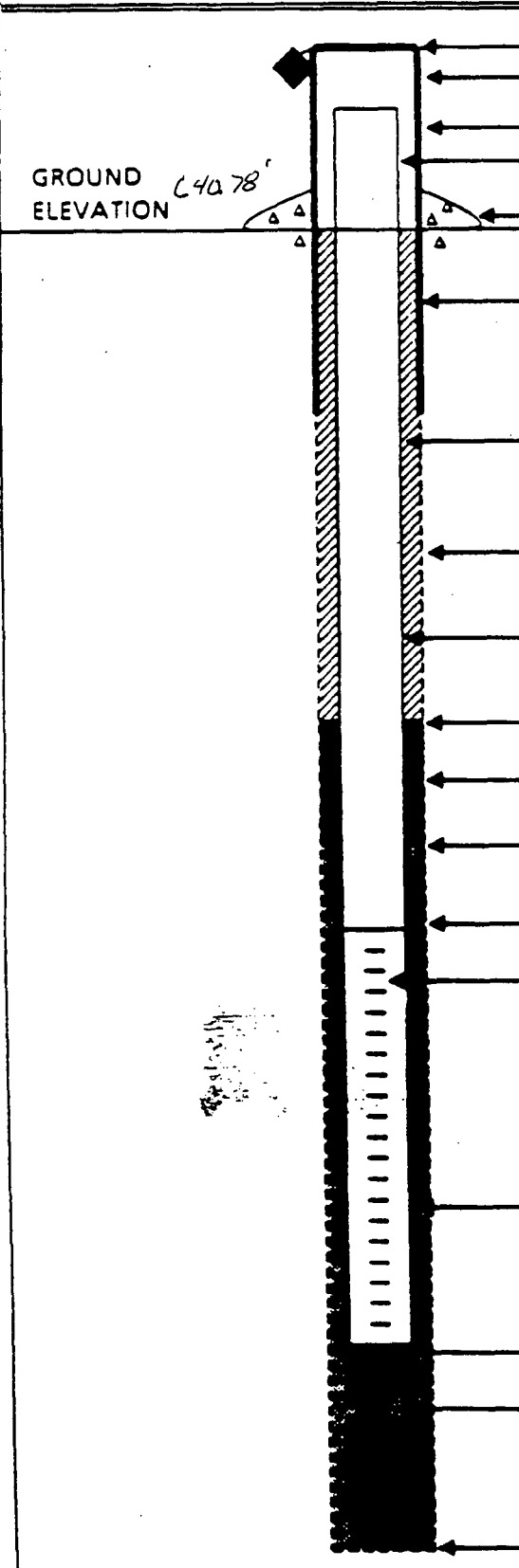
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OVERBURDEN MONITORING WELL SHEET

 PROJECT Byron Bazel
 PROJECT NO. L725/161-2LX6
 ELEVATION _____
 FIELD GEOLOGIST M. Hicks

 LOCATION Around Main Building
 BORING MW4
 DATE 4/19/89

 DRILLER M. Hicks
 DRILLING
 METHOD Auger/Little Beaver
 DEVELOPMENT
 METHOD HAND BAILEY

	ELEVATION OF TOP OF SURFACE CASING:	<u>641.70'</u>
	ELEVATION OF TOP OF RISER PIPE:	<u>641.70'</u>
	STICK - UP TOP OF SURFACE CASING:	<u>0.92'</u>
	STICK - UP RISER PIPE:	<u>0.92'</u>
	GROUND ELEVATION <u>640.78'</u>	
	TYPE OF SURFACE SEAL:	<u>Cement Grout</u>
	I.D. OF SURFACE CASING:	<u>1 3/8"</u>
	TYPE OF SURFACE CASING:	<u>STAINLESS STEEL</u>
	RISER PIPE I.D.	<u>1 3/8"</u>
	TYPE OF RISER PIPE:	<u>STAINLESS STEEL</u>
	BOREHOLE DIAMETER:	<u>4"</u>
	TYPE OF BACKFILL:	<u>Cement Grout</u>
	ELEVATION / DEPTH TOP OF SEAL:	<u>1.0' / 639.78'</u>
	TYPE OF SEAL:	<u>BENTONITE PELLETS</u>
	DEPTH TOP OF SAND PACK:	<u>5.5'</u>
ELEVATION / DEPTH TOP OF SCREEN:	<u>6.5' / 634.28'</u>	
TYPE OF SCREEN:	<u>STAINLESS STEEL</u>	
SLOT SIZE x LENGTH:	_____	
I.D. OF SCREEN:	<u>1 3/8"</u>	
TYPE OF SAND PACK:	<u>#0 & NATURAL SAND</u>	
ELEVATION / DEPTH BOTTOM OF SCREEN:	<u>11.5' / 629.28'</u>	
ELEVATION / DEPTH BOTTOM OF SAND PACK:	<u>11.5' / 629.28'</u>	
TYPE OF BACKFILL BELOW OBSERVATION WELL:	<u>NATURAL SAND</u>	
ELEVATION / DEPTH OF HOLE:	<u>12.0' / 628.78'</u>	

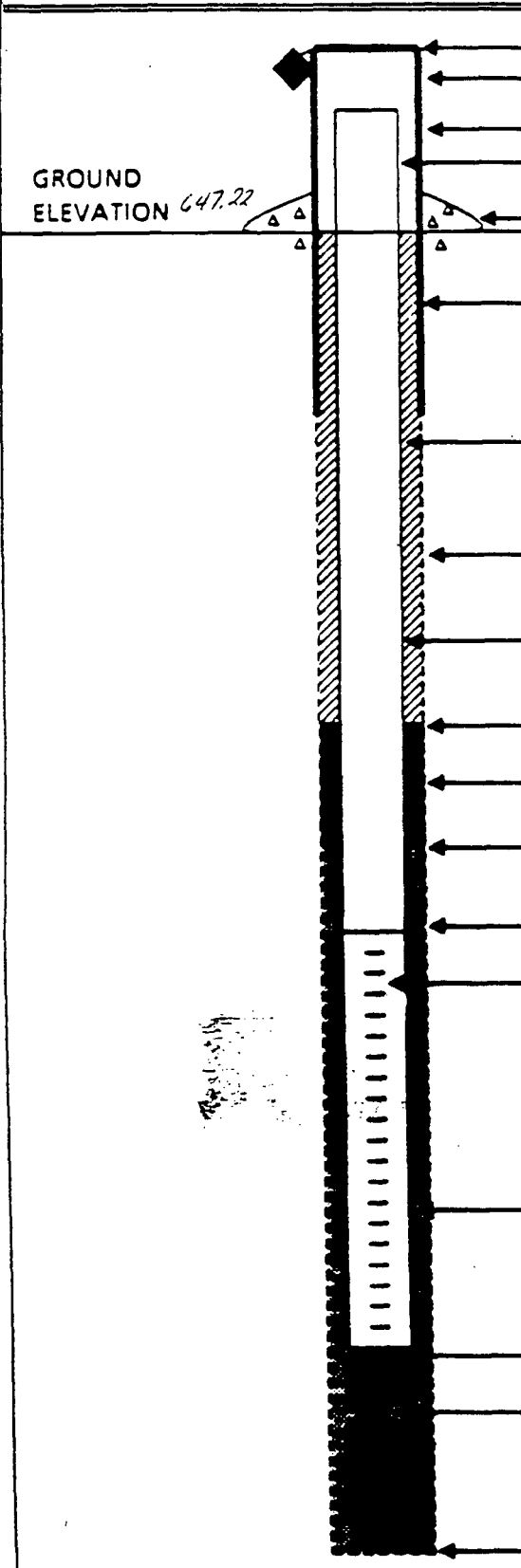
000897

OVERBURDEN MONITORING WELL SHEET

 PROJECT BYPASS BAZZEL
 PROJECT NO. 6725/101-2LD6
 ELEVATION _____
 FIELD GEOLOGIST M. HICKS

 LOCATION AROUND MAIN BUILDING
 BORING MW 5
 DATE 4/24/89

 DRILLER M. HICKS
 DRILLING METHOD Auger/Little Bear-R
 DEVELOPMENT METHOD HAND Auger

	ELEVATION OF TOP OF SURFACE CASING:	<u>648.28'</u>
	ELEVATION OF TOP OF RISER PIPE:	<u>648.28'</u>
	STICK - UP TOP OF SURFACE CASING:	<u>1.06'</u>
	STICK - UP RISER PIPE:	<u>1.06'</u>
	GROUND ELEVATION	<u>647.22</u>
	TYPE OF SURFACE SEAL:	<u>Cement Grout</u>
	I.D. OF SURFACE CASING:	<u>1 3/8"</u>
	TYPE OF SURFACE CASING:	<u>STAINLESS STEEL</u>
	RISER PIPE I.D.	<u>1 3/8"</u>
	TYPE OF RISER PIPE:	<u>STAINLESS STEEL</u>
	BOREHOLE DIAMETER:	<u>4"</u>
	TYPE OF BACKFILL:	<u>Cement Grout</u>
	ELEVATION / DEPTH TOP OF SEAL:	<u>1.0' / 646.22'</u>
	TYPE OF SEAL:	<u>BETONITE PELLETS</u>
	DEPTH TOP OF SAND PACK:	<u>8.0' / 639.22'</u>
ELEVATION / DEPTH TOP OF SCREEN:	<u>12.0' / 635.22'</u>	
TYPE OF SCREEN:	<u>STAINLESS STEEL</u>	
SLOT SIZE x LENGTH:	_____	
I.D. OF SCREEN:	<u>1 3/8"</u>	
TYPE OF SAND PACK:	<u>#0 & NATURAL SAND</u>	
ELEVATION / DEPTH BOTTOM OF SCREEN:	<u>17.0' / 630.22'</u>	
ELEVATION / DEPTH BOTTOM OF SAND PACK:	<u>17.0' / 630.22'</u>	
TYPE OF BACKFILL BELOW OBSERVATION WELL:	<u>NATURAL SAND</u>	
ELEVATION / DEPTH OF HOLE:	<u>18.0' / 629.22'</u>	

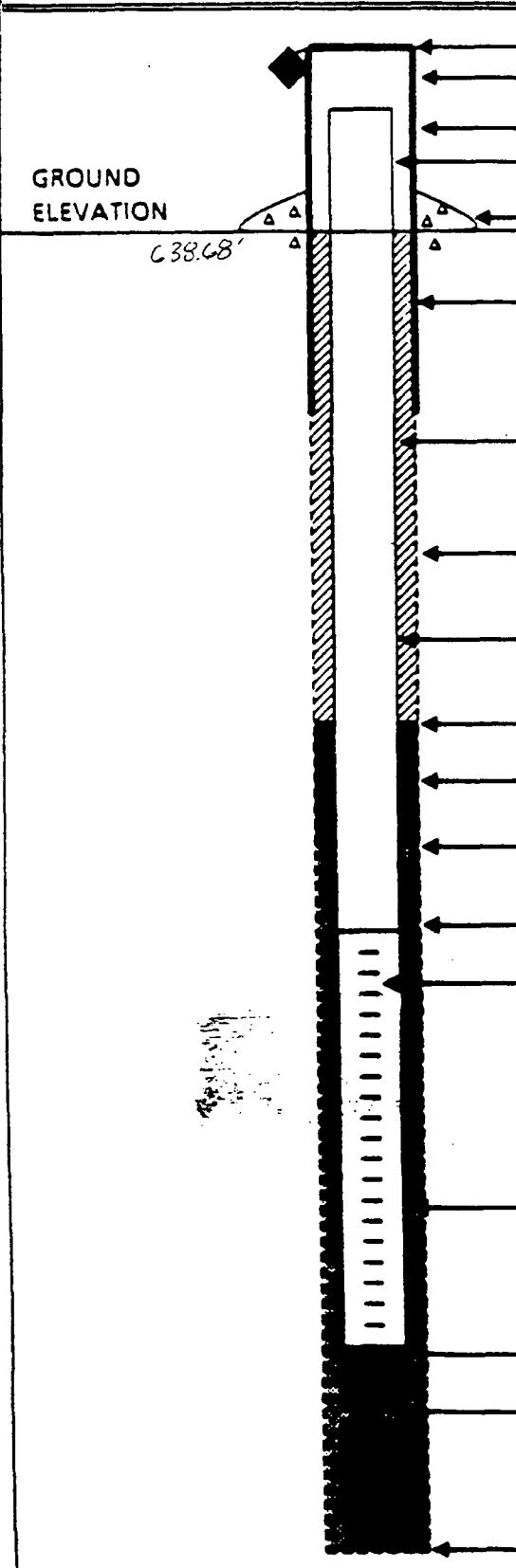
000898

OVERBURDEN MONITORING WELL SHEET

PROJECT BYPASS BARRIL
PROJECT NO. L725/161-2426
ELEVATION _____
FIELD GEOLOGIST M. HICKS

LOCATION AROUND MAIN BUILDING
BORING MW6
DATE 4/26/69

DRILLER M. HICKS
DRILLING METHOD Auger / Little Bailer
DEVELOPMENT METHOD HAND BAILER

	ELEVATION OF TOP OF SURFACE CASING:	<u>639.18'</u>
	ELEVATION OF TOP OF RISER PIPE:	<u>639.18'</u>
	STICK - UP TOP OF SURFACE CASING:	<u>0.5'</u>
	STICK - UP RISER PIPE:	<u>0.5'</u>
	GROUND ELEVATION	<u>638.68'</u>
	TYPE OF SURFACE SEAL:	<u>CEMENT GROUT</u>
	I.D. OF SURFACE CASING:	<u>1 3/8"</u>
	TYPE OF SURFACE CASING:	<u>STAINLESS STEEL</u>
	RISER PIPE I.D.	<u>1 3/8"</u>
	TYPE OF RISER PIPE:	<u>STAINLESS STEEL</u>
	BOREHOLE DIAMETER:	<u>4"</u>
	TYPE OF BACKFILL:	<u>CEMENT GROUT</u>
	ELEVATION / DEPTH TOP OF SEAL:	<u>1.0' / 637.68'</u>
	TYPE OF SEAL:	<u>BENTONITE PELLETS</u>
	DEPTH TOP OF SAND PACK:	<u>4.0' / 634.68'</u>
ELEVATION / DEPTH TOP OF SCREEN:	<u>6.0' / 632.68'</u>	
TYPE OF SCREEN:	<u>STAINLESS STEEL</u>	
SLOT SIZE x LENGTH:	_____	
I.D. OF SCREEN:	<u>1 3/8"</u>	
TYPE OF SAND PACK:	<u>#0 & NATURAL SAND</u>	
ELEVATION / DEPTH BOTTOM OF SCREEN:	<u>11.0' / 627.68'</u>	
ELEVATION / DEPTH BOTTOM OF SAND PACK:	<u>11.0' / 627.68'</u>	
TYPE OF BACKFILL BELOW OBSERVATION WELL:	<u>NATURAL SAND</u>	
ELEVATION / DEPTH OF HOLE:	<u>14.0' / 624.68'</u>	

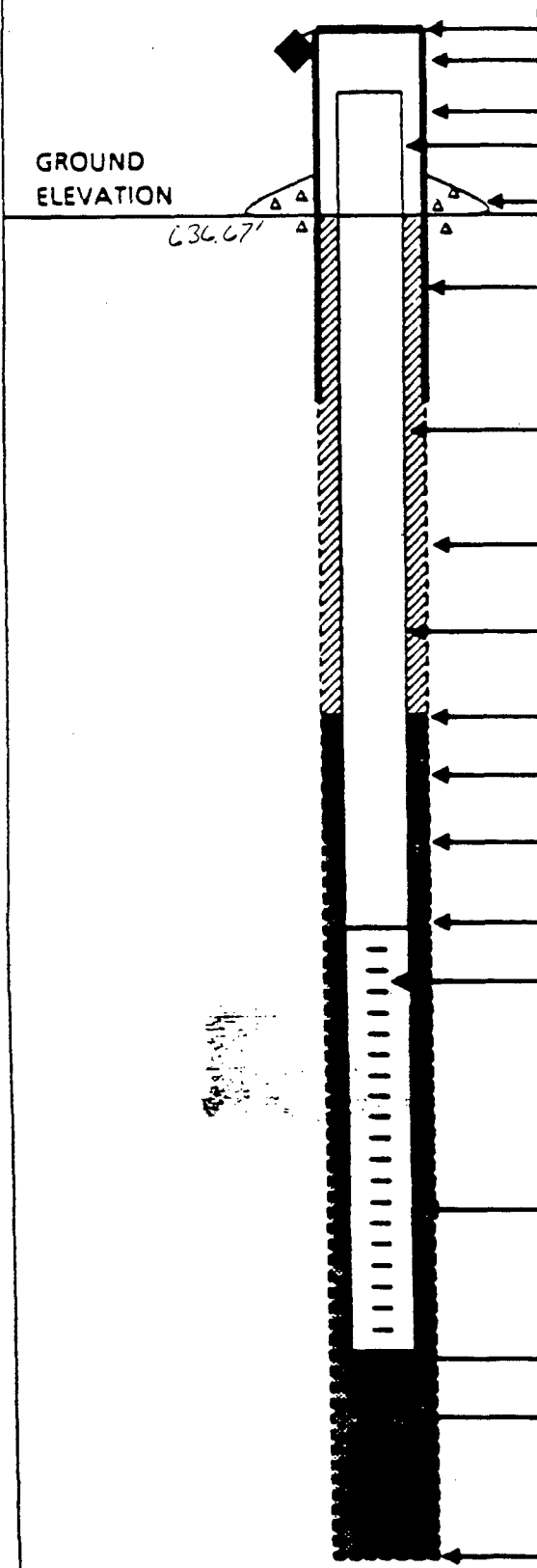
0899

OVERBURDEN MONITORING WELL SHEET

PROJECT BYRON BARREL
PROJECT NO. L725 / 161-206
ELEVATION _____
FIELD GEOLOGIST M. Hicks

LOCATION AROUND MAIN BUILDING
BORING MW6
DATE 4/24/89

DRILLER M. Hicks
DRILLING METHOD Auger
DEVELOPMENT METHOD HAND BAULER

 GROUND ELEVATION <u>636.67'</u>	ELEVATION OF TOP OF SURFACE CASING :	<u>638.15</u>
	ELEVATION OF TOP OF RISER PIPE :	<u>638.15</u>
	STICK - UP TOP OF SURFACE CASING :	<u>1.48'</u>
	STICK - UP RISER PIPE :	<u>1.48'</u>
	TYPE OF SURFACE SEAL :	<u>Cement Grout</u>
	I.D. OF SURFACE CASING :	<u>1 3/8"</u>
	TYPE OF SURFACE CASING :	<u>STAINLESS STEEL</u>
	RISER PIPE I.D. :	<u>1 3/8"</u>
	TYPE OF RISER PIPE :	<u>STAINLESS STEEL</u>
	BOREHOLE DIAMETER :	<u>4"</u>
	TYPE OF BACKFILL :	<u>Cement Grout</u>
	ELEVATION / DEPTH TOP OF SEAL :	<u>1.0' / 635.67'</u>
	TYPE OF SEAL :	<u>BENTONITE PELLETS</u>
	DEPTH TOP OF SAND PACK :	<u>3.0' / 633.67'</u>
	ELEVATION / DEPTH TOP OF SCREEN :	<u>5.0' / 631.67'</u>
TYPE OF SCREEN :	<u>STAINLESS STEEL</u>	
SLOT SIZE x LENGTH :	_____	
I.D. OF SCREEN :	<u>1 3/8"</u>	
TYPE OF SAND PACK :	<u>#20 & NATURAL SAND</u>	
ELEVATION / DEPTH BOTTOM OF SCREEN :	<u>10.0' / 626.67'</u>	
ELEVATION / DEPTH BOTTOM OF SAND PACK :	<u>10.0' / 626.67'</u>	
TYPE OF BACKFILL BELOW OBSERVATION WELL :	<u>NATURAL SAND</u>	
ELEVATION / DEPTH OF HOLE :	<u>10.0' / 626.67'</u>	

000900

D

000901

APPENDIX D

HYDROGEOLOGIC CALCULATIONS

- HYDRAULIC CONDUCTIVITY (MONITORING WELLS)
- HYDRAULIC CONDUCTIVITY (GLACIAL TILL)
- PUMPING TEST RESULTS
- HYDRAULIC GRADIENT
- GROUNDWATER FLOW VELOCITY

HYDRAULIC CONDUCTIVITY
MONITORING WELLS

000903

CLIENT: USEPA REGION II	FILE NO.: L725	BY: MCH	PAGE 1 OF 2
SUBJECT: HYDRAULIC CONDUCTIVITY (K) FROM MONITORING WELL DATA		CHECKED BY: M. G. C	DATE: 12/22/88

OBJECTIVE - DETERMINE HYDRAULIC CONDUCTIVITIES
BASED ON RESULTS OF MONITORING WELL
SLUG TESTS.

APPROACH - CALCULATE HYDRAULIC CONDUCTIVITIES
USING ELAPSED TIME AND DRAWDOWN/HEAD
MEASUREMENTS GATHERED DURING SLUG
TESTING USING THE HUORSLEV METHOD
(1951).

RELEVANT EQUATIONS -
$$K = \frac{r^2 \ln(L/R)}{2LT_0}$$

where: K - HYDRAULIC CONDUCTIVITY (FT/MIN)
r - RADIUS OF THE WELL CASING (FT)
R - RADIUS OF THE WELL SCREEN (FT)
L⁽¹⁾ - LENGTH OF THE WELL SCREEN (FT)
T₀ - TIME REQUIRED FOR THE WATER (MIN)
LEVEL TO FALL/RISE TO 37% OF
THE INITIAL CHANGE. TO BE
DETERMINED BY PLOTTING ELAPSED
TIME VS. $\Delta H/H_0$ (MEASURED WATER
LEVEL CHANGE DIVIDED BY TOTAL WATER
LEVEL CHANGE).

SOURCE: HUORSLEV (1951)

ASSUMPTIONS - NA

(1) L - LENGTH OF WELL SCREEN BELOW WATER TABLE 000904

CLIENT: USEPA REGION II	FILE NO.: L725	BY: MCH	PAGE 2 OF 2
SUBJECT: HYDRAULIC CONDUCTIVITY (K) FROM MONITORING WELL DATA		CHECKED BY: M.G.C.	DATE: 5-19-89

SAMPLE CALCULATIONS - $r - 0.0833$ FT.
(FALLING HEAD) $R - 0.0833$ FT.
(MW 1A) $L - 10$ FT.
 $T_0 - 3.5$ MIN.

$$K = \frac{r^2 \ln(L/R)}{2(L)(T_0)}$$

$$= \frac{6.94 \times 10^{-3} \ln(120.05)}{2(10)(3.5)}$$

$$= 4.75 \times 10^{-4} \text{ FT/MIN.}$$

$$= 2.85 \times 10^{-2} \text{ FT/HR.}$$

$$= 6.84 \times 10^{-1} \text{ FT/DAY}$$

$$= 2.41 \times 10^{-4} \text{ CM/SEC.}$$

REFERENCES - Huorslev, M.J., 1951, TIME LAG AND
SOIL PERMEABILITY IN GROUND WATER
OBSERVATIONS, U.S. ARMY CORPS
OF ENGINEERS, WATERWAYS
EXPERIMENT STATION, WASHINGTON
D.C., BULL. NO. 36.

000905

NUS CORPORATION

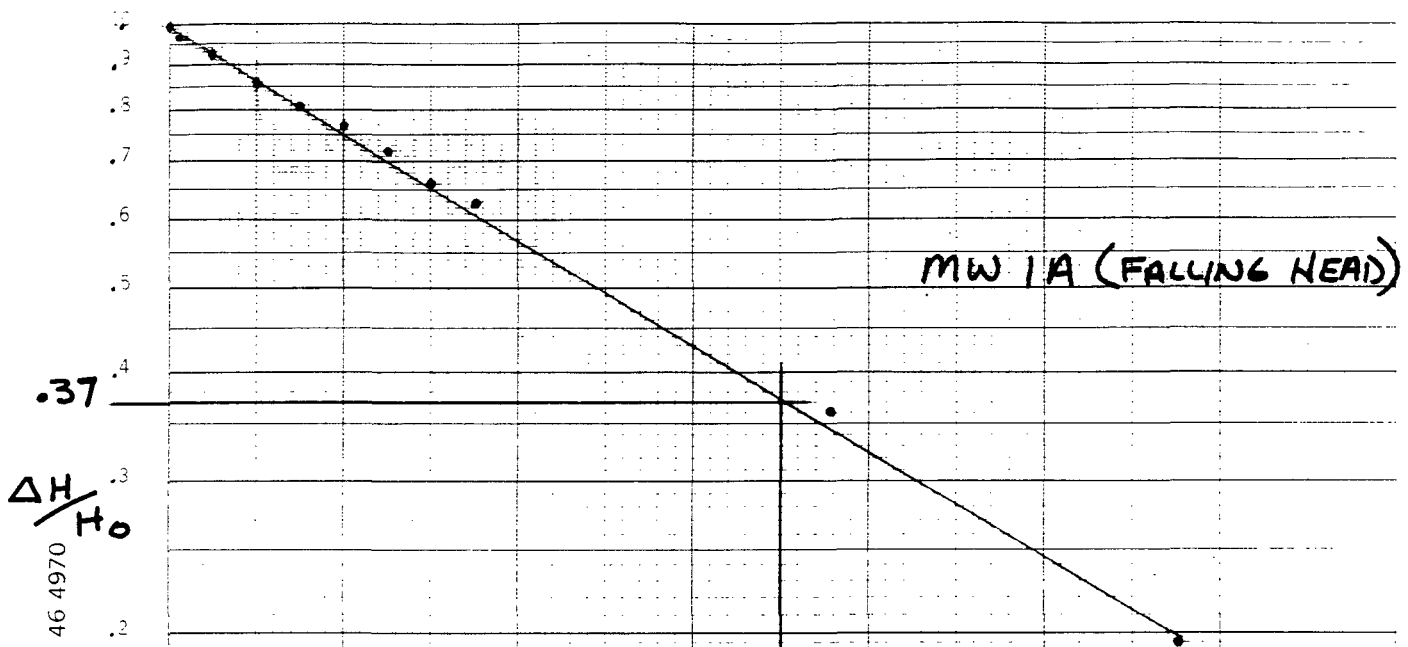
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000906

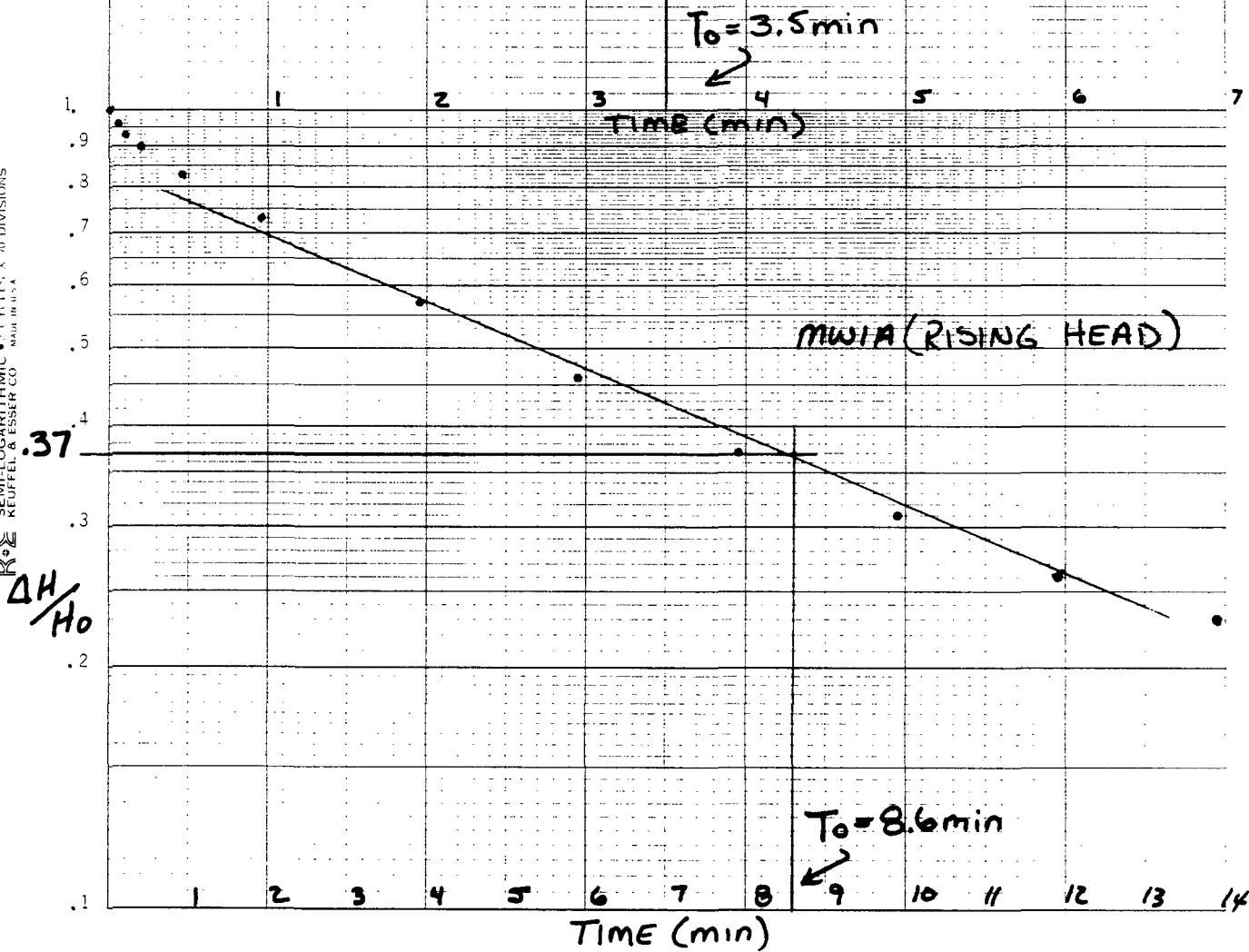
NUS CORPORATION

[illegible]

000907



KE SEMILOGARITHMIC • J. J. YOUNG & SONS
REUFFEL & LESSER CO. MADE IN U.S.A.



000908

CLIENT: DEPA REGION IT	FILE NO.: L725 (Byrum)	BY: mch	PAGE 1 OF 3
SUBJECT: CALCULATIONS (NUORSLEU)	CHECKED BY: mcm	DATE: 12/23/50	

DEPTH(FT)WELLCONSTRUCTION

1.96' —

0 —

12.9 —

14.5 —

17.0 —

27.0 —

27.0 —

— TOP OF CASING

GROUND

← r →

— TOP SEAL

— TOP SAND

— TOP SCREEN

↑
L
↓

— BOTTOM SCREEN

— BOTTOM AQUIFER

← R →

$$r = 0.833'$$

$$R = 0.833'$$

$$L = 10'$$

$$T_0 = 3.5 \text{ min (FALLING)}$$

$$8.6 \text{ min (RISING)}$$

CLIENT: USEPA REGION II	FILE NO.: L725 (By pm)	BY: MCN	PAGE 2 OF 3
SUBJECT: CALCULATIONS (HVORSLEV) MWIA (FALLING)		CHECKED BY: mm	DATE: 12/23/83

$$K = \frac{r^2 \ln(L/R)}{2(L)(T_0)}$$

$$K = \frac{6.94 \times 10^{-3} \ln(10 / .0933)}{2(10)(3.5)}$$

$$K = \frac{6.94 \times 10^{-3} (4.79)}{(70)}$$

$$K = 4.75 \times 10^{-4} \text{ FT/MIN.}$$

$$K = 2.85 \times 10^{-2} \text{ FT/NR.}$$

$$K = 6.84 \times 10^{-1} \text{ FT/DAY}$$

$$K = 2.42 \times 10^{-4} \text{ CM/SEC.}$$

CLIENT: USEPA REGION II	FILE NO.: 4725 (By Rem)	BY: mcl	PAGE 3 OF 3
SUBJECT: CALCULATIONS (HVORSLEV)		CHECKED BY: mcm	DATE: 12/23/88

MWAH - Rising Head

$$K = \frac{r^2 \ln(L/R)}{2(L)(T_0)}$$

$$K = \frac{6.94 \times 10^{-3} \ln(10 / .0833)}{2(10)(8.6)}$$

$$K = \frac{6.94 \times 10^{-3} (4.09)}{(172)}$$

$$K = 1.65 \times 10^{-4} \text{ FT/MIN.}$$

$$K = 9.90 \times 10^{-3} \text{ FT/HR.}$$

$$K = 2.38 \times 10^{-1} \text{ FT/DAY}$$

$$K = 8.41 \times 10^{-5} \text{ CM/SEC.}$$

NUS CORPORATION

[illegible]

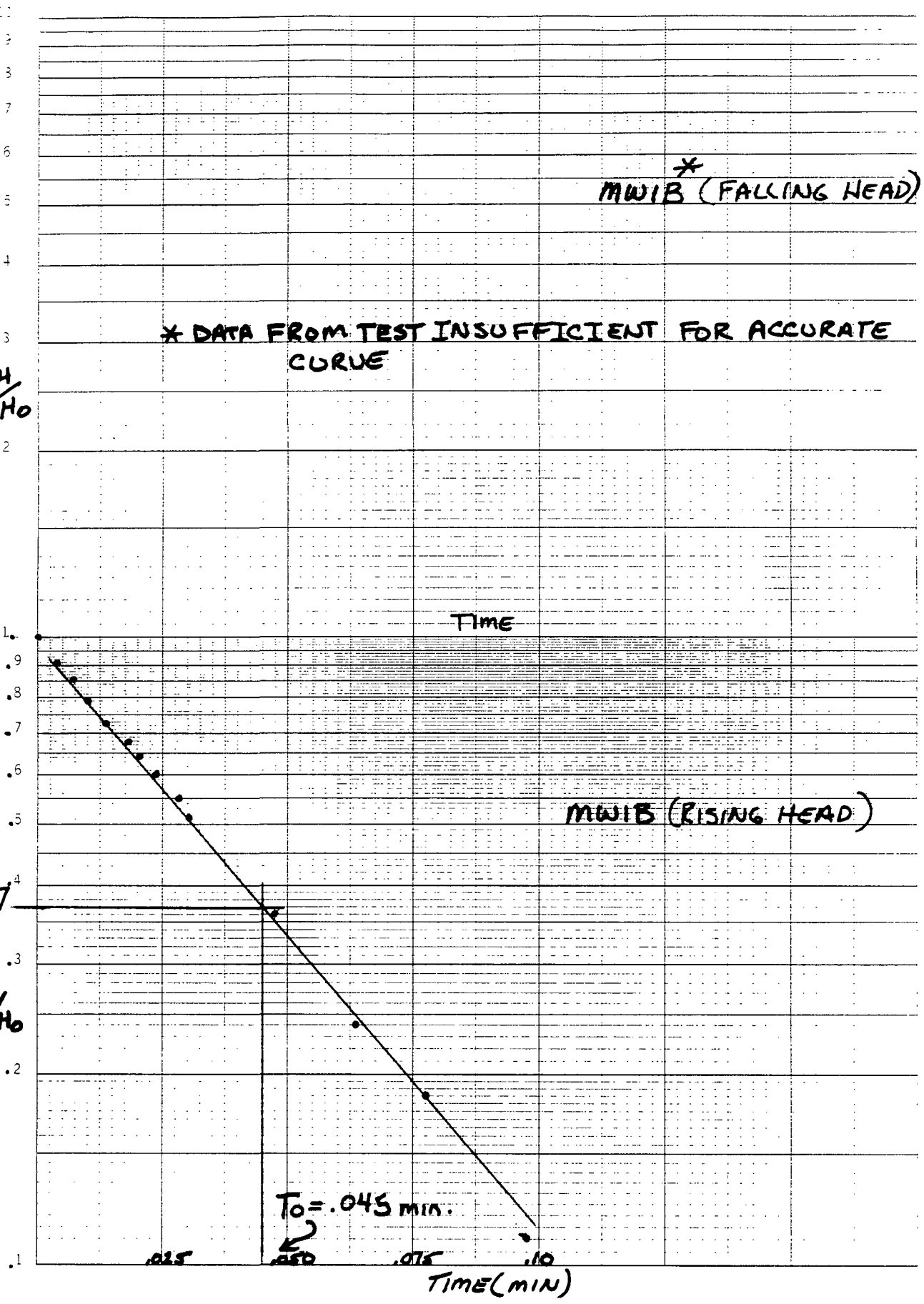
500912

46 4970 $\Delta H / H_0$

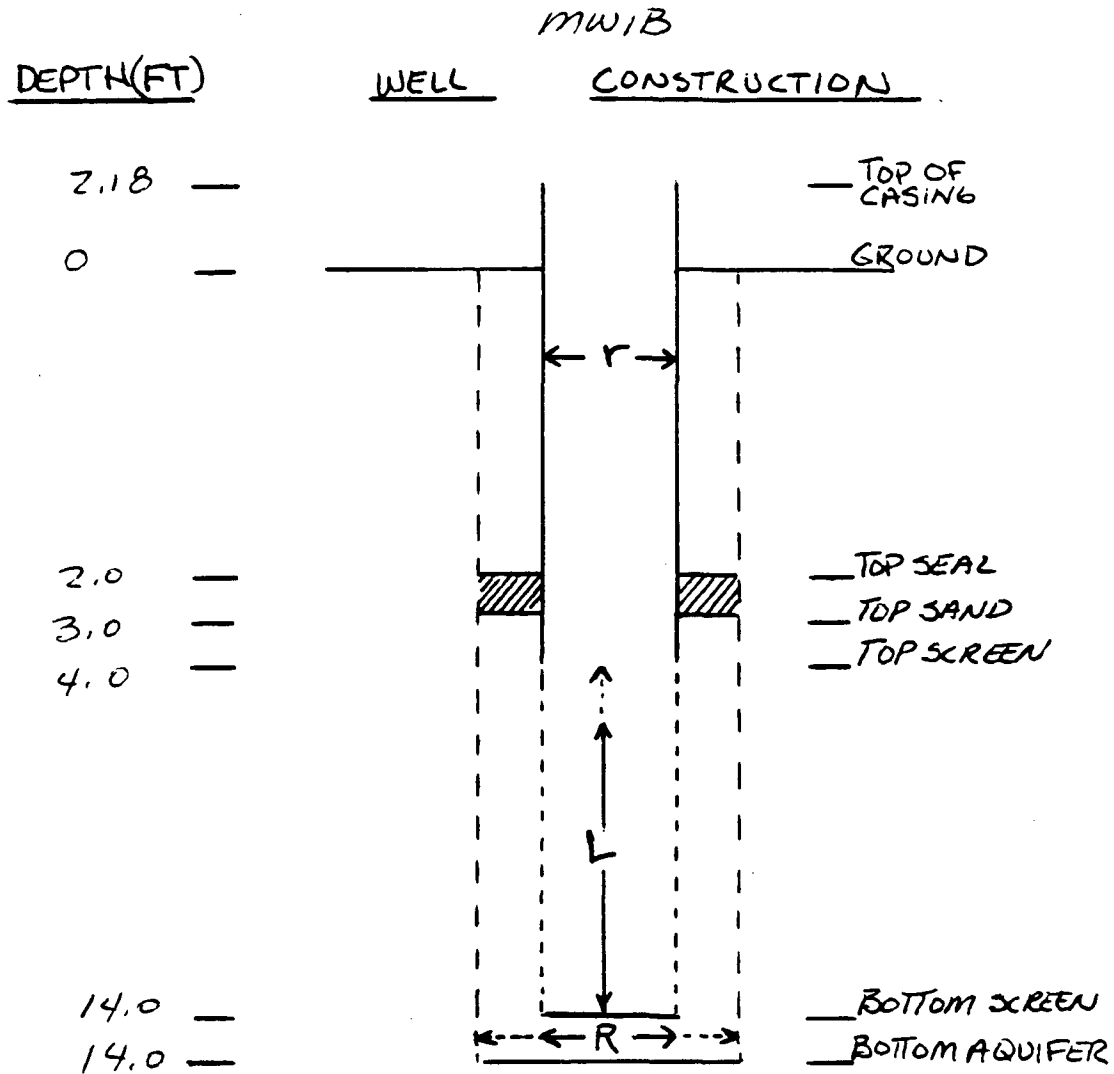
K·Σ SEMI-LOGARITHMIC PLOTTER 10 DIVISIONS
REUPPEL & ESSER CO. MADE IN U.S.A.

$\Delta H / H_0$

.37



CLIENT: USEPA REGION II	FILE NO.: L725 (Byron)	BY: MCH	PAGE 1 OF 2
SUBJECT: CALCULATIONS (NUORSLEU)		CHECKED BY: MLM	DATE: 12/23/88



$$r = .0833'$$

$$R = .0833'$$

$$L = 6.58'$$

$$T_0 = .045 \text{ min. (Rising Head)}$$

(Falling Head Data inconclusive)

CLIENT: USEPA REGION II	FILE NO.: L725 (Byrdon)	BY: MCH	PAGE 2 OF 2
SUBJECT: CALCULATIONS (Hvorslev) MW 1B - RISING HEAD		CHECKED BY: mcm	DATE: 12/28/88

$$K = \frac{r^2 \ln(L/R)}{2(L)(T_0)}$$

$$K = \frac{6.94 \times 10^{-3} \ln\left(\frac{6.58}{.0333}\right)}{2(6.58)(.045)}$$

$$K = \frac{6.94 \times 10^{-3} (4.37)}{(.592)}$$

$$K = 5.12 \times 10^{-2} \text{ FT/MIN.}$$

$$K = 3.07 \text{ FT/NR.}$$

$$K = 73.77 \text{ FT/DAY}$$

$$K = 2.61 \times 10^{-2} \text{ CM/SEC.}$$

NUS CORPORATION

[illegible]

000916

NUS CORPORATION

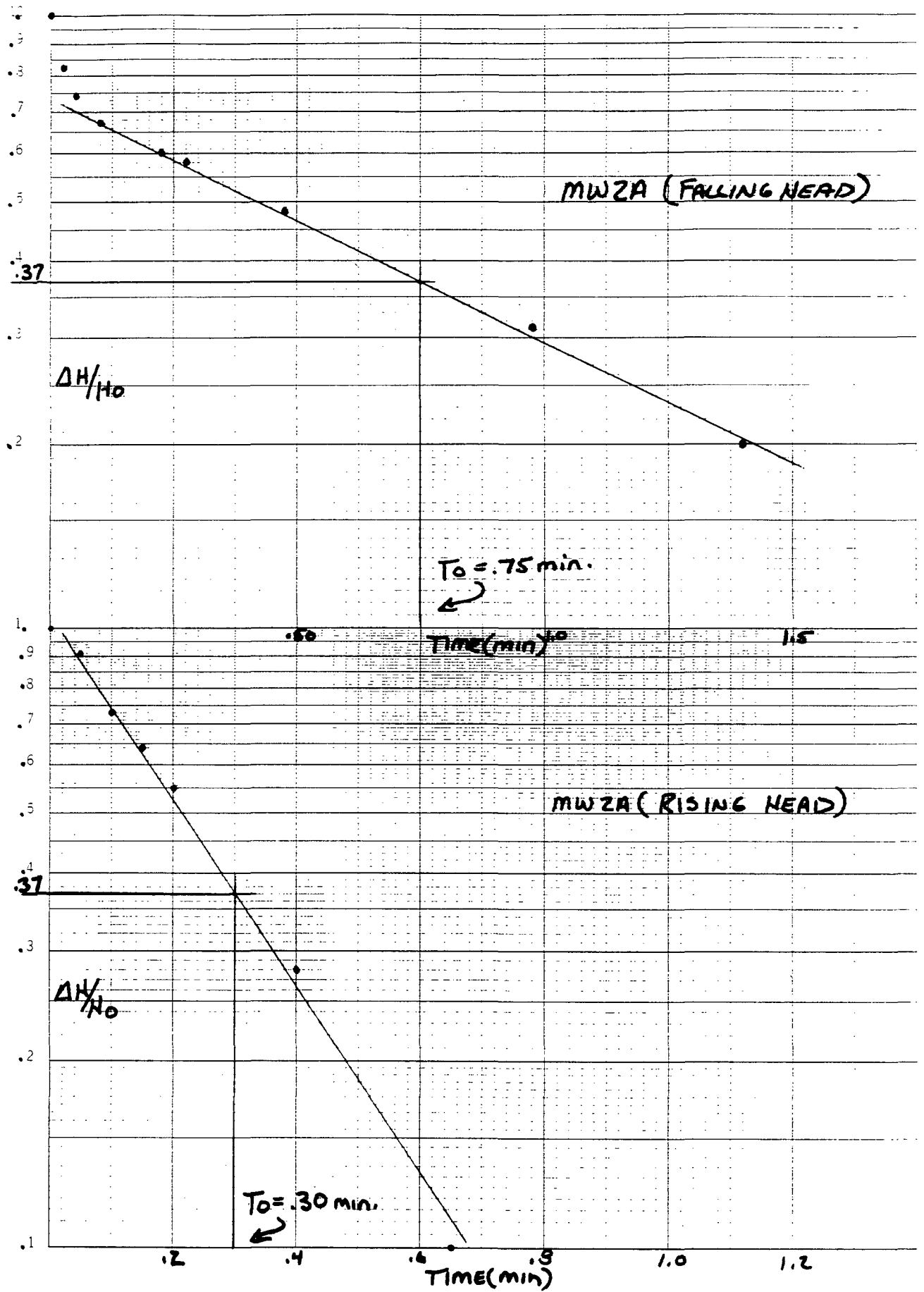
PROJECT NAME: Byron Barrel + Drum WELL/BORING NO.: MW 212
PROJECT NO.: 161-2476 GEOLOGIST: M. Hicks
WELL DIAMETER: 2" SCREEN LENGTH/DEPTH: 10' / 17.5' - 27.5' TEST NO.: 1
STATIC WATER LEVEL (Depth/Elevation): 12.41' 1634.45' DATE: 10/17/98
TEST TYPE (Rising/Falling/Constant Head): Rising CHECKED: MLM
METHOD OF INDUCING WATER LEVEL CHANGE: 3/4" x 8" PVC SLUG PAGE 1 OF 1

[illegible]

000917

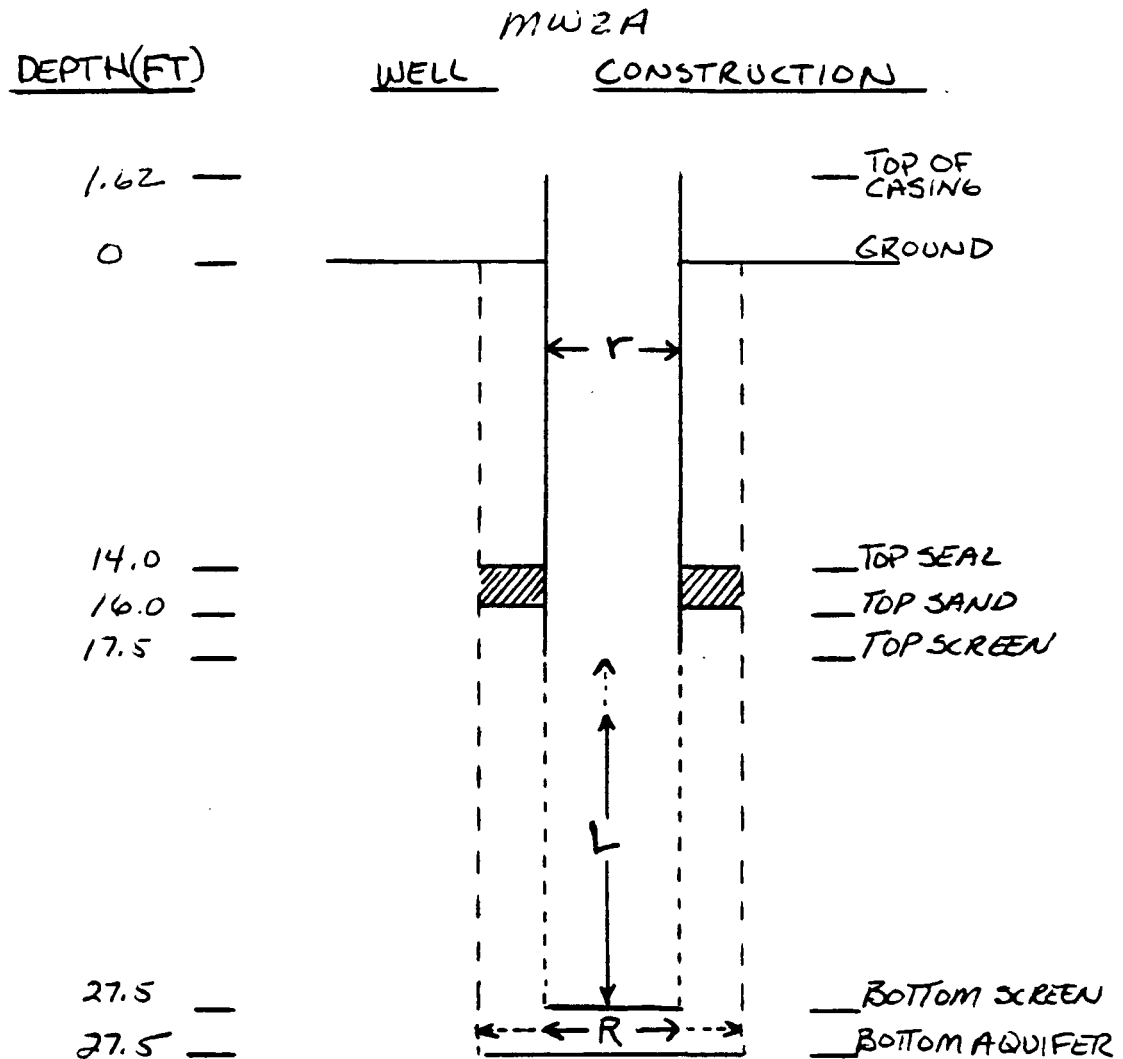
46 4970

K&E SEMI-LOGARITHMIC PLOTTER & DIVISIONS
KEUFFEL & ESSER CO. MADE IN U.S.A.



000918

CLIENT: USEPA REGION II	FILE NO.: L725 (Byron)	BY: MCH	PAGE 1 OF 3
SUBJECT: CALCULATIONS (NUORSLEU)	CHECKED BY: MLM	DATE: 12/03/88	



$$r = .0833'$$

$$R = .0833'$$

$$L = 10'$$

$$T_o = 0.30 \text{ min. (FALLING HEAD)}$$

$$0.75 \text{ min (RISING HEAD)}$$

CLIENT: USEPA REGION II	FILE NO.: L725 (Byron)	BY: MCH	PAGE 2 OF 3
SUBJECT: CALCULATIONS (KVORSLEV) (MW2A - FALLING HEAD)		CHECKED BY: MLM	DATE: 12/23/88

$$K = \frac{r^2 \ln(L/R)}{2(L)(T_0)}$$

$$K = \frac{6.94 \times 10^{-3} \ln(10/.0833)}{2(10)(.30)}$$

$$K = \frac{6.94 \times 10^{-3} (4.79)}{(6)}$$

$$K = 5.54 \times 10^{-3} \text{ FT/MIN.}$$

$$K = 3.27 \times 10^{-1} \text{ FT/HR.}$$

$$K = 7.35 \text{ FT/DAY}$$

$$K = 2.82 \times 10^{-3} \text{ CM/SEC.}$$

CLIENT: USEPA REGION II	FILE NO.: L725 (Byrom)	BY: MCH	PAGE 3 OF 3
SUBJECT: CALCULATIONS (HVORSLEV) (MW 2A - RISING HEAD)		CHECKED BY: MLM	DATE: 12/23/88

$$K = \frac{r^2 \ln(L/R)}{2(L)(T_0)}$$

$$K = \frac{6.94 \times 10^{-3} \ln(10 / .0833)}{2(10)(.75)}$$

$$K = \frac{6.94 \times 10^{-3} (4.79)}{(15)}$$

$$K = 2.22 \times 10^{-3} \text{ FT/MIN.}$$

$$K = 1.33 \times 10^{-1} \text{ FT/HR.}$$

$$K = 3.20 \text{ FT/DAY}$$

$$K = 1.13 \times 10^{-3} \text{ CM/SEC.}$$

NUS CORPORATION

[illegible]

000922

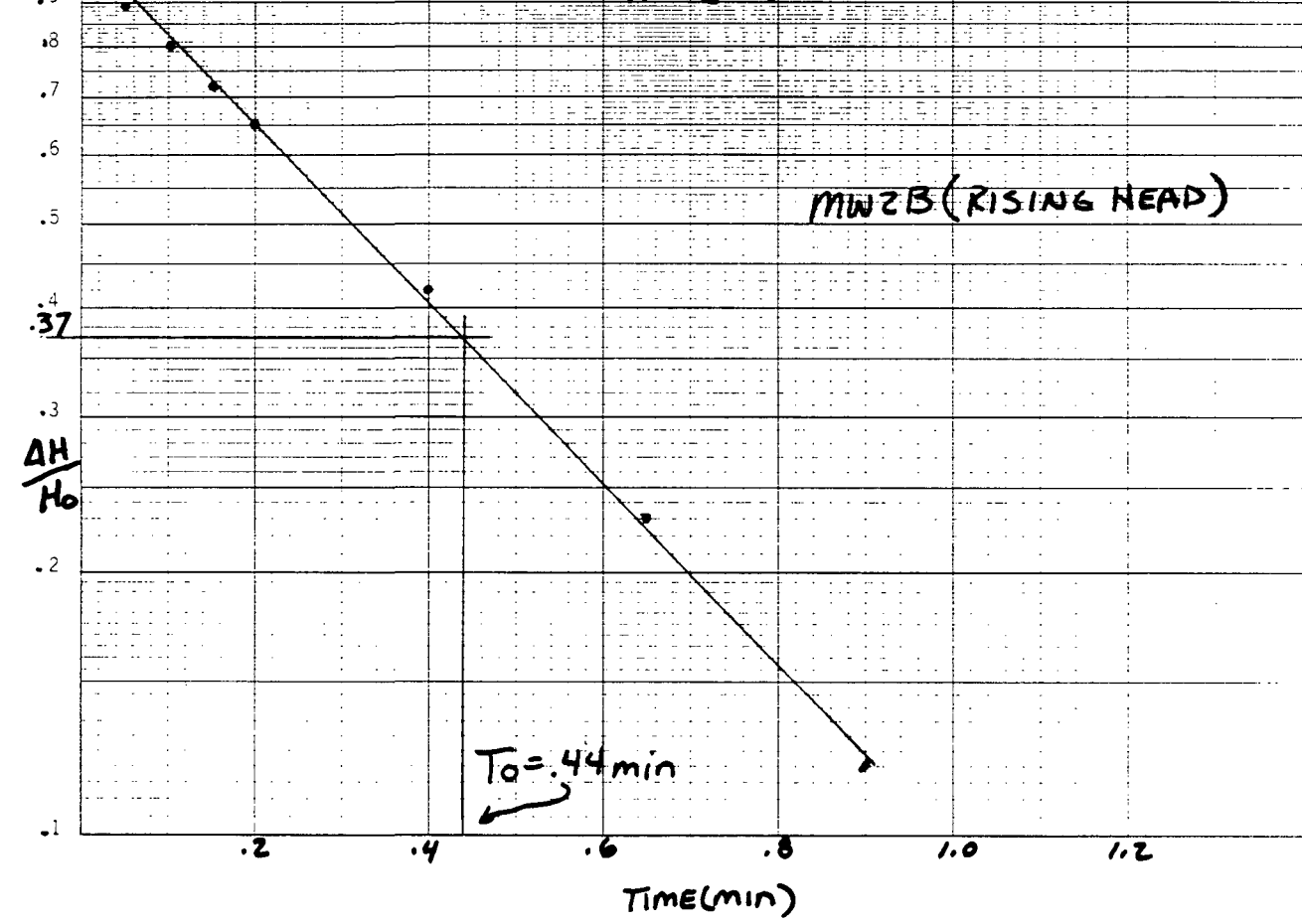
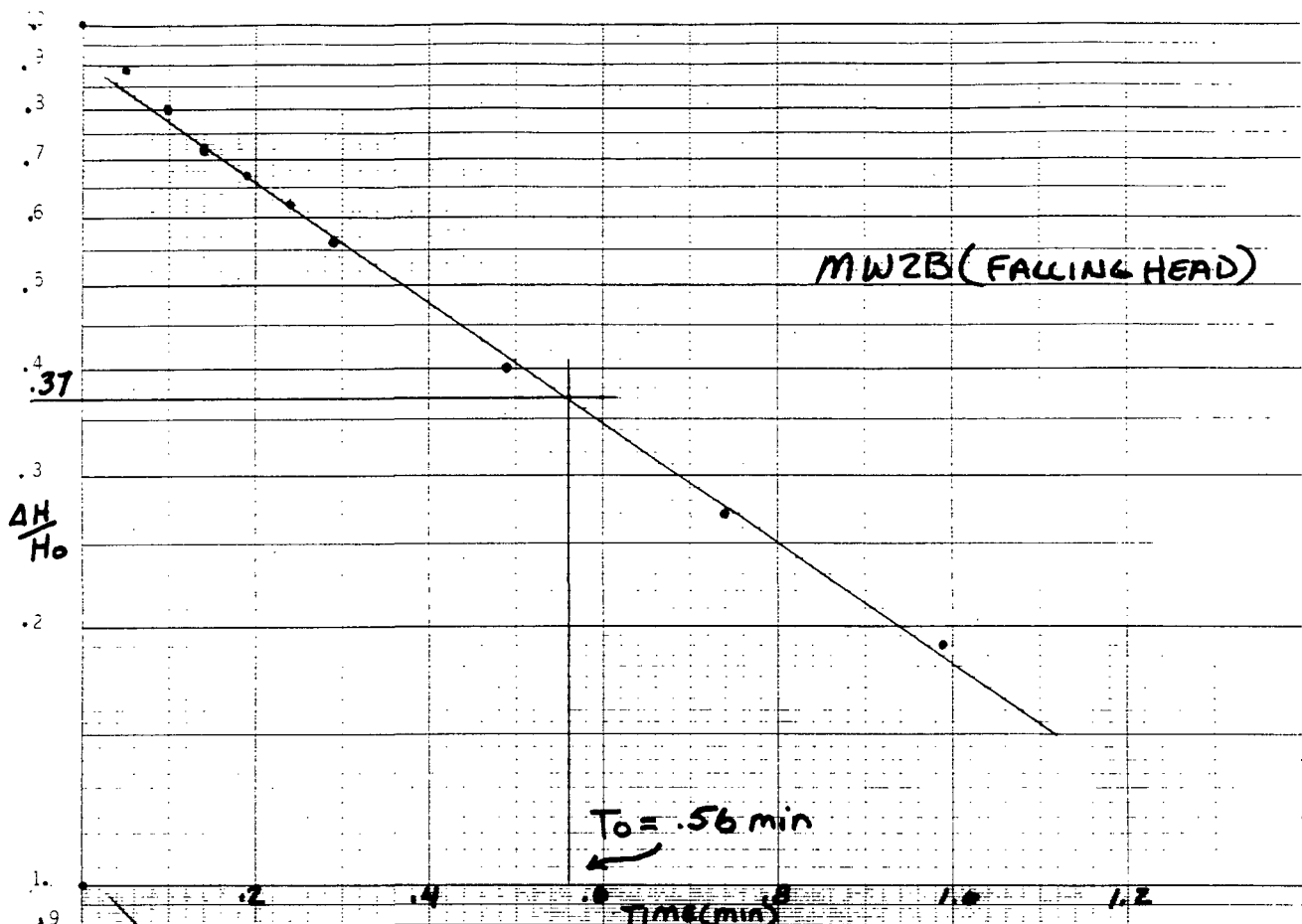
NUS CORPORATION

[illegible]

000923

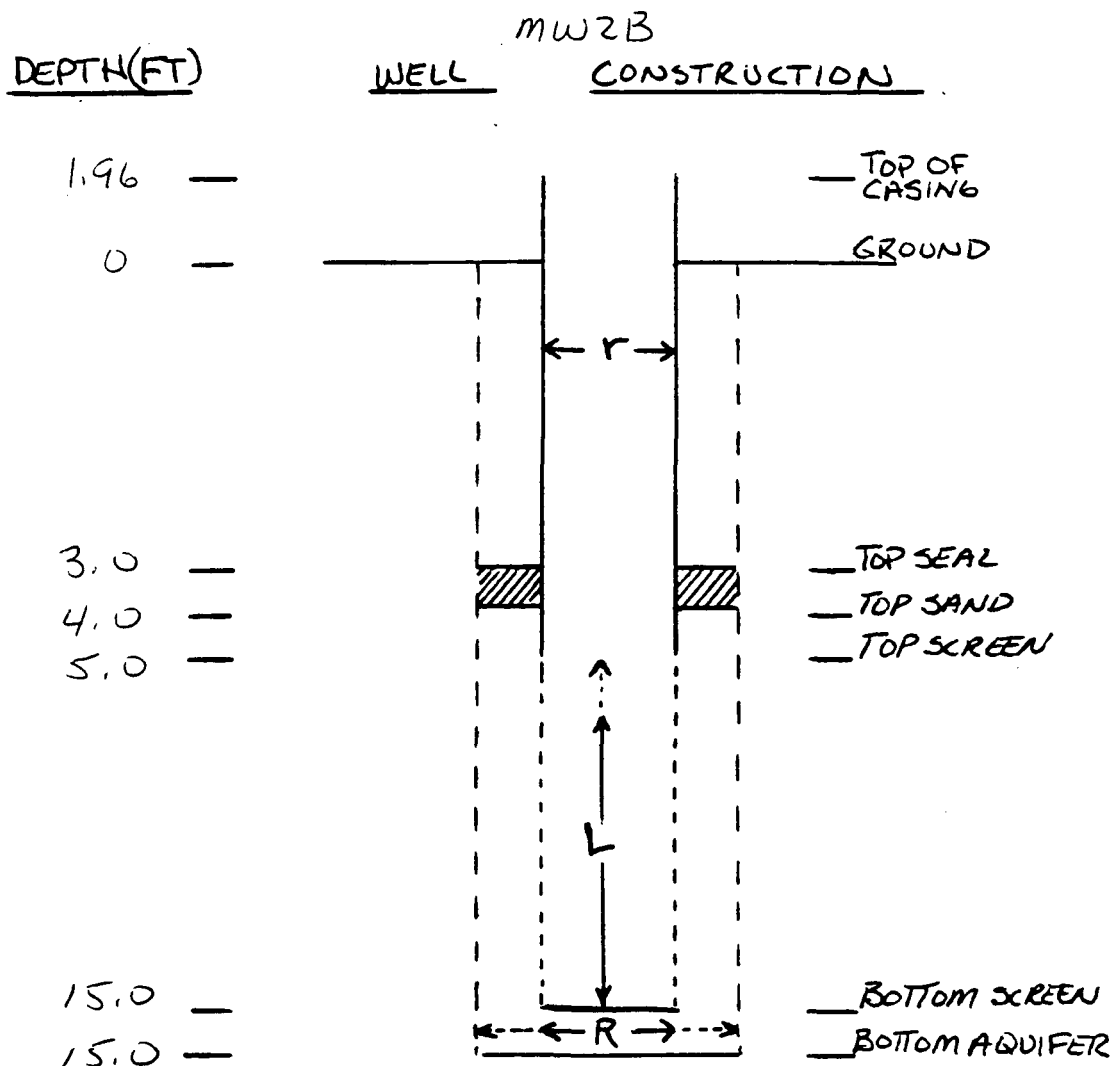
46 4970

KE SEMI-LOGARITHMIC PLOTTER, 70 DIVISIONS
KEUFFEL & ESSER CO. MADE IN U.S.A.



000924

CLIENT: USEPA REGION II	FILE NO.: L725 (Byron)	BY: MCH	PAGE 1 OF 3
SUBJECT: CALCULATIONS (NUORSLEU)		CHECKED BY: MLM	DATE: 12/23/88



$$r = .0833'$$

$$R = .0833'$$

$$L = 6.54'$$

$$T_o = .44 \text{ min (FALLING)}$$

$$.56 \text{ min (RISING)}$$

CLIENT: USEPA REGION II	FILE NO.: L725 (Byron)	BY: MCH	PAGE 2 OF 3
SUBJECT: CALCULATIONS (HVORSLEV) (MW23 - FALLING HEAD)		CHECKED BY: MLM	DATE: 12/23/98

$$K = \frac{r^2 \ln(L/R)}{2(L)(T_0)}$$

$$K = \frac{6.94 \times 10^{-3} \ln\left(\frac{6.54}{.0833}\right)}{2(6.54)(.44)}$$

$$K = \frac{6.94 \times 10^{-3} (4.36)}{(5.76)}$$

$$K = 5.26 \times 10^{-3} \quad \text{FT/MIN.}$$

$$K = 3.16 \times 10^{-1} \quad \text{FT/HR.}$$

$$K = 7.58 \quad \text{FT/DAY}$$

$$K = 2.67 \times 10^{-3} \quad \text{CM/SEC.}$$

CLIENT: USEPA REGION II	FILE NO.: L725 (Byron)	BY: mcN	PAGE 3 OF 3
SUBJECT: CALCULATIONS (HVORSLEV) (MW23 - RISING HEAD)		CHECKED BY: MLM	DATE: 12/23/88

$$K = \frac{r^2 \ln(L/R)}{2(L)(T_0)}$$

$$K = \frac{6.94 \times 10^{-3} \ln(6.54 / .0833)}{2(6.54)(.56)}$$

$$K = \frac{6.94 \times 10^{-3} (4.36)}{(7.32)}$$

$$K = 4.13 \times 10^{-3} \quad \text{FT/MIN.}$$

$$K = 2.48 \times 10^{-1} \quad \text{FT/NR.}$$

$$K = 5.95 \quad \text{FT/DAY}$$

$$K = 2.10 \times 10^{-3} \quad \text{CM/SEC.}$$

NUS CORPORATION

[illegible]

000928

NUS CORPORATION

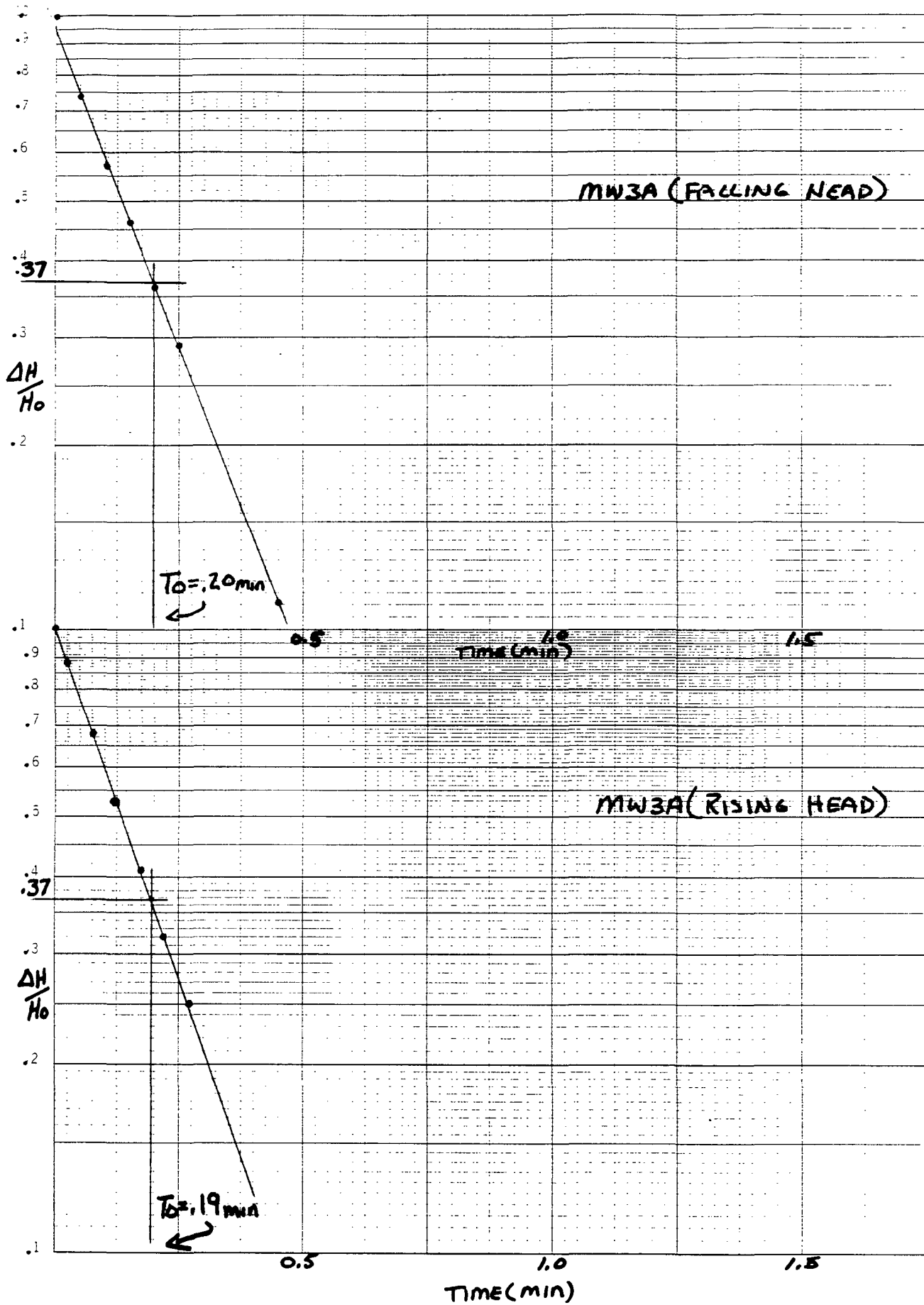
PAGE 1 OF 1

4x3.11

200929

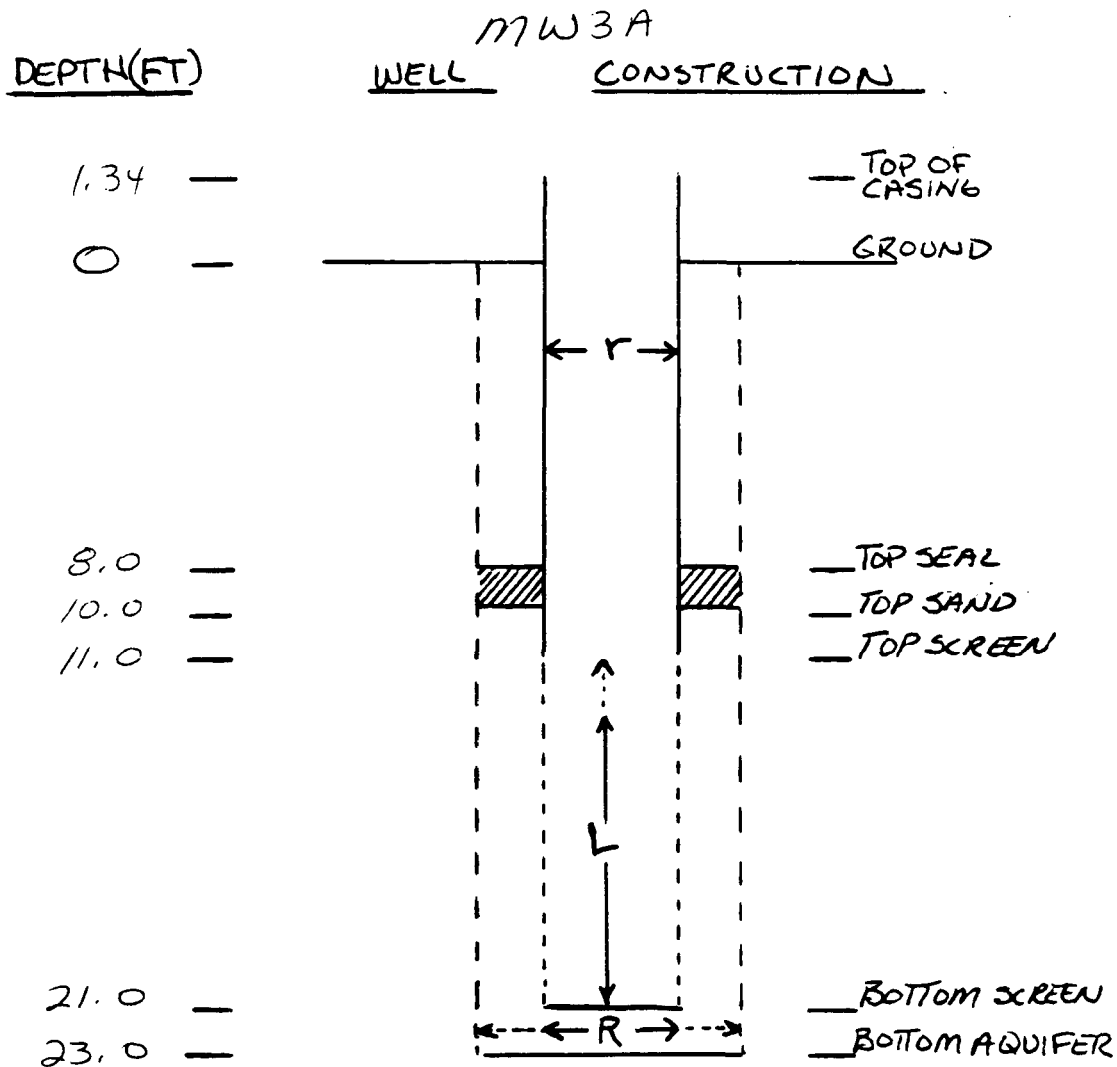
46 4970

K&E SEMI-LOGARITHMIC PAPER
 KEUFFEL & ESSER CO. NEW YORK, N.Y.



000930

CLIENT: USEPA REGION II	FILE NO.: L725 (Byron)	BY: MCH	PAGE 1 OF 3
SUBJECT: CALCULATIONS (NUORSLEU)		CHECKED BY: MLM	DATE: 12/28/88



$$r = .0833'$$

$$R = .0833'$$

$$L = 10'$$

$$T_0 = .20 \text{ min. (FALLING HEAD)}$$

$$.19 \text{ min. (RISING HEAD)}$$

CLIENT: USEPA REGION II	FILE NO.: L725 (Byron)	BY: MCH	PAGE 2 OF 3
SUBJECT: CALCULATIONS (HVORSLEV) MW3A (FALLING HEAD)		CHECKED BY: MLM	DATE: 12/28/88

$$K = \frac{r^2 \ln(L/R)}{2(L)(T_0)}$$

$$K = \frac{6.94 \times 10^{-3} \ln(10/0.833)}{2(10)(.2)}$$

$$K = \frac{6.94 \times 10^{-3} (4.79)}{(4)}$$

$$K = 8.31 \times 10^{-3} \quad \text{FT/MIN.}$$

$$K = 4.99 \times 10^{-1} \quad \text{FT/NR.}$$

$$K = 11.97 \quad \text{FT/DAY}$$

$$K = 4.22 \times 10^{-3} \quad \text{CM/SEC.}$$

CLIENT: USEPA REGION II	FILE NO.: L725 (Byron)	BY: MCH	PAGE 3 OF 3
SUBJECT: CALCULATIONS (HVORSLEV) MW3A (RISING HEAD)		CHECKED BY: MLM	DATE: 12/28/88

$$K = \frac{r^2 \ln(L/R)}{2(L)(T_0)}$$

$$K = \frac{6.94 \times 10^{-3} \ln\left(\frac{10}{.0833}\right)}{2(10)(.19)}$$

$$K = \frac{6.94 \times 10^{-3} (4.79)}{(3.8)}$$

$$K = 8.75 \times 10^{-3} \text{ FT/MIN.}$$

$$K = 5.25 \times 10^{-4} \text{ FT/NR.}$$

$$K = 12.60 \text{ FT/DAY}$$

$$K = 4.45 \times 10^{-3} \text{ CM/SEC.}$$

NUS CORPORATION

[illegible]

000934

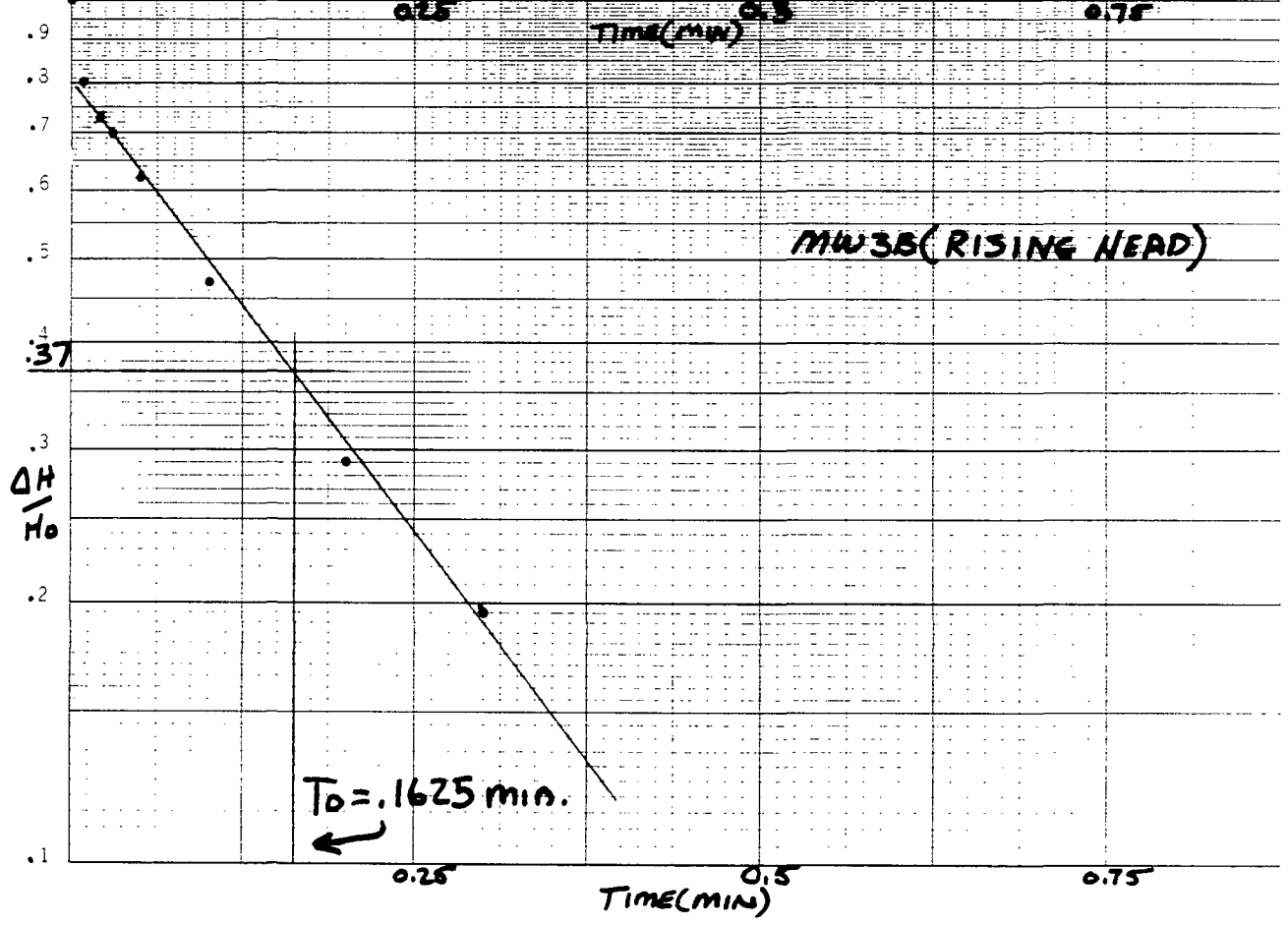
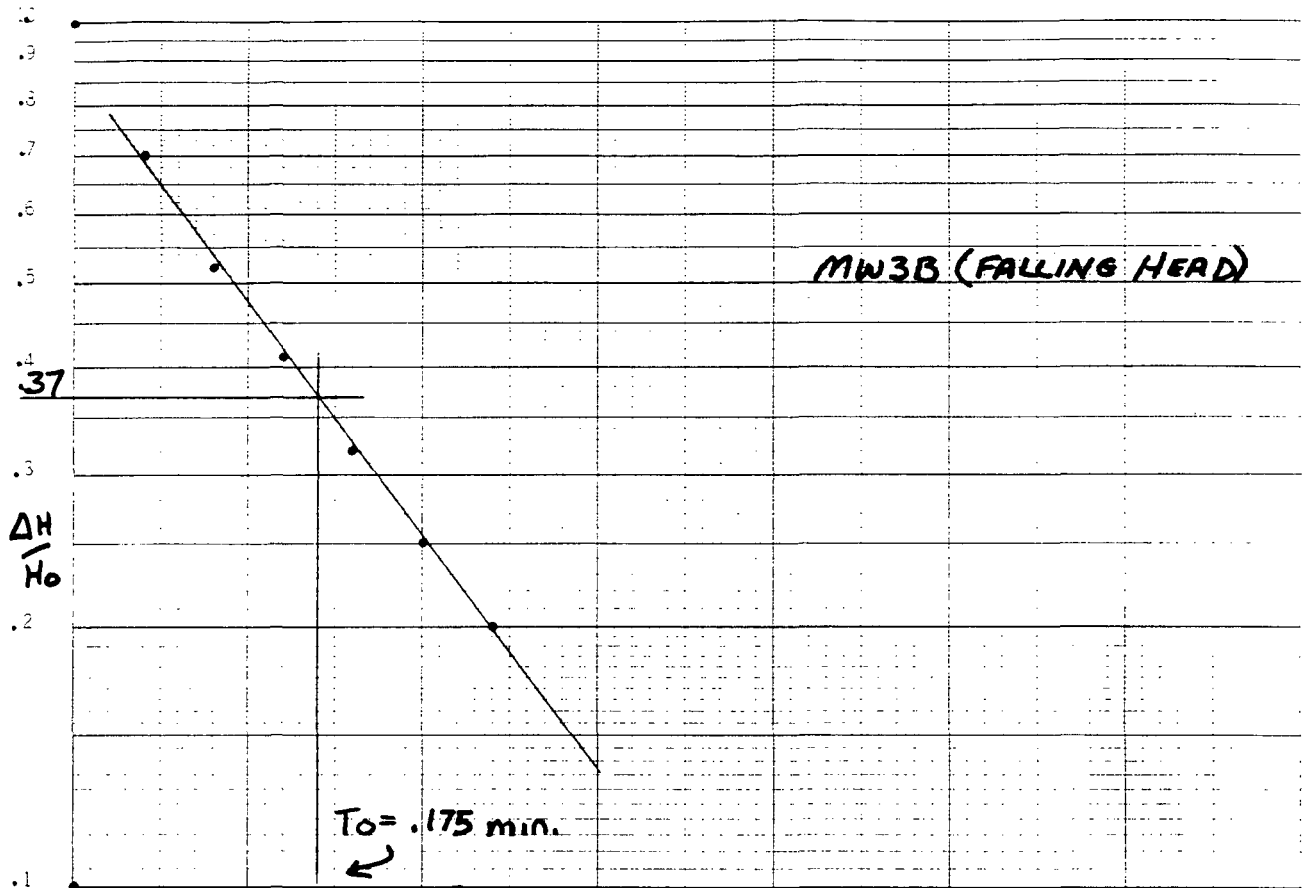
NUS CORPORATION

[illegible]

000935

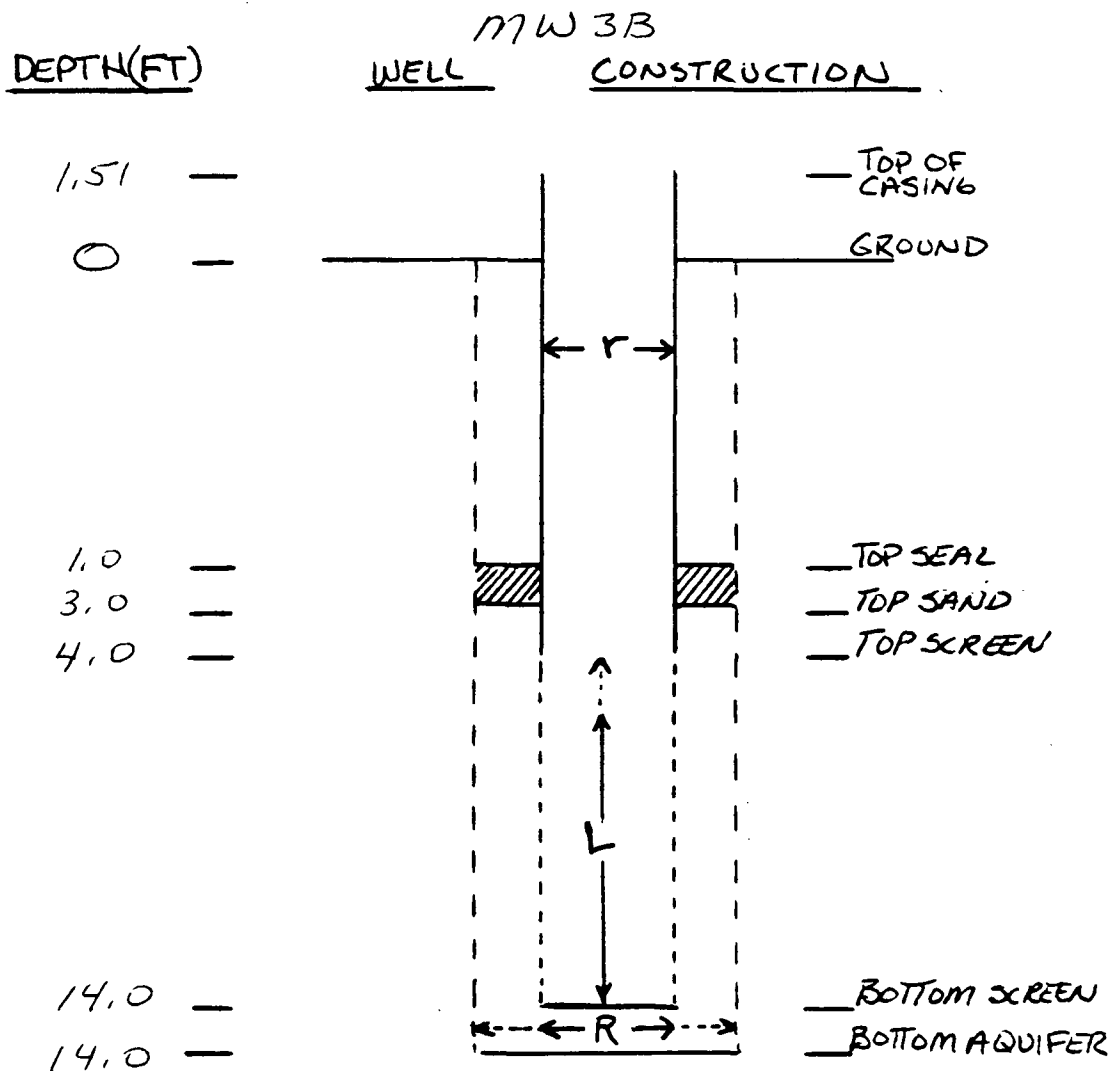
46 4970

K&E SEMI-LOGARITHMIC PLOTTER DIVISIONS
KEUFFEL & ESSER CO. MADE IN U.S.A.



