

SDMS Document

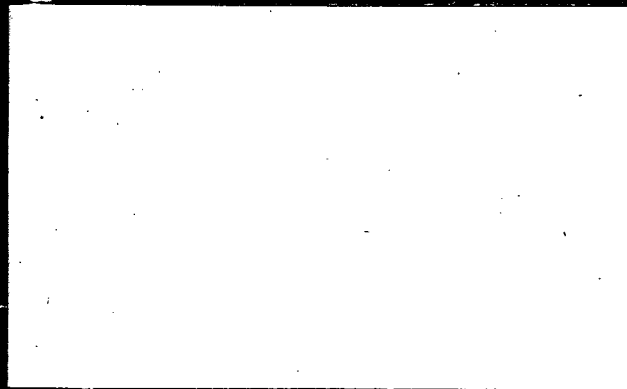


107946

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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EBASCO SERVICES INCORPORATED

000831

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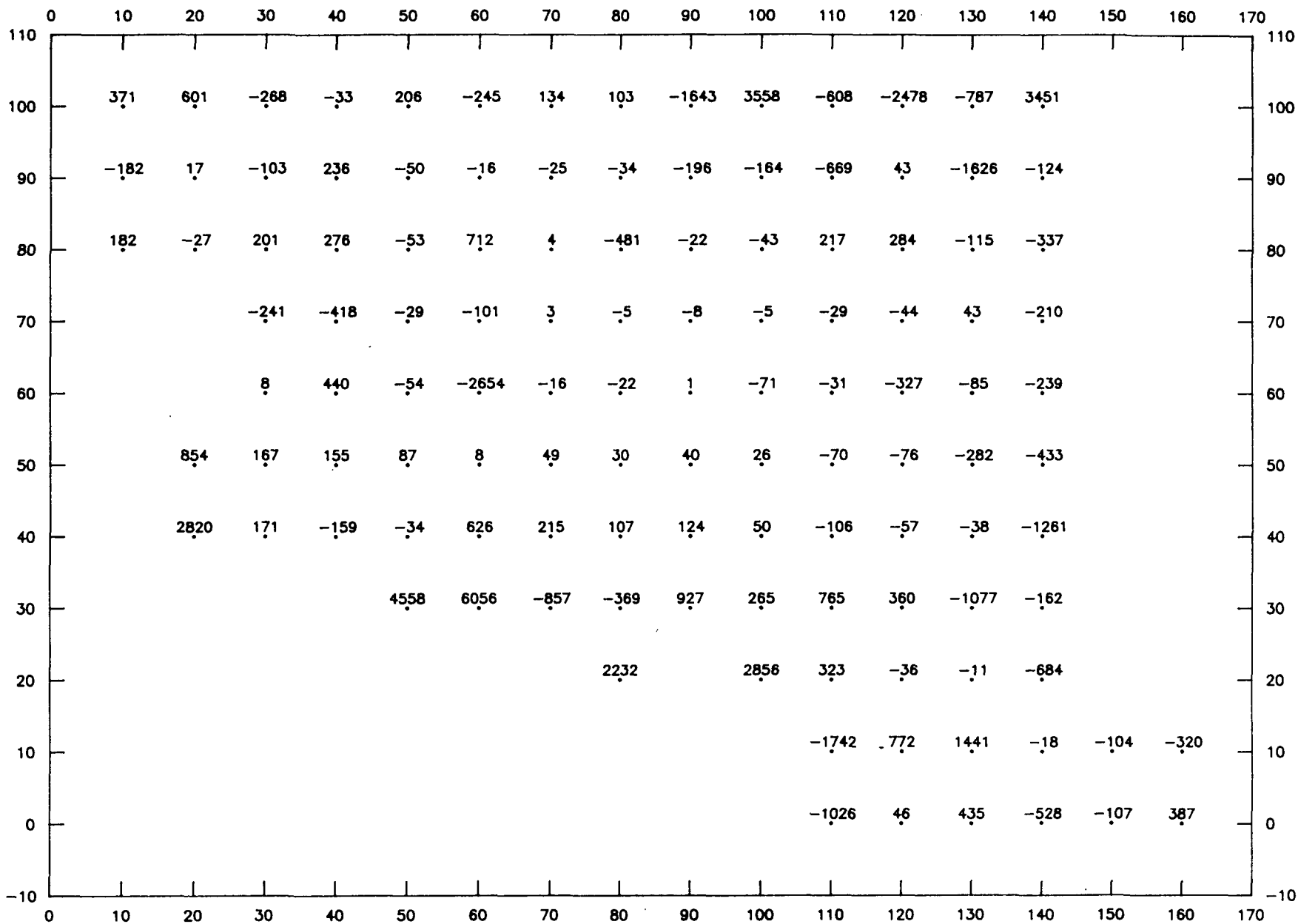
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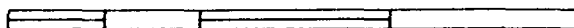
APPENDIX A
GEOPHYSICAL INVESTIGATION

000834

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

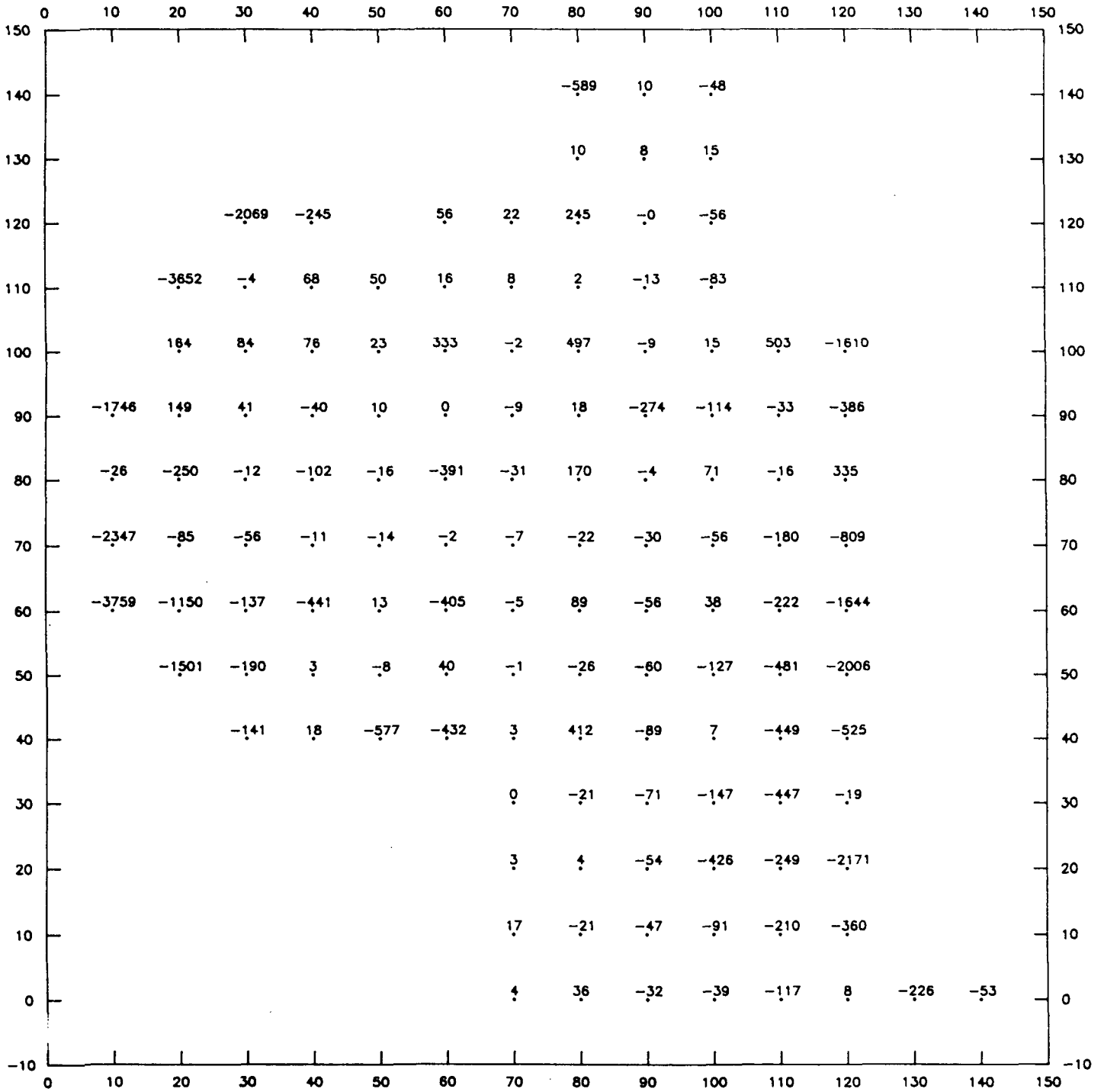


SCALE: 1 IN = 20 FT

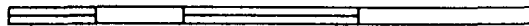


00835

BYRON B & D: AREA 2 - MAGNETIC GRADIENT DATA VALUES

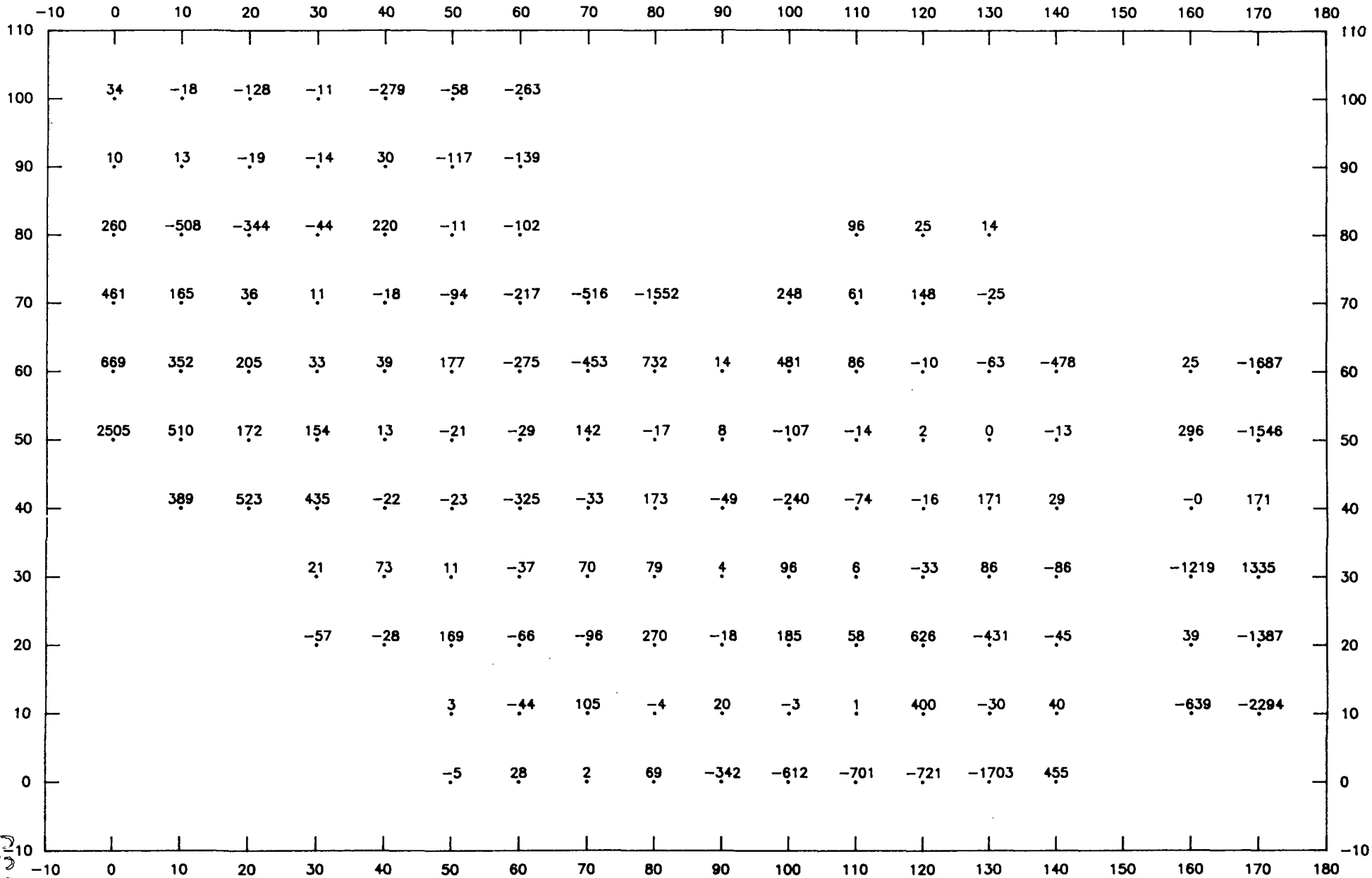


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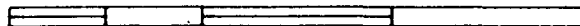


000836

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

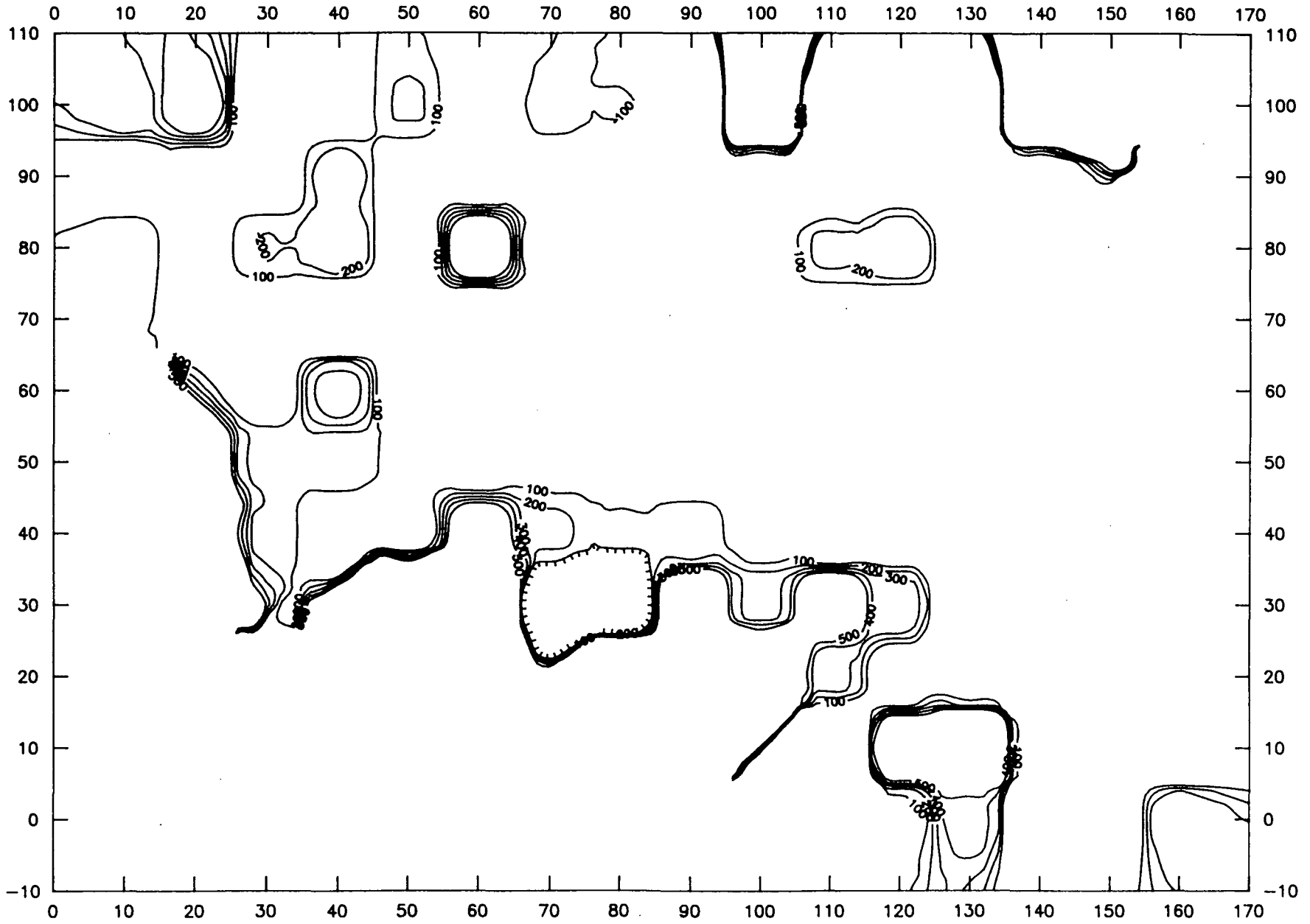


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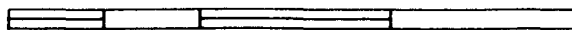