000936

CLIENT: USEPA REGION II	FILE NO.: L725 (Byron)	BY: MCH	PAGE 1 OF 3
SUBJECT: CALCULATIONS (NUORSLEU)	CHECKED BY: MLM		DATE: 12/29/88



$$r = .0833'$$

$$R = .0833'$$

$$L = 6.18'$$

$$T_o = .175 \text{ min. (FALLING HEAD)}$$

$$.163 \text{ min. (RISING HEAD)}$$

CLIENT: USEPA REGION II	FILE NO.: L725 (Byron)	BY: MCH	PAGE 2 OF 3
SUBJECT: CALCULATIONS (HVORSLEV) MW 3B (FALLING HEAD)		CHECKED BY: MLM	DATE: 12/20/88

$$K = \frac{r^2 \ln(L/R)}{2(L)(T_0)}$$

$$K = \frac{6.94 \times 10^{-3} \ln(6.18 / .0833)}{2(6.18)(.175)}$$

$$K = \frac{6.94 \times 10^{-3} (4.31)}{(2.16)}$$

$$K = 1.38 \times 10^{-2} \quad \text{FT/MIN.}$$

$$K = 8.31 \times 10^{-1} \quad \text{FT/HR.}$$

$$K = 19.94 \quad \text{FT/DAY}$$

$$K = 7.04 \times 10^{-3} \quad \text{CM/SEC.}$$

CLIENT: USEPA REGION II	FILE NO.: L725 (Byron)	BY: MCH	PAGE 3 OF 3
SUBJECT: CALCULATIONS (HVORSLEV) MW 3B (RISING HEAD)		CHECKED BY: MLM	DATE: 12/28/88

$$K = \frac{r^2 \ln(L/R)}{2(L)(T_0)}$$

$$K = \frac{6.94 \times 10^{-3} \ln(6.18 / .0833)}{2(6.18)(.163)}$$

$$K = \frac{6.94 \times 10^{-3} (4.31)}{(2.01)}$$

$$K = 1.49 \times 10^{-2} \text{ FT/MIN.}$$

$$K = 8.93 \times 10^{-1} \text{ FT/NR.}$$

$$K = 21.43 \text{ FT/DAY}$$

$$K = 7.56 \times 10^{-3} \text{ CM/SEC.}$$

HYDRAULIC CONDUCTIVITY TESTING DATA SHEET

NUS CORPORATION

PROJECT NAME: Byram Tunnel + Drum WELL/BORING NO.: MW4A
 PROJECT NO.: 1612426 GEOLOGIST: M. Hicks
 WELL DIAMETER: 2" SCREEN LENGTH/DEPTH: 10'/34.0'-44.0' TEST NO.: 1
 STATIC WATER LEVEL (Depth/Elevation): 32.67' 1634.69' DATE: 10/17/88
 TEST TYPE (Rising/Falling/Constant Head): FALLING HEAD CHECKED: MLM
 METHOD OF INDUCING WATER LEVEL CHANGE: 3/4" x 8' PVC SLUG PAGE 1 OF 1

TIME	ELAPSED TIME (min. or sec.)	MEASURED DEPTH TO WATER (ft.)	CORRECTION	DEPTH TO WATER (ft.)	DRAWDOWN OR HEAD (ft.)	REMARKS
1025	0 min				0.58	TEST RUN 10/27/88
	.0166				0.54	FROM 1025 - 1043
	.0333				0.51	
	.0500				0.47	
	.0666				0.44	
	.0833				0.41	
	.1000				0.38	
	.1166				0.35	
	.1333				0.33	
	.1500				0.31	
	.1666				0.29	
	.1833				0.27	
	.2000				0.25	
	.2166				0.24	
	.2333				0.22	
	.3167				0.16	
	.4000				0.11	
	.4833				0.08	
	.5667				0.06	
	.6500				0.04	
	.7333				0.02	
	.8167				0.01	
	.9000				0.00	
	1.5667				- 0.01	
1028	2.900				—	

*ex 3-88

000940

NUS CORPORATION

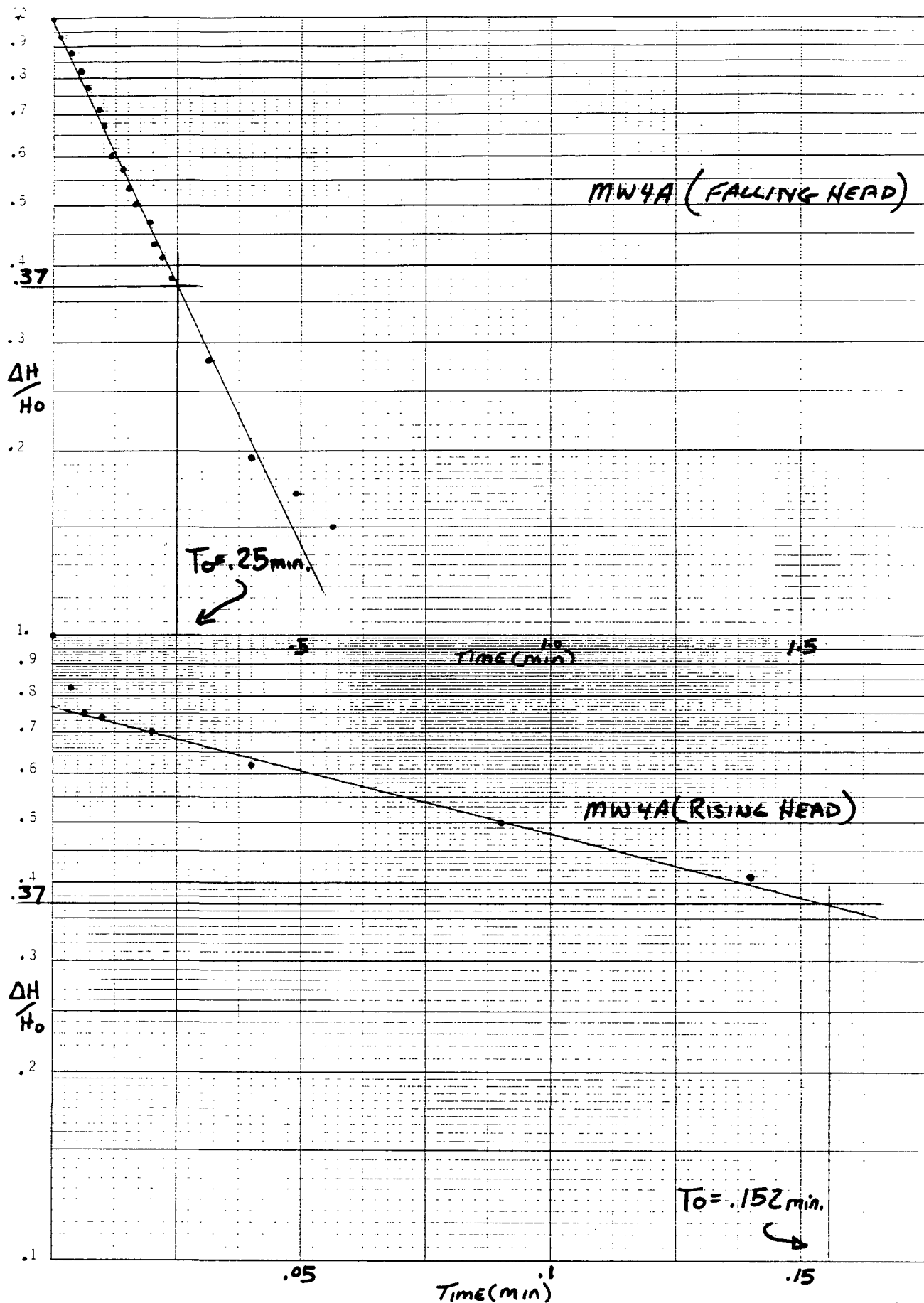
PROJECT NAME: Byron Barrel + Drum WELL/BORING NO.: MW4A
PROJECT NO.: 161-2CDB GEOLOGIST: M. Hicks
WELL DIAMETER: 2" SCREEN LENGTH/DEPTH: 10' / 34.0' - 44.0' TEST NO.: 1
STATIC WATER LEVEL (Depth/Elevation): 32.67' 1634.69' DATE: 10/17/98
TEST TYPE (Rising/Falling/Constant Head): RISING HEAD CHECKED: MLM
METHOD OF INDUCING WATER LEVEL CHANGE: 3/4" x 8' PVC SLUG PAGE 1 OF 1

[illegible]

000941

46 4970

SEMI-LOGARITHMIC PLOT
KEUTHEL & ESSER CO. MADE IN U.S.A.



000942

CLIENT: USEPA REGION II	FILE NO.: L725 (Byron)	BY: MCW	PAGE 1 OF 3
SUBJECT: CALCULATIONS (NUORSLEU)	CHECKED BY: MLM	DATE: 12/28/88	

M.W.4A

DEPTH(FT)

WELL

CONSTRUCTION

1.74 —

0 —

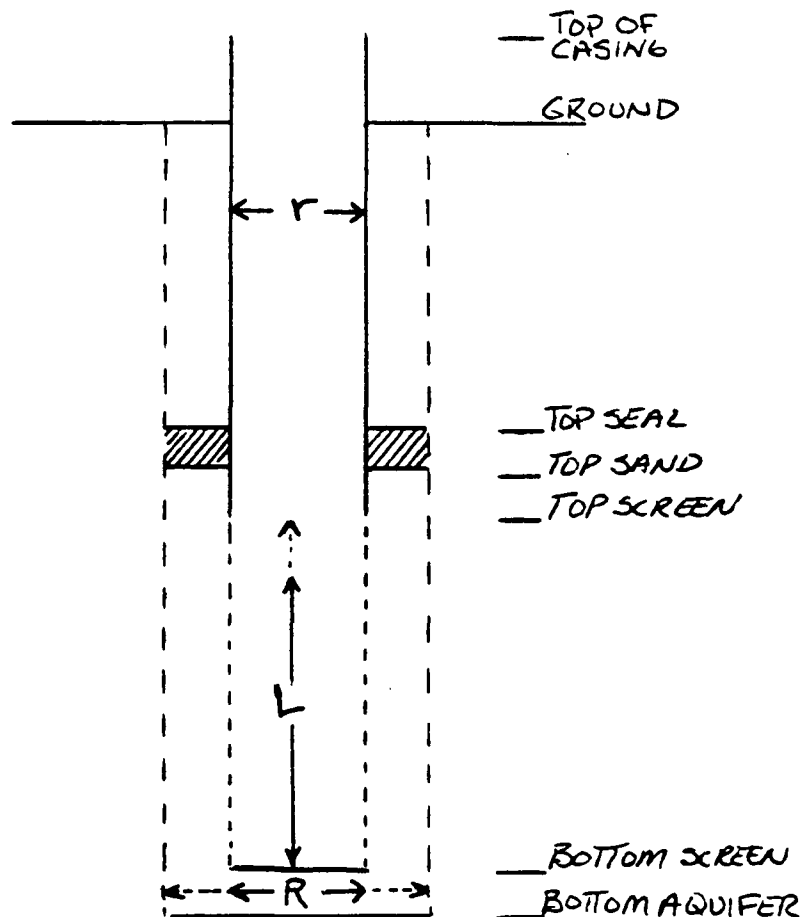
29.0 —

31.0 —

34.0 —

44.0 —

46.0 —



$$r = .0833'$$

$$R = .0833'$$

$$L = 10'$$

$$T_o = .25 \text{ min (FALLING HEAD)}$$

$$.152 \text{ min (RISING HEAD)}$$

CLIENT: USEPA REGION II	FILE NO.: C725 (Byron)	BY: mch	PAGE 3 OF 3
SUBJECT: CALCULATIONS (HVORSLEV) MW 4A (FALLING HEAD)		CHECKED BY: MLM	DATE: 12/28/88

$$K = \frac{r^2 \ln(L/R)}{2(L)(T_0)}$$

$$K = \frac{6.94 \times 10^{-3} \ln\left(\frac{10}{.0833}\right)}{2(10)(.25)}$$

$$K = \frac{6.94 \times 10^{-3} (4.79)}{(5)}$$

$$K = 6.65 \times 10^{-3} \quad \text{FT/MIN.}$$

$$K = 3.99 \times 10^{-1} \quad \text{FT/NR.}$$

$$K = 9.57 \quad \text{FT/DAY}$$

$$K = 3.38 \times 10^{-3} \quad \text{CM/SEC.}$$

CLIENT: USEPA REGION II	FILE NO.: L725 (Byron)	BY: MCH	PAGE 3 OF 3
SUBJECT: CALCULATIONS (HVORSLEV) MWYA (RISING HEAD)		CHECKED BY: MLM	DATE: 12/28/88

$$K = \frac{r^2 \ln(L/R)}{2(L)(T_0)}$$

$$K = \frac{6.94 \times 10^{-3} \ln(10 / .0833)}{2(10)(.152)}$$

$$K = \frac{6.94 \times 10^{-3} (4.79)}{(3.04)}$$

$$K = 1.09 \times 10^{-2} \text{ FT/MIN.}$$

$$K = 6.56 \times 10^{-1} \text{ FT/HR.}$$

$$K = 15.75 \text{ FT/DAY}$$

$$K = 5.56 \times 10^{-3} \text{ CM/SEC.}$$

NUS CORPORATION

PROJECT NAME: BYRON BARREL + DRUM WELL/BORING NO.: MW 5A
PROJECT NO.: 141-2LP6 GEOLOGIST: M. Hicks
WELL DIAMETER: 2" SCREEN LENGTH/DEPTH: 10' / 13'-23' TEST NO.: 1
STATIC WATER LEVEL (Depth/Elevation): 4.04' / 634.13' DATE: 10/17/88
TEST TYPE (Rising/Falling/Constant Head): Falling CHECKED: MLM
METHOD OF INDUCING WATER LEVEL CHANGE: 3/4" x 8' PVC slug PAGE 1 OF 1

[illegible]

000946

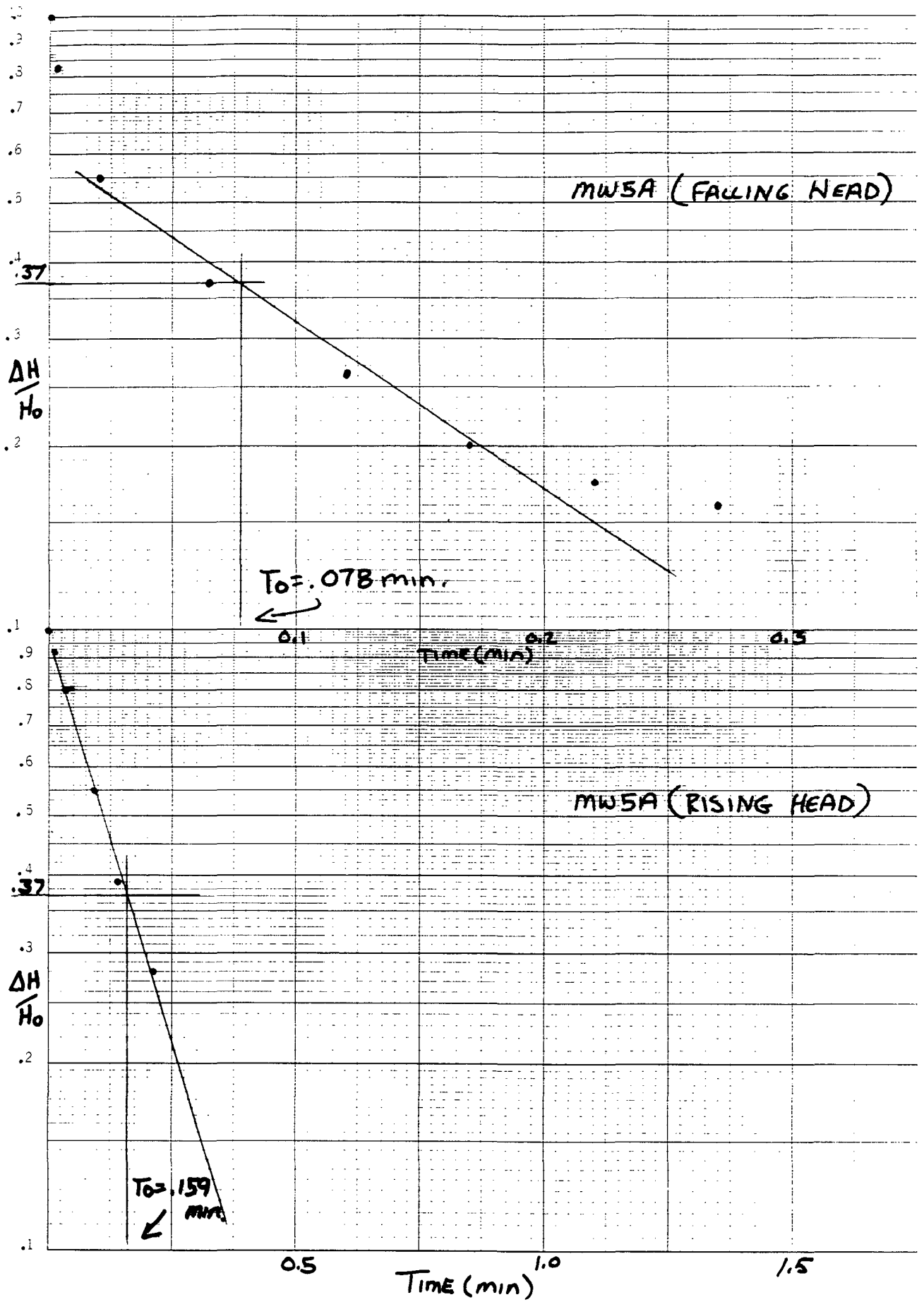
NUS CORPORATION

[illegible]

000947

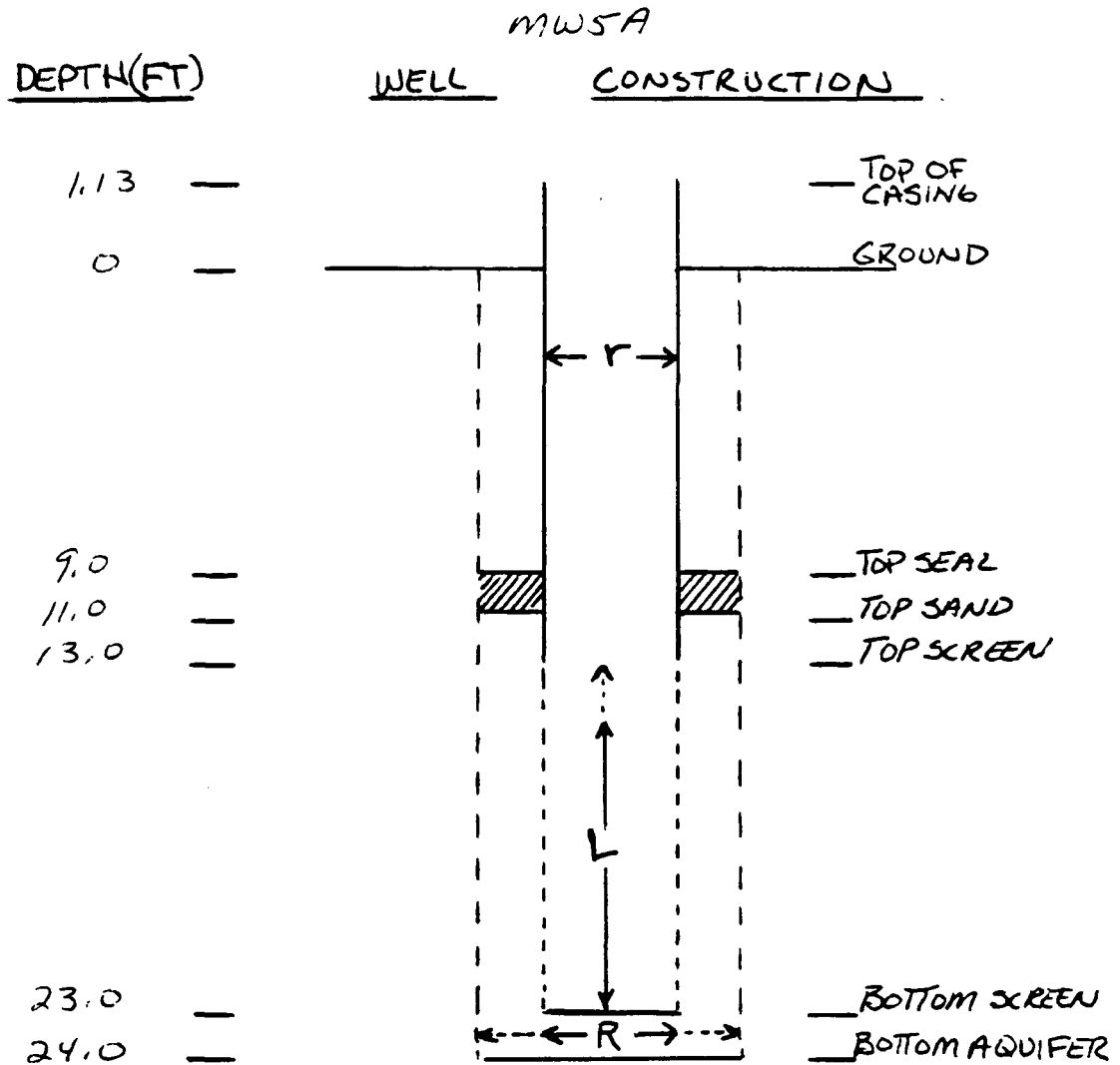
46 4970

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000948

CLIENT: USEPA REGION II	FILE NO.: L725 (Byron)	BY: MCH	PAGE 1 OF 3
SUBJECT: CALCULATIONS (NUORSLEU)	CHECKED BY: MLM	DATE: 12/28/88	



$$r = .0833'$$

$$R = .0833'$$

$$L = 10'$$

$$T_o = .159 \text{ min (RISING HEAD)}$$

$$.078 \text{ min (FALLING HEAD)}$$

CLIENT: USEPA REGION II	FILE NO.: L725 (Byron)	BY: MCH	PAGE 2 OF 3
SUBJECT: CALCULATIONS (HVORSLEV) MWSA (FALLING HEAD)		CHECKED BY: MLM	DATE: 12/28/88

$$K = \frac{r^2 \ln(L/R)}{2(L)(T_0)}$$

$$K = \frac{6.94 \times 10^{-3} \ln(10 / .0833)}{2(10)(.078)}$$

$$K = \frac{6.94 \times 10^{-3} (4.79)}{(1.56)}$$

$$K = 2.13 \times 10^{-2} \text{ FT/MIN.}$$

$$K = 1.28 \text{ FT/NR.}$$

$$K = 30.68 \text{ FT/DAY}$$

$$K = 1.08 \times 10^{-2} \text{ CM/SEC.}$$

CLIENT: USEPA REGION II	FILE NO.: C725 (B420m)	BY: MCH	PAGE 3 OF 3
SUBJECT: CALCULATIONS (HVORSLEV) MWSA (RISING HEAD)		CHECKED BY: MLM	DATE: 12/28/98

$$K = \frac{r^2 \ln(L/R)}{2(L)(T_0)}$$

$$K = \frac{6.94 \times 10^{-3} \ln(10 / .0833)}{2(10)(.159)}$$

$$K = \frac{6.94 \times 10^{-3} (4.79)}{(3.18)}$$

$$K = 1.05 \times 10^{-2} \text{ FT/MIN.}$$

$$K = 6.27 \times 10^{-1} \text{ FT/HR.}$$

$$K = 15.05 \text{ FT/DAY}$$

$$K = 5.30 \times 10^{-3} \text{ CM/SEC.}$$

NUS CORPORATION

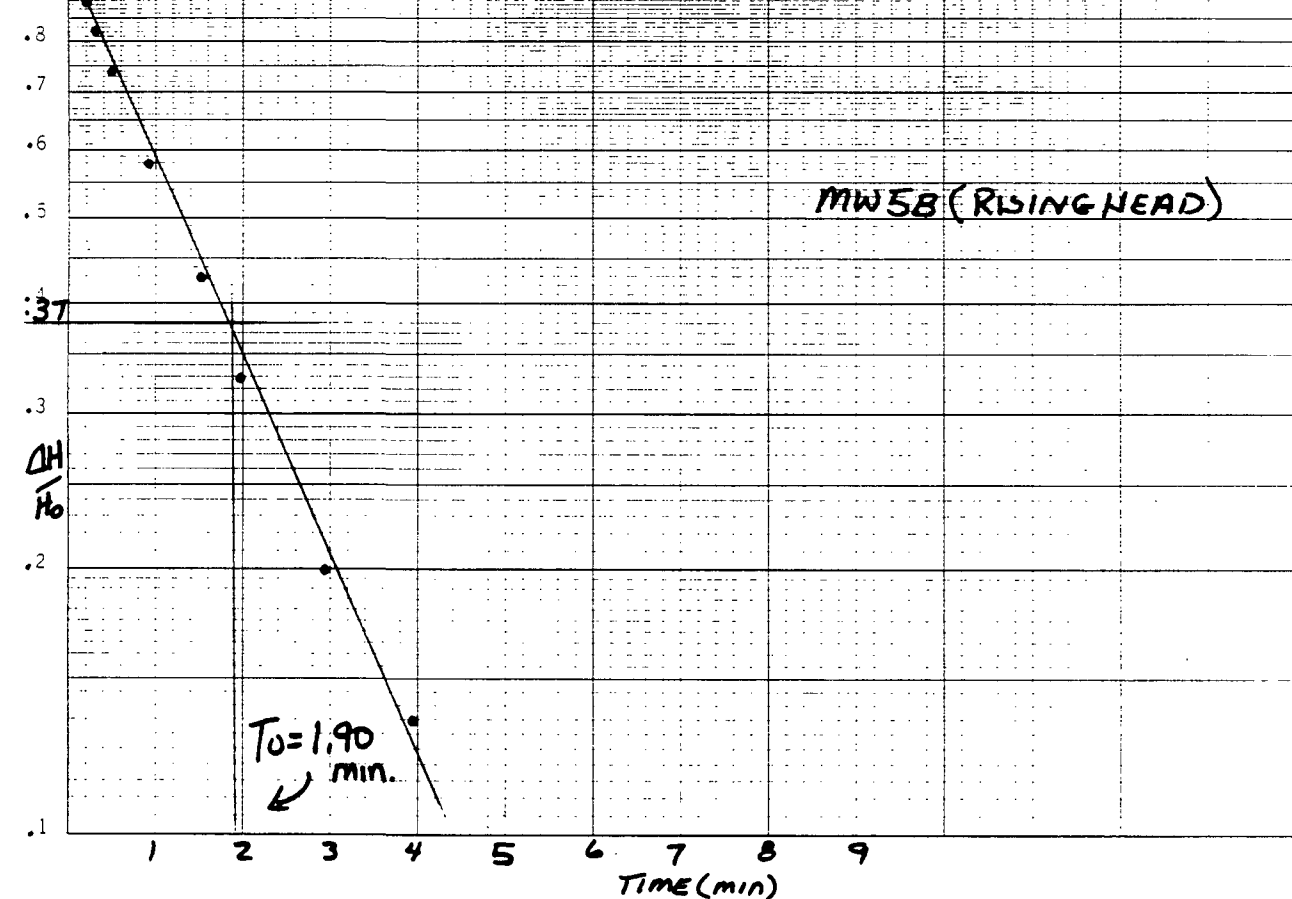
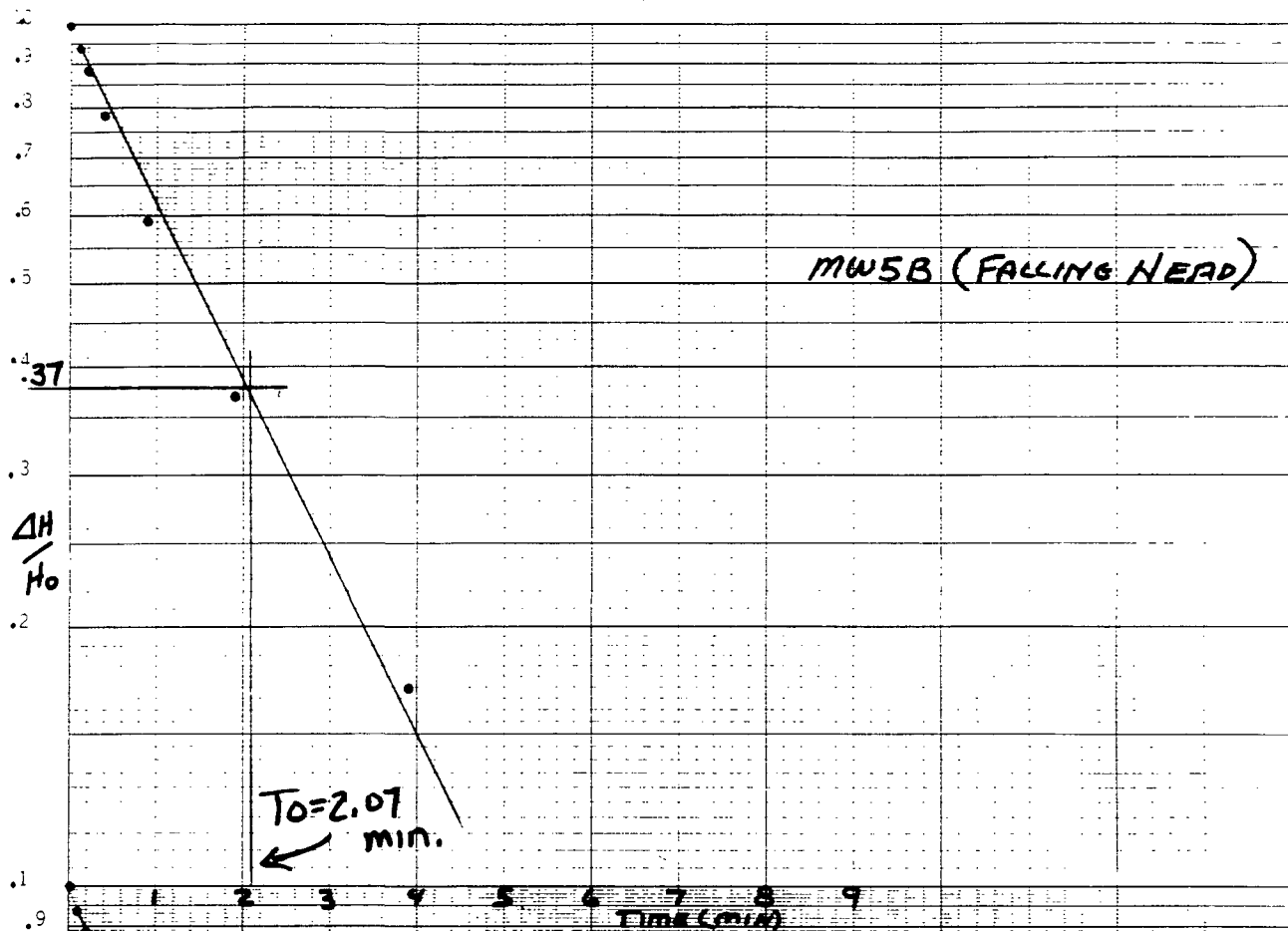
[illegible]

000952

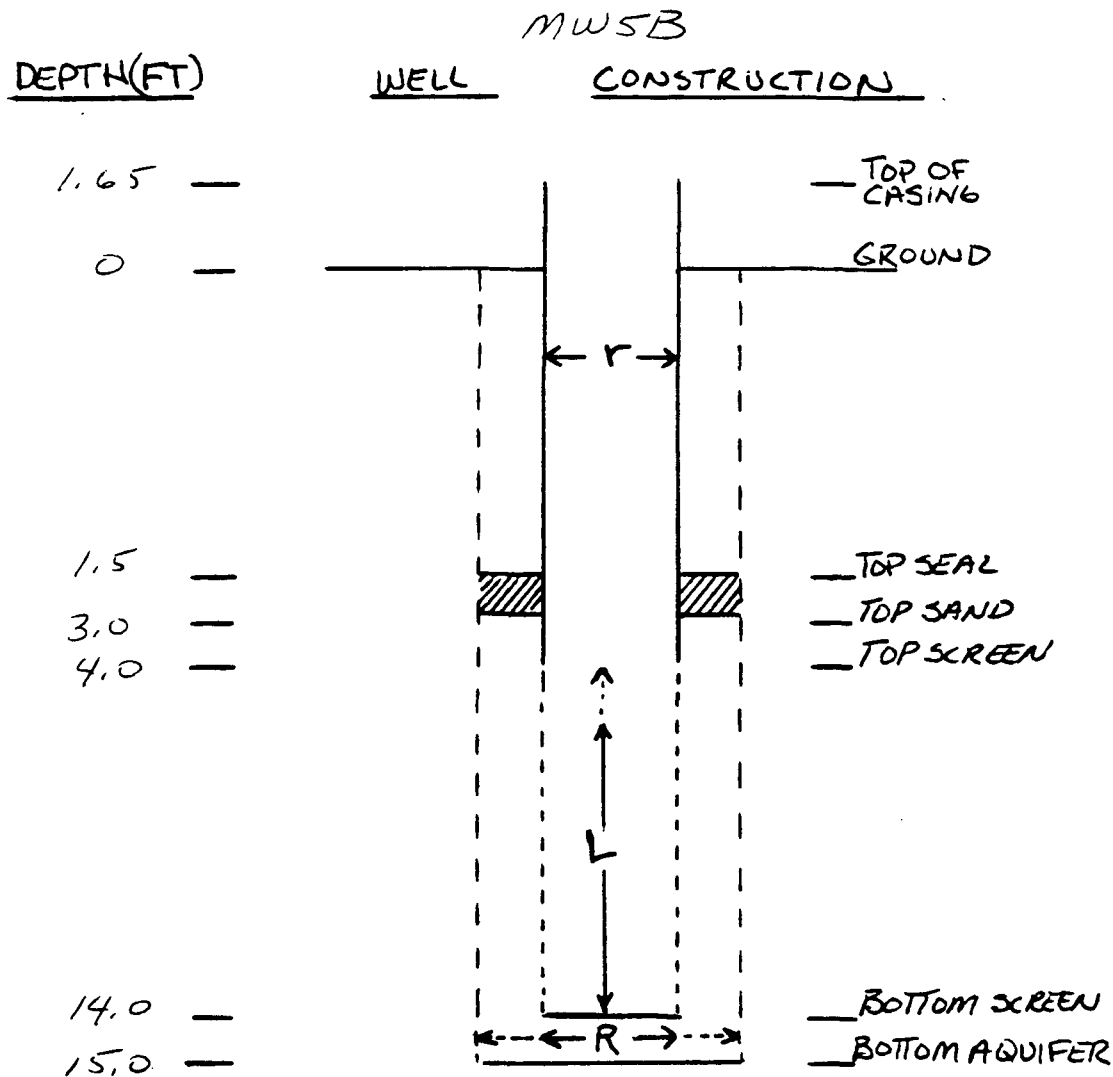
NUS CORPORATION

[illegible]

000953



CLIENT: USEPA REGION II	FILE NO.: L725 (Byron)	BY: MCH	PAGE 1 OF 3
SUBJECT: CALCULATIONS (NUORSLEU)	CHECKED BY: MLM	DATE: 12/28/88	



$$r = .0833'$$

$$R = .0833'$$

$$L = 10'$$

$$T_0 = 2.07 \text{ min (FALLING HEAD)}$$

$$1.90 \text{ min (RISING HEAD)}$$

CLIENT: USEPA REGION II	FILE NO.: L725 (Byron)	BY: MCH	PAGE 2 OF 3
SUBJECT: CALCULATIONS (HVORSLEV) MW513 (FALLING HEAD)		CHECKED BY: MLM	DATE: 12/28/83

$$K = \frac{r^2 \ln(L/R)}{2(L)(T_0)}$$

$$K = \frac{6.94 \times 10^{-3} \ln(10 / .0833)}{2(10)(2.07)}$$

$$K = \frac{6.94 \times 10^{-3} (4.79)}{(41.40)}$$

$$K = 8.03 \times 10^{-4} \text{ FT/MIN.}$$

$$K = 4.82 \times 10^{-2} \text{ FT/HR.}$$

$$K = 1.16 \text{ FT/DAY}$$

$$K = 4.08 \times 10^{-4} \text{ CM/SEC.}$$

CLIENT: USEPA REGION II	FILE NO.: L725 (Byron)	BY: MCH	PAGE 3 OF 3
SUBJECT: CALCULATIONS (HVORSLEV) MWSB (RISING HEAD)		CHECKED BY: MLM	DATE: 12/28/88

$$K = \frac{r^2 \ln(L/R)}{2(L)(T_0)}$$

$$K = \frac{6.94 \times 10^{-3} \ln(10 / .0833)}{2(10)(1.9)}$$

$$K = \frac{6.94 \times 10^{-3} (4.79)}{(38)}$$

$$K = 8.75 \times 10^{-4} \text{ FT/MIN.}$$

$$K = 5.25 \times 10^{-2} \text{ FT/HR.}$$

$$K = 1.26 \text{ FT/DAY}$$

$$K = 4.45 \times 10^{-4} \text{ CM/SEC.}$$

NUS CORPORATION

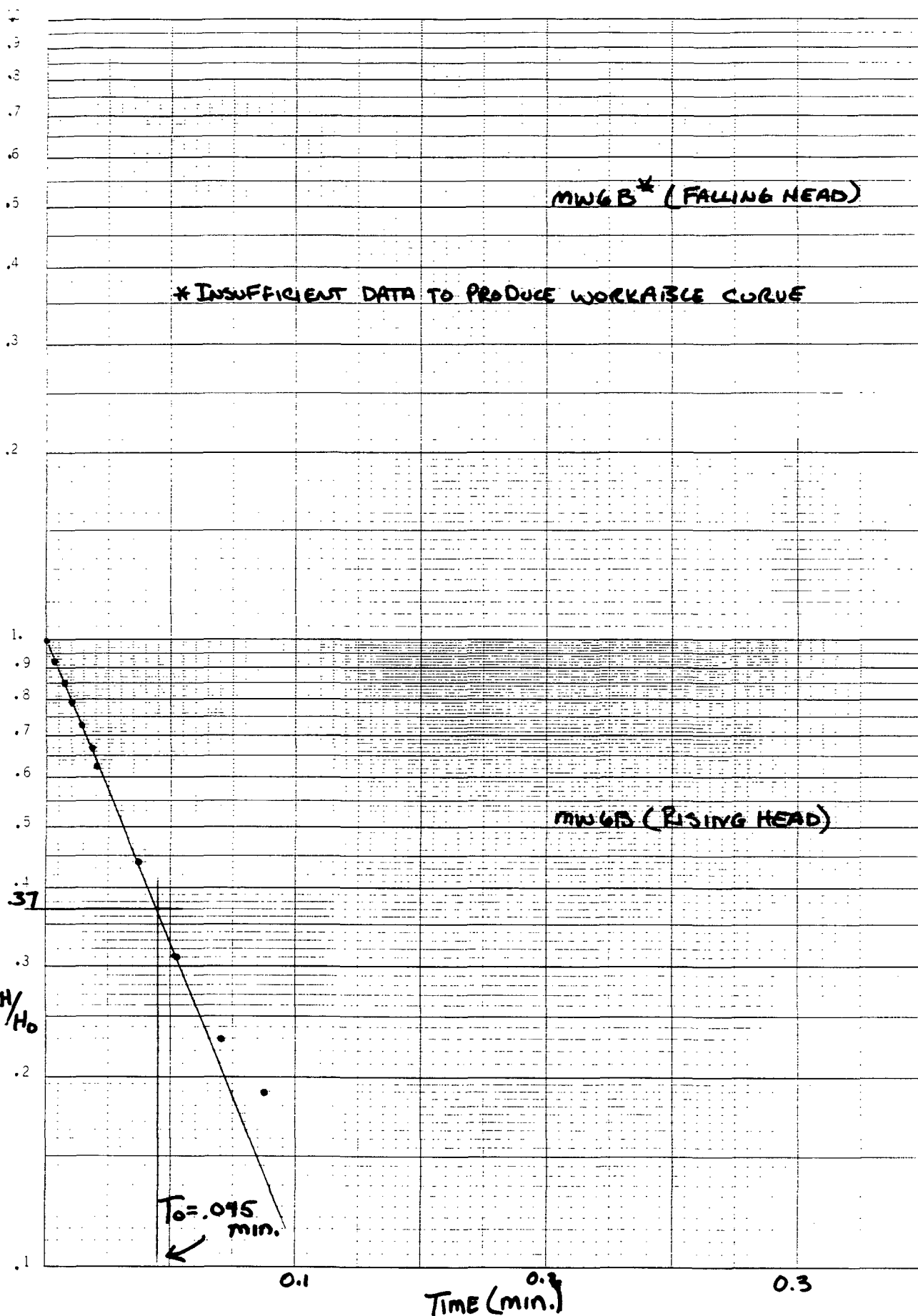
[illegible]

669958

46 4970

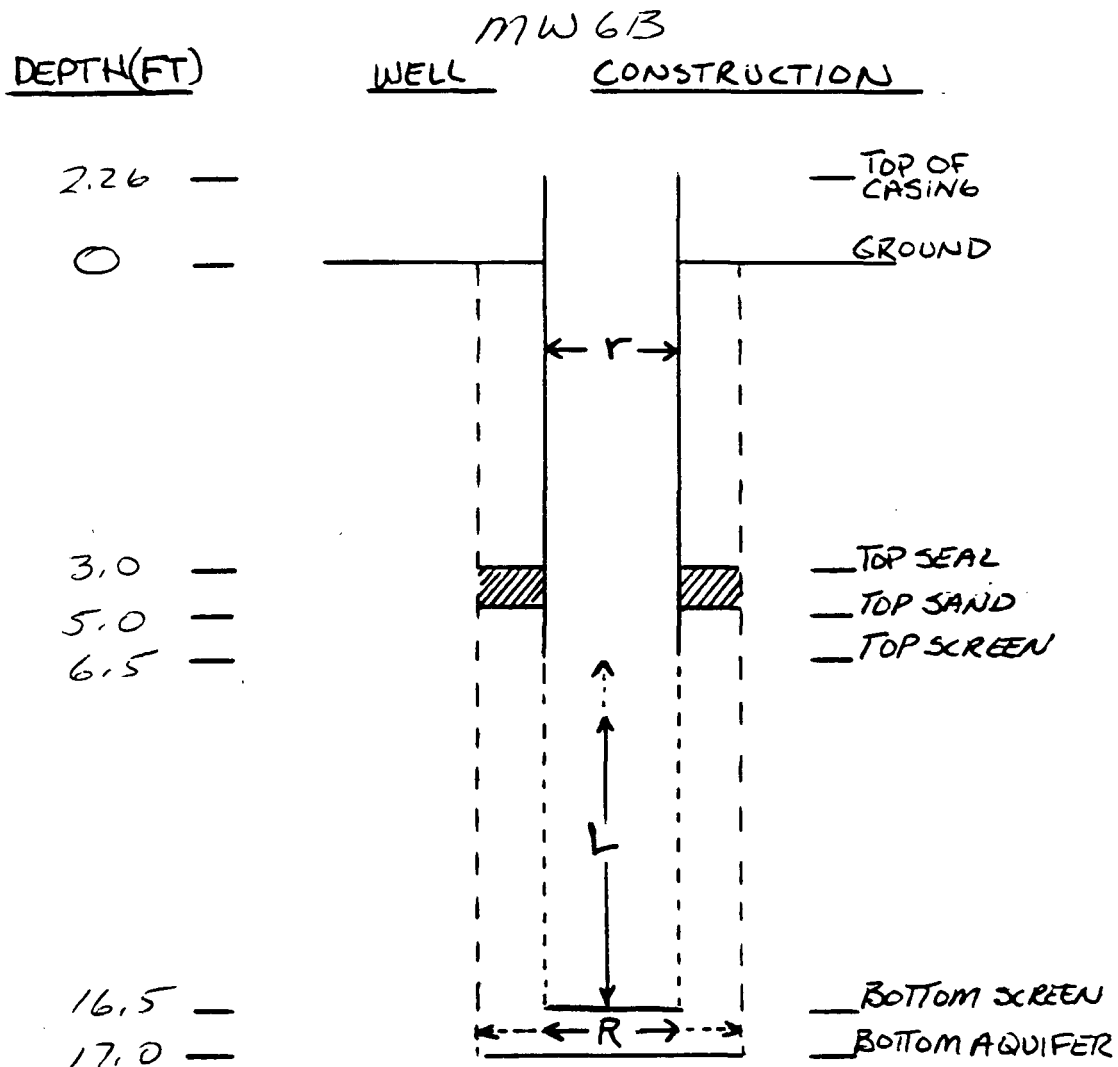
K&E SEMI-LOGARITHMIC PLOTTER, 10 DIVISIONS
KEUFFEL & ESSER CO. MADE IN U.S.A.

$\Delta H/H_0$



000959

CLIENT: USEPA REGION II	FILE NO.: L725 (Byron)	BY: MCH	PAGE 1 OF 2
SUBJECT: CALCULATIONS (NUORSLEU)	CHECKED BY: MLM	DATE: 12/28/88	



$$r = .0833'$$

$$R = .0833'$$

$$L = 5.81$$

$$T_0 = \text{Poor Data (FALLING HEAD)}$$

$$1045 \text{ min. (RISING HEAD)}$$

CLIENT: USEPA REGION II	FILE NO.: L725 (Byron)	BY: MCH	PAGE 2 OF 2
SUBJECT: CALCULATIONS (HVORSLEV) MWGB (RISING HEAD)		CHECKED BY: MLM	DATE: 12/24/88

$$K = \frac{r^2 \ln(L/R)}{2(L)(T_0)}$$

$$K = \frac{6.94 \times 10^{-3} \ln(5.81/.0833)}{2(5.81)(.045)}$$

$$K = \frac{6.94 \times 10^{-3} (4.24)}{(.523)}$$

$$K = 5.63 \times 10^{-2} \text{ FT/MIN.}$$

$$K = 3.38 \text{ FT/NR.}$$

$$K = 81 \text{ FT/DAY}$$

$$K = 2.86 \times 10^{-2} \text{ CM/SEC.}$$

NUS CORPORATION

[illegible]

000962

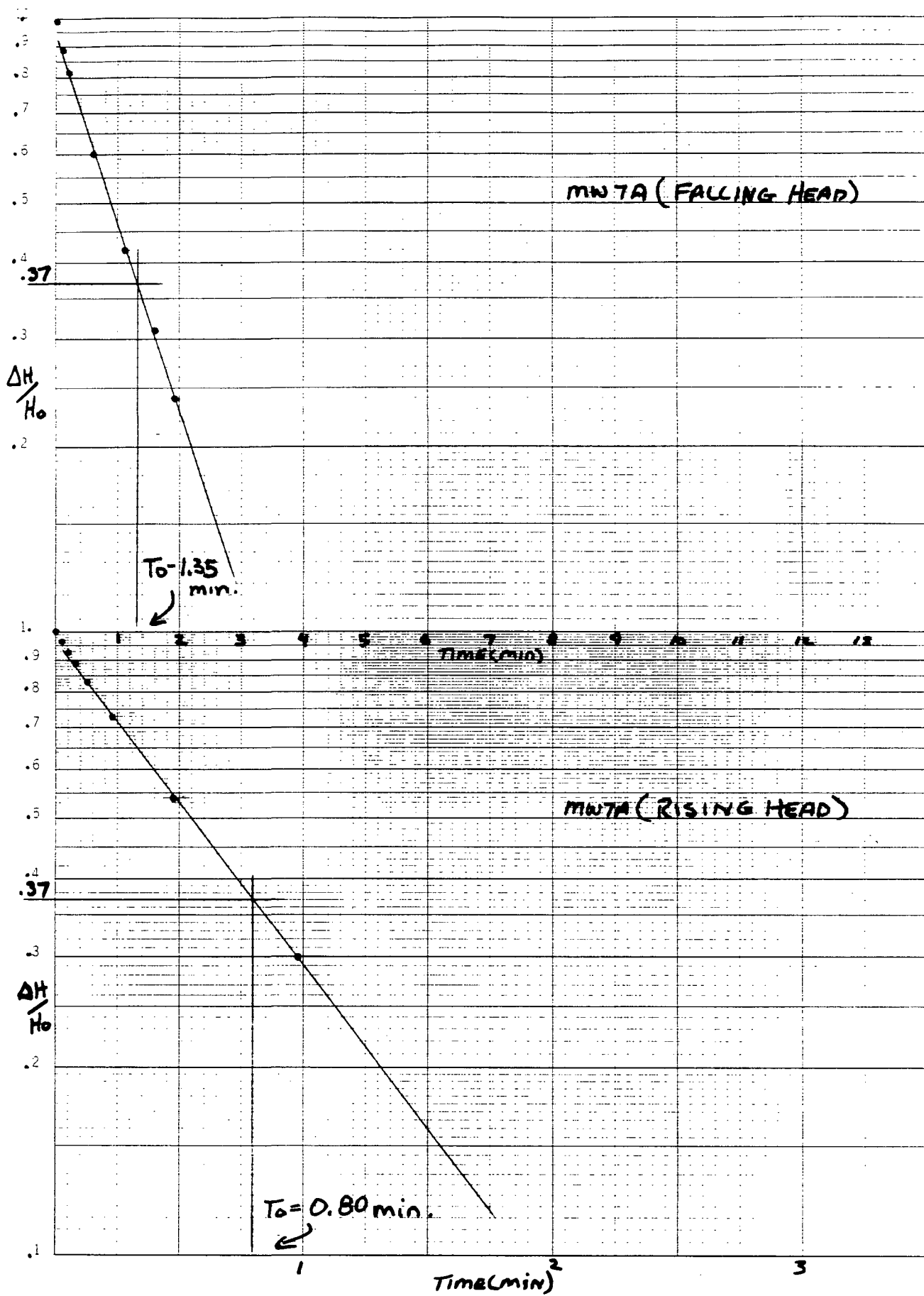
NUS CORPORATION

[illegible]

009963

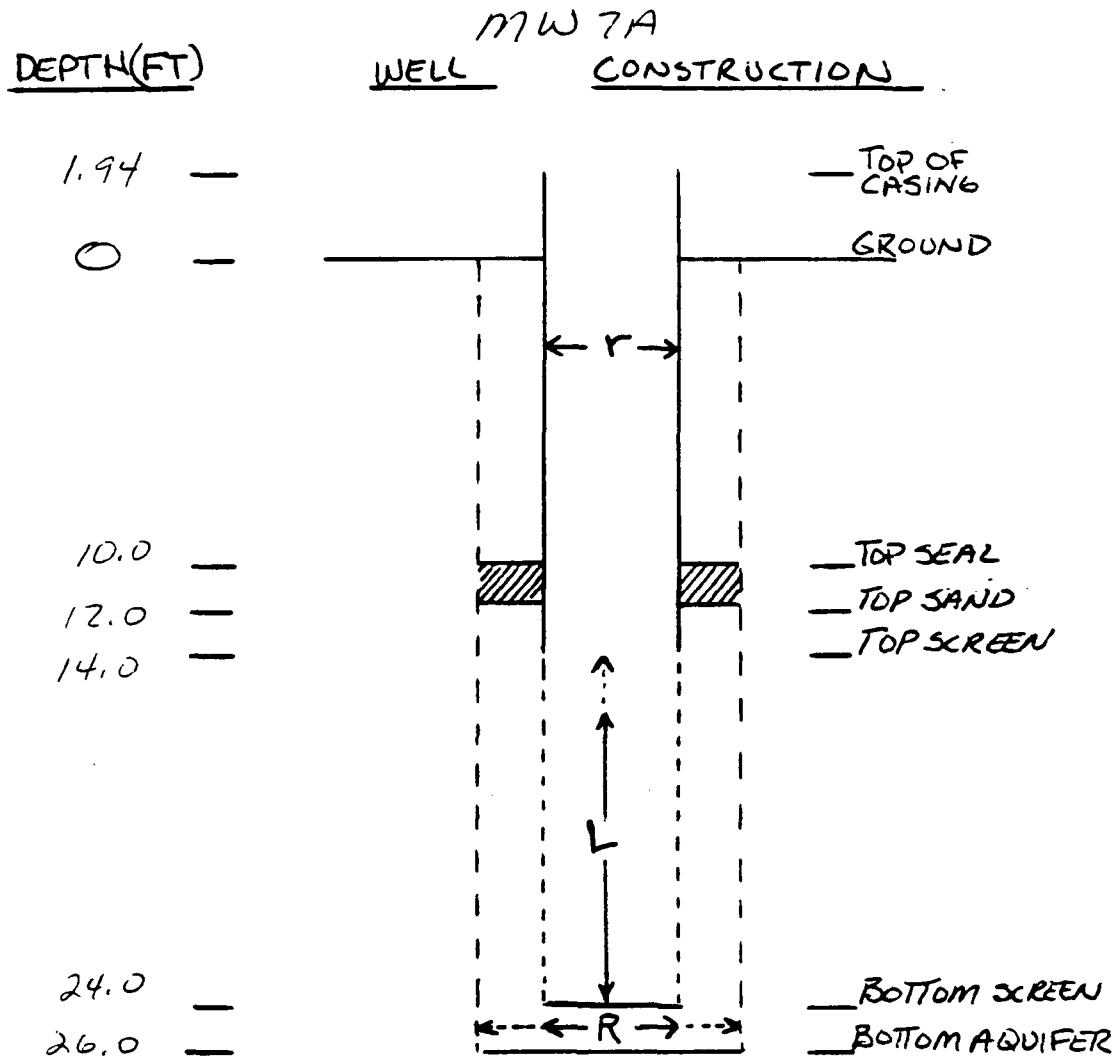
46 4970

K&E SEMI-LOGARITHMIC • 7 CYCLES X 70 DIVISIONS
KEUFFEL & ESSER CO. MADE IN U.S.A.



000964

CLIENT: USEPA REGION II	FILE NO.: L725 (Byron)	BY: MCH	PAGE 1 OF 3
SUBJECT: CALCULATIONS (NUORSLEU)	CHECKED BY: MLM	DATE: 12/28/88	



$$r = .0833'$$

$$R = .0833'$$

$$L = 10'$$

$$T_0 = 1.35 \text{ min. (FALLING HEAD)}$$

$$.80 \text{ min (RISING HEAD)}$$

CLIENT: USEPA REGION II	FILE NO.: L725 (Byron)	BY: MCH	PAGE 2 OF 3
SUBJECT: CALCULATIONS (HVORSLEV) MW 7A (FALLING HEAD)		CHECKED BY: MLM	DATE: 12/28/88

$$K = \frac{r^2 \ln(L/R)}{2(L)(T_0)}$$

$$K = \frac{6.94 \times 10^{-3} \ln(10 / .0833)}{2(10)(1.35)}$$

$$K = \frac{6.94 \times 10^{-3} (4.79)}{(27)}$$

$$K = 1.23 \times 10^{-3} \text{ FT/MIN.}$$

$$K = 7.39 \times 10^{-2} \text{ FT/HR.}$$

$$K = 1.77 \text{ FT/DAY}$$

$$K = 6.25 \times 10^{-4} \text{ CM/SEC.}$$

CLIENT: USEPA REGION II	FILE NO.: L725 (Byron)	BY: MCH	PAGE 3 OF 3
SUBJECT: CALCULATIONS (HVORSLEV) MW 7A (RISING HEAD)		CHECKED BY: MLM	DATE: 12/28/88

$$K = \frac{r^2 \ln(L/R)}{2(L)(T_0)}$$

$$K = \frac{6.94 \times 10^{-3} \ln\left(\frac{10}{.0833}\right)}{2(10)(.8)}$$

$$K = \frac{6.94 \times 10^{-3} (4.79)}{(16)}$$

$$K = 2.08 \times 10^{-3} \quad \text{FT/MIN.}$$

$$K = 1.25 \times 10^{-1} \quad \text{FT/NR.}$$

$$K = 2.99 \quad \text{FT/DAY}$$

$$K = 1.06 \times 10^{-3} \quad \text{CM/SEC.}$$

NUS CORPORATION

[illegible]

000968

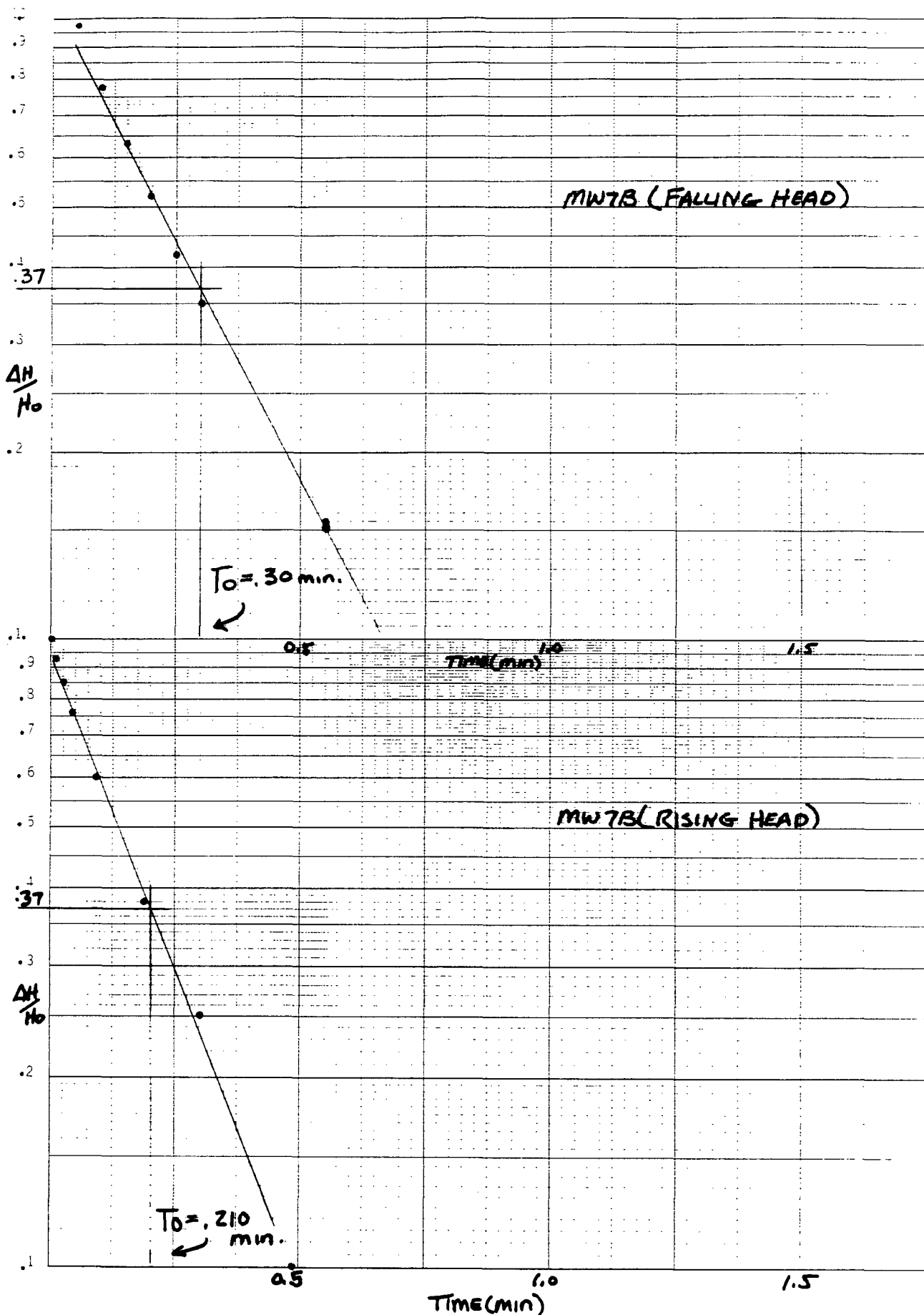
NUS CORPORATION

[illegible]

000969

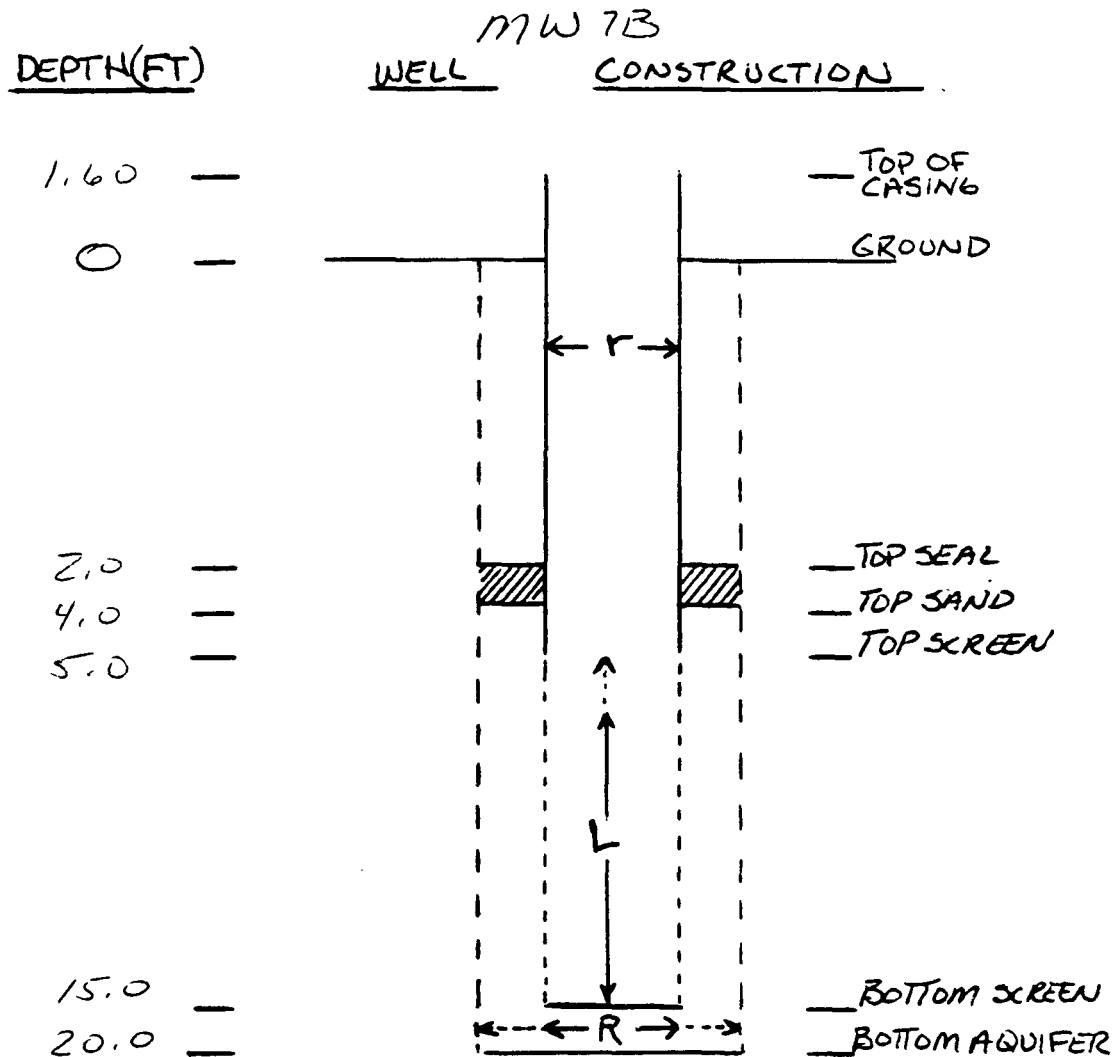
46 4970

K&E SEMI-LOGARITHMIC PAPER WITH 10 DIVISIONS
NEUFFEL & ESSER CO. MADE IN U.S.A.



000970

CLIENT: USEPA REGION II	FILE NO.: L725 (Byron)	BY: MCH	PAGE 1 OF 3
SUBJECT: CALCULATIONS (NUORSLEU)		CHECKED BY: MLM	DATE: 12/29/84



$$r = .0833'$$

$$R = .0833'$$

$$L = 10'$$

$$T_0 = \begin{matrix} .30 \text{ min.} & (\text{FALLING HEAD}) \\ .21 \text{ min.} & (\text{RISING HEAD}) \end{matrix}$$

CLIENT: USEPA REGION II	FILE NO.: L725 (Byron)	BY: MCH	PAGE 2 OF 3
SUBJECT: CALCULATIONS (HVORSLEV) MW 7/3 (FALLING HEAD)		CHECKED BY: MLM	DATE: 12/23/88

$$K = \frac{r^2 \ln(L/R)}{2(L)(T_0)}$$

$$K = \frac{6.94 \times 10^{-3} \ln(10/.0833)}{2(10)(.3)}$$

$$K = \frac{6.94 \times 10^{-3} (4.79)}{(6)}$$

$$K = 5.54 \times 10^{-3} \quad \text{FT/MIN.}$$

$$K = 3.32 \times 10^{-1} \quad \text{FT/HR.}$$

$$K = 7.98 \quad \text{FT/DAY}$$

$$K = 2.82 \times 10^{-3} \quad \text{CM/SEC.}$$

CLIENT: USEPA REGION II	FILE NO.: L725 (Byron)	BY: MCH	PAGE 3 OF 3
SUBJECT: CALCULATIONS (HVORSLEV) MW 73 (RISING HEAD)		CHECKED BY: MLM	DATE: 12/28/88

$$K = \frac{r^2 \ln(L/R)}{2(L)(T_0)}$$

$$K = \frac{6.94 \times 10^{-3} \ln(10 / .0833)}{2(10)(.21)}$$

$$K = \frac{6.94 \times 10^{-3} (4.79)}{(4.2)}$$

$$K = 7.92 \times 10^{-3} \text{ FT/MIN.}$$

$$K = 4.75 \times 10^{-1} \text{ FT/HR.}$$

$$K = 11.40 \text{ FT/DAY}$$

$$K = 4.02 \times 10^{-3} \text{ CM/SEC.}$$

NUS CORPORATION

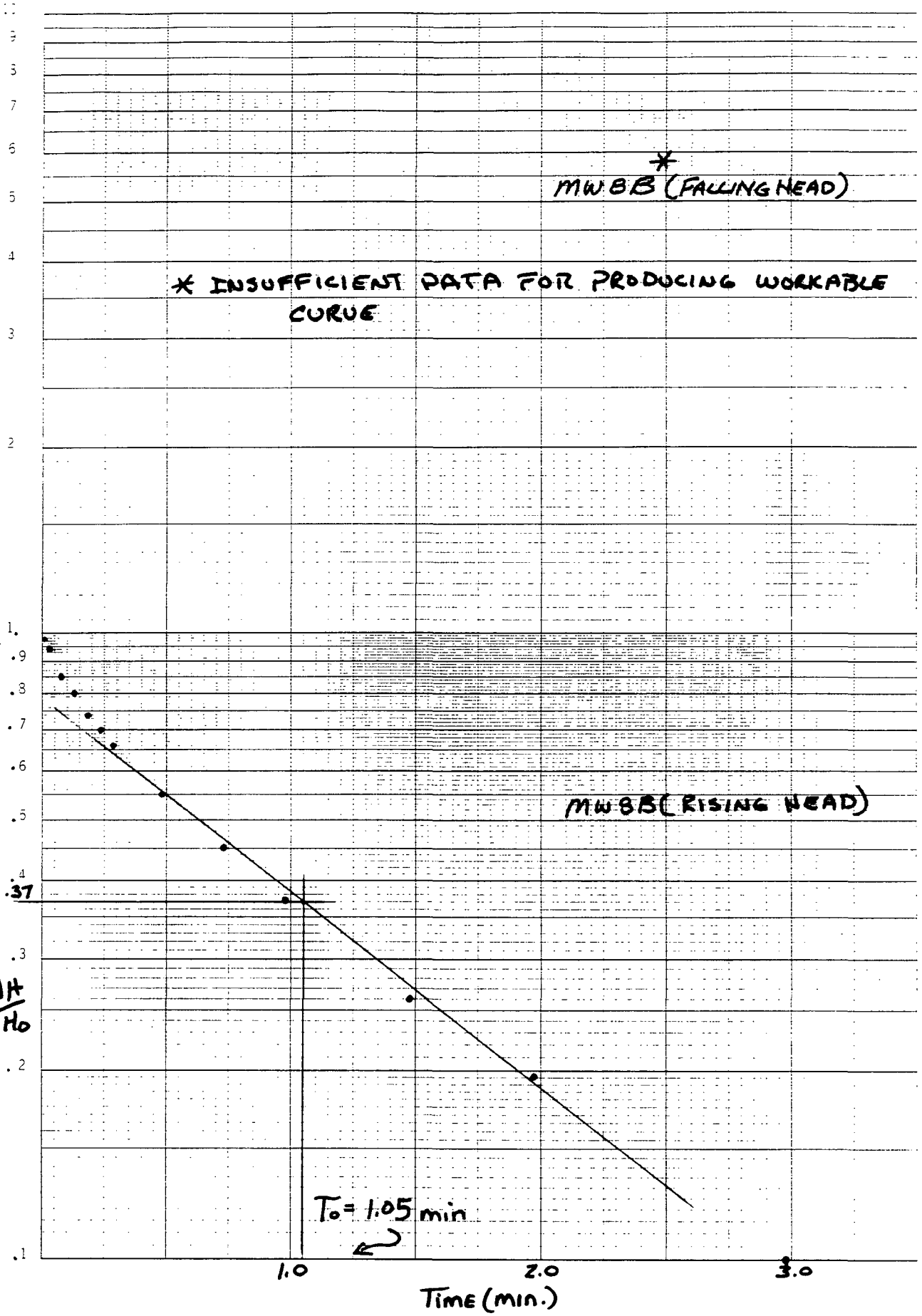
[illegible]

000974

46 4970

K&E SEMI-LOGARITHMIC PAPER DIVISIONS
KEUFFEL & ESSER CO. MADE IN U.S.A.

$\frac{\Delta H}{H_0}$



000975

mw 83



CLIENT: USEPA REGION II	FILE NO.: L725 (Byron)	BY: MCH	PAGE 2 OF 2
SUBJECT: CALCULATIONS (HVORSLEV) MW 83 (RISING HEAD)		CHECKED BY: MLM	DATE: 12/28/88

$$K = \frac{r^2 \ln(L/R)}{2(L)(T_0)}$$

$$K = \frac{6.94 \times 10^{-3} \ln(9.67 / .0833)}{2(9.67)(1.05)}$$

$$K = \frac{6.94 \times 10^{-3} (4.75)}{(20.31)}$$

$$K = 1.62 \times 10^{-3} \text{ FT/MIN.}$$

$$K = 9.74 \times 10^{-2} \text{ FT/HR.}$$

$$K = 2.34 \text{ FT/DAY}$$

$$K = 8.30 \times 10^{-4} \text{ CM/SEC.}$$

NUS CORPORATION

[illegible]

000978

NUS CORPORATION

[illegible]

000979

46 4970

SEMI-LOGARITHMIC PLOT
KEUFEL & ESSER CO.
MADE IN U.S.A.

$\frac{\Delta H}{H_0}$

.37

.3

.4

.5

.6

.7

.8

.9

1.0

MW 10B (FALLING HEAD)

$T_0 = .095 \text{ min}$



TIME (min)

MW 10B (RISING HEAD)

$\frac{\Delta H}{H_0}$

.37

.3

.4

.5

.6

.7

.8

.9

1.0

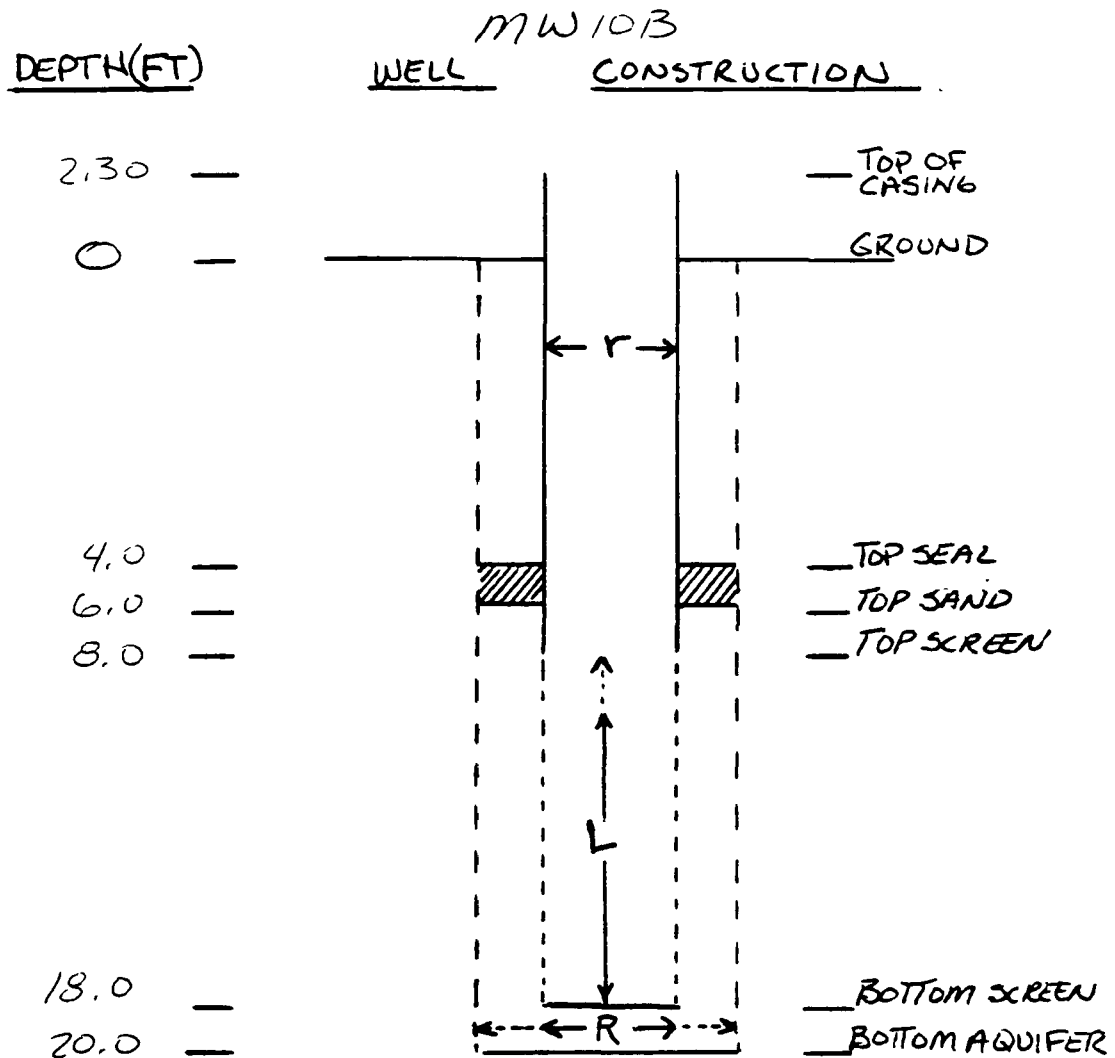
$T_0 = .078 \text{ min}$



Time (min)

000980

CLIENT: USEPA REGION II	FILE NO.: L725 (Byron)	BY: MCH	PAGE 1 OF 3
SUBJECT: CALCULATIONS (NUORSLEU)		CHECKED BY: MLM	DATE: 12/28/88



$$r = .0833'$$

$$R = .0833'$$

$$L = 10'$$

$$T_0 = .095 \text{ min. (FALLING HEAD)}$$

$$.078 \text{ min. (RISING HEAD)}$$

CLIENT: USEPA REGION II	FILE NO.: L725 (Byron)	BY: MCH	PAGE 2 OF 3
SUBJECT: CALCULATIONS (Hvorslev) MW 10B (FALLING HEAD)		CHECKED BY: MLM	DATE: 12/28/88

$$K = \frac{r^2 \ln(L/R)}{2(L)(T_0)}$$

$$K = \frac{6.94 \times 10^{-3} \ln(10/.0833)}{2(10)(.095)}$$

$$K = \frac{6.94 \times 10^{-3} (4.79)}{(1.9)}$$

$$K = 1.75 \times 10^{-2} \text{ FT/MIN.}$$

$$K = 1.05 \text{ FT/HR.}$$

$$K = 25.19 \text{ FT/DAY}$$

$$K = 8.89 \times 10^{-3} \text{ CM/SEC.}$$

CLIENT: USEPA REGION II	FILE NO.: L725 (Byron)	BY: MCH	PAGE 3 OF 3
SUBJECT: CALCULATIONS (HVORSLEV) MW 10B (RISING HEAD)		CHECKED BY: MLM	DATE: 12/28/89

$$K = \frac{r^2 \ln(L/R)}{2(L)(T_0)}$$

$$K = \frac{6.94 \times 10^{-3} \ln\left(\frac{10}{.0833}\right)}{2(10)(.078)}$$

$$K = \frac{6.94 \times 10^{-3} (4.79)}{(1.56)}$$

$$K = 2.13 \times 10^{-2} \text{ FT/MIN.}$$

$$K = 1.28 \text{ FT/HR.}$$

$$K = 30.69 \text{ FT/DAY}$$

$$K = 1.08 \times 10^{-2} \text{ CM/SEC.}$$

NUS CORPORATION

[illegible]

000984

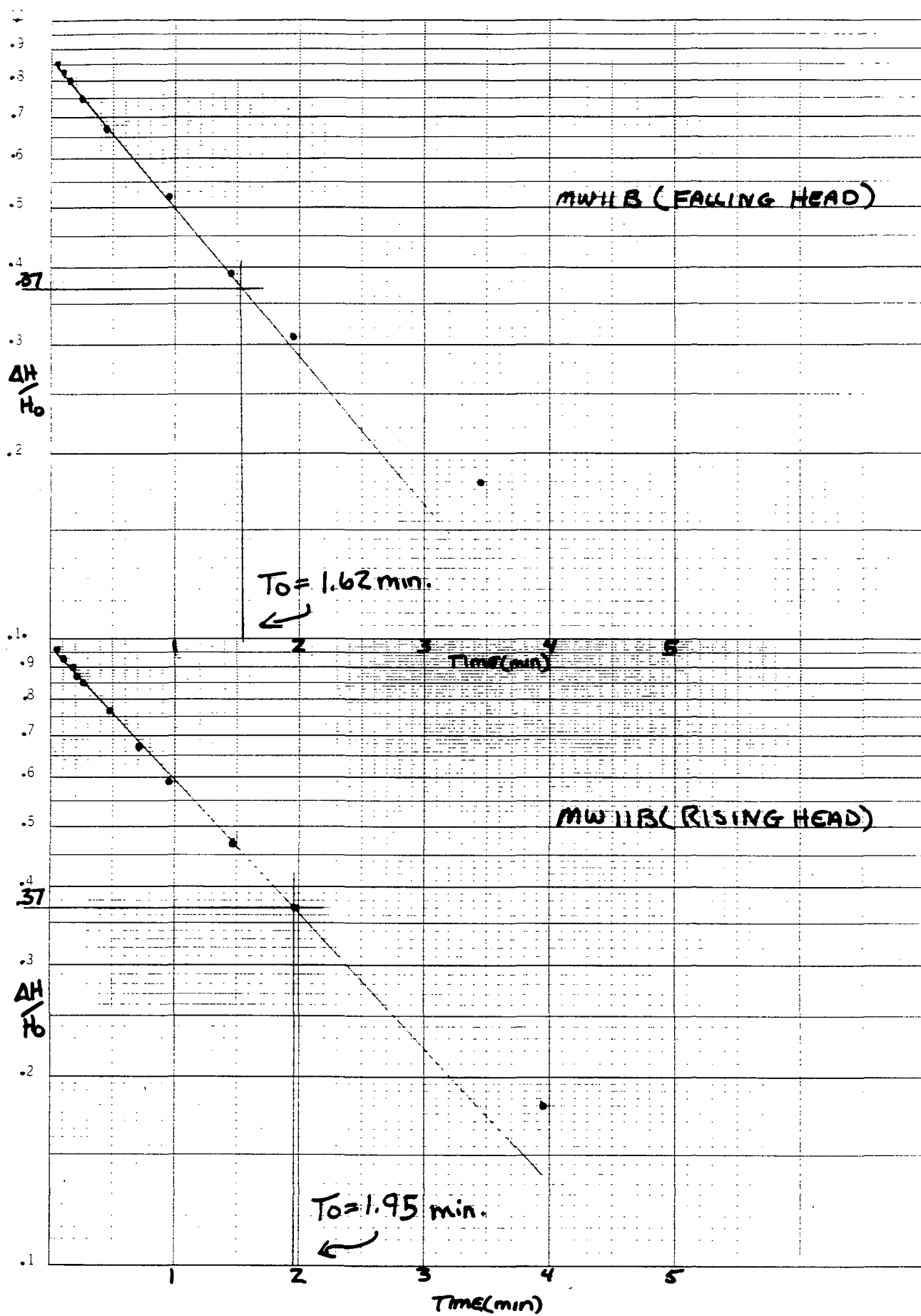
NUS CORPORATION

[illegible]

000985

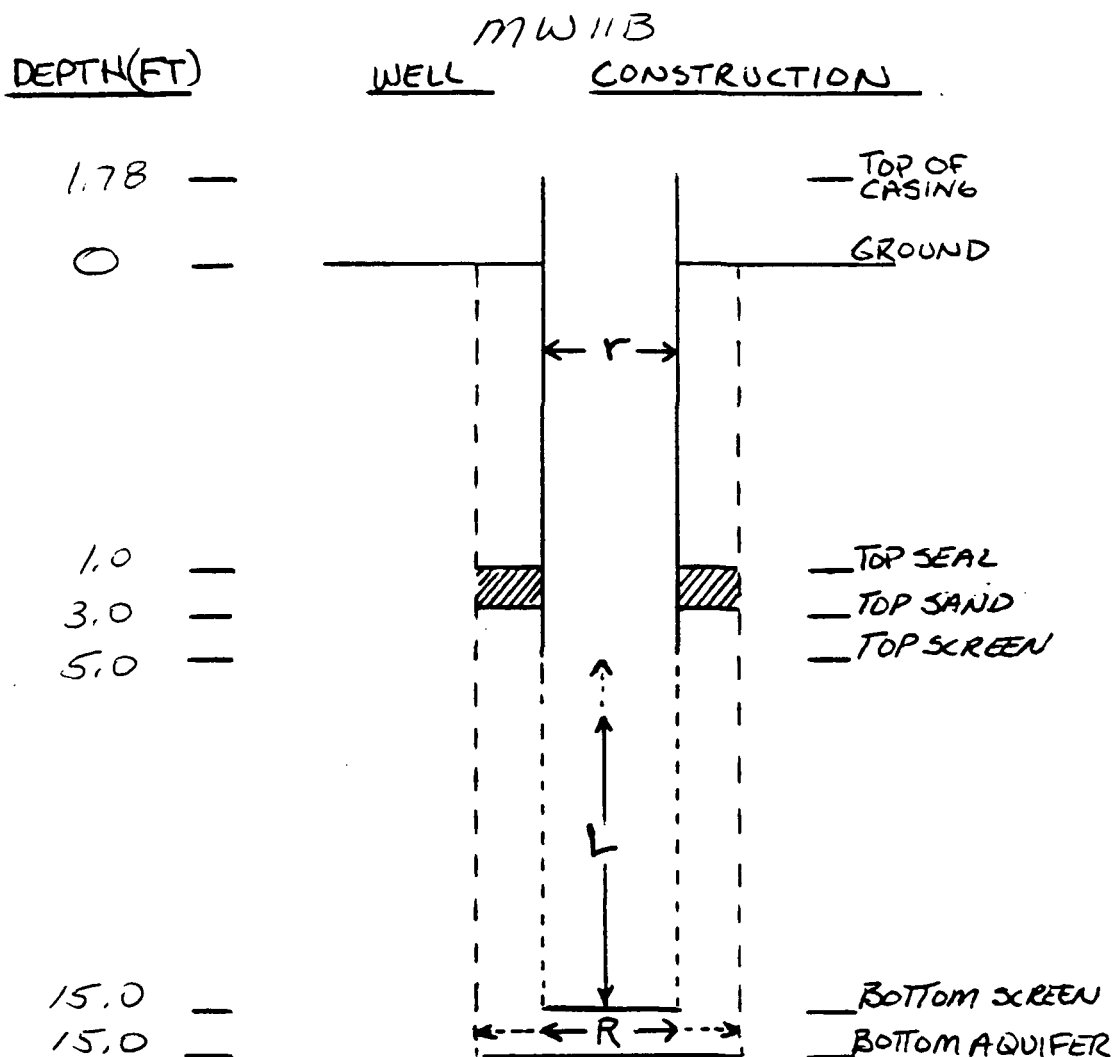
46 4970

KE SEMI-LOGARITHMIC PLOTTER X 40 DIVISIONS
KEUFFEL & ESSER CO. MADE IN U.S.A.