28800

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

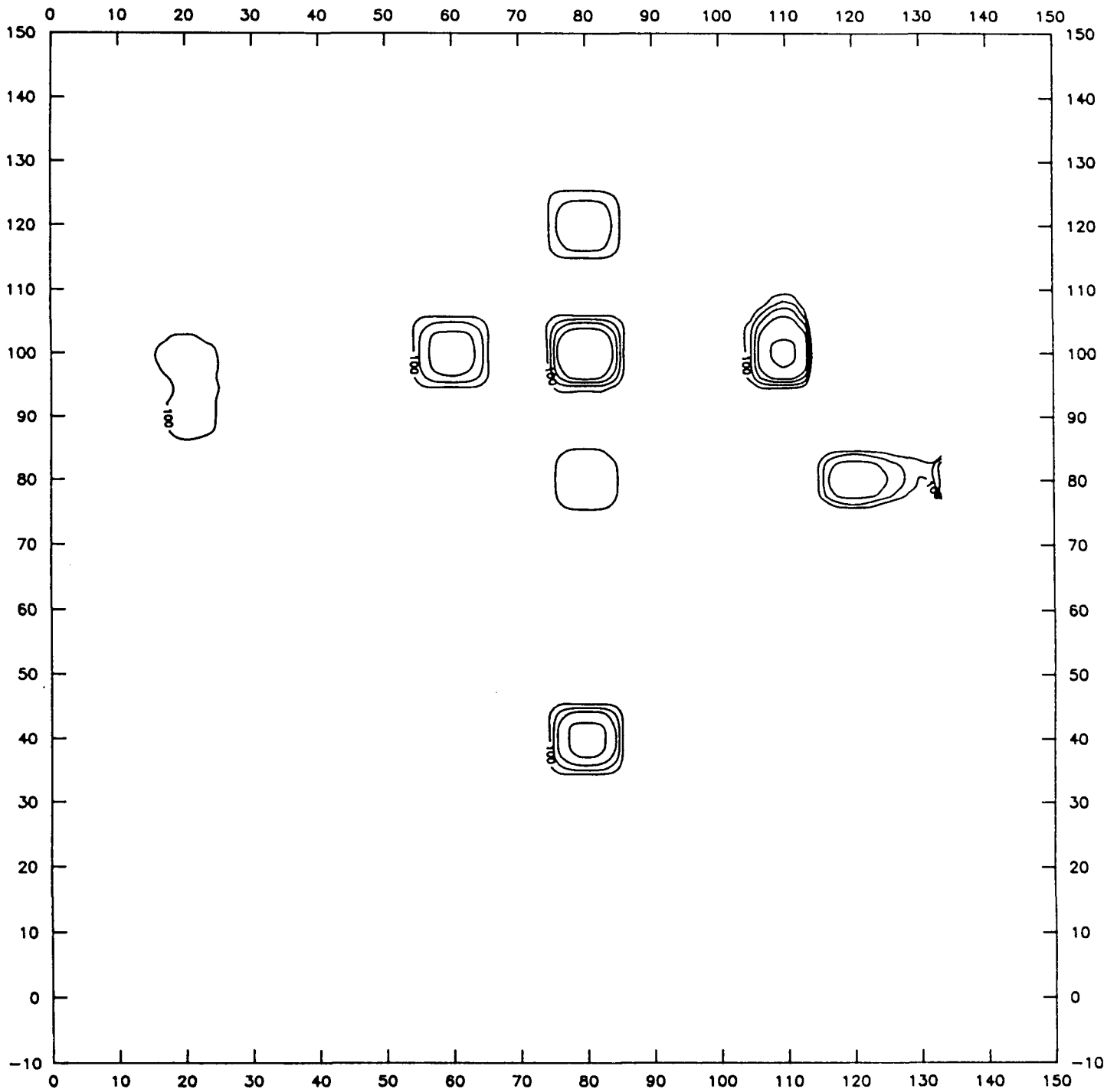


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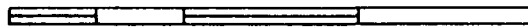


00838

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

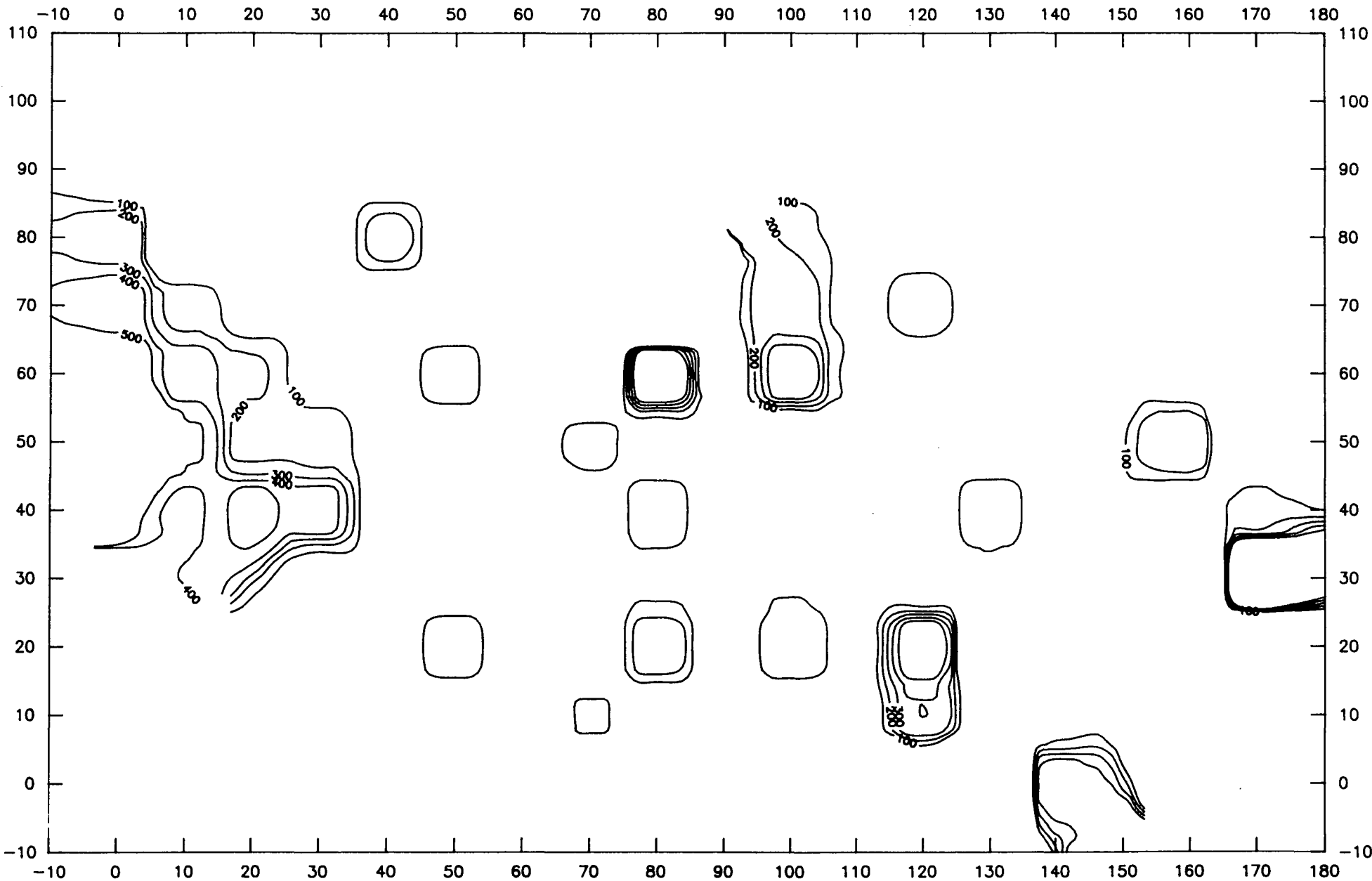


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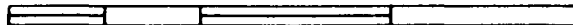


000839

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



SCALE: 1 IN = 20 FT



078000

B

000841

APPENDIX B
BORING LOGS

CC0842

PROJECT: Byrum Barnel 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 WCS LOGBOOKS FOR DETAILS
 (Date, Time & Conditions) 9/20/88 Pt 104 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		
NA	0.0	NA	NA			DR BRN	SD + muck mixed	Pe	Know (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		↓
	10.0			H ₂ O approx 8.5'			↓		
1A2	11.0	9	1.2'		FIRM	BRN	SD - F-VFGR w/GRAVEL	SW	0920 WET APPROX H ₂ O 8.5'
	12.0	7					med sorted		↓
	15.0						↓		
1A3	16.0	16	1.8'		FRM	BRNgy	SD - M - FGR	SM	0935 moist - WET
	17.0	13					med sorted		↓
	20.0						↓		
1A4	21.0	14	0.2'		FRM	BRNgy	SD M-FGR w/CLAY/ST	SM	WET
	22.0	9					med sorted		↓
	25.0						↓		

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

BORING MW1A

* See Legend on Back

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 70s

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'	TILL 27.0'	DENSE	BENG4	SD - HEAVY SILT CONTENT	SM	MOIST
	27.0						med sorted		0
							1035		
1A-6	29.0	42 55	1.0'		V. DENSE	Gy	TILL - GLACIAL SLT + SD w/ (OLL CLAY)	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	TILL - CLAY INT BED w/ SLT + SD	MH	MOLOS LIKE CLTY IMPER
	40.0								
1A-8	44.0	100/3	0.2		V. DENSE	Gy	TILL - CLAY w/ SLTY SD	MH	IMPERM
	45.0								
	50.0								

REMARKS Auger Refusal @ 27' -> GLACIAL TILL

1330 - Sunny, V. Windy

BORING MW-1A

* See Legend on Back

BORING LOG

NUS CORPORATION

PROJECT: Byron Barrel

BORING NO: MW 1A

PROJECT NO: L725/161-2LD6 DATE: 9/21/88

DRILLER: B. LAMBERT

ELEVATION: 641.27 GL

FIELD GEOLOGIST: M. TICKS

WATER LEVEL DATA SEE WGS, LOGBOOK

(Date, Time & Conditions) 9/21/88 Pt CLDY 70s

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		
1A-B	51.0	100/5	0.5		V. DENSE Gy	1620	TILL - SCLY CLAY w/ GRAVEL	MH	IMPERM
	52.0								
	55.0		NO SAMPLE		V. DENSE Gy	9/21/88 0840	BOULDERS IN TILL	MH	UNASSOCIATED PIECES IN CORE BARREL
	60.0		NO SS SAMPLE		V. DENSE Gy		AS ABU @ 55'	MH	Abnt Boulders
	65.0		NO SS SAMPLE		V. DENSE Gy	1045	AS ABU @ 55'	MH	Abnt Boulders
	70.0		NO SS SAMPLE	BOULDER		1350	LG BOULDER IN TILL	MH	CHECKING COLOR + HARDNESS FROM CUTTINGS + COLOR COMING UP IN MUD SOLUTION
	75.0		NO SS SAMPLE	75.0 BEDROCK	V. HARD DKGY	1430	APPARENT ROCK @ 75'		

REMARKS USING CORE BARREL TO CONFIRM BEDROCK AS OPPOSED TO BOULDERS/ PREP TO CK 75' LEVEL FOR BEDROCK w/ CORE BARREL.

BORING MW 1A

* See Legend on Back

500845

BORING LOG

NUS CORPORATION

PROJECT: Byron Barrel + Drum

BORING NO: MW1A

PROJECT NO: C725/161-2 LOG

DATE: 9/21/88

DRILLER: B. LAMBERT

ELEVATION:

FIELD GEOLOGIST: M. HICKS

WATER LEVEL DATA

(Date, Time & Conditions) 9/21/88 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		
	75.0								
	76.0								
	77.0		CORE 1.5'		HARD Gy		DK Gy ARG LS w/FALL		CORED 2.5'
	78.0			TD 77.5'			U. POOR ϕ		RECOVERED 1.5'
							BEDROCK @ 75'		INADEQUATE PUMP
									WOULD NOT ALLOW
									USED CORE FULL 10' SECTION

REMARKS _____

BORING MW1A

* See Legend on Back

000846

BORING LOG

NUS CORPORATION

PROJECT: Byron Barrel + Drum

BORING NO: MW2A

PROJECT NO: L725/161-2026 DATE: 9/23/88

DRILLER: B. LAMBERT

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. FRM	BRN	SD w/ conistcs	SM	MOIST
	7.0	100/5					med sorted		↓
				H ₂ O 8.5'			↓		
	10.0						1215		
2A-2	11.0	7 12	0.4'		FRM	BRN	SD - SLTY inPT; VFGR	SM	WET
	12.0	16 18					med sorted		↓
							↓		
	15.0						1235 ^v		
2A-3	16.0	9 7	0.3		LOOSE	BRN	SD-FLOWING (V. WET)	SM	V. POOR RETURNS
	17.0	9 10					med sorted		↓
							↓		
	20.0						1245 ^v		
2A4	21.0	12 10	1.2		FRM	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 ROGERS CME 75
 140 # WT DROPPED ≈ 30" / 13LOW

BORING MW2A

PAGE 1 OF 4

* See Legend on Back

000847

BORING LOG

NUS CORPORATION

PROJECT: Byron Barrel
 PROJECT NO.: C725/161-2426
 ELEVATION: 645.24 GL
 WATER LEVEL DATA SEE PG. 1
 (Date, Time & Conditions) Sunny 70's 9/26/88

DATE: 9/26/88
 FIELD GEOLOGIST: M. Hicks

BORING NO MW2A
 DRILLER: B. CAMBERT

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'	TILL 27.5'	Unconsol	BRN	SS w/ SLTY CLY + cobbles	ML	V. WET
	27.0	10					poor sorted		
		12							
		11							
	30.0							1415	
2A6	31.0	100/4	0.4'		DENSE	BRN Gy	SDY CLAY w/ cobbles	CL	MOIST
	32.0						* FROM 1500 ON 9/26 THRU 0800 ON 9/27 PERFORMED PERM TEST ON UPPER 5' OF TILL		
	35.0								
2A7	36.0	50	1.0'		DENSE	Gy	TILL - SDY/SLTY CLAY	CL	V. MOIST
	37.0	100/5							
	40.0								
2A8	41.0	62	0.7'		V. Dense	Gy	TILL w/ ABNT Qtz cobbles	CL	CLAY - 70%
	42.0	100/5					(Approx 2-5 mm)		SLT - 20%
									SD - 12%
	45.0								
2A9	46.0	NA	NA		NO SAMPLE		Bit BITTING ON BOULDER	CL	SAMPLING POINT
	47.0						CONTINUE TO DRILL THRU		
							NEXT SAMPLING POINT @ 50'-52'		
	50.0								

REMARKS _____

BORING MW2A

* See Legend on Back

BORING LOG

NUS CORPORATION

PROJECT: Byron Barrel
 PROJECT NO. 2725 / 161-2006
 ELEVATION: 645.24 GL
 WATER LEVEL DATA SEE PG. 1
 (Date, Time & Conditions) Sunny windy 70's

DATE: 9/27/88
 FIELD GEOLOGIST: M. Hicks

BORING NO. MW/2A
 DRILLER: B. LITTON-BURT

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		
	50.0						1130		
2A10	51.0	63 / 100.0	0.6'		J. Dense Gy		Till w/ cobbles	CL	Poor Returns
	52.0								
	55.0						1155		
2A11	56.0	100.4	0.3		DENSE Gy		Till w/ cobbles or INCREASE	CL	Poor Returns
	57.0								
	60.0						1330		
2A12	61.0	NA	NA		NA	1MA	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 / 100.4	0.5'		U. DENSE Gy		Till w/ INCREASING COBBLES	CL	Poor Returns
	72.0								
	75.0								

REMARKS 2A13 + 2A12 NOT SAMPLED DUE TO HEAVY BOULDERETS BORING MW/2A

* See Legend on Back

BORING LOG

NUS CORPORATION

PROJECT: Byrum Barrel
 PROJECT NO: L775/161-2LD6
 ELEVATION: 645.24' 66
 WATER LEVEL DATA SEE PG 1
 (Date, Time & Conditions) Pt Sunny 70's

DATE: 9/27/88
 FIELD GEOLOGIST: M. HICKS

BORING NO: MW2A
 DRILLER: B. CAVIBERT

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			
	75.0									
	76.0	N/A	N/A	bedrock			1455		No sample due to bedrock	
CORE	77.0			75.0'	U.HD	Gy	DK Gy w/ F CALC			
								U.FRM-U.HD		
								poor Pinpoint Ø		
						U.HD	Gy	RECOVERED 3' out of 5'		Sample core less than 10' REQUIRED BY FOP DUE TO poor performance of mud pump requires For coring operation
								1600		
				core 75-81'	U.HD	Gy	LS- ARG LS w/ Filled Fractures & micro fractures OF CALCITE; MASSIVE IN PT; NO APPARENT interconnectivity Ø VISIBLE			

REMARKS CORED 76'-81'
RECOVERED 3' TOTAL

BORING MW2A

PAGE 4 OF 4

* See Legend on Back

000850

BORING LOG

NUS CORPORATION

PROJECT: Byron Barrel

BORING NO: MWS3A

PROJECT NO: 6725/101-2LDG

DATE: 9/28/88

DRILLER: M SEILLER

ELEVATION: 641.50 GL

FIELD GEOLOGIST: M. Hicks

WATER LEVEL DATA SEE WGS Logbook

(Date, Time & Conditions) 9/28/88

Sunny 60'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			
NA	0.0	NA	NA		Loose	PK BRN	MUCK W/ SD & SCLT	PE	
							1515		
3A1	4.0	2	1.2'		Loose	BRN	SD - U F GR SCLTY	SM	U MOIST
	5.0	3		H2O 5.5'			med sorted		
							1525		
3A2	9.0	4	1.0'		Firm	BRN RD	SD - OCC SCLT, U F GR	SM	U WET
	10.0	6					RED FINT		
							med sorted		
							1545		
3A3	14.0	4	1.5'		Loose	PK BRN	Running SD SCLTY	SM	THE WETTEST
	15.0	5					med sorted		
							1555		
3A4	19.0	3	1.5'		Loose	BRN	SD MED-L6 GR, ANG	SM	U GOOD Aquifer
	20.0	4		TILL			med sorted		
	21.0	6	1.3'	20.0'	Frm	Gy-Ben	TILL - Clay w/ SCLT		Additional Spans
	22.0	8							Confirms Till
							Drill to 28' w/ Roller Bit		To Run 3"
							PIPE FOR Perm Test		

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

BORING MWS3A

PAGE 1 OF 3

* See Legend on Back

000851

BORING LOG

NUS CORPORATION

PROJECT: Byron Bannel
 PROJECT NO: L725/161-2LX
 ELEVATION: 641.50 6L
 WATER LEVEL DATA SEE P61
 (Date, Time & Conditions) 9/29/88

DATE: 9/29/88
 FIELD GEOLOGIST: M. Hicks
Sunny 60's

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		
							0835		
							PERM TEST @ 28'		
	28.0						1100		
3A5	29.0	18 20 21	0.5'		FRM	ROBEN	TILL MOSTLY CLAY	ML	MOIST
	30.0	23							
3A6	37.0	8 11	1.0'		FRM	ROBEN	TILL - SILTY CLAY; COBBLES	CL	MOIST
	38.0	17 19							
3A7	43.0	12 12	1.0'		FRM	(RO) BEN	TILL - SILTY CLAY	ML	AMOUNT CLAY LESS DENSE THAN GRMY SILTY MATER
	44.0	14 17							
				BRN Gy					
3A8	48.0	18 32	1.0'		VFRM	Gy	TILL DEC. CLAY INCR SILT + COBBLES	CL	
	49.0	100/5							

REMARKS _____

BORING MW3A

* See Legend on Back

BORING LOG

NUS CORPORATION

PROJECT: Dy 20x / Barrel
 PROJECT NO. L725 / 161-2026
 ELEVATION: 665.51 64
 WATER LEVEL DATA SEE PG. 1
 (Date, Time & Conditions) 10/4

DATE: 10/4/88
 FIELD GEOLOGIST: M. Hicks
DRIZ CLDY SO'S

BORING NO: 177W 417
 DRILLER: M. Seille

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	MATERIAL CLASSIFICATION			
	50.0					1050			
NA	51.0	NA	NA	RED GN	Frm	RED TILL mostly clay	MA		
	52.0								
	55.0						1130		
NA	56.0	NA	NA			Frm	RED TILL - clay w/slt	MA	cobbles present
	57.0								
	60.0								
NA	61.0	NA	NA			Frm	RED TILL ASYMET	MA	
	62.0								
	65.0								
NA	66.0	NA	NA			Frm	RED-64 TILL INCR SLT	MA	about cobbles
	67.0								
4A10	69.0	62 / 100%	0.5		Frm	64 TILL SLTY CLAY		" "	
	70.0								
NA	75.0	NA	NA		Frm	64 TILL about gravel	CL		

REMARKS _____

BORING 177W 417

* See Legend on Back

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. Seiler

CLAY 50s

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					0825 10/4/88			
4A5	26.0	NA	NA	SD 27.0'		NO SAMPLE DUE ABNT	-		
	27.0					BOULDERS			
	30.0						0840		
4A6	31.0	11 12	1.8'	TILL 44.0'	Loose	BRN SD F-VF GR. SBAmg	SM	V WET	
	32.0	17 15					med sorted		H2O @ 28-29'
	35.0						0850		
4A7	36.0	5 7	1.2'			Loose	BRN SD - VF - FGR, SLT	SM	BACK to 2" Spm
	37.0	8 8					med sorted		V. WET
	42.0						0905		
4A8	41.0	19 22	1.4'			Firm	BRN SD - VFGR Cobbles	CM	V. WET
	43.0	27 20					med sorted		
	45.0					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

* See Legend on Back

BORING LOG

NUS CORPORATION

PROJECT: Byrum Barrel & Drum

BORING NO: MW 4A

PROJECT NO: L725/1161-2LD6

DATE: 10/3/88

DRILLER: M. SCILLER

ELEVATION: 665.51 GL

FIELD GEOLOGIST: M. HICKS

WATER LEVEL DATA SEE WCS, LOG BOOK 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	1.0	NA	NA		Loose	DK BRN	SDW/MUCK	PT	
	5.0						1315		
4A1	6.0	12 11	0.5'		Loose	BRN	SD + cobbles ^{SM 70/100}	SM	Dry
	7.0	13 12					U poor sorting	GM	
	10.0						1345		
4A2	11.0	6 9	0.3'		Loose	BRN	SD + cobbles	GM	Dry
	12.0	11 10					V. poor sorting		V. Poor Returns
	15.0						1400		
4A3	16.0	23 30	1.5'		Loose	BRN	SD + cobbles	GM	Dry - went to
	17.0	22 19					poor sorting		3" spoon for better sample returns
	20.0						1410		
4A4	21.0		0.6'		Loose	BRN	Cobbles + SD	GM	INCOR cobbles
	22.0						poor sorting		RD SS
							Rig down from 1415 - 1730		
	25.0								

REMARKS 4 3/4" Augers ID, 8" OD CME 75 RIG

BORING MW 4A

* See Legend on Back

BORING LOG

NUS CORPORATION

PROJECT: Byram Barnel
 PROJECT NO: L725/1161-2406
 ELEVATION: 637.04 GL
 WATER LEVEL DATA SEE WCS, LOGBOOK
 (Date, Time & Conditions) 10/6/88

DATE: 10/6/88
 FIELD GEOLOGIST: M. TICKS

BORING NO: MWSA
 DRILLER: M. SCHUER

PT CITY SCS

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	SC	
				SD			Prep location to drill by capping		
							wind break struts 0830-1000		
				H2O			CLEAR LOCATION		
	5.0			3-4'			1030		
SA1	6.0	5/5	1.2'		Loose	GyBRN	SD w/interbed. clay	SC	WET
	7.0	2/10					M-poor sorted		
	10.0						1040		
SA2	11.0	3/2	2.0'		Loose	BRN	SD w/ABNT CLAY	SC	U. WET
	12.0	9/12		clay			UF GR 1-2" clay		
							STRINGERS		
	15.0						1050		
SA3	16.0	4/3	2.0'		Loose	BRN	SD - F-mgr Dec	SC	U. wet
	17.0	3/3					CLAY		
							med sorted		
	20.0						1100		
SA4	21.0	5/5	2.0'		Loose	BRN	SLTY SD	SM	
	22.0	5/5		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 MWSA

* See Legend on Back

BORING LOG

NUS CORPORATION

PROJECT: Byron Barrel
 PROJECT NO.: L725
 ELEVATION: 637.04 6L
 WATER LEVEL DATA SEE PG. 1
 (Date, Time & Conditions) 10/6

BORING NO.: MW517
 DRILLER: M. Seiler
 DATE: 10/6/88
 FIELD GEOLOGIST: M. Hicks
 CUDY 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						1115		
SPE	26.0	130/1	0.0'		FRM	Gy	TILL	SC	
	27.0								
	30.0	N/A	N/A	TD	FRM	Gy	Rocky TILL	CU	
N/A				30.0'			RUN PERM TEST FROM 1430-1600 ON TILL SECTION		23'-30'

REMARKS PLAN NOT TO DRILL TO BED ROCK ; RUN PERM TEST THEN SET WELL

BORING MW517

PAGE 2 OF 2

* See Legend on Back

000859

BORING LOG

NUS CORPORATION

PROJECT: Byron Barrel + Drum
 PROJECT NO.: L725/161-2CD6
 ELEVATION: 645.33 GL
 WATER LEVEL DATA SEE WLS, LOG BOOK
 (Date, Time & Conditions) pt CLD4 50's-60's

DATE: 10/17, 18/88
 FIELD GEOLOGIST: M. HICKS

BORING NO.: MW6A
 DRILLER: M. SEILLER

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	PK	
	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			GRAVEL			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	GP	U. WET
	17.0	4/5					GOOD AQUIFER	MCA 10/17	
	20.0						U poor sorted		
	21.0	5/3	0.6'		Loose		LG SD to GRAVEL	GP	U. WET
	22.0	4/4					GOOD AQUIFER	MCA 10/17	
							U. poor sorted		

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

BORING MW6A

PAGE 1 OF 2

* See Legend on Back

000860

BORING LOG

NUS CORPORATION

PROJECT: Byron Bannell + Drum
 PROJECT NO.: L725/161-2106
 ELEVATION: 645.33 64
 WATER LEVEL DATA see pg. 1
 (Date, Time & Conditions) 10/17-18/88

BORING NO: MW 6A
 DRILLER: M. SEILLER
 DATE: 10/18/88
 FIELD GEOLOGIST: M. HICKS
pt clay, 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		
	25.0						1400		
6A5	26.0	3/4	1.4'	TILL	LOOSE	BRN GY	SD-MD-LG GR Ang	GP	5me GRAVEL
	27.0	6/4					poor sorted		
							TILL - BRN GY COBBLES		
							TILL - BRN GY COBBLES STOP AUGERS @ 28'		
	30.0			27.0'			MUD DRILL STARTS @ 28' 1415		
6A6	31.0	37/100/1.5	0.5'	TD	V. Firm	BRN GY	TILL - SILT + CLAY	MH	MOIST
	32.0						V. FIRM + TIGHT		
							TD 33' w/ 2 1/16" roller bit		
				33'					

REMARKS Plan not to drill to bedrock @ this location

BORING MW/6A

* See Legend on Back

BORING LOG

NUS CORPORATION

PROJECT: Byron Barrel + Drum
 PROJECT NO.: L725/161-2426 DATE: 10/25/88
 ELEVATION: 638.98 GL FIELD GEOLOGIST: M. Hicks
 WATER LEVEL DATA see WCS, Logbook for details
 (Date, Time & Conditions) 10/29 pt cldy 50's.

BORING NO: MW7A
 DRILLER: M. SEILLETZ

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		
NA	NA	NA	NA		U LOOS	BLACK	MUCL	PE	ORGANIC
	5.0			H ₂ O 5.0'			1440		
7A1	6.0	7 8	1.2'		LOOSE	BRN	SD F-LG GR AN9	SW	U. WET
	7.0	8 10					Poor sorted		
	10.0						1445		
7A2	11.0	6 8	1.0'		LOOSE	BRN	SD w/ INCR. GRAVEL	GM	U. WET
	12.0	7 12		GRAVEL			U Poor sort		
	15.0			BED			1450		
7A3	16.0	4 3	2.0'		LOOSE		GRAVEL + SD	GM	ABNT H ₂ O
	17.0	4 6					U, Poor Sorted		
	20.0						1500		
7A4	21.0	4 2	1.2'		LOOSE		SD + GRAVEL	GM	ABNT H ₂ O
	22.0	4 4							
	23.0			TILL			1515		
7A5	24.0	52 75		23.0'	FRM	BRWGY	TILL - SCTY CLAY		
	25.0								

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

BORING MW7A

* See Legend on Back

CC3862

BORING LOG

NUS CORPORATION

PROJECT: Byron Barrel + Drum
 PROJECT NO: L725 / 161-24126
 ELEVATION: 638.98 GL
 WATER LEVEL DATA SEE PG. 1
 (Date, Time & Conditions) 10/19, 24/88

DATE: 10/19-25/88
 FIELD GEOLOGIST: M. Hicks

BORING NO: MW7A
 DRILLER: M. SEILLER

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	MATERIAL CLASSIFICATION		
	25.0							
7A6	29.0	100.4	0.4'			10/24/88 1100		
	30.0				V.Frm Gy	TILL SILTY CLAY w/ cobbles	CL	V. MOIST
	33.0							
7A7	34.0	100.4	1.4'			1255		
					V.Frm Gy	TILL SILTY CLAY w/ INCR COBBLES	CL	
	38.0	NA	NA					
NA	39.0				V.Frm Gy	TILL - SILTY CLAY Cobbles	CL	↑
	43.0	NA	NA					
NA	44.0				V.Frm Gy	TILL - SILTY CLAY Cobbles	CL	Sample Descriptions derived from cuttings in mud
	48.0	NA	NA					
NA	49.0				V.Frm Gy	TILL - A SAND	CL	↓

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

* See Legend on Back

000863

BORING LOG

NUS CORPORATION

PROJECT: Byrum 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 P 61

(Date, Time & Conditions) 10/24 ptcldy 40'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		
NA	53.0	NA	NA		U.Fem Gy		Till - U. SILTY CLAY	CL	
	54.0						w/abnt cobbles		
NA	58.0	NA	NA		U.Fem Gy		1400 Till - asabu	CL	
	59.0								
NA	63.0	NA	NA		U.FEM Gy		Till - Asabu	CL	
	64.0								
7AB	68.0	104.5	0.0'		U.Fem Gy		1420 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 77.0 CORE (72'-77') Gy-DKgy Ufirm-hd ARG. LS; some free CALC NO APPARENT ϕ ; THRU 1'-1.5' any observable fractures were infilled w/ calc strals

BORING MW7A

* See Legend on Back

PROJECT: Byron Barrel + Drum

BORING NO: MW8B

PROJECT NO: 6725/161-246

DATE: 10/25/88

DRILLER: M. SEILLER

ELEVATION: 639.76 66

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 (")	SAMPLE RECOVERY SAMPLE LENGTH	LITHOLOGY CHANGE (DEPTH FT.)	MATERIAL DESCRIPTION*			USCS	REMARKS
					SOIL DENSITY CONSISTENCY OR ROCK HARDNESS	COLOR	MATERIAL CLASSIFICATION		
NA					Loose	BLACK	1310 MUCK	PL	VERY ORGANIC
				SD 2.0'			↓		↓
NA	5.0	NA	NA		Loose	BRN	SD-FLOWING VFG-MGR SCLY POOR SORTING	SM	WET
							↓		↓
NA	10.0	NA	NA		Loose	BRN	SD-ASABU	SM	U. WET
							↓		↓
NA	15.0	NA	NA		Loose		SD-ASABU	SM	U. 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