000986

CLIENT: USEPA REGION II	FILE NO.: L725 (Byron)	BY: MCH	PAGE 1 OF 3
SUBJECT: CALCULATIONS (NUORSLEV)	CHECKED BY: MLM	DATE: 12/28/88	



$$r = .0833'$$

$$R = .0833'$$

$$L = 10'$$

$$T_0 = 1.62 \text{ min. (FALLING HEAD)}$$

$$1.95 \text{ min. (RISING HEAD)}$$

CLIENT: USEPA REGION II	FILE NO.: L725 (Byron)	BY: MCH	PAGE 2 OF 3
SUBJECT: CALCULATIONS (HVORSLEV) MW 11B (FALLING HEAD)		CHECKED BY: MLM	DATE: 12/28/98

$$K = \frac{r^2 \ln(L/R)}{2(L)(T_0)}$$

$$K = \frac{6.94 \times 10^{-3} \ln(10/.0833)}{2(10)(1.62)}$$

$$K = \frac{6.94 \times 10^{-3} (4.79)}{(32.4)}$$

$$K = 1.03 \times 10^{-3} \text{ FT/MIN.}$$

$$K = 6.16 \times 10^{-2} \text{ FT/HR.}$$

$$K = 1.43 \text{ FT/DAY}$$

$$K = 5.21 \times 10^{-4} \text{ CM/SEC.}$$

CLIENT: USEPA REGION II	FILE NO.: L725 (Byron)	BY: MCH	PAGE 3 OF 3
SUBJECT: CALCULATIONS (HVORSLEV) MW 11B (RISING HEAD)		CHECKED BY: MLM	DATE: 12/28/88

$$K = \frac{r^2 \ln(L/R)}{2(L)(T_0)}$$

$$K = \frac{6.94 \times 10^{-3} \ln(10/.0833)}{2(10)(1.95)}$$

$$K = \frac{6.94 \times 10^{-3} (4.79)}{(39)}$$

$$K = 8.52 \times 10^{-4} \quad \text{FT/MIN.}$$

$$K = 5.11 \times 10^{-2} \quad \text{FT/NR.}$$

$$K = 1.23 \quad \text{FT/DAY}$$

$$K = 4.33 \times 10^{-4} \quad \text{CM/SEC.}$$

NUS CORPORATION

PROJECT NAME: Byron Barrel + Drum WELL/BORING NO.: MW 12 B
PROJECT NO.: 161-2LD6 GEOLOGIST: M. Hicks
WELL DIAMETER: 2" SCREEN LENGTH/DEPTH: 10' / 5.0 - 15.0 TEST NO.: 1
STATIC WATER LEVEL (Depth/Elevation): 4.94 / 634.04 DATE: 11/7/88
TEST TYPE (Rising/Falling/Constant Head): Falling CHECKED: MLM
METHOD OF INDUCING WATER LEVEL CHANGE: .75" X 8' PVC SLUG PAGE 10

[illegible]

000990

NUS CORPORATION

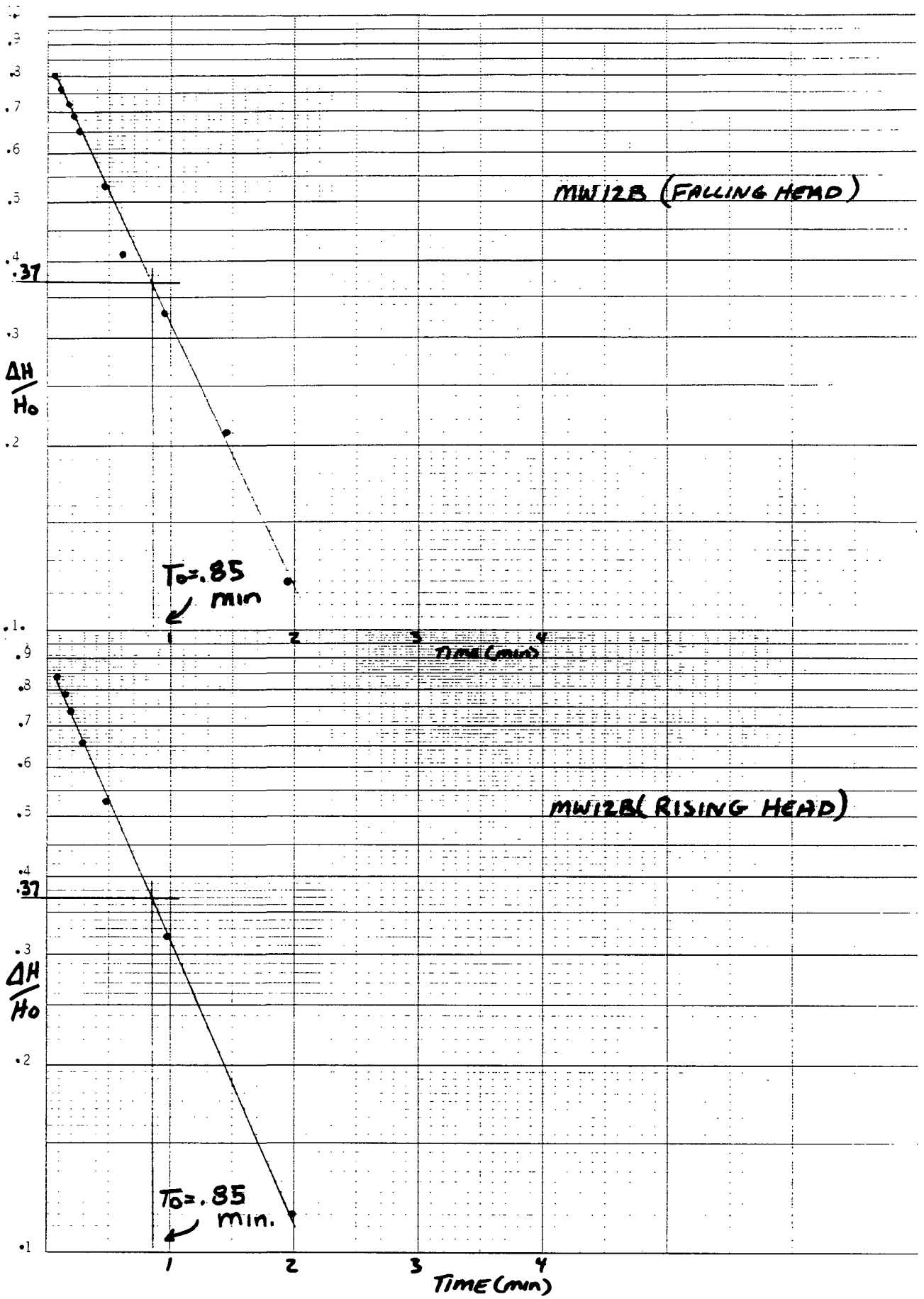
PROJECT NAME: BYRON BARREL + DRUM WELL/BORING NO.: MW 123
PROJECT NO.: 161-2LD6 GEOLOGIST: M. Hicks
WELL DIAMETER: 2" SCREEN LENGTH/DEPTH: 10' / 5.0-15.0 TEST NO.: 1
STATIC WATER LEVEL (Depth/Elevation): 4.94 1634.04 DATE: 11/7/88
TEST TYPE (Rising/Falling/Constant Head): Rising CHECKED: MLM
METHOD OF INDUCING WATER LEVEL CHANGE: .75 x 8' PVC SLUG PAGE 10

[illegible]

000991

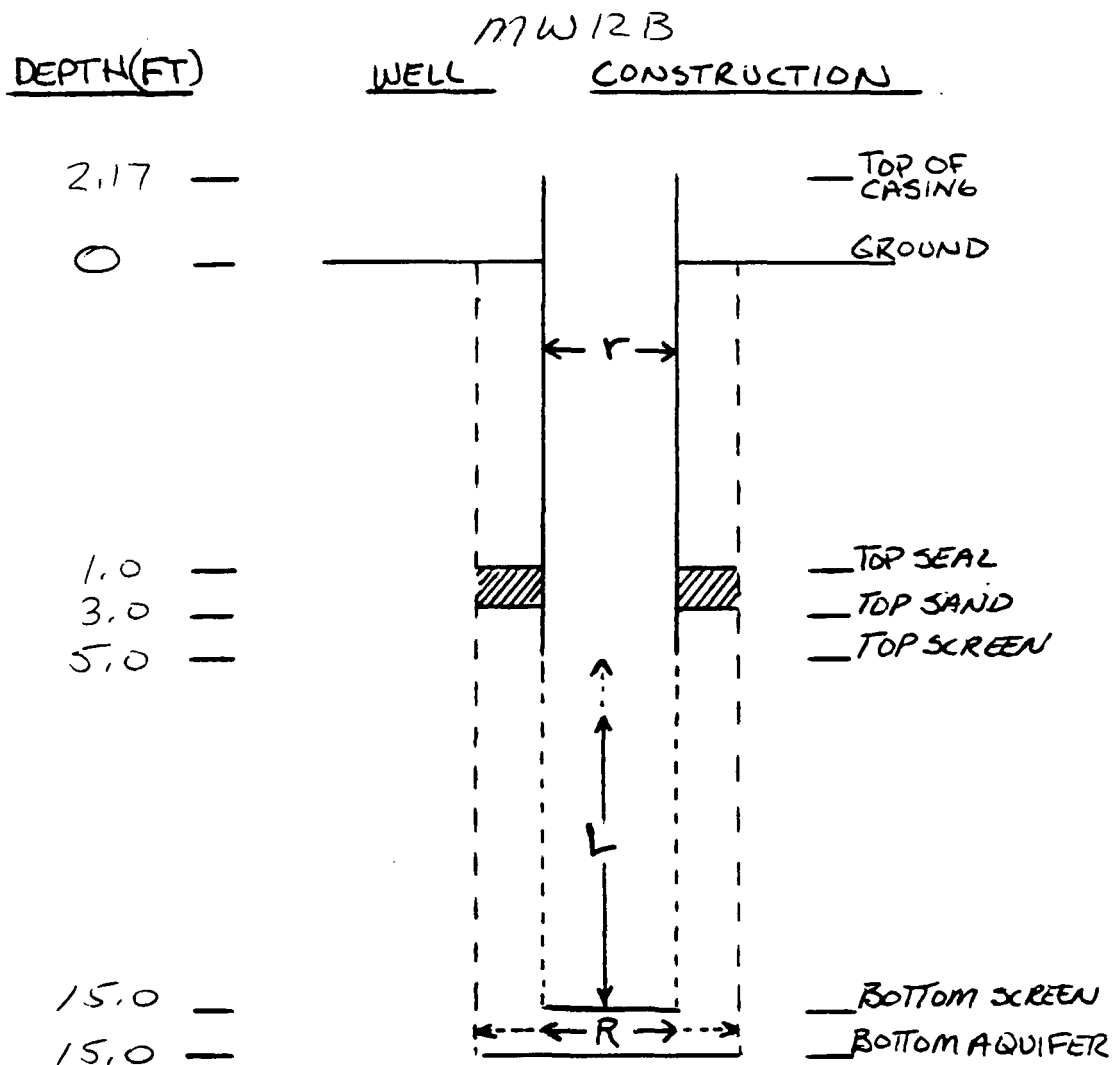
46 4970

K&E SEMI-LOGARITHMIC • 7 1/2 CYCLES A 70 DIVISIONS
REUFFEL & ESSER CO. MADE IN U.S.A.



000992

CLIENT: USEPA REGION II	FILE NO.: L725 (Byron)	BY: MCH	PAGE 1 OF 3
SUBJECT: CALCULATIONS (NUORSLEU)		CHECKED BY: MLM	DATE: 12/28/88



$$r = .0833'$$

$$R = .0833'$$

$$L = 10'$$

$$T_o = .85 \text{ min (FALLING HEAD)}$$

$$.85 \text{ min (RISING HEAD)}$$

CLIENT: USEPA REGION II	FILE NO.: L725 (Byron)	BY: MCH	PAGE 2 OF 3
SUBJECT: CALCULATIONS (HVORSLEV) MW 12B (FALLING HEAD)		CHECKED BY: MLM	DATE:

$$K = \frac{r^2 \ln(L/R)}{2(L)(T_0)}$$

$$K = \frac{6.94 \times 10^{-3} \ln(10 / .0833)}{2(10)(.85)}$$

$$K = \frac{6.94 \times 10^{-3} (4.79)}{(17)}$$

$$K = 1.96 \times 10^{-3} \text{ FT/MIN.}$$

$$K = 1.17 \times 10^{-1} \text{ FT/HR.}$$

$$K = 2.82 \text{ FT/DAY}$$

$$K = 9.93 \times 10^{-4} \text{ CM/SEC.}$$

CLIENT: USEPA REGION II	FILE NO.: L725 (Byron)	BY: MCH	PAGE 3 OF 3
SUBJECT: CALCULATIONS (HVORSLEV) MW 12B (RISING HEAD)		CHECKED BY: MLM	DATE: 12/28/88

$$K = \frac{r^2 \ln(L/R)}{2(L)(T_0)}$$

$$K = \frac{6.94 \times 10^{-3} \ln(10/.0833)}{2(10)(.85)}$$

$$K = \frac{6.94 \times 10^{-3} (4.79)}{(17)}$$

$$K = 1.96 \times 10^{-3} \text{ FT/MIN.}$$

$$K = 1.17 \times 10^{-1} \text{ FT/HR.}$$

$$K = 2.82 \text{ FT/DAY}$$

$$K = 9.93 \times 10^{-4} \text{ CM/SEC.}$$

NUS CORPORATION

[illegible]

000996

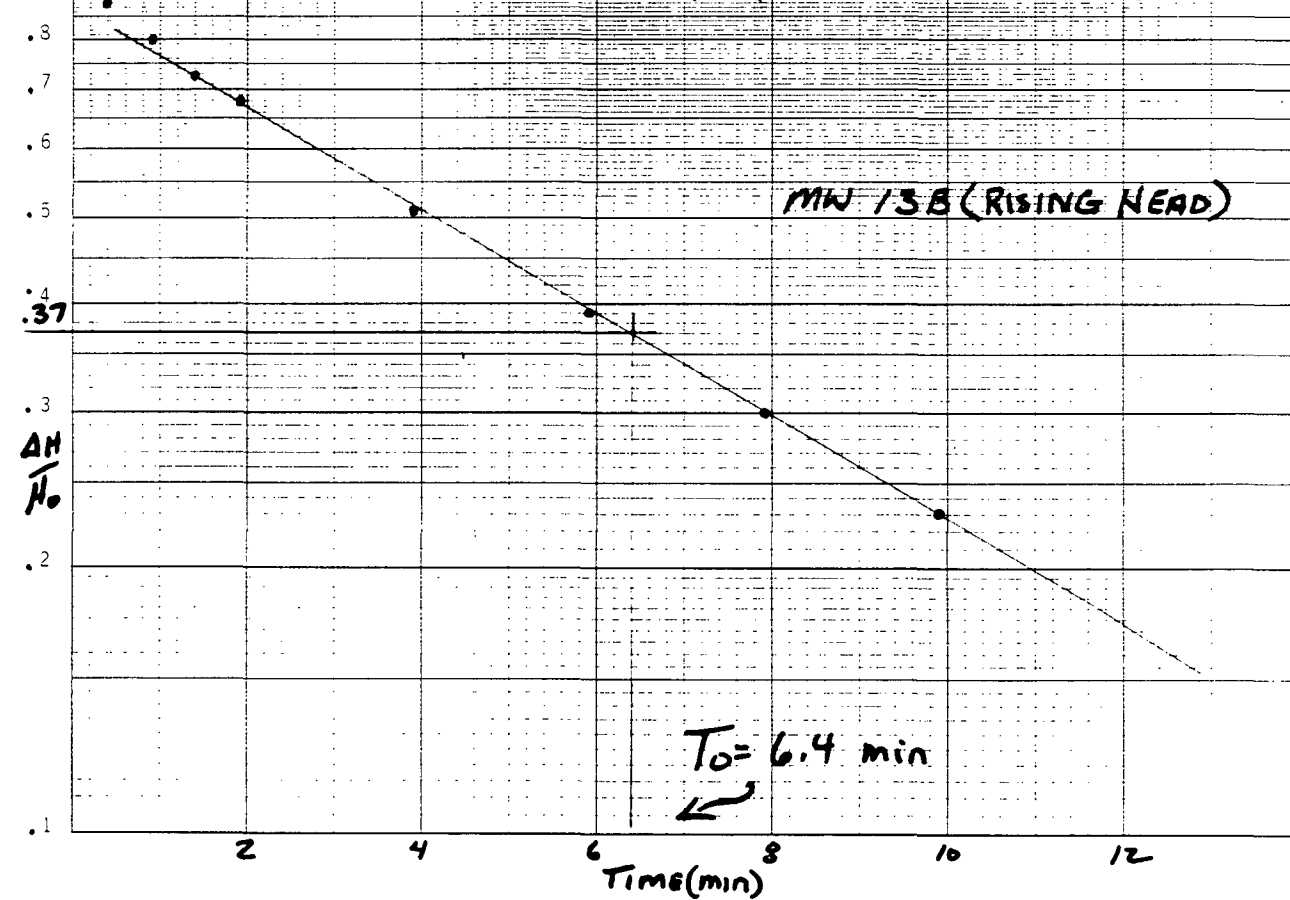
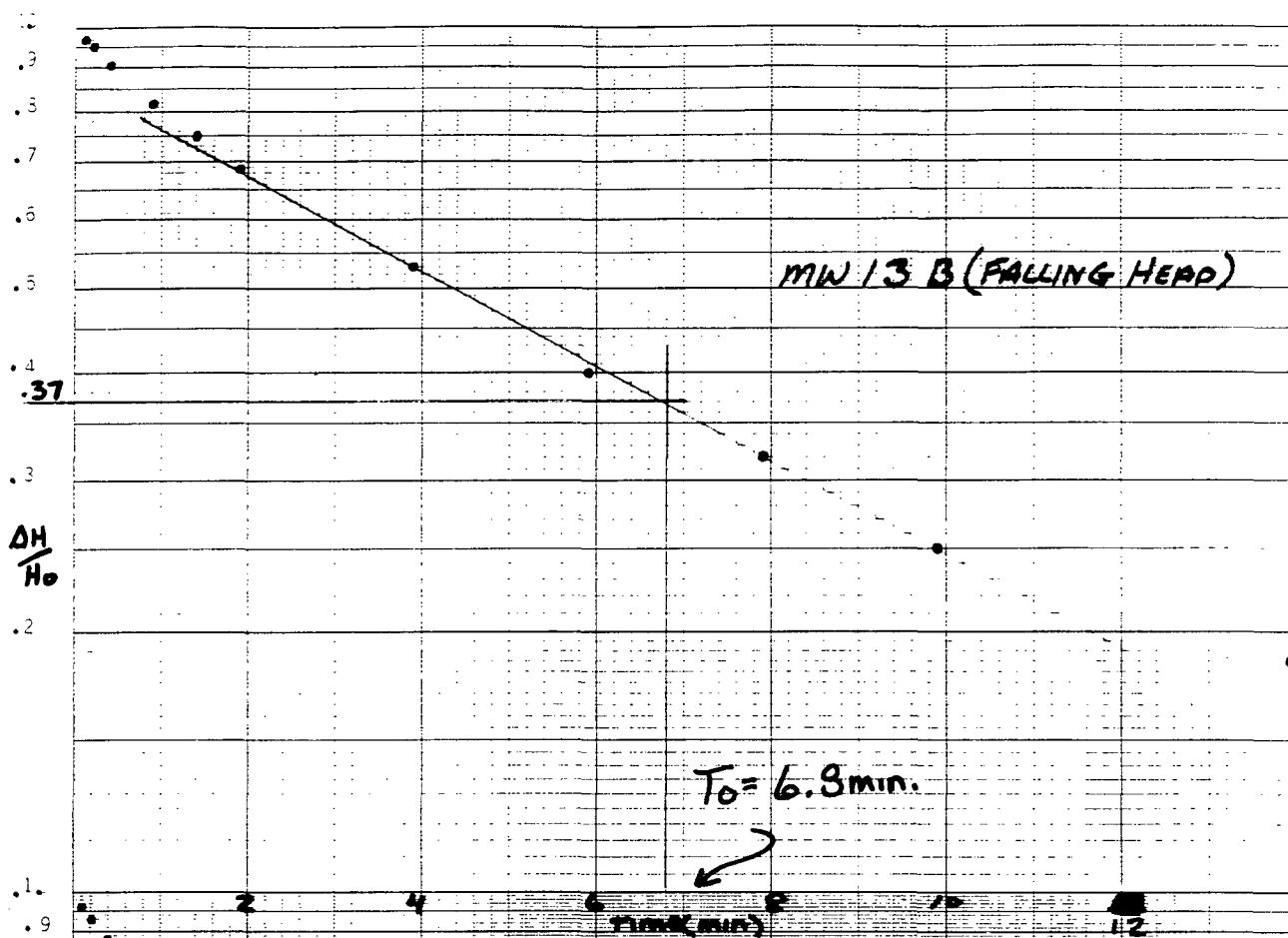
NUS CORPORATION

[illegible]

000997

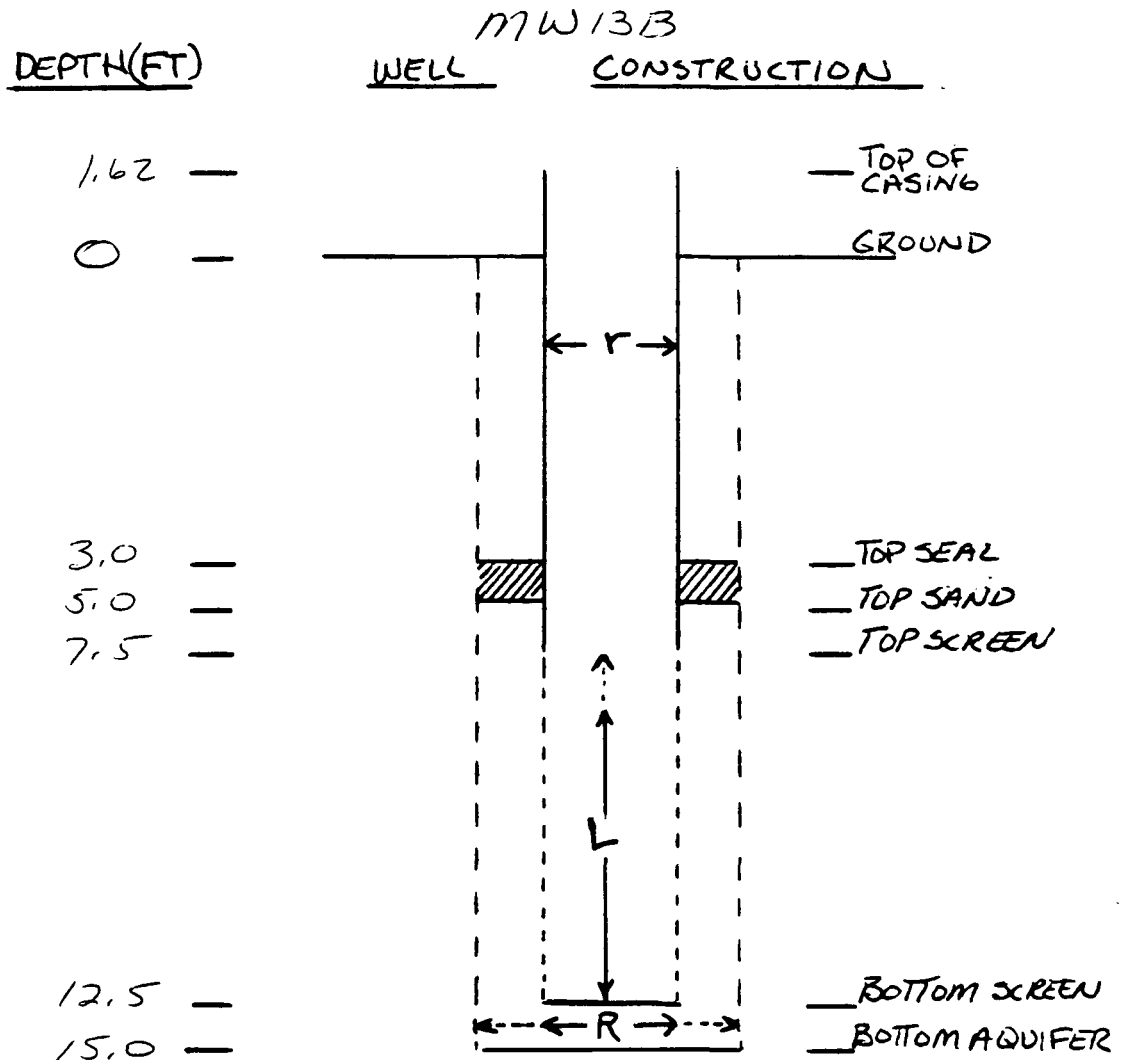
46 4970

SEMI-LOGARITHMIC
KEUFFEL & ESSER CO.
MADE IN U.S.A.



000998

CLIENT: USEPA REGION II	FILE NO.: L725 (Byron)	BY: MCH	PAGE 1 OF 3
SUBJECT: CALCULATIONS (NUORSLEU)	CHECKED BY: MLM	DATE: 12/28/88	



$$r = .0833'$$

$$R = .0833'$$

$$L = 5'$$

$$T_o = 6.8 \text{ min. (FALLING HEAD)}$$

$$6.4 \text{ min. (RISING HEAD)}$$

CLIENT: USEPA REGION II	FILE NO.: L725 (Byron)	BY: MCH	PAGE 2 OF 3
SUBJECT: CALCULATIONS (HVORSLEV) MW 13B (FALLING HEAD)		CHECKED BY: MLM	DATE: 12/28/88

$$K = \frac{r^2 \ln(L/R)}{2(L)(T_0)}$$

$$K = \frac{6.94 \times 10^{-3} \ln(5/.0833)}{2(5)(6.8)}$$

$$K = \frac{6.94 \times 10^{-3} (4.09)}{(6.8)}$$

$$K = 4.17 \times 10^{-4} \text{ FT/MIN.}$$

$$K = 2.50 \times 10^{-2} \text{ FT/HR.}$$

$$K = 6.01 \times 10^{-1} \text{ FT/DAY}$$

$$K = 2.12 \times 10^{-4} \text{ CM/SEC.}$$

CLIENT: USEPA REGION II	FILE NO.: L725 (Byron)	BY: MCH	PAGE 3 OF 3
SUBJECT: CALCULATIONS (HVORSLEV) MW 13B (RISING HEAD)		CHECKED BY: MLM	DATE: 12/28/88

$$K = \frac{r^2 \ln(L/R)}{2(L)(T_0)}$$

$$K = \frac{6.94 \times 10^{-3} \ln(5/.0833)}{2(5)(6.4)}$$

$$K = \frac{6.94 \times 10^{-3} (4.09)}{(64)}$$

$$K = 4.44 \times 10^{-4} \text{ FT/MIN.}$$

$$K = 2.66 \times 10^{-2} \text{ FT/NR.}$$

$$K = 6.39 \times 10^{-1} \text{ FT/DAY}$$

$$K = 2.25 \times 10^{-4} \text{ CM/SEC.}$$

NUS CORPORATION

[illegible]

CC1002

NUS CORPORATION

PROJECT NAME: BYRON BARREL + DRUM WELL/BORING NO: MW 14 B
PROJECT NO: 161-2 L06 GEOLOGIST: M. Hicks
WELL DIAMETER: 2" SCREEN LENGTH/DEPTH: 5' / 7.5 - 12.5 TEST NO: 1
STATIC WATER LEVEL (Depth/Elevation): 5.10 / 634.09 DATE: 11/7/88
TEST TYPE (Rising/Falling/Constant Head): Rising CHECKED: MLM
METHOD OF INDUCING WATER LEVEL CHANGE: .75" X 8' PVC SLUG PAGE 1 OF 1

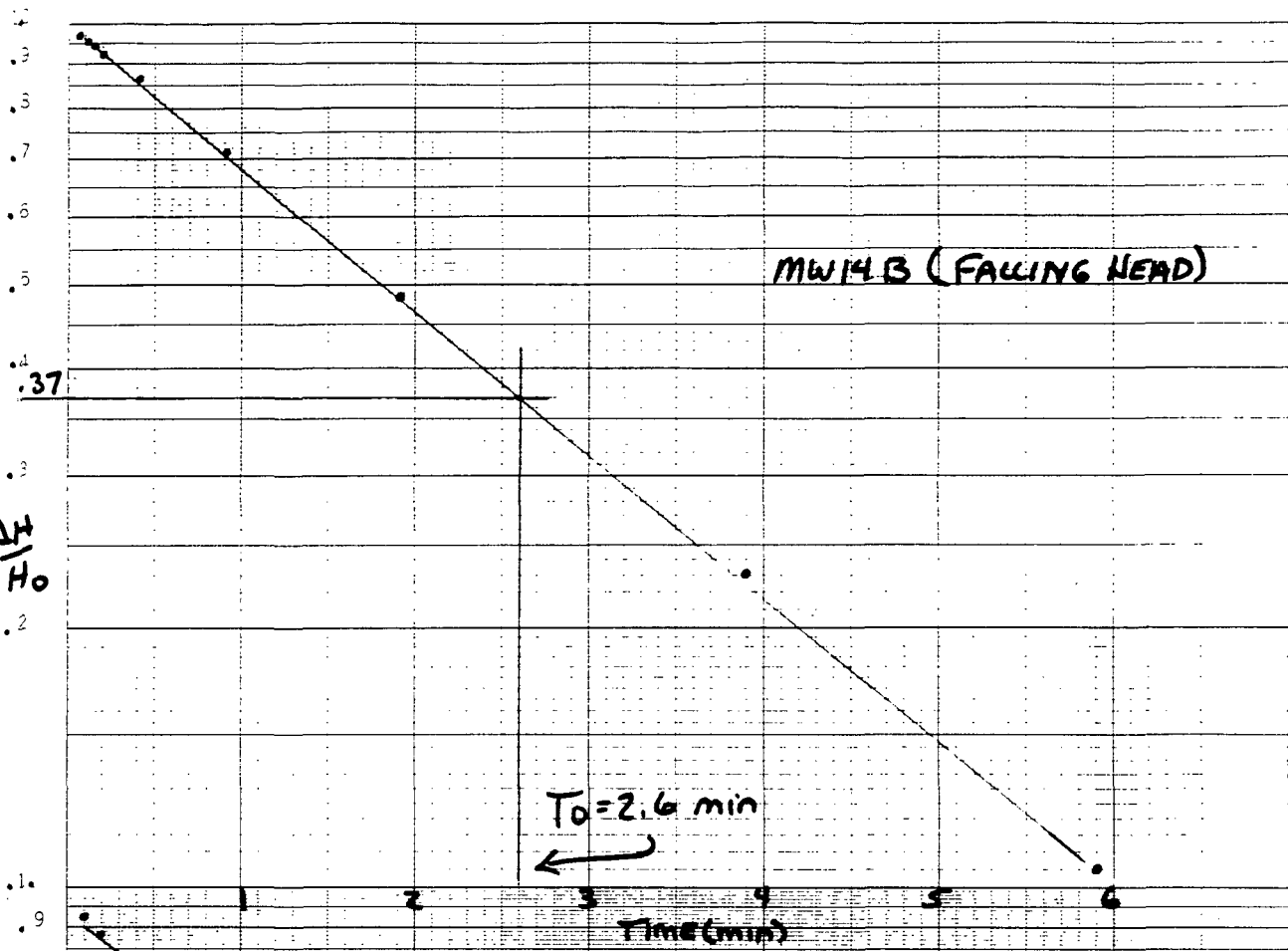
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CC1003

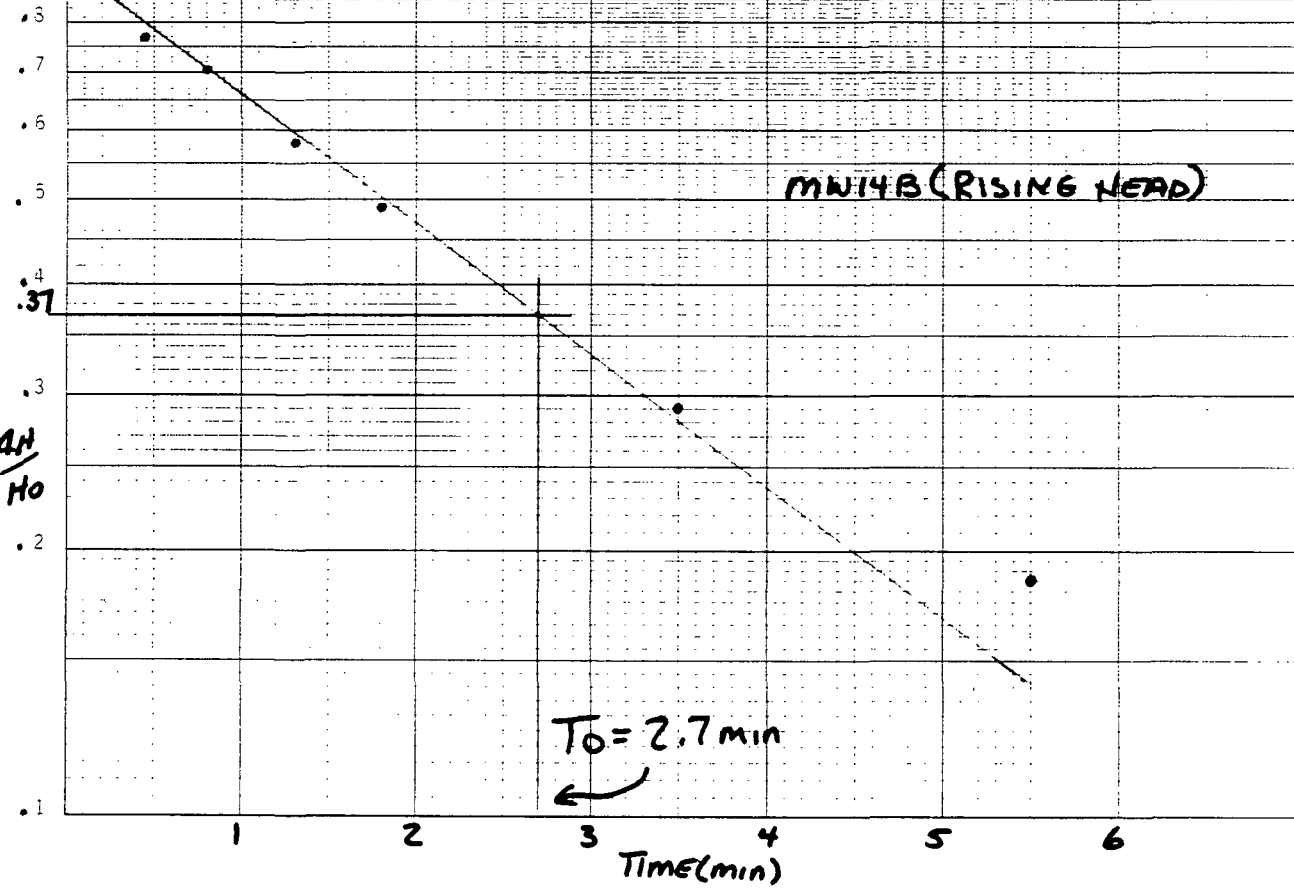
46 4970

K&E SEMI-LOGARITHMIC PLOTTER, 10 DIVISIONS
KEUFEL & ESSER CO. MADE IN U.S.A.

$\frac{\Delta H}{H_0}$

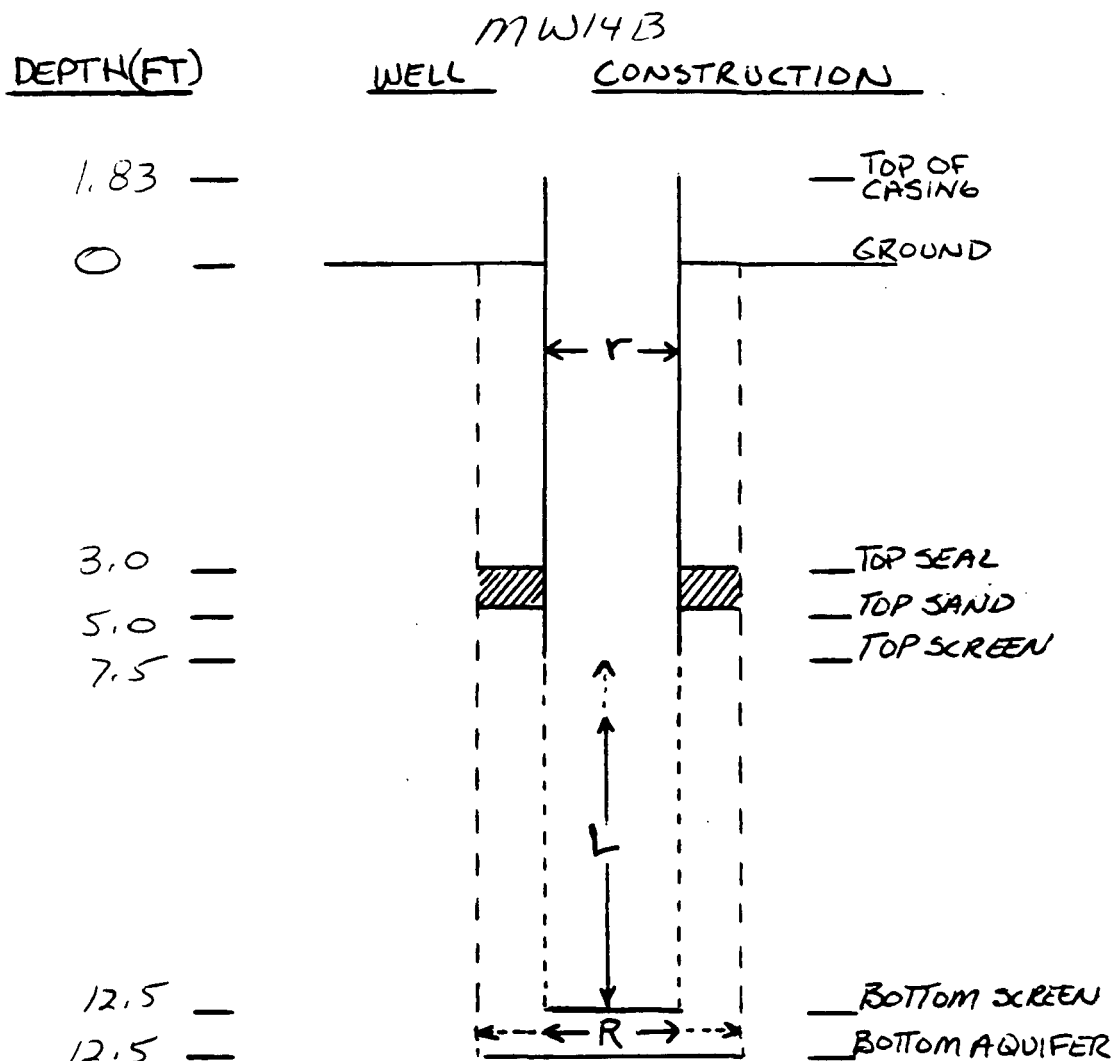


$\frac{\Delta H}{H_0}$



CC1004

CLIENT: USEPA REGION II	FILE NO.: L725 (Byron)	BY: MCH	PAGE 1 OF 3
SUBJECT: CALCULATIONS (NUORSLEU)	CHECKED BY: MLM	DATE: 12/28/88	



$$r = .0833'$$

$$R = .0833'$$

$$L = 5'$$

$$T_0 = 2.6 \text{ min. (FALLING HEAD)}$$

$$2.7 \text{ min. (RISING HEAD)}$$

CLIENT: USEPA REGION II	FILE NO.: L725 (Byron)	BY: MCH	PAGE 2 OF 3
SUBJECT: CALCULATIONS (HUORSLEV) MW 14B (FALLING HEAD)		CHECKED BY: MLM	DATE: 12/28/88

$$K = \frac{r^2 \ln(L/R)}{2(L)(T_0)}$$

$$K = \frac{6.94 \times 10^{-3} \ln(5/.0833)}{2(5)(2.6)}$$

$$K = \frac{6.94 \times 10^{-3} (4.09)}{(26)}$$

$$K = 1.09 \times 10^{-3} \quad \text{FT/MIN.}$$

$$K = 6.55 \times 10^{-2} \quad \text{FT/HR.}$$

$$K = 1.57 \quad \text{FT/DAY}$$

$$K = 5.57 \times 10^{-4} \quad \text{CM/SEC.}$$

CLIENT: USEPA REGION II	FILE NO.: L725 (Byron)	BY: MCH	PAGE 3 OF 3
SUBJECT: CALCULATIONS (HVORSLEV) MW 14B (RISING HEAD)		CHECKED BY: MLM	DATE: 12/23/88

$$K = \frac{r^2 \ln(L/R)}{2(L)(T_0)}$$

$$K = \frac{6.94 \times 10^{-3} \ln(5/.0833)}{2(5)(2.7)}$$

$$K = \frac{6.94 \times 10^{-3} (4.09)}{(27)}$$

$$K = 1.05 \times 10^{-3} \text{ FT/MIN.}$$

$$K = 6.31 \times 10^{-2} \text{ FT/NR.}$$

$$K = 1.51 \text{ FT/DAY}$$

$$K = 5.34 \times 10^{-4} \text{ CM/SEC.}$$

HYDRAULIC CONDUCTIVITY
GLACIAL TILL

CC1008

NUS CORPORATION

PROJECT NAME: Byron Barrel & Drum WELL/BORING NO.: mw 2A
PROJECT NO.: L725 (161-2406) GEOLOGIST: M. Hicks
WELL DIAMETER: 3" FLUSH JOINT SCREEN LENGTH/DEPTH: N/A TEST NO.: 1
STATIC WATER LEVEL (Depth/Elevation): * 12.40' 1634.46' DATE: 1/23/89
TEST TYPE (Rising/Falling/Constant Head): FALLING CHECKED: _____
METHOD OF INDUCING WATER LEVEL CHANGE: ADD H₂O TO PREDETERMINED LEVEL PAGE 1 OF 1

[illegible]

NUS CORPORATION

[illegible]

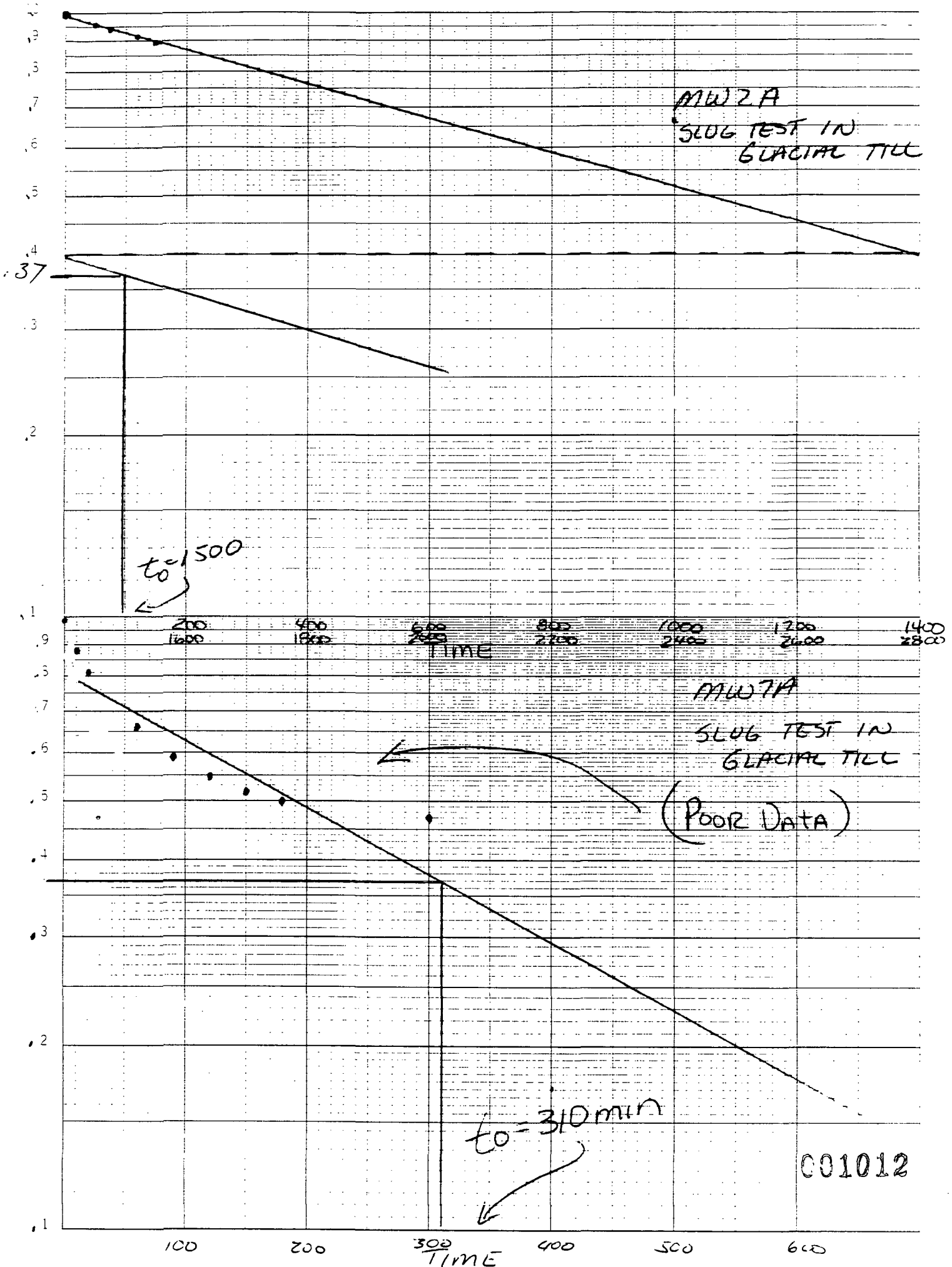
001010

NUS CORPORATION

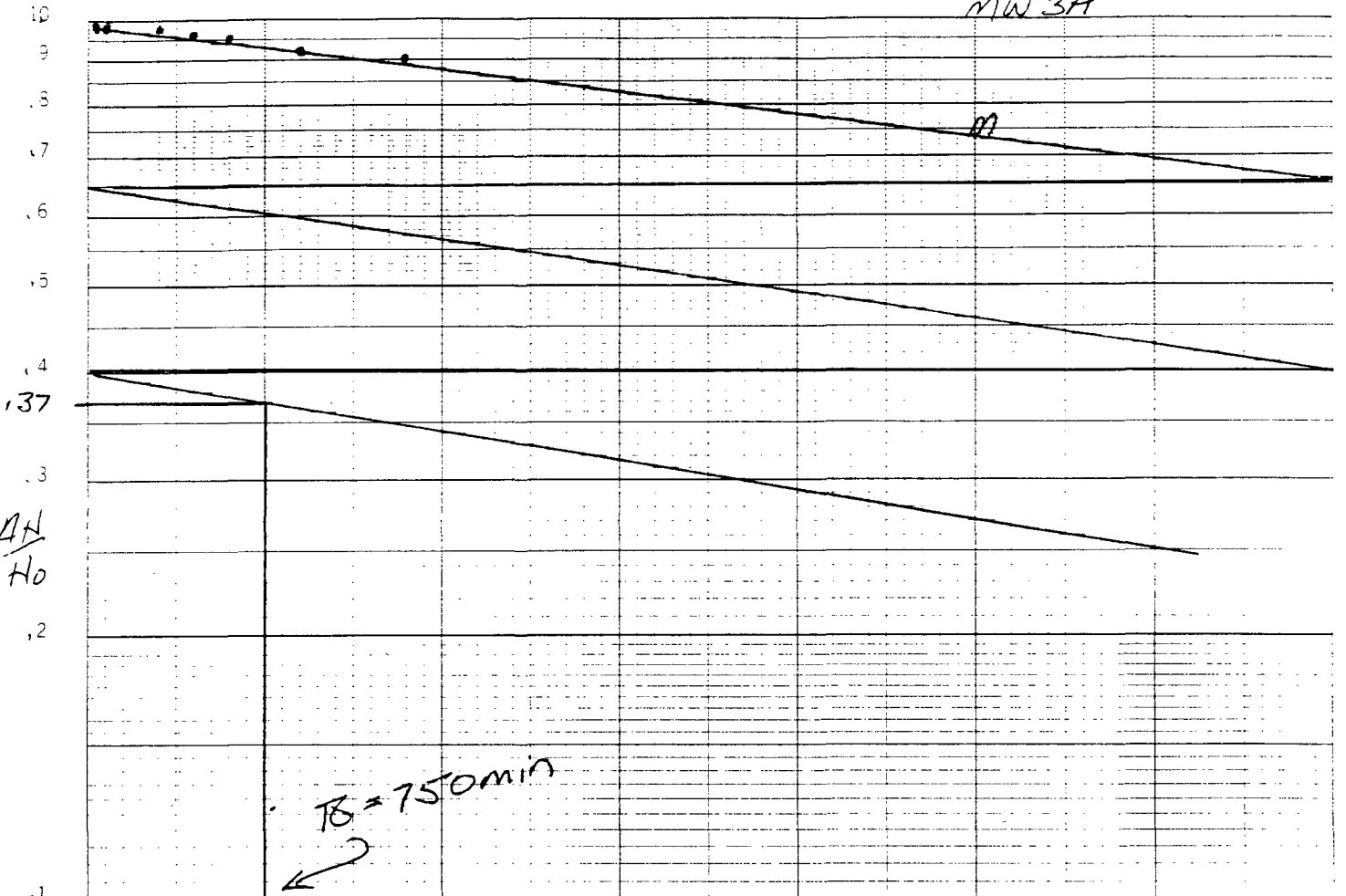
[illegible]

001011

MW7A + MW2A (SLUG TEST; HORSLEY)



MW 3A



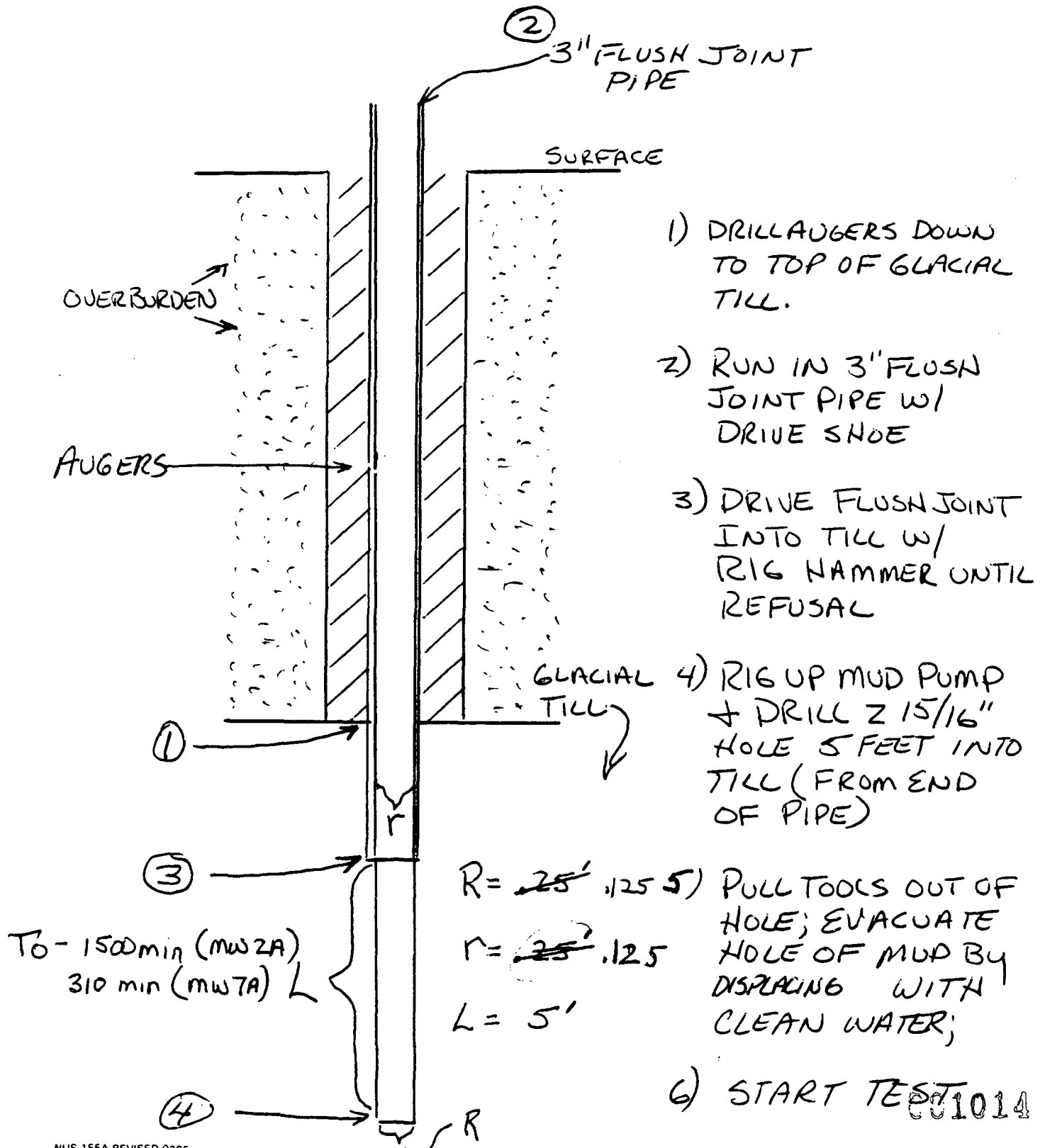
4H
Ho

46

1ST LEVEL	400	100	500	200	600	300	700
2ND LEVEL	400	600	500	800	600	1000	
3RD LEVEL		800	TIME	900			

CC1013

CLIENT: USEPA REGION II	FILE NO.: L725 (BYRON)	BY: MCH	PAGE 1 OF 4
SUBJECT: WELL DIAGRAM FOR FALLING HEAD TEST IN GLACIAL TILL	CHECKED BY: M & L	5-21-89	DATE: 1/26/89



CLIENT: USEPA REGION II	FILE NO.: L725 (Byrum)	BY: MCH	PAGE 2 OF 4
SUBJECT: CALCULATIONS (HVORSLEV)		CHECKED BY: M&C	DATE: 5-21-89

Hydraulic Conductivity (K) - MW2A

$$K = \frac{r^2 \ln(L/R)}{2(L)(T_0)}$$

$$K = \frac{.0156 \ln(5/.25)}{.0625 (1500)}$$

$$K = \frac{.0156 (3.7)}{.0625 (15,000)}$$

$$K = \frac{3.8 \times 10^{-6}}{1.25 \times 10^{-5}} \text{ FT/MIN.}$$

$$K = \frac{2.28}{7.50 \times 10^{-4}} \text{ FT/NR.}$$

$$K = \frac{5.47 \times 10^{-3}}{1.80 \times 10^{-2}} \text{ FT/DAY}$$

$$K = \frac{1.93}{6.40 \times 10^{-6}} \text{ CM/SEC.}$$

CLIENT: USEPA REGION II	FILE NO.: L725 (Byrom)	BY: MCH	PAGE 3 OF 4
SUBJECT: CALCULATIONS (HVORSLEV)	CHECKED BY: M&C		DATE: 5-21-89

Hydraulic Conductivity (K) - MWTA

$$K = \frac{r^2 \ln(L/R)}{2(L)(T_0)}$$

$$K = \frac{.0156 \ln(5 / \cancel{.125})}{2(5)(310)}$$

$$K = \frac{.0156 (\cancel{3.0})}{(3100)}$$

$$K = \frac{1.86}{\cancel{6.05}} \times 10^{-5} \text{ FT/MIN.}$$

$$K = \frac{1.11}{\cancel{3.63}} \times 10^{-3} \text{ FT/NR.}$$

$$K = \frac{2.67}{\cancel{8.71}} \times 10^{-2} \text{ FT/DAY}$$

$$K = \frac{9.45 \times 10^{-6}}{\cancel{3.08 \times 10^{-5}}} \text{ CM/SEC.}$$

CLIENT: USEPA REGION II	FILE NO.: L725 (Byron)	BY: MCH	PAGE 4 OF 4
SUBJECT: CALCULATIONS (HVORSLEV)		CHECKED BY: M&C	DATE: 5-21-89

MW3A

$$K = \frac{r^2 \ln(L/R)}{2(L)(T_0)}$$

$$K = \frac{\frac{.0156}{\cancel{.0625}} \ln\left(\frac{5}{\cancel{25}}\right)}{2(5)(750)}$$

$$K = \frac{\frac{.0156}{\cancel{.0625}} (3.7)}{(7500)}$$

$$K = \frac{7.7 \times 10^{-6}}{\cancel{2.5 \times 10^{-5}}} \text{ FT/MIN.}$$

$$K = \frac{4.62 \times 10^{-4}}{\cancel{1.5 \times 10^{-3}}} \text{ FT/NR.}$$

$$K = \frac{1.1}{\cancel{3.6} \times 10^{-2}} \text{ FT/DAY}$$

$$K = \frac{3.91 \times 10^{-6}}{\cancel{1.27 \times 10^{-5}}} \text{ CM/SEC.}$$

PUMPING TEST RESULTS

CC1018

PUMPING TEST DATA SHEET

NUS CORPORATION

PROJECT NAME: Byron Barrel + DrumMEASURED WELL: MW 2APROJECT NO.: 1725DATE: 12/15/88PUMPING WELL: MW 2AGEOLOGIST: J. ORIENT / M. HICKS

CHECKED: _____

TEST NO.: _____

DISTANCE FROM PUMPING WELL (ft.) (r): NAPUMP SETTING, FEET BELOW MONITORING POINT: NASTATIC H₂O LEVEL (ft.) (s₀): 12.45' TOCMONITORING POINT: TRANSDUCERTIME PURGE (START OR STOP) (t₀): 1032ELEVATION OF MONITORING POINT (ft. above MSL): 646.86

TIME	(t) MIN. SINCE PUMP START OR STOP	WATER LEVEL MEASUREMENTS (ft.)			(s) ~~SD~~ Or RECOVERY (ft.) S ₀	PUMPING RATE (Q) GPM	REMARKS
		READING	CORRECTION	DTW			
1032	0.0				0.00		
	0.1				1.46		
	0.2				4.33		
	0.3				9.18		
	0.5				14.87		
	0.75				14.88		- MAX. DRAWDOWN
	1.0					1.0 gpm	AVAILABLE - CONTINUE
	1.25						TO PUMP + CK. OBS.
	1.5						WELL MW2B FOR DD
	2.0						MEASURE RECOVERY
	2.5						
	3.0						
	3.5						
	4.0						
	5.0						
	6.0						
	7.0						
	8.0						
	10.0						
	12.0						
	15.0						
	20.0						
	30.0						
	35.0						
	40.0						
	50.0				14.90	1.0 gpm	
	60.0						
	90.0				14.90		

1032

180.0

14.90

001019

PUMPING TEST DATA SHEET

NUS CORPORATION

PROJECT NAME: Byron Barrel + Drum MEASURED WELL: MW2B
 PROJECT NO.: L725 DATE: 12/15/88 PUMPING WELL: MW2A
 GEOLOGIST: J. ORIENT / M. HICKS CHECKED: _____ TEST NO.: 1
 STANCE FROM PUMPING WELL (ft.) (r): 17.3' PUMP SETTING, FEET BELOW MONITORING POINT: NA
 STATIC H₂O LEVEL (ft.) (s₀): 12.40' TOC MONITORING POINT: TOP OF WELL CASING
 TIME PURGE START OR STOP (t₀): 1032 ELEVATION OF MONITORING POINT (ft. above MSL): 646.86'

TIME	(t) MIN. SINCE PUMP START OR STOP	WATER LEVEL MEASUREMENTS (ft.)			(s) DD Or RECOVERY (ft.)	PUMPING RATE (Q) GPM	REMARKS
		READING	CORRECTION	DTW			
1032	0.0	12.42			0.00		NO DRAWDOWN
	0.5						NOTED DURING
	1.0						PUMPING TEST;
	1.5						WELL MW2A pumped
	2.0						@ 1.0 GPM
	2.5						
	3.0						
	4.0						
	5.0						
	6.0						
	8.0						
	10.0						
	12.0						
	15.0						
	20.0						
	25.0						
	30.0	↓			↓		
	40.0	12.43			0.01		
	60.0	12.43			0.01		
	90.0	12.43			0.01		
	110.0	12.42			0.00		
	150.0	12.42			0.00		
	190.0	12.43			0.01		

001020

PUMPING TEST DATA SHEET

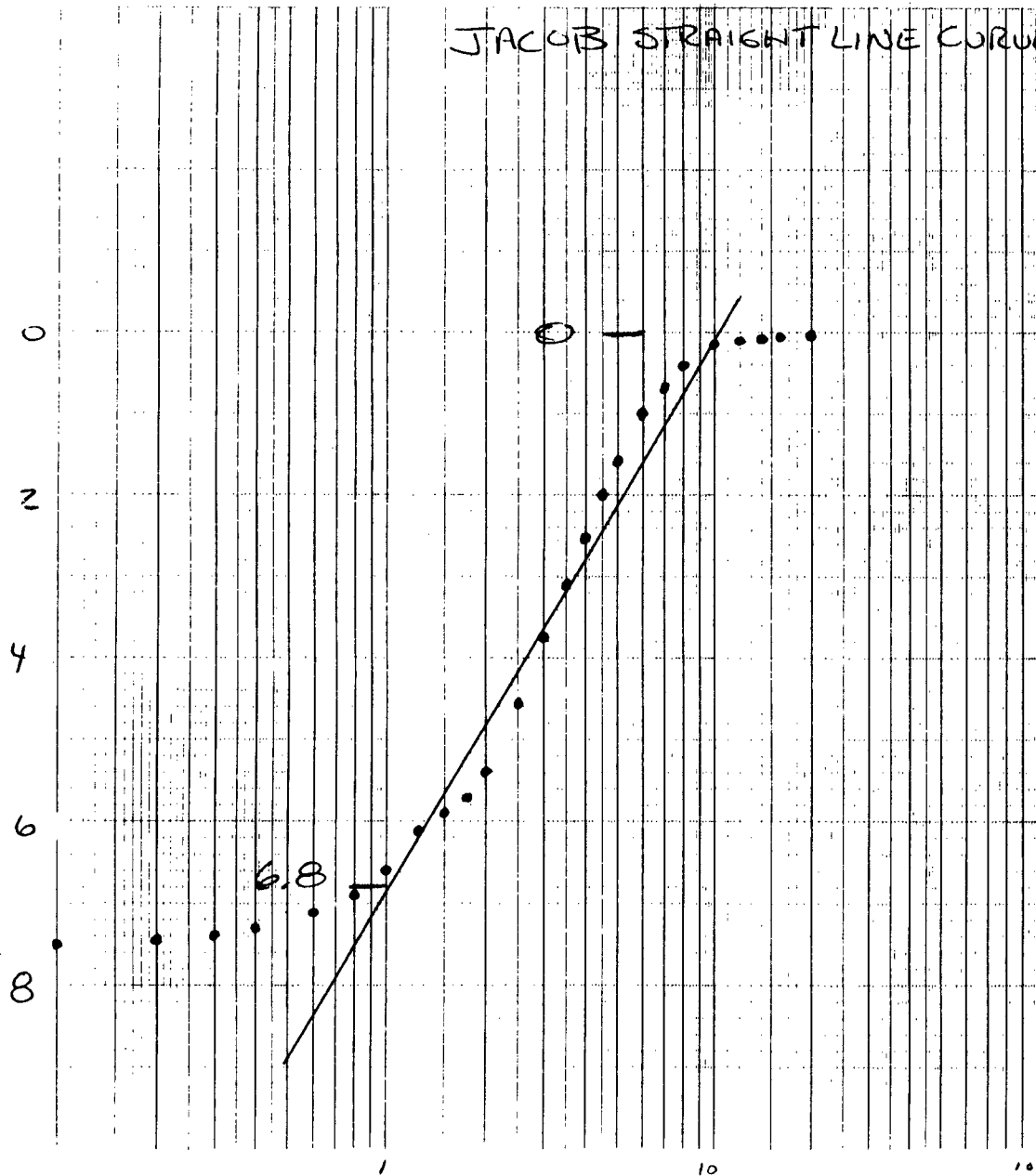
(RECOVERY DATA MW2A)

NUS CORPORATION

PROJECT NAME: Bygon Barrel + Drum MEASURED WELL: MW2A
 PROJECT NO.: 4725 DATE: 12/15/88 PUMPING WELL: MW2A
 GEOLOGIST: J ORIENT / M. HICKS CHECKED: _____ TEST NO.: 1
 STANCE FROM PUMPING WELL (ft.) (r): NA PUMP SETTING, FEET BELOW MONITORING POINT: NA
 STATIC H₂O LEVEL (ft.) (s₀): 12.45' TOC MONITORING POINT: TRANSDUCER
 TIME PURGE (START OR STOP) (t₀): 1405 ELEVATION OF MONITORING POINT (ft. above MSL): NA

TIME	(t) MIN. SINCE PUMP START OR STOP	WATER LEVEL MEASUREMENTS (ft.)			(s) DD Or RECOVERY (ft.)	PUMPING RATE (Q) GPM	REMARKS H ₀ = 14.90'
		READING					
1405			S _a	ΔH			
	0.0		7.50	14.90	0.0	16 GPM	
	0.1		7.48	14.32	0.58		S _a = S ₀ - (S _e ² - 2m)
	0.2		7.45	13.80	1.10		
	0.3		7.40	13.29	1.61		S _a - ADJUSTED DRAWDOWN
	0.4		7.33	12.76	2.14		S ₀ - MEASURED DRAWDOWN
	0.6		7.16	11.79	3.11		M - SATURATED THICKNESS
	0.8		6.91	10.80	4.10		
	1.0		6.60	9.83	5.07		
	1.25		6.14	8.62	6.28		
	1.50		5.89	8.06	6.84		
	1.75		5.67	7.60	7.30		
	2.0		5.39	7.04	7.86		
	2.5		4.53	5.56	9.34		
	3.0		3.75	4.40	10.50		
	3.5		3.08	3.47	11.43		
	4.0		2.49	2.74	12.16		
	4.5		2.00	2.15	12.75		
	5.0		1.59	1.69	13.21		
	6.0		0.99	1.03	13.87		
	7.0		0.62	0.63	14.27		
	8.0		0.40	0.41	14.49		
	10.0		0.18	0.18	14.72		
	12.0		0.08	0.08	14.82		
	14.0		0.05	0.05	14.85		
	16.0		0.03	0.03	14.87		
	20.0		0.01	0.01	14.89		

JACOB STRAIGHT LINE CURVE



$$T = \frac{264(Q)}{AS}$$

WELL MW2A RECOVERY

Q = 16 PM

$$AS = 6.8' - 0.0' = 6.8'$$

$$T = \frac{264(1)}{6.8} = 38.82 \text{ gal/Dy/Ft.}$$

SAT THICKNESS

$$K = \frac{38.82 \text{ gal/Dy/Ft}}{15.0 \text{ Ft}}$$

$$K = 2.59 \text{ gal/Dy/Ft}^2$$

$$K = 1.22 \times 10^{-4} \text{ cm/sec}$$

001022

HYDRAULIC GRADIENT

001023

CLIENT: USEPA REGION II	FILE NO.: L725 Byron	BY: MCH	PAGE (OF)
SUBJECT: GROUNDWATER HYDRAULIC GRADIENT		CHECKED BY: M&C	DATE: ~~3/1/89~~ 5/19/89

OBJECTIVE - TO DETERMINE GW HYDRAULIC GRADIENTS (i)
BASED ON WATER LEVEL MEASUREMENTS FROM
WELLS AND SURVEYED WELL LOCATIONS (DISTANCE
FROM EACH OTHER IN FEET).

RELEVANT
EQUATIONS: $i = \frac{h_1 - h_2}{L}$

WHERE: i = HYDRAULIC GRADIENT
 h = HYDRAULIC HEAD(S)
 L = DISTANCE ALONG THE FLOW PATH
SOURCE: DRISCOLL, 1986

ASSUMPTIONS - 1) HYDRAULIC HEAD MEASUREMENTS USED
WERE TAKEN ON THE SAME DATE

SAMPLE CALCULATIONS: (ACTUAL BYRON WELL DATA USED TO
CONFIRM THE FIGURE⁽³⁻⁸⁾ USED IN THE REPORT)

$$\begin{array}{lcl} \text{MW 1B} & \rightarrow & 634.35' \\ \text{MW 13B} & \rightarrow & \underline{633.00'} \\ & & 1.35' \end{array} \quad \begin{array}{l} i = \frac{1.35'}{750'} \\ i = .0018 \end{array}$$

$$\begin{array}{lcl} \text{MW 4A} & \rightarrow & 634.68' \\ \text{MW 13B} & \rightarrow & \underline{633.00'} \\ & & 1.68' \end{array} \quad \begin{array}{l} i = \frac{1.68'}{930'} \\ i = .0018 \end{array}$$

$$\begin{array}{lcl} \text{MW 14B} & \rightarrow & 633.97' \\ \text{MW 13B} & \rightarrow & \underline{633.00'} \\ & & 0.97' \end{array} \quad \begin{array}{l} i = \frac{0.97'}{540'} \\ i = .0018 \end{array}$$

AVERAGE HYDRAULIC GRADIENT IS EQUAL TO 0.0018

001024

GROUNDWATER FLOW VELOCITY

001025

CLIENT: USEPA REGION II	FILE NO.: L725 Byron	BY: MCW	PAGE 1 OF 7
SUBJECT: GROUNDWATER FLOW VELOCITIES	CHECKED BY: MGC	DATE: ~~3/1/89~~ 5/19/89	

OBJECTIVE - TO DETERMINE GW FLOW VELOCITIES ($\bar{V}$)
BASED ON HYDRAULIC CONDUCTIVITY

RELEVANT
EQUATIONS: $\bar{V} = \frac{K(i)}{n}$

WHERE: K = Hydraulic Conductivity (cm/sec)
 i = Hydraulic Gradient
 n = Effective Porosity
 $\bar{V}$ = GW FV

SOURCE: DRISCOLL, 1986

ASSUMPTIONS: 1) OVERBURDEN POROSITIES RANGE FROM 20%-30%
 2) Hydraulic Gradient Calculated to be 0.0018
 within study area

SAMPLE CALCULATIONS: WHERE $\rightarrow K = 5.10 \times 10^{-3}$ cm/sec
 $i = 0.0018$
 $n = 0.30(30\%)$ min. velocity
 OR
 $0.20(20\%)$ max. velocity

$$\bar{V} = \frac{5.10 \times 10^{-3} \text{ cm/sec} (0.0018)}{.30}$$

$$= 3.06 \times 10^{-5} \text{ cm/sec}$$

$$= 3 \times 1.7 \text{ FT/YEAR (minimum)}$$

$$\bar{V} = \frac{5.10 \times 10^{-3} \text{ cm/sec} (0.0018)}{.20}$$

$$= 4.59 \times 10^{-5} \text{ cm/sec}$$

$$= 4 \times 7.5 \text{ FT/YEAR (maximum)}$$

001026

CLIENT: USEPA REGION II	FILE NO.: L725 (BYRON)	BY: MCN	PAGE 2 OF 7
SUBJECT: GW FLOW VELOCITIES		CHECKED BY: MGC	DATE: ~~3/1/89~~ 5/19/89

$$mw \ 1A \rightarrow K = 2.42 \times 10^{-4} \text{ cm/SEC}$$

$$\bar{V} = \frac{\text{(min)}}{.30} \frac{2.42 \times 10^{-4} (.0018)}{.30}$$

$$= 1.45 \times 10^{-6} \text{ cm/SEC.}$$

$$= 1.50 \text{ FT/YR.}$$

$$\bar{V} = \frac{\text{(MAX)}}{.20} \frac{2.42 \times 10^{-4} (.0018)}{.20}$$

$$= 2.18 \times 10^{-6} \text{ cm/SEC}$$

$$= 2.25 \text{ FT/YR.}$$

$$mw \ 1B \rightarrow K = 2.61 \times 10^{-2} \text{ cm/SEC}$$

$$\bar{V} = \frac{\text{(min)}}{.30} \frac{2.61 \times 10^{-2} (.0018)}{.30}$$

$$= 1.57 \times 10^{-4} \text{ cm/SEC}$$

$$= 162.05 \text{ FT/YR}$$

$$\bar{V} = \frac{\text{(MAX)}}{.20} \frac{2.61 \times 10^{-2} (.0018)}{.20}$$

$$= 2.35 \times 10^{-4} \text{ cm/SEC}$$

$$= 243.07 \text{ FT/YR}$$

$$mw \ 2A \rightarrow K = 1.13 \times 10^{-3} \text{ cm/SEC}$$

$$\bar{V} = \frac{\text{(min)}}{.30} \frac{1.13 \times 10^{-3} (.0018)}{.30}$$

$$= 6.78 \times 10^{-6} \text{ cm/SEC}$$

$$= 7.02 \text{ FT/YR}$$

$$\bar{V} = \frac{\text{(MAX)}}{.20} \frac{1.13 \times 10^{-3} (.0018)}{.20}$$

$$= 1.02 \times 10^{-5} \text{ cm/SEC}$$

$$= 10.52 \text{ FT/YR}$$

C01027

CLIENT: USEPA REGION II	FILE NO.: L725 (B4R0W)	BY: MCN	PAGE 3 OF 7
SUBJECT: GW FLOW VELOCITIES		CHECKED BY: MGL	DATE: ~~3/11/89~~ 5/19/89

$$mw\ 2B \rightarrow K = 2.10 \times 10^{-3} \text{ cm/SEC}$$

$$\bar{U} = \frac{\text{(min)}}{2.10 \times 10^{-3} (.0018)} \cdot .30$$

$$= 1.26 \times 10^{-5} \text{ cm/SEC.}$$

$$= 13.04 \text{ FT/YR.}$$

$$\bar{U} = \frac{\text{(MAX)}}{2.10 \times 10^{-3} (.0018)} \cdot .20$$

$$= 1.89 \times 10^{-5} \text{ cm/SEC}$$

$$= 19.56 \text{ FT/YR.}$$

$$mw\ 3A \rightarrow K = 4.22 \times 10^{-3} \text{ cm/SEC}$$

$$\bar{U} = \frac{\text{(min)}}{4.22 \times 10^{-3} (.0018)} \cdot .30$$

$$= 2.53 \times 10^{-5} \text{ cm/SEC}$$

$$= 26.20 \text{ FT/YR}$$

$$\bar{U} = \frac{\text{(MAX)}}{4.22 \times 10^{-3} (.0018)} \cdot .20$$

$$= 3.79 \times 10^{-5} \text{ cm/SEC}$$

$$= 39.22 \text{ FT/YR}$$

$$mw\ 3B \rightarrow K = 7.56 \times 10^{-3} \text{ cm/SEC}$$

$$\bar{U} = \frac{\text{(min)}}{7.56 \times 10^{-3} (.0018)} \cdot .30$$

$$= 4.53 \times 10^{-5} \text{ cm/SEC}$$

$$= 46.94 \text{ FT/YR}$$

$$\bar{U} = \frac{\text{(MAX)}}{7.56 \times 10^{-3} (.0018)} \cdot .20$$

$$= 6.80 \times 10^{-5} \text{ cm/SEC}$$

$$= 70.41 \text{ FT/YR}$$

001028

CLIENT: USEPA REGION II	FILE NO.: L725 (BYRON)	BY: MCN	PAGE 4 OF 7
SUBJECT: GW FLOW VELOCITIES		CHECKED BY: VAP	DATE: 5/19/89

$$mw\ 4A \rightarrow K = 5.56 \times 10^{-3} \text{ cm/SEC}$$

$$\bar{U} = \frac{\text{(min)}}{.30} \frac{5.56 \times 10^{-3} (.0018)}{.30}$$

$$= 3.34 \times 10^{-5} \text{ cm/SEC.}$$

$$= 34.52 \text{ FT/YR.}$$

$$\bar{U} = \frac{\text{(MAX)}}{.20} \frac{5.56 \times 10^{-3} (.0018)}{.20}$$

$$= 5.00 \times 10^{-5} \text{ cm/SEC}$$

$$= 51.78 \text{ FT/YR.}$$

$$mw\ 5A \rightarrow K = 5.30 \times 10^{-3} \text{ cm/SEC}$$

$$\bar{U} = \frac{\text{(min)}}{.30} \frac{5.30 \times 10^{-3} (.0018)}{.30}$$

$$= 3.18 \times 10^{-5} \text{ cm/SEC}$$

$$= 32.91 \text{ FT/YR}$$

$$\bar{U} = \frac{\text{(MAX)}}{.20} \frac{5.30 \times 10^{-3} (.0018)}{.20}$$

$$= 4.77 \times 10^{-5} \text{ cm/SEC}$$

$$= 49.36 \text{ FT/YR}$$

$$mw\ 5B \rightarrow K = 4.45 \times 10^{-4} \text{ cm/SEC}$$

$$\bar{U} = \frac{\text{(min)}}{.30} \frac{4.45 \times 10^{-4} (.0018)}{.30}$$

$$= 2.67 \times 10^{-6} \text{ cm/SEC}$$

$$= 2.76 \text{ FT/YR}$$

$$\bar{U} = \frac{\text{(MAX)}}{.20} \frac{4.45 \times 10^{-4} (.0018)}{.20}$$

$$= 4.01 \times 10^{-6} \text{ cm/SEC}$$

$$= 4.14 \text{ FT/YR}$$

CLIENT: USEPA REGION II	FILE NO.: L725 (BYRON)	BY: MCN	PAGE 5 OF 7
SUBJECT: GW FLOW VELOCITIES		CHECKED BY: JLP	DATE: 5/19/89

$$mw\ 6B \rightarrow K = 2.86 \times 10^{-2} \text{ cm/SEC}$$

$$\bar{V} = \frac{\text{(min)}}{2.86 \times 10^{-2} (.0018)} \\ .30$$

$$= 1.72 \times 10^{-4} \text{ cm/SEC.}$$

$$= 177.57 \text{ FT/YR.}$$

$$\bar{V} = \frac{\text{(MAX)}}{2.86 \times 10^{-2} (.0018)} \\ .20$$

$$= 2.57 \times 10^{-4} \text{ cm/SEC}$$

$$= 266.35 \text{ FT/YR.}$$

$$mw\ 7A \rightarrow K = 1.06 \times 10^{-3} \text{ cm/SEC}$$

$$\bar{V} = \frac{\text{(min)}}{1.06 \times 10^{-3} (.0018)} \\ .30$$

$$= 6.36 \times 10^{-6} \text{ cm/SEC}$$

$$= 6.58 \text{ FT/YR}$$

$$\bar{V} = \frac{\text{(MAX)}}{1.06 \times 10^{-3} (.0018)} \\ .20$$

$$= 9.54 \times 10^{-6} \text{ cm/SEC}$$

$$= 9.87 \text{ FT/YR}$$

$$mw\ 7B \rightarrow K = 2.82 \times 10^{-3} \text{ cm/SEC}$$

$$\bar{V} = \frac{\text{(min)}}{2.82 \times 10^{-3} (.0018)} \\ .30$$

$$= 1.69 \times 10^{-5} \text{ cm/SEC}$$

$$= 17.51 \text{ FT/YR}$$

$$\bar{V} = \frac{\text{(MAX)}}{2.82 \times 10^{-3} (.0018)} \\ .20$$

$$= 2.53 \times 10^{-5} \text{ cm/SEC}$$

$$= 26.26 \text{ FT/YR}$$

CC1030

CLIENT: USEPA REGION II	FILE NO.: L725 (BYRON)	BY: MCN	PAGE 6 OF 7
SUBJECT: GW FLOW VELOCITIES		CHECKED BY: VJP	DATE: 5/19/89

$$mw\ 813 \rightarrow K = 8.30 \times 10^{-4} \text{ cm/SEC}$$

$$\bar{V} = \frac{\text{(min)}}{8.30 \times 10^{-4} (.0018)} \\ .30$$

$$= 4.98 \times 10^{-6} \text{ cm/SEC.}$$

$$= 5.15 \text{ FT/YR.}$$

$$\bar{V} = \frac{\text{(MAX)}}{8.30 \times 10^{-4} (.0018)} \\ .20$$

$$= 7.47 \times 10^{-6} \text{ cm/SEC}$$

$$= 7.73 \text{ FT/YR.}$$

$$mw\ 10B \rightarrow K = 1.08 \times 10^{-2} \text{ cm/SEC}$$

$$\bar{V} = \frac{\text{(min)}}{1.08 \times 10^{-2} (.0018)} \\ .30$$

$$= 6.48 \times 10^{-5} \text{ cm/SEC}$$

$$= 67.05 \text{ FT/YR}$$

$$\bar{V} = \frac{\text{(MAX)}}{1.08 \times 10^{-2} (.0018)} \\ .20$$

$$= 9.72 \times 10^{-5} \text{ cm/SEC}$$

$$= 100.58 \text{ FT/YR}$$

$$mw\ 11B \rightarrow K = 5.21 \times 10^{-4} \text{ cm/SEC}$$

$$\bar{V} = \frac{\text{(min)}}{5.21 \times 10^{-4} (.0018)} \\ .30$$

$$= 3.13 \times 10^{-6} \text{ cm/SEC}$$

$$= 3.23 \text{ FT/YR}$$

$$\bar{V} = \frac{\text{(MAX)}}{5.21 \times 10^{-4} (.0018)} \\ .20$$

$$= 4.69 \times 10^{-6} \text{ cm/SEC}$$

$$= 4.85 \text{ FT/YR}$$

001031

CLIENT: USEPA REGION II	FILE NO.: L725 (B4R0W)	BY: MCN	PAGE 7 OF 7
SUBJECT: GW FLOW VELOCITIES		CHECKED BY: VAP	DATE: 5/19/89

MW 12B $\rightarrow K = 9.93 \times 10^{-4}$ CM/SEC

$$\bar{V} = \frac{9.93 \times 10^{-4} \text{ (min)} (.0018)}{.30}$$

$$= 5.96 \times 10^{-6} \text{ CM/SEC.}$$

$$= 6.17 \text{ FT/YR.}$$

$$\bar{V} = \frac{9.93 \times 10^{-4} \text{ (MAX)} (.0018)}{.20}$$

$$= 8.94 \times 10^{-6} \text{ CM/SEC}$$

$$= 9.25 \text{ FT/YR.}$$

MW 13B $\rightarrow K = 2.25 \times 10^{-4}$ CM/SEC

$$\bar{V} = \frac{2.25 \times 10^{-4} \text{ (min)} (.0018)}{.30}$$

$$= 1.35 \times 10^{-6} \text{ CM/SEC}$$

$$= 1.40 \text{ FT/YR}$$

$$\bar{V} = \frac{2.25 \times 10^{-4} \text{ (MAX)} (.0018)}{.20}$$

$$= 2.03 \times 10^{-6} \text{ CM/SEC}$$

$$= 2.10 \text{ FT/YR}$$

MW 14B $\rightarrow K = 5.57 \times 10^{-4}$ CM/SEC

$$\bar{V} = \frac{5.57 \times 10^{-4} \text{ (min)} (.0018)}{.30}$$

$$= 3.34 \times 10^{-6} \text{ CM/SEC}$$

$$= 3.46 \text{ FT/YR}$$

$$\bar{V} = \frac{5.57 \times 10^{-4} \text{ (MAX)} (.0018)}{.20}$$

$$= 5.01 \times 10^{-6} \text{ CM/SEC}$$

$$= 5.19 \text{ FT/YR}$$

001032

E

001033

APPENDIX E
ANALYTICAL DATA BASE

- Historical Data
- Statistical Summaries
- Soil-Gas Survey Results
- Surface Soil Results
- Subsurface Soil Results
- Monitoring Well Results
- Surface Water Results
- Sediment Results
- Residential Well Results
- Supplemental Results

CC1034

Historical Data

CC1035

TABLE 2-1

ANALYTICAL RESULTS - DRUM WASTE SAMPLES (07/82)¹
 BYRON BARREL AND DRUM SITE
 BYRON, NEW YORK

Component ²	Sample Identification				
	R-8009-01	R-8009-02	R-8009-05	R-8009-08	R-8009-09
water	9%		8%		>90%
methanol	2%		2%		
ethanol	46%		50%		
2-butanone	28%	22%	23%		
methylene chloride	3%				2.5%
propyl acetate		20%			
heptane		25%			
toluene		32%			
mineral spirits				10%	

¹ Source: Hazardous Waste Assessment Performed for New York State Department of Environmental Conservation, RECRA Research, Inc., July 29, 1987.