BORING LOG

NUS CORPORATION

PROJECT: *Byron Barrel + Drum*

BORING NO: *MW9B*

PROJECT NO: *U225/161-24DG*

DATE: *10/27/88*

DRILLER: *M. SEILLER*

ELEVATION: *644.09 GL*

FIELD GEOLOGIST: *M. Nicks*

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

(Date, Time & Conditions) *10/27/88 40's 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		
							<i>0840</i>		
					<i>Loose</i>	<i>DK BRN</i>	<i>MOCK + SD - SCLY</i>	<i>PL</i>	<i>ORGANIC</i>
				<i>SD</i>					
				<i>2.5'</i>					
<i>NA</i>	<i>5.0</i>	<i>NA</i>	<i>NA</i>		<i>Loose</i>	<i>BRN</i>	<i>SD - SCLY in pt</i>	<i>Sm</i>	<i>WET</i>
<i>NA</i>	<i>10.0</i>	<i>NA</i>	<i>NA</i>		<i>Loose</i>	<i>BRN</i>	<i>SD - SCLY in pt</i>	<i>Sm</i>	<i>U. WET</i>
<i>NA</i>	<i>15.0</i>	<i>NA</i>	<i>NA</i>		<i>Loose</i>	<i>BRN</i>	<i>SD - SCLY in pt</i> <i>Flowing</i>	<i>Sm</i>	<i>U. WET</i>
<i>NA</i>	<i>20.0</i>	<i>NA</i>	<i>NA</i>		<i>Loose</i>	<i>BRN</i>	<i>SD - SCLY in pt</i> <i>Flowing</i>	<i>Sm</i>	<i>U. WET</i>
							<i>0915</i>		

REMARKS *SS Samples not taken due to Abant H2O + Flowing SD. Sample descriptions derived from boring material*

BORING *MW9B*

* See Legend on Back

BORING LOG

NUS CORPORATION

PROJECT: Byron Barrel + Drum

BORING NO: MW10B

PROJECT NO: L725/141-2LD6

DATE: 10/31/88

DRILLER: M. Seiler

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 (".)	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				1400		
					Loose	BRN	SD w/ GRAVEL + Abnt	GM	DRY
							SILT IN PT		↓
	5.0				Loose	BRN	SD w/ GRAVEL on	GP	MOIST
							INCREASE		↓
	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	GP	AS ABU
							1415		

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

BORING LOG

NUS CORPORATION

PROJECT: Byron Barnet + Drum

BORING NO: MW113

PROJECT NO: L725/161-2LD6

DATE: 11/1/89

DRILLER: M. SEILLER

ELEVATION: 636.26' 6L

FIELD GEOLOGIST: M. NICKS

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

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

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			
NA	1.0	NA	NA	SD 2.0'	Loose	BLK	0840 MUCK	PE	ORGANIC	
	5.0					Loose	BRN	SD W/SILT	SM	WET
	10.0					Loose	BRN	SD W/SILT FLOWING	SM	U.WET
✓	15.0	✓	✓			Loose	BRN	SD W/SILT FLOWING INCR. CLAY 0915	SM	U.WET

REMARKS SS SAMPLES NOT TAKEN DUE TO ABNT #20 + FLOWING NATURE OF SD.

BORING MW113

Sample Descriptions derived from Augered Material

* See Legend on Back

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000868

BORING LOG

NUS CORPORATION

PROJECT: Byron Barrel + Orum

BORING NO: MW12B

PROJECT NO: L725/161-246 DATE: 11/1/88

DRILLER: M. SEILLER

ELEVATION: 636.87 GL

FIELD GEOLOGIST: M. HICKS

WATER LEVEL DATA SEE WCS LOGBOOKS FOR DETAILS

(Date, Time & Conditions) 11/1/88 40's 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	-	NA	NA				1320		
					LOOSE	BLACK	MUCK		pk Organic
				2.0					↓
				2.0'					↓
	5.0				LOOSE	BRN	SD + SILT	Sm	WET
									↓
	10.0				LOOSE	BRN	SD + SILT		↓
							Flowing in PT	Sm	V. WET
									↓
✓	15.0	✓	✓		LOOSE	BRN	SD + SILT		↓
							Flowing in PT	Sm	V. WET
							1340		

REMARKS: 5 SAMPLES NOT TAKEN DUE TO ABNT H₂O + FLOWING NATURE
OF SD
DESCRIPTIONS MADE FROM AUGERED MATERIAL

BORING MW12B

PAGE 1 OF 1

* See Legend on Back

000869

BORING LOG

NUS CORPORATION

PROJECT: Byron Barret + Drum

BORING NO: MW13B

PROJECT NO: L725/141-2406 DATE: 11/2/88

DRILLER: M. SEILLER

ELEVATION: 636.28' GL

FIELD GEOLOGIST: M. Hicks

WATER LEVEL DATA SEE WCS, Logbooks for DETAILS (Water level well only)

(Date, Time & Conditions) 11/2/88

Cloudy/Windy 40S - Sme RAIN

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		
NA	1.0	NA	NA		Loose	BK	1000 muck	PE	Organic
				SD 2.0'					
	5.0				Loose	BEN	SD w/ CLAY + SILT FLOWING IN PT	SM	U. WET
	10.0				Loose	BEN	SD w/ CLAY CLAY on INCREASE	SM/SC	U. WET
V	15.0	V	V		Loose	BEN- Gy	SD w/ Abnt CLAY 1015	SC	WET

TILL
INTERLAYER

REMARKS: SAMPLES NOT TAKEN DUE TO ABNT H₂O

DESCRIPTIONS MADE FROM AUGERED MATERIAL

ABNT CLAY ENCOUNTERED 10.0'-15.0' INDICATING TILL

* See Legend on Back

AQUIFLET APPEARS TO BE PINCHING OUT IN THE
DIRECTION —

BORING MW13B

PAGE 1 OF 1

7050870

C

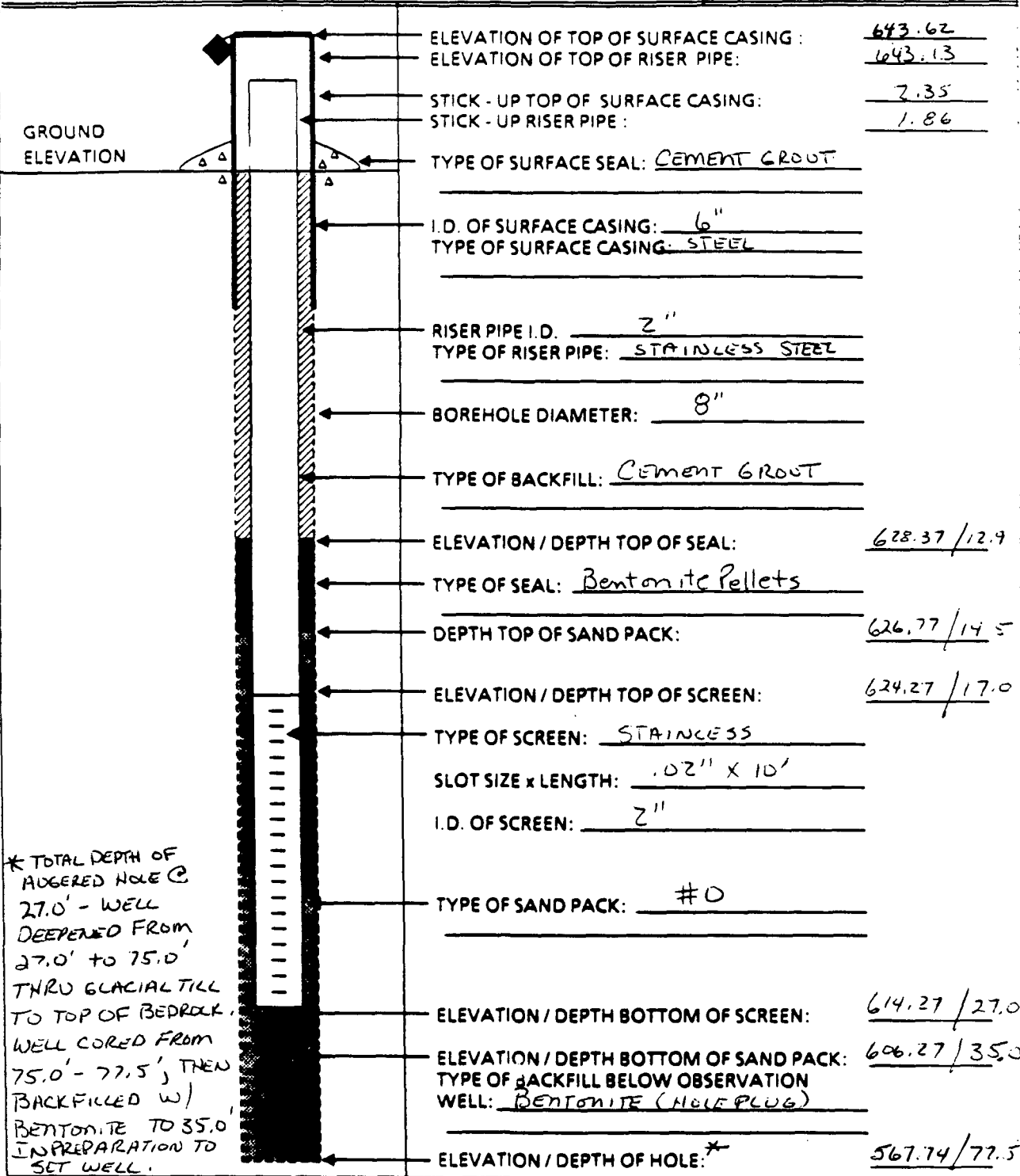
000872

APPENDIX C
MONITORING WELL CONSTRUCTION DIAGRAMS

000873

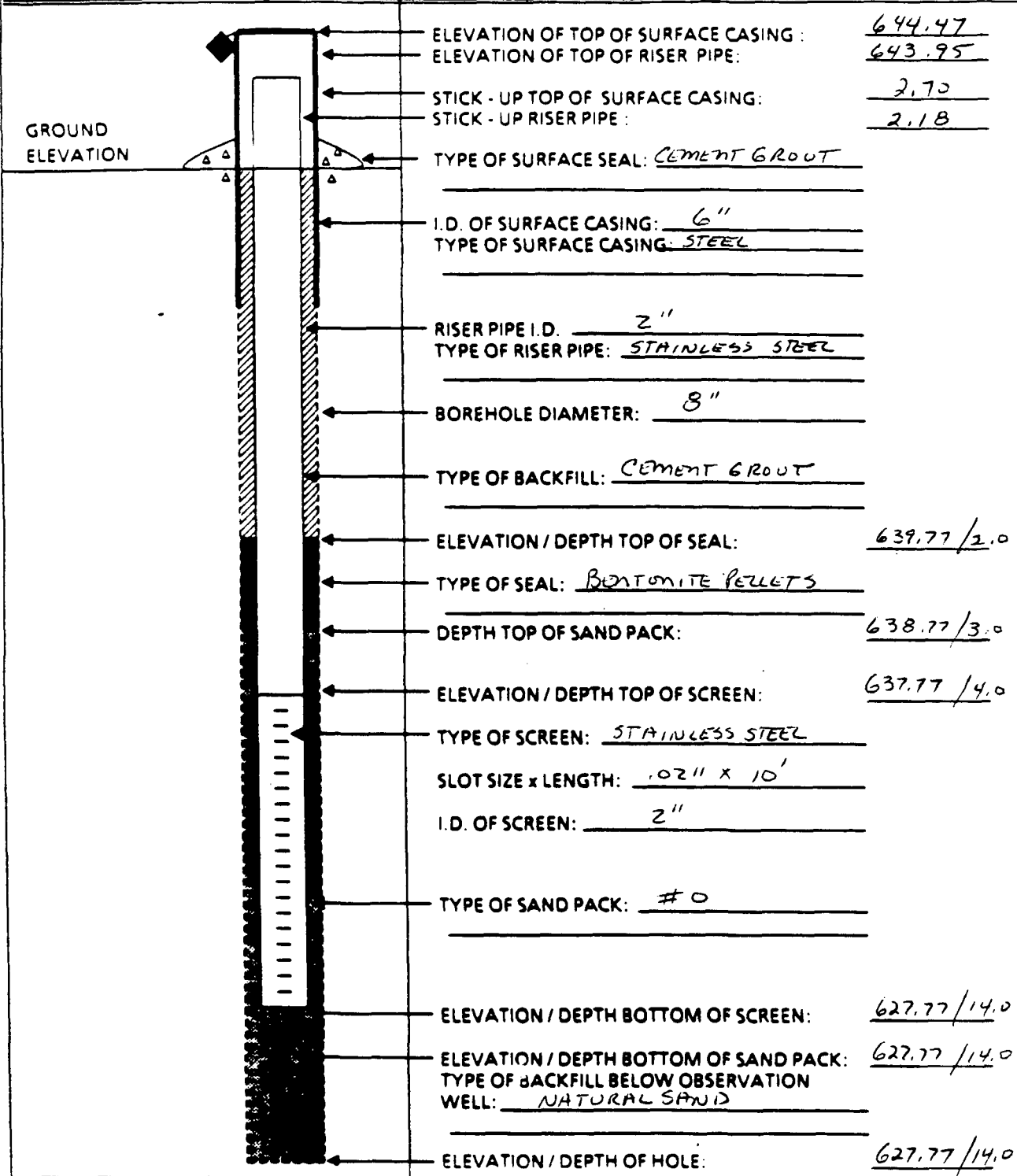
**OVERBURDEN
MONITORING WELL SHEET**

PROJECT <u>Byron Barrel + Drum</u>	LOCATION <u>Byron N.Y.</u>	DRILLER <u>B. Lambert</u>
PROJECT NO. <u>425/161-246</u>	BORING <u>MW1A</u>	DRILLING METHOD <u>Auger/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>		



**OVERBURDEN
MONITORING WELL SHEET**

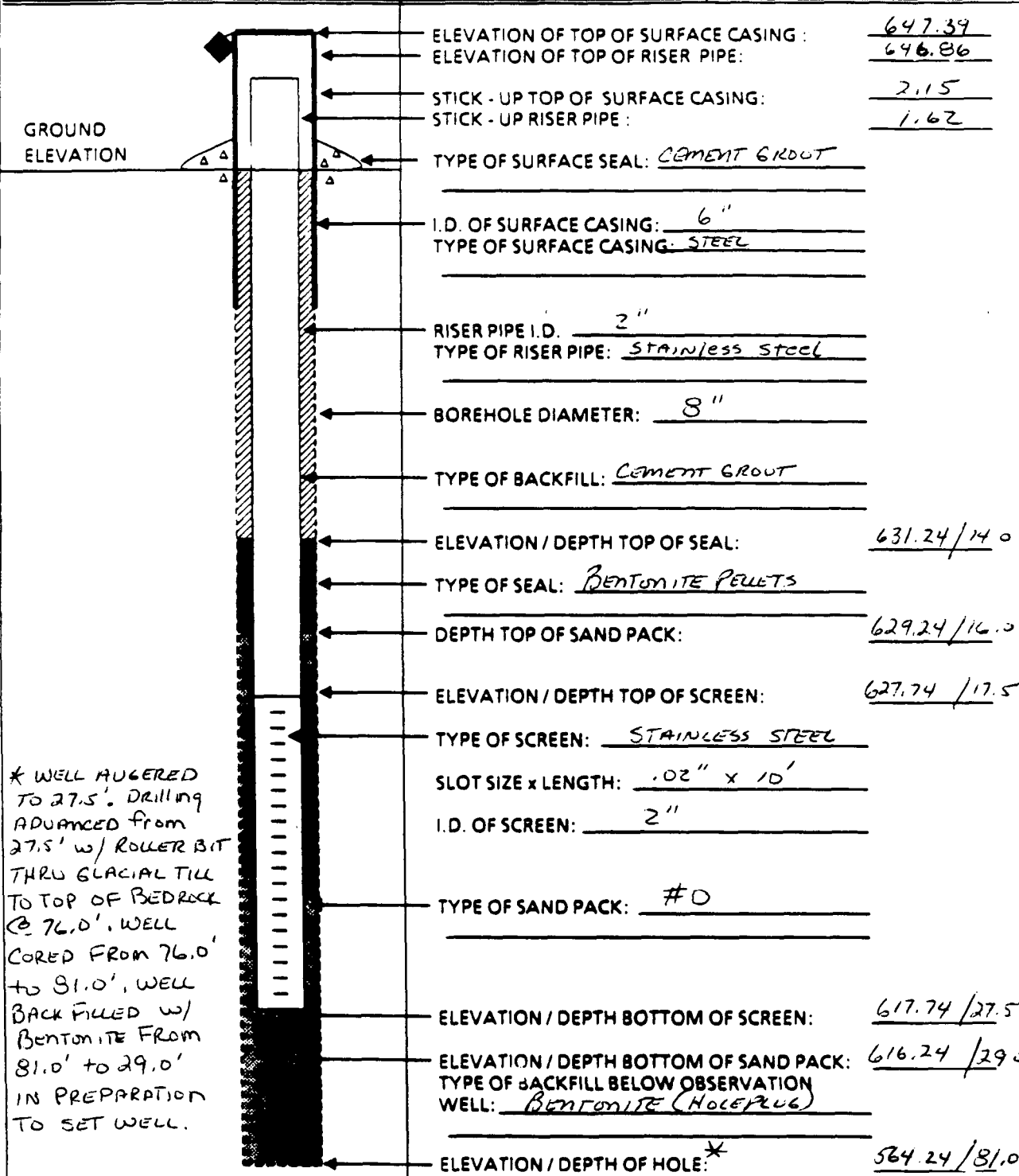
PROJECT <u>Byron Barrel & Drum</u>	LOCATION <u>Byron N.Y.</u>	DRILLER <u>B. LAMBERT</u>
PROJECT NO. <u>4725/161-2406</u>	BORING <u>MW1B</u>	DRILLING METHOD <u>AUGER</u>
ELEVATION <u>641.77'</u>	DATE <u>9/22/88</u>	DEVELOPMENT METHOD <u>PUMP</u>
FIELD GEOLOGIST <u>M. HICKS</u>		