² Composition reported as weight percent.

> Greater than.

TABLE 2-2

ORGANIC ANALYTICAL RESULTS - BULKED DRUM WASTE SAMPLES¹
BYRON BARREL AND DRUM SITE
BYRON, NEW YORK

Chemical	Sample Identification	
	Bulk Test No. 2 (mg/kg)	Bulk Test No. 3 (mg/kg)
toluene	55,200	190,000
ethylbenzene	140	1,700
xylene	2,400	11,000
chlorobenzene	100	
trichloroethene	13,900	
1,2-dichloroethene	<100	
1,1,1-trichloroethane		14,000
methylene chloride	220	7,500
2-butanone	9,000	
2-methylhexane	9,000	
3-methylhexane	9,000	
methylcyclohexane	55,000	
heptane	82,000	

¹ Source: Report of Tests for O.H. Materials Company.
New York Testing Laboratories, Inc., Westbury,
New York.

001037

TABLE 2-3

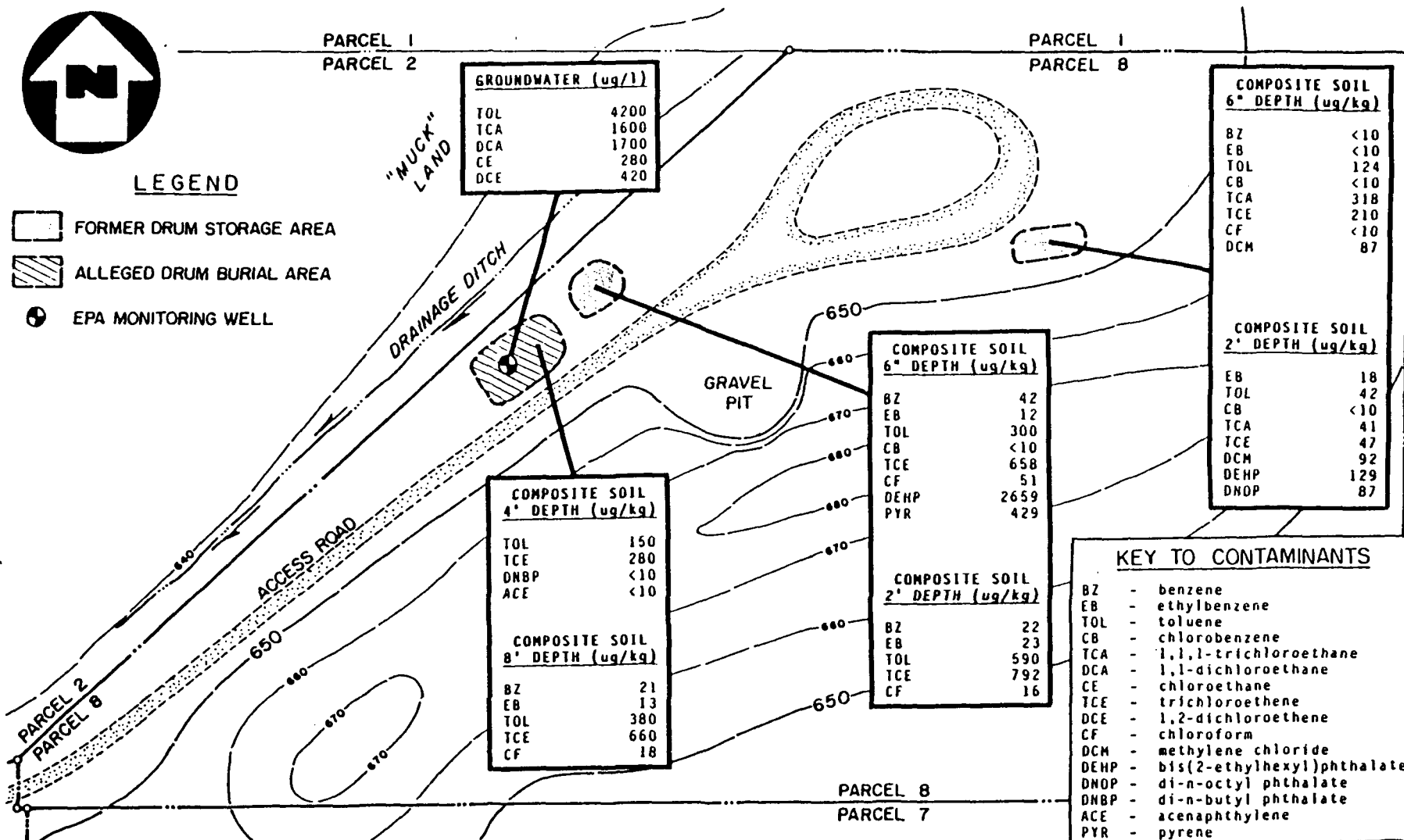
INORGANIC ANALYTICAL RESULTS - BULKED DRUM WASTE SAMPLES¹
BYRON BARREL AND DRUM SITE
BYRON, NEW YORK

Chemical	Sample Identification	
	Bulk Test No. 2 (mg/l) ²	Bulk Test No. 3 (mg/l)
arsenic (EP Toxicity)	<0.05	<0.05
barium (EP Toxicity)	<1.0	<1.0
cadmium (EP Toxicity)	0.06	0.06
chromium (EP Toxicity)	<0.05	<0.05
lead (EP Toxicity)	0.41	0.07
mercury (EP Toxicity)	<0.02	<0.02
selenium (EP Toxicity)	<0.01	<0.01
silver (EP Toxicity)	<0.05	<0.05
polychlorinated biphenyls	<1.0 (mg/kg)	<1.0 (mg/kg)

¹ Source: Report of Analysis for O.H. Materials Company, New York Testing Laboratories, Inc., Westbury, New York, September 1984.

² < - less than, not detected above reported method detection limit.

CC1038



CHEMICAL CONCENTRATIONS
IN SOIL AND GROUNDWATER SAMPLES (ppb)
BYRON BARREL AND DRUM SITE, BYRON, NY
 SCALE: 1"=100'

FIGURE 2-3



Statistical Summaries

CC1040

STATISTICAL ANALYSIS FOR SAMPLE TYPE: BYRON BARREL AND DRUM SITE - SURFACE SOIL SAMPLE RESULTS

PP NO	CAS NO	COMPOUND	# OF DETECTS / # OF SAMPLES	MINIMUM DETECTED CONC.	MAXIMUM DETECTED CONC.	AVERAGE	GEOMETRIC MEAN
11V	71-55-6	1,1,1-TRICHLOROETHANE	1/27	2.0000	2.0000	0.0741	2.4794
85V	127-18-4	TETRACHLOROETHENE	1/27	7.0000	7.0000	0.2593	2.5971
87V	79-01-6	TRICHLOROETHENE	3/27	3.0000	47.0000	2.0000	2.8551
23V	67-66-3	CHLOROFORM	4/27	1.0000	2.0000	0.2593	2.3574
66B	117-81-7	BIS(2-ETHYLHEXYL)PHTHALATE	15/27	37.0000	550.0000	84.8148	134.0507
68B	84-74-2	DI-N-BUTYL PHTHALATE	2/27	42.0000	67.0000	4.0370	151.6975
67B	85-68-7	BUTYL BENZYL PHTHALATE	1/27	140.0000	140.0000	5.1852	163.9989
72B	56-55-3	BENZO(A)ANTHRACENE	1/27	110.0000	110.0000	4.0741	162.5406
74B	205-99-2	BENZO(B)FLUORANTHENE	5/27	40.0000	240.0000	16.0000	139.0611
73B	50-32-8	BENZO(A)PYRENE	1/27	100.0000	100.0000	3.7037	161.9679
76B	218-01-9	CHRYSENE	2/27	42.0000	140.0000	6.7407	155.8950
39B	206-44-0	FLUORANTHENE	3/27	41.0000	270.0000	13.2963	152.4573
81B	85-01-8	PHENANTHRENE	2/27	47.0000	200.0000	9.1481	158.6276
84B	129-00-0	PYRENE	2/27	53.0000	170.0000	8.2593	158.3788
	65-85-0	BENZOIC ACID	9/27	40.0000	490.0000	56.6667	413.7816
92P	50-29-3	4,4'-DDT	13/27	19.0000	2100.0000	259.8889	31.7788
	72-54-8	4,4'-DDD	2/27	63.0000	79.0000	5.2593	9.3998
93P	72-55-9	4,4'-DDE	11/27	18.0000	310.0000	42.5185	18.8139
98P	72-20-8	ENDRIN	3/27	86.0000	250.0000	16.1481	10.8963
	53494-70	ENDRIN KETONE	1/27	36.0000	36.0000	1.3333	8.4582
97P	1031-07-8	ENDOSUFAN SULFATE	3/27	60.0000	140.0000	9.7407	10.3450
90P	60-57-1	DIELDRIN	6/27	25.0000	3500.0000	230.5926	18.4788
1		ALUMINUM	27/27	2770.0000	8670.0000	5279.6296	5063.5899
2		ANTIMONY	1/27	10.0000	10.0000	0.3704	1.0890
3		ARSENIC	27/27	1.2000	49.1000	6.1815	3.3813
5		BERYLLIUM	27/27	0.3400	1.0000	0.6174	0.5872
6		CADMIUM	19/27	1.2000	2.8000	1.5926	1.7577
7		CALCIUM	27/27	890.0000	10800.0000	21607.7778	12175.6350
8		CHROMIUM	27/27	4.5000	804.0000	54.4815	10.1040
9		COBALT	22/27	1.7000	4.4000	2.2000	2.1966
11		IRON	27/27	3460.0000	11300.0000	7804.4474	7626.6067
12		LEAD	26/27	6.0000	2720.0000	173.2370	30.0340
13		MAGNESIUM	12/27	1680.0000	28200.0000	3451.4815	43.2027
14		MANGANESE	27/27	86.9000	629.0000	295.7370	266.3704
15		MERCURY	7/27	0.1600	0.2800	0.0533	0.6606
16		NICKEL	27/27	4.0000	9.1000	6.3222	6.1569
17		POTASSIUM	27/27	200.0000	900.0000	448.1111	418.8606
18		SELENIUM	11/27	0.4000	4.6000	0.5359	0.9647
20		SODIUM	27/27	39.6000	120.0000	74.8778	71.3891
23		VANADIUM	27/27	5.4000	13.0000	8.9037	8.6125
24		ZINC	27/27	44.6000	308.0000	95.4111	84.7847

001041

STATISTICAL ANALYSIS FOR SAMPLE TYPE: BACKGROUND SURFACE SOIL SAMPLES - INORGANIC RESULTS

PP NO	CAS NO	COMPOUND	# OF DETECTS / # OF SAMPLES	MINIMUM DETECTED CONC.	MAXIMUM DETECTED CONC.	AVERAGE	GEOMETRIC MEAN
1		ALUMINUM	5/5	3160.0000	6650.0000	4654.0000	4463.7957
3		ARSENIC	5/5	1.2000	49.1000	18.2600	8.8986
5		BERYLLIUM	5/5	.3800	.8500	.6040	.5759
6		CADMIUM	2/5	2.1000	2.6000	.9400	1.4042
7		CALCIUM	5/5	1590.0000	42700.0000	25498.0000	17063.4310
8		CHROMIUM	5/5	5.8000	7.6000	6.3800	6.3514
9		COBALT	2/5	2.6000	2.8000	1.0800	1.4873
11		IRON	5/5	3460.0000	9210.0000	7002.0000	6648.2444
12		LEAD	5/5	11.4000	20.1000	15.9800	15.6936
13		MAGNESIUM	1/5	1740.0000	1740.0000	348.0000	4.4474
14		MANGANESE	5/5	86.9000	360.0000	235.3800	213.6433
15		MERCURY	3/5	.1800	.2800	.1300	.3946
16		NICKEL	5/5	4.3000	9.1000	7.1000	6.8843
17		POTASSIUM	5/5	458.0000	900.0000	672.8000	650.0343
18		SELENIUM	4/5	.5800	4.6000	1.9960	1.7247
20		SODIUM	5/5	39.6000	104.0000	75.8600	71.8106
23		VANADIUM	5/5	6.9000	13.0000	9.9400	9.7143
24		ZINC	5/5	56.9000	109.0000	75.5800	73.2059

001012

STATISTICAL ANALYSIS FOR SAMPLE TYPE: SITE SURFACE SOIL SAMPLES - INORGANIC RESULTS

PP NO	CAS NO	COMPOUND	# OF DETECTS / # OF SAMPLES	MINIMUM DETECTED CONC.	MAXIMUM DETECTED CONC.	AVERAGE	GEOMETRIC MEAN
1		ALUMINUM	20/20	2770.0000	8670.0000	5531.0000	5309.0480
2		ANTIMONY	1/20	10.0000	10.0000	.5000	1.1220
3		ARSENIC	20/20	1.4000	4.4000	2.5950	2.4779
5		BERYLLIUM	20/20	.3400	1.0000	.6160	.5844
6		CADMIUM	16/20	1.2000	2.8000	1.8050	1.8910
7		CALCIUM	20/20	890.0000	108000.0000	19556.0000	10159.8524
8		CHROMIUM	20/20	4.5000	804.0000	71.2400	11.7468
9		COBALT	18/20	1.7000	4.4000	2.4250	2.3677
11		IRON	20/20	5350.0000	11300.0000	8022.0040	7896.3501
12		LEAD	19/20	6.0000	2720.0000	227.4100	36.4121
13		MAGNESIUM	10/20	1680.0000	28200.0000	4112.5000	70.4244
14		MANGANESE	20/20	138.0000	629.0000	316.1500	284.1537
15		MERCURY	4/20	.1600	.2500	.0395	.7209
16		NICKEL	20/20	4.0000	7.5000	5.8750	5.7743
17		POTASSIUM	20/20	200.0000	514.0000	369.8000	359.7525
18		SELENIUM	6/20	.4000	.8600	.1645	.8237
20		SODIUM	20/20	39.6000	120.0000	73.6850	70.1402
23		VANADIUM	20/20	5.4000	13.0000	8.6500	8.3802
24		ZINC	20/20	44.6000	308.0000	102.5650	89.4505

001043

STATISTICAL ANALYSIS FOR SAMPLE TYPE: SUBSURFACE SOIL SAMPLES - MOBILE LABORATORY

PP NO	CAS NO	COMPOUND	# OF DETECTS / # OF SAMPLES	MINIMUM DETECTED CONC.	MAXIMUM DETECTED CONC.	AVERAGE	GEOMETRIC MEAN
4V	71-43-2	BENZENE	3/129	5.0000	19.0000	.2636	2.5808
86V	108-88-3	TOLUENE	8/129	9.0000	865.0000	11.4574	3.0926
38V	100-41-4	ETHYLBENZENE	3/129	14.0000	17.0000	.3566	2.6075
11V	71-55-6	1,1,1-TRICHLOROETHANE	18/129	5.0000	551.0000	16.2264	3.6716
10V	107-06-2	1,2-DICHLOROETHANE	1/129	5.1000	5.1000	.0395	2.5138
87V	79-01-6	TRICHLOROETHENE	25/129	6.0000	2669.0000	67.9147	4.7737
30V	156-60-5	TRANS-1,2-DICHLOROETHENE	5/129	6.0000	22.0000	.5969	2.6732

001044

STATISTICAL ANALYSIS FOR SAMPLE TYPE: BYRON BARREL AND DRUM SITE - SUBSURFACE SOILS (CLP)

LF NO	CAS NO	COMPOUND	# OF DETECTS / # OF SAMPLES	MINIMUM DETECTED CONC.	MAXIMUM DETECTED CONC.	AVERAGE	GEOMETRIC MEAN
	67-64-1	ACETONE	1/20	270.0000	270.0000	13.5000	6.1036
86V	108-88-3	TOLUENE	9/20	6.0000	2700.0000	235.3500	13.0023
38V	100-41-4	ETHYLBENZENE	2/20	33.0000	51.0000	4.2000	3.3071
	95-47-6	TOTAL XYLENES	3/20	7.0000	1700.0000	88.9500	4.3141
11V	71-55-6	1,1,1-TRICHLOROETHANE	4/20	17.0000	150.0000	16.1000	4.7547
14V	79-00-5	1,1,2-TRICHLOROETHANE	1/20	12.0000	12.0000	.6000	2.7039
85V	127-18-4	TETRACHLOROETHENE	10/20	3.0000	4400.0000	276.5500	10.8516
87V	79-01-6	TRICHLOROETHENE	10/20	13.0000	2800.0000	221.2000	17.8497
29V	75-35-4	1,1-DICHLOROETHENE	2/20	2.0000	10.0000	.6000	2.6497
44V	75-09-2	METHYLENE CHLORIDE	5/20	25.0000	190.0000	24.1000	5.8091
33VT	10061-02-6	TRANS-1,3-DICHLOROPROPENE	1/20	7.0000	7.0000	.3500	2.6320
66B	117-81-7	BIS(2-ETHYLHEXYL)PHTHALATE	4/20	80.0000	1700.0000	103.0000	175.7232
68B	84-74-2	DI-N-BUTYL PHTHALATE	8/20	1200.0000	2000.0000	695.0000	421.1187
55B	91-20-3	NAFHTHALENE	1/20	95.0000	95.0000	4.7500	160.5077
84B	129-00-0	PYRENE	1/20	79.0000	79.0000	3.9500	159.0344
92P	50-29-3	4,4'-DDT	1/20	12.0000	12.0000	.6000	8.1638
93P	72-55-9	4,4'-DDE	1/20	7.0000	7.0000	.3500	7.9467
107P	11097-69-1	AKUCLOL-1254	1/20	690.0000	690.0000	34.5000	89.1000
1		ALUMINUM	20/20	1370.0000	5640.0000	3298.0000	3124.3414
2		ANTIMONY	1/20	10.4000	10.4000	.5200	1.1242
3		ARSENIC	17/20	1.3000	2.9000	1.7150	1.7624
4		BARIUM	20/20	6.8000	68.5000	35.7750	31.0631
6		CADMIUM	1/20	1.2000	1.2000	.0600	1.0091
7		CALCIUM	20/20	1670.0000	91600.0000	39230.0000	26155.7210
8		CHROMIUM	9/20	1.7000	15.5000	2.7250	2.0880
9		COBALT	19/20	1.7000	8.2000	3.7700	3.4630
10		COPPER	17/20	3.2000	12.8000	6.6750	5.4769
11		IRON	20/20	3210.0000	12300.0000	7205.5000	6857.9848
12		LEAD	10/20	4.7000	22.6000	4.5700	2.8497
13		MAGNESIUM	20/20	1970.0000	24500.0000	11297.5000	9087.2401
14		MANGANESE	20/20	137.0000	536.0000	305.0500	285.0691
16		NICKEL	9/20	3.7000	8.8000	2.8550	2.2445
17		POTASSIUM	16/20	240.0000	699.0000	384.0000	134.4702
19		SILVER	2/20	57.7000	144.0000	10.0850	1.5702
20		SODIUM	11/20	61.4000	756.0000	76.6150	12.1836
23		VANADIUM	20/20	4.0000	14.4000	8.4850	8.1141
24		ZINC	20/20	17.4000	122.0000	56.5250	49.9497
		TOTAL ORGANIC CARBON	5/5	3600.0000	18700.0000	9592.0000	8403.0376

001045

STATISTICAL ANALYSIS FOR SAMPLE TYPE: STATISTICAL SUMMARY - ROUND 1 MONITORING WELL SAMPLES

PP NO	CAS NO	COMPOUND	# OF DETECTS / # OF SAMPLES	MINIMUM DETECTED CONC.	MAXIMUM DETECTED CONC.	AVERAGE	GEOMETRIC MEAN
4V	71-43-2	BENZENE	1/6	.2600	.2600	.0433	1.7144
8AV	108-88-3	TOLUENE	1/6	.2000	.2000	.0333	1.6410
7V	108-90-7	CHLOROBENZENE	1/6	.2500	.2500	.0417	1.7032
11V	71-55-6	1,1,1-TRICHLOROETHANE	6/6	.0300	970.0000	236.8467	11.0563
14V	79-00-5	1,1,2-TRICHLOROETHANE	3/6	.0700	2.7000	.4733	.7689
10V	75-34-3	1,1-DICHLOROETHANE	4/6	1.3000	21.0000	6.6000	4.2492
10V	107-06-2	1,2-DICHLOROETHANE	1/6	.4100	.4100	.0683	1.8496
85V	127-18-4	TETRACHLOROETHENE	3/6	.1200	62.0000	10.4333	1.9548
87V	79-01-6	TRICHLOROETHENE	3/6	.3400	2800.0000	468.3233	7.2297
30V	156-60-5	TRANS-1,2-DICHLOROETHENE	2/6	.5800	48.0000	8.0967	3.2067
29V	75-35-4	1,1-DICHLOROETHENE	3/6	.2100	3.9000	.9183	1.6176
23V	67-66-3	CHLOROFORM	4/6	.0900	.5100	.1450	.4118
44V	75-09-2	METHYLENE CHLORIDE	1/6	.6700	.6700	.1117	2.0073

001046

STATISTICAL ANALYSIS FOR SAMPLE TYPE: STATISTICAL SUMMARY - ROUND 2 MONITORING WELL SAMPLES

PP NO	CAS NO	COMPOUND	# OF DETECTS / # OF SAMPLES	MINIMUM DETECTED CONC.	MAXIMUM DETECTED CONC.	AVERAGE	GEOMETRIC MEAN
96V	108-88-3	TOLUENE	1/6	.2200	.2200	.0367	1.6673
11V	71-55-6	1,1,1-TRICHLOROETHANE	5/6	.2800	510.0000	226.7883	17.5196
10V	75-34-3	1,1-DICHLOROETHANE	3/6	3.4000	4.5000	2.0333	3.1768
85V	127-18-4	TETRACHLOROETHENE	1/6	.0600	.0600	.0100	1.3426
29V	75-35-4	1,1-DICHLOROETHENE	3/6	3.8000	4.2000	2.0167	3.1739
23V	67-66-3	CHLOROFORM	3/6	.1300	.5000	.1750	.8676
44V	75-09-2	METHYLENE CHLORIDE	1/6	2.8000	2.8000	.4667	2.5476
48V	75-27-4	BROMODICHLOROMETHANE	1/6	.2300	.2300	.0383	1.6797
51V	124-48-1	CHLORODIBROMOMETHANE	1/6	.1400	.1400	.0233	1.5463

001047

STATISTICAL ANALYSIS FOR SAMPLE TYPE: STATISTICAL SUMMARY - FOUNDED MONITORING WELL SAMPLES

UP NO	CAS NO	COMPOUND	N OF DETECTS / N OF SAMPLES	MINIMUM DETECTED CONC.	MAXIMUM DETECTED CONC.	AVERAGE	GEOMETRIC MEAN
86V	100-88-3	TOLUENE	2/20	1.0000	1.0000	.1000	2.2811
	95-47-6	TOTAL XYLENES	3/20	2.0000	3.0000	.3500	2.4677
11V	71-55-6	1,1,1-TRICHLOROETHANE	11/20	9.0000	4400.0000	382.9000	13.3485
10V	75-34-3	1,1-DICHLOROETHANE	10/20	1.0000	290.0000	17.5500	4.4573
85V	127-18-4	TETRACHLOROETHENE	1/20	82.0000	82.0000	4.1000	2.9766
87V	79-01-6	TRICHLOROETHENE	4/20	5.0000	3300.0000	166.5000	4.2861
10V	156-60-5	TRANS-1,2-DICHLOROETHENE	1/20	110.0000	110.0000	5.5000	3.0707
29V	75-35-4	1,1-DICHLOROETHENE	9/20	2.0000	41.0000	5.2500	4.3966
26B	541-73-1	1,3-DICHLOROBENZENE	4/20	2.0000	3.0000	.4500	4.2480
27B	106-46-7	1,4-DICHLOROBENZENE	1/20	2.0000	2.0000	.1000	4.7760
62B	86-30-6	N-NITROSODIPHENYLAMINE	2/20	2.0000	2.0000	.2000	4.5622
3		ARSENIC	20/20	2.0000	26.0000	9.6000	7.7752
4		BARIUM	20/20	84.0000	2870.0000	842.6500	605.6337
5		BERYLLIUM	5/20	3.0000	5.0000	.9000	2.7231
6		CADMIUM	20/20	3.0000	24.0000	10.9000	9.1619
7		CALCIUM	20/20	125000.0000	549000.0000	423091.2500	387883.9487
8		CHROMIUM	19/20	13.0000	89.0000	40.3500	33.1266
9		COBALT	20/20	5.0000	105.0000	31.1000	22.7076
10		COPPER	20/20	31.0000	618.0000	159.6000	114.1030
11		IRON	20/20	5794.0000	44300.0000	27909.7000	24939.4680
12		LEAD	20/20	13.0000	260.0000	97.4000	73.0036
13		MAGNESIUM	20/20	34200.0000	151000.0000	91048.5000	82811.3474
14		MANGANESE	20/20	552.0000	9460.0000	3916.6000	2982.4125
15		MERCURY	5/20	.2000	.5000	.0700	.1270
16		NICKEL	20/20	30.0000	144.0000	71.2000	63.6209
17		POTASSIUM	20/20	2580.0000	8920.0000	4375.3500	4120.7928
19		SILVER	1/20	6.0000	6.0000	.3000	5.0457
20		SODIUM	20/20	3300.0000	37900.0000	10944.1000	7946.6157
23		VANADIUM	18/20	12.0000	54.0000	26.7500	26.6381
24		ZINC	20/20	62.0000	2020.0000	566.4500	384.4664

001048

STATISTICAL ANALYSIS FOR SAMPLE TYPE: STATISTICAL SUMMARY - ROUND 4 MONITORING WELL SAMPLES

PP NO	CAS NO	COMPOUND	# OF DEFECTS / # OF SAMPLES	MINIMUM DETECTED CONC.	MAXIMUM DETECTED CONC.	AVERAGE	GEOMETRIC MEAN
4V	71-43-2	BENZENE	1/20	.5000	.5000	.0250	2.3067
84V	108-88-3	TOLUENE	5/20	.3000	1.0000	.1400	1.6779
7V	108-90-7	CHLOROBENZENE	2/20	.0460	.2200	.0133	1.8150
11V	71-55-6	1,1,1-TRICHLOROETHANE	11/20	15.0000	760.0000	148.4500	26.2941
14V	79-00-5	1,1,2-TRICHLOROETHANE	8/20	.0130	3.7000	.1932	.4904
10V	75-34-3	1,1-DICHLOROETHANE	11/20	.1200	16.0000	3.5285	2.7433
85V	127-18-4	TETRACHLOROETHENE	1/20	51.0000	51.0000	2.5500	2.9068
87V	79-01-6	TRICHLOROETHENE	4/20	5.9000	2800.0000	141.1700	4.1876
30V	156-60-5	TRANS-1,2-DICHLOROETHENE	1/20	.9300	.9300	.0465	2.3793
29V	75-35-4	1,1-DICHLOROETHENE	11/20	.4600	6.1000	1.6455	2.3556
88V	75-01-4	VINYL CHLORIDE	1/20	.0600	.0600	.0030	4.0080
23V	67-66-3	CHLOROFORM	3/20	.0260	.1300	.0095	1.3823
48V	75-27-4	BROMODICHLOROMETHANE	2/20	.0210	.0240	.0022	1.5605
19V	110-75-8	2-CHLOROETHYL VINYL ETHER	1/20	60.0000	60.0000	3.0000	5.6614
	95-50-1	1,2-DICHLOROBENZENE	1/20	.0260	.0260	.0013	.0000
	541-73-1	1,3-DICHLOROBENZENE	2/20	.0200	.0410	.0030	.0000
	106-46-7	1,4-DICHLOROBENZENE	8/20	.0160	.9100	.0540	.0000
1		ALUMINUM	20/20	1460.0000	279000.0000	50845.0000	23909.3975
3		ARSENIC	1/20	41.3000	41.3000	2.0650	5.5567
4		BARIUM	20/20	120.0000	5230.0000	871.1000	481.3752
5		BERYLLIUM	20/20	1.1000	22.6000	4.2550	2.7653
6		CADMIUM	3/20	4.7000	21.4000	1.7700	3.0676
7		CALCIUM	20/20	71400.0000	207000.0000	462050.0000	294837.9301
8		CHROMIUM	20/20	37.8000	479.0000	127.2350	99.8653
9		COBALT	18/20	7.5000	377.0000	56.6500	32.8259
10		COPPER	20/20	9.5000	2110.0000	354.8650	123.5722
11		IRON	20/20	2530.0000	666000.0000	114154.0000	50061.8846
12		LEAD	18/20	4.5000	631.0000	110.6650	34.5471
13		MAGNESIUM	20/20	10900.0000	500000.0000	122605.0000	78085.4591
14		MANGANESE	20/20	132.0000	19800.0000	3268.7000	1554.8366
15		MERCURY	3/20	.4000	.7000	.0850	.1292
16		NICKEL	20/20	8.9000	606.0000	120.9450	75.1561
17		POTASSIUM	20/20	1710.0000	35300.0000	10588.5000	8052.3496
19		SILVER	11/20	4.1000	8.9000	2.7400	4.9241
20		SODIUM	19/20	2110.0000	50800.0000	11199.5000	7690.3500
23		VANADIUM	20/20	4.5000	574.0000	107.5800	51.0932
24		ZINC	20/20	24.6000	7580.0000	1257.8350	367.0813

001049

STATISTICAL ANALYSIS FOR SAMPLE TYPE: UPGRADIENT MONITORING WELL SAMPLES - INORGANIC RESULTS

PP NO	CAS NO	COMPOUND	# OF DETECTS / # OF SAMPLES	MINIMUM DETECTED CONC.	MAXIMUM DETECTED CONC.	AVERAGE	GEOMETRIC MEAN
1		ALUMINUM	1/2	58900.0000	58900.0000	29450.0000	2426.9322
3		ARSENIC	1/2	8.0000	8.0000	4.0000	6.3245
4		BARIUM	2/2	829.0000	1490.0000	1159.5000	1111.4000
5		BERYLLIUM	2/2	4.0000	4.6000	4.3000	4.2895
6		CADMIUM	1/2	20.0000	20.0000	10.0000	7.0710
7		CALCIUM	2/2	439000.0000	549000.0000	494000.0000	490928.7117
8		CHROMIUM	2/2	89.0000	171.0000	130.0000	123.3653
9		COBALT	2/2	63.1000	65.0000	64.0500	64.0429
10		COPPER	2/2	384.0000	406.0000	395.0000	394.8468
11		IRON	2/2	33600.0000	159000.0000	96300.0000	73091.7231
12		LEAD	2/2	125.0000	170.0000	147.5000	145.7737
13		MAGNESIUM	2/2	143000.0000	151000.0000	147000.0000	146945.5681
14		MANGANESE	2/2	3170.0000	8340.0000	5755.0000	5141.7701
16		NICKEL	2/2	140.0000	143.0000	141.5000	141.4920
17		POTASSIUM	2/2	6100.0000	12900.0000	9500.0000	8870.7384
19		SILVER	2/2	5.2000	6.0000	5.6000	5.5856
20		SODIUM	2/2	9010.0000	9370.0000	9190.0000	9188.2370
23		VANADIUM	2/2	45.0000	129.0000	87.0000	76.1905
24		ZINC	2/2	753.0000	917.0000	835.0000	830.9638

001050

STATISTICAL ANALYSIS FOR SAMPLE TYPE: SITE MONITORING WELL SAMPLES - INORGANIC RESULTS

PP NO.	CAS NO	COMPOUND	# OF DETECTS / # OF SAMPLES	MINIMUM DETECTED CONC.	MAXIMUM DETECTED CONC.	AVERAGE	GEOMETRIC MEAN
1		ALUMINUM	15/30	1460.0000	279000.0000	28072.3333	1543.6788
3		ARSENIC	15/30	2.0000	24.0000	3.9667	5.7069
4		BARIUM	30/30	120.0000	5230.0000	1003.2667	668.1618
5		BERYLLIUM	19/30	1.1000	22.6000	2.8267	2.7949
6		CADMIUM	18/30	3.0000	24.0000	6.8467	5.6228
7		CALCIUM	30/30	71400.0000	2070000.0000	449160.8333	326978.9787
8		CHROMIUM	29/30	14.0000	479.0000	87.8133	60.5342
9		COBALT	28/30	7.0000	377.0000	48.8333	30.1354
10		COPPER	30/30	9.5000	2110.0000	295.3767	125.3819
11		IRON	30/30	2530.0000	666000.0000	77575.8000	35711.9832
12		LEAD	28/30	4.8000	631.0000	117.9633	55.5595
13		MAGNESIUM	30/30	10900.0000	500000.0000	102932.2000	74243.4614
14		MANGANESE	30/30	132.0000	19800.0000	3939.0333	2276.9473
15		MERCURY	7/30	.2000	.7000	.0933	.1341
16		NICKEL	30/30	8.9000	606.0000	97.3867	66.2096
17		POTASSIUM	30/30	1710.0000	35300.0000	7475.9000	5499.5702
19		SILVER	8/30	4.1000	8.9000	1.3367	4.9599
20		SODIUM	29/30	2110.0000	50800.0000	10769.4000	7296.0930
23		VANADIUM	28/30	4.5000	574.0000	72.1767	36.9009
24		ZINC	30/30	24.6000	7580.0000	1116.4300	469.1611

001051

STATISTICAL ANALYSIS FOR SAMPLE TYPE: "BACKGROUND" MONITORING WELL SAMPLES - INORGANIC RESULTS

PP NO	CAS NO	COMPOUND	# OF DETECTS / # OF SAMPLES	MINIMUM DETECTED CONC.	MAXIMUM DETECTED CONC.	AVERAGE	GEOMETRIC MEAN
1		ALUMINUM	5/10	5630.0000	70300.0000	17473.0000	1554.0551
3		ARSENIC	6/10	8.0000	41.3000	11.4300	10.0428
4		BARIUM	10/10	84.0000	1490.0000	417.7000	284.9329
5		BERYLLIUM	6/10	1.1000	4.6000	1.8300	2.5972
6		CADMIUM	5/10	4.0000	20.0000	4.8000	4.4433
7		CALCIUM	10/10	128000.0000	718000.0000	422800.0000	374119.9127
8		CHROMIUM	10/10	13.0000	185.0000	71.7300	49.3379
9		COBALT	10/10	5.0000	65.0000	29.0000	20.3021
10		COPPER	10/10	37.0000	406.0000	142.8000	100.8628
11		IRON	10/10	10800.0000	159000.0000	51400.0000	34225.2677
12		LEAD	10/10	4.5000	170.0000	62.2400	37.0881
13		MAGNESIUM	10/10	38200.0000	218000.0000	118510.0000	102175.1783
14		MANGANESE	10/10	552.0000	8340.0000	2553.5000	1821.5706
15		MERCURY	1/10	.3000	.3000	.0300	.1116
16		NICKEL	10/10	34.0000	198.0000	92.1300	78.7708
17		POTASSIUM	10/10	3790.0000	17800.0000	7500.0000	6619.4294
19		SILVER	4/10	4.6000	6.0000	2.0700	5.0593
20		SODIUM	10/10	3430.0000	27100.0000	11979.0000	9615.8027
23		VANADIUM	10/10	12.0000	147.0000	52.1300	36.8658
24		ZINC	10/10	56.8000	917.0000	299.2800	192.8747

001052

STATISTICAL ANALYSIS FOR SAMPLE TYPE: SOURCE MONITORING WELLS - INORGANIC RESULTS

PP NO	CAS NO	COMPOUND	# OF DETECTS / # OF SAMPLES	MINIMUM DETECTED CONC.	MAXIMUM DETECTED CONC.	AVERAGE	GEOMETRIC MEAN
1		ALUMINUM	6/12	1460.0000	135000.0000	22338.3333	1383.5874
3		ARSENIC	6/12	2.0000	10.0000	2.5000	4.6873
4		BARIUM	12/12	120.0000	2250.0000	861.0000	635.3112
5		BERYLLIUM	8/12	1.5000	11.3000	2.5417	2.8821
6		CADMIUM	9/12	4.7000	24.0000	9.8667	7.6577
7		CALCIUM	12/12	71400.0000	1420000.0000	453377.0833	345656.9481
8		CHROMIUM	11/12	34.0000	194.0000	71.5750	53.5497
9		COBALT	10/12	12.0000	148.0000	38.3417	32.1944
10		COPPER	12/12	9.5000	1920.0000	330.0167	132.3080
11		IRON	12/12	2530.0000	328000.0000	65164.5000	30329.8553
12		LEAD	11/12	9.8000	449.0000	143.2333	76.2237
13		MAGNESIUM	12/12	10900.0000	370000.0000	101063.8333	70529.0192
14		MANGANESE	12/12	132.0000	10300.0000	3793.5000	2262.1135
15		MERCURY	3/12	.2000	.4000	.0667	.1259
16		NICKEL	12/12	8.9000	280.0000	83.9083	61.0822
17		POTASSIUM	12/12	1710.0000	19900.0000	6914.7500	5433.8257
19		SILVER	4/12	4.2000	8.9000	1.8917	5.1352
20		SODIUM	12/12	2880.0000	35100.0000	10659.3333	7351.2928
23		VANADIUM	11/12	4.5000	302.0000	58.9333	32.4201
24		ZINC	12/12	24.6000	7130.0000	1360.8833	573.1919

001053

STATISTICAL ANALYSIS FOR SAMPLE TYPE: BYRON BARREL AND DRUM SITE - RESIDENTIAL WELL SAMPLES

WELL NO.	CAS NO.	COMPOUND	# OF DETECTS / # OF SAMPLES	MINIMUM DETECTED CONC.	MAXIMUM DETECTED CONC.	AVERAGE	GEOMETRIC MEAN
90W	127-18-4	TETRACHLOROETHENE	1/10	.2500	.2500	.0250	1.9858
89W	79-01-6	TRICHLOROETHENE	1/10	.3200	.3200	.0320	2.0354
19	56-23-5	CARBON TETRACHLORIDE	1/10	.0094	.0094	.0009	1.4304
1		ALUMINUM	2/10	67.2000	219.0000	28.6200	103.9396
2		ANTIMONY	3/10	40.6000	54.2000	13.5500	33.8218
3		ARSENIC	1/10	5.0000	5.0000	.5000	5.0000
4		BARIUM	5/10	28.0000	241.0000	57.9500	96.4367
7		CALCIUM	5/10	62600.0000	302000.0000	60800.0000	15760.8191
9		COPALT	1/10	18.8000	18.8000	1.8800	24.2975
11		IRON	5/10	63.8000	5180.0000	972.6800	169.1831
12		LEAD	2/10	1.6000	4.0000	.5600	2.5059
13		MAGNESIUM	5/10	19100.0000	52200.0000	14790.0000	8306.0005
14		MANGANESE	4/10	9.6000	309.0000	38.3000	14.4989
17		POTASSIUM	2/10	1110.0000	1420.0000	253.0000	2178.2771
20		SODIUM	5/10	2750.0000	15800.0000	4955.0000	4611.7788
24		ZINC	2/10	21.8000	25.0000	4.6800	11.8478

001054

STATISTICAL ANALYSIS FOR SAMPLE TYPE: RYFON BARREL AND DRUM SITE - SEDIMENT SAMPLES

PP NO	CAS NO	COMPOUND	# OF DEFECTS / # OF SAMPLES	MINIMUM DETECTED CONC.	MAXIMUM DETECTED CONC.	AVERAGE	GEOMETRIC MEAN
	67-64-1	ACETONE	2/18	250.0000	270.0000	28.8889	7.7553
	78-95-5	2-BUTANONE	5/18	13.0000	73.0000	10.6667	8.4732
	108-10-1	4-METHYL-2-PENTANONE	1/18	10.0000	10.0000	.5556	5.1962
84V	108-88-3	TOLUENE	5/18	.7000	1600.0000	139.4278	4.8372
	100-42-5	STYRENE	1/18	1.0000	1.0000	.0556	2.3759
11V	71-55-6	1,1,1-TRICHLOROETHANE	1/18	32.0000	32.0000	1.7778	2.8803
10V	75-34-3	1,1-DICHLOROETHANE	2/18	4.0000	19.0000	1.2778	2.8721
92F	50-29-3	4,4'-DDT	2/4	28.0000	1000.0000	257.0000	36.5876
	72-54-8	4,4'-DDD	2/4	19.0000	220.0000	59.7500	22.7425
98F	72-20-8	ENDRIN	1/4	110.0000	110.0000	27.5000	15.4051
92F	1031-07-8	ENDOSUFAN SULFATE	1/4	84.0000	84.0000	21.0000	14.4008
99F	60-57-1	DIELDRIN	3/4	34.0000	530.0000	173.5000	65.7956
1		ALUMINUM	3/4	1410.0000	2680.0000	1635.0000	310.1915
3		ARSENIC	4/4	2.3000	12.1000	6.2750	4.8153
4		BARIUM	4/4	30.0000	157.7000	75.3000	61.6077
5		BERYLLIUM	3/4	.4000	.6000	.3500	.5566
7		CALCIUM	4/4	21702.0000	44815.0000	30036.2500	28670.2157
8		CHROMIUM	4/4	4.5000	51.5000	16.8250	9.2522
10		COPPER	4/4	12.6000	40.0000	21.4500	19.2934
11		IRON	4/4	3180.0000	6000.0000	4767.5000	4620.2642
12		LEAD	4/4	5.3000	13.7000	9.1250	8.6341
13		MAGNESIUM	4/4	1745.0000	10259.0000	6196.0000	5171.7302
14		MANGANESE	4/4	1.7000	227.7000	125.2750	51.6941
16		NICKEL	2/4	6.3000	8.1000	3.6000	2.6727
17		POTASSIUM	1/4	430.0000	430.0000	107.5000	4.5537
18		SELENIUM	1/4	1.7000	1.7000	.4250	1.1418
23		VANADIUM	3/4	4.5000	9.4000	5.3250	4.2062
24		ZINC	4/4	56.6000	75.2000	66.2750	65.9153

001055

STATISTICAL ANALYSIS FOR SAMPLE TYPE: BYRON BARREL AND DRUM SITE - SURFACE WATER SAMPLES

LT NO	CAS NO	COMPOUND	N OF DETECTS / N OF SAMPLES	MINIMUM DETECTED CONC.	MAXIMUM DETECTED CONC.	AVERAGE	GEOMETRIC MEAN
109	108-88-3	TOLUENE	2/15	3.0000	9.0000	.8000	2.7561
119	71-55-6	1,1,1-TRICHLOROETHANE	1/15	7.0000	7.0000	.4667	2.6776
109	75-34-3	1,1-DICHLOROETHANE	2/15	11.0000	30.0000	2.7333	3.2567
309	156-60-5	TRANS-1,2-DICHLOROETHENE	1/15	2.0000	2.0000	.1333	2.4630
109	74-87-3	CHLOROMETHANE	2/15	14.0000	39.0000	3.5333	6.1412
	75-15-0	CARBON DISULFIDE	3/15	4.0000	13.0000	1.7333	3.1350
698	117-84-0	DI-N-OCTYL PHTHALATE	2/2	3.0000	4.0000	3.5000	3.4641
650	108-95-2	PHENOL	1/2	13.0000	13.0000	6.5000	8.0622
	106-44-5	4-METHYLPHENOL	2/2	8.0000	62.0000	35.0000	22.2710
1		ALUMINUM	1/2	4820.0000	4820.0000	2410.0000	694.2621
3		ARSENIC	2/2	9.8000	31.9000	20.8500	17.6810
4		BARIUM	1/2	818.0000	818.0000	409.0000	286.0069
7		CALCIUM	2/2	98600.0000	397000.0000	247800.0000	197848.9322
9		COBALT	1/2	1540.0000	1540.0000	770.0000	196.2141
10		COPPER	1/2	97.0000	97.0000	48.5000	34.8209
11		IRON	1/2	29100.0000	29100.0000	14550.0000	1206.2338
12		LEAD	1/2	28.2000	28.2000	14.1000	8.3964
13		MAGNESIUM	2/2	28500.0000	41600.0000	35050.0000	34432.5427
14		MANGANESE	2/2	677.0000	899.0000	788.0000	780.1429
16		NICKEL	1/2	17.0000	17.0000	8.5000	18.4390
17		POTASSIUM	1/2	3950.0000	3950.0000	1975.0000	3142.4512
20		SODIUM	2/2	3080.0000	4750.0000	3915.0000	3824.9182
23		VANADIUM	2/2	23.0000	51.0000	37.0000	34.2490
24		ZINC	1/2	391.0000	391.0000	195.5000	62.5290

001056

Soil-gas Survey Results

886100

001057

RYKON BARREL AND DRUM SITE - SOIL-GAS SURVEY RESULTS

SAMPLE NUMBER:	BS-SG002-1	BS-SG003-1	BS-SG004-1	BS-SG005-1	BS-SG007-1	BS-SG008-1	BS-SG010-1
DESCRIPTION:	R1-B2	R1-B3	R2-B1	R2-B2	R3-B1	R3-B2	R3-B4
UNITS:	PPM	PPM	PPM	PPM	PPM	PPM	PPM
DATE SAMPLED:	07/20/88	07/20/88	07/20/88	07/20/88	07/20/88	07/20/88	07/20/88

*** VOLATILES ***

PP	CAS NO	COMPOUND						
57-64-1		HNU READING	0	0	0	0	0	0

SAMPLE NUMBER:	BS-SG012-1	BS-SG013-1	BS-SG014-1	BS-SG015-1	BS-SG016-1	BS-SG017-1	BS-SG018-1
DESCRIPTION:	R4-B2	R4-B3	R4-B4	R4-B5	R5-B1	R5-B2	R5-B3
UNITS:	PPM	PPM	PPM	PPM	PPM	PPM	PPM
DATE SAMPLED:	07/20/88	07/20/88	07/20/88	07/20/88	07/20/88	07/20/88	07/20/88

*** VOLATILES ***

PP	CAS NO	COMPOUND						
57-64-1		HNU READING	0	0	0	0	0	0

SAMPLE NUMBER:	BS-SG019-1	BS-SG020-1	BS-SG021-1	BS-SG022-1	BS-SG023-1	BS-SG024-1	BS-SG025-1
DESCRIPTION:	R5-B4	R5-B5	R5-B6	R6-B1	R6-B2	R6-B3	R6-B4
UNITS:	PPM	PPM	PPM	PPM	PPM	PPM	PPM
DATE SAMPLED:	07/20/88	07/20/88	07/20/88	07/21/88	07/21/88	07/21/88	07/21/88

OLATILES ***

CAS NO	COMPOUND						
57-64-1	HNU READING	0	0	0	0	0	0

001058

BYRON BARREL AND DRUM SITE - SOIL-GAS SURVEY RESULTS

SAMPLE NUMBER:	RS-SG026-1	RS-SG027-1	RS-SG030-1	RS-SG031-1	RS-SG032-1	RS-SG033-1	RS-SG034-1
DESCRIPTION:	R6-B5	R6-B6	R7-B3	R7-B4	R7-B5	R7-B6	R8-B3
UNITS:	PPM	PPM	PPM	PPM	PPM	PPM	PPM
DATE SAMPLED:	07/21/88	07/21/88	07/26/88	07/21/88	07/21/88	07/21/88	07/21/88

*** VOLATILES ***

PF	CAS NO	COMPOUND						
57-64-1		HNU READING	0	0	0	0	0	0

SAMPLE NUMBER:	RS-SG037-1	RS-SG038-1	RS-SG040-1	RS-SG041-1	RS-SG042-1	RS-SG043-1	RS-SG046-1
DESCRIPTION:	R8B4	R8-B5	R9-B2	R9-B3	R9-B4	R9-B5	R10-B3
UNITS:	PPM	PPM	PPM	PPM	PPM	PPM	PPM
DATE SAMPLED:	07/21/88	07/21/88	07/26/88	07/26/88	07/26/88	07/26/88	07/26/88

*** VOLATILES ***

PF	CAS NO	COMPOUND						
57-64-1		HNU READING	5	0	0	0	0	0

SAMPLE NUMBER:	RS-SG047-1	RS-SG048-1	RS-SG049-1	RS-SG050-1	RS-SG051-1	RS-SG054-1	RS-SG055-1
DESCRIPTION:	R10-B4	R10-B5	R10-B6	R11-B1	R11-B2	R11-B5	R11-B6
UNITS:	PPM	PPM	PPM	PPM	PPM	PPM	PPM
DATE SAMPLED:	07/26/88	07/26/88	07/26/88	07/27/88	07/27/88	07/27/88	07/27/88

*** VOLATILES ***

PF	CAS NO	COMPOUND						
57-64-1		HNU READING	0	0	0	0	0	0

BYRON BARREL AND DRUM SITE - SOIL-GAS SURVEY RESULTS

SAMPLE NUMBER:	BS-SG056-1	BS-SG057-1	BS-SG059-1	BS-SG060-1	BS-SG061-1	BS-SG062-1	BS-SG063-1
DESCRIPTION:	R11-B7	R11-B8	R12-B2	R12-B3	R12-B4	R12-B5	R12-B6
UNITS:	PPM	PPM	PPM	PPM	PPM	PPM	PPM
DATE SAMPLED:	07/27/88	07/27/88	07/27/88	07/27/88	07/27/88	07/27/88	07/27/88

*** VOLATILES ***

PP	CAS NO	COMPOUND					
57-64-1		HNU READING	0	0	11	0	0

SAMPLE NUMBER:	BS-SG064-1	BS-SG065-1	BS-SG066-1	BS-SG067-1	BS-SG068-1	BS-SG069-1	BS-SG071-1
DESCRIPTION:	R12-B7	R12-B8	R13-B1	R13-B2	R13-B3	R13-B4	R13-B6
UNITS:	PPM	PPM	PPM	PPM	PPM	PPM	PPM
DATE SAMPLED:	07/27/88	07/27/88	07/27/88	07/27/88	07/27/88	07/27/88	07/28/88

*** VOLATILES ***

PP	CAS NO	COMPOUND					
57-64-1		HNU READING	0	0	0.5	4	0.1

SAMPLE NUMBER:	BS-SG073-1	BS-SG074-1	BS-SG075-1	BS-SG076-1	BS-SG077-1	BS-SG078-1	BS-SG079-1
DESCRIPTION:	R13-B8	R14-B1	R14-B2	R14-B3	R14-B4	R14-B5	R14-B6
UNITS:	PPM	PPM	PPM	PPM	PPM	PPM	PPM
DATE SAMPLED:	07/28/88	07/28/88	07/28/88	07/28/88	07/28/88	07/28/88	07/28/88

*** VOLATILES ***

PP	CAS NO	COMPOUND					
57-64-1		HNU READING	0	0.1	1	0	0

001030

BYRON BARREL AND DRUM SITE - SOIL-GAS SURVEY RESULTS

SAMPLE NUMBER:	BS-SG080-1	BS-SG082-1	BS-SG083-1	BS-SG084-1	BS-SG085-1	BS-SG086-1	BS-SG087-1
DESCRIPTION:	R14-B7	R15-B2	R15-B3	R15-B4	R15-B5	R15-B6	R15-B7
UNITS:	PPM	PPM	PPM	PPM	PPM	PPM	PPM
DATE SAMPLED:	07/28/88	07/28/88	07/28/88	07/28/88	07/28/88	07/28/88	07/28/88

*** VOLATILES ***

PP	CAS NO	COMPOUND

57-64-1	HNU READING	0.1	0	0	0	0	0

SAMPLE NUMBER:	BS-SG088-1	BS-SG089-1	BS-SG090-1	BS-SG091-1	BS-SG092-1	BS-SG093-1	BS-SG094-1
DESCRIPTION:	R16-B1	R16-B2	R16-B3	R16-B4	R16-B5	R16-B6	R16-B7
UNITS:	PPM	PPM	PPM	PPM	PPM	PPM	PPM
DATE SAMPLED:	07/28/88	07/28/88	07/28/88	07/28/88	07/28/88	07/28/88	07/28/88

*** VOLATILES ***

PP	CAS NO	COMPOUND

57-64-1	HNU READING	0	0	0	0	0	0

SAMPLE NUMBER:	BS-SG096-1	BS-SG097-1	BS-SG098-1	BS-SG099-1	BS-SG100-1	BS-SG101-1	BS-SG107-1
DESCRIPTION:	R17-B2	R17-B3	R17-B4	R17-B5	R17-B6	R17-B7	R18-B6
UNITS:	PPM	PPM	PPM	PPM	PPM	PPM	PPM
DATE SAMPLED:	07/29/88	07/29/88	07/29/88	07/29/88	07/29/88	07/29/88	07/29/88

*** VOLATILES ***

PP	CAS NO	COMPOUND

57-64-1	HNU READING	0	0	0	0	0	0

BYRON BARREL AND DRUM SITE - SOIL-GAS SURVEY RESULTS

SAMPLE NUMBER:	BS-SG108-1	BS-SG110-1	BS-SG111-1	BS-SG112-1	BS-SG114-1	BS-SG115-1	BS-SG116-1
DESCRIPTION:	R18-B7	R19-B2	R19-B3	R19-B4	R19-B6	R19-B7	R20-B1
UNITS:	PPM	PPM	PPM	PPM	PPM	PPM	PPM
DATE SAMPLED:	07/29/88	07/29/88	07/29/88	07/29/88	07/29/88	07/29/88	07/29/88

*** VOLATILES ***

PP	CAS NO	COMPOUND					
57-64-1		HMU READING	0	0	0	0.1	0

SAMPLE NUMBER:	BS-SG117-1	BS-SG118-1	BS-SG119-1	BS-SG121-1	BS-SG122-1	BS-SG124-1	BS-SG125-1
DESCRIPTION:	R20-B2	R20-B3	R20-B4	R20-B6	R20-B7	R21-B2	R21-B3
UNITS:	PPM	PPM	PPM	PPM	PPM	PPM	PPM
DATE SAMPLED:	07/29/88	07/29/88	07/29/88	07/29/88	07/29/88	07/29/88	07/29/88

*** VOLATILES ***

PP	CAS NO	COMPOUND					
57-64-1		HMU READING	0	0	0	0	0.1

SAMPLE NUMBER:	BS-SG126-1	BS-SG127-1	BS-SG129-1	BS-SG130-1	BS-SG131-1	BS-SG132-1	BS-SG133-1
DESCRIPTION:	R21-B4	R21-B5	R21-B7	R22-B1	R22-B2	R22-B3	R22-B4
UNITS:	PPM	PPM	PPM	PPM	PPM	PPM	PPM
DATE SAMPLED:	07/29/88	07/29/88	07/29/88	08/02/88	08/02/88	08/02/88	08/02/88

*** VOLATILES ***

PP	CAS NO	COMPOUND					
57-64-1		HMU READING	0	0	1	0	0

150029

RYKON BARREL AND DRUM SITE - SOIL-GAS SURVEY RESULTS

SAMPLE NUMBER:	RS-SG134-1	RS-SG136-1	RS-SG137-1	RS-SG138-1	RS-SG139-1	RS-SG140-1	RS-SG141-1
DESCRIPTION:	R22-B5	R22-B7	R22-B8	R23-B1	R23-B2	R23-B3	R23-B4
UNITS:	PPM	PPM	PPM	PPM	PPM	PPM	PPM
DATE SAMPLED:	08/02/88	08/02/88	08/02/88	08/02/88	08/02/88	08/02/88	08/02/88

*** VOLATILES ***

FP	CAS NO	COMPOUND						
57-64-1		HNU READING	0	0	0	0	0	0

SAMPLE NUMBER:	RS-SG142-1	RS-SG143-1	RS-SG144-1	RS-SG145-1	RS-SG149-1	RS-SG150-1	RS-SG151-1
DESCRIPTION:	R23-B5	R23-B6	R23-B7	R23-B8	R24-B4	R24-B5	R24-B6
UNITS:	PPM	PPM	PPM	PPM	PPM	PPM	PPM
DATE SAMPLED:	08/02/88	08/02/88	08/02/88	08/02/88	08/03/88	08/03/88	08/03/88

*** VOLATILES ***

FP	CAS NO	COMPOUND						
57-64-1		HNU READING	0	0	0	0	0	0

SAMPLE NUMBER:	RS-SG152-1	RS-SG153-1	RS-SG154-1	RS-SG161-1	RS-SG162-1	RS-SG169-1	RS-SG170-1
DESCRIPTION:	R24-B7	R24-B8	R24-B9	R25-B7	R25-B8	R26-B7	R26-B8
UNITS:	PPM	PPM	PPM	PPM	PPM	PPM	PPM
DATE SAMPLED:	08/03/88	08/03/88	08/03/88	08/03/88	08/03/88	08/03/88	08/03/88

*** VOLATILES ***

FP	CAS NO	COMPOUND						
57-64-1		HNU READING	0	0	0	0	0	0

RYRON BARREL AND DRUM SITE - SOIL-GAS SURVEY RESULTS

SAMPLE NUMBER:	RS-SG174-1	RS-SG175-1	RS-SG177-1	RS-SG178-1	RS-SG182-1	RS-SG183-1	RS-SG184-1
DESCRIPTION:	R27-B4	R27-B5	R27-B7	R27-B8	R28-B4	R28-B5	R28-B6
UNITS:	PPM	PPM	PPM	PPM	PPM	PPM	PPM
DATE SAMPLED:	08/03/88	08/03/88	08/03/88	08/03/88	08/03/88	08/03/88	08/03/88

*** VOLATILES ***

PP	CAS NO	COMPOUND						
	57-64-1	HNU READING	0	0	0	0	0	0

SAMPLE NUMBER:	RS-SG185-1	RS-SG193-1	RS-SG194-1	RS-SG196-1	RS-SG206-1	RS-SG207-1	RS-SG216-1
DESCRIPTION:	R28-B7	R29-B4	R29-B5	R29-B7	R30-B6	R30-B7	R31-B5
UNITS:	PPM	PPM	PPM	PPM	PPM	PPM	PPM
DATE SAMPLED:	08/03/88	08/03/88	08/03/88	08/03/88	08/03/88	08/03/88	08/03/88

*** VOLATILES ***

PP	CAS NO	COMPOUND						
	57-64-1	HNU READING	0	0	0	1	0	3

SAMPLE NUMBER:	RS-SG217-1	RS-SG218-1	RS-SG225-1	RS-SG226-1	RS-SG227-1	RS-SG228-1	RS-SG229-1
DESCRIPTION:	R31-B6	R31-B7	R32-B4	R32-B5	R32-B6	R32-B7	R32-B8
UNITS:	PPM	PPM	PPM	PPM	PPM	PPM	PPM
DATE SAMPLED:	08/03/88	08/03/88	08/03/88	08/03/88	08/03/88	08/03/88	08/03/88

*** VOLATILES ***

PP	CAS NO	COMPOUND						
	57-64-1	HNU READING	0	1	0	0	0	4

BYRON BARREL AND DRUM SITE - SOIL-GAS SURVEY RESULTS

SAMPLE NUMBER:	RS-SG232-1	RS-SG233-1	RS-SG235-1	RS-SG236-1	RS-SG237-1	RS-SG241-1	RS-SG242-1
DESCRIPTION:	R33-B3	R33-B4	R41-B10	R33-B7	R33-B8	R34-B3	R34-B4
UNITS:	PPM	PPM	PPM	PPM	PPM	PPM	PPM
DATE SAMPLED:	08/04/88	08/04/88	08/04/88	08/04/88	08/04/88	08/04/88	08/04/88

*** VOLATILES ***

FF	CAS NO	COMPOUND					
57-64-1		HNU READING	0	0	0	0	0

SAMPLE NUMBER:	RS-SG247-1	RS-SG250-1	RS-SG251-1	RS-SG256-1	RS-SG259-1	RS-SG269-1	RS-SG277-1
DESCRIPTION:	R34-B9	R35-B3	R35-B4	R35-B9	R36-B3	R37-B3	R37-B11
UNITS:	PPM	PPM	PPM	PPM	PPM	PPM	PPM
DATE SAMPLED:	08/04/88	08/04/88	08/04/88	08/04/88	08/04/88	08/04/88	08/04/88

*** VOLATILES ***

FF	CAS NO	COMPOUND					
67-64-1		HNU READING	0	0	0	0	0

SAMPLE NUMBER:	RS-SG279-1	RS-SG280-1	RS-SG286-1	RS-SG287-1	RS-SG288-1	RS-SG289-1	RS-SG292-1
DESCRIPTION:	R38-B2	R38-B3	R38-B9	R38-B10	R38-B11	R38-B12	R39-B3
UNITS:	PPM	PPM	PPM	PPM	PPM	PPM	PPM
DATE SAMPLED:	08/04/88	08/04/88	08/04/88	08/04/88	08/04/88	08/04/88	08/04/88

*** VOLATILES ***

FF	CAS NO	COMPOUND					
67-64-1		HNU READING	0	0	0	0	0

BYRON BARREL AND DRUM SITE - SOIL-GAS SURVEY RESULTS

SAMPLE NUMBER:	RS-SG293-1	RS-SG298-1	RS-SG299-1	RS-SG300-1	RS-SG301-1	RS-SG302-1	RS-SG305-1
DESCRIPTION:	R39-B4	R39-B9	R39-B10	R39-B11	R39-B12	R39-B13	R40-B3
UNITS:	PPM	PPM	PPM	PPM	PPM	PPM	PPM
DATE SAMPLED:	08/04/88	08/04/88	08/04/88	08/04/88	08/04/88	08/04/88	08/04/88

*** VOLATILES ***

PP	CAS NO	COMPOUND

57-64-1	HNU READING	0	0	0	0	0	0

SAMPLE NUMBER:	RS-SG306-1	RS-SG307-1	RS-SG308-1	RS-SG309-1	RS-SG310-1	RS-SG311-1	RS-SG312-1
DESCRIPTION:	R40-B4	R40-B5	R40-B6	R40-B7	R40-B8	R40-B9	R40-B10
UNITS:	PPM	PPM	PPM	PPM	PPM	PPM	PPM
DATE SAMPLED:	08/04/88	08/04/88	08/04/88	08/04/88	08/04/88	08/04/88	08/04/88

*** VOLATILES ***

PP	CAS NO	COMPOUND

67-64-1	HNU READING	0	0	0	0	0	0

SAMPLE NUMBER:	RS-SG313-1	RS-SG314-1	RS-SG315-1	RS-SG318-1	RS-SG319-1	RS-SG322-1	RS-SG323-1
DESCRIPTION:	R40-B11	R40-B12	R40-B13	R41-B3	R41-B4	R41-B7	R41-B8
UNITS:	PPM	PPM	PPM	PPM	PPM	PPM	PPM
DATE SAMPLED:	08/04/88	08/04/88	08/04/88	08/04/88	08/04/88	08/04/88	08/04/88

*** VOLATILES ***

PP	CAS NO	COMPOUND

001066 57-64-1	HNU READING	0	0	0	0	0	0

BYRON BARREL AND DRUM SITE -- SOIL-GAS SURVEY RESULTS

SAMPLE NUMBER:	RS-SG324-1	RS-SG326-1	RS-SG327-1	RS-SG328-1	RS-SG329-1	RS-SG332-1	RS-SG333-1
DESCRIPTION:	R41-B9	R41-B11	R41-B12	R41-B13	R41-B14	R42-B3	R42-B4
UNITS:	PPM	PPM	PPM	PPM	PPM	PPM	PPM
DATE SAMPLED:	08/04/88	08/04/88	08/04/88	08/04/88	08/04/88	08/04/88	08/04/88

*** VOLATILES ***

FP	CAS NO	COMPOUND						
67-64-1		HNI READING	0	0	0	0	0	0

SAMPLE NUMBER:	RS-SG334-1	RS-SG335-1	RS-SG336-1	RS-SG337-1	RS-SG338-1	RS-SG339-1	RS-SG342-1
DESCRIPTION:	R42-B5	R42-B6	R42-B7	R42-B8	R42-B9	R42-B10	R42-B13
UNITS:	PPM	PPM	PPM	PPM	PPM	PPM	PPM
DATE SAMPLED:	08/04/88	08/04/88	08/04/88	08/04/88	08/04/88	08/04/88	08/04/88

*** VOLATILES ***

FP	CAS NO	COMPOUND						
57-64-1		HNI READING	0	0	0	0	0	0

SAMPLE NUMBER:	RS-SG343-1	RS-SG347-1	RS-SG348-1	RS-SG349-1	RS-SG351-1	RS-SG352-1	RS-SG355-1
DESCRIPTION:	R42-B14	R43-B4	R43-B5	R43-B6	R43-B8	R43-B9	R43-B12
UNITS:	PPM	PPM	PPM	PPM	PPM	PPM	PPM
DATE SAMPLED:	08/04/88	08/04/88	08/05/88	08/05/88	08/05/88	08/05/88	08/05/88

*** VOLATILES ***

FP	CAS NO	COMPOUND						
57-64-1		HNI READING	0	0	0	0	0	0

BYRON BARREL AND DRUM SITE - SOIL-GAS SURVEY RESULTS

SAMPLE NUMBER:	RS-SG356-1	RS-SG357-1	RS-SG361-1	RS-SG364-1	RS-SG365-1	RS-SG369-1	RS-SG370-1
DESCRIPTION:	R43-B13	R43-B14	R44-B4	R44-B5	R44-B8	R44-B12	R44-B13
UNITS:	PPM	PPM	PPM	PPM	PPM	PPM	PPM
DATE SAMPLED:	08/05/88	08/05/88	08/05/88	08/05/88	08/05/88	08/05/88	08/05/88

*** VOLATILES ***

PP	CAS NO	COMPOUND						
57-64-1		HNU READING	0	0	0	0	0	0

SAMPLE NUMBER:	RS-SG383-1	RS-SG384-1	RS-SG385-1	RS-SG397-1	RS-SG398-1	RS-SG399-1
DESCRIPTION:	R45-B12	R45-B13	R45-B14	R46-B12	R46-B13	R46-B14
UNITS:	PPM	PPM	PPM	PPM	PPM	PPM
DATE SAMPLED:	08/05/88	08/05/88	08/05/88	08/05/88	08/05/88	08/05/88

*** VOLATILES ***

PP	CAS NO	COMPOUND					
57-64-1		HNU READING	0	0	0	0	0

901088

Surface Soil Results

001069

RYRON BARREL AND DRUM SITE - SURFACE SOIL SAMPLE RESULTS

SAMPLE NUMBER:	RS-S0000-1B	RS-S0000-1F	RS-S0000-1T	RS-S0001-1	RS-S0001-1B	RS-S0001-1F	RS-S0001-1T
TRAFFIC REPORT NUMBER:	BT877	BT878	BQ337	BT865	BT894	BT895	BQ991
LOCATION:				SOURCE 2			
DEPTH:				0'- 0.5'			
DESCRIPTION:	BOTTLE BLANK	FIELD BLANK	TRIP BLANK		BOTTLE BLANK	FIELD BLANK	TRIP BLANK
UNITS:	UG/L	UG/L	UG/L	UG/KG	UG/L	UG/L	UG/L
DATE SAMPLED:	08/16/88	08/16/88	08/15/88	08/15/88	08/18/88	08/18/88	08/16/88

*** VOLATILES ***

PP	CAS NO	COMPOUND					

	67-64-1	ACETONE	B 14	B 14		J 11	J 10	B 11
86V	108-88-3	TOLUENE	J 1	J 1	J 1	J 1	J 1	J 1
11V	71-55-6	1,1,1-TRICHLOROETHANE						
85V	127-18-4	TETRACHLOROETHENE						
87V	79-01-6	TRICHLOROETHENE						
23V	67-66-3	CHLOROFORM						
44V	75-09-2	METHYLENE CHLORIDE		B 1				

001070

RYKON BARREL AND DRUM SITE - SURFACE SOIL SAMPLE RESULTS

SAMPLE NUMBER:	RS-S0000-1B	RS-S0000-1F	RS-S0000-1T	RS-S0001-1	RS-S0001-1B	RS-S0001-1F	RS-S0001-1T
TRAFFIC REPORT NUMBER:	BT877	BT878	BQ337	BT865	BT894	BT895	BQ991
LOCATION:				SOURCE 2			
DEPTH:			NA	0'- 0.5'			NA
DESCRIPTION:	BOTTLE BLANK	FIELD BLANK	TRIP BLANK		BOTTLE BLANK	FIELD BLANK	TRIP BLANK
UNITS:	UG/L	UG/L	UG/L	UG/KG	UG/L	UG/L	UG/L
DATE SAMPLED:	08/16/88	08/16/88	08/15/88	08/15/88	08/18/88	08/18/88	08/16/88

*** BASE/NEUTRALS ***

FP	CAS NO	COMPOUND
66B	117-81-7	BIS(2-ETHYLHEXYL)PHTHALATE
68B	84-74-2	DI-N-BUTYL PHTHALATE
67B	85-68-7	BUTYL BENZYL PHTHALATE
72B	56-55-3	BENZO(A)ANTHRACENE
74B	205-99-2	BENZO(B)FLUORANTHENE
73B	50-32-8	BENZO(A)PYRENE
76B	218-01-9	CHRYSENE
39B	206-44-0	FLUORANTHENE
81B	85-01-8	PHENANTHRENE
84B	129-00-0	PYRENE
	65-85-0	BENZOIC ACID

001071

BYRON BARREL AND DRUM SITE - SURFACE SOIL SAMPLE RESULTS

SAMPLE NUMBER:	BS-S0000-1B	BS-S0000-1F	BS-S0000-1T	BS-S0001-1	BS-S0001-1B	BS-S0001-1F	BS-S0001-1T
TRAFFIC REPORT NUMBER:	BT877	BT878	BQ337	BT865	BT894	BT895	BQ991
LOCATION:				SOURCE 2			
DEPTH:			NA	0' - 0.5'			NA
DESCRIPTION:	BOTTLE BLANK	FIELD BLANK	TRIP BLANK		BOTTLE BLANK	FIELD BLANK	TRIP BLANK
UNITS:	UG/L	UG/L	UG/L	UG/KG	UG/L	UG/L	UG/L
DATE SAMPLED:	08/16/88	08/16/88	08/15/88	08/15/88	08/18/88	08/18/88	08/16/88

*** ACIDS ***

FP	CAS NO	COMPOUND

NO PARAMETERS FOR THIS CATEGORY

001072

BYRON BARREL AND DRUM SITE - SURFACE SOIL SAMPLE RESULTS

SAMPLE NUMBER:	BS-S0000-1R	BS-S0000-1F	BS-S0000-1T	BS-S0001-1	BS-S0001-1R	BS-S0001-1F	BS-S0001-1T
TRAFFIC REPORT NUMBER:	BT877	BT878	RQ337	BT865	BT894	BT895	RQ991
LOCATION:				SOURCE 2			
DEPTH:			NA	0' - 0.5'			NA
DESCRIPTION:	BOTTLE BLANK	FIELD BLANK	TRIP BLANK		BOTTLE BLANK	FIELD BLANK	TRIP BLANK
UNITS:	UG/L	UG/L	UG/L	UG/KG	UG/L	UG/L	UG/L
DATE SAMPLED:	08/16/88	08/16/88	08/15/88	08/15/88	08/18/88	08/18/88	08/16/88

*** PESTICIDES ***

FP	CAS NO	COMPOUND
92P	50-29-3	4,4'-DDT
	72-54-8	4,4'-DDE
93P	72-55-9	4,4'-DDE
98P	72-20-8	ENDRIN
	53494-70	ENDRIN KETONE
97P	1031-07-8	ENDOSUFAN SULFATE
90P	60-57-1	DIELDRIN

001073

BYRON BARREL AND DRUM SITE - SURFACE SOIL SAMPLE RESULTS

SAMPLE NUMBER:	BS-S0000-1B	BS-S0000-1F	BS-S0000-1T	BS-S0001-1	BS-S0001-1B	BS-S0001-1F	BS-S0001-1T
TRAFFIC REPORT NUMBER:	MBF407	MBF408		MBN505	MBF320	MBF321	
LOCATION:				SOURCE 2			
DEPTH:			NA	0'- 0.5'			NA
DESCRIPTION:	BOTTLE BLANK	FIELD BLANK			BOTTLE BLANK	FIELD BLANK	
UNITS:	UG/L	UG/L		MG/KG	UG/L	UG/L	
DATE SAMPLED:	08/16/88	08/16/88	/ /	08/15/88	08/18/88	08/18/88	/ /

*** INORGANICS ***

PP	CAS NO	COMPOUND

1		ALUMINUM		5180.0
2		ANTIMONY	54.4	
3		ARSENIC		3.5
5		BERYLLIUM		0.71
6		CADMIUM		2.6
7		CALCIUM		1960.0
8		CHROMIUM		6.4
9		CORAL		3.7
10		COFFER	5.3	
11		IRON		9540.0
12		LEAD		9.2
13		MAGNESIUM		1680.0
14		MANGANESE		J 466.0
15		MERCURY		
16		NICKEL		6.6
17		POTASSIUM		376.0
18		SELENIUM		
20		SODIUM		56.7
23		VANADIUM		8.3
24		ZINC		J 87.4

001074

RYRON BARREL AND DRUM SITE - SURFACE SOIL SAMPLE RESULTS

SAMPLE NUMBER:	RS-S0000-1B	RS-S0000-1F	RS-S0000-1T	RS-S0001-1	RS-S0001-1B	RS-S0001-1F	RS-S0001-1T
TRAFFIC REPORT NUMBER:							
LOCATION:							
DEPTH:			NA				NA
DESCRIPTION:							
UNITS:							
DATE SAMPLED:	/ /	/ /	/ /	/ /	/ /	/ /	/ /

*** GEOCHEMICAL PARAMETERS ***

PP	CAS NO	COMPOUND

NO PARAMETERS FOR THIS CATEGORY

001075

RYRON BARREL AND DRUM SITE - SURFACE SOIL SAMPLE RESULTS

SAMPLE NUMBER:	RS-S0002-1	RS-S0002-1T	RS-S0003-1	RS-S0004-1	RS-S0005-1	RS-S0006-1	RS-S0007-1
TRAFFIC REPORT NUMBER:	BT866	BT900	BT867	BT868	BT869	BT870	BT871
LOCATION:	SOURCE 2		SOURCE 3	SOURCE 2	NEAR DITCH 1	SOURCE 1	SOURCE 1
DEPTH:	0'- 0.5'		0'- 0.5'	0'- 0.5'	0'- 0.5'	0'- 0.5'	0'- 0.5'
DESCRIPTION:		TRIP BLANK			BACKGROUND		
UNITS:	UG/KG	UG/L	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
DATE SAMPLED:	08/15/88	08/18/88	08/15/88	08/15/88	08/15/88	08/16/88	08/16/88

*** VOLATILES ***

PP	CAS NO	COMPOUND

	67-64-1	ACETONE	J 3	
86V	108-88-3	TOLUENE	J 1	
11V	71-55-6	1,1,1-TRICHLOROETHANE		J 2
85V	127-18-4	TETRACHLOROETHENE		J 7
87V	79-01-6	TRICHLOROETHENE		J 4
23V	67-66-3	CHLOROFORM		47
44V	75-09-2	METHYLENE CHLORIDE		J 2

001076

RYRON BARREL AND DRUM SITE - SURFACE SOIL SAMPLE RESULTS

SAMPLE NUMBER:	RS-S0002-1	RS-S0002-1T	RS-S0003-1	RS-S0004-1	RS-S0005-1	RS-S0006-1	RS-S0007-1
TRAFFIC REPORT NUMBER:	BT866	BT900	BT867	BT868	BT869	BT870	BT871
LOCATION:	SOURCE 2		SOURCE 3	SOURCE 2	NFAR DITCH 1	SOURCE 1	SOURCE 1
DEPTH:	0'- 0.5'	NA		0'- 0.5'	0'- 0.5'	0'- 0.5'	0'- 0.5'
DESCRIPTION:		TRIP BLANK			BACKGROUND		
UNITS:	UG/KG	UG/L	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
DATE SAMPLED:	08/15/88	08/18/88	08/15/88	08/15/88	08/15/88	08/16/88	08/16/88

*** BASE/NEUTRALS ***

PP	CAS NO	COMPOUND

66B	117-81-7	BIS(2-ETHYLHEXYL)PHTHALATE	J 37				
68B	84-74-2	DI-N-BUTYL PHTHALATE		J 82		J 83	J 250
67B	85-68-7	BUTYL BENZYL PHTHALATE					
72B	56-55-3	BENZO(A)ANTHRACENE					
74B	205-99-2	BENZO(B)FLUORANTHENE		J 52		J 59	J 40
73B	50-32-8	BENZO(A)PYRENE					
76B	218-01-9	CHRYSENE					
39B	206-44-0	FLUORANTHENE		J 48			
81B	85-01-8	PHENANTHRENE		J 47			
84B	129-00-0	PYRENE		J 53			
	65-85-0	BENZOIC ACID	J 40	J 48		J 490	J 40
							J 110

2201077

BYRON BARREL AND DRUM SITE - SURFACE SOIL SAMPLE RESULTS

	RS-S0002-1	RS-S0002-1T	RS-S0003-1	RS-S0004-1	RS-S0005-1	RS-S0006-1	RS-S0007-1
SAMPLE NUMBER:	BT866	BT900	BT867	BT868	BT869	BT870	BT871
TRAFFIC REPORT NUMBER:	SOURCE 2	SOURCE 3	SOURCE 2	NEAR DITCH 1	SOURCE 1	SOURCE 1	SOURCE 1
LOCATION:	0' - 0.5'	NA	0' - 0.5'	0' - 0.5'	0' - 0.5'	0' - 0.5'	0' - 0.5'
DEPTH:		TRIP BLANK			BACKGROUND		
DESCRIPTION:	UG/KG	UG/L	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
UNITS:	08/15/88	08/18/88	08/15/88	08/15/88	08/15/88	08/16/88	08/16/88
DATE SAMPLED:							

*** ACIDS ***

PP	CAS NO	COMPOUND

NO PARAMETERS FOR THIS CATEGORY

001078

RYKON BARREL AND DRUM SITE - SURFACE SOIL SAMPLE RESULTS

SAMPLE NUMBER:	BS-S0002-1	BS-S0002-1T	BS-S0003-1	BS-S0004-1	BS-S0005-1	BS-S0006-1	BS-S0007-1
TRAFFIC REPORT NUMBER:	BT866	BT900	BT867	BT868	BT869	BT870	BT871
LOCATION:	SOURCE 2		SOURCE 3	SOURCE 2	NEAR DITCH 1	SOURCE 1	SOURCE 1
DEPTH:	0'- 0.5'	NA	0'- 0.5'	0'- 0.5'	0'- 0.5'	0'- 0.5'	0'- 0.5'
DESCRIPTION:		TRIP BLANK			BACKGROUND		
UNITS:	UG/KG	UG/L	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
DATE SAMPLED:	08/15/88	08/18/88	08/15/88	08/15/88	08/15/88	08/16/88	08/16/88

*** PESTICIDES ***

PF	CAS NO	COMPOUND
92F	50-29-3	4,4'-DDT
	72-54-8	4,4'-DDD
93F	72-55-9	4,4'-DDE
98F	72-20-8	ENDRIN
	53494-70	ENDRIN KETONE
97F	1031-07-8	ENDOSUFAN SULFATE
90F	60-57-1	DIELDRIN

1800	72	77
180	27	
100		
140		
1500	41	

6201-1

BYRON BARREL AND DRUM SITE - SURFACE SOIL SAMPLE RESULTS

SAMPLE NUMBER:	BS-S0002-1	BS-S0002-1T	BS-S0003-1	BS-S0004-1	BS-S0005-1	BS-S0006-1	BS-S0007-1
TRAFFIC REPORT NUMBER:	MBN506		MBN507	MBN508	MBN509	MBN510	MBN511
LOCATION:	SOURCE 2		SOURCE 3	SOURCE 2	NEAR DITCH 1	SOURCE 1	SOURCE 1
DEPTH:	0'- 0.5'	NA	0'- 0.5'	0'- 0.5'	0'- 0.5'	0'- 0.5'	0'- 0.5'
DESCRIPTION:					BACKGROUND		
UNITS:	MG/KG		MG/KG	MG/KG	MG/KG	MG/KG	MG/KG
DATE SAMPLED:	08/15/88	/ /	08/15/88	08/15/88	08/15/88	08/16/88	08/16/88

*** INORGANICS ***

PP	CAS NO	COMPOUND					
1		ALUMINUM	3960.0	5860.0	3230.0	3160.0	2770.0
2		ANTIMONY					4610.0
3		ARSENIC	3.2	2.1	2.8	49.1	3.3
5		BERYLLIUM	0.54	0.57	0.34	0.73	0.69
6		CADMIUM	2.3	2.6	1.2	2.6	2.0
7		CALCIUM	56500.0	5510.0	108000.0	27400.0	30200.0
8		CHROMIUM	4.5	5.4	4.7	6.2	6.8
9		COBALT	2.6		2.9		2.2
10		COFFER					2.8
11		IRON	6540.0	7130.0	7660.0	6960.0	5350.0
12		LEAD	17.1	12.4		20.1	20.0
13		MAGNESIUM	16000.0	1810.0	28200.0	1740.0	8310.0
14		MANGANESE	J 284.0	J 138.0	J 583.0	J 214.0	J 195.0
15		MERCURY				J 0.19	
16		NICKEL	4.9	4.6	5.4	7.6	4.8
17		POTASSIUM	428.0	265.0	502.0	820.0	350.0
18		SELENIUM				2.6	J 0.7
20		SODIUM	87.6	39.6	118.0	39.6	96.8
23		VANADIUM	5.5	7.3	5.4	9.0	5.4
24		ZINC	J 59.2	J 60.3	J 50.0	J 85.3	J 63.1

001080

BYRON BARREL AND DRUM SITE - SURFACE SOIL SAMPLE RESULTS

SAMPLE NUMBER:	BS-S0002-1	BS-S0002-1T	BS-S0003-1	BS-S0004-1	BS-S0005-1	BS-S0006-1	BS-S0007-1
TRAFFIC REPORT NUMBER:							
LOCATION:							
DEPTH:		NA					
DESCRIPTION:							
UNITS:							
DATE SAMPLED:	/ /	/ /	/ /	/ /	/ /	/ /	/ /

*** GEOCHEMICAL PARAMETERS ***

PP	CAS NO	COMPOUND

NO PARAMETERS FOR THIS CATEGORY

1081

RYRON BARREL AND DRUM SITE - SURFACE SOIL SAMPLE RESULTS

	RS-S0008-1	RS-S0009-1	RS-S0010-1	RS-S0011-1	RS-S0011-1D	RS-S0012-1	RS-S0013-1
SAMPLE NUMBER:	BT872	BT873	BT874	BT875	BT876	BT879	BT880
TRAFFIC REPORT NUMBER:	SOURCE 1	SOURCE 1	SOURCE 1	SOURCE 1	SOURCE 1	ACCESS ROAD	ACCESS ROAD
LOCATION:	0'- 0.5'	0'- 0.5'	0'- 0.5'	0'- 0.5'	0'- 0.5'	0'- 0.5'	0'- 0.5'
DEPTH:					DUF S0011	SG ANOMALY	SG ANOMALY
DESCRIPTION:	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
UNITS:	08/16/88	08/16/88	08/16/88	08/16/88	08/16/88	08/18/88	08/18/88
DATE SAMPLED:							

*** VOLATILES ***

PP	CAS NO	COMPOUND
	67-64-1	ACETONE
86V	108-88-3	TOLUENE
11V	71-55-6	1,1,1-TRICHLOROETHANE
85V	127-18-4	TETRACHLOROETHENE
87V	79-01-6	TRICHLOROETHENE
23V	67-66-3	CHLOROFORM
44V	75-09-2	METHYLENE CHLORIDE

J 2 J 3

001082

HYRON BARREL AND DRUM SITE - SURFACE SOIL SAMPLE RESULTS

SAMPLE NUMBER:	RS-S0008-1	RS-S0009-1	RS-S0010-1	RS-S0011-1	RS-S0011-1D	RS-S0012-1	RS-S0013-1
TRAFFIC REPORT NUMBER:	BT872	BT873	BT874	BT875	BT876	BT879	BT880
LOCATION:	SOURCE 1	SOURCE 1	SOURCE 1	SOURCE 1	SOURCE 1	ACCESS ROAD	ACCESS ROAD
DEPTH:	0'- 0.5'	0'- 0.5'	0'- 0.5'	0'- 0.5'	0'- 0.5'	0'- 0.5'	0'- 0.5'
DESCRIPTION:					DUF S0011	SG ANOMALY	SG ANOMALY
UNITS:	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
DATE SAMPLED:	08/16/88	08/16/88	08/16/88	08/16/88	08/16/88	08/18/88	08/18/88

*** BASE/NEUTRALS ***

FP	CAS NO	COMPOUND

66B	117-81-7	BIS(2-ETHYLHEXYL)PHTHALATE	380	550	J 140	J 42	J 130	J 140	J 120
68B	84-74-2	DI-N-BUTYL PHTHALATE	J 67						
67B	85-68-7	BUTYL BENZYL PHTHALATE							
72B	56-55-3	BENZO(A)ANTHRACENE							
74B	205-99-2	BENZO(B)FLUORANTHENE			J 41				
73B	50-32-8	BENZO(A)PYRENE							
76B	218-01-9	CHRYSENE							
39B	206-44-0	FLUORANTHENE							
81B	85-01-8	PHENANTHRENE							
84B	129-00-0	PYRENE							
	65-85-0	BENZOIC ACID					J 75		J 77

001083

BYRON BARREL AND DRUM SITE -- SURFACE SOIL SAMPLE RESULTS

SAMPLE NUMBER:	BS-S0008-1	BS-S0009-1	BS-S0010-1	BS-S0011-1	BS-S0011-1D	BS-S0012-1	BS-S0013-1
TRAFFIC REPORT NUMBER:	BT872	BT873	BT874	BT875	BT876	BT879	BT880
LOCATION:	SOURCE 1	SOURCE 1	SOURCE 1	SOURCE 1	SOURCE 1	ACCESS ROAD	ACCESS ROAD
DEPTH:	0'- 0.5'	0'- 0.5'	0'- 0.5'	0'- 0.5'	0'- 0.5'	0'- 0.5'	0'- 0.5'
DESCRIPTION:					DUF S0011	SG ANOMALY	SG ANOMALY
UNITS:	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
DATE SAMPLED:	08/16/88	08/16/88	08/16/88	08/16/88	08/16/88	08/18/88	08/18/88

*** ACIDS ***

FF	CAS NO	COMPOUND

NO PARAMETERS FOR THIS CATEGORY

001084

RYRON BARREL AND DRUM SITE - SURFACE SOIL SAMPLE RESULTS

SAMPLE NUMBER:	RS-S0008-1	RS-S0009-1	RS-S0010-1	RS-S0011-1	RS-S0011-1D	RS-S0012-1	RS-S0013-1
TRAFFIC REPORT NUMBER:	BT872	BT873	BT874	BT875	BT876	BT879	BT880
LOCATION:	SOURCE 1	SOURCE 1	SOURCE 1	SOURCE 1	SOURCE 1	ACCESS ROAD	ACCESS ROAD
DEPTH:	0'- 0.5'	0'- 0.5'	0'- 0.5'	0'- 0.5'	0'- 0.5'	0'- 0.5'	0'- 0.5'
DESCRIPTION:					DUP S0011	SG ANOMALY	SG ANOMALY
UNITS:	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
DATE SAMPLED:	08/16/88	08/16/88	08/16/88	08/16/88	08/16/88	08/18/88	08/18/88

*** PESTICIDES ***

FP	CAS NO	COMPOUND
92P	50-29-3	4,4'-DDT
	72-54-8	4,4'-DDD
93P	72-55-9	4,4'-DDE
98P	72-20-8	ENDRIN
	53494-70	ENDRIN KETONE
97P	1031-07-8	ENDOSUFAN SULFATE
90P	60-57-1	DIELDRIN

64	27	140
18		33

001085

BYRON BARREL AND DRUM SITE -- SURFACE SOIL SAMPLE RESULTS

SAMPLE NUMBER:	RS-S0008-1	RS-S0009-1	RS-S0010-1	RS-S0011-1	RS-S0011-1D	RS-S0012-1	RS-S0013-1
TRAFFIC REPORT NUMBER:	MBF402	MBF403	MBF404	MBF405	MBF406	MBF304	MBF305
LOCATION:	SOURCE 1	SOURCE 1	SOURCE 1	SOURCE 1	SOURCE 1	ACCESS ROAD	ACCESS ROAD
DEPTH:	0'- 0.5'	0'- 0.5'	0'- 0.5'	0'- 0.5'	0'- 0.5'	0'- 0.5'	0'- 0.5'
DESCRIPTION:					RUF S0011	SG ANOMALY	SG ANOMALY
UNITS:	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG
DATE SAMPLED:	08/16/88	08/16/88	08/16/88	08/16/88	08/16/88	08/18/88	08/18/88

*** INORGANICS ***

PP	CAS NO	COMPOUND						
1		ALUMINUM	5030.0	5180.0	5590.0	3940.0	4080.0	5520.0
2		ANTIMONY						3980.0
3		ARSENIC	2.4	4.4	2.9	2.9	2.1	1.6
5		BERYLLIUM	0.72	0.72	0.37	0.55	0.51	0.6
6		CADMIUM	2.2	2.8	2.8	2.6	2.2	0.4
7		CALCIUM	9430.0	15000.0	7540.0	55600.0	37500.0	13100.0
8		CHROMIUM	6.5	10.6	7.1	6.1	7.1	6.0
9		COBALT	3.2		4.4	3.5	2.7	3.3
10		COPPER						2.4
11		IRON	7090.0	7080.0	9600.0	7620.0	6840.0	8720.0
12		LEAD	97.4	32.2	150.0	29.1	35.4	J 17.0
13		MAGNESIUM	2600.0	2580.0	1930.0	15100.0	9200.0	J 8.4
14		MANGANESE	J 195.0	J 150.0	J 202.0	J 427.0	J 253.0	316.0
15		MERCURY		J 0.25				184.0
16		NICKEL	6.5	7.5	7.0	6.1	8.6	6.9
17		POTASSIUM	288.0	343.0	392.0	512.0	470.0	502.0
18		SELENIUM			J 0.86			377.0
20		SODIUM	46.4	49.3	46.6	81.4	75.9	92.8
23		VANADIUM	8.2	11.7	9.0	5.7	6.0	J 9.1
24		ZINC	J 179.0	J 98.0	J 308.0	J 89.9	J 89.7	J 143.0
								J 47.6

001086

BYRON BARREL AND DRUM SITE - SURFACE SOIL SAMPLE RESULTS

SAMPLE NUMBER:	RS-S0008-1	RS-S0009-1	RS-S0010-1	RS-S0011-1	RS-S0011-1D	RS-S0012-1	RS-S0013-1
TRAFFIC REPORT NUMBER:							
LOCATION:							
DEPTH:							
DESCRIPTION:							
UNITS:							
DATE SAMPLED:	/ /	/ /	/ /	/ /	/ /	/ /	/ /

*** GEOCHEMICAL PARAMETERS ***

PP	CAS NO	COMPOUND

NO PARAMETERS FOR THIS CATEGORY

2801087

BYRON BARREL AND DRUM SITE - SURFACE SOIL SAMPLE RESULTS

SAMPLE NUMBER:	BS-S0014-1	BS-S0015-1	BS-S0016-1	BS-S0017-1	BS-S0018-1	BS-S0019-1	BS-S0020-1
TRAFFIC REPORT NUMBER:	BT881	BT882	BT883	BT884	BT885	BT886	BT887
LOCATION:	ACCESS ROAD	ACCESS ROAD	ACCESS ROAD	SOURCE 3	SOURCE 3	SOURCE 3	SOURCE 3
DEPTH:	0'- 0.5'	0'- 0.5'	0'- 0.5'	0'- 0.5'	0'- 0.5'	0'- 0.5'	0'- 0.5'
DESCRIPTION:	SG ANOMALY	SG ANOMALY	SG ANOMALY				
UNITS:	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
DATE SAMPLED:	08/18/88	08/18/88	08/18/88	08/18/88	08/18/88	08/18/88	08/18/88

*** VOLATILES ***

FP	CAS NO	COMPOUND
	67-64-1	ACETONE
86V	108-88-3	TOLUENE
11V	71-55-6	1,1,1-TRICHLOROETHANE
85V	127-18-4	TETRACHLOROETHENE
87V	79-01-6	TRICHLOROETHENE
23V	67-66-3	CHLOROFORM
44V	75-09-2	METHYLENE CHLORIDE

J 1

J 2

001088

BYRON BARREL AND DRUM SITE - SURFACE SOIL SAMPLE RESULTS

SAMPLE NUMBER:	BS-S0014-1	BS-S0015-1	BS-S0016-1	BS-S0017-1	BS-S0018-1	BS-S0019-1	BS-S0020-1
TRAFFIC REPORT NUMBER:	BT881	BT882	BT883	BT884	BT885	BT886	BT887
LOCATION:	ACCESS ROAD	ACCESS ROAD	ACCESS ROAD	SOURCE 3	SOURCE 3	SOURCE 3	SOURCE 3
DEPTH:	0'- 0.5'	0'- 0.5'	0'- 0.5'	0'- 0.5'	0'- 0.5'	0'- 0.5'	0'- 0.5'
DESCRIPTION:	SG ANOMALY	SG ANOMALY	SG ANOMALY				
UNITS:	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
DATE SAMPLED:	08/18/88	08/18/88	08/18/88	08/18/88	08/18/88	08/18/88	08/18/88

*** BASE/NEUTRALS ***

PP	CAS NO	COMPOUND

66B	117-81-7	BIS(2-ETHYLHEXYL)PHTHALATE
68B	84-74-2	DI-N-BUTYL PHTHALATE
67B	85-68-7	BUTYL BENZYL PHTHALATE
72B	56-55-3	BENZO(A)ANTHRACENE
74B	205-99-2	BENZO(B)FLUORANTHENE
73B	50-32-8	BENZO(A)PYRENE
76B	218-01-9	CHRYSENE
39B	206-44-0	FLUORANTHENE
81B	85-01-8	PHENANTHRENE
84B	129-00-0	PYRENE
	65-85-0	BENZOIC ACID

J 51

J 82

J 42

J 41

001089

BYRON BARREL AND DRUM SITE - SURFACE SOIL SAMPLE RESULTS

SAMPLE NUMBER:	RS-S0014-1	RS-S0015-1	RS-S0016-1	RS-S0017-1	RS-S0018-1	RS-S0019-1	RS-S0020-1
TRAFFIC REPORT NUMBER:	BT881	BT882	BT883	BT884	BT885	BT886	BT887
LOCATION:	ACCESS ROAD	ACCESS ROAD	ACCESS ROAD	SOURCE 3	SOURCE 3	SOURCE 3	SOURCE 3
DEPTH:	0'- 0.5'	0'- 0.5'	0'- 0.5'	0'- 0.5'	0'- 0.5'	0'- 0.5'	0'- 0.5'
DESCRIPTION:	SG ANOMALY	SG ANOMALY	SG ANOMALY				
UNITS:	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
DATE SAMPLED:	08/18/88	08/18/88	08/18/88	08/18/88	08/18/88	08/18/88	08/18/88

*** ACIDS ***

PF	CAS NO	COMPOUND

NO PARAMETERS FOR THIS CATEGORY

001090

BYRON BARREL AND DRUM SITE - SURFACE SOIL SAMPLE RESULTS

SAMPLE NUMBER:	BS-S0014-1	BS-S0015-1	BS-S0016-1	BS-S0017-1	BS-S0018-1	BS-S0019-1	BS-S0020-1
TRAFFIC REPORT NUMBER:	BT881	BT882	BT883	BT884	BT885	BT886	BT887
LOCATION:	ACCESS ROAD	ACCESS ROAD	ACCESS ROAD	SOURCE 3	SOURCE 3	SOURCE 3	SOURCE 3
DEPTH:	0'- 0.5'	0'- 0.5'	0'- 0.5'	0'- 0.5'	0'- 0.5'	0'- 0.5'	0'- 0.5'
DESCRIPTION:	SG ANOMALY	SG ANOMALY	SG ANOMALY				
UNITS:	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
DATE SAMPLED:	08/18/88	08/18/88	08/18/88	08/18/88	08/18/88	08/18/88	08/18/88

*** PESTICIDES ***

FP	CAS NO	COMPOUND
92P	50-29-3	4,4'-DDT
	72-54-8	4,4'-DDD
93P	72-55-9	4,4'-DDE
98P	72-20-8	ENDRIN
	53494-70	ENDRIN KETONE
97P	1031-07-8	ENDOSUFAN SULFATE
90P	60-57-1	DIELDRIN

25

19

37

24

001091

BYRON BARREL AND DRUM SITE - SURFACE SOIL SAMPLE RESULTS

SAMPLE NUMBER:	BS-S0014-1	BS-S0015-1	BS-S0016-1	BS-S0017-1	BS-S0018-1	BS-S0019-1	BS-S0020-1
TRAFFIC REPORT NUMBER:	MBF306	MBF307	MBF308	MBF309	MBF310	MBF311	MBF312
LOCATION:	ACCESS ROAD	ACCESS ROAD	ACCESS ROAD	SOURCE 3	SOURCE 3	SOURCE 3	SOURCE 3
DEPTH:	0'- 0.5'	0'- 0.5'	0'- 0.5'	0'- 0.5'	0'- 0.5'	0'- 0.5'	0'- 0.5'
DESCRIPTION:	SG ANOMALY	SG ANOMALY	SG ANOMALY				
UNITS:	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG
DATE SAMPLED:	08/18/88	08/18/88	08/18/88	08/18/88	08/18/88	08/18/88	08/18/88

*** INORGANICS ***

PP	CAS NO	COMPOUND	BS-S0014-1	BS-S0015-1	BS-S0016-1	BS-S0017-1	BS-S0018-1	BS-S0019-1	BS-S0020-1
1		ALUMINUM	7540.0	5010.0	5870.0	7440.0	6670.0	7340.0	8670.0
2		ANTIMONY							
3		ARSENIC	1.6	2.2	1.9	1.4	3.2	3.0	2.2
5		BERYLLIUM	0.58	0.38	0.95	0.96	0.62	0.8	1.0
6		CADMIUM	2.2			1.9	2.4	2.1	2.1
7		CALCIUM	11700.0	5510.0	8680.0	890.0	3010.0	2280.0	6010.0
8		CHROMIUM	9.1	5.0	5.5	5.8	282.0	9.6	227.0
9		COBALT	2.3	1.9	1.9	2.0	2.7	3.0	2.0
10		COPPER							
11		IRON	8300.0	6810.0	7710.0	7580.0	10200.0	11300.0	10300.0
12		LEAD	J 9.0	J 15.3	J 172.0	J 6.0	J 647.0	J 23.7	J 486.0
13		MAGNESIUM							
14		MANGANESE	234.0	193.0	304.0	245.0	603.0	629.0	456.0
15		MERCURY					J 0.16		J 0.2
16		NICKEL	6.5	4.7	4.4	5.0	6.5	7.3	5.7
17		POTASSIUM	407.0	361.0	329.0	200.0	276.0	332.0	328.0
18		SELENIUM	J 0.5			J 0.4			J 0.43
20		SODIUM	92.5	63.2	86.1	65.0	69.3	65.2	73.5
23		VANADIUM	J 10.3	J 8.7	J 9.1	J 9.4	J 8.6	J 9.6	J 13.0
24		ZINC	J 94.9	J 50.4	J 44.6	J 122.0	J 128.0	J 67.8	J 84.1

001092

BYRON BARREL AND DRUM SITE - SURFACE SOIL SAMPLE RESULTS

SAMPLE NUMBER:	BS-S0014-1	BS-S0015-1	BS-S0016-1	BS-S0017-1	BS-S0018-1	BS-S0019-1	BS-S0020-1
TRAFFIC REPORT NUMBER:							
LOCATION:							
DEPTH:							
DESCRIPTION:							
UNITS:							
DATE SAMPLED:	/ /	/ /	/ /	/ /	/ /	/ /	/ /

*** GEOCHEMICAL PARAMETERS ***

PP	CAS NO	COMPOUND

NO PARAMETERS FOR THIS CATEGORY

001093

RYRON BARREL AND DRUM SITE - SURFACE SOIL SAMPLE RESULTS

SAMPLE NUMBER:	RS-S0021-1	RS-S0022-1	RS-S0023-1	RS-S0024-1	RS-S0025-1	RS-S0025-1D
TRAFFIC REPORT NUMBER:	BT888	BT889	BT890	BT891	BT892	BT893
LOCATION:	SOURCE 3	NORTHWOODS	ESKER	MUCKLAND	MUCKLAND	MUCKLAND
DEPTH:	0'- 0.5'	0'- 0.5'	0'- 0.5'	0'- 0.5'	0'- 0.5'	0'- 0.5'
DESCRIPTION:		BACKGROUND	BACKGROUND	BACKGROUND	BACKGROUND	BACKGROUND
UNITS:	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
DATE SAMPLED:	08/18/88	08/18/88	08/18/88	08/18/88	08/18/88	08/18/88

*** VOLATILES ***

PP	CAS NO	COMPOUND
	67-64-1	ACETONE
86V	108-88-3	TOLUENE
11V	71-55-6	1,1,1-TRICHLOROETHANE
85V	127-18-4	TETRACHLOROETHENE
87V	79-01-6	TRICHLOROETHENE
23V	67-66-3	CHLOROFORM
44V	75-09-2	METHYLENE CHLORIDE

001094

BYRON BARREL AND DRUM SITE - SURFACE SOIL SAMPLE RESULTS

SAMPLE NUMBER:	BS-S0021-1	BS-S0022-1	BS-S0023-1	BS-S0024-1	BS-S0025-1	BS-S0025-1D
TRAFFIC REPORT NUMBER:	BT888	BT889	BT890	BT891	BT892	BT893
LOCATION:	SOURCE 3	NORTHWOODS	ESKER	MUCKLAND	MUCKLAND	MUCKLAND
DEPTH:	0' - 0.5'	0' - 0.5'	0' - 0.5'	0' - 0.5'	0' - 0.5'	0' - 0.5'
DESCRIPTION:		BACKGROUND	BACKGROUND	BACKGROUND	BACKGROUND	BACKGROUND
UNITS:	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
DATE SAMPLED:	08/18/88	08/18/88	08/18/88	08/18/88	08/18/88	08/18/88

*** BASE/NEUTRALS ***

FP	CAS NO	COMPOUND		
66B	117-81-7	BIS(2-ETHYLHEXYL)PHTHALATE	J 73	J 130
68B	84-74-2	DI-N-BUTYL PHTHALATE		
67B	85-68-7	BUTYL BENZYL PHTHALATE	J 140	
72B	56-55-3	BENZO(A)ANTHRACENE	J 110	
74B	205-99-2	BENZO(B)FLUORANTHENE	J 240	
73B	50-32-8	BENZO(A)PYRENE	J 100	
76B	218-01-9	CHRYSENE	J 140	J 42
39B	206-44-0	FLUORANTHENE	J 270	
81B	85-01-8	PHENANTHRENE	J 200	
84B	129-00-0	PYRENE	J 170	
	65-85-0	BENZOIC ACID	J 290	J 360

001093

BYRON BARREL AND DRUM SITE - SURFACE SOIL SAMPLE RESULTS

SAMPLE NUMBER:	BS-S0021-1	BS-S0022-1	BS-S0023-1	BS-S0024-1	BS-S0025-1	BS-S0025-1D
TRAFFIC REPORT NUMBER:	RT888	RT889	RT890	RT891	RT892	RT893
LOCATION:	SOURCE 3	NORTHWOODS	ESKER	MUCKLAND	MUCKLAND	MUCKLAND
DEPTH:	0'- 0.5'	0'- 0.5'	0'- 0.5'	0'- 0.5'	0'- 0.5'	0'- 0.5'
DESCRIPTION:		BACKGROUND	BACKGROUND	BACKGROUND	BACKGROUND	BACKGROUND
UNITS:	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
DATE SAMPLED:	08/18/88	08/18/88	08/18/88	08/18/88	08/18/88	08/18/88

*** ACIDS ***

FP	CAS NO	COMPOUND

NO PARAMETERS FOR THIS CATEGORY

001096

BYRON BARREL AND DRUM SITE - SURFACE SOIL SAMPLE RESULTS

SAMPLE NUMBER:	BS-S0021-1	BS-S0022-1	BS-S0023-1	BS-S0024-1	BS-S0025-1	BS-S0025-1D
TRAFFIC REPORT NUMBER:	BT888	BT889	BT890	BT891	BT892	BT893
LOCATION:	SOURCE 3	NORTHWOODS	ESKER	MUCKLAND	MUCKLAND	MUCKLAND
DEPTH:	0'- 0.5'	0'- 0.5'	0'- 0.5'	0'- 0.5'	0'- 0.5'	0'- 0.5'
DESCRIPTION:		BACKGROUND	BACKGROUND	BACKGROUND	BACKGROUND	BACKGROUND
UNITS:	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
DATE SAMPLED:	08/18/88	08/18/88	08/18/88	08/18/88	08/18/88	08/18/88

*** PESTICIDES ***

PP	CAS NO	COMPOUND					
92P	50-29-3	4,4'-DDT	35	58	1200	1400	2100
	72-54-8	4,4'-DDD				63	79
93P	72-55-9	4,4'-DDE	29	110	190	190	310
98P	72-20-8	ENDRIN			86		250
	53494-70	ENDRIN KETONE			36		
97P	1031-07-8	ENDOSUFAN SULFATE				60	63
90P	60-57-1	DIELDRIN		25	3500	450	710

001097

BYRON BARREL AND DRUM SITE - SURFACE SOIL SAMPLE RESULTS

SAMPLE NUMBER:	BS-S0021-1	BS-S0022-1	BS-S0023-1	BS-S0024-1	BS-S0025-1	BS-S0025-1D
TRAFFIC REPORT NUMBER:	MBF313	MBF314	MBF315	MBF317	MBF318	MBF319
LOCATION:	SOURCE 3	NORTH WOODS	ESKER	MUCKLAND	MUCKLAND	MUCKLAND
DEPTH:	0'- 0.5'	0'- 0.5'	0'- 0.5'	0'- 0.5'	0'- 0.5'	0'- 0.5'
DESCRIPTION:		BACKGROUND	BACKGROUND	BACKGROUND	BACKGROUND	BACKGROUND
UNITS:	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG
DATE SAMPLED:	08/18/88	08/18/88	08/18/88	08/18/88	08/18/88	08/18/88

*** INORGANICS ***

PF	CAS NO	COMPOUND					
1		ALUMINUM	7230.0	6650.0	5620.0	3320.0	4520.0
2		ANTIMONY	J 10.0				4580.0
3		ARSENIC	2.6	1.2	2.6	17.1	21.6
5		BERYLLIUM	0.44	0.42	0.38	0.64	0.82
6		CADMIUM	2.1		2.1		
7		CALCIUM	22400.0	1590.0	27000.0	42700.0	28800.0
8		CHROMIUM	804.0	6.1	5.8	7.6	6.2
9		COBALT	1.7		2.6		2.8
10		COFFER					2.8
11		IRON	7780.0	3460.0	9210.0	6930.0	8450.0
12		LEAD	J 2720.0	J 16.3	J 11.4	J 17.7	J 14.4
13		MAGNESIUM					
14		MANGANESE	289.0	86.9	360.0	267.0	249.0
15		MERCURY	J 0.18			J 0.28	J 0.18
16		NICKEL	5.7	4.3	6.5	9.1	8.0
17		POTASSIUM	514.0	458.0	502.0	684.0	900.0
18		SELENIUM		J 0.58		J 4.6	J 2.2
20		SODIUM	120.0	61.1	81.6	104.0	93.0
23		VANADIUM	J 12.6	J 6.9	J 9.4	J 13.0	J 11.4
24		ZINC	J 100.0	J 56.9	J 69.6	J 109.0	J 57.1

001098

RYRON BARREL AND DRUM SITE - SURFACE SOIL SAMPLE RESULTS

SAMPLE NUMBER:	RS-S0021-1	RS-S0022-1	RS-S0023-1	RS-S0024-1	RS-S0025-1	RS-S0025-1D
TRAFFIC REPORT NUMBER:						
LOCATION:						
DEPTH:						
DESCRIPTION:						
UNITS:						
DATE SAMPLED:	/ /	/ /	/ /	/ /	/ /	/ /

*** GEOCHEMICAL PARAMETERS ***

PP	CAS NO	COMPOUND

NO PARAMETERS FOR THIS CATEGORY

001099

Subsurface Soil Results

REPT 105

001.100

BYRON BARREL & DRUM - SUBSURFACE SOILS

SAMPLE NUMBER:	BS-S3000-1B	BS-SS000-1F	BS-SS000-1T	BS-SS001-1B	BS-SS001-1F	BS-SS001-1M	BS-SS001-1T
TRAFFIC REPORT NUMBER:	BQ743	BQ744	BQ731	BR217	BR218	MOBILE LAB	BQ732
SAMPLING POINT:						SOURCE 1	
LOCATION:						1.5' - 2'	
DESCRIPTION:	BOTTLE BLANK	FIELD BLANK	TRIP BLANK	BOTTLE BLANK	FIELD BLANK	TP-1	TRIP BLANK
UNITS:	UG/L	UG/L	UG/L	UG/L	UG/L	UG/KG	UG/L
DATE SAMPLED:	08/31/88	08/31/88	08/31/88	09/08/88	09/08/88	08/31/88	08/02/88

*** VOLATILES ***

PP	CAS NO	COMPOUND				
	67-64-1	ACETONE	J 250	J 520	16	J 250
4V	71-43-2	BENZENE				
86V	108-88-3	TOLUENE				
38V	100-41-4	ETHYLBENZENE				
	95-47-6	TOTAL XYLENES				
11V	71-55-6	1,1,1-TRICHLOROETHANE				J 49
14V	79-00-5	1,1,2-TRICHLOROETHANE				
10V	107-06-2	1,2-DICHLOROETHANE				
85V	127-18-4	TETRACHLOROETHENE				
87V	79-01-6	TRICHLOROETHENE				J 20
30V	156-60-5	TRANS-1,2-DICHLOROETHENE				
29V	75-35-4	1,1-DICHLOROETHENE				
44V	75-09-2	METHYLENE CHLORIDE		J 2		5
33VT	10061-02-6	TRANS-1,3-DICHLOROPROPENE				

001101

BYRON BARREL & DRUM - SUBSURFACE SOILS

SAMPLE NUMBER:	BS-SS000-1B	BS-SS000-1F	BS-SS000-1T	BS-SS001-1B	BS-SS001-1F	BS-SS001-1M	BS-SS001-1T
TRAFFIC REPORT NUMBER:	BQ743	BQ744	BQ731	BR217	BR218	MOBILE LAB	BQ732
SAMPLING POINT:						SOURCE 1	
LOCATION:			NA			NA	NA
DESCRIPTION:	BOTTLE BLANK	FIELD BLANK	TRIP BLANK	BOTTLE BLANK	FIELD BLANK	TP-1	TRIP BLANK
UNITS:	UG/L	UG/L	UG/L	UG/L	UG/L	UG/KG	UG/L
DATE SAMPLED:	08/31/88	08/31/88	08/31/88	09/08/88	09/08/88	08/31/88	08/02/88

*** BASE/NEUTRALS ***

PP.	CAS NO	COMPOUND
66B	117-81-7	BIS(2-ETHYLHEXYL)PHTHALATE
68B	84-74-2	DI-N-BUTYL PHTHALATE
70B	84-66-2	DIETHYL PHTHALATE
71B	131-11-3	DIMETHYL PHTHALATE
55B	91-20-3	NAPHTHALENE
84B	129-00-0	PYRENE

4	10
2	3
5	7

071102

BYRON BARREL & DRUM - SUBSURFACE SOILS

SAMPLE NUMBER:	BS-SS000-1B	BS-SS000-1F	BS-SS000-1T	BS-SS001-1B	BS-SS001-1F	BS-SS001-1M	BS-SS001-1T
TRAFFIC REPORT NUMBER:	BQ743	BQ744	BQ731	BR217	BR218	MOBILE LAB	BQ732
SAMPLING POINT:						SOURCE 1	
LOCATION:			NA			NA	NA
DESCRIPTION:	BOTTLE BLANK	FIELD BLANK	TRIP BLANK	BOTTLE BLANK	FIELD BLANK	TP-1	TRIP BLANK
UNITS:	UG/L	UG/L	UG/L	UG/L	UG/L	UG/KG	UG/L
DATE SAMPLED:	08/31/88	08/31/88	08/31/88	09/08/88	09/08/88	08/31/88	08/02/88

*** ACIDS ***

PP	CAS NO	COMPOUND

NO PARAMETERS FOR THIS CATEGORY

001103

BYRON BARREL & DRUM - SUBSURFACE SOILS

SAMPLE NUMBER:	BS-SS000-1B	BS-SS000-1F	BS-SS000-1T	BS-SS001-1B	BS-SS001-1F	BS-SS001-1M	BS-SS001-1T
TRAFFIC REPORT NUMBER:	BQ743	BQ744	BQ731	BR217	BR218	MOBILE LAB	BQ732
SAMPLING POINT:						SOURCE 1	
LOCATION:			NA			NA	NA
DESCRIPTION:	BOTTLE BLANK	FIELD BLANK	TRIP BLANK	BOTTLE BLANK	FIELD BLANK	TP-1	TRIP BLANK
UNITS:	UG/L	UG/L	UG/L	UG/L	UG/L	UG/KG	UG/L
DATE SAMPLED:	08/31/88	08/31/88	08/31/88	09/08/88	09/08/88	08/31/88	08/02/88

*** PESTICIDES ***

PP	CAS NO	COMPOUND
92P	50-29-3	4,4'-DDT
93P	72-55-9	4,4'-DDE
107P	11097-69-1	AROCLOR-1254

001104

SAMPLE NUMBER:
TRAFFIC REPORT NUMBER:
SAMPLING POINT:
LOCATION:
DESCRIPTION:
UNITS:
DATE SAMPLED:

BS-SS000-1B MBP753	BS-SS000-1F MBP754	BS-SS000-1T NA	BS-SS001-1B MBP067	BS-SS001-1F MBP068	BS-SS001-1M NA	BS-SS001-1T NA
BOTTLE BLANK UG/L 08/31/88	FIELD BLANK UG/L 08/31/88	/ /	BOTTLE BLANK UG/L 09/08/88	FIELD BLANK UG/L 09/08/88	/ /	/ /

PP	CAS NO	COMPOUND
1		ALUMINUM
2		ANTIMONY
3		ARSENIC
4		BARIUM
6		CADMIUM
7		CALCIUM
8		CHROMIUM
9		COBALT
10		COPPER
11		IRON
12		LEAD
13		MAGNESIUM
14		MANGANESE
16		NICKEL
17		POTASSIUM
19		SILVER
20		SODIUM
23		VANADIUM
24		ZINC

001105

BYRON BARREL & DRUM - SUBSURFACE SOILS

SAMPLE NUMBER:	BS-SS002-1B	BS-SS002-1F	BS-SS002-1M	BS-SS002-1T	BS-SS003-1M	BS-SS003-1T	BS-SS004-1M
TRAFFIC REPORT NUMBER:	BR219	BR220	MOBILE LAB	BT896	MOBILE LAB	BT897	MOBILE LAB
SAMPLING POINT:			SOURCE 1		SOURCE 1		SOURCE 1
LOCATION:			4'		6'		1.5' - 2'
DESCRIPTION:	BOTTLE BLANK	FIELD BLANK	TP-1	TRIP BLANK	TP-1	TRIP BLANK	TP-1
UNITS:	UG/L	UG/L	UG/KG	UG/L	UG/KG	UG/L	UG/KG
DATE SAMPLED:	09/08/88	09/08/88	08/31/88	09/06/88	08/31/88	09/08/88	08/31/88

*** VOLATILES ***

PP	CAS NO	COMPOUND
	67-64-1	ACETONE
4V	71-43-2	BENZENE
86V	108-88-3	TOLUENE
38V	100-41-4	ETHYLBENZENE
	95-47-6	TOTAL XYLENES
11V	71-55-6	1,1,1-TRICHLOROETHANE
14V	79-00-5	1,1,2-TRICHLOROETHANE
10V	107-06-2	1,2-DICHLOROETHANE
85V	127-18-4	TETRACHLOROETHENE
87V	79-01-6	TRICHLOROETHENE
30V	156-60-5	TRANS-1,2-DICHLOROETHENE
29V	75-35-4	1,1-DICHLOROETHENE
44V	75-09-2	METHYLENE CHLORIDE
33VT	10061-02-6	TRANS-1,3-DICHLOROPROPENE

14

2

J 7

J 27

7

17

12

001106

BYRON BARREL & DRUM - SUBSURFACE SOILS

SAMPLE NUMBER:	BS-SS002-1B	BS-SS002-1F	BS-SS002-1M	BS-SS002-1T	BS-SS003-1M	BS-SS003-1T	BS-SS004-1M
TRAFFIC REPORT NUMBER:	BR219	BR220	MOBILE LAB	BT896	MOBILE LAB	BT897	MOBILE LAB
SAMPLING POINT:			SOURCE 1		SOURCE 1		SOURCE 1
LOCATION:			NA	NA	NA	NA	NA
DESCRIPTION:	BOTTLE BLANK	FIELD BLANK	TP-1	TRIP BLANK	TP-1	TRIP BLANK	TP-1
UNITS:	UG/L	UG/L	UG/KG	UG/L	UG/KG	UG/L	UG/KG
DATE SAMPLED:	09/08/88	09/08/88	08/31/88	09/06/88	08/31/88	09/08/88	08/31/88

*** BASE/NEUTRALS ***

PP	CAS NO	COMPOUND		
66B	117-81-7	BIS(2-ETHYLHEXYL)PHTHALATE	2	
68B	84-74-2	DI-N-BUTYL PHTHALATE	4	5
70B	84-66-2	DIETHYL PHTHALATE	2	
71B	131-11-3	DIMETHYL PHTHALATE	5	4
55B	91-20-3	NAPHTHALENE		
84B	129-00-0	PYRENE		

001107

BYRON BARREL & DRUM - SUBSURFACE SOILS

SAMPLE NUMBER:
 TRAFFIC REPORT NUMBER:
 SAMPLING POINT:
 LOCATION:
 DESCRIPTION:
 UNITS:
 DATE SAMPLED:

BS-SS002-1B	BS-SS002-1F	BS-SS002-1M	BS-SS002-1T	BS-SS003-1M	BS-SS003-1T	BS-SS004-1M
BR219	BR220	MOBILE LAB	BT896	MOBILE LAB	BT897	MOBILE LAB
		SOURCE 1		SOURCE 1		SOURCE 1
		NA	NA	NA	NA	NA
BOTTLE BLANK	FIELD BLANK	TP-1	TRIP BLANK	TP-1	TRIP BLANK	TP-1
UG/L	UG/L	UG/KG	UG/L	UG/KG	UG/L	UG/KG
09/08/88	09/08/88	08/31/88	09/06/88	08/31/88	09/08/88	08/31/88

*** ACIDS ***

PP	CAS NO	COMPOUND
NO PARAMETERS FOR THIS CATEGORY		

NO PARAMETERS FOR THIS CATEGORY

001100

BYRON BARREL & DRUM - SUBSURFACE SOILS

SAMPLE NUMBER:	BS-SS002-1B	BS-SS002-1F	BS-SS002-1M	BS-SS002-1T	BS-SS003-1M	BS-SS003-1T	BS-SS004-1M
TRAFFIC REPORT NUMBER:	BR219	BR220	MOBILE LAB	BT896	MOBILE LAB	BT897	MOBILE LAB
SAMPLING POINT:			SOURCE 1		SOURCE 1		SOURCE 1
LOCATION:			NA	NA	NA	NA	NA
DESCRIPTION:	BOTTLE BLANK	FIELD BLANK	TP-1	TRIP BLANK	TP-1	TRIP BLANK	TP-1
UNITS:	UG/L	UG/L	UG/KG	UG/L	UG/KG	UG/L	UG/KG
DATE SAMPLED:	09/08/88	09/08/88	08/31/88	09/06/88	08/31/88	09/08/88	08/31/88

*** PESTICIDES ***

PP	CAS NO	COMPOUND
92P	50-29-3	4,4'-DDT
93P	72-55-9	4,4'-DDE
107P	11097-69-1	AROCLOR-1254

001109

BYRON BARREL & DRUM - SUBSURFACE SOILS

SAMPLE NUMBER:	BS-SS002-1B	BS-SS002-1F	BS-SS002-1M	BS-SS002-1T	BS-SS003-1M	BS-SS003-1T	BS-SS004-1M
TRAFFIC REPORT NUMBER:	MBP069	MBP070	NA	NA	NA	NA	NA
SAMPLING POINT:							
LOCATION:							
DESCRIPTION:	BOTTLE BLANK	FIELD BLANK					
UNITS:	UG/L	UG/L					
DATE SAMPLED:	09/08/88	09/08/88	/ /	/ /	/ /	/ /	/ /

*** INORGANICS ***

PP	CAS NO	COMPOUND
1		ALUMINUM
2		ANTIMONY
3		ARSENIC
4		BARIUM
6		CADMIUM
7	499.0	CALCIUM
8		CHROMIUM
9		COBALT
10		COPPER
11	102.0	IRON
12	0.95	LEAD
13		MAGNESIUM
14		MANGANESE
16		NICKEL
17		POTASSIUM
19		SILVER
20	8020.0	SODIUM
23		VANADIUM
24		ZINC

J 10.1

001110

BYRON BARREL & DRUM - SUBSURFACE SOILS

SAMPLE NUMBER:	BS-SS005-1M	BS-SS006-1M	BS-SS007-1M	BS-SS008-1M	BS-SS009-1M	BS-SS011-1M	BS-SS012-1
TRAFFIC REPORT NUMBER:	MOBILE LAB	MOBILE LAB	MOBILE LAB	MOBILE LAB	MOBILE LAB	MOBILE LAB	BQ720
SAMPLING POINT:	SOURCE 1	SOURCE 1	SOURCE 1	SOURCE 1	SOURCE 1	SOURCE 1	SOURCE 1
LOCATION:	4'	6'	1.5' - 2'	4'	6'	1.5' - 2'	4'
DESCRIPTION:	TP-1	TP-1	TP-2	TP-2	TP-2	TP-2	TP-2
UNITS:	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
DATE SAMPLED:	08/31/88	08/31/88	08/31/88	08/31/88	08/31/88	08/31/88	08/31/88

*** VOLATILES ***

PP	CAS NO	COMPOUND					
	67-64-1	ACETONE					
4V	71-43-2	BENZENE	J 10				
86V	108-88-3	TOLUENE				J 143	J 2700
38V	100-41-4	ETHYLBENZENE					
	95-47-6	TOTAL XYLENES					J 1700
11V	71-55-6	1,1,1-TRICHLOROETHANE	J 6	J 158	J 53	J 10	J 223
14V	79-00-5	1,1,2-TRICHLOROETHANE					
10V	107-06-2	1,2-DICHLOROETHANE					
85V	127-18-4	TETRACHLOROETHENE					J 4400
87V	79-01-6	TRICHLOROETHENE	J 19	J 10	J 1713	J 608	J 312
30V	156-60-5	TRANS-1,2-DICHLOROETHENE			J 6		J 2669
29V	75-35-4	1,1-DICHLOROETHENE					J 20
44V	75-09-2	METHYLENE CHLORIDE					J 10
33VT	10061-02-6	TRANS-1,3-DICHLOROPROPENE					J 25

001111

BYRON BARREL & DRUM - SUBSURFACE SOILS

SAMPLE NUMBER:	BS-SS005-1M	BS-SS006-1M	BS-SS007-1M	BS-SS008-1M	BS-SS009-1M	BS-SS011-1M	BS-SS012-1
TRAFFIC REPORT NUMBER:	MOBILE LAB	MOBILE LAB	MOBILE LAB	MOBILE LAB	MOBILE LAB	MOBILE LAB	BQ720
SAMPLING POINT:	SOURCE 1	SOURCE 1	SOURCE 1	SOURCE 1	SOURCE 1	SOURCE 1	SOURCE 1
LOCATION:	NA	NA	NA	NA	NA	NA	4'
DESCRIPTION:	TP-1	TP-1	TP-2	TP-2	TP-2	TP-2	TP-2
UNITS:	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
DATE SAMPLED:	08/31/88	08/31/88	08/31/88	08/31/88	08/31/88	08/31/88	08/31/88

*** BASE/NEUTRALS ***

PP	CAS NO	COMPOUND	
66B	117-81-7	BIS(2-ETHYLHEXYL)PHTHALATE	1700
68B	84-74-2	DI-N-BUTYL PHTHALATE	1500
70B	84-66-2	DIETHYL PHTHALATE	
71B	131-11-3	DIMETHYL PHTHALATE	
55B	91-20-3	NAPHTHALENE	J 95
84B	129-00-0	PYRENE	J 79

001112

BYRON BARREL & DRUM - SUBSURFACE SOILS

SAMPLE NUMBER:	BS-SS005-1M	BS-SS006-1M	BS-SS007-1M	BS-SS008-1M	BS-SS009-1M	BS-SS011-1M	BS-SS012-1
TRAFFIC REPORT NUMBER:	MOBILE LAB	MOBILE LAB	MOBILE LAB	MOBILE LAB	MOBILE LAB	MOBILE LAB	BQ720
SAMPLING POINT:	SOURCE 1	SOURCE 1	SOURCE 1	SOURCE 1	SOURCE 1	SOURCE 1	SOURCE 1
LOCATION:	NA	NA	NA	NA	NA	NA	4'
DESCRIPTION:	TP-1	TP-1	TP-2	TP-2	TP-2	TP-2	TP-2
UNITS:	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
DATE SAMPLED:	08/31/88	08/31/88	08/31/88	08/31/88	08/31/88	08/31/88	08/31/88

*** ACIDS ***

PP	CAS NO	COMPOUND

NO PARAMETERS FOR THIS CATEGORY

001113

BYRON BARREL & DRUM - SUBSURFACE SOILS

SAMPLE NUMBER:	BS-SS005-1M	BS-SS006-1M	BS-SS007-1M	BS-SS008-1M	BS-SS009-1M	BS-SS011-1M	BS-SS012-1
TRAFFIC REPORT NUMBER:	MOBILE LAB	MOBILE LAB	MOBILE LAB	MOBILE LAB	MOBILE LAB	MOBILE LAB	BQ720
SAMPLING POINT:	SOURCE 1	SOURCE 1	SOURCE 1	SOURCE 1	SOURCE 1	SOURCE 1	SOURCE 1
LOCATION:	NA	NA	NA	NA	NA	NA	4'
DESCRIPTION:	TP-1	TP-1	TP-2	TP-2	TP-2	TP-2	TP-2
UNITS:	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
DATE SAMPLED:	08/31/88	08/31/88	08/31/88	08/31/88	08/31/88	08/31/88	08/31/88

*** PESTICIDES ***

PP	CAS NO	COMPOUND
92P	50-29-3	4,4'-DDT
93P	72-55-9	4,4'-DDE
107P	11097-69-1	AROCLOR-1254

001114

BYRON BARREL & DRUM - SUBSURFACE SOILS

SAMPLE NUMBER:	BS-SS005-1M	BS-SS006-1M	BS-SS007-1M	BS-SS008-1M	BS-SS009-1M	B9-SS011-1M	B9-SS012-1
TRAFFIC REPORT NUMBER:	NA	NA	NA	NA	NA	NA	MBR780
SAMPLING POINT:							SOURCE 1
LOCATION:							4'
DESCRIPTION:							TP-2
UNITS:							MG/KG
DATE SAMPLED:	/ /	/ /	/ /	/ /	/ /	/ /	08/31/88

*** INORGANICS ***

PP	CAS NO	COMPOUND
1		ALUMINUM
2		ANTIMONY
3		ARSENIC
4		BARIUM
6		CADMIUM
7		CALCIUM
8		CHROMIUM
9		COBALT
10		COPPER
11		IRON
12		LEAD
13		MAGNESIUM
14		MANGANESE
16		NICKEL
17		POTASSIUM
19		SILVER
20		SODIUM
23		VANADIUM
24		ZINC

4560
J 10.4
2.4
60.3
52200
8.2
J 9.9
10400
J 22.6
13900
J 388
8.2
73.4
J 13.9
J 122

001115

BYRON BARREL & DRUM - SUBSURFACE SOILS

SAMPLE NUMBER:
 TRAFFIC REPORT NUMBER:
 SAMPLING POINT:
 LOCATION:
 DESCRIPTION:
 UNITS:
 DATE SAMPLED:

BS-SS005-1M	BS-SS006-1M	BS-SS007-1M	BS-SS008-1M	BS-SS009-1M	BS-SS011-1M	BS-SS012-1
NA	NA	NA	NA	NA	NA	56561
						SOURCE 1
						4'
						TP-2
						MG/KG
/ /	/ /	/ /	/ /	/ /	/ /	08/31/88

*** GEOCHEMICAL PARAMETERS ***

PP	CAS NO	COMPOUND

TOTAL ORGANIC CARBON

18700

001116

BYRON BARREL & DRUM - SUBSURFACE SOILS

SAMPLE NUMBER:
 TRAFFIC REPORT NUMBER:
 SAMPLING POINT:
 LOCATION:
 DESCRIPTION:
 UNITS:
 DATE SAMPLED:

BS-SS012-1M MOBILE LAB SOURCE 1 4'	BS-SS013-1M MOBILE LAB SOURCE 1 6'	BS-SS014-1M MOBILE LAB SOURCE 1 1.5' - 2'	BS-SS015-1M MOBILE LAB SOURCE 1 4'	BS-SS016-1M MOBILE LAB SOURCE 1 6'	BS-SS017-1M MOBILE LAB SOURCE 1 1.5' - 2'	BS-SS018-1M MOBILE LAB SOURCE 1 4'
TP-2	TP-2	TP-3	TP-3	TP-3	TP-4	TP-4
UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
08/31/88	08/31/88	08/31/88	08/31/88	08/31/88	09/01/88	09/01/88

*** VOLATILES ***

PP	CAS NO	COMPOUND
	67-64-1	ACETONE
4V	71-43-2	BENZENE
86V	108-88-3	TOLUENE
38V	100-41-4	ETHYLBENZENE
	95-47-6	TOTAL XYLENES
11V	71-55-6	1,1,1-TRICHLOROETHANE
14V	79-00-5	1,1,2-TRICHLOROETHANE
10V	107-06-2	1,2-DICHLOROETHANE
85V	127-18-4	TETRACHLOROETHENE
87V	79-01-6	TRICHLOROETHENE
30V	156-60-5	TRANS-1,2-DICHLOROETHENE
29V	75-35-4	1,1-DICHLOROETHENE
44V	75-09-2	METHYLENE CHLORIDE
33VT	10061-02-6	TRANS-1,3-DICHLOROPROPENE

J 865

J 135

J 184

J 77

J 14

J 17

J 34

J 5

J 551

J 546

J 127

J 9

J 980

J 87

J 728

J 15

J 6

J 683

J 14

J 239

J 26

001117

BYRON BARREL & DRUM - SUBSURFACE SOILS

SAMPLE NUMBER:	BS-SS012-1M	BS-SS013-1M	BS-SS014-1M	BS-SS015-1M	BS-SS016-1M	BS-SS017-1M	BS-SS018-1M
TRAFFIC REPORT NUMBER:	MOBILE LAB	MOBILE LAB	MOBILE LAB	MOBILE LAB	MOBILE LAB	MOBILE LAB	MOBILE LAB
SAMPLING POINT:	SOURCE 1	SOURCE 1	SOURCE 1	SOURCE 1	SOURCE 1	SOURCE 1	SOURCE 1
LOCATION:	NA	NA	NA	NA	NA	NA	NA
DESCRIPTION:	TP-2	TP-2	TP-3	TP-3	TP-3	TP-4	TP-4
UNITS:	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
DATE SAMPLED:	08/31/88	08/31/88	08/31/88	08/31/88	08/31/88	09/01/88	09/01/88

*** BASE/NEUTRALS ***

PP	CAS NO	COMPOUND
66B	117-81-7	BIS(2-ETHYLHEXYL)PHTHALATE
68B	84-74-2	DI-N-BUTYL PHTHALATE
70B	84-66-2	DIETHYL PHTHALATE
71B	131-11-3	DIMETHYL PHTHALATE
55B	91-20-3	NAPHTHALENE
84B	129-00-0	PYRENE

001118

BYRON BARREL & DRUM - SUBSURFACE SOILS

SAMPLE NUMBER:
 TRAFFIC REPORT NUMBER:
 SAMPLING POINT:
 LOCATION:
 DESCRIPTION:
 UNITS:
 DATE SAMPLED:

BS-SS012-1M	BS-SS013-1M	BS-SS014-1M	BS-SS015-1M	BS-SS016-1M	BS-SS017-1M	BS-SS018-1M
MOBILE LAB	MOBILE LAB	MOBILE LAB	MOBILE LAB	MOBILE LAB	MOBILE LAB	MOBILE LAB
SOURCE 1	SOURCE 1	SOURCE 1	SOURCE 1	SOURCE 1	SOURCE 1	SOURCE 1
NA	NA	NA	NA	NA	NA	NA
TP-2	TP-2	TP-3	TP-3	TP-3	TP-4	TP-4
UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
08/31/88	08/31/88	08/31/88	08/31/88	08/31/88	09/01/88	09/01/88

*** ACIDS ***

PP	CAS NO	COMPOUND

NO PARAMETERS FOR THIS CATEGORY

001119

BYRON BARREL & DRUM - SUBSURFACE SOILS

SAMPLE NUMBER:
TRAFFIC REPORT NUMBER:
SAMPLING POINT:
LOCATION:
DESCRIPTION:
UNITS:
DATE SAMPLED:

BS-SS012-1M	BS-SS013-1M	BS-SS014-1M	BS-SS015-1M	BS-SS016-1M	BS-SS017-1M	BS-SS018-1M
MOBILE LAB	MOBILE LAB	MOBILE LAB	MOBILE LAB	MOBILE LAB	MOBILE LAB	MOBILE LAB
SOURCE 1	SOURCE 1	SOURCE 1	SOURCE 1	SOURCE 1	SOURCE 1	SOURCE 1
NA	NA	NA	NA	NA	NA	NA
TP-2	TP-2	TP-3	TP-3	TP-3	TP-4	TP-4
UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
08/31/88	08/31/88	08/31/88	08/31/88	08/31/88	09/01/88	09/01/88

*** PESTICIDES ***

PP	CAS NO	COMPOUND
92P	50-29-3	4,4'-DDT
93P	72-55-9	4,4'-DDE
107P	11097-69-1	AROCLOR-1254

001120

BYRON BARREL & DRUM - SUBSURFACE SOILS

SAMPLE NUMBER:	BS-SS012-1M	BS-SS013-1M	BS-SS014-1M	BS-SS015-1M	BS-SS016-1M	BS-SS017-1M	BS-SS018-1M
TRAFFIC REPORT NUMBER:	NA	NA	NA	NA	NA	NA	NA
SAMPLING POINT:							
LOCATION:							
DESCRIPTION:							
UNITS:							
DATE SAMPLED:	/ /	/ /	/ /	/ /	/ /	/ /	/ /

*** INORGANICS ***

PP	CAS NO	COMPOUND
1		ALUMINUM
2		ANTIMONY
3		ARSENIC
4		BARIUM
6		CADMIUM
7		CALCIUM
8		CHROMIUM
9		COBALT
10		COPPER
11		IRON
12		LEAD
13		MAGNESIUM
14		MANGANESE
16		NICKEL
17		POTASSIUM
19		SILVER
20		SODIUM
23		VANADIUM
24		ZINC

001121

BYRON BARREL & DRUM - SUBSURFACE SOILS

SAMPLE NUMBER:
TRAFFIC REPORT NUMBER:
SAMPLING POINT:
LOCATION:
DESCRIPTION:
UNITS:
DATE SAMPLED:

BS-SS019-1M	BS-SS020-1M	BS-SS021-1	BS-SS021-1M	BS-SS022-1M	BS-SS023-1M	BS-SS024-1M
MOBILE LAB	MOBILE LAB	BQ721	MOBILE LAB	MOBILE LAB	MOBILE LAB	MOBILE LAB
SOURCE 1	SOURCE 1	SOURCE 1	SOURCE 1	SOURCE 1	SOURCE 1	SOURCE 1
6'	1.5' - 2'	4'	4'	6'	1.5' - 2'	1.5' - 2'
TP-4	TP-5	TP-5	TP-5	TP-5	TP-6	TP-7
UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
09/01/88	09/01/88	09/01/88	09/01/88	09/01/88	09/01/88	09/02/88

*** VOLATILES ***

PP	CAS NO	COMPOUND
	67-64-1	ACETONE
4V	71-43-2	BENZENE
86V	108-88-3	TOLUENE
38V	100-41-4	ETHYLBENZENE
	95-47-6	TOTAL XYLENES
11V	71-55-6	1,1,1-TRICHLOROETHANE
14V	79-00-5	1,1,2-TRICHLOROETHANE
10V	107-06-2	1,2-DICHLOROETHANE
85V	127-18-4	TETRACHLOROETHENE
87V	79-01-6	TRICHLOROETHENE
30V	156-60-5	TRANS-1,2-DICHLOROETHENE
29V	75-35-4	1,1-DICHLOROETHENE
44V	75-09-2	METHYLENE CHLORIDE
33VT	10061-02-6	TRANS-1,3-DICHLOROPROPENE

J 11

J 1100

J 33

J 72

J 35

J 610

J 660

J 312

001122

BYRON BARREL & DRUM - SUBSURFACE SOILS

SAMPLE NUMBER:	BS-SS019-1M	BS-SS020-1M	BS-SS021-1	BS-SS021-1M	BS-SS022-1M	BS-SS023-1M	BS-SS024-1M
TRAFFIC REPORT NUMBER:	MOBILE LAB	MOBILE LAB	BQ721	MOBILE LAB	MOBILE LAB	MOBILE LAB	MOBILE LAB
SAMPLING POINT:	SOURCE 1	SOURCE 1	SOURCE 1	SOURCE 1	SOURCE 1	SOURCE 1	SOURCE 1
LOCATION:	NA	NA	4'	NA	NA	NA	NA
DESCRIPTION:	TP-4	TP-5	TP-5	TP-5	TP-5	TP-6	TP-7
UNITS:	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
DATE SAMPLED:	09/01/88	09/01/88	09/01/88	09/01/88	09/01/88	09/01/88	09/02/88

*** BASE/NEUTRALS ***

PP	CAS NO	COMPOUND
66B	117-81-7	BIS(2-ETHYLHEXYL)PHTHALATE
68B	84-74-2	DI-N-BUTYL PHTHALATE
70B	84-66-2	DIETHYL PHTHALATE
71B	131-11-3	DIMETHYL PHTHALATE
55B	91-20-3	NAPHTHALENE
84B	129-00-0	PYRENE

2000

001123

BYRON BARREL & DRUM - SUBSURFACE SOILS

SAMPLE NUMBER:
 TRAFFIC REPORT NUMBER:
 SAMPLING POINT:
 LOCATION:
 DESCRIPTION:
 UNITS:
 DATE SAMPLED:

BS-SS019-1M	BS-SS020-1M	BS-SS021-1	BS-SS021-1M	BS-SS022-1M	BS-SS023-1M	BS-SS024-1M
MOBILE LAB	MOBILE LAB	BQ721	MOBILE LAB	MOBILE LAB	MOBILE LAB	MOBILE LAB
SOURCE 1	SOURCE 1	SOURCE 1	SOURCE 1	SOURCE 1	SOURCE 1	SOURCE 1
NA	NA	4'	NA	NA	NA	NA
TP-4	TP-5	TP-5	TP-5	TP-5	TP-6	TP-7
UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
09/01/88	09/01/88	09/01/88	09/01/88	09/01/88	09/01/88	09/02/88

*** ACIDS ***

PP	CAS NO	COMPOUND

NO PARAMETERS FOR THIS CATEGORY

001124

BYRON BARREL & DRUM - SUBSURFACE SOILS

SAMPLE NUMBER:	BS-SS019-1M	BS-SS020-1M	BS-SS021-1	BS-SS021-1M	BS-SS022-1M	BS-SS023-1M	BS-SS024-1M
TRAFFIC REPORT NUMBER:	MOBILE LAB	MOBILE LAB	BQ721	MOBILE LAB	MOBILE LAB	MOBILE LAB	MOBILE LAB
SAMPLING POINT:	SOURCE 1	SOURCE 1	SOURCE 1	SOURCE 1	SOURCE 1	SOURCE 1	SOURCE 1
LOCATION:	NA	NA	4'	NA	NA	NA	NA
DESCRIPTION:	TP-4	TP-5	TP-5	TP-5	TP-5	TP-6	TP-7
UNITS:	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
DATE SAMPLED:	09/01/88	09/01/88	09/01/88	09/01/88	09/01/88	09/01/88	09/02/88

*** PESTICIDES ***

PP	CAS NO	COMPOUND
92P	50-29-3	4,4'-DDT
93P	72-55-9	4,4'-DDE
107P	11097-69-1	AROCLOR-1254

001125

BYRON BARREL & DRUM - SUBSURFACE SOILS

SAMPLE NUMBER:
TRAFFIC REPORT NUMBER:
SAMPLING POINT:
LOCATION:
DESCRIPTION:
UNITS:
DATE SAMPLED:

BS-SS019-1M	BS-SS020-1M	BS-SS021-1	BS-SS021-1M	BS-SS022-1M	BS-SS023-1M	BS-SS024-1M
NA	NA	MBR781	NA	NA	NA	NA
		SOURCE 1				
		4'				
		TP-5				
		MG/KG				
/ /	/ /	09/01/88	/ /	/ /	/ /	/ /

*** INORGANICS ***

PP	CAS NO	COMPOUND
1		ALUMINUM
2		ANTIMONY
3		ARSENIC
4		BARIUM
6		CADMIUM
7		CALCIUM
8		CHROMIUM
9		COBALT
10		COPPER
11		IRON
12		LEAD
13		MAGNESIUM
14		MANGANESE
16		NICKEL
17		POTASSIUM
19		SILVER
20		SODIUM
23		VANADIUM
24		ZINC

3900
2.1
38.7
46400
3.0
J 5.9
7130
5.8
13400
J 270
279
83.5
J 8.7
J 57.9

001126

BYRON BARREL & DRUM - SUBSURFACE SOILS

SAMPLE NUMBER:
 TRAFFIC REPORT NUMBER:
 SAMPLING POINT:
 LOCATION:
 DESCRIPTION:
 UNITS:
 DATE SAMPLED:

BS-SS019-1M	BS-SS020-1M	BS-SS021-1	BS-SS021-1M	BS-SS022-1M	BS-SS023-1M	BS-SS024-1M
NA	NA	56562	NA	NA	NA	NA
		SOURCE 1				
		4'				
		TP-5				
		MG/KG				
/ /	/ /	09/01/88	/ /	/ /	/ /	/ /

*** GEOCHEMICAL PARAMETERS ***

PP	CAS NO	COMPOUND
		TOTAL ORGANIC CARBON

8080

001127

BYRON BARREL & DRUM - SUBSURFACE SOILS

SAMPLE NUMBER:	BS-SS025-1	BS-SS025-1M	BS-SS026-1	BS-SS026-1M	BS-SS027-1M	BS-SS028-1	BS-SS028-1M
TRAFFIC REPORT NUMBER:	BQ722	MOBILE LAB	BQ724	MOBILE LAB	MOBILE LAB	BQ723	MOBILE LAB
SAMPLING POINT:	SOURCE 1	SOURCE 1	SOURCE 1	SOURCE 1	SOURCE 1	SOURCE 1	SOURCE 1
LOCATION:	4'	4'	6'	6'	1.5' - 2'	4'	4'
DESCRIPTION:	TP-7	TP-7	TP-7	TP-7	TP-8	TP-8	TP-8
UNITS:	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
DATE SAMPLED:	09/02/88	09/02/88	09/02/88	09/02/88	09/02/88	09/02/88	09/02/88

*** VOLATILES ***

PP	CAS NO	COMPOUND					
	67-64-1	ACETONE	J 270				
4V	71-43-2	BENZENE				J 5	
86V	108-88-3	TOLUENE	J 700	41			65
38V	100-41-4	ETHYLBENZENE	J 51				
	95-47-6	TOTAL XYLENES					7
11V	71-55-6	1,1,1-TRICHLOROETHANE		66		J 227	
14V	79-00-5	1,1,2-TRICHLOROETHANE					
10V	107-06-2	1,2-DICHLOROETHANE					
85V	127-18-4	TETRACHLOROETHENE	J 410	30			29
87V	79-01-6	TRICHLOROETHENE	J 420	J 35	230	J 17	46
30V	156-60-5	TRANS-1,2-DICHLOROETHENE					
29V	75-35-4	1,1-DICHLOROETHENE					
44V	75-09-2	METHYLENE CHLORIDE	J 66				
33VT	10061-02-6	TRANS-1,3-DICHLOROPROPENE					7

001128

BYRON BARREL & DRUM - SUBSURFACE SOILS

SAMPLE NUMBER:	BS-SS025-1	BS-SS025-1M	BS-SS026-1	BS-SS026-1M	BS-SS027-1M	BS-SS028-1	BS-SS028-1M
TRAFFIC REPORT NUMBER:	BQ722	MOBILE LAB	BQ724	MOBILE LAB	MOBILE LAB	BQ723	MOBILE LAB
SAMPLE POINT:	SOURCE 1	SOURCE 1	SOURCE 1	SOURCE 1	SOURCE 1	SOURCE 1	SOURCE 1
LOCATION:	4'	NA	6'	NA	NA	4'	NA
DESCRIPTION:	TP-7	TP-7	TP-7	TP-7	TP-8	TP-8	TP-8
UNITS:	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
DATE SAMPLED:	09/02/88	09/02/88	09/02/88	09/02/88	09/02/88	09/02/88	09/02/88

*** BASE/NEUTRALS ***

PP	CAS NO	COMPOUND
66B	117-81-7	BIS(2-ETHYLHEXYL)PHthalate
68B	84-74-2	DI-N-BUTYL PHthalate
70B	84-66-2	DIETHYL PHthalate
71B	131-11-3	DIMETHYL PHthalate
55B	91-20-3	NAPhtHAlene
84B	129-00-0	PYRENE

J 160
1900

1200

1700

001129

BYRON BARREL & DRUM - SUBSURFACE SOILS

SAMPLE NUMBER:	BS-SS025-1	BS-SS025-1M	BS-SS026-1	BS-SS026-1M	BS-SS027-1M	BS-SS028-1	BS-SS028-1M
TRAFFIC REPORT NUMBER:	BQ722	MOBILE LAB	BQ724	MOBILE LAB	MOBILE LAB	BQ723	MOBILE LAB
SAMPLING POINT:	SOURCE 1	SOURCE 1	SOURCE 1	SOURCE 1	SOURCE 1	SOURCE 1	SOURCE 1
LOCATION:	4'	NA	6'	NA	NA	4'	NA
DESCRIPTION:	TP-7	TP-7	TP-7	TP-7	TP-8	TP-8	TP-8
UNITS:	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
DATE SAMPLED:	09/02/88	09/02/88	09/02/88	09/02/88	09/02/88	09/02/88	09/02/88

*** ACIDS ***

PP	CAS NO	COMPOUND

NO PARAMETERS FOR THIS CATEGORY

001130

BYRON BARREL & DRUM - SUBSURFACE SOILS

SAMPLE NUMBER:
TRAFFIC REPORT NUMBER:
SAMPLING POINT:
LOCATION:
DESCRIPTION:
UNITS:
DATE SAMPLED:

BS-SS025-1	BS-SS025-1M	BS-SS026-1	BS-SS026-1M	BS-SS027-1M	BS-SS028-1	BS-SS028-1M
BQ722	MOBILE LAB	BQ724	MOBILE LAB	MOBILE LAB	BQ723	MOBILE LAB
SOURCE 1	SOURCE 1	SOURCE 1	SOURCE 1	SOURCE 1	SOURCE 1	SOURCE 1
4'	NA	6'	NA	NA	4'	NA
TP-7	TP-7	TP-7	TP-7	TP-8	TP-8	TP-8
UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
09/02/88	09/02/88	09/02/88	09/02/88	09/02/88	09/02/88	09/02/88

*** PESTICIDES ***

PP	CAS NO	COMPOUND

92P	50-29-3	4,4'-DDT
93P	72-55-9	4,4'-DDE
107P	11097-69-1	AROCLOR-1254

001131

BYRON BARREL & DRUM - SUBSURFACE SOILS

SAMPLE NUMBER:
TRAFFIC REPORT NUMBER:
SAMPLING POINT:
LOCATION:
DESCRIPTION:
UNITS:
DATE SAMPLED:

BS-SS025-1	BS-SS025-1M	BS-SS026-1	BS-SS026-1M	BS-SS027-1M	BS-SS028-1	BS-SS028-1M
MBR782	NA	MBR784	NA	NA	MBR783	NA
SOURCE 1		SOURCE 1			SOURCE 1	
4'		6'			4'	
TP-7		TP-7			TP-8	
MG/KG		MG/KG			MG/KG	
09/02/88	/ /	09/02/88	/ /	/ /	09/02/88	/ /

*** INORGANICS ***

PP	CAS NO	COMPOUND
1		ALUMINUM
2		ANTIMONY
3		ARSENIC
4		BARIUM
6		CADMIUM
7		CALCIUM
8		CHROMIUM
9		COBALT
10		COPPER
11		IRON
12		LEAD
13		MAGNESIUM
14		MANGANESE
16		NICKEL
17		POTASSIUM
19		SILVER
20		SODIUM
23		VANADIUM
24		ZINC

5640	3130	3360
2.9	1.7	2.8
68.5	34.7	44.2
26800	83700	52000
6.3	4.9	3.7
J 11.8	J 9.6	J 10.6
12300	7710	7970
4.7	6.8	J 6.1
14500	23800	19000
J 222	J 428	J 411
543		240
73.4	98.4	80.5
J 14.4	J 10.7	J 8.6
J 87.8	J 79.8	J 76.8

001132

BYRON BARREL & DRUM - SUBSURFACE SOILS

SAMPLE NUMBER:
TRAFFIC REPORT NUMBER:
SAMPLING POINT:
LOCATION:
DESCRIPTION:
UNITS:
DATE SAMPLED:

BS-SS025-1	BS-SS025-1M	BS-SS026-1	BS-SS026-1M	BS-SS027-1M	BS-SS028-1	BS-SS028-1M
56563	NA	56564	NA	NA	56565	NA
SOURCE 1		SOURCE 1			SOURCE 1	
4'		6'			4'	
TP-7		TP-7			TP-8	
MG/KG		MG/KG			MG/KG	
09/02/88	/ /	09/02/88	/ /	/ /	09/02/88	/ /

*** GEOCHEMICAL PARAMETERS ***

PP CAS NO COMPOUND

TOTAL ORGANIC CARBON

9280

3600

8300

001133

BYRON BARREL & DRUM - SUBSURFACE SOILS

SAMPLE NUMBER:	BS-SS029-1	BS-SS029-1A	BS-SS029-1M	BS-SS030-1M	BS-SS031-1M	BS-SS032-1M	BS-SS033-1M
TRAFFIC REPORT NUMBER:	BQ725	BQ726	MOBILE LAB	MOBILE LAB	MOBILE LAB	MOBILE LAB	MOBILE LAB
SAMPLING POINT:	SOURCE 1	SOURCE 1	SOURCE 1	SOURCE 1	SOURCE 1	SOURCE 1	SOURCE 1
LOCATION:	6'	6'	6'	1.5' - 2'	4'	6'	1.5' - 2'
DESCRIPTION:	TP-8	DUP TP-8	TP-8	TP-9	TP-9	TP-9	TP-10
UNITS:	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
DATE SAMPLED:	09/02/88	09/02/88	09/02/88	09/02/88	09/02/88	09/02/88	09/02/88

*** VOLATILES ***

PP	CAS NO	COMPOUND
	67-64-1	ACETONE
4V	71-43-2	BENZENE
86V	108-88-3	TOLUENE
38V	100-41-4	ETHYLBENZENE
	95-47-6	TOTAL XYLENES
11V	71-55-6	1,1,1-TRICHLOROETHANE
14V	79-00-5	1,1,2-TRICHLOROETHANE
10V	107-06-2	1,2-DICHLOROETHANE
85V	127-18-4	TETRACHLOROETHENE
87V	79-01-6	TRICHLOROETHENE
30V	156-60-5	TRANS-1,2-DICHLOROETHENE
29V	75-35-4	1,1-DICHLOROETHENE
44V	75-09-2	METHYLENE CHLORIDE
33VT	10061-02-6	TRANS-1,3-DICHLOROPROPENE

00134

BYRON BARREL & DRUM - SUBSURFACE SOILS

SAMPLE NUMBER:	BS-SS029-1	BS-SS029-1A	BS-SS029-1H	BS-SS030-1H	BS-SS031-1H	BS-SS032-1H	BS-SS033-1H
TRAFFIC REPORT NUMBER:	BQ725	BQ726	MOBILE LAB	MOBILE LAB	MOBILE LAB	MOBILE LAB	MOBILE LAB
SAMPLING POINT:	SOURCE 1	SOURCE 1	SOURCE 1	SOURCE 1	SOURCE 1	SOURCE 1	SOURCE 1
LOCATION:	6'	6'	NA	NA	NA	NA	NA
DESCRIPTION:	TP-8	DUP TP-8	TP-8	TP-9	TP-9	TP-9	TP-10
UNITS:	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
DATE SAMPLED:	09/02/88	09/02/88	09/02/88	09/02/88	09/02/88	09/02/88	09/02/88

*** BASE/NEUTRALS ***

PP	CAS NO	COMPOUND
66B	117-81-7	BIS(2-ETHYLHEXYL)PHTHALATE
68B	84-74-2	DI-N-BUTYL PHTHALATE
70B	84-66-2	DIETHYL PHTHALATE
71B	131-11-3	DIMETHYL PHTHALATE
55B	91-20-3	NAPHTHALENE
84B	129-00-0	PYRENE

J 80	
1900	2000

001135

BYRON BARREL & DRUM - SUBSURFACE SOILS

SAMPLE NUMBER:	BS-SS029-1	BS-SS029-1A	BS-SS029-1M	BS-SS030-1M	BS-SS031-1M	BS-S9032-1M	BS-SS033-1M
TRAFFIC REPORT NUMBER:	BQ725	BQ726	MOBILE LAB	MOBILE LAB	MOBILE LAB	MOBILE LAB	MOBILE LAB
SAMPLING POINT:	SOURCE 1	SOURCE 1	SOURCE 1	SOURCE 1	SOURCE 1	SOURCE 1	SOURCE 1
LOCATION:	6'	6'	NA	NA	NA	NA	NA
DESCRIPTION:	TP-8	DUP TP-8	TP-8	TP-9	TP-9	TP-9	TP-10
UNITS:	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
DATE SAMPLED:	09/02/88	09/02/88	09/02/88	09/02/88	09/02/88	09/02/88	09/02/88

*** ACIDS ***

PP	CAS NO	COMPOUND

NO PARAMETERS FOR THIS CATEGORY

001136

BYRON BARREL & DRUM - SUBSURFACE SOILS

SAMPLE NUMBER:	BS-SS029-1	BS-SS029-1A	BS-SS029-1M	BS-SS030-1M	BS-SS031-1M	BS-S9032-1M	BS-SS033-1M
TRAFFIC REPORT NUMBER:	BQ725	BQ726	MOBILE LAB	MOBILE LAB	MOBILE LAB	MOBILE LAB	MOBILE LAB
SAMPLING POINT:	SOURCE 1	SOURCE 1	SOURCE 1	SOURCE 1	SOURCE 1	SOURCE 1	SOURCE 1
LOCATION:	6'	6'	NA	NA	NA	NA	NA
DESCRIPTION:	TP-8	DUP TP-8	TP-8	TP-9	TP-9	TP-9	TP-10
UNITS:	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
DATE SAMPLED:	09/02/88	09/02/88	09/02/88	09/02/88	09/02/88	09/02/88	09/02/88

*** PESTICIDES ***

PP	CAS NO	COMPOUND
92P	50-29-3	4,4'-DDT
93P	72-55-9	4,4'-DDE
107P	11097-69-1	AROCLOR-1254

001137

BYRON BARREL & DRUM - SUBSURFACE SOILS

SAMPLE NUMBER:	BS-SS029-1	BS-SS029-1A	BS-SS029-1M	BS-SS030-1M	BS-SS031-1M	BS-SS032-1M	BS-SS033-1M
TRAFFIC REPORT NUMBER:	MBR785	MBR786	NA	NA	NA	NA	NA
SAMPLING POINT:	SOURCE 1	SOURCE 1					
LOCATION:	6'	6'					
DESCRIPTION:	TP-8	DUP TP-8					
UNITS:	MG/KG	MG/KG					
DATE SAMPLED:	09/02/88	09/02/88	/ /	/ /	/ /	/ /	/ /

*** INORGANICS ***

PP	CAS NO	COMPOUND		
1		ALUMINUM	3600	2970
2		ANTIMONY		
3		ARSENIC	1.8	2.2
4		BARIUM	31.4	36.9
6		CADMIUM		
7		CALCIUM	91600	58000
8		CHROMIUM		
9		COBALT	5.8	4.4
10		COPPER	J 10.1	J 8.9
11		IRON	8400	6720
12		LEAD	5.6	13.3
13		MAGNESIUM	26500	16700
14		MANGANESE	J 484	J 349
16		NICKEL	8.2	
17		POTASSIUM	357	275
19		SILVER		
20		SODIUM	105	71
23		VANADIUM	J 9.0	J 7.8
24		ZINC	J 76	J 67.4

001138

BYRON BARREL & DRUM - SUBSURFACE SOILS

SAMPLE NUMBER:	BS-SS034-1M	BS-SS035-1	BS-SS035-1M	BS-SS036-1M	BS-SS037-1M	B9-SS038-1	BS-SS038-1M
TRAFFIC REPORT NUMBER:	MOBILE LAB	BQ727	MOBILE LAB	MOBILE LAB	MOBILE LAB	BQ728	MOBILE LAB
SAMPLING POINT:	SOURCE 1	SOURCE 1	SOURCE 1	SOURCE 1	SOURCE 1	SOURCE 1	SOURCE 1
LOCATION:	4'	6'	6'	8'	1.5' - 2'	4'	4'
DESCRIPTION:	TP-10	TP-10	TP-10	TP-10	TP-0	TP-0	TP-0
UNITS:	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
DATE SAMPLED:	09/02/88	09/02/88	09/02/88	09/02/88	09/02/88	09/02/88	09/02/88

*** VOLATILES ***

PP	CAS NO	COMPOUND
	67-64-1	ACETONE
4V	71-43-2	BENZENE
86V	108-88-3	TOLUENE
38V	100-41-4	ETHYLBENZENE
	95-47-6	TOTAL XYLENES
11V	71-55-6	1,1,1-TRICHLOROETHANE
14V	79-00-5	1,1,2-TRICHLOROETHANE
10V	107-06-2	1,2-DICHLOROETHANE
85V	127-18-4	TETRACHLOROETHENE
87V	79-01-6	TRICHLOROETHENE
30V	156-60-5	TRANS-1,2-DICHLOROETHENE
29V	75-35-4	1,1-DICHLOROETHENE
44V	75-09-2	METHYLENE CHLORIDE
33VT	10061-02-6	TRANS-1,3-DICHLOROPROPENE

32

47

89

12

8

13

45

120

J 9

J 2

41

001139

BYRON BARREL & DRUM - SUBSURFACE SOILS

SAMPLE NUMBER:	BS-SS034-1M	BS-SS035-1	BS-SS035-1M	BS-SS036-1M	BS-SS037-1M	BS-SS038-1	BS-SS038-1M
TRAFFIC REPORT NUMBER:	MOBILE LAB	BQ727	MOBILE LAB	MOBILE LAB	MOBILE LAB	BQ728	MOBILE LAB
SAMPLING POINT:	SOURCE 1	SOURCE 1	SOURCE 1	SOURCE 1	SOURCE 1	SOURCE 1	SOURCE 1
LOCATION:	NA	6'	NA	NA	NA	4'	NA
DESCRIPTION:	TP-10	TP-10	TP-10	TP-10	TP-0	TP-0	TP-0
UNITS:	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
DATE SAMPLED:	09/02/88	09/02/88	09/02/88	09/02/88	09/02/88	09/02/88	09/02/88

*** BASE/NEUTRALS ***

PP	CAS NO	COMPOUND
66B	117-81-7	BIS(2-ETHYLHEXYL)PHTHALATE
68B	84-74-2	DI-N-BUTYL PHTHALATE
70B	84-66-2	DIETHYL PHTHALATE
71B	131-11-3	DIMETHYL PHTHALATE
55B	91-20-3	NAPHTHALENE
84B	129-00-0	PYRENE

1900

J 120
1800

001140

BYRON BARREL & DRUM - SUBSURFACE SOILS

SAMPLE NUMBER:	BS-SS034-1M	BS-SS035-1	BS-SS035-1M	BS-SS036-1M	BS-SS037-1M	BS-SS038-1	BS-SS038-1M
TRAFFIC REPORT NUMBER:	MOBILE LAB	BQ727	MOBILE LAB	MOBILE LAB	MOBILE LAB	BQ728	MOBILE LAB
SAMPLING POINT:	SOURCE 1	SOURCE 1	SOURCE 1	SOURCE 1	SOURCE 1	SOURCE 1	SOURCE 1
LOCATION:	NA	6'	NA	NA	NA	4'	NA
DESCRIPTION:	TP-10	TP-10	TP-10	TP-10	TP-0	TP-0	TP-0
UNITS:	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
DATE SAMPLED:	09/02/88	09/02/88	09/02/88	09/02/88	09/02/88	09/02/88	09/02/88

*** ACIDS ***

PP	CAS NO	COMPOUND

NO PARAMETERS FOR THIS CATEGORY

001141

BYRON BARREL & DRUM - SUBSURFACE SOILS

SAMPLE NUMBER:
 TRAFFIC REPORT NUMBER:
 SAMPLING POINT:
 LOCATION:
 DESCRIPTION:
 UNITS:
 DATE SAMPLED:

BS-SS034-1M	BS-SS035-1	BS-SS035-1M	BS-SS036-1M	BS-SS037-1M	B9-SS038-1	BS-9S038-1M
MOBILE LAB	BQ727	MOBILE LAB	MOBILE LAB	MOBILE LAB	BQ728	MOBILE LAB
SOURCE 1	SOURCE 1	SOURCE 1	SOURCE 1	SOURCE 1	SOURCE 1	SOURCE 1
NA	6'	NA	NA	NA	4'	NA
TP-10	TP-10	TP-10	TP-10	TP-0	TP-0	TP-0
UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
09/02/88	09/02/88	09/02/88	09/02/88	09/02/88	09/02/88	09/02/88

*** PESTICIDES ***

PP	CAS NO	COMPOUND
92P	50-29-3	4,4'-DDT
93P	72-55-9	4,4'-DDE
107P	11097-69-1	AROCOR-1254

001142

BYRON BARREL & DRUM - SUBSURFACE SOILS

SAMPLE NUMBER:	BS-SS034-1M	BS-SS035-1	BS-SS035-1M	BS-SS036-1M	BS-SS037-1M	BS-SS038-1	BS-SS038-1M
TRAFFIC REPORT NUMBER:	NA	MBR787	NA	NA	NA	MBR788	NA
SAMPLING POINT:		SOURCE 1				SOURCE 1	
LOCATION:		6'				4'	
DESCRIPTION:		TP-10				TP-0	
UNITS:		MG/KG				MG/KG	
DATE SAMPLED:	/ /	09/02/88	/ /	/ /	/ /	09/02/88	/ /

*** INORGANICS ***

PP	CAS NO	COMPOUND		
1		ALUMINUM	1910	3730
2		ANTIMONY		
3		ARSENIC	1.7	2.9
4		BARIUM	20	48.7
6		CADMIUM	1.2	
7		CALCIUM	67600	19400
8		CHROMIUM		
9		COBALT	3.6	4.5
10		COPPER	J 6.4	J 6.3
11		IRON	5060	7400
12		LEAD	12.8	11.3
13		MAGNESIUM	15800	5670
14		MANGANESE	J 271	J 218
16		NICKEL		
17		POTASSIUM		329
19		SILVER		
20		SODIUM	69	67.2
23		VANADIUM	J 5.3	J 8.8
24		ZINC	J 54.4	J 57.5

001143

BYRON BARREL & DRUM - SUBSURFACE SOILS

SAMPLE NUMBER:	BS-SS039-1M	BS-SS040-1M	BS-SS041-1M	BS-SS042-1	BS-SS042-1M	BS-SS043-1	BS-SS043-1M
TRAFFIC REPORT NUMBER:	MOBILE LAB	MOBILE LAB	MOBILE LAB	BQ729	MOBILE LAB	BQ730	MOBILE LAB
SAMPLING POINT:	SOURCE 1	SOURCE 1	SOURCE 1	SOURCE 1	SOURCE 1	SOURCE 1	SOURCE 1
LOCATION:	6'	1.5' - 2'	1.5' - 2'	4'	4'	6'	6'
DESCRIPTION:	TP-0	TP-11	TP-12	TP-12	TP-12	TP-12	TP-12
UNITS:	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
DATE SAMPLED:	09/02/88	09/02/88	09/02/88	09/02/88	09/02/88	09/02/88	09/02/88

*** VOLATILES ***

PP	CAS NO	COMPOUND
	67-64-1	ACETONE
4V	71-43-2	BENZENE
86V	108-88-3	TOLUENE
38V	100-41-4	ETHYLBENZENE
	95-47-6	TOTAL XYLENES
11V	71-55-6	1,1,1-TRICHLOROETHANE
14V	79-00-5	1,1,2-TRICHLOROETHANE
10V	107-06-2	1,2-DICHLOROETHANE
85V	127-18-4	TETRACHLOROETHENE
87V	79-01-6	TRICHLOROETHENE
30V	156-60-5	TRANS-1,2-DICHLOROETHENE
29V	75-35-4	1,1-DICHLOROETHENE
44V	75-09-2	METHYLENE CHLORIDE
33VT	10061-02-6	TRANS-1,3-DICHLOROPROPENE

6

16

J 8

J 15

J 3
13

10
53

190

160

0011100

BYRON BARREL & DRUM - SUBSURFACE SOILS

SAMPLE NUMBER:	BS-SS039-1M	BS-SS040-1M	BS-SS041-1M	BS-SS042-1	BS-SS042-1M	BS-SS043-1	BS-SS043-1M
TRAFFIC REPORT NUMBER:	MOBILE LAB	MOBILE LAB	MOBILE LAB	BQ729	MOBILE LAB	BQ730	MOBILE LAB
SAMPLING POINT:	SOURCE 1	SOURCE 1	SOURCE 1	SOURCE 1	SOURCE 1	SOURCE 1	SOURCE 1
LOCATION:	NA	NA	NA	4'	NA	6'	NA
DESCRIPTION:	TP-0	TP-11	TP-12	TP-12	TP-12	TP-12	TP-12
UNITS:	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
DATE SAMPLED:	09/02/88	09/02/88	09/02/88	09/02/88	09/02/88	09/02/88	09/02/88

*** BASE/NEUTRALS ***

PP	CAS NO	COMPOUND
66B	117-81-7	BIS(2-ETHYLHEXYL)PHTHALATE
68B	84-74-2	DI-N-BUTYL PHTHALATE
70B	84-66-2	DIETHYL PHTHALATE
71B	131-11-3	DIMETHYL PHTHALATE
55B	91-20-3	NAPHTHALENE
84B	129-00-0	PYRENE

001145

BYRON BARREL & DRUM - SUBSURFACE SOILS

SAMPLE NUMBER:	BS-SS039-1M	BS-SS040-1M	BS-SS041-1M	BS-SS042-1	BS-SS042-1M	BS-SS043-1	BS-SS043-1M
TRAFFIC REPORT NUMBER:	MOBILE LAB	MOBILE LAB	MOBILE LAB	BQ729	MOBILE LAB	BQ730	MOBILE LAB
SAMPLING POINT:	SOURCE 1	SOURCE 1	SOURCE 1	SOURCE 1	SOURCE 1	SOURCE 1	SOURCE 1
LOCATION:	NA	NA	NA	4'	NA	6'	NA
DESCRIPTION:	TP-0	TP-11	TP-12	TP-12	TP-12	TP-12	TP-12
UNITS:	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
DATE SAMPLED:	09/02/88	09/02/88	09/02/88	09/02/88	09/02/88	09/02/88	09/02/88

*** ACIDS ***

PP	CAS NO	COMPOUND

NO PARAMETERS FOR THIS CATEGORY

0010

BYRON BARREL & DRUM - SUBSURFACE SOILS

SAMPLE NUMBER:
 TRAFFIC REPORT NUMBER:
 SAMPLING POINT:
 LOCATION:
 DESCRIPTION:
 UNITS:
 DATE SAMPLED:

BS-SS039-1M	BS-SS040-1M	BS-SS041-1M	BS-SS042-1	BS-SS042-1M	BS-SS043-1	BS-SS043-1M
MOBILE LAB	MOBILE LAB	MOBILE LAB	BQ729	MOBILE LAB	BQ730	MOBILE LAB
SOURCE 1	SOURCE 1	SOURCE 1	SOURCE 1	SOURCE 1	SOURCE 1	SOURCE 1
NA	NA	NA	4'	NA	6'	NA
TP-0	TP-11	TP-12	TP-12	TP-12	TP-12	TP-12
UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
09/02/88	09/02/88	09/02/88	09/02/88	09/02/88	09/02/88	09/02/88