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

**OVERBURDEN
MONITORING WELL SHEET**

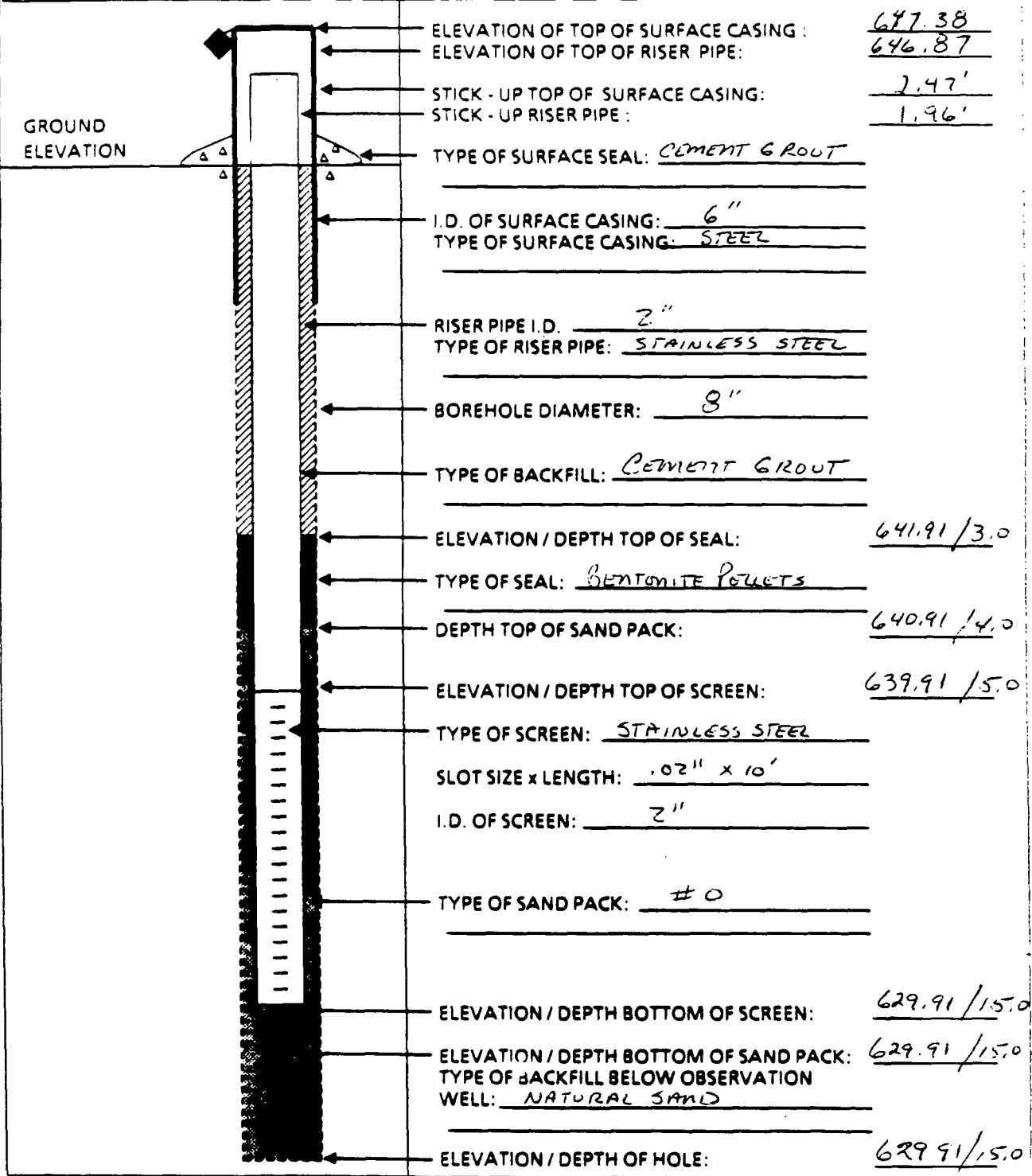
PROJECT <u>Byron Barrel + Drum</u>	LOCATION <u>Byron N.Y.</u>	DRILLER <u>B. Lambert</u>
PROJECT NO. <u>4725/101-2406</u>	BORING <u>MW 2A</u>	DRILLING METHOD <u>AUGER/MUD</u>
ELEVATION <u>645.24'</u>	DATE <u>9/28/88</u>	DEVELOPMENT METHOD <u>PUMP</u>
FIELD GEOLOGIST <u>M. Nicks</u>		



**OVERBURDEN
MONITORING WELL SHEET**

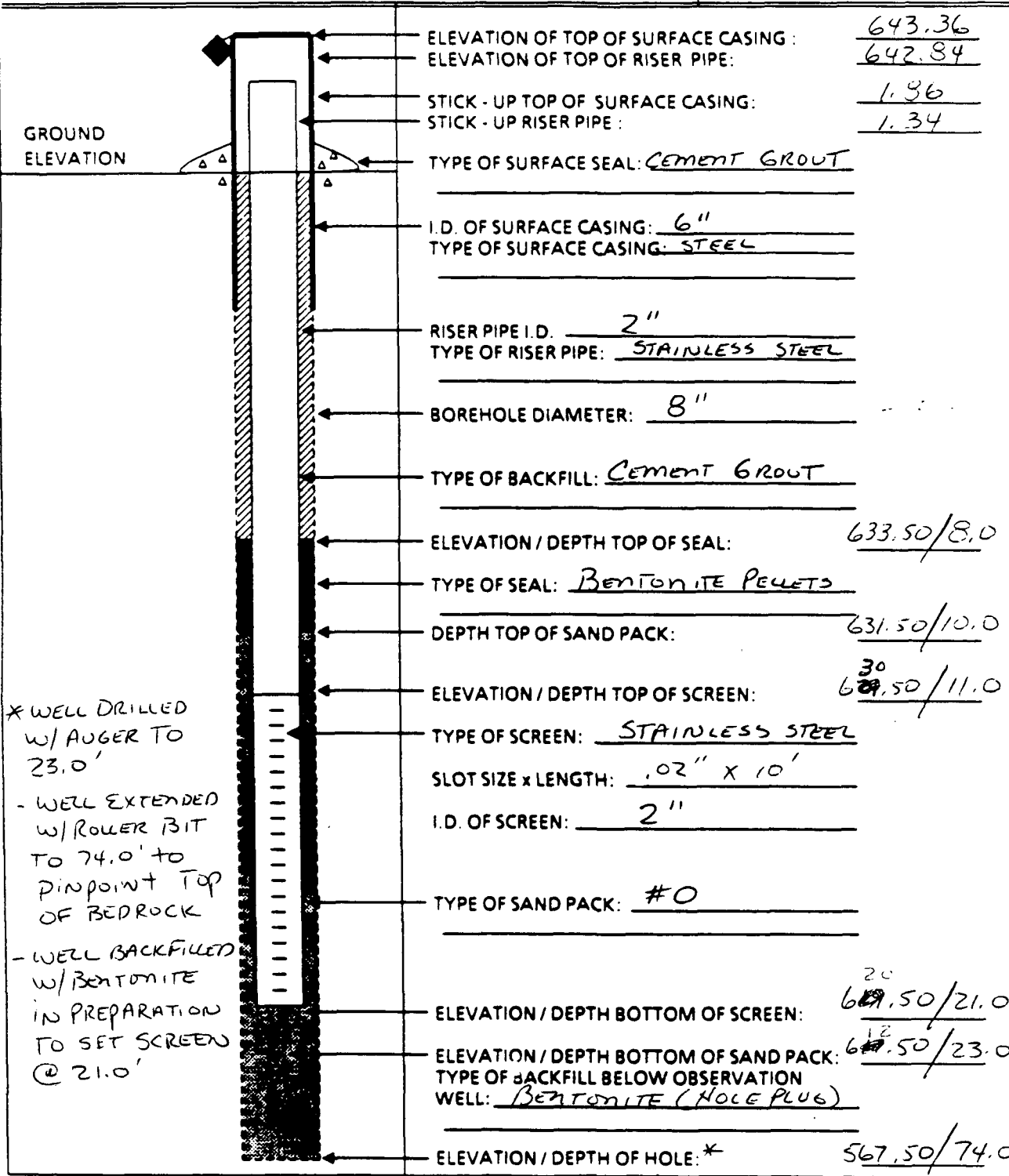
PROJECT Byron Barnett Dam LOCATION Byron Ny
 PROJECT NO. L725/161-2426 BORING MW213
 ELEVATION 644.91' DATE 9/23/88
 FIELD GEOLOGIST M. HICKS

DRILLER B. LAMBERT
 DRILLING METHOD AUGER
 DEVELOPMENT METHOD PUMP



**OVERBURDEN
MONITORING WELL SHEET**

PROJECT <u>Byram Barrel + Drum</u>	LOCATION <u>Byram N.Y.</u>	DRILLER <u>M. SEILER</u>
PROJECT NO. <u>4725/161-2LD6</u>	BORING <u>MW 3A</u>	DRILLING METHOD <u>AUGER</u>
ELEVATION <u>641.50</u>	DATE <u>9/29/88</u>	DEVELOPMENT METHOD <u>PUMP</u>
FIELD GEOLOGIST <u>M. HICKS</u>		



* WELL DRILLED
W/ AUGER TO
23.0'

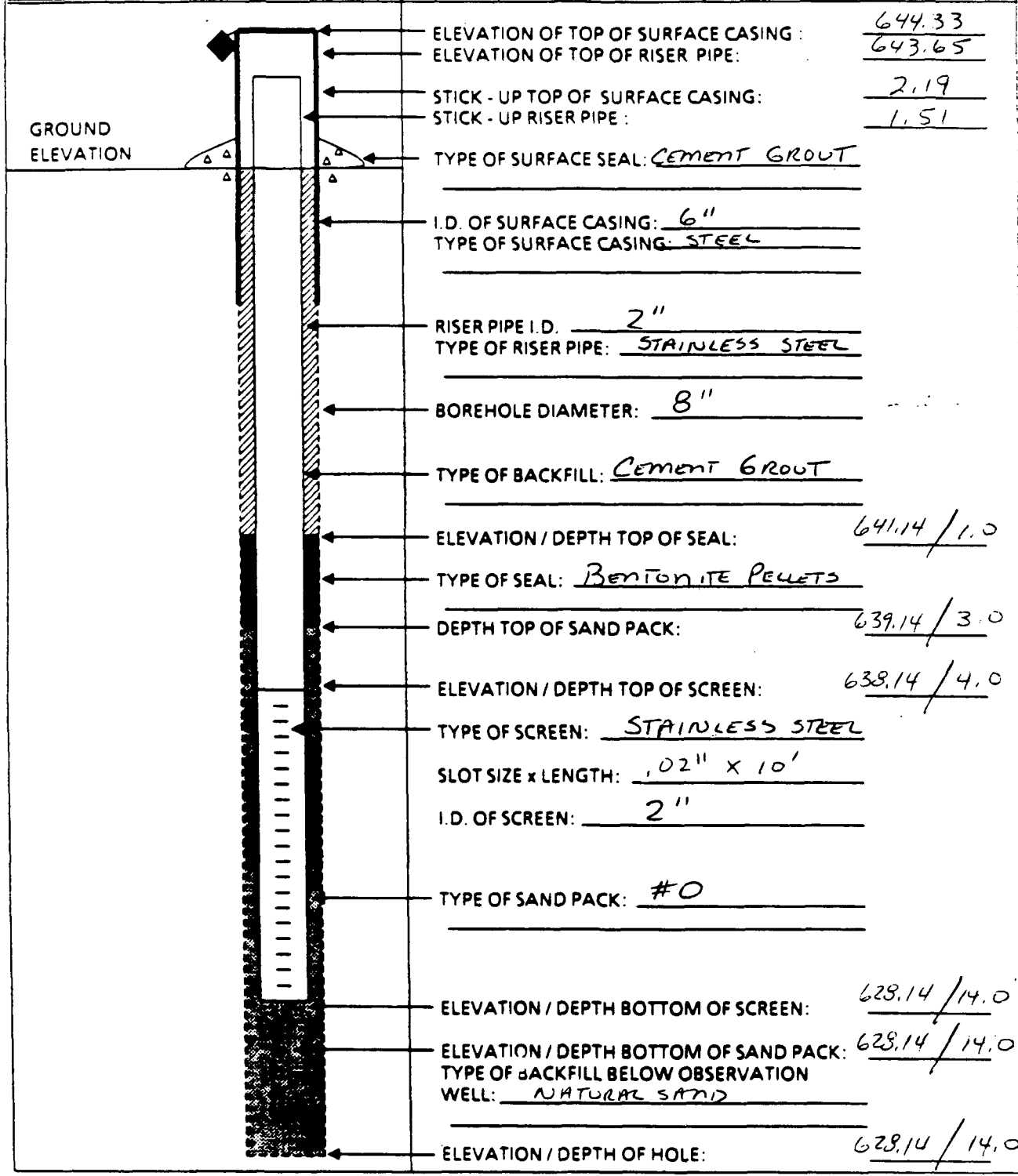
- WELL EXTENDED
W/ ROLLER BIT
TO 74.0' TO
PINPOINT TOP
OF BEDROCK

- WELL BACKFILLED
W/ BENTONITE
IN PREPARATION
TO SET SCREEN
@ 21.0'