***PESTICIDES ***

PP	CAS NO	COMPOUND
92P	50-29-3	4,4'-DDT
93P	72-55-9	4,4'-DDE
107P	11097-69-1	AROCOR-1254

J 12
 J 7

001147

BYRON BARREL & DRUM - SUBSURFACE SOILS

SAMPLE NUMBER:	BS-SS039-1M	BS-SS040-1M	BS-SS041-1M	BS-SS042-1	BS-SS042-1M	BS-SS043-1	BS-SS043-1M
TRAFFIC REPORT NUMBER:	NA	NA	NA	MBR789	NA	MBR790	NA
SAMPLING POINT:				SOURCE 1		SOURCE 1	
LOCATION:				4'		6'	
DESCRIPTION:				TP-12		TP-12	
UNITS:				MG/KG		MG/KG	
DATE SAMPLED:	/ /	/ /	/ /	09/02/88	/ /	09/02/88	/ /

*** INORGANICS ***

PP	CAS NO	COMPOUND		
1		ALUMINUM	2970	2600
2		ANTIMONY		
3		ARSENIC	1.3	1.5
4		BARIUM	54	38.8
6		CADMIUM		
7		CALCIUM	8850	41200
8		CHROMIUM		
9		COBALT	4.7	4.6
10		COPPER	J 3.2	J 6.3
11		IRON	6060	5500
12		LEAD	6.6	9.1
13		MAGNESIUM	3680	14100
14		MANGANESE	J 193	J 248
16		NICKEL		
17		POTASSIUM		295
19		SILVER		
20		SODIUM	61.4	64.5
23		VANADIUM	J 8.1	J 7.3
24		ZINC	J 52.5	J 59.4

001148

BYRON BARREL & DRUM - SUBSURFACE SOILS

SAMPLE NUMBER:
TRAFFIC REPORT NUMBER:
SAMPLING POINT:
LOCATION:
DESCRIPTION:
UNITS:
DATE SAMPLED:

BS-SS044-1M	BS-SS044-1MA	BS-SS045-1	BS-SS045-1M	BS-SS046-1M	BS-SS047-1M	BS-SS048-1M
MOBILE LAB	MOBILE LAB	BR201	MOBILE LAB	MOBILE LAB	MOBILE LAB	MOBILE LAB
SOURCE 1	SOURCE 1	SOURCE 1	SOURCE 1	SOURCE 1	SOURCE 1	SOURCE 1
3'	3'	6'	6'	3'	6'	3'
TP-13	DUP TP-13	TP-13	TP-13	TP-14	TP-14	TP-15
UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
09/06/88	09/06/88	09/06/88	09/06/88	09/06/88	09/06/88	09/06/88

*** VOLATILES ***

PP	CAS NO	COMPOUND
67-64-1		ACETONE
4V 71-43-2		BENZENE
86V 108-88-3		TOLUENE
38V 100-41-4		ETHYLBENZENE
95-47-6		TOTAL XYLENES
11V 71-55-6		1,1,1-TRICHLOROETHANE
14V 79-00-5		1,1,2-TRICHLOROETHANE
10V 107-06-2		1,2-DICHLOROETHANE
85V 127-18-4		TETRACHLOROETHENE
87V 79-01-6		TRICHLOROETHENE
30V 156-60-5		TRANS-1,2-DICHLOROETHENE
29V 75-35-4		1,1-DICHLOROETHENE
44V 75-09-2		METHYLENE CHLORIDE
33VT 10061-02-6		TRANS-1,3-DICHLOROPROPENE

J 15

J 18

J 54

J 9

J 191

J 71

J 22

J 46

001149

BYRON BARREL & DRUM - SUBSURFACE SOILS

SAMPLE NUMBER:	BS-SS044-1M	BS-SS044-1MA	BS-SS045-1	BS-SS045-1M	BS-SS046-1M	BS-SS047-1M	BS-SS048-1M
TRAFFIC REPORT NUMBER:	MOBILE LAB	MOBILE LAB	BR201	MOBILE LAB	MOBILE LAB	MOBILE LAB	MOBILE LAB
SAMPLING POINT:	SOURCE 1	SOURCE 1	SOURCE 1	SOURCE 1	SOURCE 1	SOURCE 1	SOURCE 1
LOCATION:	NA	NA	6'	NA	NA	NA	NA
DESCRIPTION:	TP-13	DUP TP-13	TP-13	TP-13	TP-14	TP-14	TP-15
UNITS:	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
DATE SAMPLED:	09/06/88	09/06/88	09/06/88	09/06/88	09/06/88	09/06/88	09/06/88

*** BASE/NEUTRALS ***

PP	CAS NO	COMPOUND
66B	117-81-7	BIS(2-ETHYLHEXYL)PHthalate
68B	84-74-2	DI-N-BUTYL PHthalate
70B	84-66-2	DIETHYL PHthalate
71B	131-11-3	DIMETHYL PHthalate
55B	91-20-3	NAPhtHAlene
84B	129-00-0	PYRENE

001150

BYRON BARREL & DRUM - SUBSURFACE SOILS

SAMPLE NUMBER:	BS-SS044-1M	BS-SS044-1MA	BS-SS045-1	BS-SS045-1M	BS-SS046-1M	BS-SS047-1M	BS-SS048-1M
TRAFFIC REPORT NUMBER:	MOBILE LAB	MOBILE LAB	BR201	MOBILE LAB	MOBILE LAB	MOBILE LAB	MOBILE LAB
SAMPLING POINT:	SOURCE 1	SOURCE 1	SOURCE 1	SOURCE 1	SOURCE 1	SOURCE 1	SOURCE 1
LOCATION:	NA	NA	6'	NA	NA	NA	NA
DESCRIPTION:	TP-13	DUP TP-13	TP-13	TP-13	TP-14	TP-14	TP-15
UNITS:	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
DATE SAMPLED:	09/06/88	09/06/88	09/06/88	09/06/88	09/06/88	09/06/88	09/06/88

*** ACIDS ***

PP	CAS NO	COMPOUND

NO PARAMETERS FOR THIS CATEGORY

001151

BYRON BARREL & DRUM - SUBSURFACE SOILS

SAMPLE NUMBER:
 TRAFFIC REPORT NUMBER:
 SAMPLING POINT:
 LOCATION:
 DESCRIPTION:
 UNITS:
 DATE SAMPLED:

BS-SS044-1M	BS-SS044-1MA	BS-SS045-1	BS-SS045-1M	BS-SS046-1M	BS-SS047-1M	BS-SS048-1M
MOBILE LAB	MOBILE LAB	BR201	MOBILE LAB	MOBILE LAB	MOBILE LAB	MOBILE LAB
SOURCE 1	SOURCE 1	SOURCE 1	SOURCE 1	SOURCE 1	SOURCE 1	SOURCE 1
NA	NA	6'	NA	NA	NA	NA
TP-13	DUP TP-13	TP-13	TP-13	TP-14	TP-14	TP-15
UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
09/06/88	09/06/88	09/06/88	09/06/88	09/06/88	09/06/88	09/06/88

*** PESTICIDES ***

PP	CAS NO	COMPOUND
92P	50-29-3	4,4'-DDT
93P	72-55-9	4,4'-DDE
107P	11097-69-1	AROCLOR-1254

001152

BYRON BARREL & DRUM - SUBSURFACE SOILS

SAMPLE NUMBER:
TRAFFIC REPORT NUMBER:
SAMPLING POINT:
LOCATION:
DESCRIPTION:
UNITS:
DATE SAMPLED:

BS-SS044-1M	BS-SS044-1MA	BS-SS045-1	BS-SS045-1M	BS-SS046-1M	BS-SS047-1M	BS-SS048-1M
NA	NA	MBP761	NA	NA	NA	NA
		SOURCE 1				
		6'				
		TP-13				
		UG/KG				
/ /	/ /	09/06/88	/ /	/ /	/ /	/ /

*** INORGANICS ***

PP	CAS NO	COMPOUND
1		ALUMINUM
2		ANTIMONY
3		ARSENIC
4		BARIUM
6		CADMIUM
7		CALCIUM
8		CHROMIUM
9		COBALT
10		COPPER
11		IRON
12		LEAD
13		MAGNESIUM
14		MANGANESE
16		NICKEL
17		POTASSIUM
19		SILVER
20		SODIUM
23		VANADIUM
24		ZINC

4640.0
1.4
J 66.6
5110.0
6.6
2.6
7.4
9980.0
2690.0
J 244.0
4.9
538.0
756.0
11.0
J 31.3

001153

BYRON BARREL & DRUM - SUBSURFACE SOILS

SAMPLE NUMBER:	BS-SS049-1M	BS-SS050-1M	BS-SS051-1	BS-SS051-1M	BS-SS052-1M	BS-SS053-1	BS-SS053-1M
TRAFFIC REPORT NUMBER:	MOBILE LAB	MOBILE LAB	BR202	MOBILE LAB	MOBILE LAB	BR203	MOBILE LAB
SAMPLING POINT:	SOURCE 1	SOURCE 1	SOURCE 1	SOURCE 1	SOURCE 1	SOURCE 1	SOURCE 1
LOCATION:	6'	3'	6'	6'	3'	6'	6'
DESCRIPTION:	TP-15	TP-16	TP-16	TP-16	TP-17	TP-17	TP-17
UNITS:	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
DATE SAMPLED:	09/06/88	09/06/88	09/06/88	09/06/88	09/07/88	09/07/88	09/07/88

*** VOLATILES ***

PP	CAS NO	COMPOUND
	67-64-1	ACETONE
4V	71-43-2	BENZENE
86V	108-88-3	TOLUENE
38V	100-41-4	ETHYLBENZENE
	95-47-6	TOTAL XYLENES
11V	71-55-6	1,1,1-TRICHLOROETHANE
14V	79-00-5	1,1,2-TRICHLOROETHANE
10V	107-06-2	1,2-DICHLOROETHANE
85V	127-18-4	TETRACHLOROETHENE
87V	79-01-6	TRICHLOROETHENE
30V	156-60-5	TRANS-1,2-DICHLOROETHENE
29V	75-35-4	1,1-DICHLOROETHENE
44V	75-09-2	METHYLENE CHLORIDE
33VT	10061-02-6	TRANS-1,3-DICHLOROPROPENE

J 19

001154

BYRON BARREL & DRUM - SUBSURFACE SOILS

SAMPLE NUMBER:	BS-SS049-1M	BS-SS050-1M	BS-SS051-1	BS-SS051-1M	BS-SS052-1M	BS-SS053-1	BS-SS053-1M
TRAFFIC REPORT NUMBER:	MOBILE LAB	MOBILE LAB	BR202	MOBILE LAB	MOBILE LAB	BR203	MOBILE LAB
SAMPLING POINT:	SOURCE 1	SOURCE 1	SOURCE 1	SOURCE 1	SOURCE 1	SOURCE 1	SOURCE 1
LOCATION:	NA	NA	6'	NA	NA	6'	NA
DESCRIPTION:	TP-15	TP-16	TP-16	TP-16	TP-17	TP-17	TP-17
UNITS:	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
DATE SAMPLED:	09/06/88	09/06/88	09/06/88	09/06/88	09/07/88	09/07/88	09/07/88

*** BASE/NEUTRALS ***

PP	CAS NO	COMPOUND
66B	117-81-7	BIS(2-ETHYLHEXYL)PHTHALATE
68B	84-74-2	DI-N-BUTYL PHTHALATE
70B	84-66-2	DIETHYL PHTHALATE
71B	131-11-3	DIMETHYL PHTHALATE
55B	91-20-3	NAPHTHALENE
84B	129-00-0	PYRENE

001155

BYRON BARREL & DRUM - SUBSURFACE SOILS

SAMPLE NUMBER:	BS-SS049-1M	BS-SS050-1M	BS-SS051-1	BS-SS051-1M	BS-SS052-1M	BS-SS053-1	BS-SS053-1M
TRAFFIC REPORT NUMBER:	MOBILE LAB	MOBILE LAB	BR202	MOBILE LAB	MOBILE LAB	BR203	MOBILE LAB
SAMPLING POINT:	SOURCE 1	SOURCE 1	SOURCE 1	SOURCE 1	SOURCE 1	SOURCE 1	SOURCE 1
LOCATION:	NA	NA	6'	NA	NA	6'	NA
DESCRIPTION:	TP-15	TP-16	TP-16	TP-16	TP-17	TP-17	TP-17
UNITS:	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
DATE SAMPLED:	09/06/88	09/06/88	09/06/88	09/06/88	09/07/88	09/07/88	09/07/88

*** ACIDS ***

PP	CAS NO	COMPOUND

NO PARAMETERS FOR THIS CATEGORY

001156

BYRON BARREL & DRUM - SUBSURFACE SOILS

SAMPLE NUMBER:
TRAFFIC REPORT NUMBER:
SAMPLING POINT:
LOCATION:
DESCRIPTION:
UNITS:
DATE SAMPLED:

BS-SS049-1M	BS-SS050-1M	BS-SS051-1	BS-SS051-1M	BS-SS052-1M	BS-SS053-1	BS-SS053-1M
MOBILE LAB	MOBILE LAB	BR202	MOBILE LAB	MOBILE LAB	BR203	MOBILE LAB
SOURCE 1	SOURCE 1	SOURCE 1	SOURCE 1	SOURCE 1	SOURCE 1	SOURCE 1
NA	NA	6'	NA	NA	6'	NA
TP-15	TP-16	TP-16	TP-16	TP-17	TP-17	TP-17
UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
09/06/88	09/06/88	09/06/88	09/06/88	09/07/88	09/07/88	09/07/88

***PESTICIDES ***

PP	CAS NO	COMPOUND

92P	50-29-3	4,4'-DDT
93P	72-55-9	4,4'-DDE
107P	11097-69-1	AROCLOR-1254

001157

BYRON BARREL & DRUM - SUBSURFACE SOILS

SAMPLE NUMBER:	BS-SS049-1M	BS-SS050-1M	BS-SS051-1	BS-SS051-1M	BS-SS052-1M	BS-SS053-1	BS-SS053-1M
TRAFFIC REPORT NUMBER:	NA	NA	MBP762	NA	NA	MBP763	NA
SAMPLING POINT:			SOURCE 1			SOURCE 1	
LOCATION:			6'			6'	
DESCRIPTION:			TP-16			TP-17	
UNITS:			UG/KG			UG/KG	
DATE SAMPLED:	/ /	/ /	09/06/88	/ /	/ /	09/07/88	/ /

*** INORGANICS ***

PP	CAS NO	COMPOUND		
1		ALUMINUM	1370.0	2530.0
2		ANTIMONY		
3		ARSENIC	1.4	
4		BARIUM	J 10.2	J 23.5
6		CADMIUM		
7		CALCIUM	31500.0	9640.0
8		CHROMIUM	1.7	4.2
9		COBALT	1.7	2.5
10		COPPER	12.8	4.9
11		IRON	3210.0	5170.0
12		LEAD		
13		MAGNESIUM	7230.0	4420.0
14		MANGANESE	J 137.0	J 163.0
16		NICKEL		
17		POTASSIUM	696.0	531.0
19		SILVER	J 57.7	
20		SODIUM		
23		VANADIUM	4.0	6.8
24		ZINC	J 17.4	J 37.1

001158

BYRON BARREL & DRUM - SUBSURFACE SOILS

SAMPLE NUMBER:
 TRAFFIC REPORT NUMBER:
 SAMPLING POINT:
 LOCATION:
 DESCRIPTION:
 UNITS:
 DATE SAMPLED:

BS-SS054-1M	BS-SS055-1M	BS-SS056-1M	BS-SS057-1M	BS-SS058-1M	BS-SS059-1	BS-SS059-1M
MOBILE LAB	MOBILE LAB	MOBILE LAB	MOBILE LAB	MOBILE LAB	BR204	MOBILE LAB
SOURCE 1	SOURCE 1	SOURCE 1	SOURCE 1	SOURCE 1	SOURCE 1	SOURCE 1
3'	6'	3'	6'	3'	6'	6'
TP-18	TP-18	TP-19	TP-19	TP-20	TP-20	TP-20
UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
09/07/88	09/07/88	09/07/88	09/07/88	09/07/88	09/07/88	09/07/88

*** VOLATILES ***

PP	CAS NO	COMPOUND
	67-64-1	ACETONE
4V	71-43-2	BENZENE
86V	108-88-3	TOLUENE
38V	100-41-4	ETHYLBENZENE
	95-47-6	TOTAL XYLENES
11V	71-55-6	1,1,1-TRICHLOROETHANE
14V	79-00-5	1,1,2-TRICHLOROETHANE
10V	107-06-2	1,2-DICHLOROETHANE
85V	127-18-4	TETRACHLOROETHENE
87V	79-01-6	TRICHLOROETHENE
30V	156-60-5	TRANS-1,2-DICHLOROETHENE
29V	75-35-4	1,1-DICHLOROETHENE
44V	75-09-2	METHYLENE CHLORIDE
33VT	10061-02-6	TRANS-1,3-DICHLOROPROPENE

001159

BYRON BARREL & DRUM - SUBSURFACE SOILS

SAMPLE NUMBER:	BS-SS054-1M	BS-SS055-1M	BS-SS056-1M	BS-SS057-1M	BS-SS058-1M	BS-SS059-1	BS-SS059-1M
TRAFFIC REPORT NUMBER:	MOBILE LAB	MOBILE LAB	MOBILE LAB	MOBILE LAB	MOBILE LAB	BR204	MOBILE LAB
SAMPLING POINT:	SOURCE 1	SOURCE 1	SOURCE 1	SOURCE 1	SOURCE 1	SOURCE 1	SOURCE 1
LOCATION:	NA	NA	NA	NA	NA	6'	NA
DESCRIPTION:	TP-18	TP-18	TP-19	TP-19	TP-20	TP-20	TP-20
UNITS:	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
DATE SAMPLED:	09/07/88	09/07/88	09/07/88	09/07/88	09/07/88	09/07/88	09/07/88

*** BASE/NEUTRALS ***

PP	CAS NO	COMPOUND
66B	117-81-7	BIS(2-ETHYLHEXYL)PHTHALATE
68B	84-74-2	DI-N-BUTYL PHTHALATE
70B	84-66-2	DIETHYL PHTHALATE
71B	131-11-3	DIMETHYL PHTHALATE
55B	91-20-3	NAPHTHALENE
84B	129-00-0	PYRENE

001160

BYRON BARREL & DRUM - SUBSURFACE SOILS

SAMPLE NUMBER:
 TRAFFIC REPORT NUMBER:
 SAMPLING POINT:
 LOCATION:
 DESCRIPTION:
 UNITS:
 DATE SAMPLED:

BS-SS054-1M	BS-SS055-1M	BS-SS056-1M	BS-SS057-1M	BS-SS058-1M	BS-SS059-1	BS-SS059-1M
MOBILE LAB	MOBILE LAB	MOBILE LAB	MOBILE LAB	MOBILE LAB	BR204	MOBILE LAB
SOURCE 1	SOURCE 1	SOURCE 1	SOURCE 1	SOURCE 1	SOURCE 1	SOURCE 1
NA	NA	NA	NA	NA	6'	NA
TP-18	TP-18	TP-19	TP-19	TP-20	TP-20	TP-20
UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
09/07/88	09/07/88	09/07/88	09/07/88	09/07/88	09/07/88	09/07/88

*** ACIDS ***

PP	CAS NO	COMPOUND

NO PARAMETERS FOR THIS CATEGORY

001161

BYRON BARREL & DRUM - SUBSURFACE SOILS

SAMPLE NUMBER:	BS-SS054-1M	BS-SS055-1M	BS-SS056-1M	BS-SS057-1M	BS-SS058-1M	BS-SS059-1	BS-SS059-1M
TRAFFIC REPORT NUMBER:	MOBILE LAB	MOBILE LAB	MOBILE LAB	MOBILE LAB	MOBILE LAB	BR204	MOBILE LAB
SAMPLING POINT:	SOURCE 1	SOURCE 1	SOURCE 1	SOURCE 1	SOURCE 1	SOURCE 1	SOURCE 1
LOCATION:	NA	NA	NA	NA	NA	6'	NA
DESCRIPTION:	TP-18	TP-18	TP-19	TP-19	TP-20	TP-20	TP-20
UNITS:	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
DATE SAMPLED:	09/07/88	09/07/88	09/07/88	09/07/88	09/07/88	09/07/88	09/07/88

*** PESTICIDES ***

PP	CAS NO	COMPOUND
92P	50-29-3	4,4'-DDT
93P	72-55-9	4,4'-DDE
107P	11097-69-1	AROCLOR-1254

001162

BYRON BARREL & DRUM - SUBSURFACE SOILS

SAMPLE NUMBER:	BS-SS054-1M	BS-SS055-1M	BS-SS056-1M	BS-SS057-1M	BS-SS058-1M	BS-SS059-1	BS-SS059-1M
TRAFFIC REPORT NUMBER:	NA	NA	NA	NA	NA	HBP764	NA
SAMPLING POINT:						SOURCE 1	
LOCATION:						6'	
DESCRIPTION:						TP-20	
UNITS:						UG/KG	
DATE SAMPLED:	/ /	/ /	/ /	/ /	/ /	09/07/88	/ /

*** INORGANICS ***

PP	CAS NO	COMPOUND	
1		ALUMINUM	1830.0
2		ANTIMONY	
3		ARSENIC	
4		BARIUM	J 20.7
6		CADMIUM	
7		CALCIUM	21300.0
8		CHROMIUM	3.5
9		COBALT	
10		COPPER	
11		IRON	3910.0
12		LEAD	
13		MAGNESIUM	7620.0
14		MANGANESE	J 164.0
16		NICKEL	
17		POTASSIUM	450.0
19		SILVER	
20		SODIUM	
23		VANADIUM	5.2
24		ZINC	J 21.4

001163

BYRON BARREL & DRUM - SUBSURFACE SOILS

SAMPLE NUMBER:	BS-SS060-1M	BS-SS061-1M	BS-SS062-1	BS-SS062-1M	BS-S9063-1M	BS-9S064-1M	BS-9S065-1M
TRAFFIC REPORT NUMBER:	MOBILE LAB	MOBILE LAB	BR205	MOBILE LAB	MOBILE LAB	MOBILE LAB	MOBILE LAB
SAMPLING POINT:	SOURCE 1	SOURCE 3	SOURCE 3	SOURCE 3	SOURCE 3	SOURCE 3	SOURCE 3
LOCATION:	NA	NA	6'	NA	NA	NA	NA
DESCRIPTION:	TP-21	TP-22	TP-22	TP-22	TP-22	TP-23	TP-23
UNITS:	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
DATE SAMPLED:	09/07/88	09/07/88	09/07/88	09/07/88	09/07/88	09/07/88	09/07/88

*** BASE/NEUTRALS ***

PP	CAS NO	COMPOUND
66B	117-81-7	BIS(2-ETHYLHEXYL)PHTHALATE
68B	84-74-2	DI-N-BUTYL PHTHALATE
70B	84-66-2	DIETHYL PHTHALATE
71B	131-11-3	DIMETHYL PHTHALATE
55B	91-20-3	NAPHTHALENE
84B	129-00-0	PYRENE

001184

BYRON BARREL & DRUM - SUBSURFACE SOILS

SAMPLE NUMBER:
 TRAFFIC REPORT NUMBER:
 SAMPLING POINT:
 LOCATION:
 DESCRIPTION:
 UNITS:
 DATE SAMPLED:

BS-SS060-1M	BS-SS061-1M	BS-SS062-1	BS-SS062-1M	BS-SS063-1M	BS-SS064-1M	BS-SS065-1M
MOBILE LAB	MOBILE LAB	BR205	MOBILE LAB	MOBILE LAB	MOBILE LAB	MOBILE LAB
SOURCE 1	SOURCE 3	SOURCE 3	SOURCE 3	SOURCE 3	SOURCE 3	SOURCE 3
NA	NA	6'	NA	NA	NA	NA
TP-21	TP-22	TP-22	TP-22	TP-22	TP-23	TP-23
UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
09/07/88	09/07/88	09/07/88	09/07/88	09/07/88	09/07/88	09/07/88

*** ACIDS ***

PP	CAS NO	COMPOUND

NO PARAMETERS FOR THIS CATEGORY

001165

BYRON BARREL & DRUM - SUBSURFACE SOILS

SAMPLE NUMBER:	BS-SS060-1M	BS-SS061-1M	BS-SS062-1	BS-SS062-1M	BS-SS063-1M	BS-SS064-1M	BS-SS065-1M
TRAFFIC REPORT NUMBER:	MOBILE LAB	MOBILE LAB	BR205	MOBILE LAB	MOBILE LAB	MOBILE LAB	MOBILE LAB
SAMPLING POINT:	SOURCE 1	SOURCE 3	SOURCE 3	SOURCE 3	SOURCE 3	SOURCE 3	SOURCE 3
LOCATION:	NA	NA	6'	NA	NA	NA	NA
DESCRIPTION:	TP-21	TP-22	TP-22	TP-22	TP-22	TP-23	TP-23
UNITS:	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
DATE SAMPLED:	09/07/88	09/07/88	09/07/88	09/07/88	09/07/88	09/07/88	09/07/88

*** PESTICIDES ***

PP	CAS NO	COMPOUND
92P	50-29-3	4,4'-DDT
93P	72-55-9	4,4'-DDE
107P	11097-69-1	AROCLOR-1254

001166

BYRON BARREL & DRUM - SUBSURFACE SOILS

SAMPLE NUMBER:
 TRAFFIC REPORT NUMBER:
 SAMPLING POINT:
 LOCATION:
 DESCRIPTION:
 UNITS:
 DATE SAMPLED:

BS-SS060-1M	BS-SS061-1M	BS-SS062-1	BS-SS062-1M	BS-SS063-1M	BS-SS064-1M	BS-SS065-1M
NA	NA	MBP765	NA	NA	NA	NA
		SOURCE 3				
		6'				
		TP-22				
		UG/KG				
/ /	/ /	09/07/88	/ /	/ /	/ /	/ /

*** INORGANICS ***

PP	CAS NO	COMPOUND

1	ALUMINUM	4290.0
2	ANTIMONY	
3	ARSENIC	2.4
4	BARIUM	J 31.4
6	CADMIUM	
7	CALCIUM	1670.0
8	CHROMIUM	15.5
9	COBALT	4.6
10	COPPER	10.1
11	IRON	9800.0
12	LEAD	
13	MAGNESIUM	1970.0
14	MANGANESE	J 536.0
16	NICKEL	8.8
17	POTASSIUM	699.0
19	SILVER	
20	SODIUM	
23	VANADIUM	8.7
24	ZINC	69.0

001167

BYRON BARREL & DRUM - SUBSURFACE SOILS

SAMPLE NUMBER:	BS-SS060-1M	BS-SS061-1M	BS-SS062-1	BS-SS062-1M	BS-SS063-1M	BS-SS064-1M	BS-SS065-1M
TRAFFIC REPORT NUMBER:	MOBILE LAB	MOBILE LAB	BR205	MOBILE LAB	MOBILE LAB	MOBILE LAB	MOBILE LAB
SAMPLING POINT:	SOURCE 1	SOURCE 3	SOURCE 3	SOURCE 3	SOURCE 3	SOURCE 3	SOURCE 3
LOCATION:	3'	3'	6'	6'	9'	3'	6'
DESCRIPTION:	TP-21	TP-22	TP-22	TP-22	TP-22	TP-23	TP-23
UNITS:	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
DATE SAMPLED:	09/07/88	09/07/88	09/07/88	09/07/88	09/07/88	09/07/88	09/07/88

*** VOLATILES ***

PP	CAS NO	COMPOUND
	67-64-1	ACETONE
4V	71-43-2	BENZENE
86V	108-88-3	TOLUENE
38V	100-41-4	ETHYLBENZENE
	95-47-6	TOTAL XYLENES
11V	71-55-6	1,1,1-TRICHLOROETHANE
14V	79-00-5	1,1,2-TRICHLOROETHANE
10V	107-06-2	1,2-DICHLOROETHANE
85V	127-18-4	TETRACHLOROETHENE
87V	79-01-6	TRICHLOROETHENE
30V	156-60-5	TRANS-1,2-DICHLOROETHENE
29V	75-35-4	1,1-DICHLOROETHENE
44V	75-09-2	METHYLENE CHLORIDE
33VT	10061-02-6	TRANS-1,3-DICHLOROPROPENE

001168

BYRON BARREL & DRUM - SUBSURFACE SOILS

SAMPLE NUMBER:	BS-SS066-1M	BS-SS067-1M	BS-SS068-1M	BS-SS069-1M	BS-SS070-1M	BS-SS071-1M	BS-SS072-1M
TRAFFIC REPORT NUMBER:	MOBILE LAB	MOBILE LAB	MOBILE LAB	MOBILE LAB	MOBILE LAB	MOBILE LAB	MOBILE LAB
SAMPLING POINT:	SOURCE 3	SOURCE 3	SOURCE 3	SOURCE 3	SOURCE 3	SOURCE 3	SOURCE 3
LOCATION:	9'	3'	6'	9'	3'	6'	9'
DESCRIPTION:	TP-23	TP-24	TP-24	TP-24	TP-25	TP-25	TP-25
UNITS:	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
DATE SAMPLED:	09/07/88	09/07/88	09/07/88	09/07/88	09/07/88	09/07/88	09/07/88

*** VOLATILES ***

PP	CAS NO	COMPOUND
	67-64-1	ACETONE
4V	71-43-2	BENZENE
86V	108-88-3	TOLUENE
38V	100-41-4	ETHYLBENZENE
	95-47-6	TOTAL XYLENES
11V	71-55-6	1,1,1-TRICHLOROETHANE
14V	79-00-5	1,1,2-TRICHLOROETHANE
10V	107-06-2	1,2-DICHLOROETHANE
85V	127-18-4	TETRACHLOROETHENE
87V	79-01-6	TRICHLOROETHENE
30V	156-60-5	TRANS-1,2-DICHLOROETHENE
29V	75-35-4	1,1-DICHLOROETHENE
44V	75-09-2	METHYLENE CHLORIDE
33VT	10061-02-6	TRANS-1,3-DICHLOROPROPENE

001169

BYRON BARREL & DRUM - SUBSURFACE SOILS

SAMPLE NUMBER:	BS-SS066-1M	BS-SS067-1M	BS-SS068-1M	BS-SS069-1M	BS-SS070-1M	BS-SS071-1M	BS-SS072-1M
TRAFFIC REPORT NUMBER:	MOBILE LAB	MOBILE LAB	MOBILE LAB	MOBILE LAB	MOBILE LAB	MOBILE LAB	MOBILE LAB
SAMPLING POINT:	SOURCE 3	SOURCE 3	SOURCE 3	SOURCE 3	SOURCE 3	SOURCE 3	SOURCE 3
LOCATION:	NA	NA	NA	NA	NA	NA	NA
DESCRIPTION:	TP-23	TP-24	TP-24	TP-24	TP-25	TP-25	TP-25
UNITS:	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
DATE SAMPLED:	09/07/88	09/07/88	09/07/88	09/07/88	09/07/88	09/07/88	09/07/88

*** BASE/NEUTRALS ***

PP	CAS NO	COMPOUND
66B	117-81-7	BIS(2-ETHYLHEXYL)PHTHALATE
68B	84-74-2	DI-N-BUTYL PHTHALATE
70B	84-66-2	DIETHYL PHTHALATE
71B	131-11-3	DIMETHYL PHTHALATE
55B	91-20-3	NAPHTHALENE
84B	129-00-0	PYRENE

001170

BYRON BARREL & DRUM - SUBSURFACE SOILS

SAMPLE NUMBER:	BS-SS066-1M	BS-SS067-1M	BS-SS068-1M	BS-SS069-1M	BS-SS070-1M	BS-SS071-1M	BS-SS072-1M
TRAFFIC REPORT NUMBER:	MOBILE LAB	MOBILE LAB	MOBILE LAB	MOBILE LAB	MOBILE LAB	MOBILE LAB	MOBILE LAB
SAMPLING POINT:	SOURCE 3	SOURCE 3	SOURCE 3	SOURCE 3	SOURCE 3	SOURCE 3	SOURCE 3
LOCATION:	NA	NA	NA	NA	NA	NA	NA
DESCRIPTION:	TP-23	TP-24	TP-24	TP-24	TP-25	TP-25	TP-25
UNITS:	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
DATE SAMPLED:	09/07/88	09/07/88	09/07/88	09/07/88	09/07/88	09/07/88	09/07/88

*** ACIDS ***

PP	CAS NO	COMPOUND

NO PARAMETERS FOR THIS CATEGORY

001121

BYRON BARREL & DRUM - SUBSURFACE SOILS

SAMPLE NUMBER:	BS-SS066-1M	BS-SS067-1M	BS-SS068-1M	BS-SS069-1M	BS-SS070-1M	BS-SS071-1M	BS-SS072-1M
TRAFFIC REPORT NUMBER:	MOBILE LAB	MOBILE LAB	MOBILE LAB	MOBILE LAB	MOBILE LAB	MOBILE LAB	MOBILE LAB
SAMPLING POINT:	SOURCE 3	SOURCE 3	SOURCE 3	SOURCE 3	SOURCE 3	SOURCE 3	SOURCE 3
LOCATION:	NA	NA	NA	NA	NA	NA	NA
DESCRIPTION:	TP-23	TP-24	TP-24	TP-24	TP-25	TP-25	TP-25
UNITS:	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
DATE SAMPLED:	09/07/88	09/07/88	09/07/88	09/07/88	09/07/88	09/07/88	09/07/88

*** PESTICIDES ***

PP	CAS NO	COMPOUND
92P	50-29-3	4,4'-DDT
93P	72-55-9	4,4'-DDE
107P	11097-69-1	AROCLOR-1254

001172

BYRON BARREL & DRUM - SUBSURFACE SOILS

SAMPLE NUMBER:	BS-SS066-1M	BS-SS067-1M	BS-SS068-1M	BS-SS069-1M	BS-SS070-1M	BS-SS071-1M	BS-SS072-1M
TRAFFIC REPORT NUMBER:	NA	NA	NA	NA	NA	NA	NA
SAMPLING POINT:							
LOCATION:							
DESCRIPTION:							
UNITS:							
DATE SAMPLED:	/ /	/ /	/ /	/ /	/ /	/ /	/ /

*** INORGANICS ***

PP	CAS NO	COMPOUND
1		ALUMINUM
2		ANTIMONY
3		ARSENIC
4		BARIUM
6		CADMIUM
7		CALCIUM
8		CHROMIUM
9		COBALT
10		COPPER
11		IRON
12		LEAD
13		MAGNESIUM
14		MANGANESE
16		NICKEL
17		POTASSIUM
19		SILVER
20		SODIUM
23		VANADIUM
24		ZINC

001173

BYRON BARREL & DRUM - SUBSURFACE SOILS

SAMPLE NUMBER:	BS-SS073-1M	BS-SS074-1M	BS-SS075-1M	BS-SS076-1M	BS-SS077-1M	BS-SS078-1M	BS-SS079-1M
TRAFFIC REPORT NUMBER:	MOBILE LAB	MOBILE LAB	MOBILE LAB	MOBILE LAB	MOBILE LAB	MOBILE LAB	MOBILE LAB
SAMPLING POINT:	SOURCE 3	SOURCE 3	SOURCE 3	SOURCE 3	SOURCE 3	SOURCE 3	SOURCE 3
LOCATION:	3'	6'	9'	3'	6'	9'	3'
DESCRIPTION:	TP-26	TP-26	TP-26	TP-27	TP-27	TP-27	TP-28
UNITS:	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
DATE SAMPLED:	09/07/88	09/07/88	09/07/88	09/07/88	09/07/88	09/07/88	09/07/88

*** VOLATILES ***

PP	CAS NO	COMPOUND
	67-64-1	ACETONE
4V	71-43-2	BENZENE
86V	108-88-3	TOLUENE
38V	100-41-4	ETHYLBENZENE
	95-47-6	TOTAL XYLENES
11V	71-55-6	1,1,1-TRICHLOROETHANE
14V	79-00-5	1,1,2-TRICHLOROETHANE
10V	107-06-2	1,2-DICHLOROETHANE
85V	127-18-4	TETRACHLOROETHENE
87V	79-01-6	TRICHLOROETHENE
30V	156-60-5	TRANS-1,2-DICHLOROETHENE
29V	75-35-4	1,1-DICHLOROETHENE
44V	75-09-2	METHYLENE CHLORIDE
33VT	10061-02-6	TRANS-1,3-DICHLOROPROPENE

001174

BYRON BARREL & DRUM - SUBSURFACE SOILS

SAMPLE NUMBER:	BS-SS073-1M	BS-SS074-1M	BS-SS075-1M	BS-SS076-1M	BS-SS077-1M	BS-SS078-1M	BS-SS079-1M
TRAFFIC REPORT NUMBER:	MOBILE LAB	MOBILE LAB	MOBILE LAB	MOBILE LAB	MOBILE LAB	MOBILE LAB	MOBILE LAB
SAMPLING POINT:	SOURCE 3	SOURCE 3	SOURCE 3	SOURCE 3	SOURCE 3	SOURCE 3	SOURCE 3
LOCATION:	NA	NA	NA	NA	NA	NA	NA
DESCRIPTION:	TP-26	TP-26	TP-26	TP-27	TP-27	TP-27	TP-28
UNITS:	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
DATE SAMPLED:	09/07/88	09/07/88	09/07/88	09/07/88	09/07/88	09/07/88	09/07/88

*** BASE/NEUTRALS ***

PP	CAS NO	COMPOUND
66B	117-81-7	BIS(2-ETHYLHEXYL)PHTHALATE
68B	84-74-2	DI-N-BUTYL PHTHALATE
70B	84-66-2	DIETHYL PHTHALATE
71B	131-11-3	DIMETHYL PHTHALATE
55B	91-20-3	NAPHTHALENE
84B	129-00-0	PYRENE

001175

BYRON BARREL & DRUM - SUBSURFACE SOILS

SAMPLE NUMBER:	BS-SS073-1M	BS-SS074-1M	BS-SS075-1M	BS-SS076-1M	BS-SS077-1M	BS-SS078-1M	BS-SS079-1M
TRAFFIC REPORT NUMBER:	MOBILE LAB	MOBILE LAB	MOBILE LAB	MOBILE LAB	MOBILE LAB	MOBILE LAB	MOBILE LAB
SAMPLING POINT:	SOURCE 3	SOURCE 3	SOURCE 3	SOURCE 3	SOURCE 3	SOURCE 3	SOURCE 3
LOCATION:	NA	NA	NA	NA	NA	NA	NA
DESCRIPTION:	TP-26	TP-26	TP-26	TP-27	TP-27	TP-27	TP-28
UNITS:	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
DATE SAMPLED:	09/07/88	09/07/88	09/07/88	09/07/88	09/07/88	09/07/88	09/07/88

*** ACIDS ***

PP	CAS NO	COMPOUND

NO PARAMETERS FOR THIS CATEGORY

001176

BYRON BARREL & DRUM - SUBSURFACE SOILS

SAMPLE NUMBER:	BS-SS073-1M	BS-SS074-1M	BS-SS075-1M	BS-SS076-1M	BS-SS077-1M	BS-SS078-1M	BS-SS079-1M
TRAFFIC REPORT NUMBER:	MOBILE LAB	MOBILE LAB	MOBILE LAB	MOBILE LAB	MOBILE LAB	MOBILE LAB	MOBILE LAB
SAMPLING POINT:	SOURCE 3	SOURCE 3	SOURCE 3	SOURCE 3	SOURCE 3	SOURCE 3	SOURCE 3
LOCATION:	NA	NA	NA	NA	NA	NA	NA
DESCRIPTION:	TP-26	TP-26	TP-26	TP-27	TP-27	TP-27	TP-28
UNITS:	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
DATE SAMPLED:	09/07/88	09/07/88	09/07/88	09/07/88	09/07/88	09/07/88	09/07/88

*** PESTICIDES ***

PP	CAS NO	COMPOUND
92P	50-29-3	4,4'-DDT
93P	72-55-9	4,4'-DDE
107P	11097-69-1	AROCLOR-1254

221100

BYRON BARREL & DRUM - SUBSURFACE SOILS

SAMPLE NUMBER:	BS-SS073-1M	BS-SS074-1M	BS-SS075-1M	BS-SS076-1M	BS-SS077-1M	BS-SS078-1M	BS-SS079-1M
TRAFFIC REPORT NUMBER:	NA	NA	NA	NA	NA	NA	NA
SAMPLING POINT:							
LOCATION:							
DESCRIPTION:							
UNITS:							
DATE SAMPLED:	/ /	/ /	/ /	/ /	/ /	/ /	/ /

*** INORGANICS ***

PP	CAS NO	COMPOUND
1		ALUMINUM
2		ANTIMONY
3		ARSENIC
4		BARIUM
6		CADMIUM
7		CALCIUM
8		CHROMIUM
9		COBALT
10		COPPER
11		IRON
12		LEAD
13		MAGNESIUM
14		MANGANESE
16		NICKEL
17		POTASSIUM
19		SILVER
20		SODIUM
23		VANADIUM
24		ZINC

001178

BYRON BARREL & DRUM - SUBSURFACE SOILS

SAMPLE NUMBER:	BS-SS080-1	BS-SS080-1A	BS-SS080-1M	BS-SS081-1M	BS-SS082-1	BS-SS082-1A	BS-SS082-1M
TRAFFIC REPORT NUMBER:	BR206	BR207	MOBILE LAB	MOBILE LAB	BR208	BR209	MOBILE LAB
SAMPLING POINT:	SOURCE 3	SOURCE 3	SOURCE 3	SOURCE 2	SOURCE 2	SOURCE 2	SOURCE 2
LOCATION:	6'	6'	6'	3'	6'	6'	6'
DESCRIPTION:	TP-28	DUP TP-28	TP-28	TP-29	TP-29	DUP TP-29	TP-29
UNITS:	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
DATE SAMPLED:	09/07/88	09/07/88	09/07/88	09/08/88	09/08/88	09/08/88	09/08/88

*** VOLATILES ***

PP	CAS NO	COMPOUND
	67-64-1	ACETONE
4V	71-43-2	BENZENE
86V	108-88-3	TOLUENE
38V	100-41-4	ETHYLBENZENE
	95-47-6	TOTAL XYLENES
11V	71-55-6	1,1,1-TRICHLOROETHANE
14V	79-00-5	1,1,2-TRICHLOROETHANE
10V	107-06-2	1,2-DICHLOROETHANE
85V	127-18-4	TETRACHLOROETHENE
87V	79-01-6	TRICHLOROETHENE
30V	156-60-5	TRANS-1,2-DICHLOROETHENE
29V	75-35-4	1,1-DICHLOROETHENE
44V	75-09-2	METHYLENE CHLORIDE
33VT	10061-02-6	TRANS-1,3-DICHLOROPROPENE

001179

BYRON BARREL & DRUM - SUBSURFACE SOILS

SAMPLE NUMBER:	BS-SS080-1	BS-SS080-1A	BS-SS080-1M	BS-SS081-1M	BS-SS082-1	BS-SS082-1A	BS-SS082-1M
TRAFFIC REPORT NUMBER:	BR206	BR207	MOBILE LAB	MOBILE LAB	BR208	BR209	MOBILE LAB
SAMPLING POINT:	SOURCE 3	SOURCE 3	SOURCE 3	SOURCE 2	SOURCE 2	SOURCE 2	SOURCE 2
LOCATION:	6'	6'	NA	NA	6'	6'	NA
DESCRIPTION:	TP-28	DUP TP-28	TP-28	TP-29	TP-29	DUP TP-29	TP-29
UNITS:	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
DATE SAMPLED:	09/07/88	09/07/88	09/07/88	09/08/88	09/08/88	09/08/88	09/08/88

*** BASE/NEUTRALS ***

PP	CAS NO	COMPOUND
66B	117-81-7	BIS(2-ETHYLHEXYL)PHTHALATE
68B	84-74-2	DI-N-BUTYL PHTHALATE
70B	84-66-2	DIETHYL PHTHALATE
71B	131-11-3	DIMETHYL PHTHALATE
55B	91-20-3	NAPHTHALENE
84B	129-00-0	PYRENE

001180

BYRON BARREL & DRUM - SUBSURFACE SOILS

SAMPLE NUMBER:
 TRAFFIC REPORT NUMBER:
 SAMPLING POINT:
 LOCATION:
 DESCRIPTION:
 UNITS:
 DATE SAMPLED:

BS-SS080-1	BS-SS080-1A	BS-SS080-1M	BS-SS081-1M	BS-SS082-1	BS-SS082-1A	BS-SS082-1M
BR206	BR207	MOBILE LAB	MOBILE LAB	BR208	BR209	MOBILE LAB
SOURCE 3	SOURCE 3	SOURCE 3	SOURCE 2	SOURCE 2	SOURCE 2	SOURCE 2
6'	6'	NA	NA	6'	6'	NA
TP-28	DUP TP-28	TP-28	TP-29	TP-29	DUP TP-29	TP-29
UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
09/07/88	09/07/88	09/07/88	09/08/88	09/08/88	09/08/88	09/08/88

*** ACIDS ***

PP	CAS NO	COMPOUND
NO PARAMETERS FOR THIS CATEGORY		

NO PARAMETERS FOR THIS CATEGORY

001181

BYRON BARREL & DRUM - SUBSURFACE SOILS

SAMPLE NUMBER:	BS-SS080-1	BS-SS080-1A	BS-SS080-1M	BS-SS081-1M	BS-SS082-1	BS-SS082-1A	BS-SS082-1M
TRAFFIC REPORT NUMBER:	BR206	BR207	MOBILE LAB	MOBILE LAB	BR208	BR209	MOBILE LAB
SAMPLING POINT:	SOURCE 3	SOURCE 3	SOURCE 3	SOURCE 2	SOURCE 2	SOURCE 2	SOURCE 2
LOCATION:	6'	6'	NA	NA	6'	6'	NA
DESCRIPTION:	TP-28	DUP TP-28	TP-28	TP-29	TP-29	DUP TP-29	TP-29
UNITS:	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
DATE SAMPLED:	09/07/88	09/07/88	09/07/88	09/08/88	09/08/88	09/08/88	09/08/88

*** PESTICIDES ***

PP	CAS NO	COMPOUND
92P	50-29-3	4,4'-DDT
93P	72-55-9	4,4'-DDE
107P	11097-69-1	AROCLOR-1254

001192

BYRON BARREL & DRUM - SUBSURFACE SOILS

SAMPLE NUMBER:	BS-SS080-1	BS-SS080-1A	BS-SS080-1M	BS-SS081-1M	BS-SS082-1	BS-SS082-1A	BS-SS082-1M
TRAFFIC REPORT NUMBER:	MBP766	MBP767	NA	NA	MBP768	MBP769	NA
SAMPLING POINT:	SOURCE 3	SOURCE 3			SOURCE 2	SOURCE 2	
LOCATION:	6'	6'			6'	6'	
DESCRIPTION:	TP-28	DUP TP-28			TP-29	DUP TP-29	
UNITS:	UG/KG	UG/KG			UG/KG	UG/KG	
DATE SAMPLED:	09/07/88	09/07/88	/ /	/ /	09/08/88	09/08/88	/ /

*** INORGANICS ***

PP	CAS NO	COMPOUND				
1		ALUMINUM	2480.0	2710.0		
2		ANTIMONY			3180.0	3530.0
3		ARSENIC			1.6	2.2
4		BARIUM	J 6.8	J 5.6	J 39.5	J 30.1
6		CADMIUM				
7		CALCIUM	67200.0	54500.0	51900.0	24200.0
8		CHROMIUM	4.7	4.6		68.0
9		COBALT	3.2	2.2	2.6	3.5
10		COPPER	5.4	7.1	7.1	6.9
11		IRON	5320.0	5160.0	7030.0	7230.0
12		LEAD				
13		MAGNESIUM	12600.0	16200.0	13500.0	7530.0
14		MANGANESE	J 391.0	J 398.0	J 309.0	J 145.0
16		NICKEL	3.7	3.8	4.6	5.4
17		POTASSIUM	598.0	477.0	500.0	485.0
19		SILVER				
20		SODIUM				
23		VANADIUM	9.7	6.5	7.9	7.1
24		ZINC	J 23.2	J 26.7	J 67.7	J 54.6

001183

BYRON BARREL & DRUM - SUBSURFACE SOILS

SAMPLE NUMBER:
TRAFFIC REPORT NUMBER:
SAMPLING POINT:
LOCATION:
DESCRIPTION:
UNITS:
DATE SAMPLED:

BS-SS083-1M	BS-SS084-1M	BS-SS085-1M	BS-SS086-1M	BS-SS087-1M	BS-SS088-1M	BS-SS089-1M
MOBILE LAB	MOBILE LAB	MOBILE LAB	MOBILE LAB	MOBILE LAB	MOBILE LAB	MOBILE LAB
SOURCE 2	SOURCE 2	SOURCE 2	SOURCE 2	SOURCE 2	SOURCE 2	SOURCE 2
9'	3'	6'	9'	3'	6'	9'
TP-29	TP-30	TP-30	TP-30	TP-31	TP-31	TP-31
UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
09/08/88	09/08/88	09/08/88	09/08/88	09/08/88	09/08/88	09/08/88

*** VOLATILES ***

PP	CAS NO	COMPOUND
	67-64-1	ACETONE
4V	71-43-2	BENZENE
86V	108-88-3	TOLUENE
38V	100-41-4	ETHYLBENZENE
	95-47-6	TOTAL XYLENES
11V	71-55-6	1,1,1-TRICHLOROETHANE
14V	79-00-5	1,1,2-TRICHLOROETHANE
10V	107-06-2	1,2-DICHLOROETHANE
85V	127-18-4	TETRACHLOROETHENE
87V	79-01-6	TRICHLOROETHENE
30V	156-60-5	TRANS-1,2-DICHLOROETHENE
29V	75-35-4	1,1-DICHLOROETHENE
44V	75-09-2	METHYLENE CHLORIDE
33VT	10061-02-6	TRANS-1,3-DICHLOROPROPENE

J 11.4

001184

BYRON BARREL & DRUM - SUBSURFACE SOILS

SAMPLE NUMBER:	BS-SS083-1M	BS-SS084-1M	BS-SS085-1M	BS-SS086-1M	BS-SS087-1M	BS-SS088-1M	BS-SS089-1M
TRAFFIC REPORT NUMBER:	MOBILE LAB	MOBILE LAB	MOBILE LAB	MOBILE LAB	MOBILE LAB	MOBILE LAB	MOBILE LAB
SAMPLING POINT:	SOURCE 2	SOURCE 2	SOURCE 2	SOURCE 2	SOURCE 2	SOURCE 2	SOURCE 2
LOCATION:	NA	NA	NA	NA	NA	NA	NA
DESCRIPTION:	TP-29	TP-29	TP-30	TP-30	TP-30	TP-30	TP-31
UNITS:	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
DATE SAMPLED:	09/08/88	09/08/88	09/08/88	09/08/88	09/08/88	09/08/88	09/08/88

*** BASE/NEUTRALS ***

PP	CAS NO	COMPOUND
66B	117-81-7	BIS(2-ETHYLHEXYL)PHTHALATE
68B	84-74-2	DI-N-BUTYL PHTHALATE
70B	84-66-2	DIETHYL PHTHALATE
71B	131-11-3	DIMETHYL PHTHALATE
55B	91-20-3	NAPHTHALENE
84B	129-00-0	PYRENE

001185

BYRON BARREL & DRUM - SUBSURFACE SOILS

SAMPLE NUMBER:	BS-SS083-1M	BS-SS084-1M	BS-SS085-1M	BS-SS086-1M	BS-SS087-1M	BS-SS088-1M	BS-SS089-1M
TRAFFIC REPORT NUMBER:	MOBILE LAB	MOBILE LAB	MOBILE LAB	MOBILE LAB	MOBILE LAB	MOBILE LAB	MOBILE LAB
SAMPLING POINT:	SOURCE 2	SOURCE 2	SOURCE 2	SOURCE 2	SOURCE 2	SOURCE 2	SOURCE 2
LOCATION:	NA	NA	NA	NA	NA	NA	NA
DESCRIPTION:	TP-29	TP-30	TP-30	TP-30	TP-30	TP-31	TP-31
UNITS:	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
DATE SAMPLED:	09/08/88	09/08/88	09/08/88	09/08/88	09/08/88	09/08/88	09/08/88

*** ACIDS ***

PP	CAS NO	COMPOUND

NO PARAMETERS FOR THIS CATEGORY

001186

BYRON BARREL & DRUM - SUBSURFACE SOILS

SAMPLE NUMBER:
 TRAFFIC REPORT NUMBER:
 SAMPLING POINT:
 LOCATION:
 DESCRIPTION:
 UNITS:
 DATE SAMPLED:

BS-SS083-1M	BS-SS084-1M	BS-SS085-1M	BS-SS086-1M	BS-SS087-1M	BS-SS088-1M	BS-SS089-1M
MOBILE LAB	MOBILE LAB	MOBILE LAB	MOBILE LAB	MOBILE LAB	MOBILE LAB	MOBILE LAB
SOURCE 2	SOURCE 2	SOURCE 2	SOURCE 2	SOURCE 2	SOURCE 2	SOURCE 2
NA	NA	NA	NA	NA	NA	NA
TP-29	TP-29	TP-30	TP-30	TP-30	TP-30	TP-31
UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
09/08/88	09/08/88	09/08/88	09/08/88	09/08/88	09/08/88	09/08/88

*** PESTICIDES ***

PP	CAS NO	COMPOUND
92P	50-29-3	4,4'-DDT
93P	72-55-9	4,4'-DDE
107P	11097-69-1	AROCOR-1254

001187

BYRON BARREL & DRUM - SUBSURFACE SOILS

SAMPLE NUMBER:
 TRAFFIC REPORT NUMBER:
 SAMPLING POINT:
 LOCATION:
 DESCRIPTION:
 UNITS:
 DATE SAMPLED:

BS-SS083-1M BS-SS084-1M BS-SS085-1M BS-SS086-1M BS-SS087-1M BS-SS088-1M BS-SS089-1M
 NA NA NA NA NA NA NA

/ / / / / / / / / / / / / /

*** INORGANICS ***

PP	CAS NO	COMPOUND
1		ALUMINUM
2		ANTIMONY
3		ARSENIC
4		BARIUM
6		CADMIUM
7		CALCIUM
8		CHROMIUM
9		COBALT
10		COPPER
11		IRON
12		LEAD
13		MAGNESIUM
14		MANGANESE
16		NICKEL
17		POTASSIUM
19		SILVER
20		SODIUM
23		VANADIUM
24		ZINC

001188

BYRON BARREL & DRUM - SUBSURFACE SOILS

SAMPLE#NUMBER:
TRAFFIC REPORT NUMBER:
SAMPLING POINT:
LOCATION:
DESCRIPTION:
UNITS:
DATE SAMPLED:

BS-SS090-1M	BS-SS091-1M	BS-SS092-1M	BS-SS093-1M	BS-SS094-1M	BS-SS095-1M	BS-SS096-1
MOBILE LAB	MOBILE LAB	MOBILE LAB	MOBILE LAB	MOBILE LAB	MOBILE LAB	BR210
SOURCE 2	SOURCE 2	SOURCE 2	SOURCE 2	SOURCE 2	SOURCE 2	SOURCE 2
3'	6'	3'	6'	9'	3'	6'
TP-32	TP-32	TP-33	TP-33	TP-33	TP-34	TP-34
UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
09/08/88	09/08/88	09/08/88	09/08/88	09/08/88	09/08/88	09/08/88

*** VOLATILES ***

PP	CAS NO	COMPOUND
	67-64-1	ACETONE
4V	71-43-2	BENZENE
86V	108-88-3	TOLUENE
38V	100-41-4	ETHYLBENZENE
	95-47-6	TOTAL XYLENES
11V	71-55-6	1,1,1-TRICHLOROETHANE
14V	79-00-5	1,1,2-TRICHLOROETHANE
10V	107-06-2	1,2-DICHLOROETHANE
85V	127-18-4	TETRACHLOROETHENE
87V	79-01-6	TRICHLOROETHENE
30V	156-60-5	TRANS-1,2-DICHLOROETHENE
29V	75-35-4	1,1-DICHLOROETHENE
44V	75-09-2	METHYLENE CHLORIDE
33VT	10061-02-6	TRANS-1,3-DICHLOROPROPENE

J 34.8

001100

BYRON BARREL & DRUM - SUBSURFACE SOILS

SAMPLE NUMBER:
TRAFFIC REPORT NUMBER:
SAMPLING POINT:
LOCATION:
DESCRIPTION:
UNITS:
DATE SAMPLED:

BS-S090-1M	BS-S091-1M	BS-S092-1M	BS-S093-1M	BS-S094-1M	BS-S095-1M	BS-S096-1
MOBILE LAB	MOBILE LAB	MOBILE LAB	MOBILE LAB	MOBILE LAB	MOBILE LAB	BR210
SOURCE 2	SOURCE 2	SOURCE 2	SOURCE 2	SOURCE 2	SOURCE 2	SOURCE 2
NA	NA	NA	NA	NA	NA	6'
TP-32	TP-31	TP-32	TP-33	TP-33	TP-34	TP-34
UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
09/08/88	09/08/88	09/08/88	09/08/88	09/08/88	09/08/88	09/08/88

*** BASE/NEUTRALS ***

PP	CAS NO	COMPOUND
66B	117-81-7	BIS(2-ETHYLHEXYL)PHTHALATE
68B	84-74-2	DI-N-BUTYL PHTHALATE
70B	84-66-2	DIETHYL PHTHALATE
71B	131-11-3	DIMETHYL PHTHALATE
55B	91-20-3	NAPHTHALENE
84B	129-00-0	PYRENE

061100

BYRON BARREL & DRUM - SUBSURFACE SOILS

SAMPLE NUMBER:	BS-SS090-1M	BS-SS091-1M	BS-SS092-1M	BS-SS093-1M	BS-SS094-1M	BS-SS095-1M	BS-SS096-1
TRAFFIC REPORT NUMBER:	MOBILE LAB	MOBILE LAB	MOBILE LAB	MOBILE LAB	MOBILE LAB	MOBILE LAB	BR210
SAMPLING POINT:	SOURCE 2	SOURCE 2	SOURCE 2	SOURCE 2	SOURCE 2	SOURCE 2	SOURCE 2
LOCATION:	NA	NA	NA	NA	NA	NA	6'
DESCRIPTION:	TP-31	TP-32	TP-33	TP-33	TP-33	TP-34	TP-34
UNITS:	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
DATE SAMPLED:	09/08/88	09/08/88	09/08/88	09/08/88	09/08/88	09/08/88	09/08/88

*** ACIDS ***

PP	CAS NO	COMPOUND

NO PARAMETERS FOR THIS CATEGORY

001191

BYRON BARREL & DRUM - SUBSURFACE SOILS

SAMPLE NUMBER:	BS-SS090-1M	BS-SS091-1M	BS-SS092-1M	BS-SS093-1M	BS-SS094-1M	BS-SS095-1M	BS-SS096-1
TRAFFIC REPORT NUMBER:	MOBILE LAB	MOBILE LAB	MOBILE LAB	MOBILE LAB	MOBILE LAB	MOBILE LAB	BR210
SAMPLING POINT:	SOURCE 2	SOURCE 2	SOURCE 2	SOURCE 2	SOURCE 2	SOURCE 2	SOURCE 2
LOCATION:	NA	NA	NA	NA	NA	NA	6'
DESCRIPTION:	TP-32	TP-31	TP-32	TP-33	TP-33	TP-34	TP-34
UNITS:	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
DATE SAMPLED:	09/08/88	09/08/88	09/08/88	09/08/88	09/08/88	09/08/88	09/08/88

*** PESTICIDES ***

PP	CAS NO	COMPOUND
92P	50-29-3	4,4'-DDT
73P	72-55-9	4,4'-DDE
107P	11097-69-1	AROCLOR-1254

001100

BYRON BARREL & DRUM - SUBSURFACE SOILS

SAMPLE NUMBER:	BS-SS090-1M	BS-SS091-1M	BS-SS092-1M	BS-SS093-1M	BS-SS094-1M	BS-SS095-1M	BS-SS096-1
TRAFFIC REPORT NUMBER:	NA	NA	NA	NA	NA	NA	MBP770
SAMPLING POINT:							SOURCE 2
LOCATION:							6'
DESCRIPTION:							TP-34
UNITS:							UG/KG
DATE SAMPLED:	/ /	/ /	/ /	/ /	/ /	/ /	09/08/88

*** INORGANICS ***

PP	CAS NO	COMPOUND	
1		ALUMINUM	2580.0
2		ANTIMONY	
3		ARSENIC	1.8
4		BARIUM	J 32.9
6		CADMIUM	
7		CALCIUM	64600.0
8		CHROMIUM	4.1
9		COBALT	2.5
10		COPPER	5.7
11		IRON	6830.0
12		LEAD	
13		MAGNESIUM	13400.0
14		MANGANESE	J 379.0
16		NICKEL	3.9
17		POTASSIUM	565.0
19		SILVER	
20		SODIUM	
23		VANADIUM	6.6
24		ZINC	J 52.2

001193

BYRON BARREL & DRUM - SUBSURFACE SOILS

SAMPLE NUMBER:
TRAFFIC REPORT NUMBER:
SAMPLING POINT:
LOCATION:
DESCRIPTION:
UNITS:
DATE SAMPLED:

BS-SS096-1M	BS-SS097-1M	BS-SS098-1M	BS-SS099-1M	BS-SS100-1M	BS-SS100-1MA	BS-SS101-1M
MOBILE LAB	MOBILE LAB	MOBILE LAB	MOBILE LAB	MOBILE LAB	MOBILE LAB	MOBILE LAB
SOURCE 2	SOURCE 2	SOURCE 2	SOURCE 2	SOURCE 2	SOURCE 2	SOURCE 2
6'	9'	3'	6'	9'	9'	3'
TP-34	TP-34	TP-35	TP-35	TP-35	DUP TP-35	TP-36
UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
09/08/88	09/08/88	09/08/88	09/08/88	09/08/88	09/08/88	09/08/88

*** VOLATILES ***

PP	CAS NO	COMPOUND
	67-64-1	ACETONE
4V	71-43-2	BENZENE
86V	108-88-3	TOLUENE
38V	100-41-4	ETHYLBENZENE
	95-47-6	TOTAL XYLENES
11V	71-55-6	1,1,1-TRICHLOROETHANE
14V	79-00-5	1,1,2-TRICHLOROETHANE
10V	107-06-2	1,2-DICHLOROETHANE
85V	127-18-4	TETRACHLOROETHENE
87V	79-01-6	TRICHLOROETHENE
30V	156-60-5	TRANS-1,2-DICHLOROETHENE
29V	75-35-4	1,1-DICHLOROETHENE
44V	75-09-2	METHYLENE CHLORIDE
33VT	10061-02-6	TRANS-1,3-DICHLOROPROPENE

001194

BYRON BARREL & DRUM - SUBSURFACE SOILS

SAMPLE NUMBER:	BS-SS096-1M	BS-SS097-1M	BS-SS098-1M	BS-SS099-1M	BS-SS100-1M	BS-SS100-1MA	BS-SS101-1M
TRAFFIC REPORT NUMBER:	MOBILE LAB	MOBILE LAB	MOBILE LAB	MOBILE LAB	MOBILE LAB	MOBILE LAB	MOBILE LAB
SAMPLING POINT:	SOURCE 2	SOURCE 2	SOURCE 2	SOURCE 2	SOURCE 2	SOURCE 2	SOURCE 2
LOCATION:	NA	NA	NA	NA	NA	NA	NA
DESCRIPTION:	TP-33	TP-34	TP-34	TP-35	TP-35	DUP TP-35	TP-35
UNITS:	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
DATE SAMPLED:	09/08/88	09/08/88	09/08/88	09/08/88	09/08/88	09/08/88	09/08/88

*** BASE/NEUTRALS ***

PP	CAS NO	COMPOUND
66B	117-81-7	BIS(2-ETHYLHEXYL)PHTHALATE
68B	84-74-2	D1-N-BUTYL PHTHALATE
70B	84-66-2	DIETHYL PHTHALATE
71B	131-11-3	DIMETHYL PHTHALATE
55B	91-20-3	NAPHTHALENE
84B	129-00-0	PYRENE

001195

BYRON BARREL & DRUM - SUBSURFACE SOILS

SAMPLE NUMBER:
 TRAFFIC REPORT NUMBER:
 SAMPLING POINT:
 LOCATION:
 DESCRIPTION:
 UNITS:
 DATE SAMPLED:

BS-SS096-1M	BS-SS097-1M	BS-SS098-1M	BS-SS099-1M	BS-SS100-1M	BS-SS100-1MA	BS-SS101-1M
MOBILE LAB	MOBILE LAB	MOBILE LAB	MOBILE LAB	MOBILE LAB	MOBILE LAB	MOBILE LAB
SOURCE 2	SOURCE 2	SOURCE 2	SOURCE 2	SOURCE 2	SOURCE 2	SOURCE 2
NA	NA	NA	NA	NA	NA	NA
TP-34	TP-34	TP-34	TP-35	TP-35	DUP TP-35	DUP SS100
UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
09/08/88	09/08/88	09/08/88	09/08/88	09/08/88	09/08/88	09/08/88

*** ACIDS ***

PP	CAS NO	COMPOUND

NO PARAMETERS FOR THIS CATEGORY

001186

BYRON BARREL & DRUM - SUBSURFACE SOILS

SAMPLE NUMBER:
 TRAFFIC REPORT NUMBER:
 SAMPLING POINT:
 LOCATION:
 DESCRIPTION:
 UNITS:
 DATE SAMPLED:

BS-SS096-1M	BS-SS097-1M	BS-SS098-1M	BS-SS099-1M	BS-SS100-1M	BS-SS100-1MA	BS-SS101-1M
MOBILE LAB	MOBILE LAB	MOBILE LAB	MOBILE LAB	MOBILE LAB	MOBILE LAB	MOBILE LAB
SOURCE 2	SOURCE 2	SOURCE 2	SOURCE 2	SOURCE 2	SOURCE 2	SOURCE 2
NA	NA	NA	NA	NA	NA	NA
TP-33	TP-34	TP-34	TP-35	TP-35	DUP TP-35	TP-35
UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
09/08/88	09/08/88	09/08/88	09/08/88	09/08/88	09/08/88	09/08/88

*** PESTICIDES ***

PP	CAS NO	COMPOUND
92P	50-29-3	4,4'-DDT
93P	72-55-9	4,4'-DDE
107P	11097-69-1	AROCLOR-1254

001197

BYRON BARREL & DRUM - SUBSURFACE SOILS

SAMPLE NUMBER:
 TRAFFIC REPORT NUMBER:
 SAMPLING POINT:
 LOCATION:
 DESCRIPTION:
 UNITS:
 DATE SAMPLED:

BS-SS096-1M BS-SS097-1M BS-SS098-1M BS-SS099-1M BS-SS100-1M BS-SS100-1MA BS-SS101-1M
 NA NA NA NA NA NA NA

/ / / / / / / / / / / / / /

*** INORGANICS ***

PP	CAS NO	COMPOUND
1		ALUMINUM
2		ANTIMONY
3		ARSENIC
4		BARIUM
6		CADMIUM
7		CALCIUM
8		CHROMIUM
9		COBALT
10		COPPER
11		IRON
12		LEAD
13		MAGNESIUM
14		MANGANESE
16		NICKEL
17		POTASSIUM
19		SILVER
20		SODIUM
23		VANADIUM
24		ZINC

001100

BYRON BARREL & DRUM - SUBSURFACE SOILS

SAMPLE NUMBER:
 TRAFFIC REPORT NUMBER:
 SAMPLING POINT:
 LOCATION:
 DESCRIPTION:
 UNITS:
 DATE SAMPLED:

BS-SS102-1M	BS-SS103-1M	BS-SS104-1M	BS-SS105-1M	BS-SS106-1M	BS-SS107-1M	BS-SS108-1M
MOBILE LAB	MOBILE LAB	MOBILE LAB	MOBILE LAB	MOBILE LAB	MOBILE LAB	MOBILE LAB
SOURCE 2	SOURCE 2	SOURCE 2	SOURCE 2	SOURCE 2	SOURCE 2	SOURCE 2
6'	9'	3'	6'	9'	3'	6'
TP-36	TP-36	TP-37	TP-37	TP-37	TP-38	TP-38
UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
09/08/88	09/08/88	09/08/88	09/08/88	09/08/88	09/08/88	09/08/88

*** VOLATILES ***

PP	CAS NO	COMPOUND
	67-64-1	ACETONE
4V	71-43-2	BENZENE
86V	108-88-3	TOLUENE
38V	100-41-4	ETHYLBENZENE
	95-47-6	TOTAL XYLENES
11V	71-55-6	1,1,1-TRICHLOROETHANE
14V	79-00-5	1,1,2-TRICHLOROETHANE
10V	107-06-2	1,2-DICHLOROETHANE
85V	127-18-4	TETRACHLOROETHENE
87V	79-01-6	TRICHLOROETHENE
30V	156-60-5	TRANS-1,2-DICHLOROETHENE
29V	75-35-4	1,1-DICHLOROETHENE
44V	75-09-2	METHYLENE CHLORIDE
33VT	10061-02-6	TRANS-1,3-DICHLOROPROPENE

001199

BYRON BARREL & DRUM - SUBSURFACE SOILS

SAMPLE NUMBER:
 TRAFFIC REPORT NUMBER:
 SAMPLING POINT:
 LOCATION:
 DESCRIPTION:
 UNITS:
 DATE SAMPLED:

BS-SS102-1M	BS-SS103-1M	BS-SS104-1M	BS-SS105-1M	BS-SS106-1M	BS-SS107-1M	BS-SS108-1M
MOBILE LAB	MOBILE LAB	MOBILE LAB	MOBILE LAB	MOBILE LAB	MOBILE LAB	MOBILE LAB
SOURCE 2	SOURCE 2	SOURCE 2	SOURCE 2	SOURCE 2	SOURCE 2	SOURCE 2
NA	NA	NA	NA	NA	NA	NA
DUP SS100	TP-36	TP-36	TP-36	TP-37	TP-37	TP-38
UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
09/08/88	09/08/88	09/08/88	09/08/88	09/08/88	09/08/88	09/08/88

*** BASE/NEUTRALS ***

PP	CAS NO	COMPOUND
66B	117-81-7	BIS(2-ETHYLHEXYL)PHTHALATE
68B	84-74-2	DI-N-BUTYL PHTHALATE
70B	84-66-2	DIETHYL PHTHALATE
71B	131-11-3	DIMETHYL PHTHALATE
55B	91-20-3	NAPHTHALENE
84B	129-00-0	PYRENE

001200

BYRON BARREL & DRUM - SUBSURFACE SOILS

SAMPLE NUMBER:
 TRAFFIC REPORT NUMBER:
 SAMPLING POINT:
 LOCATTON:
 DESCRIPTION:
 UNITS:
 DATE SAMPLED:

BS-SS102-1M	BS-SS103-1M	BS-SS104-1M	BS-SS105-1M	BS-SS106-1M	BS-SS107-1M	BS-SS108-1M
MOBILE LAB	MOBILE LAB	MOBILE LAB	MOBILE LAB	MOBILE LAB	MOBILE LAB	MOBILE LAB
SOURCE 2	SOURCE 2	SOURCE 2	SOURCE 2	SOURCE 2	SOURCE 2	SOURCE 2
NA	NA	NA	NA	NA	NA	NA
TP-36	TP-36	TP-36	TP-37	TP-37	TP-38	TP-38
UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
09/08/88	09/08/88	09/08/88	09/08/88	09/08/88	09/08/88	09/08/88

*** ACIDS ***

PP	CAS NO	COMPOUND

NO PARAMETERS FOR THIS CATEGORY

001201

BYRON BARREL & DRUM - SUBSURFACE SOILS

SAMPLE NUMBER:
 TRAFFIC REPORT NUMBER:
 SAMPLING POINT:
 LOCATION:
 DESCRIPTION:
 UNITS:
 DATE SAMPLED:

BS-SS102-1M	BS-SS103-1M	BS-SS104-1M	BS-SS105-1M	BS-SS106-1M	BS-SS107-1M	BS-SS108-1M
MOBILE LAB	MOBILE LAB	MOBILE LAB	MOBILE LAB	MOBILE LAB	MOBILE LAB	MOBILE LAB
SOURCE 2	SOURCE 2	SOURCE 2	SOURCE 2	SOURCE 2	SOURCE 2	SOURCE 2
NA	NA	NA	NA	NA	NA	NA
DUP SS100	TP-36	TP-36	TP-36	TP-37	TP-37	TP-38
UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
09/08/88	09/08/88	09/08/88	09/08/88	09/08/88	09/08/88	09/08/88

*** PESTICIDES ***

PP	CAS NO	COMPOUND
92P	50-29-3	4,4'-DDT
93P	72-55-9	4,4'-DDE
107P	11097-69-1	AROCLOR-1254

001202

BYRON BARREL & DRUM - SUBSURFACE SOILS

SAMPLE NUMBER:
TRAFFIC REPORT NUMBER:
SAMPLING POINT:
LOCATION:
DESCRIPTION:
UNITS:
DATE SAMPLED:

BS-SS102-1M BS-SS103-1M BS-SS104-1M BS-SS105-1M BS-SS106-1M BS-SS107-1M BS-SS108-1M
NA NA NA NA NA NA NA

/ / / / / / / / / / / / / /

*** INORGANICS ***

PP CAS NO COMPOUND

1 ALUMINUM
2 ANTIMONY
3 ARSENIC
4 BARIUM
6 CADMIUM
7 CALCIUM
8 CHROMIUM
9 COBALT
10 COPPER
11 IRON
12 LEAD
13 MAGNESIUM
14 MANGANESE
16 NICKEL
17 POTASSIUM
19 SILVER
20 SODIUM
23 VANADIUM
24 ZINC

001203

BYRON BARREL & DRUM - SUBSURFACE SOILS

SAMPLE NUMBER:
TRAFFIC REPORT NUMBER:
SAMPLING POINT:
LOCATION:
DESCRIPTION:
UNITS:
DATE SAMPLED:

BS-SS109-1M	BS-SS110-1M	BS-SS111-1M	BS-SS112-1M	BS-SS113-1M	BS-SS114-1M	BS-SS115-1M
MOBILE LAB	MOBILE LAB	MOBILE LAB	MOBILE LAB	MOBILE LAB	MOBILE LAB	MOBILE LAB
SOURCE 2	SOURCE 2	SOURCE 2	SOURCE 2	SOURCE 2	SOURCE 2	SOURCE 2
9'	3'	6'	9'	3'	6'	9'
TP-38	TP-39	TP-39	TP-39	TP-40	TP-40	TP-40
UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
09/08/88	09/08/88	09/08/88	09/08/88	09/08/88	09/08/88	09/08/88

*** VOLATILES ***

PP	CAS NO	COMPOUND
	67-64-1	ACETONE
4V	71-43-2	BENZENE
86V	108-88-3	TOLUENE
38V	100-41-4	ETHYLBENZENE
	95-47-6	TOTAL XYLENES
11V	71-55-6	1,1,1-TRICHLOROETHANE
14V	79-00-5	1,1,2-TRICHLOROETHANE
10V	107-06-2	1,2-DICHLOROETHANE
85V	127-18-4	TETRACHLOROETHENE
87V	79-01-6	TRICHLOROETHENE
30V	156-60-5	TRANS-1,2-DICHLOROETHENE
29V	75-35-4	1,1-DICHLOROETHENE
44V	75-09-2	METHYLENE CHLORIDE
33VT	10061-02-6	TRANS-1,3-DICHLOROPROPENE

001204

BYRON BARREL & DRUM - SUBSURFACE SOILS

SAMPLE NUMBER:
 TRAFFIC REPORT NUMBER:
 SAMPLING POINT:
 LOCATION:
 DESCRIPTION:
 UNITS:
 DATE SAMPLED:

BS-SS109-1M	BS-SS110-1M	BS-SS111-1M	BS-SS112-1M	BS-SS113-1M	BS-SS114-1M	BS-SS115-1M
MOBILE LAB	MOBILE LAB	MOBILE LAB	MOBILE LAB	MOBILE LAB	MOBILE LAB	MOBILE LAB
SOURCE 2	SOURCE 2	SOURCE 2	SOURCE 2	SOURCE 2	SOURCE 2	SOURCE 2
NA	NA	NA	NA	NA	NA	NA
TP-38	TP-39	TP-38	TP-39	TP-39	TP-40	TP-40
UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
09/08/88	09/08/88	09/08/88	09/08/88	09/08/88	09/08/88	09/08/88

*** BASE/NEUTRALS ***

PP	CAS NO	COMPOUND
66B	117-81-7	BIS(2-ETHYLHEXYL)PHthalate
68B	84-74-2	DI-N-BUTYL PHthalate
70B	84-66-2	DIETHYL PHthalate
71B	131-11-3	DIMETHYL PHthalate
55B	91-20-3	NAPhtHAlene
84B	129-00-0	Pyrene

001205

BYRON BARREL & DRUM - SUBSURFACE SOILS

SAMPLE NUMBER:
 TRAFFIC REPORT NUMBER:
 SAMPLING POINT:
 LOCATION:
 DESCRIPTION:
 UNITS:
 DATE SAMPLED:

BS-SS109-1M	BS-SS110-1M	BS-SS111-1M	BS-SS112-1M	BS-SS113-1M	BS-SS114-1M	BS-SS115-1M
MOBILE LAB	MOBILE LAB	MOBILE LAB	MOBILE LAB	MOBILE LAB	MOBILE LAB	MOBILE LAB
SOURCE 2	SOURCE 2	SOURCE 2	SOURCE 2	SOURCE 2	SOURCE 2	SOURCE 2
NA	NA	NA	NA	NA	NA	NA
TP-38	TP-39	TP-39	TP-39	TP-39	TP-40	TP-40
UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
09/08/88	09/08/88	09/08/88	09/08/88	09/08/88	09/08/88	09/08/88

*** ACIDS ***

PP	CAS NO	COMPOUND
NO PARAMETERS FOR THIS CATEGORY		

001205

BYRON BARREL & DRUM - SUBSURFACE SOILS

SAMPLE NUMBER:
 TRAFFIC REPORT NUMBER:
 SAMPLING POINT:
 LOCATION:
 DESCRIPTION:
 UNITS:
 DATE SAMPLED:

BS-SS109-1M	BS-SS110-1M	BS-SS111-1M	BS-SS112-1M	BS-SS113-1M	BS-SS114-1M	BS-SS115-1M
MOBILE LAB	MOBILE LAB	MOBILE LAB	MOBILE LAB	MOBILE LAB	MOBILE LAB	MOBILE LAB
SOURCE 2	SOURCE 2	SOURCE 2	SOURCE 2	SOURCE 2	SOURCE 2	SOURCE 2
NA	NA	NA	NA	NA	NA	NA
TP-38	TP-39	TP-38	TP-39	TP-39	TP-40	TP-40
UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
09/08/88	09/08/88	09/08/88	09/08/88	09/08/88	09/08/88	09/08/88

*** PESTICIDES ***

PP	CAS NO	COMPOUND
92P	50-29-3	4,4'-DDT
93P	72-55-9	4,4'-DDE
107P	11097-69-1	AROCLOR-1254

001207

BYRON BARREL & DRUM - SUBSURFACE SOILS

SAMPLE NUMBER:	BS-SS109-1M	BS-SS110-1M	BS-SS111-1M	BS-SS112-1M	BS-SS113-1M	BS-SS114-1M	BS-SS115-1M
TRAFFIC REPORT NUMBER:	NA	NA	NA	NA	NA	NA	NA
SAMPLING POINT:							
LOCATION:							
DESCRIPTION:							
UNITS:							
DATE SAMPLED:	/ /	/ /	/ /	/ /	/ /	/ /	/ /

*** INORGANICS ***

PP	CAS NO	COMPOUND
1		ALUMINUM
2		ANTIMONY
3		ARSENIC
4		BARIUM
6		CADMIUM
7		CALCIUM
8		CHROMIUM
9		COBALT
10		COPPER
11		IRON
12		LEAD
13		MAGNESIUM
14		MANGANESE
16		NICKEL
17		POTASSIUM
19		SILVER
20		SODIUM
23		VANADIUM
24		ZINC

001208

BYRON BARREL & DRUM - SUBSURFACE SOILS

SAMPLE NUMBER:	BS-SS116-1M	BS-SS117-1M	BS-SS118-1	B9-SS118-1M	BS-SS119-1M	B9-SS120-1M	B9-SS120-1MA
TRAFFIC REPORT NUMBER:	MOBILE LAB	MOBILE LAB	BR211	MOBILE LAB	MOBILE LAB	MOBILE LAB	MOBILE LAB
SAMPLING POINT:	SOURCE 2	SOURCE 2	SOURCE 2	SOURCE 2	SOURCE 2	SOURCE 2	SOURCE 2
LOCATION:	3'	6'	9'	9'	3'	6'	6'
DESCRIPTION:	TP-41	TP-41	TP-41	TP-41	TP-42	TP-42	DUP TP-42
UNITS:	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
DATE SAMPLED:	09/08/88	09/08/88	09/08/88	09/08/88	09/08/88	09/08/88	09/08/88

*** VOLATILES ***

PP	CAS NO	COMPOUND
	67-64-1	ACETONE
4V	71-43-2	BENZENE
86V	108-88-3	TOLUENE
38V	100-41-4	ETHYLBENZENE
	95-47-6	TOTAL XYLENES
11V	71-55-6	1,1,1-TRICHLOROETHANE
14V	79-00-5	1,1,2-TRICHLOROETHANE
10V	107-06-2	1,2-DICHLOROETHANE
85V	127-18-4	TETRACHLOROETHENE
87V	79-01-6	TRICHLOROETHENE
30V	156-60-5	TRANS-1,2-DICHLOROETHENE
29V	75-35-4	1,1-DICHLOROETHENE
44V	75-09-2	METHYLENE CHLORIDE
33VT	10061-02-6	TRANS-1,3-DICHLOROPROPENE

J 5.1

001209

BYRON BARREL & DRUM - SUBSURFACE SOILS

SAMPLE NUMBER:	BS-SS116-1M	BS-SS117-1M	BS-SS118-1	BS-SS118-1M	BS-SS119-1M	BS-SS120-1M	BS-SS120-1MA
TRAFFIC REPORT NUMBER:	MOBILE LAB	MOBILE LAB	BR211	MOBILE LAB	MOBILE LAB	MOBILE LAB	MOBILE LAB
SAMPLING POINT:	SOURCE 2	SOURCE 2	SOURCE 2	SOURCE 2	SOURCE 2	SOURCE 2	SOURCE 2
LOCATION:	NA	NA	9'	NA	NA	NA	NA
DESCRIPTION:	TP-40	TP-41	TP-41	TP-41	TP-42	TP-42	DUP TP-42
UNITS:	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
DATE SAMPLED:	09/08/88	09/08/88	09/08/88	09/08/88	09/08/88	09/08/88	09/08/88

*** BASE/NEUTRALS ***

PP	CAS NO	COMPOUND
66B	117-81-7	BIS(2-ETHYLHEXYL)PHTHALATE
68B	84-74-2	DI-N-BUTYL PHTHALATE
70B	84-66-2	DIETHYL PHTHALATE
71B	131-11-3	DIMETHYL PHTHALATE
55B	91-20-3	NAPHTHALENE
84B	129-00-0	PYRENE

001210

BYRON BARREL & DRUM - SUBSURFACE SOILS

SAMPLE NUMBER:	BS-SS116-1M	BS-SS117-1M	BS-SS118-1	BS-SS118-1M	BS-SS119-1M	BS-SS120-1M	BS-SS120-1MA
TRAFFIC REPORT NUMBER:	MOBILE LAB	MOBILE LAB	BR211	MOBILE LAB	MOBILE LAB	MOBILE LAB	MOBILE LAB
SAMPLING POINT:	SOURCE 2	SOURCE 2	SOURCE 2	SOURCE 2	SOURCE 2	SOURCE 2	SOURCE 2
LOCATION:	NA	NA	9'	NA	NA	NA	NA
DESCRIPTION:	TP-41	TP-41	TP-41	TP-42	TP-42	TP-42	DUP TP-42
UNITS:	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
DATE SAMPLED:	09/08/88	09/08/88	09/08/88	09/08/88	09/08/88	09/08/88	09/08/88

*** ACIDS ***

PP	CAS NO	COMPOUND

NO PARAMETERS FOR THIS CATEGORY

001211

BYRON BARREL & DRUM - SUBSURFACE SOILS

SAMPLE NUMBER:	BS-SS116-1M	BS-SS117-1M	BS-SS118-1	BS-SS118-1M	BS-SS119-1M	BS-SS120-1M	BS-SS120-1MA
TRAFFIC REPORT NUMBER:	MOBILE LAB	MOBILE LAB	BR211	MOBILE LAB	MOBILE LAB	MOBILE LAB	MOBILE LAB
SAMPLING POINT:	SOURCE 2	SOURCE 2	SOURCE 2	SOURCE 2	SOURCE 2	SOURCE 2	SOURCE 2
LOCATION:	NA	NA	9'	NA	NA	NA	NA
DESCRIPTION:	TP-40	TP-41	TP-41	TP-41	TP-42	TP-42	DUP TP-42
UNITS:	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
DATE SAMPLED:	09/08/88	09/08/88	09/08/88	09/08/88	09/08/88	09/08/88	09/08/88

*** PESTICIDES ***

PP	CAS NO	COMPOUND
92P	50-29-3	4,4'-DDT
93P	72-55-9	4,4'-DDE
107P	11097-69-1	AROCLOR-1254

001212

BYRON BARREL & DRUM - SUBSURFACE SOILS

SAMPLE NUMBER:	BS-SS116-1M	BS-SS117-1M	BS-SS118-1	BS-SS118-1M	BS-SS119-1M	BS-SS120-1M	BS-SS120-1MA
TRAFFIC REPORT NUMBER:	NA	NA	HBP771	NA	NA	NA	NA
SAMPLING POINT:			SOURCE 2				
LOCATION:			9'				
DESCRIPTION:			TP-41				
UNITS:			UG/KG				
DATE SAMPLED:	/ /	/ /	09/08/88	/ /	/ /	/ /	/ /

*** INORGANICS ***

PP	CAS NO	COMPOUND	
1		ALUMINUM	3650.0
2		ANTIMONY	
3		ARSENIC	2.7
4		BARIUM	J 25.7
6		CADMIUM	
7		CALCIUM	38100.0
8		CHROMIUM	7.0
9		COBALT	3.4
10		COPPER	
11		IRON	7110.0
12		LEAD	
13		MAGNESIUM	8010.0
14		MANGANESE	J 281.0
16		NICKEL	7.3
17		POTASSIUM	518.0
19		SILVER	
20		SODIUM	
23		VANADIUM	7.3
24		ZINC	J 20.3

001213

BYRON BARREL & DRUM - SUBSURFACE SOILS

SAMPLE NUMBER:	BS-SS121-1M	BS-SS122-1M	BS-SS123-1M	BS-SS124-1M	BS-SS125-1M	BS-SS126-1	BS-SS126-1M
TRAFFIC REPORT NUMBER:	MOBILE LAB	MOBILE LAB	MOBILE LAB	MOBILE LAB	MOBILE LAB	BR212	MOBILE LAB
SAMPLING POINT:	SOURCE 2	SG ANOMALY	SG ANOMALY	SG ANOMALY	SG ANOMALY	SG ANOMALY	SG ANOMALY
LOCATION:	9'	3'	6'	9'	3'	6'	6'
DESCRIPTION:	TP-42	TP-43	TP-43	TP-43	TP-44	TP-44	TP-44
UNITS:	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
DATE SAMPLED:	09/08/88	09/08/88	09/08/88	09/08/88	09/08/88	09/08/88	09/08/88

*** VOLATILES ***

PP	CAS NO	COMPOUND
	67-64-1	ACETONE
4V	71-43-2	BENZENE
86V	108-88-3	TOLUENE
38V	100-41-4	ETHYLBENZENE
	95-47-6	TOTAL XYLENES
11V	71-55-6	1,1,1-TRICHLOROETHANE
14V	79-00-5	1,1,2-TRICHLOROETHANE
10V	107-06-2	1,2-DICHLOROETHANE
85V	127-18-4	TETRACHLOROETHENE
87V	79-01-6	TRICHLOROETHENE
30V	156-60-5	TRANS-1,2-DICHLOROETHENE
29V	75-35-4	1,1-DICHLOROETHENE
44V	75-09-2	METHYLENE CHLORIDE
33VT	10061-02-6	TRANS-1,3-DICHLOROPROPENE

J 26

001214

BYRON BARREL & DRUM - SUBSURFACE SOILS

SAMPLE NUMBER:	BS-SS121-1M	BS-SS122-1M	BS-SS123-1M	BS-SS124-1M	BS-SS125-1M	BS-SS126-1	BS-SS126-1M
TRAFFIC REPORT NUMBER:	MOBILE LAB	MOBILE LAB	MOBILE LAB	MOBILE LAB	MOBILE LAB	BR212	MOBILE LAB
SAMPLING POINT:	SOURCE 2	SG ANOMALY	SG ANOMALY	SG ANOMALY	SG ANOMALY	SG ANOMALY	SG ANOMALY
LOCATION:	NA	NA	NA	NA	NA	6'	NA
DESCRIPTION:	TP-42	DUP SS120	TP-42	TP-43	TP-44	TP-44	TP-43
UNITS:	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
DATE SAMPLED:	09/08/88	09/08/88	09/08/88	09/08/88	09/08/88	09/08/88	09/08/88

*** BASE/NEUTRALS ***

PP	CAS NO	COMPOUND
66B	117-81-7	BIS(2-ETHYLHEXYL)PHTHALATE
68B	84-74-2	DI-N-BUTYL PHTHALATE
70B	84-66-2	DIETHYL PHTHALATE
71B	131-11-3	DIMETHYL PHTHALATE
55B	91-20-3	NAPHTHALENE
84B	129-00-0	PYRENE

001215

BYRON BARREL & DRUM - SUBSURFACE SOILS

SAMPLE NUMBER:	BS-SS121-1M	BS-SS122-1M	BS-SS123-1M	BS-SS124-1M	BS-SS125-1M	BS-SS126-1	BS-SS126-1M
TRAFFIC REPORT NUMBER:	MOBILE LAB	MOBILE LAB	MOBILE LAB	MOBILE LAB	MOBILE LAB	BR212	MOBILE LAB
SAMPLING POINT:	SOURCE 2	SG ANOMALY	SG ANOMALY	SG ANOMALY	SG ANOMALY	SG ANOMALY	SG ANOMALY
LOCATION:	NA	NA	NA	NA	NA	6'	NA
DESCRIPTION:	TP-42	TP-42	TP-43	TP-44	TP-43	TP-44	TP-44
UNITS:	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
DATE SAMPLED:	09/08/88	09/08/88	09/08/88	09/08/88	09/08/88	09/08/88	09/08/88

*** ACIDS ***

PP	CAS NO	COMPOUND

NO PARAMETERS FOR THIS CATEGORY

001210

BYRON BARREL & DRUM - SUBSURFACE SOILS

SAMPLE NUMBER:	BS-SS121-1M	BS-SS122-1M	BS-SS123-1M	BS-SS124-1M	BS-SS125-1M	BS-SS126-1	BS-SS126-1M
TRAFFIC REPORT NUMBER:	MOBILE LAB	MOBILE LAB	MOBILE LAB	MOBILE LAB	MOBILE LAB	BR212	MOBILE LAB
SAMPLING POINT:	SOURCE 2	SG ANOMALY	SG ANOMALY	SG ANOMALY	SG ANOMALY	SG ANOMALY	SG ANOMALY
LOCATION:	NA	NA	NA	NA	NA	6'	NA
DESCRIPTION:	TP-42	DUP SS120	TP-42	TP-43	TP-44	TP-44	TP-43
UNITS:	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
DATE SAMPLED:	09/08/88	09/08/88	09/08/88	09/08/88	09/08/88	09/08/88	09/08/88

*** PESTICIDES ***

PP	CAS NO	COMPOUND
92P	50-29-3	4,4'-DDT
93P	72-55-9	4,4'-DDE
107P	11097-69-1	AROCLOR-1254

001217

BYRON BARREL & DRUM - SUBSURFACE SOILS

SAMPLE NUMBER:
TRAFFIC REPORT NUMBER:
SAMPLING POINT:
LOCATION:
DESCRIPTION:
UNITS:
DATE SAMPLED:

BS-SS121-1M	BS-SS122-1MA	BS-SS123-1M	BS-SS124-1M	BS-SS125-1M	BS-SS126-1	BS-SS126-1M
NA	NA	NA	NA	NA	HBP772	NA
					SG ANOMALY	
					6'	
					TP-44	
					UG/KG	
/ /	/ /	/ /	/ /	/ /	09/08/88	/ /

*** INORGANICS ***

PP	CAS NO	COMPOUND
1		ALUMINUM
2		ANTIMONY
3		ARSENIC
4		BARIUM
6		CADMIUM
7		CALCIUM
8		CHROMIUM
9		COBALT
10		COPPER
11		IRON
12		LEAD
13		MAGNESIUM
14		MANGANESE
16		NICKEL
17		POTASSIUM
19		SILVER
20		SODIUM
23		VANADIUM
24		ZINC

4010.0
1.9
J 18.9
3830.0
7.2
3.0
7820.0
4160.0
J 364.0
7.5
542.0
J 144.0
7.7
J 66.8

001218

BYRON BARREL & DRUM - SUBSURFACE SOILS

SAMPLE NUMBER:
 TRAFFIC REPORT NUMBER:
 SAMPLING POINT:
 LOCATION:
 DESCRIPTION:
 UNITS:
 DATE SAMPLED:

BS-SS127-1M	BS-SS128-1M	BS-SS129-1M	BS-SS130-1M
MOBILE LAB	MOBILE LAB	MOBILE LAB	MOBILE LAB
SG ANOMALY	SG ANOMALY	SG ANOMALY	SG ANOMALY
9'	3'	6'	9'
TP-44	TP-45	TP-45	TP-45
UK/KG	UG/KG	UG/KG	UG/KG
09/08/88	09/08/88	09/08/88	09/08/88

*** VOLATILES ***

PP	CAS NO	COMPOUND
	67-64-1	ACETONE
4V	71-43-2	BENZENE
86V	108-88-3	TOLUENE
38V	100-41-4	ETHYLBENZENE
	95-47-6	TOTAL XYLENES
11V	71-55-6	1,1,1-TRICHLOROETHANE
14V	79-00-5	1,1,2-TRICHLOROETHANE
10V	107-06-2	1,2-DICHLOROETHANE
85V	127-18-4	TETRACHLOROETHENE
87V	79-01-6	TRICHLOROETHENE
30V	156-60-5	TRANS-1,2-DICHLOROETHENE
29V	75-35-4	1,1-DICHLOROETHENE
44V	75-09-2	METHYLENE CHLORIDE
33VT	10061-02-6	TRANS-1,3-DICHLOROPROPENE

001219

BYRON BARREL & DRUM - SUBSURFACE SOILS

SAMPLE NUMBER:	BS-SS127-1M	BS-SS128-1M	BS-SS129-1M	BS-SS130-1M
TRAFFIC REPORT NUMBER:	MOBILE LAB	MOBILE LAB	MOBILE LAB	MOBILE LAB
SAMPLING POINT:	SG ANOMALY	SG ANOMALY	SG ANOMALY	SG ANOMALY
LOCATION:	NA	NA	NA	NA
DESCRIPTION:	TP-44	TP-44	TP-44	TP-45
UNITS:	UG/KG	UG/KG	UK/KG	UG/KG
DATE SAMPLED:	09/08/88	09/08/88	09/08/88	09/08/88

*** BASE/NEUTRALS ***

PP	CAS NO	COMPOUND
66B	117-81-7	BIS(2-ETHYLHEXYL)PHTHALATE
68B	84-74-2	DI-N-BUTYL PHTHALATE
70B	84-66-2	DIETHYL PHTHALATE
71B	131-11-3	DIMETHYL PHTHALATE
55B	91-20-3	NAPHTHALENE
84B	129-00-0	PYRENE

001220

BYRON BARREL & DRUM - SUBSURFACE SOILS

SAMPLE NUMBER:	BS-SS127-1M	BS-SS128-1M	BS-SS129-1M	BS-SS130-1M
TRAFFIC REPORT NUMBER:	MOBILE LAB	MOBILE LAB	MOBILE LAB	MOBILE LAB
SAMPLING POINT:	SG ANOMALY	SG ANOMALY	SG ANOMALY	SG ANOMALY
LOCATION:	NA	NA	NA	NA
DESCRIPTION:	TP-44	TP-44	TP-45	TP-45
UNITS:	UG/KG	UK/KG	UG/KG	UG/KG
DATE SAMPLED:	09/08/88	09/08/88	09/08/88	09/08/88

*** ACIDS ***

PP	CAS NO	COMPOUND

NO PARAMETERS FOR THIS CATEGORY

001221

BYRON BARREL & DRUM - SUBSURFACE SOILS

SAMPLE NUMBER:	BS-SS127-1M	BS-SS128-1M	BS-SS129-1M	BS-SS130-1M
TRAFFIC REPORT NUMBER:	MOBILE LAB	MOBILE LAB	MOBILE LAB	MOBILE LAB
SAMPLING POINT:	SG ANOMALY	SG ANOMALY	SG ANOMALY	SG ANOMALY
LOCATION:	NA	NA	NA	NA
DESCRIPTION:	TP-44	TP-44	TP-44	TP-45
UNITS:	UG/KG	UG/KG	UG/KG	UG/KG
DATE SAMPLED:	09/08/88	09/08/88	09/08/88	09/08/88

*** PESTICIDES ***

PP	CAS NO	COMPOUND
92P	50-29-3	4,4'-DDT
93P	72-55-9	4,4'-DDE
107P	11097-69-1	AROCOR-1254

001222

BYRON BARREL & DRUM - SUBSURFACE SOILS

SAMPLE NUMBER:
 TRAFIC REPORT NUMBER:
 SAMPLING POINT:
 LOCATION:
 DESCRIPTION:
 UNITS:
 DATE SAMPLED:

BS-SS127-1M BS-SS128-1M BS-SS129-1M BS-SS130-1M
 NA NA NA NA

/ / / / / / / /

*** INORGANICS ***

PP CAS NO COMPOUND

1		ALUMINUM
2		ANTIMONY
3		ARSENIC
4		BARIUM
6		CADMIUM
7		CALCIUM
8		CHROMIUM
9		COBALT
10		COPPER
11		IRON
12		LEAD
13		MAGNESIUM
14		MANGANESE
16		NICKEL
17		POTASSIUM
19		SILVER
20		SODIUM
23		VANADIUM
24		ZINC

001223

Monitoring Well Results

001224

BYRON BARREL AND DRUM SITE - MONITORING WELLS

SAMPLE NUMBER:	BS-MW000-1B	BS-MW000-1F	BS-MW000-1T	BS-MW000-3B	BS-MW000-3F	BS-MW000-3T	BS-MW000-4B
TRAFFIC REPORT NUMBER:	90645	90646	90647	BX173	BX174	BX160	4341B-018
LOCATION:							
ELEVATION (MSL):							
DESCRIPTION:	BOTTLE BLANK	FIELD BLANK	TRIP BLANK	BOTTLE BLANK	FIELD BLANK	TRIP BLANK	BOTTLE BLANK
UNITS:	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L
DATE SAMPLED:	10/11/88	10/11/88	10/11/88	11/09/88	11/09/88	11/07/88	12/14/88

*** VOLATILES ***

PP	CAS NO	COMPOUND					
	67-64-1	ACETONE			J 15	J 21	J 20
	78-93-3	2-BUTANONE					
4V	71-43-2	BENZENE					
86V	108-88-3	TOLUENE	0.43	0.45			1
	95-47-6	TOTAL XYLENES					0.5
7V	108-90-7	CHLOROBENZENE					
11V	71-55-6	1,1,1-TRICHLOROETHANE	0.05	0.058	1		0.12
14V	79-00-5	1,1,2-TRICHLOROETHANE					
10V	75-34-3	1,1-DICHLOROETHANE					
10V	107-06-2	1,2-DICHLOROETHANE					1.4
16V	75-00-3	CHLOROETHANE					
85V	127-18-4	TETRACHLOROETHENE		0.03			1
87V	79-01-6	TRICHLOROETHENE					0.094
30V	156-60-5	TRANS-1,2-DICHLOROETHENE					
29V	75-35-4	1,1-DICHLOROETHENE			1		
88V	75-01-4	VINYL CHLORIDE					
23V	67-66-3	CHLOROFORM					0.01
44V	75-09-2	METHYLENE CHLORIDE	0.39	0.43	14	14	5
45V	74-87-3	CHLOROMETHANE					1.4
32V	78-87-5	1,2-DICHLOROPROPANE					0.046
48V	75-27-4	BROMODICHLOROMETHANE					
51V	124-48-1	CHLORODIBROMOMETHANE					
	75-15-0	CARBON DISULFIDE			3		
19V	110-75-8	2-CHLOROETHYL VINYL ETHER					0.2
		TRICHLOROFLUOROMETHANE					0.054
	95-50-1	1,2-DICHLOROBENZENE					
	541-73-1	1,3-DICHLOROBENZENE					
	106-46-7	1,4-DICHLOROBENZENE					

001225

BYRON BARREL AND DRUM SITE - MONITORING WELLS

SAMPLE NUMBER:	BS-MW000-1B	BS-MW000-1F	BS-MW000-1T	BS-MW000-3B	BS-MW000-3F	BS-MW000-3T	BS-MW000-4B
TRAFFIC REPORT NUMBER:	90645	90646	90647	BX173	BX174	BX160	4341B-018
LOCATION:							
ELEVATION (MSL):	NA	NA	NA				
DESCRIPTION:	BOTTLE BLANK	FIELD BLANK	TRIP BLANK	BOTTLE BLANK	FIELD BLANK	TRIP BLANK	BOTTLE BLANK
UNITS:	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L
DATE SAMPLED:	10/11/88	10/11/88	10/11/88	11/09/88	11/09/88	11/07/88	12/14/88

*** BASE/NEUTRALS ***

PP	CAS NO	COMPOUND
66B	117-81-7	BIS(2-ETHYLHEXYL)PHTHALATE
26B	541-73-1	1,3-DICHLOROBENZENE
27B	106-46-7	1,4-DICHLOROBENZENE
67B	86-30-6	N-NITROSODIPHENYLAMINE

J 6

16

001226

BYRON BARREL AND DRUM SITE - MONITORING WELLS

SAMPLE NUMBER:	BS-MW000-1B	BS-MW000-1F	BS-MW000-1T	BS-MW000-3B	BS-MW000-3F	BS-MW000-3T	BS-MW000-4B
TRAFFIC REPORT NUMBER:	90645	90646	90647	BX173	BX174	BX160	4341B-018
LOCATION:							
ELEVATION (MSL):	NA	NA	NA				
DESCRIPTION:	BOTTLE BLANK	FIELD BLANK	TRIP BLANK	BOTTLE BLANK	FIELD BLANK	TRIP BLANK	BOTTLE BLANK
UNITS:	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L
DATE SAMPLED:	10/11/88	10/11/88	10/11/88	11/09/88	11/09/88	11/07/88	12/14/88

*** ACIDS ***

PP	CAS NO	COMPOUND

NO PARAMETERS FOR THIS CATEGORY

001227

BYRON BARREL AND DRUM SITE - MONITORING WELLS

SAMPLE NUMBER:	BS-MW000-1B	BS-MW000-1F	BS-MW000-1T	BS-MW000-3B	BS-MW000-3F	BS-MW000-3T	BS-MW000-4B
TRAFFIC REPORT NUMBER:	90645	90646	90647	BX173	BX174	BX160	4341B-018
LOCATION:	NA	NA	NA				
ELEVATION (MSL):	NA	NA	NA				
DESCRIPTION:	BOTTLE BLANK	FIELD BLANK	TRIP BLANK	BOTTLE BLANK	FIELD BLANK	TRIP BLANK	BOTTLE BLANK
UNITS:	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L
DATE SAMPLED:	10/11/88	10/11/88	10/11/88	11/09/88	11/09/88	11/07/88	12/14/88

*** PESTICIDES ***

PP	CAS NO	COMPOUND
NO PARAMETERS FOR THIS CATEGORY		

NO PARAMETERS FOR THIS CATEGORY

001228

BYRON BARREL AND DRUM SITE - MONITORING WELLS

SAMPLE NUMBER:
 TRAFFIC REPORT NUMBER:
 LOCATION:
 ELEVATION (MSL):
 DESCRIPTION:
 UNITS:
 DATE SAMPLED:

BS-MW000-1B	BS-MW000-1F	BS-MW000-1T	BS-MW000-3B	BS-MW000-3F	BS-MW000-3T	BS-MW000-4B
NA	NA	NA	MB1573	MB1574		MB1835
			BOTTLE BLANK	FIELD BLANK		BOTTLE BLANK
			UG/L	UG/L		UG/L
/ /	/ /	/ /	11/09/88	11/09/88	/ /	12/14/88

*** INORGANICS ***

PP CAS NO COMPOUND

1	ALUMINUM			31.5
2	ANTIMONY		J 18	
3	ARSENIC		J 18	
4	BARIUM			
5	BERYLLIUM			1.3
6	CADMIUM			
7	CALCIUM		J 493	138
8	CHROMIUM			
9	COBALT			
10	COPPER			
11	IRON			
12	LEAD			
13	MAGNESIUM			
14	MANGANESE		106	78
15	MERCURY			
16	NICKEL			
17	POTASSIUM			111
19	SILVER			4.3
20	SODIUM		124	144
23	VANADIUM			
24	ZINC		J 6	J 8

001229

BYRON BARREL AND DRUM SITE - MONITORING WELLS

SAMPLE NUMBER:	BS-MW000-1B	BS-MW000-1F	BS-MW000-1T	BS-MW000-3B	BS-MW000-3F	BS-MW000-3T	BS-MW000-4B
TRAFFIC REPORT NUMBER:	NA	NA	NA	NA	NA	NA	NA
LOCATION:							
ELEVATION (MSL):							
DESCRIPTION:							
UNITS:							
DATE SAMPLED:	/ /	/ /	/ /	/ /	/ /	/ /	/ /

*** GEOCHEMICAL PARAMETERS ***

PP	CAS NO	COMPOUND

NO PARAMETERS FOR THIS CATEGORY

001230

BYRON BARREL AND DRUM SITE - MONITORING WELLS

SAMPLE NUMBER:	BS-MW000-4F	BS-MW000-4T	BS-MW001-3T	BS-MW001-4B	BS-MW001-4F	BS-MW001-4T	BS-MW002-3T
TRAFFIC REPORT NUMBER:	4341B-019	4341B-001	BX164	4341B-028	4341B-027	4341B-013	BX172
LOCATION:							
ELEVATION (MSL):							
DESCRIPTION:	FIELD BLANK	TRIP BLANK	TRIP BLANK	BOTTLE BLANK	FIELD BLANK	TRIP BLANK	TRIP BLANK
UNITS:	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L
DATE SAMPLED:	12/14/88	12/13/88	11/07/88	12/14/88	12/14/88	12/14/88	11/09/88

*** VOLATILES ***

PP	CAS NO	COMPOUND						
	67-64-1	ACETONE		J 18				J 13
	78-93-3	2-BUTANONE						6
4V	71-43-2	BENZENE						
86V	108-88-3	TOLUENE	0.5	1		0.4	0.5	
	95-47-6	TOTAL XYLENES						
7V	108-90-7	CHLOROBENZENE						
11V	71-55-6	1,1,1-TRICHLOROETHANE	0.032	0.15	0.051	0.1	0.13	
14V	79-00-5	1,1,2-TRICHLOROETHANE						
10V	75-34-3	1,1-DICHLOROETHANE						
10V	107-06-2	1,2-DICHLOROETHANE	0.93	4.4	2	0.058	1.7	
16V	75-00-3	CHLOROETHANE		0.53	0.03		0.058	
85V	127-18-4	TETRACHLOROETHENE	0.011	0.1	0.04		0.34	
87V	79-01-6	TRICHLOROETHENE	0.015	0.036	0.018	0.068	0.07	
30V	156-60-5	TRANS-1,2-DICHLOROETHENE						
29V	75-35-4	1,1-DICHLOROETHENE						
98V	75-01-4	VINYL CHLORIDE						
23V	67-66-3	CHLOROFORM				0.022		
44V	75-09-2	METHYLENE CHLORIDE	J 1.8	J 7.0	4	J 2.2	J 2.3	4
45V	74-87-3	CHLOROMETHANE	0.051	1.6		0.16		
32V	78-87-5	1,2-DICHLOROPROPANE		0.044	0.012		0.011	
48V	75-27-4	BROMODICHLOROMETHANE						
51V	124-48-1	CHLORODIBROMOMETHANE						
	75-15-0	CARBON DISULFIDE						
19V	110-75-8	2-CHLOROETHYL VINYL ETHER	0.0076	6.1	0.33	0.066	0.24	
		TRICHLOROFLUOROMETHANE	0.048	0.34	0.065	0.05	0.036	
	95-50-1	1,2-DICHLOROBENZENE						
	541-73-1	1,3-DICHLOROBENZENE						
	106-46-7	1,4-DICHLOROBENZENE	0.034		0.031		0.015	

001231

BYRON BARREL AND DRUM SITE - MONITORING WELLS

SAMPLE NUMBER:	BS-MW000-4F	BS-MW000-4T	BS-MW001-3T	BS-MW001-4B	BS-MW001-4F	BS-MW001-4T	BS-MW002-3T
TRAFFIC REPORT NUMBER:	4341B-019	4341B-001	BX164	4341B-028	4341B-027	4341B-013	BX172
LOCATION:							
ELEVATION (MSL):							
DESCRIPTION:	FIELD BLANK	TRIP BLANK	TRIP BLANK	BOTTLE BLANK	FIELD BLANK	TRIP BLANK	TRIP BLANK
UNITS:	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L
DATE SAMPLED:	12/14/88	12/13/88	11/07/88	12/14/88	12/14/88	12/14/88	11/09/88

*** BASE/NEUTRALS ***

PP	CAS NO	COMPOUND
66B	117-81-7	BIS(2-ETHYLHEXYL)PHTHALATE
26B	541-73-1	1,3-DICHLOROBENZENE
27B	106-46-7	1,4-DICHLOROBENZENE
62B	86-30-6	N-NITROSODIPHENYLAMINE

001232

BYRON BARREL AND DRUM SITE - MONITORING WELLS

SAMPLE NUMBER:	BS-MW000-4F	BS-MW000-4T	BS-MW001-3T	BS-MW001-4B	BS-MW001-4F	BS-MW001-4T	BS-MW002-3T
TRAFFIC REPORT NUMBER:	4341B-019	4341B-001	BX164	4341B-028	4341B-027	4341B-013	BX172
LOCATION:							
ELEVATION (MSL):							
DESCRIPTION:	FIELD BLANK	TRIP BLANK	TRIP BLANK	BOTTLE BLANK	FIELD BLANK	TRIP BLANK	TRIP BLANK
UNITS:	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L
DATE SAMPLED:	12/14/88	12/13/88	11/07/88	12/14/88	12/14/88	12/14/88	11/09/88

*** ACIDS ***

PP	CAS NO	COMPOUND

NO PARAMETERS FOR THIS CATEGORY

001233

BYRON BARREL AND DRUM SITE - MONITORING WELLS

SAMPLE NUMBER:	BS-MW000-4F	BS-MW000-4T	BS-MW001-3T	BS-MW001-4B	BS-MW001-4F	BS-MW001-4T	BS-MW002-3T
TRAFFIC REPORT NUMBER:	4341B-019	4341B-001	BX164	4341B-028	4341B-027	4341B-013	BX172
LOCATION:							
ELEVATION (MSL):							
DESCRIPTION:	FIELD BLANK	TRIP BLANK	TRIP BLANK	BOTTLE BLANK	FIELD BLANK	TRIP BLANK	TRIP BLANK
UNITS:	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L
DATE SAMPLED:	12/14/88	12/13/88	11/07/88	12/14/88	12/14/88	12/14/88	11/09/88

*** PESTICIDES ***

PP	CAS NO	COMPOUND
NO PARAMETERS FOR THIS CATEGORY		

001234

BYRON BARREL AND DRUM SITE - MONITORING WELLS

SAMPLE NUMBER:	BS-MW000-4F	BS-MW000-4T	BS-MW001-3T	BS-MW001-4B	BS-MW001-4F	BS-MW001-4T	BS-MW002-3T
TRAFFIC REPORT NUMBER:	MB1836			MB1837	MB1838		
LOCATION:							
ELEVATION (MSL):							
DESCRIPTION:	FIELD BLANK			BOTTLE BLANK	FIELD BLANK		
UNITS:	UG/L			UG/L	UG/L		
DATE SAMPLED:	12/14/88	12/13/88	/ /	12/14/88	12/14/88	12/14/88	/ /

*** INORGANICS ***

PP	CAS NO	COMPOUND

1		ALUMINUM	112		
2		ANTIMONY			
3		ARSENIC			
4		BARIUM			
5		BERYLLIUM	1.3	1.6	1.6
6		CADMIUM			
7		CALCIUM	1060	105	
8		CHROMIUM			
9		COBALT			
10		COPPER			
11		IRON	170		
12		LEAD			
13		MAGNESIUM	286	37.4	
14		MANGANESE			
15		MERCURY			
16		NICKEL			
17		POTASSIUM			
19		SILVER		4.2	
20		SODIUM			
23		VANADIUM			
24		ZINC	2.4	2.3	3.3

001235

BYRON BARREL AND DRUM SITE - MONITORING WELLS

SAMPLE NUMBER:	BS-MW000-4F	BS-MW000-4T	BS-MW001-3T	BS-MW001-4B	BS-MW001-4F	BS-MW001-4T	BS-MW002-3T
TRAFFIC REPORT NUMBER:	NA		NA	NA	NA		NA
LOCATION:							
ELEVATION (MSL):							
DESCRIPTION:							
UNITS:							
DATE SAMPLED:	/ /	12/13/88	/ /	/ /	/ /	12/14/88	/ /

*** GEOCHEMICAL PARAMETERS ***

PP	CAS NO	COMPOUND

NO PARAMETERS FOR THIS CATEGORY

001236

BYRON BARREL AND DRUM SITE - MONITORING WELLS

SAMPLE NUMBER:	BS-MW01A-1	BS-MW01A-1A	BS-MW01A-3	BS-MW01A-4	BS-MW01B-1	BS-MW01B-3	BS-MW01B-4
TRAFFIC REPORT NUMBER:	90648	90649	BX166	4341B-007	90650	BX165	4341B-006
LOCATION:	SOURCE 1	SOURCE 1	SOURCE 1	SOURCE 1	SOURCE 1	SOURCE 1	SOURCE 1
ELEVATION (MSL):	619.27 FT	619.27 FT	619.27 FT	619.27 FT	632.77 FT	632.77 FT	632.77 FT
DESCRIPTION:	MW 1A	DUP MW 1A	MW 1A	MW 1A	MW 1B	MW 1B	MW 1B
UNITS:	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L
DATE SAMPLED:	10/11/88	10/11/88	11/07/88	12/13/88	10/10/88	11/07/88	12/13/88

*** VOLATILES ***

PP	CAS NO	COMPOUND						
	67-64-1	ACETONE						
	78-93-3	2-BUTANONE						
4V	71-43-2	BENZENE	0.26					0.5
86V	108-88-3	TOLUENE	0.20	0.23		0.3		1
	95-47-6	TOTAL XYLENES			2			
7V	108-90-7	CHLOROBENZENE						
11V	71-55-6	1,1,1-TRICHLOROETHANE	31	34	9	15	970	860 J 760
14V	79-00-5	1,1,2-TRICHLOROETHANE	0.07	0.09		0.022	2.7	J 3.7
10V	75-34-3	1,1-DICHLOROETHANE	2.3	2.2	4	5	21	15 J 13
10V	107-06-2	1,2-DICHLOROETHANE						
16V	75-00-3	CHLOROETHANE						
85V	127-18-4	TETRACHLOROETHENE	0.12	0.17			62	82 J 51
87V	79-01-6	TRICHLOROETHENE	9.6	10	6	11	2800	3300 J 2800
30V	156-60-5	TRANS-1,2-DICHLOROETHENE	0.58	0.57			48	110 0.93
29V	75-35-4	1,1-DICHLOROETHENE	0.21	0.26		0.65		12 J 4.8
88V	75-01-4	VINYL CHLORIDE						
23V	67-66-3	CHLOROFORM	0.17	0.15				
44V	75-09-2	METHYLENE CHLORIDE		0.69				
45V	74-87-3	CHLOROMETHANE						
32V	78-87-5	1,2-DICHLOROPROPANE						
48V	75-27-4	BROMODICHLOROMETHANE						
51V	124-48-1	CHLORODIBROMOMETHANE						
	75-15-0	CARBON DISULFIDE						
19V	110-75-8	2-CHLOROETHYL VINYL ETHER						J 60
		TRICHLOROFLUOROMETHANE						
	95-50-1	1,2-DICHLOROBENZENE				0.026		
	541-73-1	1,3-DICHLOROBENZENE				0.041		
	106-46-7	1,4-DICHLOROBENZENE				0.039		0.91

001237

BYRON BARREL AND DRUM SITE - MONITORING WELLS

SAMPLE NUMBER:	BS-MW01A-1	BS-MW01A-1A	BS-MW01A-3	BS-MW01A-4	BS-MW01B-1	BS-MW01B-3	BS-MW01B-4
TRAFFIC REPORT NUMBER:	90648	90649	BX166	4341B-007	90650	BX165	4341B-006
LOCATION:	SOURCE 1	SOURCE 1	SOURCE 1	SOURCE 1	SOURCE 1	SOURCE 1	SOURCE 1
ELEVATION (MSL):	NA	NA	619.27 FT	NA	NA	632.77 FT	NA
DESCRIPTION:	MW 1A	DUP MW 1A	MW 1A	MW 1A	MW 1B	MW 1B	MW 1B
UNITS:	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L
DATE SAMPLED:	10/11/88	10/11/88	11/07/88	12/13/88	10/10/88	11/07/88	12/13/88

*** BASE/NEUTRALS ***

PP	CAS NO	COMPOUND
66B	117-81-7	BIS(2-ETHYLHEXYL)PHTHALATE
26B	541-73-1	1,3-DICHLOROBENZENE
27B	106-46-7	1,4-DICHLOROBENZENE
62B	86-30-6	N-NITROSODIPHENYLAMINE

J 2

001238

BYRON BARREL AND DRUM SITE - MONITORING WELLS

SAMPLE NUMBER:	BS-MW01A-1	BS-MW01A-1A	BS-MW01A-3	BS-MW01A-4	BS-MW01B-1	BS-MW01B-3	BS-MW01B-4
TRAFFIC REPORT NUMBER:	90648	90649	BX166	4341B-007	90650	BX165	4341B-006
LOCATION:	SOURCE 1	SOURCE 1	SOURCE 1	SOURCE 1	SOURCE 1	SOURCE 1	SOURCE 1
ELEVATION (MSL):	NA	NA	619.27 FT	NA	NA	632.77 FT	NA
DESCRIPTION:	MW 1A	DUP MW 1A	MW 1A	MW 1A	MW 1B	MW 1B	MW 1B
UNITS:	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L
DATE SAMPLED:	10/11/88	10/11/88	11/07/88	12/13/88	10/10/88	11/07/88	12/13/88

*** ACIDS ***

PP	CAS NO	COMPOUND

NO PARAMETERS FOR THIS CATEGORY

001239

LEYRON BARREL AND DRUM SITE - MONITORING WELLS

SAMPLE NUMBER:	BS-MW01A-1	BS-MW01A-1A	BS-MW01A-3	BS-MW01A-4	BS-MW01B-1	BS-MW01B-3	BS-MW01B-4
TRAFFIC REPORT NUMBER:	90648	90649	BX166	4341B-007	90650	BX165	4341B-006
LOCATION:	SOURCE 1	SOURCE 1	SOURCE 1	SOURCE 1	SOURCE 1	SOURCE 1	SOURCE 1
ELEVATION (MSL):	NA	NA	619.27 FT	NA	NA	632.77 FT	NA
DESCRIPTION:	MW 1A	DUP MW 1A	MW 1A	MW 1A	MW 1B	MW 1B	MW 1B
UNITS:	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L
DATE SAMPLED:	10/11/88	10/11/88	11/07/88	12/13/88	10/10/88	11/07/88	12/13/88

*** PESTICIDES ***

PP	CAS NO	COMPOUND

NO PARAMETERS FOR THIS CATEGORY

075100

BYRON BARREL AND DRUM SITE - MONITORING WELLS

SAMPLE NUMBER:	BS-MW01A-1	BS-MW01A-1A	BS-MW01A-3	BS-MW01A-4	BS-MW01B-1	BS-MW01B-3	BS-MW01B-4
TRAFFIC REPORT NUMBER:	NA	NA	MBT566	MBT818	NA	MBT565	MBT817
LOCATION:			SOURCE 1	SOURCE 1		SOURCE 1	SOURCE 1
ELEVATION (MSL):			619.27 FT	619.27 FT		632.77 FT	632.77 FT
DESCRIPTION:			MW 1A	MW 1A		MW 1B	MW 1B
UNITS:			UG/L	UG/L		UG/L	UG/L
DATE SAMPLED:	/ /	/ /	11/07/88	12/13/88	/ /	11/07/88	12/13/88

*** INORGANICS ***

PP	CAS NO	COMPOUND				
1		ALUMINUM		3300		135000
2		ANTIMONY				
3		ARSENIC	J 10		J 5	
4		BARIUM	514	143	1550	2250
5		BERYLLIUM		1.5	3	11.5
6		CADMIUM	J 10		23	21.4
7		CALCIUM	J 514000	84300	J 549000	1420000
8		CHROMIUM	42	46.5	34	194
9		COBALT	19		54	148
10		COPPER	J 130	J 23.7	J 618	J 1920
11		IRON	37100	5650	40400	328000
12		LEAD	J 110	7.8	J 260	449
13		MAGNESIUM	116000	34700	J 112000	370000
14		MANGANESE	2670	339	7600	10300
15		MERCURY				0.4
16		NICKEL	73	21.9	104	280
17		POTASSIUM	J 7520	5830	J 4260	19900
19		SILVER				8.9
20		SODIUM	32100	35100	3300	4390
23		VANADIUM	22	5.7	35	302
24		ZINC	J 440	52	J 2020	7130

001241

BYRON BARREL AND DRUM SITE - MONITORING WELLS

SAMPLE NUMBER:	BS-MW01A-1	BS-MW01A-1A	BS-MW01A-3	BS-MW01A-4	BS-MW01B-1	BS-MW01B-3	BS-MW01B-4
TRAFFIC REPORT NUMBER:	NA	NA	NA	NA	NA	NA	NA
LOCATION:							
ELEVATION (MSL):							
DESCRIPTION:							
UNITS:							
DATE SAMPLED:	/ /	/ /	/ /	/ /	/ /	/ /	/ /

*** GEOCHEMICAL PARAMETERS ***

PP	CAS NO	COMPOUND

NO PARAMETERS FOR THIS CATEGORY

001342

BYRON BARREL AND DRUM SITE - MONITORING WELLS

SAMPLE NUMBER:	BS-MW02A-1	BS-MW02A-3	BS-MW02A-4	BS-MW02B-1	BS-MW02B-3	BS-MW02B-3A	BS-MW02B-4
TRAFFIC REPORT NUMBER:	90651	BX169	4341B-009	90652	BX170	BX171	4341B-008
LOCATION:	SOURCE 2	SOURCE 2	SOURCE 2	SOURCE 2	SOURCE 2	SOURCE 2	SOURCE 2
ELEVATION (MSL):	622.74 FT	622.74 FT	622.74 FT	634.91 FT	634.91 FT	634.91 FT	634.91 FT
DESCRIPTION:	MW 2A	MW 2A	MW 2A	MW 2B	MW 2B	DUP MW 2B	MW 2B
UNITS:	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L
DATE SAMPLED:	10/10/88	11/07/88	12/13/88	10/10/88	11/07/88	11/07/88	12/13/88

*** VOLATILES ***

PP	CAS NO	COMPOUND	BS-MW02A-1	BS-MW02A-3	BS-MW02A-4	BS-MW02B-1	BS-MW02B-3	BS-MW02B-3A	BS-MW02B-4
	67-64-1	ACETONE							
	78-93-3	2-BUTANONE							
4V	71-43-2	BENZENE							
86V	108-88-3	TOLUENE							0.4
	95-47-6	TOTAL XYLENES							
7V	108-90-7	CHLOROBENZENE				0.25			
11V	71-55-6	1,1,1-TRICHLOROETHANE	150	79	96	270	250	270	J 180
14V	79-00-5	1,1,2-TRICHLOROETHANE	0.07		0.018				
10V	75-34-3	1,1-DICHLOROETHANE	15	7	1.2	1.3	1		0.49
10V	107-06-2	1,2-DICHLOROETHANE				0.41			
16V	75-00-3	CHLOROETHANE							
85V	127-18-4	TETRACHLOROETHENE				0.48			
87V	79-01-6	TRICHLOROETHENE	0.34					3	
30V	156-60-5	TRANS-1,2-DICHLOROETHENE							
29V	75-35-4	1,1-DICHLOROETHENE	1.4	2	1.2	3.9	7	7	3.2
88V	75-01-4	VINYL CHLORIDE							
23V	67-66-3	CHLOROFORM	0.09			0.51			0.13
44V	75-09-2	METHYLENE CHLORIDE	0.67						
45V	74-87-3	CHLOROMETHANE							
32V	78-87-5	1,2-DICHLOROPROPANE							
48V	75-27-4	BROMODICHLOROMETHANE							0.021
51V	124-48-1	CHLORODIBROMOMETHANE							
	75-15-0	CARBON DISULFIDE							
19V	110-75-8	2-CHLOROETHYL VINYL ETHER							
		TRICHLOROFLUOROMETHANE							
	95-50-1	1,2-DICHLOROBENZENE							
	541-73-1	1,3-DICHLOROBENZENE			0.02				
	106-46-7	1,4-DICHLOROBENZENE			0.03				0.016

001243

BYRON BARREL AND DRUM SITE - MONITORING WELLS

SAMPLE NUMBER:	BS-MW02A-1	BS-MW02A-3	BS-MW02A-4	BS-MW02B-1	BS-MW02B-3	BS-MW02B-3A	BS-MW02B-4
TRAFFIC REPORT NUMBER:	90651	BX169	4341B-009	90652	BX170	BX171	4341B-008
LOCATION:	SOURCE 2	SOURCE 2	SOURCE 2	SOURCE 2	SOURCE 2	SOURCE 2	SOURCE 2
ELEVATION (MSL):	NA	622.74 FT	NA	NA	634.91 FT	634.91 FT	NA
DESCRIPTION:	MW 2A	MW 2A	MW 2A	MW 2B	MW 2B	DUP MW 2B	MW 2B
UNITS:	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L
DATE SAMPLED:	10/10/88	11/07/88	12/13/88	10/10/88	11/07/88	11/07/88	12/13/88

*** BASE/NEUTRALS ***

PP	CAS NO	COMPOUND
66B	117-81-7	BIS(2-ETHYLHEXYL)PHTHALATE
26B	541-73-1	1,3-DICHLOROBENZENE
27B	106-46-7	1,4-DICHLOROBENZENE
62B	86-30-6	N-NITROSODIPHENYLAMINE

0012100

BYRON BARREL AND DRUM SITE - MONITORING WELLS

SAMPLE NUMBER:	BS-MW02A-1	BS-MW02A-3	BS-MW02A-4	BS-MW02B-1	BS-MW02B-3	BS-MW02B-3A	BS-MW02B-4
TRAFFIC REPORT NUMBER:	90651	BX169	4341B-009	90652	BX170	BX171	4341B-008
LOCATION:	SOURCE 2	SOURCE 2	SOURCE 2	SOURCE 2	SOURCE 2	SOURCE 2	SOURCE 2
ELEVATION (MSL):	NA	622.74 FT	NA	NA	634.91 FT	634.91 FT	NA
DESCRIPTION:	MW 2A	MW 2A	MW 2A	MW 2B	MW 2B	DUP MW 2B	MW 2B
UNITS:	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L
DATE SAMPLED:	10/10/88	11/07/88	12/13/88	10/10/88	11/07/88	11/07/88	12/13/88

*** ACIDS ***

PP	CAS NO	COMPOUND

NO PARAMETERS FOR THIS CATEGORY

001245

BYRON BARREL AND DRUM SITE - MONITORING WELLS

SAMPLE NUMBER:	BS-MW02A-1	BS-MW02A-3	BS-MW02A-4	BS-MW02B-1	BS-MW02B-3	BS-MW02B-3A	BS-MW02B-4
TRAFFIC REPORT NUMBER:	90651	BX169	4341B-009	90652	BX170	BX171	4341B-008
LOCATION:	SOURCE 2	SOURCE 2	SOURCE 2	SOURCE 2	SOURCE 2	SOURCE 2	SOURCE 2
ELEVATION (MSL):	NA	622.74 FT	NA	NA	634.91 FT	634.91 FT	NA
DESCRIPTION:	MW 2A	MW 2A	MW 2A	MW 2B	MW 2B	DUP MW 2B	MW 2B
UNITS:	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L
DATE SAMPLED:	10/10/88	11/07/88	12/13/88	10/10/88	11/07/88	11/07/88	12/13/88

*** PESTICIDES ***

PP	CAS NO	COMPOUND

NO PARAMETERS FOR THIS CATEGORY

001246

BYRON BARREL AND DRUM SITE - MONITORING WELLS

SAMPLE NUMBER:	BS-MW02A-1	BS-MW02A-3	BS-MW02A-4	BS-MW02B-1	BS-MW02B-3	BS-MW02B-3A	BS-MW02B-4
TRAFFIC REPORT NUMBER:	NA	MBT569	MBT821	NA	MBT570	MBT571	MBT820
LOCATION:		SOURCE 2	SOURCE 2		SOURCE 2	SOURCE 2	SOURCE 2
ELEVATION (MSL):		622.74 FT	622.74 FT		634.91 FT	634.91 FT	634.91 FT
DESCRIPTION:		MW 2A	MW 2A		MW 2B	DUP MW 2B	MW 2B
UNITS:		UG/L	UG/L		UG/L	UG/L	UG/L
DATE SAMPLED:	/ /	11/07/88	12/13/88	/ /	11/07/88	11/07/88	12/13/88

*** INORGANICS ***

PP	CAS NO	COMPOUND					
1		ALUMINUM		1460			36700
2		ANTIMONY					
3		ARSENIC	J 6		J 3	J 4	
4		BARIUM	372	120	474	464	712
5		BERYLLIUM		1.5			2.5
6		CADMIUM	J 6		J 6	J 6	4.7
7		CALCIUM	322000	71400	J 217000	J 21700	324000
8		CHROMIUM	48	37.8	45	44	114
9		COBALT	13		15	13	37.7
10		COPPER	J 74	J 9.5	J 79	J 86	J 172
11		IRON	30700	2530	23200	27100	74100
12		LEAD	J 76		J 160	J 230	178
13		MAGNESIUM	86700	25500	54300	55800	95400
14		MANGANESE	1620	132	1630	1680	2270
15		MERCURY					
16		NICKEL	47	8.9	38	42	85.7
17		POTASSIUM	J 3390	1710	2750	2840	8420
19		SILVER		4.9			
20		SODIUM	11000	11800	3650	3680	2880
23		VANADIUM	18	4.5	20	21	74.7
24		ZINC	J 309	24.6	J 364	J 391	760

001247

BYRON BARREL AND DRUM SITE - MONITORING WELLS

SAMPLE NUMBER:	BS-MW02A-1	BS-MW02A-3	BS-MW02A-4	BS-MW02B-1	BS-MW02B-3	BS-MW02B-3A	BS-MW02B-4
TRAFFIC REPORT NUMBER:	NA	NA	NA	NA	NA	NA	NA
LOCATION:							
ELEVATION (MSL):							
DESCRIPTION:							
UNITS:							
DATE SAMPLED:	/ /	/ /	/ /	/ /	/ /	/ /	/ /

*** GEOCHEMICAL PARAMETERS ***

PP	CAS NO	COMPOUND

NO PARAMETERS FOR THIS CATEGORY

0012100

BYRON BARREL AND DRUM SITE - MONITORING WELLS

SAMPLE NUMBER:	BS-MW03A-1	BS-MW03A-3	BS-MW03A-4	BS-MW03B-1	BS-MW03B-3	BS-MW03B-4	BS-MW04A-2
TRAFFIC REPORT NUMBER:	90653	BX175	4341B-010	90654	BX176	4341B-011	91122
LOCATION:	SOURCE 3	SOURCE 3	SOURCE 2	SOURCE 3	SOURCE 3	SOURCE 3	UPGRAD. WELL
ELEVATION (MSL):	625.50 FT	624.50 FT	622.74 FT	633.14 FT	633.14 FT	633.14 FT	626.52 FT
DESCRIPTION:	MW 3A	MW 3A	MW 3A	MW 3B	MW 3B	MW 3B	MW 4A
UNITS:	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L
DATE SAMPLED:	10/10/88	11/09/88	12/13/88	10/10/88	11/09/88	12/13/88	10/20/88

*** VOLATILES ***

PP	CAS NO	COMPOUND				
	67-64-1	ACETONE				
	78-93-3	2-BUTANONE				
4V	71-43-2	BENZENE				
86V	108-88-3	TOLUENE				0.22
	95-47-6	TOTAL XYLENES				
7V	108-90-7	CHLORO BENZENE				
11V	71-55-6	1,1,1-TRICHLOROETHANE	0.03		0.05	
14V	79-00-5	1,1,2-TRICHLOROETHANE				
10V	75-34-3	1,1-DICHLOROETHANE				
10V	107-06-2	1,2-DICHLOROETHANE				
16V	75-00-3	CHLOROETHANE				
85V	127-18-4	TETRACHLOROETHENE				
87V	79-01-6	TRICHLOROETHENE				
30V	156-60-5	TRANS-1,2-DICHLOROETHENE				
29V	75-35-4	1,1-DICHLOROETHENE				
88V	75-01-4	VINYL CHLORIDE				
23V	67-66-3	CHLOROFORM		0.026	0.10	0.033
44V	75-09-2	METHYLENE CHLORIDE				2.8
45V	74-87-3	CHLOROMETHANE				
32V	78-87-5	1,2-DICHLOROPROPANE				
48V	75-27-4	BROMODICHLOROMETHANE				
51V	124-48-1	CHLORODIBROMOMETHANE				
	75-15-0	CARBON DISULFIDE				
19V	110-75-8	2-CHLOROETHYL VINYL ETHER				
		TRICHLOROFLUOROMETHANE				
	95-50-1	1,2-DICHLORO BENZENE				
	941-73-1	1,3-DICHLORO BENZENE				
	106-46-7	1,4-DICHLORO BENZENE				0.020

001249

BYRON BARREL AND DRUM SITE - MONITORING WELLS

SAMPLE NUMBER:	BS-MW03A-1	BS-MW03A-3	BS-MW03A-4	BS-MW03B-1	BS-MW03B-3	BS-MW03B-4	BS-MW04A-2
TRAFFIC REPORT NUMBER:	90653	BX175	4341B-010	90654	BX176	4341B-011	91122
LOCATION:	SOURCE 3	SOURCE 3	SOURCE 2	SOURCE 3	SOURCE 3	SOURCE 3	UPGRAD. WELL
ELEVATION (MSL):	NA	624.50 FT	NA	NA	633.14 FT	NA	NA
DESCRIPTION:	MW 3A	MW 3A	MW 3A	MW 3B	MW 3B	MW 3B	MW 4A
UNITS:	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L
DATE SAMPLED:	10/10/88	11/09/88	12/13/88	10/10/88	11/09/88	12/13/88	10/20/88

*** BASE/NEUTRALS ***

PP	CAS NO	COMPOUND
66B	117-81-7	BIS(2-ETHYLHEXYL)PHTHALATE
26B	541-73-1	1,3-DICHLOROBENZENE
27B	106-46-7	1,4-DICHLOROBENZENE
62B	86-30-6	N-NITROSODIPHENYLAMINE

J 3

J 2

001250

BYRON BARREL AND DRUM SITE - MONITORING WELLS

SAMPLE NUMBER:	BS-MW03A-1	BS-MW03A-3	BS-MW03A-4	BS-MW03B-1	BS-MW03B-3	BS-MW03B-4	BS-MW04A-2
TRAFFIC REPORT NUMBER:	90653	BX175	4341B-010	90654	BX176	4341B-011	91122
LOCATION:	SOURCE 3	SOURCE 3	SOURCE 2	SOURCE 3	SOURCE 3	SOURCE 3	UPGRAD. WELL
ELEVATION (MSL):	NA	624.50 FT	NA	NA	633.14 FT	NA	NA
DESCRIPTION:	MW 3A	MW 3A	MW 3A	MW 3B	MW 3B	MW 3B	MW 4A
UNITS:	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L
DATE SAMPLED:	10/10/88	11/09/88	12/13/88	10/10/88	11/09/88	12/13/88	10/20/88

*** ACIDS ***

PP	CAS NO	COMPOUND

NO PARAMETERS FOR THIS CATEGORY

001251

RYRON BARREL AND DRUM SITE - MONITORING WELLS

SAMPLE NUMBER:	BS-MW03A-1	BS-MW03A-3	BS-MW03A-4	BS-MW03B-1	BS-MW03B-3	BS-MW03B-4	BS-MW04A-2
TRAFFIC REPORT NUMBER:	90653	BX175	4341B-010	90654	BX176	4341B-011	91172
LOCATION:	SOURCE 3	SOURCE 3	SOURCE 2	SOURCE 3	SOURCE 3	SOURCE 3	UPGRAD. WELL
ELEVATION (MSL):	NA	624.50 FT	NA	NA	633.14 FT	NA	NA
DESCRIPTION:	MW 3A	MW 3A	MW 3A	MW 3B	MW 3B	MW 3B	MW 4A
UNITS:	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L
DATE SAMPLED:	10/10/88	11/09/88	12/13/88	10/10/88	11/09/88	12/13/88	10/20/88

*** PESTICIDES ***

PP	CAS NO	COMPOUND

NO PARAMETERS FOR THIS CATEGORY

001252

BYRON BARREL AND DRUM SITE - MONITORING WELLS

SAMPLE NUMBER:	BS-MW03A-1	BS-MW03A-3	BS-MW03A-4	BS-MW03B-1	BS-MW03B-3	BS-MW03B-4	BS-MW04A-2
TRAFFIC REPORT NUMBER:	NA	MB1575	MB1822	NA	MB1576	MB1823	NA
LOCATION:		SOURCE 3	SOURCE 3		SOURCE 3	SOURCE 3	
ELEVATION (MSL):		624.50 FT	625.51 FT		633.14 FT	633.15	
DESCRIPTION:		MW 3A	MW 3A		MW 3B	MW 3B	
UNITS:		UG/L	UG/L		UG/L	UG/L	
DATE SAMPLED:	/ /	11/09/88	12/13/88	/ /	11/09/88	12/13/88	/ /

*** INORGANICS ***

PP	CAS NO	COMPOUND				
1		ALUMINUM		7380		42700
2		ANTIMONY				
3		ARSENIC	J 10		J 10	
4		BARIUM	741	190	897	516
5		BERYLLIUM		1.1	3	3.4
6		CADMIUM	J 8		J 9	
7		CALCIUM	J 397000	98700	341000	187600
8		CHROMIUM	34	63.3	33	125
9		COBALT	31	7.5	36	45.7
10		COPPER	J 112	J 27.6	J 164	J 156
11		IRON	44300	12900	37100	85400
12		LEAD	J 66	4.8	J 122	102
13		MAGNESIUM	J 67600	30900	65400	56900
14		MANGANESE	2970	337	4290	2160
15		MERCURY			J 0.2	
16		NICKEL	64	36.7	62	107
17		POTASSIUM	J 3540	3340	3560	8210
19		SILVER				4.1
20		SODIUM	6920	6540	5490	4720
23		VANADIUM	32	9.2	54	88.3
24		ZINC	280	67.3	J 591	559

001253

BYRON BARREL AND DRUM SITE - MONITORING WELLS

SAMPLE NUMBER:

BS-MW03A-1

BS-MW03A-3

BS-MW03A-4

BS-MW03B-1

BS-MW03B-3

BS-MW03B-4

BS-MW04A-2

TRAFFIC REPORT NUMBER:

NA

NA

NA

NA

NA

NA

NA

LOCATION:

ELEVATION (MSL):

DESCRIPTION:

UNITS:

DATE SAMPLED:

/ /

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*** GEOCHEMICAL PARAMETERS ***

PP

CAS NO

COMPOUND

NO PARAMETERS FOR THIS CATEGORY

001254

BYRON BARREL AND DRUM SITE - MONITORING WELLS

SAMPLE NUMBER:	BS-MW04A-3	BS-MW04A-4	BS-MW05A-2	BS-MW05A-3	BS-MW05A-4	BS-MW05B-2	BS-MW05B-3
TRAFFIC REPORT NUMBER:	BX168	4341B-014	91123	BX180	4341B-021	91124	BX181
LOCATION:	UPGRAD. WELL	UPGRAD. WELL	MUCKLAND	MUCKLAND	MUCKLAND	MUCKLAND	MUCKLAND
ELEVATION (MSL):	626.52 FT	626.52 FT	619.04 FT	619.04 FT	619.04 FT	627.67 FT	627.67 FT
DESCRIPTION:	MW 4A	MW 4A	MW 5A	MW 5A	MW 5A	MW 5B	MW 5B
UNITS:	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L
DATE SAMPLED:	11/07/88	12/14/88	10/20/88	11/09/88	12/14/88	10/21/88	11/09/88

*** VOLATILES ***

PP	CAS NO	COMPOUND					
	67-64-1	ACETONE					
	78-93-3	2-BUTANONE					
4V	71-43-2	BENZENE					
86V	108-88-3	TOLUENE			J 1		J 1
	95-47-6	TOTAL XYLENES	2				
7V	108-90-7	CHLOROBENZENE					
11V	71-55-6	1,1,1-TRICHLOROETHANE		400	380	J 360	450 600
14V	79-00-5	1,1,2-TRICHLOROETHANE				0.032	
10V	75-34-3	1,1-DICHLOROETHANE		4.5	J 10	5.1	3.4 5
10V	107-06-2	1,2-DICHLOROETHANE					
16V	75-00-3	CHLOROETHANE					
85V	127-18-4	TETRACHLOROETHENE					
87V	79-01-6	TRICHLOROETHENE					
30V	156-60-5	TRANS-1,2-DICHLOROETHENE					
29V	75-35-4	1,1-DICHLOROETHENE		4.2	J 8	6.1	4.1 11
88V	75-01-4	VINYL CHLORIDE					
23V	67-66-3	CHLOROFORM					
44V	75-09-2	METHYLENE CHLORIDE					
45V	74-87-3	CHLOROMETHANE					
32V	78-87-5	1,2-DICHLOROPROPANE					
48V	75-27-4	BROMODICHLOROMETHANE					
51V	124-48-1	CHLORODIBROMOMETHANE					
	75-15-0	CARBON DISULFIDE					
19V	110-75-8	2-CHLOROETHYL VINYL ETHER					
		TRICHLOROFLUOROMETHANE					
	95-50-1	1,2-DICHLOROBENZENE					
	541-73-1	1,3-DICHLOROBENZENE					
	106-46-7	1,4-DICHLOROBENZENE					

001255

BYRON BARREL AND DRUM SITE - MONITORING WELLS

SAMPLE NUMBER:	BS-MW04A-3	BS-MW04A-4	BS-MW05A-2	BS-MW05A-3	BS-MW05A-4	BS-MW05B-2	BS-MW05B-3
TRAFFIC REPORT NUMBER:	BX168	4341B-014	91123	BX180	4341B-021	91124	BX181
LOCATION:	UPGRAD. WELL	UPGRAD. WELL	MUCKLAND	MUCKLAND	MUCKLAND	MUCKLAND	MUCKLAND
ELEVATION (MSL):	626.51 FT	NA	NA	619.04 FT	NA	NA	627.67 FT
DESCRIPTION:	MW 4A	MW 4A	MW 5A	MW 5A	MW 5A	MW 5B	MW 5B
UNITS:	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L
DATE SAMPLED:	11/07/88	12/14/88	10/20/88	11/09/88	12/14/88	10/21/88	11/09/88

*** BASE/NEUTRALS ***

PP	CAS NO	COMPOUND
66B	117-81-7	BIS(2-ETHYLHEXYL)PHTHALATE
26B	541-73-1	1,3-DICHLOROBENZENE
27B	106-46-7	1,4-DICHLOROBENZENE
62B	86-30-6	N-NITROSODIPHENYLAMINE

J 2

001256

BYRON BARREL AND DRUM SITE - MONITORING WELLS

SAMPLE NUMBER:	BS-MW04A-3	BS-MW04A-4	BS-MW05A-2	BS-MW05A-3	BS-MW05A-4	BS-MW05B-2	BS-MW05B-3
TRAFFIC REPORT NUMBER:	BX168	4341B-014	91123	BX180	4341B-021	91124	BX181
LOCATION:	UPGRAD. WELL	UPGRAD. WELL	MUCKLAND	MUCKLAND	MUCKLAND	MUCKLAND	MUCKLAND
ELEVATION (MSL):	626.51 FT	NA	NA	619.04 FT	NA	NA	627.67 FT
DESCRIPTION:	MW 4A	MW 4A	MW 5A	MW 5A	MW 5A	MW 5B	MW 5B
UNITS:	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L
DATE SAMPLED:	11/07/88	12/14/88	10/20/88	11/09/88	12/14/88	10/21/88	11/09/88

*** ACIDS ***

PP	CAS NO	COMPOUND

NO PARAMETERS FOR THIS CATEGORY

001257

BYRON BARREL AND DRUM SITE - MONITORING WELLS

SAMPLE NUMBER:	BS-MW04A-3	BS-MW04A-4	BS-MW05A-2	BS-MW05A-3	BS-MW05A-4	BS-MW05B-2	BS-MW05B-3
TRAFFIC REPORT NUMBER:	BX168	4341B-014	91123	BX180	4341B-021	91124	BX181
LOCATION:	UPGRAD. WELL	UPGRAD. WELL	MUCKLAND	MUCKLAND	MUCKLAND	MUCKLAND	MUCKLAND
ELEVATION (MSL):	626.51 FT	NA	NA	619.04 FT	NA	NA	627.67 FT
DESCRIPTION:	MW 4A	MW 4A	MW 5A	MW 5A	MW 5A	MW 5B	MW 5B
UNITS:	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L
DATE SAMPLED:	11/07/88	12/14/88	10/20/88	11/09/88	12/14/88	10/21/88	11/09/88

*** PESTICIDES ***

PP	CAS NO	COMPOUND

NO PARAMETERS FOR THIS CATEGORY

001258

BYRON BARREL AND DRUM SITE - MONITORING WELLS

SAMPLE NUMBER:	BS-MW04A-3	BS-MW04A-4	BS-MW05A-2	BS-MW05A-3	BS-MW05A-4	BS-MW05B-2	BS-MW05B-3
TRAFFIC REPORT NUMBER:	MBT568	MBT824	NA	MBT580	MBT828	NA	MBT581
LOCATION:	UPGRAD. WELL	UPGRAD. WELL		MUCKLAND	MUCKLAND		MUCKLAND
ELEVATION (MSL):	626.52 FT	626.52 FT		619.04 FT	619.04 FT		627.67 FT
DESCRIPTION:	MW 4A	MW 4A		MW 5A	MW 5A		MW 5B
UNITS:	UG/L	UG/L		UG/L	UG/L		UG/L
DATE SAMPLED:	11/07/88	12/14/88	/ /	11/09/88	12/14/88	/ /	11/09/88

*** INORGANICS ***

PI	CAS NO	COMPOUND				
1		ALUMINUM		58900		12600
2		ANTIMONY				
3		ARSENIC	J 8		J 12	J 9
4		BARIUM	1490	829	871	298
5		BERYLLIUM	4	4.6		1.3
6		CADMIUM	20		J 10	J 8
7		CALCIUM	549000	439000	J 545000	J 418000
8		CHROMIUM	89	171	49	81.7
9		COBALT	65	63.1	39	13.2
10		COPPER	J 384	J 406	J 137	J 49.7
11		IRON	33600	159000	38500	24600
12		LEAD	J 170	125	J 94	15.5
13		MAGNESIUM	151000	143000	92300	41600
14		MANGANESE	8340	3170	J 4360	619
15		MERCURY				
16		NICKEL	143	140	69	23.7
17		POTASSIUM	6100	12900	J 4660	4680
19		SILVER	J 6	5.2		
20		SODIUM	9370	9010	24600	9470
23		VANADIUM	45	129	24	25.1
24		ZINC	J 753	917	J 557	225
						885
						1990
						3550
						4610
						34
						J 325

001259

BYRON BARREL AND DRUM SITE - MONITORING WELLS

SAMPLE NUMBER:	BS-MW04A-3	BS-MW04A-4	BS-MW05A-2	BS-MW05A-3	BS-MW05A-4	BS-MW05B-2	BS-MW05B-3
TRAFFIC REPORT NUMBER:	NA	NA	NA	NA	NA	NA	NA
LOCATION:							
ELEVATION (MSL):							
DESCRIPTION:							
UNITS:							
DATE SAMPLED:	/ /	/ /	/ /	/ /	/ /	/ /	/ /

*** GEOCHEMICAL PARAMETERS ***

PP	CAS NO	COMPOUND

NO PARAMETERS FOR THIS CATEGORY

001230

BYRON BARREL AND DRUM SITE - MONITORING WELLS

SAMPLE NUMBER:	BS-MW05B-4	BS-MW06A-2	BS-MW06A-3	BS-MW06A-4	BS-MW06B-2	BS-MW06B-3	BS-MW06B-4
TRAFFIC REPORT NUMBER:	4341B-022	91125	BX162	4341B-004	91126	BX163	4341B-005
LOCATION:	MUCKLAND	ACCESS ROAD	ACCESS ROAD	ACCESS ROAD	ACCESS ROAD	ACCESS ROAD	ACCESS ROAD
ELEVATION (MSL):	627.67 FT	622.20 FT	622.20 FT	622.20 FT	633.53 FT	633.51 FT	633.53 FT
DESCRIPTION:	MW 5B	MW 6A	MW 6A	MW 6A	MW 6B	MW 6B	MW 6B
UNITS:	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L
DATE SAMPLED:	12/14/88	10/21/88	11/07/88	12/13/88	10/21/88	11/07/88	12/13/88

*** VOLATILES ***

PP	CAS NO	COMPOUND				
	67-64-1	ACETONE				
	78-93-3	2-BUTANONE				
4V	71-43-2	BENZENE				
86V	108-88-3	TOLUENE				0.7
	95-47-6	TOTAL XYLENES				
7V	108-90-7	CHLOROBENZENE				
11V	71-55-6	1,1,1-TRICHLOROETHANE	J 320	0.28		0.45
14V	79-00-5	1,1,2-TRICHLOROETHANE	0.028			
10V	75-34-3	1,1-DICHLOROETHANE	6			
10V	107-06-2	1,2-DICHLOROETHANE				
16V	75-00-3	CHLOROETHANE				
85V	127-18-4	TETRACHLOROETHENE		0.06		
87V	79-01-6	TRICHLOROETHENE				
30V	156-60-5	TRANS-1,2-DICHLOROETHENE				
29V	75-35-4	1,1-DICHLOROETHENE	4.7			
88V	75-01-4	VINYL CHLORIDE			0.06	
23V	67-66-3	CHLOROFORM		0.13		0.42
44V	75-09-2	METHYLENE CHLORIDE				
45V	74-87-3	CHLOROMETHANE				
32V	78-87-5	1,2-DICHLOROPROPANE				
48V	75-27-4	BROMODICHLOROMETHANE			0.23	0.024
51V	124-48-1	CHLORODIBROMOMETHANE			0.14	
	75-15-0	CARBON DISULFIDE				
19V	110-75-8	2-CHLOROETHYL VINYL ETHER				
		TRICHLOROFLUOROMETHANE				
	95-50-1	1,2-DICHLOROBENZENE				
	541-73-1	1,3-DICHLOROBENZENE				
	106-46-7	1,4-DICHLOROBENZENE			0.027	0.02

001261

BYRON BARREL AND DRUM SITE - MONITORING WELLS

SAMPLE NUMBER:	BS-MW05B-4	BS-MW06A-2	BS-MW06A-3	BS-MW06A-4	BS-MW06B-2	BS-MW06B-3	BS-MW06B-4
TRAFFIC REPORT NUMBER:	4341B-022	91125	BX162	4341B-004	91126	BX163	4341B-005
LOCATION:	MUCKLAND	ACCESS ROAD	ACCESS ROAD	ACCESS ROAD	ACCESS ROAD	ACCESS ROAD	ACCESS ROAD
ELEVATION (MSL):	NA	NA	622.33 FT	NA	NA	633.51 FT	NA
DESCRIPTION:	MW 5B	MW 6A	MW 6A	MW 6A	MW 6B	MW 6B	MW 6B
UNITS:	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L
DATE SAMPLED:	12/14/88	10/21/88	11/07/88	12/13/88	10/21/88	11/07/88	12/13/88

*** BASE/NEUTRALS ***

PP	CAS NO	COMPOUND
66B	117-81-7	BIS(2-ETHYLHEXYL)PHTHALATE
26B	541-73-1	1,3-DICHLOROBENZENE
27B	106-46-7	1,4-DICHLOROBENZENE
62B	86-30-6	N-NITROSODIPHENYLAMINE

001262

BYRON BARREL AND DRUM SITE - MONITORING WELLS

SAMPLE NUMBER:	BS-MW05B-4	BS-MW06A-2	BS-MW06A-3	BS-MW06A-4	BS-MW06B-2	BS-MW06B-3	BS-MW06B-4
TRAFFIC REPORT NUMBER:	4341B-022	91125	BX162	4341B-004	91126	BX163	4341B-005
LOCATION:	MUCKLAND	ACCESS ROAD	ACCESS ROAD	ACCESS ROAD	ACCESS ROAD	ACCESS ROAD	ACCESS ROAD
ELEVATION (MSL):	NA	NA	622.33 FT	NA	NA	633.51 FT	NA
DESCRIPTION:	MW 5B	MW 6A	MW 6A	MW 6A	MW 6B	MW 6B	MW 6B
UNITS:	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L
DATE SAMPLED:	12/14/88	10/21/88	11/07/88	12/13/88	10/21/88	11/07/88	12/13/88

*** ACIDS ***

PP	CAS NO	COMPOUND
NO PARAMETERS FOR THIS CATEGORY		

001263

BYRON BARREL AND DRUM SITE - MONITORING WELLS

SAMPLE NUMBER:	BS-MW05B-4	BS-MW06A-2	BS-MW06A-3	BS-MW06A-4	BS-MW06B-2	BS-MW06B-3	BS-MW06B-4
TRAFFIC REPORT NUMBER:	4341B-022	91125	BX162	4341B-004	91126	BX163	4341B-005
LOCATION:	MUCKLAND	ACCESS ROAD	ACCESS ROAD	ACCESS ROAD	ACCESS ROAD	ACCESS ROAD	ACCESS ROAD
ELEVATION (MSL):	NA	NA	622.33 FT	NA	NA	633.51 FT	NA
DESCRIPTION:	MW 5B	MW 6A	MW 6A	MW 6A	MW 6B	MW 6B	MW 6B
UNITS:	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L
DATE SAMPLED:	12/14/88	10/21/88	11/07/88	12/13/88	10/21/88	11/07/88	12/13/88

*** PESTICIDES ***

PP	CAS NO	COMPOUND
NO PARAMETERS FOR THIS CATEGORY		

NO PARAMETERS FOR THIS CATEGORY

001264

BYRON BARREL AND DRUM SITE - MONITORING WELLS

SAMPLE NUMBER:	BS-MW05B-4	BS-MW06A-2	BS-MW06A-3	BS-MW06A-4	BS-MW06B-2	BS-MW06B-3	BS-MW06B-4
TRAFFIC REPORT NUMBER:	MB1829	NA	MBT562	MBT815	NA	MBT563	MBT816
LOCATION:	MUCKLAND		ACCESS ROAD	ACCESS ROAD		ACCESS ROAD	ROAD
ELEVATION (MSL):	627.67 FT		622.20 FT	633.51 FT		633.53 FT	622.33 FT
DESCRIPTION:	MW 5B		MW 6A	MW 6A		MW 6B	MW 6B
UNITS:	UG/L		UG/L	UG/L		UG/L	UG/L
DATE SAMPLED:	12/14/88	/ /	11/07/88	12/13/88	/ /	11/07/88	12/13/88

*** INORGANICS ***

PP	CAS NO	COMPOUND					
1		ALUMINUM	25800		7630		279000
2		ANTIMONY					
3		ARSENIC		J 9		J 4	
4		BARIUM	517	559	275	2870	5230
5		BERYLLIUM	2.4		1.1	5	22.6
6		CADMIUM		J 10		21	
7		CALCIUM	192000	J 491000	138000	J 549000	2070000
8		CHROMIUM	89.1	J 14	42.6	55	479
9		COBALT	26	31	10.8	105	377
10		COPPER	J 72	J 105	J 46.5	J 398	J 2110
11		IRON	47300	29500	15700	28100	666000
12		LEAD	17	65		J 180	631
13		MAGNESIUM	58500	J 80500	37600	J 151000	500000
14		MANGANESE	857	3280	646	9460	19800
15		MERCURY				J 0.5	0.7
16		NICKEL	58.6	52	29.3	144	606
17		POTASSIUM	6320	J 3310	3590	J 6370	35300
19		SILVER	4.6				
20		SODIUM	6160	7580	7450	5210	
23		VANADIUM	57.1	16	16.2	47	574
24		ZINC	233	J 492	172	J 1670	7580

001265

BYRON BARREL AND DRUM SITE - MONITORING WELLS

SAMPLE NUMBER:
 TRAFFIC REPORT NUMBER:
 LOCATION:
 ELEVATION (MSL):
 DESCRIPTION:
 UNITS:
 DATE SAMPLED:

BS-MW05B-4	BS-MW06A-2	BS-MW06A-3	BS-MW06A-4	BS-MW06B-2	BS-MW06B-3	BS-MW06B-4
NA	NA	NA	NA	NA	NA	NA
/ /	/ /	/ /	/ /	/ /	/ /	/ /

*** GEOCHEMICAL PARAMETERS ***

PP	CAS NO	COMPOUND

NO PARAMETERS FOR THIS CATEGORY

0012366

BYRON BARREL AND DRUM SITE - MONITORING WELLS

SAMPLE NUMBER:	BS-MW07A-3	BS-MW07A-4	BS-MW07B-2	BS-MW07B-3	BS-MW07B-4	BS-MW08B-3	BS-MW08B-4
TRAFFIC REPORT NUMBER:	RX178	4341B-016	91127	BX179	4341B-017	BX177	4341B-015
LOCATION:	MUCKLAND	MUCKLAND	MUCKLAND	MUCKLAND	MUCKLAND	MUCKLAND	MUCKLAND
ELEVATION (MSL):	619.98 FT	619.98 FT	628.85 FT	628.85 FT	628.85 FT	629.76 FT	629.76 FT
DESCRIPTION:	MW 7A	MW 7A	MW 7B	MW 7B	MW 7B	MW 8B	MW 8B
UNITS:	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L
DATE SAMPLED:	11/07/88	12/14/88	10/21/88	11/07/88	12/14/88	11/09/88	12/14/88

*** VOLATILES ***

PP	CAS NO	COMPOUND					
	67-64-1	ACETONE					
	78-93-3	2-BUTANONE					
4V	71-43-2	BENZENE					
86V	108-88-3	TOLUENE					
	95-47-6	TOTAL XYLENES					
7V	108-90-7	CHLOROBENZENE		0.046			
11V	71-55-6	1,1,1-TRICHLOROETHANE	300	240	510	310	J 110 190 J 78
14V	79-00-5	1,1,2-TRICHLOROETHANE		0.013			
10V	75-34-3	1,1-DICHLOROETHANE	11	16	4.3	3	0.56 0.12
10V	107-06-2	1,2-DICHLOROETHANE					
16V	75-00-3	CHLOROETHANE					
85V	127-18-4	TETRACHLOROETHENE					
87V	79-01-6	TRICHLOROETHENE					
30V	156-60-5	TRANS-1,2-DICHLOROETHENE					
29V	75-35-4	1,1-DICHLOROETHENE	9	3.5	3.8	1	7 0.46
88V	75-01-4	VINYL CHLORIDE					
23V	67-66-3	CHLOROFORM			0.50		
44V	75-09-2	METHYLENE CHLORIDE					
45V	74-87-3	CHLOROMETHANE					
32V	78-87-5	1,2-DICHLOROPROPANE					
48V	75-27-4	BROMODICHLOROMETHANE					
51V	124-48-1	CHLORODIBROMOMETHANE					
	75-15-0	CARBON DISULFIDE					
19V	110-75-8	2-CHLOROETHYL VINYL ETHER					
		TRICHLOROFLUOROMETHANE					
	95-50-1	1,2-DICHLOROBENZENE					
	541-73-1	1,3-DICHLOROBENZENE					
	106-46-7	1,4-DICHLOROBENZENE					

292100

BYRON BARREL AND DRUM SITE - MONITORING WELLS

SAMPLE NUMBER:	BS-MW07A-3	BS-MW07A-4	BS-MW07B-2	BS-MW07B-3	BS-MW07B-4	BS-MW08B-3	BS-MW08B-4
TRAFFIC REPORT NUMBER:	BX178	4341B-016	91127	BX179	4341B-017	BX177	4341B-015
LOCATION:	MUCKLAND	MUCKLAND	MUCKLAND	MUCKLAND	MUCKLAND	MUCKLAND	MUCKLAND
ELEVATION (MSL):	619.98 FT	NA	NA	628.85 FT	NA	629.76 FT	NA
DESCRIPTION:	MW 7A	MW 7A	MW 7B	MW 7B	MW 7B	MW 8B	MW 8B
UNITS:	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L
DATE SAMPLED:	11/07/88	12/14/88	10/21/88	11/07/88	12/14/88	11/09/88	12/14/88

*** BASE/NEUTRALS ***

PP	CAS NO	COMPOUND
66B	117-81-7	BIS(2-ETHYLHEXYL)PHTHALATE
26B	541-73-1	1,3-DICHLOROBENZENE
27B	106-46-7	1,4-DICHLOROBENZENE
62B	86-30-6	N-NITROSODIPHENYLAMINE

J 2

J 2

J 2

001500

BYRON BARREL AND DRUM SITE - MONITORING WELLS

SAMPLE NUMBER:	BS-MW07A-3	BS-MW07A-4	BS-MW07B-2	BS-MW07B-3	BS-MW07B-4	BS-MW08B-3	BS-MW08B-4
TRAFFIC REPORT NUMBER:	BX178	4341B-016	91127	BX179	4341B-017	BX177	4341B-015
LOCATION:	MUCKLAND	MUCKLAND	MUCKLAND	MUCKLAND	MUCKLAND	MUCKLAND	MUCKLAND
ELEVATION (MSL):	619.98 FT	NA	NA	628.85 FT	NA	629.76 FT	NA
DESCRIPTION:	MW 7A	MW 7A	MW 7B	MW 7B	MW 7B	MW 8B	MW 8B
UNITS:	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L
DATE SAMPLED:	11/07/88	12/14/88	10/21/88	11/07/88	12/14/88	11/09/88	12/14/88

*** ACIDS ***

PP	CAS NO	COMPOUND
NO PARAMETERS FOR THIS CATEGORY		

NO PARAMETERS FOR THIS CATEGORY

001269

BYRON BARREL AND DRUM SITE - MONITORING WELLS

SAMPLE NUMBER:	BS-MW07A-3	BS-MW07A-4	BS-MW07B-2	BS-MW07B-3	BS-MW07B-4	BS-MW08B-3	BS-MW08B-4
TRAFFIC REPORT NUMBER:	BX178	4341B-016	91127	BX179	4341B-017	BX177	4341B-015
LOCATION:	MUCKLAND	MUCKLAND	MUCKLAND	MUCKLAND	MUCKLAND	MUCKLAND	MUCKLAND
ELEVATION (MSL):	619.98 FT	NA	NA	628.85 FT	NA	629.76 FT	NA
DESCRIPTION:	MW 7A	MW 7A	MW 7B	MW 7B	MW 7B	MW 8B	MW 8B
UNITS:	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L
DATE SAMPLED:	11/07/88	12/14/88	10/21/88	11/07/88	12/14/88	11/09/88	12/14/88

*** PESTICIDES ***

PP	CAS NO	COMPOUND
NO PARAMETERS FOR THIS CATEGORY		

001270

SAMPLE NUMBER:
TRAFFIC REPORT NUMBER:
LOCATION:
ELEVATION (MSL):
DESCRIPTION:
UNITS:
DATE SAMPLED:

BS-MW07A-3	BS-MW07A-4	BS-MW07B-2	BS-MW07B-3	BS-MW07B-4	BS-MW08B-3	BS-MW08B-4
MBT578	MBT826	NA	MBT599	MBT827	MBT577	MBT825
MUCKLAND	MUCKLAND		MUCKLAND	MUCKLAND	MUCKLAND	MUCKLAND
619.98 FT	619.98 FT		628.85 FT	628.85 FT	629.76 FT	629.76 FT
MW 7A	MW 7A		MW 7B	MW 7B	MW 8B	MW 8B
UG/L	UG/L		UG/L	UG/L	UG/L	UG/L
11/07/88	12/14/88	/ /	11/07/88	12/14/88	11/09/88	12/14/88

PP	CAS NO	COMPOUND
1		ALUMINUM
2		ANTIMONY
3		ARSENIC
4		BARIUM
5		BERYLLIUM
6		CADMIUM
7		CALCIUM
8		CHROMIUM
9		COBALT
10		COPPER
11		IRON
12		LEAD
13		MAGNESIUM
14		MANGANESE
15		MERCURY
16		NICKEL
17		POTASSIUM
19		SILVER
20		SODIUM
23		VANADIUM
24		ZINC

001271

BYRON BARREL AND DRUM SITE - MONITORING WELLS

SAMPLE NUMBER:	BS-MW07A-3	BS-MW07A-4	BS-MW07B-2	BS-MW07B-3	BS-MW07B-4	BS-MW08B-3	BS-MW08B-4
TRAFFIC REPORT NUMBER:	NA	NA	NA	NA	NA	NA	NA
LOCATION:							
ELEVATION (MSL):							
DESCRIPTION:							
UNITS:							
DATE SAMPLED:	/ /	/ /	/ /	/ /	/ /	/ /	/ /

*** GEOCHEMICAL PARAMETERS ***

PP	CAS NO	COMPOUND

NO PARAMETERS FOR THIS CATEGORY

001272

BYRON BARREL AND DRUM SITE - MONITORING WELLS

SAMPLE NUMBER:	BS-MW09B-3	BS-MW09B-4	BS-MW10B-3	BS-MW10B-4	BS-MW10B-4A	BS-MW11B-3	BS-MW11B-4
TRAFFIC REPORT NUMBER:	BX167	4341B-012	BX161	4341B-002	4341B-003	BX184	4341B-025
LOCATION:	SOURCE 1	SOURCE 1	TRAILER	TRAILER	TRAILER	MUCKLAND	MUCKLAND
ELEVATION (MSL):	629.59 FT	629.59 FT	628.59 FT	628.59 FT	628.59 FT	626.26 FT	626.26 FT
DESCRIPTION:	MW 9B	MW 9B	MW 10B	MW 10B	DUP MW10B-4	MW 11B	MW 11B
UNITS:	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L
DATE SAMPLED:	11/07/88	12/13/88	11/07/88	12/13/88	12/13/88	11/09/88	12/14/88

*** VOLATILES ***

PP	CAS NO	COMPOUND				
	67-64-1	ACETONE				
	78-93-3	2-BUTANONE				
4V	71-43-2	BENZENE				
86V	108-88-3	TOLUENE			0.4	1
	95-47-6	TOTAL XYLENES		3		
7V	108-90-7	CHLOROBEZENE				
11V	71-55-6	1,1,1-TRICHLOROETHANE	280	J 250	4400	J 560
14V	79-00-5	1,1,2-TRICHLOROETHANE		0.022		0.029
10V	75-34-3	1,1-DICHLOROETHANE	5	8.1	290	15
10V	107-06-2	1,2-DICHLOROETHANE				17
16V	75-00-3	CHLOROETHANE				
85V	127-18-4	TETRACHLOROETHENE				
87V	79-01-6	TRICHLOROETHENE	5	J 5.9	19	6.5
30V	156-60-5	TRANS-1,2-DICHLOROETHENE				8
29V	75-35-4	1,1-DICHLOROETHENE	8	J 4.1	41	3.2
88V	75-01-4	VINYL CHLORIDE				3
23V	67-66-3	CHLOROFORM				
44V	75-09-2	METHYLENE CHLORIDE				
45V	74-87-3	CHLOROMETHANE				
32V	78-87-5	1,2-DICHLOROPROPANE				
48V	75-27-4	BROMODICHLOROMETHANE				
51V	124-48-1	CHLORODIBROMOMETHANE				
	75-15-0	CARBON DISULFIDE				
19V	110-75-8	2-CHLOROETHYL VINYL ETHER				
		TRICHLOROFLUOROMETHANE				
	95-50-1	1,2-DICHLOROBEZENE				
	541-73-1	1,3-DICHLOROBEZENE				
	106-46-7	1,4-DICHLOROBEZENE		0.018		

001273

BYRON BARREL AND DRUM SITE - MONITORING WELLS

SAMPLE NUMBER:	BS-MW09B-3	BS-MW09B-4	BS-MW10B-3	BS-MW10B-4	BS-MW10B-4A	BS-MW11B-3	BS-MW11B-4
TRAFFIC REPORT NUMBER:	BX167	4341B-012	BX161	4341B-002	4341B-003	BX184	4341B-025
LOCATION:	SOURCE 1	SOURCE 1	TRAILER	TRAILER	TRAILER	MUCKLAND	MUCKLAND
ELEVATION (MSL):	629.59 FT	NA	628.59 FT	NA	NA	626.26 FT	NA
DESCRIPTION:	MW 9B	MW 9B	MW 10B	MW 10B	DUP MW10B-4	MW 11B	MW 11B
UNITS:	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L
DATE SAMPLED:	11/07/88	12/13/88	11/07/88	12/13/88	12/13/88	11/09/88	12/14/88