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>

**OVERBURDEN
MONITORING WELL SHEET**

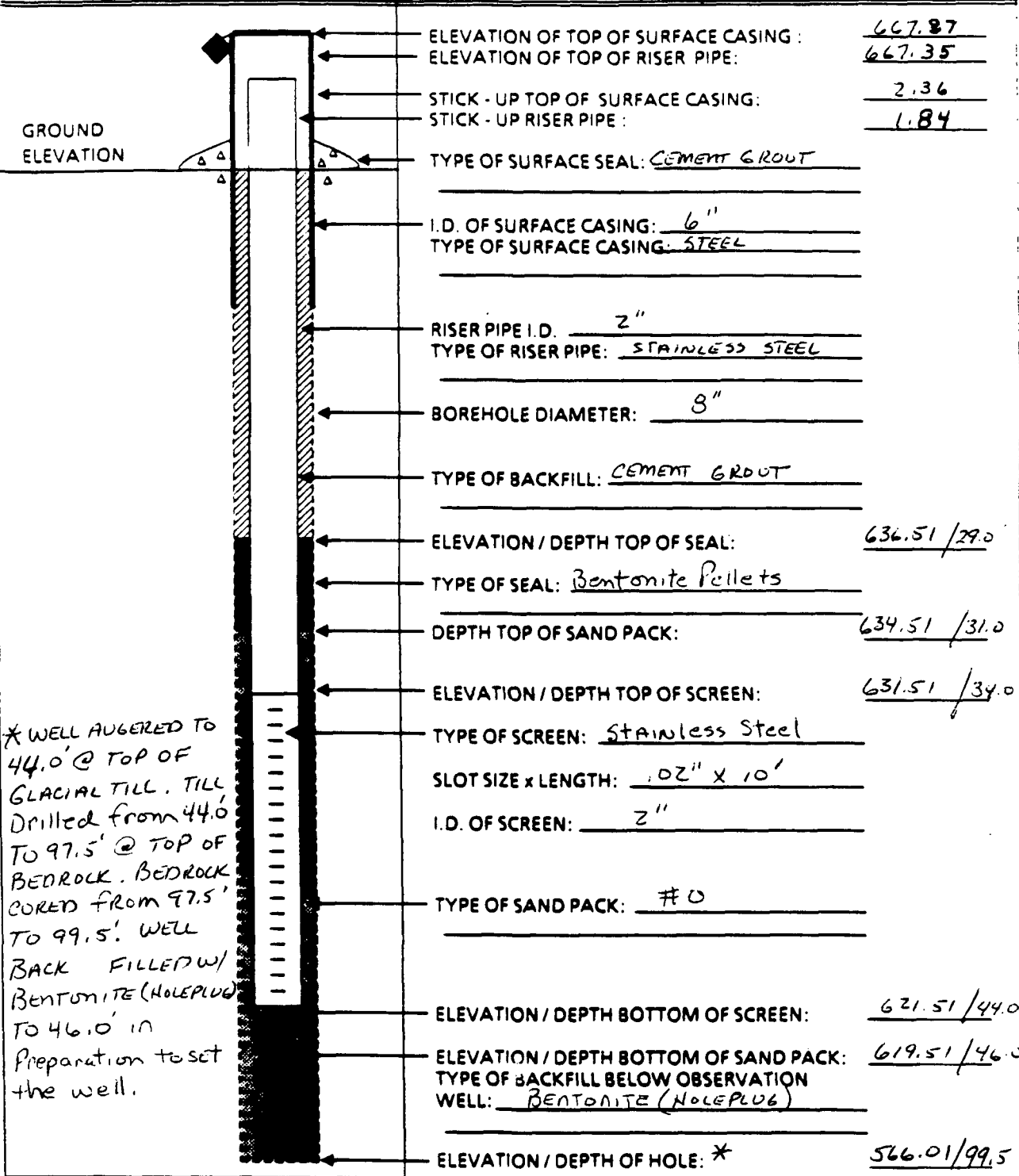
PROJECT <u>Byram Barrel + Drum</u>	LOCATION <u>Byram N.Y.</u>	DRILLER <u>M. SEILER</u>
PROJECT NO. <u>6725/161-2LD6</u>	BORING <u>MW</u>	DRILLING METHOD <u>AUGER</u>
ELEVATION <u>642.14'</u>	DATE <u>9/30/88</u>	DEVELOPMENT METHOD <u>PUMP</u>
FIELD GEOLOGIST <u>M. HICKS</u>		



ELEVATION OF TOP OF SURFACE CASING: 644.33
 ELEVATION OF TOP OF RISER PIPE: 643.65
 STICK - UP TOP OF SURFACE CASING: 2.19
 STICK - UP RISER PIPE: 1.51
 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: 641.14 / 1.0
 TYPE OF SEAL: BENTONITE PELLETS
 DEPTH TOP OF SAND PACK: 639.14 / 3.0
 ELEVATION / DEPTH TOP OF SCREEN: 638.14 / 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: 628.14 / 14.0
 ELEVATION / DEPTH BOTTOM OF SAND PACK: 628.14 / 14.0
 TYPE OF BACKFILL BELOW OBSERVATION WELL: NATURAL SAND
 ELEVATION / DEPTH OF HOLE: 628.14 / 14.0

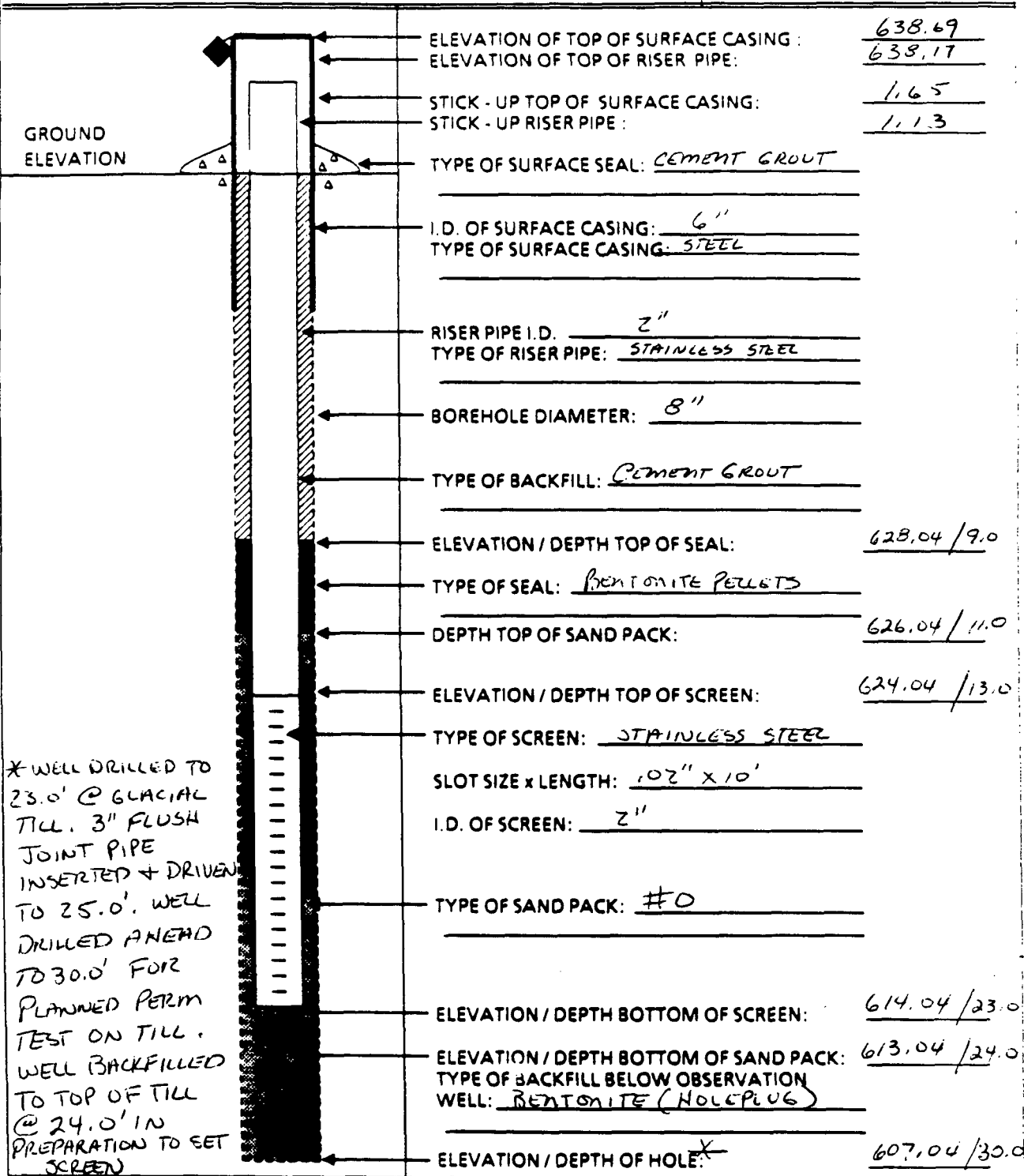
**OVERBURDEN
MONITORING WELL SHEET**

PROJECT <u>Byron Barrel + Drum</u>	LOCATION <u>Byron, N.Y.</u>	DRILLER <u>M. SEILLER</u>
PROJECT NO. <u>4725/101-2206</u>	BORING <u>MW4A</u>	DRILLING METHOD <u>AUGER/INDVD</u>
ELEVATION <u>665.51</u>	DATE <u>10/5/88</u>	DEVELOPMENT METHOD <u>APR</u>
FIELD GEOLOGIST <u>M. HICKS</u>		



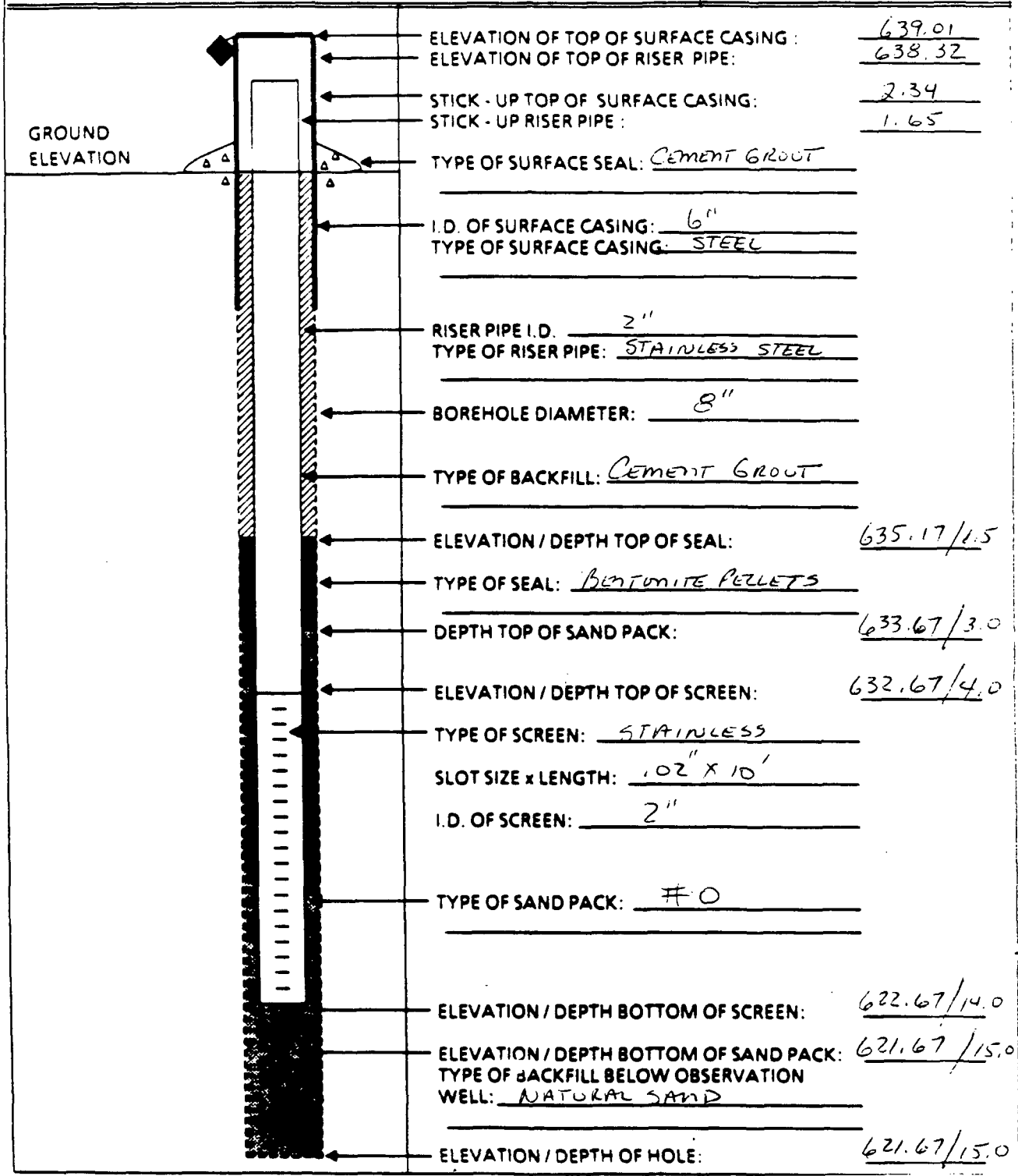
**OVERBURDEN
MONITORING WELL SHEET**

PROJECT <u>Byron Barrel + Drum</u>	LOCATION <u>Byron N.Y.</u>	DRILLER <u>M. SEILER</u>
PROJECT NO. <u>L725/101-2626</u>	BORING <u>MWSA</u>	DRILLING METHOD <u>AUGER</u>
ELEVATION <u>637.04'</u>	DATE <u>10/6/88</u>	DEVELOPMENT METHOD <u>PUMP</u>
FIELD GEOLOGIST <u>M. Hicks</u>		



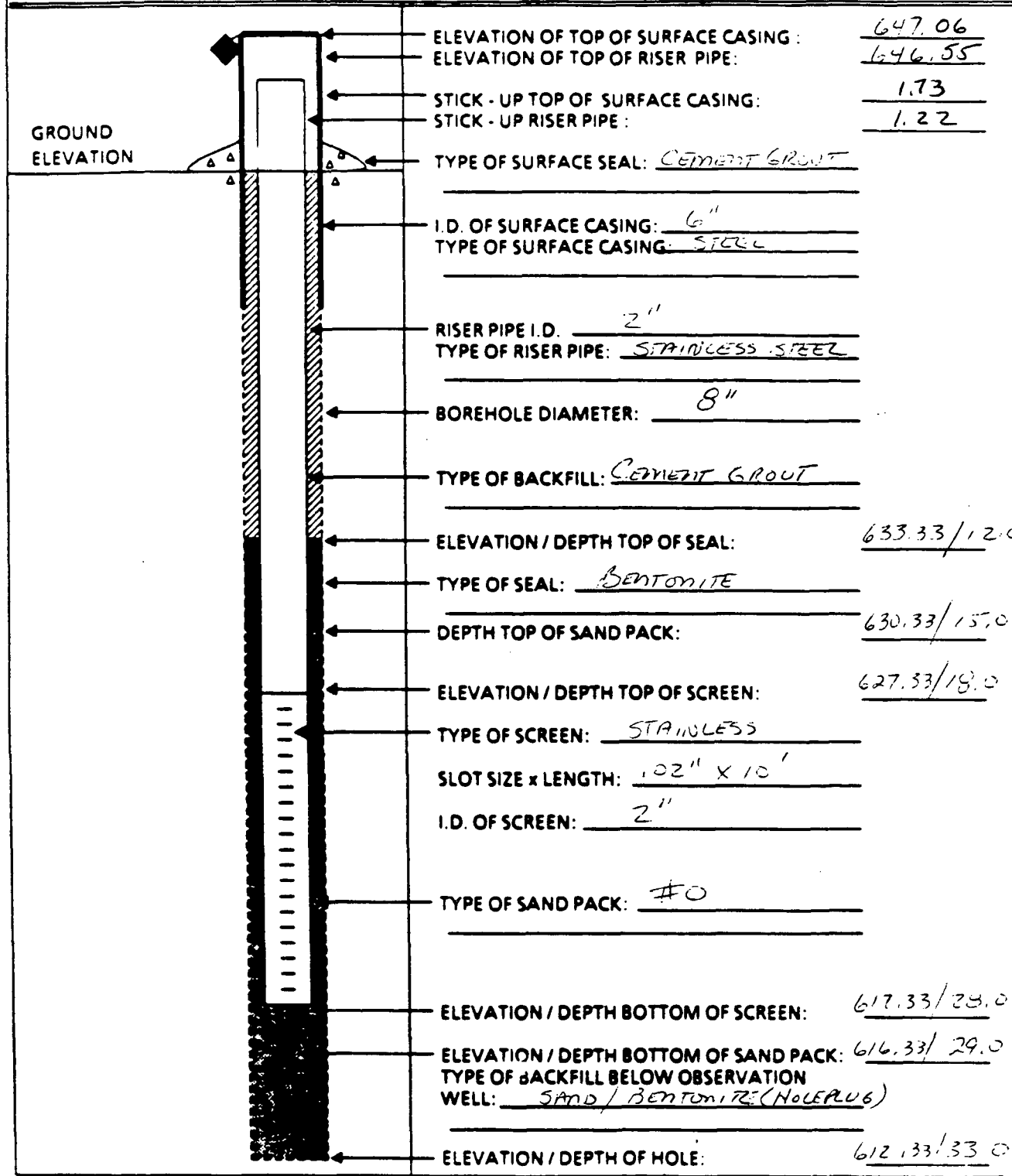
**OVERBURDEN
MONITORING WELL SHEET**

PROJECT <u>Byron Barrel + Drum</u>	LOCATION <u>Byron N.Y.</u>	DRILLER <u>M. SEILLER</u>
PROJECT NO. <u>4725(161-2406)</u>	BORING <u>MW513</u>	DRILLING METHOD <u>Auger</u>
ELEVATION <u>636.67'</u>	DATE <u>10/7/88</u>	DEVELOPMENT METHOD <u>PUMP</u>
FIELD GEOLOGIST <u>M. Hicks</u>		



**OVERBURDEN
MONITORING WELL SHEET**

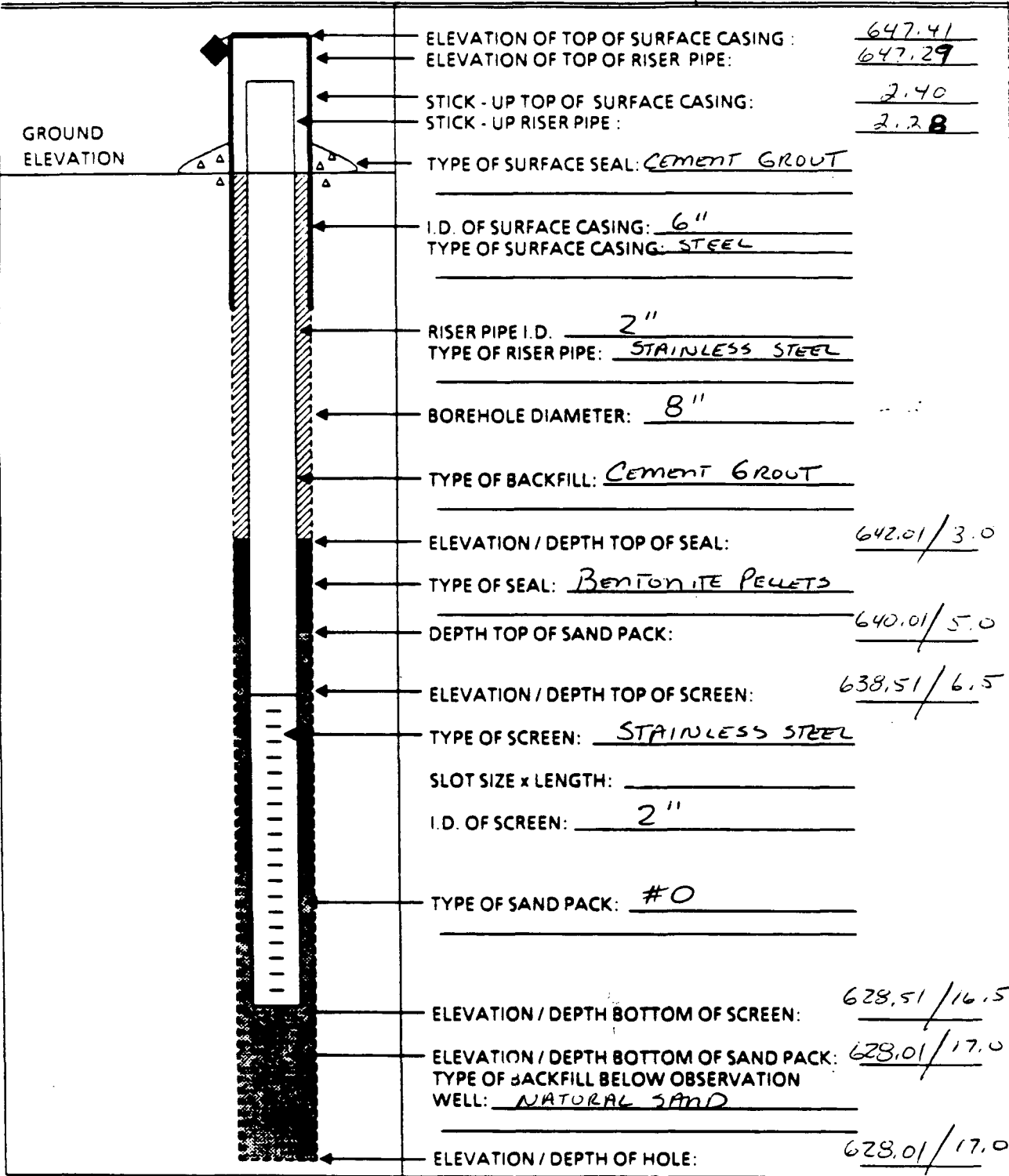
PROJECT <u>Byron Bannel + Drum</u>	LOCATION <u>Byron N.Y.</u>	DRILLER <u>M. SEILLER</u>
PROJECT NO. <u>L725/161-2426</u>	BORING <u>MUGA</u>	DRILLING METHOD <u>AUGER/MUD</u>
ELEVATION <u>645.33' GL</u>	DATE <u>10/18/89</u>	DEVELOPMENT METHOD <u>Pump</u>
FIELD GEOLOGIST <u>M. HICKS</u>		



**OVERBURDEN
MONITORING WELL SHEET**

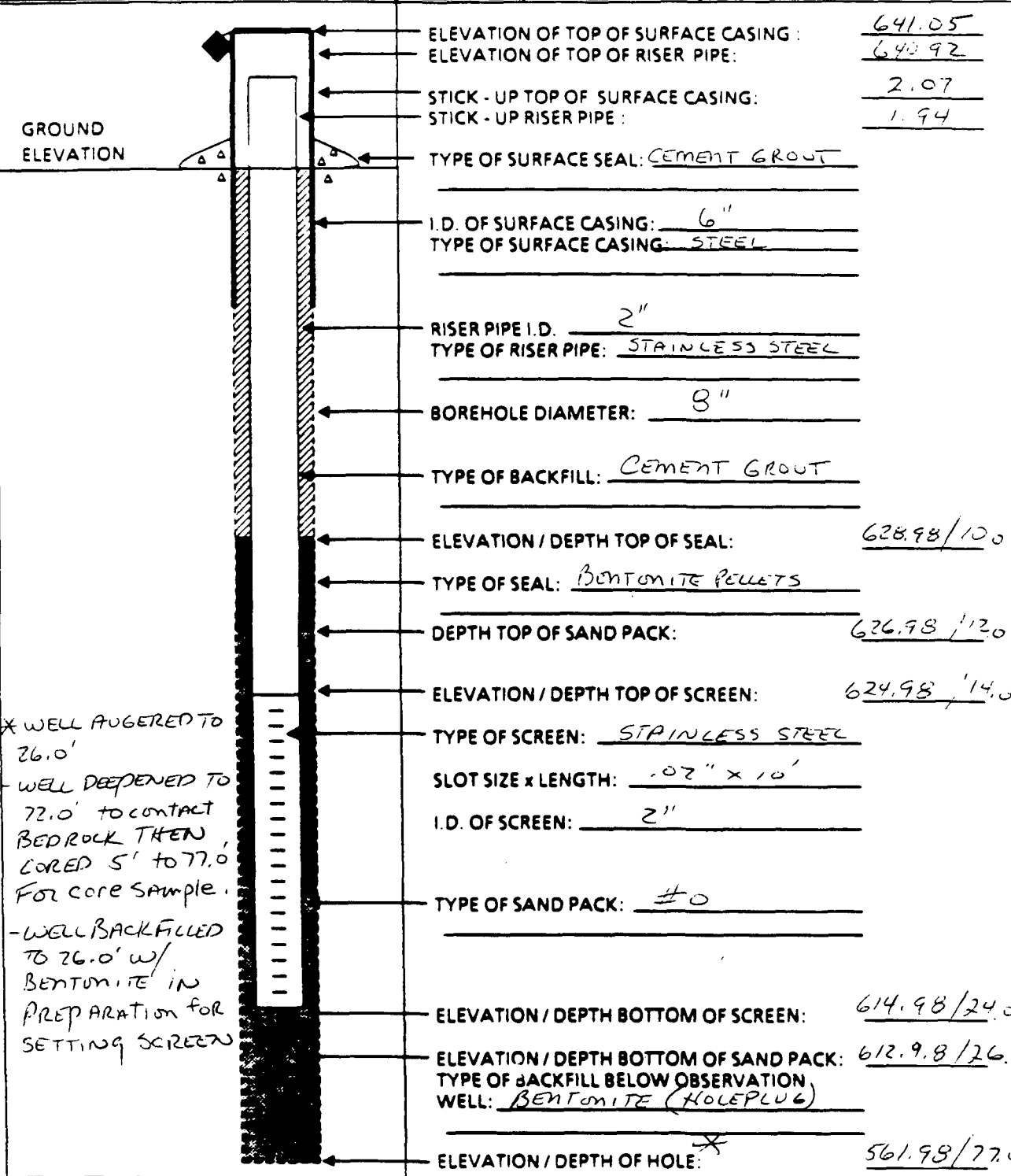
PROJECT Byram Barrel + Drum LOCATION Byram N.Y.
 PROJECT NO. 1725/161-2LD6 BORING MW
 ELEVATION 645.01' DATE 10/19/88
 FIELD GEOLOGIST M. Hicks

DRILLER M. SEILER
 DRILLING METHOD AUGER
 DEVELOPMENT METHOD Pump



**OVERBURDEN
MONITORING WELL SHEET**

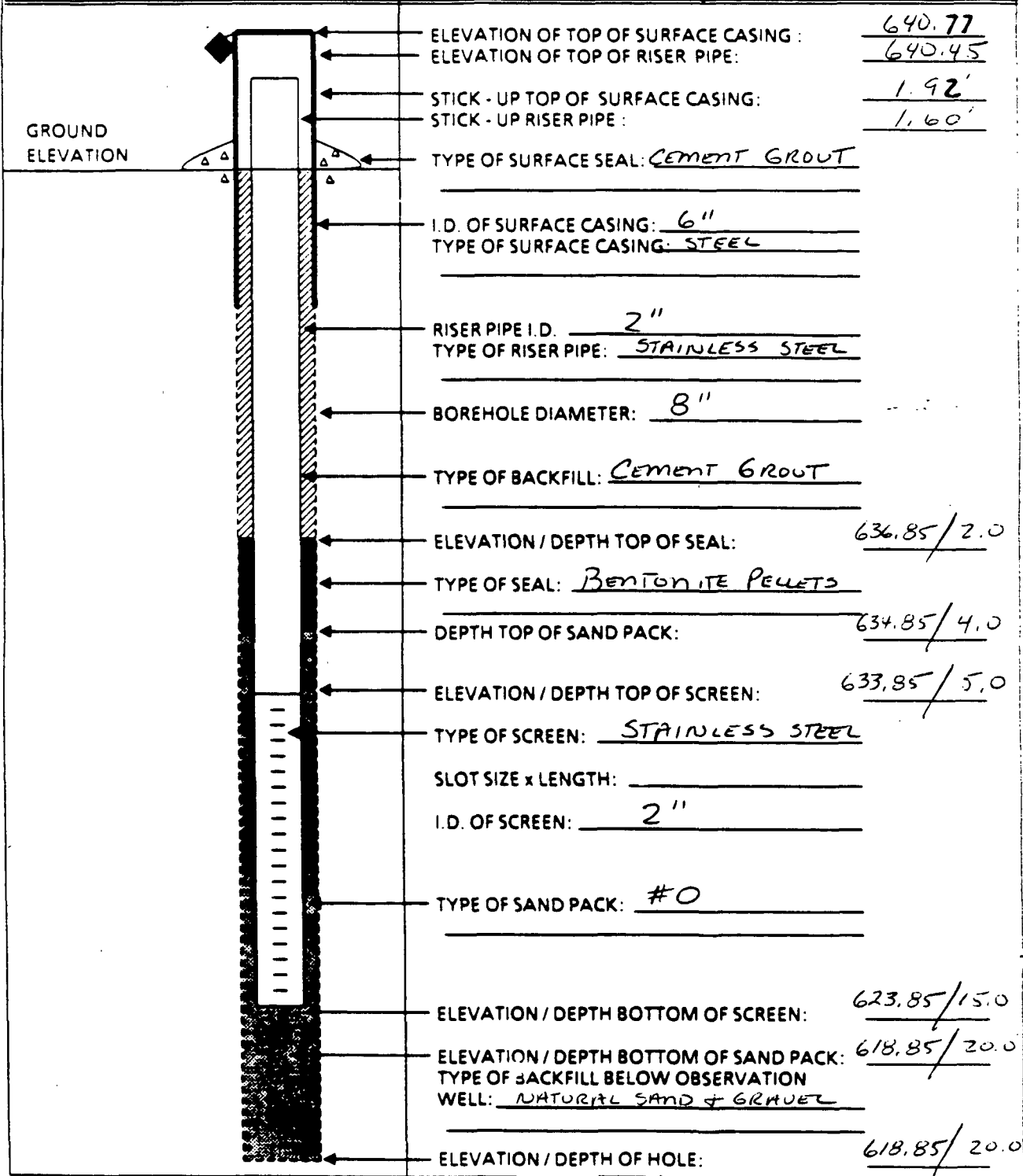
PROJECT <u>Byram Barrel + Down</u>	LOCATION <u>Byram N. 4</u>	DRILLER <u>M SEILLER</u>
PROJECT NO. <u>6725 (161-2026)</u>	BORING <u>MW7A</u>	DRILLING METHOD <u>AUGER/MUD</u>
ELEVATION <u>638.98'</u>	DATE <u>10/25/88</u>	DEVELOPMENT METHOD <u>PUMP</u>
FIELD GEOLOGIST <u>MN, ULS</u>		



**OVERBURDEN
MONITORING WELL SHEET**

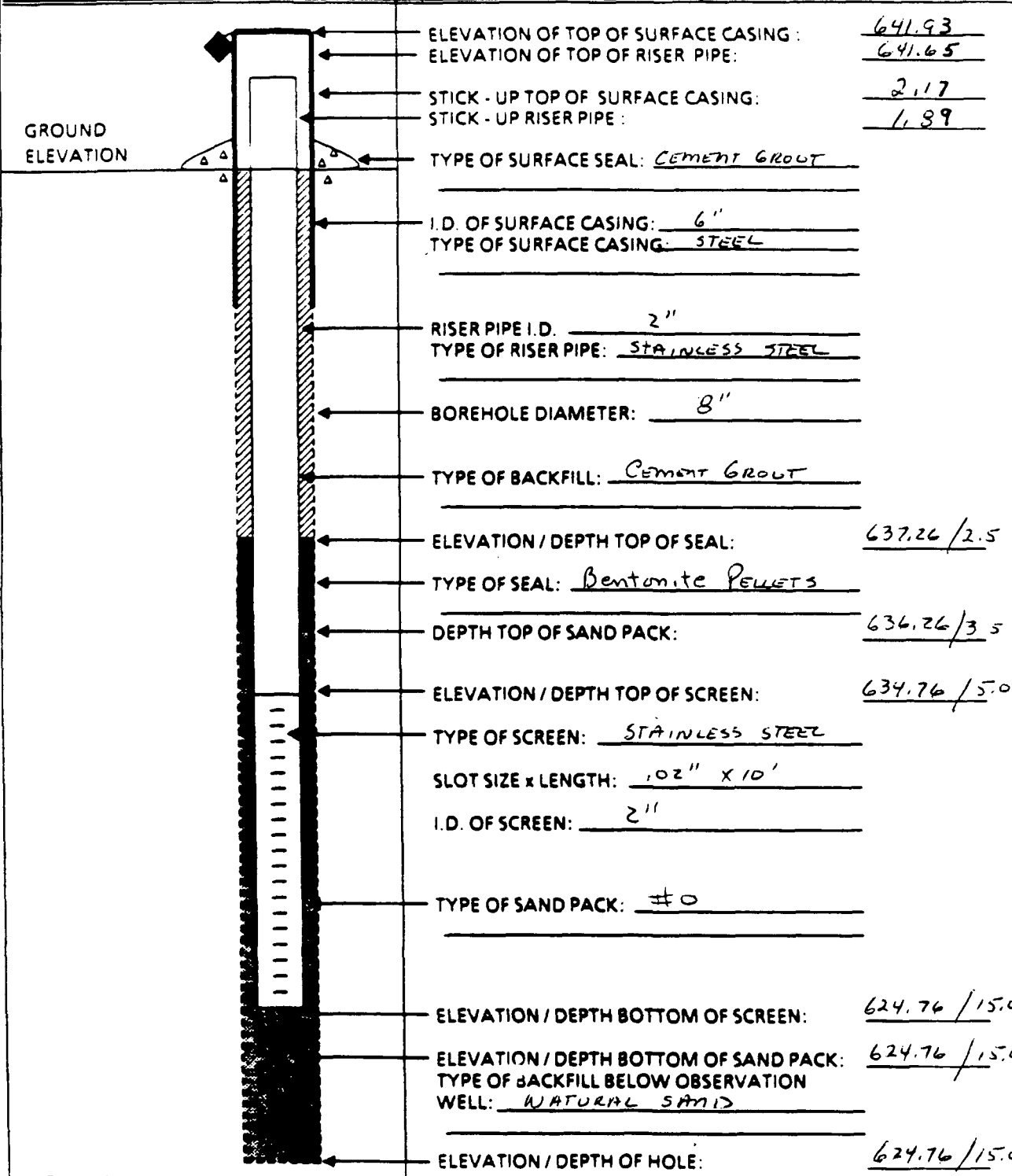
PROJECT Byron Barrel + Drum LOCATION Byron N.Y.
 PROJECT NO. 4725/161-24D6 BORING MW 7B
 ELEVATION 638.85' DATE 10/20/88
 FIELD GEOLOGIST M. HICKS