*** BASE/NEUTRALS ***

PP	CAS NO	COMPOUND
66B	117-81-7	BIS(2-ETHYLBHEXYL)PHTHALATE
26B	541-73-1	1,3-DICHLOROBENZENE
27B	106-46-7	1,4-DICHLOROBENZENE
62B	86-30-6	N-NITROSODIPHENYLAMINE

001274

BYRON BARREL AND DRUM SITE - MONITORING WELLS

SAMPLE NUMBER:	BS-MW09B-3	BS-MW09B-4	BS-MW10B-3	BS-MW10B-4	BS-MW10B-4A	BS-MW11B-3	BS-MW11B-4
TRAFFIC REPORT NUMBER:	BX167	4341B-012	BX161	4341B-002	4341B-003	BX184	4341B-025
LOCATION:	SOURCE 1	SOURCE 1	TRAILER	TRAILER	TRAILER	HUCKLAND	HUCKLAND
ELEVATION (MSL):	629.59 FT	NA	628.59 FT	NA	NA	626.26 FT	NA
DESCRIPTION:	MW 9B	MW 9B	MW 10B	MW 10B	DUP MW10B-4	MW 11B	MW 11B
UNITS:	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L
DATE SAMPLED:	11/07/88	12/13/88	11/07/88	12/13/88	12/13/88	11/09/88	12/14/88

*** ACIDS ***

PP	CAS NO	COMPOUND
NO PARAMETERS FOR THIS CATEGORY		

NO PARAMETERS FOR THIS CATEGORY

001275

BYRON BARREL AND DRUM SITE - MONITORING WELLS

SAMPLE NUMBER:	BS-MW09B-3	BS-MW09B-4	BS-MW10B-3	BS-MW10B-4	BS-MW10B-4A	BS-MW11B-3	BS-MW11B-4
TRAFFIC REPORT NUMBER:	BX167	4341B-012	BX161	4341B-002	4341B-003	BX184	4341B-025
LOCATION:	SOURCE 1	SOURCE 1	TRAILER	TRAILER	TRAILER	MUCKLAND	MUCKLAND
ELEVATION (MSL):	629.59 FT	NA	628.59 FT	NA	NA	626.26 FT	NA
DESCRIPTION:	MW 9B	MW 9B	MW 10B	MW 10B	DUP MW10B-4	MW 11B	MW 11B
UNITS:	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L
DATE SAMPLED:	11/07/88	12/13/88	11/07/88	12/13/88	12/13/88	11/09/88	12/14/88

*** PESTICIDES ***

PP	CAS NO	COMPOUND
NO PARAMETERS FOR THIS CATEGORY		

001276

BYRON BARREL AND DRUM SITE - MONITORING WELLS

SAMPLE NUMBER:	BS-MW09B-3	BS-MW09B-4	BS-MW10B-3	BS-MW10B-4	BS-MW10B-4A	BS-MW11B-3	BS-MW11B-4
TRAFFIC REPORT NUMBER:	MBT567	MBT819	MBT561	MBT813	MBT814	MBT584	MBT833
LOCATION:	SOURCE 1	SOURCE 1	TRAILER	TRAILER	TRAILER	MUCKLAND	MUCKLAND
ELEVATION (MSL):	629.59 FT	629.59 FT	628.59 FT	628.59 FT	628.59 FT	626.26 FT	626.26 FT
DESCRIPTION:	MW 9B	MW 9B	MW 10B	MW 10B	MW 10B	MW 11B	MW 11B
UNITS:	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L
DATE SAMPLED:	11/07/88	12/13/88	11/07/88	12/13/88	12/13/88	11/09/88	12/14/88

*** INORGANICS ***

FP	CAS NO	COMPOUND					
1		ALUMINUM	51800		39800	49200	26700
2		ANTIMONY					
3	J 4	ARSENIC		J 2		J 26	J 41.3
4	1370	BARIUM	862	1114	851	J 244	278
5	3	BERYLLIUM	4.2		5.5	4	2.4
6	24	CADMIUM		J 14	9.3	5.3	J 12
7	549000	CALCIUM	411000	J 547825	431000	527000	J 546000
8	81	CHROMIUM	125		91.6	109	35
9	65	COBALT	54.9	12	41.5	51	26
10	J 248	COPPER	J 336	J 31	J 319	J 388	J 103
11	26000	IRON	109000	5794	99500	123000	37800
12	J 200	LEAD	142	17	117	134	41
13	J 151000	MAGNESIUM	114000	J 42266	10900	134000	J 142000
14	8930	MANGANESE	3500	3911	2620	3150	J 2640
15	J 0.2	MERCURY		J 0.2			
16	109	NICKEL	94.4	39	106	130	71
17	J 3660	POTASSIUM	12300	J 2837	10400	12108	J 3790
19		SILVER	4.7		4.2	5.3	4.6
20	4540	SODIUM	4800	6762	7590	7990	12600
23	40	VANADIUM	106		79.3	96.4	34
24	J 1470	ZINC	1690	J 451	1620	2020	J 234

001277

BYRON BARREL AND DRUM SITE - MONITORING WELLS

SAMPLE NUMBER:	BS-MW09B-3	BS-MW09B-4	BS-MW10B-3	BS-MW10B-4	BS-MW10B-4A	BS-MW11B-3	BS-MW11B-4
TRAFFIC REPORT NUMBER:	NA	NA	NA	NA	NA	NA	NA
LOCATION:							
ELEVATION (MSL):							
DESCRIPTION:							
UNITS:							
DATE SAMPLED:	/ /	/ /	/ /	/ /	/ /	/ /	/ /

*** GEOCHEMICAL PARAMETERS ***

PP	CAS NO	COMPOUND

NO PARAMETERS FOR THIS CATEGORY

001278

BYRON BARREL AND DRUM SITE - MONITORING WELLS

SAMPLE NUMBER:	BS-MW11B-4A	BS-MW12B-3	BS-MW12B-4	BS-MW13B-3	BS-MW13B-4	BS-MW14B-3	BS-MW14B-4
TRAFFIC REPORT NUMBER:	4341B-026	BX182	4341B-023	BX185	4341B-024	BX183	4341B-020
LOCATION:	MUCKLAND	MUCKLAND	MUCKLAND	MUCKLAND	MUCKLAND	MUCKLAND	MUCKLAND
ELEVATION (MSL):	626.26 FT	626.82 FT	626.82 FT	623.78 FT	623.78 FT	625.07 FT	625.07 FT
DESCRIPTION:	DUP MW 11B	MW 12B	MW 12B	MW 13B	MW 13B	MW 14B	MW 14B
UNITS:	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L
DATE SAMPLED:	12/14/88	11/09/88	12/04/88	11/09/88	12/14/88	11/09/88	12/14/88

*** VOLATILES ***

PP	CAS NO	COMPOUND
	67-64-1	ACETONE
	78-93-3	2-BUTANONE
4V	71-43-2	BENZENE
86V	108-88-3	TOLUENE
	95-47-6	TOTAL XYLENES
7V	108-90-7	CHLOROBENZENE
11V	71-55-6	1,1,1-TRICHLOROETHANE
14V	79-00-5	1,1,2-TRICHLOROETHANE
10V	75-34-3	1,1-DICHLOROETHANE
10V	107-06-2	1,2-DICHLOROETHANE
16V	75-00-3	CHLOROETHANE
85V	127-18-4	TETRACHLOROETHENE
87V	79-01-6	TRICHLOROETHENE
30V	156-60-5	TRANS-1,2-DICHLOROETHENE
29V	75-35-4	1,1-DICHLOROETHENE
88V	75-01-4	VINYL CHLORIDE
23V	67-66-3	CHLOROFORM
44V	75-09-2	METHYLENE CHLORIDE
45V	74-87-3	CHLOROMETHANE
32V	78-87-5	1,2-DICHLOROPROPANE
48V	75-27-4	BROMODICHLOROMETHANE
51V	124-48-1	CHLORODIBROMOMETHANE
	75-15-0	CARBON DISULFIDE
19V	110-75-8	2-CHLOROETHYL VINYL ETHER
		TRICHLOROFLUOROMETHANE
	95-50-1	1,2-DICHLOROBENZENE
	541-73-1	1,3-DICHLOROBENZENE
	106-46-7	1,4-DICHLOROBENZENE

0.22

001279

BYRON BARREL AND DRUM SITE - MONITORING WELLS

SAMPLE NUMBER:	BS-MW11B-4A	BS-MW12B-3	BS-MW12B-4	BS-MW13B-3	BS-MW13B-4	BS-MW14B-3	BS-MW14B-4
TRAFFIC REPORT NUMBER:	4341B-026	BX182	4341B-023	BX185	4341B-024	BX183	4341B-020
LOCATION:	MUCKLAND	MUCKLAND	MUCKLAND	MUCKLAND	MUCKLAND	MUCKLAND	MUCKLAND
ELEVATION (MSL):	NA	626.82 FT	NA	623.78 FT	NA	625.07 FT	NA
DESCRIPTION:	DUP MW 11B	MW 12B	MW 12B	MW 13B	MW 13B	MW 14B	MW 14B
UNITS:	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L
DATE SAMPLED:	12/14/88	11/09/88	12/04/88	11/09/88	12/14/88	11/09/88	12/14/88

*** BASE/NEUTRALS ***

PP	CAS NO	COMPOUND
66B	117-81-7	BIS(2-ETHYLHEXYL)PHTHALATE
26B	541-73-1	1,3-DICHLOROBENZENE
27B	106-46-7	1,4-DICHLOROBENZENE
62B	86-30-6	N-NITROSODIPHENYLAMINE

001280

BYRON BARREL AND DRUM SITE - MONITORING WELLS

SAMPLE NUMBER:	BS-MW11B-4A	BS-MW12B-3	BS-MW12B-4	BS-MW13B-3	BS-MW13B-4	BS-MW14B-3	BS-MW14B-4
TRAFFIC REPORT NUMBER:	4341B-026	BX182	4341B-023	BX185	4341B-024	BX183	4341B-020
LOCATION:	MUCKLAND	MUCKLAND	MUCKLAND	MUCKLAND	MUCKLAND	MUCKLAND	MUCKLAND
ELEVATION (MSL):	NA	626.82 FT	NA	623.78 FT	NA	625.07 FT	NA
DESCRIPTION:	DUP MW 11B	MW 12B	MW 12B	MW 13B	MW 13B	MW 14B	MW 14B
UNITS:	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L
DATE SAMPLED:	12/14/88	11/09/88	12/04/88	11/09/88	12/14/88	11/09/88	12/14/88

*** ACIDS ***

PP	CAS NO	COMPOUND

NO PARAMETERS FOR THIS CATEGORY

001281

BYRON BARREL AND DRUM SITE - MONITORING WELLS

SAMPLE NUMBER:	BS-MW11B-4A	BS-MW12B-3	BS-MW12B-4	BS-MW13B-3	BS-MW13B-4	BS-MW14B-3	BS-MW14B-4
TRAFFIC REPORT NUMBER:	4341B-026	BX182	4341B-023	BX185	4341B-024	BX183	4341B-020
LOCATION:	MUCKLAND	MUCKLAND	MUCKLAND	MUCKLAND	MUCKLAND	MUCKLAND	MUCKLAND
ELEVATION (MSL):	NA	626.82 FT	NA	623.78 FT	NA	625.07 FT	NA
DESCRIPTION:	DUP MW 11B	MW 12B	MW 12B	MW 13B	MW 13B	MW 14B	MW 14B
UNITS:	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L
DATE SAMPLED:	12/14/88	11/09/88	12/04/88	11/09/88	12/14/88	11/09/88	12/14/88

*** PESTICIDES ***

PP	CAS NO	COMPOUND

NO PARAMETERS FOR THIS CATEGORY

001282

BYRON BARREL AND DRUM SITE - MONITORING WELLS

SAMPLE NUMBER:	BS-MW11B-4A	BS-MW12B-3	BS-MW12B-4	BS-MW13B-3	BS-MW13B-4	BS-MW14B-3	BS-MW14B-4
TRAFFIC REPORT NUMBER:	MBT834	MBT582	MBT831	MBT585	MBT832	MBT583	MBT830
LOCATION:	MUCKLAND	MUCKLAND	MUCKLAND	MUCKLAND	MUCKLAND	MUCKLAND	MUCKLAND
ELEVATION (MSL):	626.26 FT	626.82 FT	626.82 FT	623.78 FT	623.78 FT	624.07 FT	625.07 FT
DESCRIPTION:	DUP MW11B-4	MW 12B	MW 12B	MW 13B	MW 13B	MW 14B	MW 14B
UNITS:	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L
DATE SAMPLED:	12/14/88	11/09/88	12/14/88	11/09/88	12/14/88	11/09/88	12/14/88

*** INORGANICS ***

PP	CAS NO	COMPOUND					
1		ALUMINUM	14800		70300		13200
2		ANTIMONY					5630
3		ARSENIC	23.6	J 9		J 12	J 18
4		BARIUM	179	197	557	J 84	160
5		BERYLLIUM	1.8		4.6		1.6
6		CADMIUM		J 8		4	4
7		CALCIUM	474000	545000	718000	128000	184000
8		CHROMIUM	51	J 23	185	J 15	39.7
9		COBALT	11.9	14	60.1	8	12.7
10		COPPER	49.7	J 76	J 168	J 46	J 62.7
11		IRON	34800	23100	132000	10800	34900
12		LEAD	14.6	J 30	89.7	110	12
13		MAGNESIUM	181000	J 110000	218000	J 38200	61600
14		MANGANESE	1080	3300	3390	552	949
15		MERCURY		J 0.3			769
16		NICKEL	40.7	113	198	34	55
17		POTASSIUM	4920	J 3970	17800	J 4280	6570
19		SILVER					4.9
20		SODIUM	14500	5510	10000	25000	27100
23		VANADIUM	35	16	147	21	41.9
24		ZINC	115	J 147	417	J 86	117
							J 5540
							3430
							12
							J 62
							57.1
							6630
							3470
							15.9
							56.8

001283

BYRON BARREL AND DRUM SITE - MONITORING WELLS

SAMPLE NUMBER:	BS-MW11B-4A	BS-MW12B-3	BS-MW12B-4	BS-MW13B-3	BS-MW13B-4	BS-MW14B-3	BS-MW14B-4
TRAFFIC REPORT NUMBER:	NA	NA	NA	NA	NA	NA	NA
LOCATION:							
ELEVATION (MSL):							
DESCRIPTION:							
UNITS:							
DATE SAMPLED:	/ /	/ /	/ /	/ /	/ /	/ /	/ /

*** GEOCHEMICAL PARAMETERS ***

PP	CAS NO	COMPOUND

NO PARAMETERS FOR THIS CATEGORY

001284

BYRON BARREL AND DRUM SITE - MONITORING WELLS

SAMPLE NUMBER:
 TRAFFIC REPORT NUMBER:
 LOCATION:
 ELEVATION (MSL):
 DESCRIPTION:
 UNITS:
 DATE SAMPLED:

*** VOLATILES ***

PP	CAS NO	COMPOUND
	67-64-1	ACETONE
	78-93-3	2-BUTANONE
4V	71-43-2	BENZENE
86V	108-88-3	TOLUENE
	95-47-6	TOTAL XYLENES
7V	108-90-7	CHLOROBENZENE
11V	71-55-6	1,1,1-TRICHLOROETHANE
14V	79-00-5	1,1,2-TRICHLOROETHANE
10V	75-34-3	1,1-DICHLOROETHANE
10V	107-06-2	1,2-DICHLOROETHANE
16V	75-00-3	CHLOROETHANE
85V	127-18-4	TETRACHLOROETHENE
87V	79-01-6	TRICHLOROETHENE
30V	156-60-5	TRANS-1,2-DICHLOROETHENE
29V	75-35-4	1,1-DICHLOROETHENE
88V	75-01-4	VINYL CHLORIDE
23V	67-66-3	CHLOROFORM
44V	75-09-2	METHYLENE CHLORIDE
45V	74-87-3	CHLOROMETHANE
32V	78-87-5	1,2-DICHLOROPROPANE
48V	75-27-4	BROMODICHLOROMETHANE
51V	124-48-1	CHLORODIBROMOMETHANE
	75-15-0	CARBON DISULFIDE
19V	110-75-8	2-CHLOROETHYL VINYL ETHER
		TRICHLOROFLUOROMETHANE
	95-50-1	1,2-DICHLOROBENZENE
	541-73-1	1,3-DICHLOROBENZENE
	106-46-7	1,4-DICHLOROBENZENE

001285

BYRON BARREL AND DRUM SITE - MONITORING WELLS

SAMPLE NUMBER:
TRAFFIC REPORT NUMBER:
LOCATION:
ELEVATION (MSL):
DESCRIPTION:
UNITS:
DATE SAMPLED:

*** BASE/NEUTRALS ***

PP	CAS NO.	COMPOUND
66B	117-81-7	BIS(2-ETHYLHEXYL)PHTHALATE
26B	541-73-1	1,3-DICHLOROBENZENE
27B	106-46-7	1,4-DICHLOROBENZENE
62B	86-30-6	N-NITROSODIPHENYLAMINE

001586

BYRON BARREL AND DRUM SITE - MONITORING WELLS

SAMPLE NUMBER:
TRAFFIC REPORT NUMBER:
LOCATION:
ELEVATION (MSL):
DESCRIPTION:
UNITS:
DATE SAMPLED:

*** ACIDS ***

PP	CAS NO	COMPOUND

NO PARAMETERS FOR THIS CATEGORY

001287

BYRON BARREL AND DRUM SITE - MONITORING WELLS

SAMPLE NUMBER:
TRAFFIC REPORT NUMBER:
LOCATION:
ELEVATION (MSL):
DESCRIPTION:
UNITS:
DATE SAMPLED:

*** PESTICIDES ***

PP	CAS NO	COMPOUND

NO PARAMETERS FOR THIS CATEGORY

001288

BYRON BARREL AND DRUM SITE - MONITORING WELLS

SAMPLE NUMBER:
TRAFFIC REPORT NUMBER:
LOCATION:
ELEVATION (MSL):
DESCRIPTION:
UNITS:
DATE SAMPLED:

*** INORGANICS ***

PP	CAS NO	COMPOUND
1		ALUMINUM
2		ANTIMONY
3		ARSENIC
4		BARIUM
5		BERYLLIUM
6		CADMIUM
7		CALCIUM
8		CHROMIUM
9		COBALT
10		COPPER
11		IRON
12		LEAD
13		MAGNESIUM
14		MANGANESE
15		MERCURY
16		NICKEL
17		POTASSIUM
19		SILVER
20		SODIUM
23		VANADIUM
24		ZINC

001289

BYRON BARREL AND DRUM SITE - MONITORING WELLS

SAMPLE NUMBER:
TRAFFIC REPORT NUMBER:
LOCATION:
ELEVATION (MSL):
DESCRIPTION:
UNITS:
DATE SAMPLED:

*** GEOCHEMICAL PARAMETERS ***

PP	CAS NO	COMPOUND

NO PARAMETERS FOR THIS CATEGORY

001290

Surface Water Results

000000

001291

BYRON BARREL & DRUM - SURFACE WATERS

SAMPLE NUMBER:	BS-SW000-2T	BS-SW001-1	BS-SW001-1A	BS-SW001-2	BS-SW002-1	BS-SW002-2	BS-SW004-2
TRAFFIC REPORT NUMBER:	BX141	BT859	BT857	BX194	BT858	BX196	BX143
SAMPLING POINT:		STATION 1	STATION 1	STATION 1	STATION 2	STATION 2	STATION 15
LOCATION:		DITCH 1	DITCH 1	DITCH 1	DITCH 1	DITCH 1	OAK ORCHARD
DESCRIPTION:	TRIP BLANK	DWST SITE	DUP SW001	DWST SITE	ADJ SOURCE 1	ADJ SOURCE 1	DWST DITCH 2
UNITS:	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L
DATE SAMPLED:	11/15/88	07/07/88	07/07/88	11/15/88	07/07/88	11/15/88	11/15/88

*** VOLATILES ***

PP	CAS NO	COMPOUND
	67-64-1	ACETONE
	108-10-1	4-METHYL-2-PENTANONE
86V	108-88-3	TOLUENE
11V	71-55-6	1,1,1-TRICHLOROETHANE
10V	75-34-3	1,1-DICHLOROETHANE
30V	156-60-5	TRANS-1,2-DICHLOROETHENE
45V	74-87-3	CHLOROMETHANE
	75-15-0	CARBON DISULFIDE

J 9

J 3

9

7

11

30

2

39

13

J 4

001292

BYRON BARREL & DRUM - SURFACE WATERS

SAMPLE NUMBER:	BS-SW000-27	BS-SW001-1	BS-SW001-1A	BS-SW001-2	BS-SW002-1	BS-SW002-2	BS-SW004-2
TRAFFIC REPORT NUMBER:	BX141	BT859	BT857	BX194	BT858	BX196	BX143
SAMPLING POINT:		STATION 1	STATION 1	STATION 1	STATION 2	STATION 2	STATION 15
LOCATION:	NA	DITCH 1	DITCH 1	NA	DITCH 1	NA	NA
DESCRIPTION:	TRIP BLANK	DWST SITE	DUP SW001	DWST SITE	ADJ SOURCE 1	ADJ SOURCE 1	DWST DITCH 2
UNITS:	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L
DATE SAMPLED:	11/15/88	07/07/88	07/07/88	11/15/88	07/07/88	11/15/88	11/15/88

*** BASE/NEUTRALS ***

PP	CAS NO	COMPOUND
69B	117-84-0	DI-N-OCTYL PHTHALATE

J 3

J 4

001293

BYRON BARREL & DRUM - SURFACE WATERS

SAMPLE NUMBER:	BS-SW000-2T	BS-SW001-1	BS-SW001-1A	BS-SW001-2	BS-SW002-1	BS-SW002-2	BS-SW004-2
TRAFFIC REPORT NUMBER:	BX141	BT859	BT857	BX194	BT858	BX196	BX143
SAMPLING POINT:		STATION 1	STATION 1	STATION 1	STATION 2	STATION 2	STATION 15
LOCATION:	NA	DITCH 1	DITCH 1	NA	DITCH 1	NA	NA
DESCRIPTION:	TRIP BLANK	DWST SITE	DUP SW001	DWST SITE	ADJ SOURCE 1	ADJ SOURCE 1	DWST DITCH 2
UNITS:	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L
DATE SAMPLED:	11/15/88	07/07/88	07/07/88	11/15/88	07/07/88	11/15/88	11/15/88

*** ACIDS ***

PP	CAS NO	COMPOUND
65A	108-95-2	PHENOL
	106-44-5	4-METHYLPHENOL

J 8

24

13
62

001294

BYRON BARREL & DRUM - SURFACE WATERS

SAMPLE NUMBER:	BS-SW000-2T	BS-SW001-1	BS-SW001-1A	BS-SW001-2	BS-SW002-1	BS-SW002-2	BS-SW004-2
TRAFFIC REPORT NUMBER:	BX141	BT859	BT857	BX194	BT858	BX196	BX143
SAMPLING POINT:		STATION 1	STATION 1	STATION 1	STATION 2	STATION 2	STATION 15
LOCATION:	NA	DITCH 1	DITCH 1	NA	DITCH 1	NA	NA
DESCRIPTION:	TRIP BLANK	DWST SITE	DUP SW001	DWST SITE	ADJ SOURCE 1	ADJ SOURCE 1	DWST DITCH 2
UNITS:	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L
DATE SAMPLED:	11/15/88	07/07/88	07/07/88	11/15/88	07/07/88	11/15/88	11/15/88

*** PESTICIDES ***

PP	CAS NO	COMPOUND

NO PARAMETERS FOR THIS CATEGORY

004295

BYRON BARREL & DRUM - SURFACE WATERS

SAMPLE NUMBER:	BS-SW000-21	BS-SW001-1	BS-SW001-1A	BS-SW001-2	BS-SW002-1	BS-SW002-2	BS-SW004-2
TRAFFIC REPORT NUMBER:		MBN395	MBM151		MBN394		
SAMPLING POINT:		STATION 1	STATION 1		STATION 2		
LOCATION:		DITCH 1	DITCH 1		DITCH 1		NA
DESCRIPTION:		DWST SITE	DUP SW001-1		ADJ SOURCE 1		
UNITS:		UG/L	UG/L		UG/L		
DATE SAMPLED:	/ /	07/07/88	07/07/88	/ /	07/07/88	/ /	/ /

*** INORGANICS ***

PP	CAS NO	COMPOUND
1		ALUMINUM
3		ARSENIC
4		BARIUM
7		CALCIUM
9		COBALT
10		COPPER
11		IRON
12		LEAD
13		MAGNESIUM
14		MANGANESE
16		NICKEL
17		POTASSIUM
20		SODIUM
23		VANADIUM
24		ZINC

		4820.0
9.8	23.4	31.9
		818.0
98600.0	156000.0	397000.0
	[16.0]	1540.0
		97.0
		29100.0
		28.2
28500.0	36900.0	41600.0
899.0	1460.0	677.0
		[17.0]
	[3190.0]	[3950.0]
[4750.0]	5220.0	[3080.0]
[23.0]	[38.0]	51.0
		391.0

001296

BYRON BARREL & DRUM - SURFACE WATERS

SAMPLE NUMBER:	BS-SW000-2T	BS-SW001-1	BS-SW001-1A	BS-SW001-2	BS-SW002-1	BS-SW002-2	BS-SW004-2
TRAFFIC REPORT NUMBER:							
SAMPLING POINT:							
LOCATION:							NA
DESCRIPTION:							
UNITS:							
DATE SAMPLED:	/ /	/ /	/ /	/ /	/ /	/ /	/ /

*** GEOCHEMICAL PARAMETERS ***

PP	CAS NO	COMPOUND

NO PARAMETERS FOR THIS CATEGORY

001297
162700

BYRON BARREL & DRUM - SURFACE WATERS

SAMPLE NUMBER:	BS-SW005-2	BS-SW006-2	BS-SW007-2	BS-SW008-2	BS-SW009-2	BS-SW010-2	BS-SW011-2
TRAFFIC REPORT NUMBER:	BX145	BX147	BX149	BX151	BX153	BX155	BX157
SAMPLING POINT:	STATION 5	STATION 6	STATION 7	STATION 8	STATION 9	STATION 10	STATION 11
LOCATION:	OAK ORCHARD	DITCH 2	DITCH 2	DITCH 2	DITCH 2	DITCH 2	OAK ORCHARD
DESCRIPTION:	UPST DITCH 2						DWST DITCH 1
UNITS:	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L
DATE SAMPLED:	11/15/88	11/15/88	11/15/88	11/15/88	11/15/88	11/15/88	11/15/88

*** VOLATILES ***

PP	CAS NO	COMPOUND
	67-64-1	ACETONE
	108-10-1	4-METHYL-2-PENTANONE
86V	108-88-3	TOLUENE
11V	71-55-6	1,1,1-TRICHLOROETHANE
10V	75-34-3	1,1-DICHLOROETHANE
30V	156-60-5	TRANS-1,2-DICHLOROETHENE
45V	74-87-3	CHLOROMETHANE
	75-15-0	CARBON DISULFIDE

J 9

001298

BYRON BARREL & DRUM - SURFACE WATERS

SAMPLE NUMBER:
 TRAFFIC REPORT NUMBER:
 SAMPLING POINT:
 LOCATION:
 DESCRIPTION:
 UNITS:
 DATE SAMPLED:

BS-SW005-2	BS-SW006-2	BS-SW007-2	BS-SW008-2	BS-SW009-2	BS-SW010-2	BS-SW011-2
BX145	BX147	BX149	BX151	BX153	BX155	BX157
STATION 5	STATION 6	STATION 7	STATION 8	STATION 9	STATION 10	STATION 11
NA	NA	NA	NA	NA	NA	NA
UPST DITCH 2						DWST DITCH 1
UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L
11/15/88	11/15/88	11/15/88	11/15/88	11/15/88	11/15/88	11/15/88

*** BASE/NEUTRALS ***

PP	CAS NO	COMPOUND
69B	117-84-0	DI-N-OCTYL PHTHALATE

69B 117-84-0 DI-N-OCTYL PHTHALATE

001299

BYRON BARREL & DRUM - SURFACE WATERS

SAMPLE NUMBER:	BS-SW005-2	BS-SW006-2	BS-SW007-2	BS-SW008-2	BS-SW009-2	BS-SW010-2	BS-SW011-2
TRAFFIC REPORT NUMBER:	BX145	BX147	BX149	BX151	BX153	BX155	BX157
SAMPLING POINT:	STATION 5	STATION 6	STATION 7	STATION 8	STATION 9	STATION 10	STATION 11
LOCATION:	NA	NA	NA	NA	NA	NA	NA
DESCRIPTION:	UPST DITCH 2						DWST DITCH 1
UNITS:	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L
DATE SAMPLED:	11/15/88	11/15/88	11/15/88	11/15/88	11/15/88	11/15/88	11/15/88

*** ACIDS ***

PP	CAS NO	COMPOUND
65A	108-95-2	PHENOL
	106-44-5	4-METHYLPHENOL

001300

BYRON BARREL & DRUM - SURFACE WATERS

SAMPLE NUMBER:	BS-SW005-2	BS-SW006-2	BS-SW007-2	BS-SW008-2	BS-SW009-2	BS-SW010-2	BS-SW011-2
TRAFFIC REPORT NUMBER:	BX145	BX147	BX149	BX151	BX153	BX155	BX157
SAMPLING POINT:	STATION 5	STATION 6	STATION 7	STATION 8	STATION 9	STATION 10	STATION 11
LOCATION:	NA	NA	NA	NA	NA	NA	NA
DESCRIPTION:	UPST DITCH 2						DWST DITCH 1
UNITS:	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L
DATE SAMPLED:	11/15/88	11/15/88	11/15/88	11/15/88	11/15/88	11/15/88	11/15/88

*** PESTICIDES ***

PP	CAS NO	COMPOUND

NO PARAMETERS FOR THIS CATEGORY

001301

BYRON BARREL & DRUM - SURFACE WATERS

SAMPLE NUMBER:
TRAFFIC REPORT NUMBER:
SAMPLING POINT:
LOCATION:
DESCRIPTION:
UNITS:
DATE SAMPLED:

BS-SW005-2 BS-SW006-2 BS-SW007-2 BS-SW008-2 BS-SW009-2 BS-SW010-2 BS-SW011-2

/ / / / / / / / / / / / / /

*** INORGANICS ***

PP	CAS NO	COMPOUND
1		ALUMINUM
3		ARSENIC
4		BARIUM
7		CALCIUM
9		COBALT
10		COPPER
11		IRON
12		LEAD
13		MAGNESIUM
14		MANGANESE
16		NICKEL
17		POTASSIUM
20		SODIUM
23		VANADIUM
24		ZINC

001302

BYRON BARREL & DRUM - SURFACE WATERS

SAMPLE NUMBER:
TRAFFIC REPORT NUMBER:
SAMPLING POINT:
LOCATION:
DESCRIPTION:
UNITS:
DATE SAMPLED:

BS-SW005-2 BS-SW006-2 BS-SW007-2 BS-SW008-2 BS-SW009-2 BS-SW010-2 BS-SW011-2

/ / / / / / / / / / / / / /

*** GEOCHEMICAL PARAMETERS ***

PP CAS NO COMPOUND

NO PARAMETERS FOR THIS CATEGORY

001303

BYRON BARREL & DRUM - SURFACE WATERS

SAMPLE NUMBER:	BS-SW012-2	BS-SW012-2A	BS-SW013-2	BS-SW014-2
TRAFFIC REPORT NUMBER:	BX186	BX188	BX190	BX192
SAMPLING POINT:	STATION 12	STATION 12	STATION 13	STATION 14
LOCATION:	OAK ORCHARD	OAK ORCHARD	DITCH 1	DITCH 1
DESCRIPTION:	UPST DITCH 1	DUP SW012-2		
UNITS:	UG/L	UG/L	UG/L	UG/L
DATE SAMPLED:	11/15/88	11/15/88	11/15/88	11/15/88

*** VOLATILES ***

PP	CAS NO	COMPOUND
	67-64-1	ACETONE
	108-10-1	4-METHYL-2-PENTANONE
86V	108-88-3	TOLUENE
11V	71-55-6	1,1,1-TRICHLOROETHANE
10V	75-34-3	1,1-DICHLOROETHANE
30V	156-60-5	TRANS-1,2-DICHLOROETHENE
45V	74-87-3	CHLOROMETHANE
	75-15-0	CARBON DISULFIDE

J 1

14

001304

BYRON BARREL & DRUM - SURFACE WATERS

SAMPLE NUMBER:
TRAFFIC REPORT NUMBER:
SAMPLING POINT:
LOCATION:
DESCRIPTION:
UNITS:
DATE SAMPLED:

BS-SW012-2	BS-SW012-2A	BS-SW013-2	BS-SW014-2
BX186	BX188	BX190	BX192
STATION 12	STATION 12	STATION 13	STATION 14
NA	NA	NA	NA
UPST DITCH 1	DUP SW012-2		
UG/L	UG/L	UG/L	UG/L
11/15/88	11/15/88	11/15/88	11/15/88

*** BASE/NEUTRALS ***

PP	CAS NO	COMPOUND

69B	117-84-0	DI-N-OCTYL PHTHALATE

001305

BYRON BARREL & DRUM - SURFACE WATERS

SAMPLE NUMBER:	BS-SW012-2	BS-SW012-2A	BS-SW013-2	BS-SW014-2
TRAFFIC REPORT NUMBER:	BX186	BX188	BX190	BX192
SAMPLING POINT:	STATION 12	STATION 12	STATION 13	STATION 14
LOCATION:	NA	NA	NA	NA
DESCRIPTION:	UPST DITCH 1	DUP SW012-2		
UNITS:	UG/L	UG/L	UG/L	UG/L
DATE SAMPLED:	11/15/88	11/15/88	11/15/88	11/15/88

*** ACIDS ***

PP	CAS NO	COMPOUND
65A	108-95-2	PHENOL
	106-44-5	4-METHYLPHENOL

001306

BYRON BARREL & DRUM - SURFACE WATERS

SAMPLE NUMBER:
TRAFFIC REPORT NUMBER:
SAMPLING POINT:
LOCATION:
DESCRIPTION:
UNITS:
DATE SAMPLED:

BS-SW012-2	BS-SW012-2A	BS-SW013-2	BS-SW014-2
BX186	BX188	BX190	BX192
STATION 12	STATION 12	STATION 13	STATION 14
NA	NA	NA	NA
UPST DITCH 1	DUP SW012-2		
UG/L	UG/L	UG/L	UG/L
11/15/88	11/15/88	11/15/88	11/15/88

*** PESTICIDES ***

PP	CAS NO	COMPOUND

NO PARAMETERS FOR THIS CATEGORY

0000000000

BYRON BARREL & DRUM - SURFACE WATERS

SAMPLE NUMBER:
TRAFFIC REPORT NUMBER:
SAMPLING POINT:
LOCATION:
DESCRIPTION:
UNITS:
DATE SAMPLED:

BS-SW012-2 BS-SW012-2A BS-SW013-2 BS-SW014-2

/ / / / / / / /

*** INORGANICS ***

PP CAS NO COMPOUND

1		ALUMINUM
3		ARSENIC
4		BARIUM
7		CALCIUM
9		COBALT
10		COPPER
11		IRON
12		LEAD
13		MAGNESIUM
14		MANGANESE
16		NICKEL
17		POTASSIUM
20		SODIUM
23		VANADIUM
24		ZINC

001308

BYRON BARREL & DRUM - SURFACE WATERS

SAMPLE NUMBER:
TRAFFIC REPORT NUMBER:
SAMPLING POINT:
LOCATION:
DESCRIPTION:
UNITS:
DATE SAMPLED:

BS-SW012-2 BS-SW012-2A BS-SW013-2 BS-SW014-2

/ / / / / / / /

*** GEOCHEMICAL PARAMETERS ***

PP CAS NO COMPOUND

NO PARAMETERS FOR THIS CATEGORY

001309

Sediment Results

001310

001310

BYRON BARREL & DRUM - SEDIMENTS

SAMPLE NUMBER:
TRAFFIC REPORT NUMBER:
SAMPLING POINT:
LOCATION:
DESCRIPTION:
UNITS:
DATE SAMPLED:

BS-SD000-1B BT863	BS-SD000-1F BT864	BS-SD000-1T BT855	BS-SD000-2B BX199	BS-SD000-2F BX200	BS-SD000-2T BX142	BS-SD001-1 BT860
BOTTLE BLANK UG/L	FIELD BLANK UG/L	TRIP BLANK UG/L	BOTTLE BLANK UG/L	FIELD BLANK UG/L	TRIP BLANK UG/L	STATION 1 DITCH 1 DWST SITE UG/KG
07/08/88	07/08/88	07/07/88	11/15/88	11/15/88	11/15/88	07/07/88

*** VOLATILES ***

PP CAS NO COMPOUND

PP	CAS NO	COMPOUND	BS-SD000-1B	BS-SD000-1F	BS-SD000-1T	BS-SD000-2B	BS-SD000-2F	BS-SD000-2T	BS-SD001-1
	67-64-1	ACETONE	B 19	B 14	B 13		J 6	11	J 250
	78-93-3	2-BUTANONE							34
	108-10-1	4-METHYL-2-PENTANONE							
86V	108-88-3	TOLUENE				J 1	J 0.5		
38V	100-41-4	ETHYLBENZENE				J 0.8			
	100-42-5	STYRENE				J 0.6			
7V	108-90-7	CHLOROBENZENE				J 0.1			
11V	71-55-6	1,1,1-TRICHLOROETHANE				J 0.7			
10V	75-34-3	1,1-DICHLOROETHANE							
10V	107-06-2	1,2-DICHLOROETHANE					J 2		
85V	127-18-4	TETRACHLOROETHENE				J 0.8			
87V	79-01-6	TRICHLOROETHENE				J 0.7			
88V	75-01-4	VINYL CHLORIDE				J 1			
6V	56-23-5	CARBON TETRACHLORIDE				J 0.5			
23V	67-66-3	CHLOROFORM				J 0.5			
44V	75-09-2	METHYLENE CHLORIDE	B 5		B 6	J 2		J 2	
45V	74-87-3	CHLOROMETHANE						J 2	
48V	75-27-4	BROMODICHLOROMETHANE				J 0.5			

001311

BYRON BARREL & DRUM - SEDIMENTS

SAMPLE NUMBER:	BS-SD000-1B	BS-SD000-1F	BS-SD000-1T	BS-SD000-2B	BS-SD000-2F	BS-SD000-2T	BS-SD001-1
TRAFFIC REPORT NUMBER:	BT863	BT864	BT855	BX199	BX200	BX142	BT860
SAMPLING POINT:							STATION 1
LOCATION:							DITCH 1
DESCRIPTION:	BOTTLE BLANK	FIELD BLANK	TRIP BLANK	NA	NA	NA	DWST SITE
UNITS:	UG/L	UG/L	UG/L	BOTTLE BLANK	FIELD BLANK	TRIP BLANK	UG/KG
DATE SAMPLED:	07/08/88	07/08/88	07/07/88	11/15/88	11/15/88	11/15/88	07/07/88

*** BASE/NEUTRALS ***

PP	CAS NO	COMPOUND

NO PARAMETERS FOR THIS CATEGORY

001312

BYRON BARREL & DRUM - SEDIMENTS

SAMPLE NUMBER:
 TRAFFIC REPORT NUMBER:
 SAMPLING POINT:
 LOCATION:
 DESCRIPTION:
 UNITS:
 DATE SAMPLED:

BS-SD000-1B	BS-SD000-1F	BS-SD000-1T	BS-SD000-2B	BS-SD000-2F	BS-SD000-2T	BS-SD001-1
BT863	BT864	BT855	BX199	BX200	BX142	BT860
			NA	NA	NA	STATION 1
BOTTLE BLANK	FIELD BLANK	TRIP BLANK	BOTTLE BLANK	FIELD BLANK	TRIP BLANK	DITCH 1
UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	DWST SITE
07/08/88	07/08/88	07/07/88	11/15/88	11/15/88	11/15/88	UG/KG
						07/07/88

*** ACIDS ***

PP	CAS NO	COMPOUND

NO PARAMETERS FOR THIS CATEGORY

001313

BYRON BARREL & DRUM - SEDIMENTS

SAMPLE NUMBER:	BS-S0000-1B	BS-S0000-1F	BS-S0000-1T	BS-S0000-2B	BS-S0000-2F	BS-S0000-2T	BS-S0001-1
TRAFFIC REPORT NUMBER:	BT863	BT864	BT855	BX199	BX200	BX142	BT860
SAMPLING POINT:							STATION 1
LOCATION:				NA	NA	NA	DITCH 1
DESCRIPTION:	BOTTLE BLANK	FIELD BLANK	TRIP BLANK	BOTTLE BLANK	FIELD BLANK	TRIP BLANK	DWST SITE
UNITS:	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/KG
DATE SAMPLED:	07/08/88	07/08/88	07/07/88	11/15/88	11/15/88	11/15/88	07/07/88

*** PESTICIDES ***

PP	CAS NO	COMPOUND
92P	50-29-3	4,4'-DDT
	72-54-8	4,4'-DDD
98P	72-20-8	ENDRIN
97P	1031-07-8	ENDOSUFAN SULFATE
90P	60-57-1	DIELDRIN

001314

BYRON BARREL & DRUM - SEDIMENTS

SAMPLE NUMBER:	BS-SD000-1B	BS-SD000-1F	BS-SD000-1T	BS-SD000-2B	BS-SD000-2F	BS-SD000-2T	BS-SD001-1
TRAFFIC REPORT NUMBER:	MBN399	MBN400					MBN396
SAMPLING POINT:							STATION 1
LOCATION:							DITCH 1
DESCRIPTION:	BOTTLE BLANK	FIELD BLANK					DWST SITE
UNITS:	UG/L	UG/L					MG/KG
DATE SAMPLED:	07/08/88	07/08/88	/ /	/ /	/ /	/ /	07/07/88

*** INORGANICS ***

PP	CAS NO	COMPOUND			
1		ALUMINUM			J 1410.0
3		ARSENIC			2.3
4		BARIUM			[43.5]
5		BERYLLIUM			
7		CALCIUM	[1020.0]		31742.0
8		CHROMIUM			J 4.5
10		COPPER	[14.0]	[15.0]	15.8
11		IRON	[61.0]	[94.0]	3180.0
12		LEAD	1.4	2.0	5.3
13		MAGNESIUM			7323.0
14		MANGANESE	[13.0]	[7.0]	133.2
16		NICKEL			
17		POTASSIUM			
18		SELENIUM			
23		VANADIUM	[19.0]	[20.0]	[4.5]
24		ZINC			J 75.2

001375

BYRON BARREL & DRUM - SEDIMENTS

SAMPLE NUMBER:
TRAFFIC REPORT NUMBER:
SAMPLING POINT:
LOCATION:
DESCRIPTION:
UNITS:
DATE SAMPLED:

BS-SD000-1B BS-SD000-1F BS-SD000-1T BS-SD000-2B BS-SD000-2F BS-SD000-2T BS-SD001-1

/ / / / / / / / / / / / / /

*** GEOCHEMICAL PARAMETERS ***

PP CAS NO COMPOUND

NO PARAMETERS FOR THIS CATEGORY

001316

BYRON BARREL & DRUM - SEDIMENTS

SAMPLE NUMBER:
 TRAFFIC REPORT NUMBER:
 SAMPLING POINT:
 LOCATION:
 DESCRIPTION:
 UNITS:
 DATE SAMPLED:

BS-SD001-1A	BS-SD001-2	BS-SD002-1	BS-SD002-2	BS-SD003-1	BS-SD003-2	BS-SD004-1
BT856	BX195	BT854	BX197	BT861	BX198	BT862
STATION 1	STATION 1	STATION 2	STATION 2	STATION 3	STATION 3	STATION 4
DITCH 1	DITCH 1	DITCH 1	DITCH 1	DITCH 1	DITCH 1	DITCH 1
DUP SD001-1	DWST SITE	ADJ SOURCE 1	ADJ SOURCE 1	ADJ SOURCE 2	ADJ SOURCE 2	UPST SITE
UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
07/07/88	11/15/88	07/07/88	11/15/88	07/07/88	11/15/88	07/07/88

*** VOLATILES ***

PP	CAS NO	COMPOUND
	67-64-1	ACETONE
	78-93-3	2-BUTANONE
	108-10-1	4-METHYL-2-PENTANONE
86V	108-88-3	TOLUENE
38V	100-41-4	ETHYLBENZENE
	100-42-5	STYRENE
7V	108-90-7	CHLOROBENZENE
11V	71-55-6	1,1,1-TRICHLOROETHANE
10V	75-34-3	1,1-DICHLOROETHANE
10V	107-06-2	1,2-DICHLOROETHANE
85V	127-18-4	TETRACHLOROETHENE
87V	79-01-6	TRICHLOROETHENE
88V	75-01-4	VINYL CHLORIDE
6V	56-23-5	CARBON TETRACHLORIDE
23V	67-66-3	CHLOROFORM
44V	75-09-2	METHYLENE CHLORIDE
45V	74-87-3	CHLOROMETHANE
48V	75-27-4	BROMODICHLOROMETHANE

J 0.7

J 2

J 0.7

13

7

32
19

001317

BYRON BARREL & DRUM - SEDIMENTS

SAMPLE NUMBER:	BS-SD001-1A	BS-SD001-2	BS-SD002-1	BS-SD002-2	BS-SD003-1	BS-SD003-2	BS-SD004-1
TRAFFIC REPORT NUMBER:	BT856	BX195	BT854	BX197	BT861	BX198	BT862
SAMPLING POINT:	STATION 1	STATION 1	STATION 2	STATION 2	STATION 3	STATION 3	STATION 4
LOCATION:	DITCH 1	NA	DITCH 1	NA	DITCH 1	NA	DITCH 1
DESCRIPTION:	DUP SD001-1	DWST SITE	ADJ SOURCE 1	ADJ SOURCE 1	ADJ SOURCE 2	ADJ SOURCE 2	UPST SITE
UNITS:	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
DATE SAMPLED:	07/07/88	11/15/88	07/07/88	11/15/88	07/07/88	11/15/88	07/07/88

*** BASE/NEUTRALS ***

PP	CAS NO	COMPOUND

NO PARAMETERS FOR THIS CATEGORY

001318

BYRON BARREL & DRUM - SEDIMENTS

SAMPLE NUMBER:
 TRAFFIC REPORT NUMBER:
 SAMPLING POINT:
 LOCATION:
 DESCRIPTION:
 UNITS:
 DATE SAMPLED:

BS-SD001-1A	BS-SD001-2	BS-SD002-1	BS-SD002-2	BS-SD003-1	BS-SD003-2	BS-SD004-1
BT856	BX195	BT854	BX197	BT861	BX198	BT862
STATION 1	STATION 1	STATION 2	STATION 2	STATION 3	STATION 3	STATION 4
DITCH 1	NA	DITCH 1	NA	DITCH 1	NA	DITCH 1
DUP SD001-1	DWST SITE	ADJ SOURCE 1	ADJ SOURCE 1	ADJ SOURCE 2	ADJ SOURCE 2	UPST SITE
UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
07/07/88	11/15/88	07/07/88	11/15/88	07/07/88	11/15/88	07/07/88

*** ACIDS ***

PP	CAS NO	COMPOUND

NO PARAMETERS FOR THIS CATEGORY

001319

BYRON BARREL & DRUM - SEDIMENTS

SAMPLE NUMBER:
TRAFFIC REPORT NUMBER:
SAMPLING POINT:
LOCATION:
DESCRIPTION:
UNITS:
DATE SAMPLED:

BS-SD001-1A	BS-SD001-2	BS-SD002-1	BS-SD002-2	BS-SD003-1	BS-SD003-2	BS-SD004-1
BT856	BX195	BT854	BX197	BT861	BX198	BT862
STATION 1	STATION 1	STATION 2	STATION 2	STATION 3	STATION 3	STATION 4
DITCH 1	NA	DITCH 1	NA	DITCH 1	NA	DITCH 1
DUP SD001-1	DWST SITE	ADJ SOURCE 1	ADJ SOURCE 1	ADJ SOURCE 2	ADJ SOURCE 2	UPST SITE
UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
07/07/88	11/15/88	07/07/88	11/15/88	07/07/88	11/15/88	07/07/88

*** PESTICIDES ***

PP	CAS NO	COMPOUND
92P	50-29-3	4,4'-DDT
	72-54-8	4,4'-DDD
98P	72-20-8	ENDRIN
97P	1031-07-8	ENDOSUFAM SULFATE
90P	60-57-1	DIELDRIN

28	1000
19	220
	110
	84
	530

34

130

001320

BYRON BARREL & DRUM - SEDIMENTS

SAMPLE NUMBER:	BS-SD001-1A	BS-SD001-2	BS-SD002-1	BS-SD002-2	BS-SD003-1	BS-SD003-2	BS-SD004-1
TRAFFIC REPORT NUMBER:	MBM150		MBM149		MBN397		MBN398
SAMPLING POINT:	STATION 1		STATION 2		STATION 3		STATION 4
LOCATION:	DITCH 1		DITCH 1		DITCH 1		DITCH 1
DESCRIPTION:	DUP SD001-1		ADJ SOURCE 1		ADJ SOURCE 2		UPST SITE
UNITS:	MG/KG		MG/KG		MG/KG		MG/KG
DATE SAMPLED:	07/07/88	/ /	07/07/88	/ /	07/07/88	/ /	07/07/88

*** INORGANICS ***

PP	CAS NO	COMPOUND				
1		ALUMINUM	J 2560.0		J 2450.0	J 2680.0
3		ARSENIC	4.3	2.3	8.4	12.1
4		BARIUM	[66.7]	[30.0]	70.0	157.7
5		BERYLLIUM	[0.5]	[0.4]	[0.6]	[0.4]
7		CALCIUM	57619.0	44815.0	21886.0	21702.0
8		CHROMIUM	J 7.6	J 51.5	J 5.1	J 6.2
10		COPPER	19.5	17.4	12.6	40.0
11		IRON	6190.0	4190.0	6000.0	5700.0
12		LEAD	12.4	8.6	8.9	13.7
13		MAGNESIUM	13762.0	10259.0	5457.0	1745.0
14		MANGANESE	239.0	138.5	[1.7]	227.7
16		NICKEL		[6.3]		[8.1]
17		POTASSIUM				[430.0]
18		SELENIUM				1.7
23		VANADIUM	[9.0]	[7.4]		[9.4]
24		ZINC	J 123.3	J 69.3	J 64.0	J 56.6

001321

BYRON BARREL & DRUM - SEDIMENTS

SAMPLE NUMBER:
TRAFFIC REPORT NUMBER:
SAMPLING POINT:
LOCATION:
DESCRIPTION:
UNITS:
DATE SAMPLED:

BS-SD001-1A BS-SD001-2 BS-SD002-1 BS-SD002-2 BS-SD003-1 BS-SD003-2 BS-SD004-1

/ / / / / / / / / / / / / /

*** GEOCHEMICAL PARAMETERS ***

PP CAS NO COMPOUND

NO PARAMETERS FOR THIS CATEGORY

001322

BYRON BARREL & DRUM - SEDIMENTS

SAMPLE NUMBER:
TRAFFIC REPORT NUMBER:
SAMPLING POINT:
LOCATION:
DESCRIPTION:
UNITS:
DATE SAMPLED:

BS-SD004-2	BS-SD005-2	BS-SD006-2	BS-SD007-2	BS-SD008-2	BS-SD009-2	BS-SD010-2
BX144	BX146	BX148	BX150	BX152	BX154	BX156
STATION 15	STATION 5	STATION 6	STATION 7	STATION 8	STATION 9	STATION 10
OAK ORCHARD	OAK ORCHARD	DITCH 2	DITCH 2	DITCH 2	DITCH 2	DITCH 2
DWST DITCH 2	UPST DITCH 2					
UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
11/15/88	11/15/88	11/15/88	11/15/88	11/15/88	11/15/88	11/15/88

*** VOLATILES ***

PP	CAS NO	COMPOUND
	67-64-1	ACETONE
	78-93-3	2-BUTANONE
	108-10-1	4-METHYL-2-PENTANONE
86V	108-88-3	TOLUENE
38V	100-41-4	ETHYLBENZENE
	100-42-5	STYRENE
7V	108-90-7	CHLOROBENZENE
11V	71-55-6	1,1,1-TRICHLOROETHANE
10V	75-34-3	1,1-DICHLOROETHANE
10V	107-06-2	1,2-DICHLOROETHANE
85V	127-18-4	TETRACHLOROETHENE
87V	79-01-6	TRICHLOROETHENE
88V	75-01-4	VINYL CHLORIDE
6V	56-23-5	CARBON TETRACHLORIDE
23V	67-66-3	CHLOROFORM
44V	75-09-2	METHYLENE CHLORIDE
45V	74-87-3	CHLOROMETHANE
48V	75-27-4	BROMODICHLOROMETHANE

	270			
33	73			39
				J 10
		1600	900	

J 4

001323

BYRON BARREL & DRUM - SEDIMENTS

SAMPLE NUMBER:	BS-SD004-2	BS-SD005-2	BS-SD006-2	BS-SD007-2	BS-SD008-2	BS-SD009-2	BS-SD010-2
TRAFFIC REPORT NUMBER:	BX144	BX146	BX148	BX150	BX152	BX154	BX156
SAMPLING POINT:	STATION 15	STATION 5	STATION 6	STATION 7	STATION 8	STATION 9	STATION 10
LOCATION:	NA	NA	NA	NA	NA	NA	NA
DESCRIPTION:	DWST DITCH 2	UPST DITCH 2					
UNITS:	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
DATE SAMPLED:	11/15/88	11/15/88	11/15/88	11/15/88	11/15/88	11/15/88	11/15/88

*** BASE/NEUTRALS ***

PP	CAS NO	COMPOUND

NO PARAMETERS FOR THIS CATEGORY

001324

BYRON BARREL & DRUM - SEDIMENTS

SAMPLE NUMBER:
 TRAFFIC REPORT NUMBER:
 SAMPLING POINT:
 LOCATION:
 DESCRIPTION:
 UNITS:
 DATE SAMPLED:

BS-SD004-2	BS-SD005-2	BS-SD006-2	BS-SD007-2	BS-SD008-2	BS-SD009-2	BS-SD010-2
BX144	BX146	BX148	BX150	BX152	BX154	BX156
STATION 15	STATION 5	STATION 6	STATION 7	STATION 8	STATION 9	STATION 10
NA	NA	NA	NA	NA	NA	NA
DWST DITCH 2	UPST DITCH 2					
UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
11/15/88	11/15/88	11/15/88	11/15/88	11/15/88	11/15/88	11/15/88

*** ACIDS ***

PP	CAS NO	COMPOUND
NO PARAMETERS FOR THIS CATEGORY		

001325

BYRON BARREL & DRUM - SEDIMENTS

SAMPLE NUMBER:
TRAFFIC REPORT NUMBER:
SAMPLING POINT:
LOCATION:
DESCRIPTION:
UNITS:
DATE SAMPLED:

BS-SD004-2	BS-SD005-2	BS-SD006-2	BS-SD007-2	BS-SD008-2	BS-SD009-2	BS-SD010-2
BX144	BX146	BX148	BX150	BX152	BX154	BX156
STATION 15	STATION 5	STATION 6	STATION 7	STATION 8	STATION 9	STATION 10
NA	NA	NA	NA	NA	NA	NA
DWST DITCH 2	UPST DITCH 2					
UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
11/15/88	11/15/88	11/15/88	11/15/88	11/15/88	11/15/88	11/15/88

*** PESTICIDES ***

PP	CAS NO	COMPOUND
92P	50-29-3	4,4'-DDT
	72-54-8	4,4'-DDD
98P	72-20-8	ENDRIN
97P	1031-07-8	ENDOSUFAN SULFATE
90P	60-57-1	DIELDRIN

001326

BYRON BARREL & DRUM - SEDIMENTS

SAMPLE NUMBER:
 TRAFFIC REPORT NUMBER:
 SAMPLING POINT:
 LOCATION:
 DESCRIPTION:
 UNITS:
 DATE SAMPLED:

BS-SD004-2 BS-SD005-2 BS-SD006-2 BS-SD007-2 BS-SD008-2 BS-SD009-2 BS-SD010-2

/ / / / / / / / / / / / / /

*** INORGANICS ***

PP CAS NO COMPOUND

1		ALUMINUM
3		ARSENIC
4		BARIUM
5		BERYLLIUM
7		CALCIUM
8		CHROMIUM
10		COPPER
11		IRON
12		LEAD
13		MAGNESIUM
14		MANGANESE
16		NICKEL
17		POTASSIUM
18		SELENIUM
23		VANADIUM
24		ZINC

001327

BYRON BARREL & DRUM - SEDIMENTS

SAMPLE NUMBER:	BS-SD004-2	BS-SD005-2	BS-SD006-2	BS-SD007-2	BS-SD008-2	BS-SD009-2	BS-SD010-2
TRAFFIC REPORT NUMBER:							
SAMPLING POINT:							
LOCATION:							
DESCRIPTION:							
UNITS:							
DATE SAMPLED:	/ /	/ /	/ /	/ /	/ /	/ /	/ /

*** GEOCHEMICAL PARAMETERS ***

PP	CAS NO	COMPOUND

NO PARAMETERS FOR THIS CATEGORY

001328

BYRON BARREL & DRUM - SEDIMENTS

SAMPLE NUMBER:
 TRAFFIC REPORT NUMBER:
 SAMPLING POINT:
 LOCATION:
 DESCRIPTION:
 UNITS:
 DATE SAMPLED:

BS-SD011-2	BS-SD012-2	BS-SD012-2A	BS-SD013-2	BS-SD014-2
BX158	BX187	BX189	BX191	BX193
STATION 11	STATION 12	STATION 12	STATION 13	STATION 14
OAK ORCHARD	OAK ORCHARD	OAK ORCHARD	DITCH 1	DITCH 1
DWST DITCH 1	UPST DITCH 1	DUP SD012-2		
UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
11/15/88	11/15/88	11/15/88	11/15/88	11/15/88

*** VOLATILES ***

PP	CAS NO	COMPOUND
	67-64-1	ACETONE
	78-93-3	2-BUTANONE
	108-10-1	4-METHYL-2-PENTANONE
86V	108-88-3	TOLUENE
38V	100-41-4	ETHYLBENZENE
	100-42-5	STYRENE
7V	108-90-7	CHLOROBENZENE
11V	71-55-6	1,1,1-TRICHLOROETHANE
10V	75-34-3	1,1-DICHLOROETHANE
10V	107-06-2	1,2-DICHLOROETHANE
85V	127-18-4	TETRACHLOROETHENE
87V	79-01-6	TRICHLOROETHENE
88V	75-01-4	VINYL CHLORIDE
6V	56-23-5	CARBON TETRACHLORIDE
23V	67-66-3	CHLOROFORM
44V	75-09-2	METHYLENE CHLORIDE
45V	74-87-3	CHLOROMETHANE
48V	75-27-4	BROMODICHLOROMETHANE

J 1

001329

BYRON BARREL & DRUM - SEDIMENTS

SAMPLE NUMBER:	BS-S0011-2	BS-S0012-2	BS-S0012-2A	BS-S0013-2	BS-S0014-2
TRAFFIC REPORT NUMBER:	BX158	BX187	BX189	BX191	BX193
SAMPLING POINT:	STATION 11	STATION 12	STATION 12	STATION 13	STATION 14
LOCATION:	NA	NA	NA	NA	NA
DESCRIPTION:	DWST DITCH 1	UPST DITCH 1	DUP S0012-2		
UNITS:	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
DATE SAMPLED:	11/15/88	11/15/88	11/15/88	11/15/88	11/15/88

*** BASE/NEUTRALS ***

PP	CAS NO	COMPOUND

NO PARAMETERS FOR THIS CATEGORY

001330

BYRON BARREL & DRUM - SEDIMENTS

SAMPLE NUMBER:	BS-SD011-2	BS-SD012-2	BS-SD012-2A	BS-SD013-2	BS-SD014-2
TRAFFIC REPORT NUMBER:	BX158	BX187	BX189	BX191	BX193
SAMPLING POINT:	STATION 11	STATION 12	STATION 12	STATION 13	STATION 14
LOCATION:	NA	NA	NA	NA	NA
DESCRIPTION:	DWST DITCH 1	UPST DITCH 1	DUP SD012-2		
UNITS:	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
DATE SAMPLED:	11/15/88	11/15/88	11/15/88	11/15/88	11/15/88

*** ACIDS ***

PP	CAS NO	COMPOUND

NO PARAMETERS FOR THIS CATEGORY

001331

BYRON BARREL & DRUM - SEDIMENTS

SAMPLE NUMBER:	BS-SD011-2	BS-SD012-2	BS-SD012-2A	BS-SD013-2	BS-SD014-2
TRAFFIC REPORT NUMBER:	BX158	BX187	BX189	BX191	BX193
SAMPLING POINT:	STATION 11	STATION 12	STATION 12	STATION 13	STATION 14
LOCATION:	NA	NA	NA	NA	NA
DESCRIPTION:	DWST DITCH 1	UPST DITCH 1	DUP SD012-2		
UNITS:	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
DATE SAMPLED:	11/15/88	11/15/88	11/15/88	11/15/88	11/15/88

*** PESTICIDES ***

PP	CAS NO	COMPOUND
92P	50-29-3	4,4'-DDT
	72-54-8	4,4'-DDD
98P	72-20-8	ENDRIN
97P	1031-07-8	ENDOSUFAN SULFATE
90P	60-57-1	DIELDRIN

001332

BYRON BARREL & DRUM - SEDIMENTS

SAMPLE NUMBER:	BS-SD011-2	BS-SD012-2	BS-SD012-2A	BS-SD013-2	BS-SD014-2
TRAFFIC REPORT NUMBER:					
SAMPLING POINT:					
LOCATION:					
DESCRIPTION:					
UNITS:					
DATE SAMPLED:	/ /	/ /	/ /	/ /	/ /

*** INORGANICS ***

PP	CAS NO	COMPOUND
1		ALUMINUM
3		ARSENIC
4		BARIUM
5		BERYLLIUM
7		CALCIUM
8		CHROMIUM
10		COPPER
11		IRON
12		LEAD
13		MAGNESIUM
14		MANGANESE
16		NICKEL
17		POTASSIUM
18		SELENIUM
23		VANADIUM
24		ZINC

001333

BYRON BARREL & DRUM - SEDIMENTS

SAMPLE NUMBER:
TRAFFIC REPORT NUMBER:
SAMPLING POINT:
LOCATION:
DESCRIPTION:
UNITS:
DATE SAMPLED:

BS-SD011-2 BS-SD012-2 BS-SD012-2A BS-SD013-2 BS-SD014-2

/ / / / / / / / / /

*** GEOCHEMICAL PARAMETERS ***

PP CAS NO COMPOUND

NO PARAMETERS FOR THIS CATEGORY

001334

Residential Well Results

001335

001335

BYRON BARREL AND DRUM SITE - RESIDENTIAL WELL SAMPLES

SAMPLE NUMBER:	BS-RW000-1T	BS-RW001-1	BS-RW001-2	BS-RW002-1	BS-RW002-2	BS-RW002-2T	BS-RW003-1
TRAFFIC REPORT NUMBER:	4083B-01	4083B-02	4341B-030	4083B-03	4341B-031	4341B-029	4083B-04
DESCRIPTION:	TRIP BLANK	STOKES WELL	DUG WELL	DUG WELL	STOKES WELL	TRIP BLANK	TENANTS WELL
UNITS:	UG/L	UG/L	UG/L	UG/L *	UG/L	UG/L	UG/L
DATE SAMPLED:	08/31/88	08/31/88	12/15/88	08/31/88	12/15/88	12/15/88	08/31/88

*** VOLATILES ***

PP.	CAS NO	COMPOUND	
7V	108-90-7	CHLOROBENZENE	0.031
11V	71-55-6	1,1,1-TRICHLOROETHANE	0.035
10V	107-06-2	1,2-DICHLOROETHANE	3.6
16V	75-00-3	CHLOROETHANE	0.094
85V	127-18-4	TETRACHLOROETHENE	0.0092
87V	79-01-6	TRICHLOROETHENE	0.03
6V	56-23-5	CARBON TETRACHLORIDE	0.0094
23V	67-66-3	CHLOROFORM	J 1.9
44V	75-09-2	METHYLENE CHLORIDE	0.03
32V	78-87-5	1,2-DICHLOROPROPANE	0.59
19V	110-75-8	2-CHLOROETHYL VINYL ETHER	0.041
		TRICHLOROFLUOROMETHANE	0.02
	106-46-7	1,4-DICHLOROBENZENE	

001336

BYRON BARREL AND DRUM SITE - RESIDENTIAL WELL SAMPLES

SAMPLE NUMBER:	BS-RW000-1T	BS-RW001-1	BS-RW001-2	BS-RW002-1	BS-RW002-2	BS-RW002-2T	BS-RW003-1
TRAFFIC REPORT NUMBER:	40838-01	40838-02	43418-030	40838-03	43418-031	43418-029	40838-04
DESCRIPTION:	TRIP BLANK	STOKES WELL	DUG WELL	DUG WELL	STOKES WELL	TRIP BLANK	TENANTS WELL
UNITS:	UG/L	UG/L	UG/L	UG/L *	UG/L	UG/L	UG/L
DATE SAMPLED:	08/31/88	08/31/88	12/15/88	08/31/88	12/15/88	12/15/88	08/31/88

*** BASE/NEUTRALS ***

PP	CAS NO	COMPOUND

NO PARAMETERS FOR THIS CATEGORY

001337

BYRON BARREL AND DRUM SITE - RESIDENTIAL WELL SAMPLES

SAMPLE NUMBER:	BS-RW000-1T	BS-RW001-1	BS-RW001-2	BS-RW002-1	BS-RW002-2	BS-RW002-2T	BS-RW003-1
TRAFFIC REPORT NUMBER:	4083B-01	4083B-02	4341B-030	4083B-03	4341B-031	4341B-029	4083B-04
DESCRIPTION:	TRIP BLANK	STOKES WELL	DUG WELL	DUG WELL	STOKES WELL	TRIP BLANK	TENANTS WELL
UNITS:	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L
DATE SAMPLED:	08/31/88	08/31/88	12/15/88	08/31/88	12/15/88	12/15/88	08/31/88

*** ACIDS ***

PP	CAS NO	COMPOUND

NO PARAMETERS FOR THIS CATEGORY

001338

BYRON BARREL AND DRUM SITE - RESIDENTIAL WELL SAMPLES

SAMPLE NUMBER:	BS-RW000-1T	BS-RW001-1	BS-RW001-2	BS-RW002-1	BS-RW002-2	BS-RW002-2T	BS-RW003-1
TRAFFIC REPORT NUMBER:	4083B-01	4083B-02	4341B-030	4083B-03	4341B-031	4341B-029	4083B-04
DESCRIPTION:	TRIP BLANK	STOKES WELL	DUG WELL	DUG WELL	STOKES WELL	TRIP BLANK	TENANTS WELL
UNITS:	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L
DATE SAMPLED:	08/31/88	08/31/88	12/15/88	08/31/88	12/15/88	12/15/88	08/31/88

*** PESTICIDES ***

PP	CAS NO	COMPOUND

NO PARAMETERS FOR THIS CATEGORY

00100

BYRON BARREL AND DRUM SITE - RESIDENTIAL WELL SAMPLES

SAMPLE NUMBER:	BS-RW000-1T	BS-RW001-1	BS-RW001-2	BS-RW002-1	BS-RW002-2	BS-RW002-2T	BS-RW003-1
TRAFFIC REPORT NUMBER:		MBP322		MBP323			MBP324
DESCRIPTION:		STOKES WELL		DUG WELL			TENANTS WELL
UNITS:		UG/L		UG/L			UG/L
DATE SAMPLED:	08/31/88	08/31/88	/ /	08/31/88	/ /	/ /	08/31/88

*** INORGANICS ***

PP	CAS NO	COMPOUND

1	ALUMINUM	219	67.2	
2	ANTIMONY	40.6		54.2
3	ARSENIC			
4	BARIUM	86.4	241	28
7	CALCIUM	62900	89400	62600
9	COBALT			18.8
11	IRON	J 3980	J 123	J 380
12	LEAD	4.0		
13	MAGNESIUM	30000	19100	20500
14	MANGANESE	J 48.3	J 16.1	J 9.6
17	POTASSIUM		1110	1420
20	SODIUM	12600	2750	11000
24	ZINC	21.8	25	

001340

BYRON BARREL AND DRUM SITE - RESIDENTIAL WELL SAMPLES

SAMPLE NUMBER:	BS-RW000-1T	BS-RW001-1	BS-RW001-2	BS-RW002-1	BS-RW002-2	BS-RW002-2T	BS-RW003-1
TRAFFIC REPORT NUMBER:							
DESCRIPTION:		STOKES WELL		DUP WELL			TENANTS WELL
UNITS:							
DATE SAMPLED:	/ /	08/31/88	/ /	08/31/88	/ /	/ /	08/31/88

*** GEOCHEMICAL PARAMETERS ***

PP	CAS NO	COMPOUND

NO PARAMETERS FOR THIS CATEGORY

001311
TAC100

BYRON BARREL AND DRUM SITE - RESIDENTIAL WELL SAMPLES

SAMPLE NUMBER:	BS-RW003-2	BS-RW004-1	BS-RW004-2	BS-RW005-1	BS-RW005-1A	BS-RW005-2	BS-RW005-2A
TRAFFIC REPORT NUMBER:	4341B-032	4083B-05	4341B-033	4083B-06	4083B-07	4341B-034	4341B-035
DESCRIPTION:	TENANTS WELL	SMITH WELL	SMITH WELL	MARKEY WELL	DUP RW005	MARKEY WELL	DUP RW005
UNITS:	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L
DATE SAMPLED:	12/15/88	08/31/88	12/15/88	08/31/88	08/31/88	12/15/88	12/15/88

*** VOLATILES ***

PP	CAS NO	COMPOUND
7V	108-90-7	CHLOROBENZENE
11V	71-55-6	1,1,1-TRICHLOROETHANE
10V	107-06-2	1,2-DICHLOROETHANE
16V	75-00-3	CHLOROETHANE
85V	127-18-4	TETRACHLOROETHENE
87V	79-01-6	TRICHLOROETHENE
6V	56-23-5	CARBON TETRACHLORIDE
23V	67-66-3	CHLOROFORM
44V	75-09-2	METHYLENE CHLORIDE
32V	78-87-5	1,2-DICHLOROPROPANE
19V	110-75-8	2-CHLOROETHYL VINYL ETHER
		TRICHLOROFLUOROMETHANE
	106-46-7	1,4-DICHLOROBENZENE

0.32

0.25

0.23

001342

BYRON BARREL AND DRUM SITE - RESIDENTIAL WELL SAMPLES

SAMPLE NUMBER:	BS-RW003-2	BS-RW004-1	BS-RW004-2	BS-RW005-1	BS-RW005-1A	BS-RW005-2	BS-RW005-2A
TRAFFIC REPORT NUMBER:	4341B-032	4083B-05	4341B-033	4083B-06	4083B-07	4341B-034	4341B-035
DESCRIPTION:	TENANTS WELL	SMITH WELL	SMITH WELL	MARKEY WELL	DUP RW005	MARKEY WELL	DUP RW005
UNITS:	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L
DATE SAMPLED:	12/15/88	08/31/88	12/15/88	08/31/88	08/31/88	12/15/88	12/15/88

*** BASE/NEUTRALS ***

PP	CAS NO	COMPOUND

NO PARAMETERS FOR THIS CATEGORY

001343

BYRON BARREL AND DRUM SITE - RESIDENTIAL WELL SAMPLES

SAMPLE NUMBER:	BS-RW003-2	BS-RW004-1	BS-RW004-2	BS-RW005-1	BS-RW005-1A	BS-RW005-2	BS-RW005-2A
TRAFFIC REPORT NUMBER:	4341B-032	4083B-05	4341B-033	4083B-06	4083B-07	4341B-034	4341B-035
DESCRIPTION:	TENANTS WELL	SMITH WELL	SMITH WELL	MARKEY WELL	DUP RW005	MARKEY WELL	DUP RW005
UNITS:	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L
DATE SAMPLED:	12/15/88	08/31/88	12/15/88	08/31/88	08/31/88	12/15/88	12/15/88

*** ACIDS ***

PP	CAS NO	COMPOUND
NO PARAMETERS FOR THIS CATEGORY		

001344

BYRON BARREL AND DRUM SITE - RESIDENTIAL WELL SAMPLES

SAMPLE NUMBER:	BS-RW003-2	BS-RW004-1	BS-RW004-2	BS-RW005-1	BS-RW005-1A	BS-RW005-2	BS-RW005-2A
TRAFFIC REPORT NUMBER:	4341B-032	4083B-05	4341B-033	4083B-06	4083B-07	4341B-034	4341B-035
DESCRIPTION:	TENANTS WELL	SMITH WELL	SMITH WELL	MARKEY WELL	DUP RW005	MARKEY WELL	DUP RW005
UNITS:	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L
DATE SAMPLED:	12/15/88	08/31/88	12/15/88	08/31/88	08/31/88	12/15/88	12/15/88

*** PESTICIDES ***

PP	CAS NO	COMPOUND

NO PARAMETERS FOR THIS CATEGORY

001345

BYRON BARREL AND DRUM SITE - RESIDENTIAL WELL SAMPLES

SAMPLE NUMBER:	BS-RW003-2	BS-RW004-1	BS-RW004-2	BS-RW005-1	BS-RW005-1A	BS-RW005-2	BS-RW005-2A
TRAFFIC REPORT NUMBER:		MBP325		MBP326	MBP327		
DESCRIPTION:		SMITH WELL		MARKEY WELL	DUP RW005		
UNITS:		UG/L		UG/L	UG/L		
DATE SAMPLED:	/ /	08/31/88	/ /	08/31/88	08/31/88	/ /	/ /

*** INORGANICS ***

PP	CAS NO	COMPOUND

1	ALUMINUM		38.3
2	ANTIMONY	40.7	54.2
3	ARSENIC	5.0	
4	BARIUM	137	87.1
7	CALCIUM	302000	91100
9	COBALT		88700
11	IRON	J 5180	J 63.8
12	LEAD		1.6
13	MAGNESIUM	52200	26100
14	MANGANESE	J 309	25500
17	POTASSIUM		
20	SODIUM	15800	7400
24	ZINC		7180
			189

001346

BYRON BARREL AND DRUM SITE - RESIDENTIAL WELL SAMPLES

SAMPLE NUMBER:	BS-RW003-2	BS-RW004-1	BS-RW004-2	BS-RW005-1	BS-RW005-1A	BS-RW005-2	BS-RW005-2A
TRAFFIC REPORT NUMBER:							
DESCRIPTION:		SMITH WELL		MARKEY WELL	DUP RW005		
UNITS:							
DATE SAMPLED:	/ /	08/31/88	/ /	08/31/88	08/31/88	/ /	/ /

*** GEOCHEMICAL PARAMETERS ***

PP	CAS NO	COMPOUND

NO PARAMETERS FOR THIS CATEGORY

001347

Supplemental Results

1000000

001348

BYRON BARREL AND DRUM SITE - SUPPLEMENTAL SOIL BORING SAMPLES

SAMPLE NUMBER:	BS-SB001-1T	BS-SB002-1T	BS-SB01-01-1	BS-SB02-01-1	BS-SB03-02-1	BS-SB03-04-1	BS-SB04-02-1
TRAFFIC REPORT NO:	REM III LAB	REM III LAB	REM III LAB	REM III LAB	REM III LAB	REM III LAB	REM III LAB
SAMPLING POINT:	NA	NA	MAINT. BLDG.	MAINT. BLDG.	MAINT. BLDG.	MAINT. BLDG.	MAINT. BLDG.
DEPTH:	NA	NA	1'	1'	2'	4'	2'
DESCRIPTION:	TRIP BLANK	TRIP BLANK	BORING 1	BORING 2	BORING 3	BORING 3	BORING 4
UNITS:	UG/L	UG/L	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
DATE SAMPLED:	04/26/89	04/27/89	04/20/89	04/20/89	04/20/89	04/20/89	04/26/89

*** VOLATILES ***

PP	CAS NO	COMPOUND

	67-64-1	ACETONE
11V	71-55-6	1,1,1-TRICHLOROETHANE
14V	79-00-5	1,1,2-TRICHLOROETHANE
87V	79-01-6	TRICHLOROETHENE
29V	75-35-4	1,1-DICHLOROETHENE
44V	75-09-2	METHYLENE CHLORIDE

B 220

J 10

J 6.4

001349

BYRON BARREL AND DRUM SITE - SUPPLEMENTAL SOIL BORING SAMPLES

SAMPLE NUMBER:	BS-SB04-04-1	BS-SB05-02-1	BS-SB05-04-1	BS-SB05-06-1	BS-SB06-02-1	BS-SB06-05-1	BS-SB07-02-1
TRAFFIC REPORT NO:	REM III LAB	REM III LAB	REM III LAB	REM III LAB	REM III LAB	REM III LAB	REM III LAB
SAMPLING POINT:	MAINT. BLDG.	MAINT. BLDG.	MAINT. BLDG.	MAINT. BLDG.	MAINT. BLDG.	MAINT. BLDG.	MAINT. BLDG.
DEPTH:	4'	2'	4'	6'	2'	5'	2'
DESCRIPTION:	BORING 4	BORING 5	BORING 5	BORING 5	BORING 6	BORING 6	BORING 7
UNITS:	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
DATE SAMPLED:	04/26/89	04/26/89	04/26/89	04/26/89	04/27/89	04/27/89	04/27/89

*** VOLATILES ***

PP	CAS NO	COMPOUND

	67-64-1	ACETONE					
11V	71-55-6	1,1,1-TRICHLOROETHANE	22	40	78	83	410
14V	79-00-5	1,1,2-TRICHLOROETHANE					
87V	79-01-6	TRICHLOROETHENE	15				32
29V	75-35-4	1,1-DICHLOROETHENE					24
44V	75-09-2	METHYLENE CHLORIDE				7.0	

00100

BYRON BARREL AND DRUM SITE - SUPPLEMENTAL SOIL BORING SAMPLES

SAMPLE NUMBER:	BS-SB07-05-1	BS-SB07-07-1	BS-SB08-02-1	BS-SB08-05-1	BS-SB08-07-1
TRAFFIC REPORT NO:	REM III LAB	REM III LAB	REM III LAB	REM III LAB	REM III LAB
SAMPLING POINT:	MAINT. BLDG.	MAINT. BLDG.	MAINT. BLDG.	MAINT. BLDG.	MAINT. BLDG.
DEPTH:	5'	7'	2'	5'	7'
DESCRIPTION:	BORING 7	BORING 7	BORING 8	BORING 8	BORING 8
UNITS:	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
DATE SAMPLED:	04/27/89	04/27/89	04/27/89	04/27/89	04/27/89

*** VOLATILES ***

PP	CAS NO	COMPOUND
	67-64-1	ACETONE
11V	71-55-6	1,1,1-TRICHLOROETHANE
14V	79-00-5	1,1,2-TRICHLOROETHANE
87V	79-01-6	TRICHLOROETHENE
29V	75-35-4	1,1-DICHLOROETHENE
44V	75-09-2	METHYLENE CHLORIDE

45	27	150	25	22
		8.1	7.7	9.1
8.1	5.8	15	8.4	8.7
		5.9		

001351

SAMPLE NUMBER:
 TRAFFIC REPORT NO:
 LOCATION:
 ELEVATION (MSL):
 DESCRIPTION:
 UNITS:
 DATE SAMPLED:

BS-MW000-5T	BS-MW001-5	BS-MW001-5T	BS-MW002-5	BS-MW003-5	BS-MW004-5	BS-MW005-5
REM III LAB	REM III LAB	REM III LAB	REM III LAB	REM III LAB	REM III LAB	REM III LAB
NA	MAINT. BLDG.	NA	MAINT. BLDG.	MAINT. BLDG.	MAINT. BLDG.	UPGRADIENT
NA	630.09	NA	633.61	633.81	631.78	672.72
TRIP BLANK	MW-1	TRIP BLANK	MW-2	MW-3	MW-4	MW-5
UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L
04/21/89	04/21/89	04/28/89	04/21/89	04/21/89	04/21/89	04/28/89

*** VOLATILES ***

PP	CAS NO	COMPOUND

	67-64-1	ACETONE	42	B 360	B 92		B 30
	78-93-3	2-BUTANONE	J 14	J 3000			
	108-10-1	4-METHYL-2-PENTANONE	J 3				
86V	108-88-3	TOLUENE	J 1	J 37			
11V	71-55-6	1,1,1-TRICHLOROETHANE		2000		720	J 0.8
10V	75-34-3	1,1-DICHLOROETHANE		300		87	2200
87V	79-01-6	TRICHLOROETHENE				33	680
30V	156-60-5	TOTAL-1,2-DICHLOROETHENE					51
29V	75-35-4	1,1-DICHLOROETHENE		J 21		J 6	J 11
6V	56-23-5	CARBON TETRACHLORIDE					J 50

001352

SAMPLE NUMBER:
TRAFFIC REPORT NO:
LOCATION:
ELEVATION (MSL):
DESCRIPTION:
UNITS:
DATE SAMPLED:

BS-MW006-5	BS-MW007-5	BS-MW108-5
REM III LAB	REM III LAB	REM III LAB
MAINT. BLDG.	MAINT. BLDG.	MAINT. BLDG.
630.18	629.17	628.59
MW-6	MW-7	MW-108
UG/L	UG/L	UG/L
04/28/89	04/28/89	04/21/89

*** VOLATILES ***

PP	CAS NO	COMPOUND			
	67-64-1	ACETONE	B 100		
	78-93-3	2-BUTANONE	2800		
	108-10-1	4-METHYL-2-PENTANONE			
86V	108-88-3	TOLUENE	34	J 55	
11V	71-55-6	1,1,1-TRICHLOROETHANE	1300	J 2500	170
10V	75-34-3	1,1-DICHLOROETHANE	J 12	J 47	J 3
87V	79-01-6	TRICHLOROETHENE			J 2
30V	156-60-5	TOTAL-1,2-DICHLOROETHENE		J 11	J 2
29V	75-35-4	1,1-DICHLOROETHENE	J 25	J 40	
6V	56-23-5	CARBON TETRACHLORIDE	160	J 290	

001353

BYRON BARREL AND DRUM SITE - SUPPLEMENTAL WELL POINT SAMPLES

SAMPLE NUMBER:	BS-WP000-5F	BS-WP000-5T	BS-WP001-5	BS-WP001-5A	BS-WP001-5F	BS-WP001-5T	BS-WP002-5
TRAFFIC REPORT NO:	REM III LAB	REM III LAB	REM III LAB	REM III LAB	REM III LAB	REM III LAB	REM III LAB
LOCATION:	NA	NA	MUCKLAND	MUCKLAND	NA	NA	MUCKLAND
ELEVATION:	NA	NA	WATER TABLE	WATER TABLE	NA	NA	WATER TABLE
DESCRIPTION:	FIELD BLANK	TRIP BLANK	WELL POINT 1	DUP WP001-5	FIELD BLANK	TRIP BLANK	WELL POINT 2
UNITS:	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L
DATE SAMPLED:	05/05/89	05/04/89	05/11/89	05/11/89	05/11/89	05/10/89	05/04/89

*** VOLATILES ***

PP	CAS NO	COMPOUND
	67-64-1	ACETONE
11V	71-55-6	1,1,1-TRICHLOROETHANE
10V	75-34-3	1,1-DICHLOROETHANE
29V	75-35-4	1,1-DICHLOROETHENE

J 1200

B 27

B 65

B 2200

B 520

001354

BYRON BARREL AND DRUM SITE - SUPPLEMENTAL WELL POINT SAMPLES

SAMPLE NUMBER:	BS-WP003-5	BS-WP003-5A	BS-WP004-5	BS-WP005-5	BS-WP006-5	BS-WP007-1
TRAFFIC REPORT NO:	REM III LAB	REM III LAB	REM III LAB	REM III LAB	REM III LAB	REM III LAB
LOCATION:	MUCKLAND	MUCKLAND	MUCKLAND	MUCKLAND	MUCKLAND	MUCKLAND
ELEVATION:	WATER TABLE	WATER TABLE	WATER TABLE	WATER TABLE	WATER TABLE	WATER TABLE
DESCRIPTION:	WELL POINT 3	DUP WP003-5	WELL POINT 4	WELL POINT 5	WELL POINT 6	WELL POINT 7
UNITS:	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L
DATE SAMPLED:	05/05/89	05/05/89	05/11/89	05/10/89	05/10/89	05/10/89

*** VOLATILES ***

PP	CAS NO	COMPOUND

	67-64-1	ACETONE
11V	71-55-6	1,1,1-TRICHLOROETHANE
10V	75-34-3	1,1-DICHLOROETHANE
29V	75-35-4	1,1-DICHLOROETHENE

B 9

B 20

B 17
1000
13
13

B 11
240

001315