DRILLER M. SEILER
 DRILLING METHOD RUGER
 DEVELOPMENT METHOD PUMP



**OVERBURDEN
MONITORING WELL SHEET**

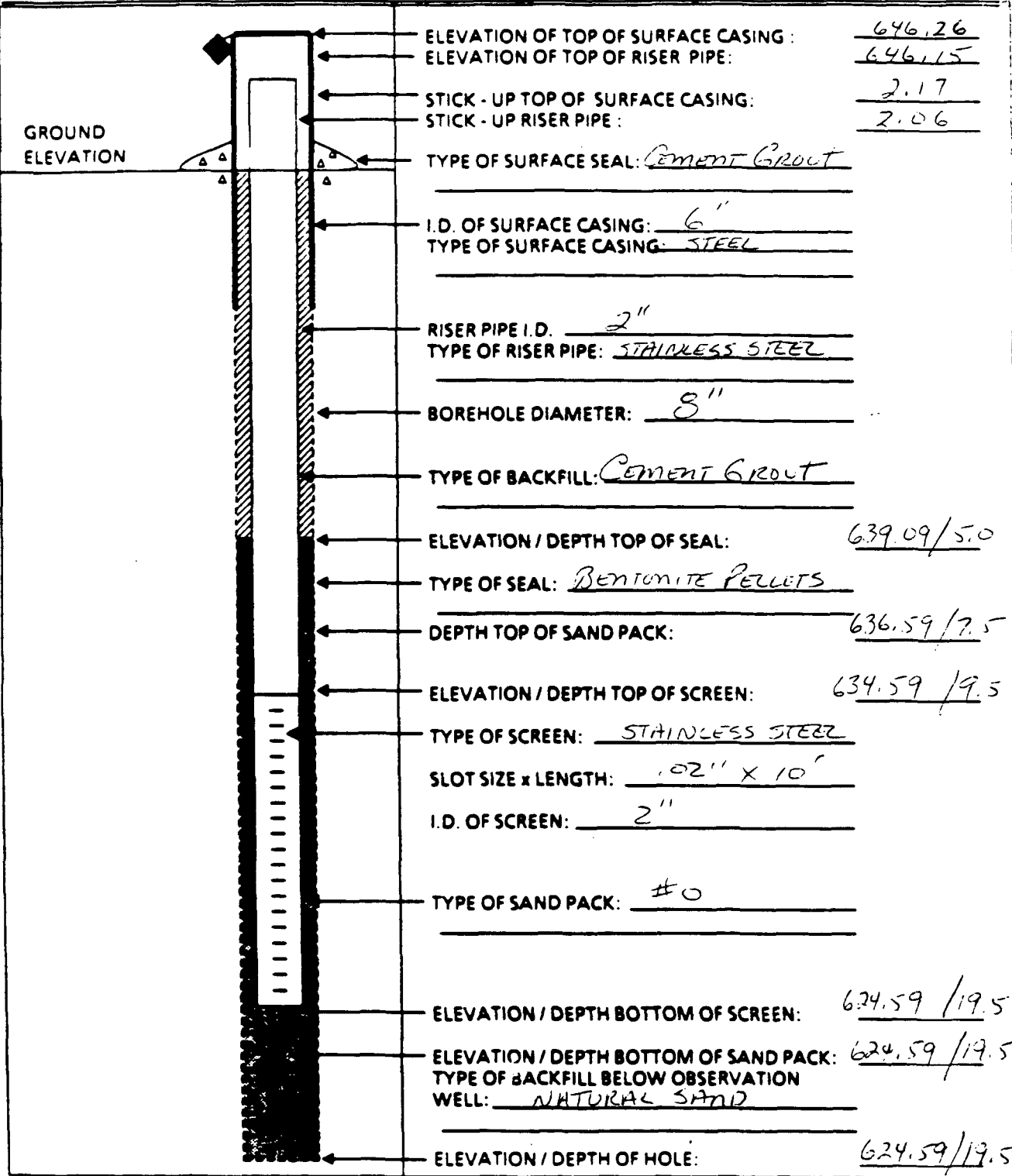
PROJECT <u>Byron Barrel + Drum</u>	LOCATION <u>Byron NY</u>	DRILLER <u>M. SEILER</u>
PROJECT NO. <u>6725 (161-2LD6)</u>	BORING <u>MW 813</u>	DRILLING METHOD <u>AUGER</u>
ELEVATION <u>639.76'</u>	DATE <u>10/25/88</u>	DEVELOPMENT METHOD <u>PUMP</u>
FIELD GEOLOGIST <u>M. NICKS</u>		



ELEVATION OF TOP OF SURFACE CASING: 641.93
 ELEVATION OF TOP OF RISER PIPE: 641.65
 STICK - UP TOP OF SURFACE CASING: 2.17
 STICK - UP RISER PIPE: 1.89
 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: 637.26 / 2.5
 TYPE OF SEAL: BENTONITE PELLETS
 DEPTH TOP OF SAND PACK: 636.26 / 3.5
 ELEVATION / DEPTH TOP OF SCREEN: 634.76 / 5.0
 TYPE OF SCREEN: STAINLESS STEEL
 SLOT SIZE x LENGTH: 1/32" x 10'
 I.D. OF SCREEN: 2"
 TYPE OF SAND PACK: #0
 ELEVATION / DEPTH BOTTOM OF SCREEN: 624.76 / 15.0
 ELEVATION / DEPTH BOTTOM OF SAND PACK: 624.76 / 15.0
 TYPE OF BACKFILL BELOW OBSERVATION WELL: NATURAL SAND
 ELEVATION / DEPTH OF HOLE: 624.76 / 15.0

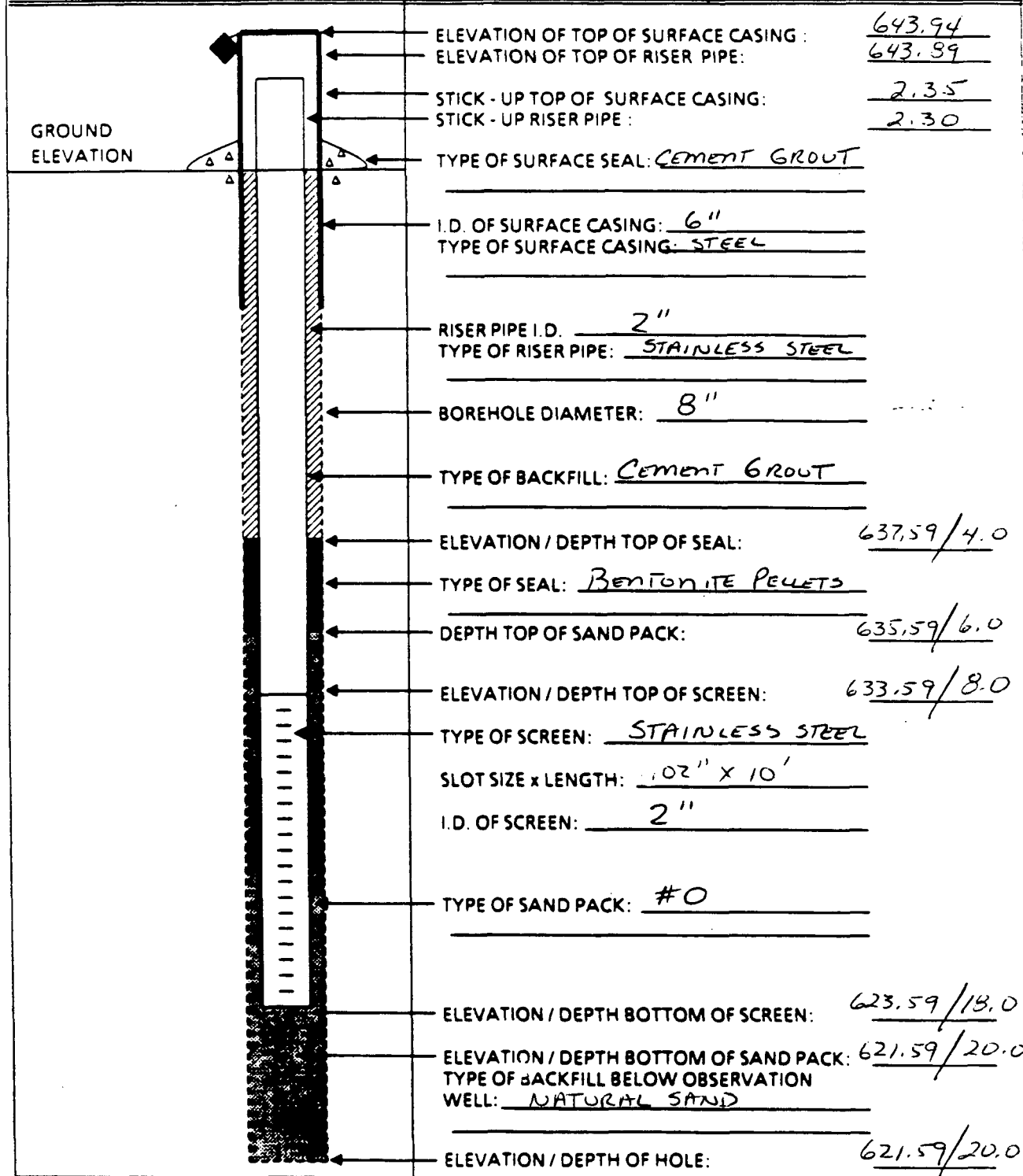
**OVERBURDEN
MONITORING WELL SHEET**

PROJECT Byron Barrel + Drum LOCATION Byron N.Y.
 PROJECT NO. L725/161-24DG BORING MW9B
 ELEVATION 644.09 64 DATE 10/25/88
 FIELD GEOLOGIST M. Hicks
 DRILLER M. SELLETT
 DRILLING METHOD Auger
 DEVELOPMENT METHOD Pump



**OVERBURDEN
MONITORING WELL SHEET**

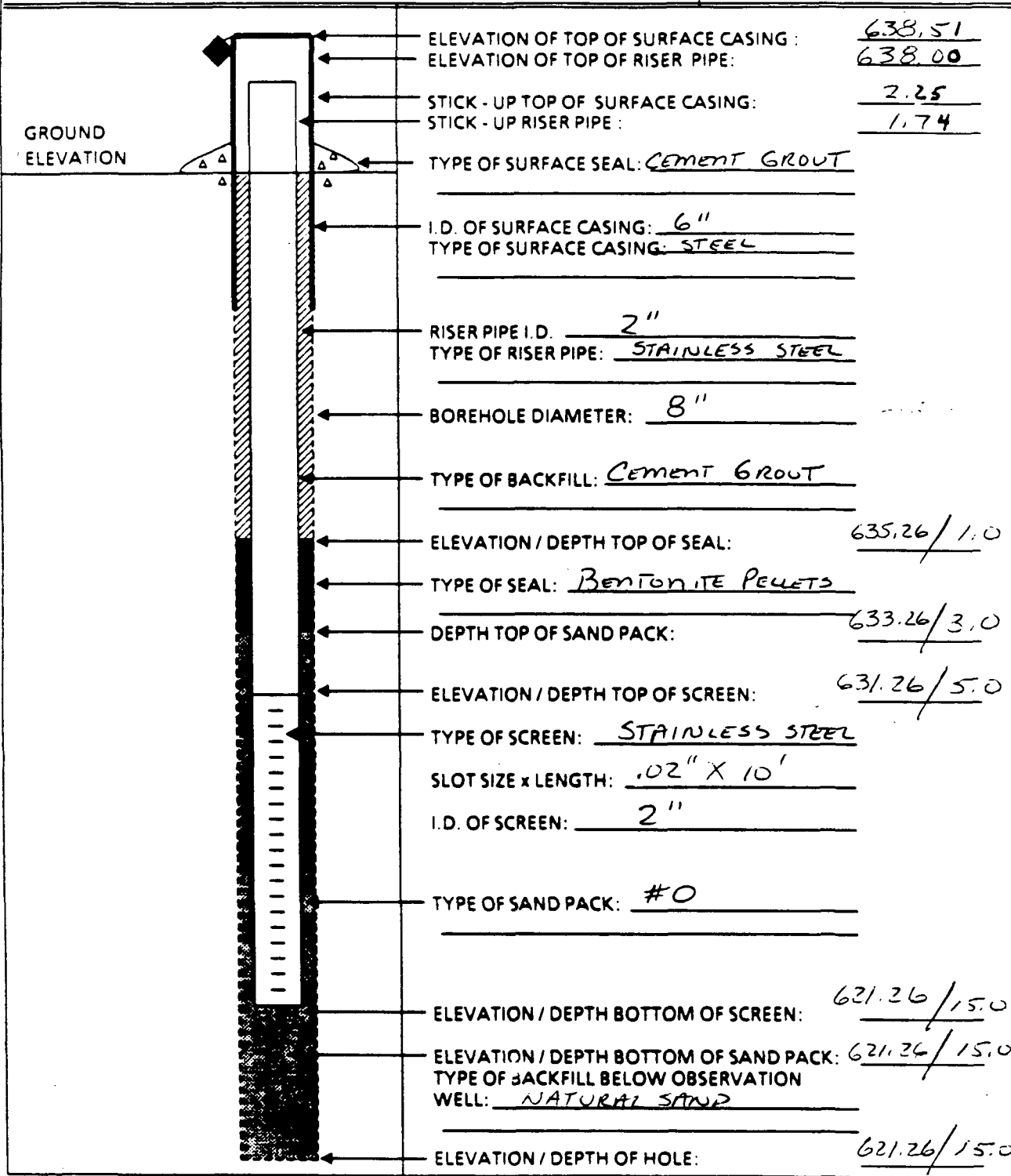
PROJECT <u>Byram Barrel + Drum</u>	LOCATION <u>Byram N.Y.</u>	DRILLER <u>M. SELLER</u>
PROJECT NO. <u>4725/161-2LD6</u>	BORING <u>MW103</u>	DRILLING METHOD <u>AUGER</u>
ELEVATION <u>641.59'</u>	DATE <u>10/31/88</u>	DEVELOPMENT METHOD <u>PUMP</u>
FIELD GEOLOGIST <u>M. HICKS</u>		



ELEVATION OF TOP OF SURFACE CASING: 643.94
 ELEVATION OF TOP OF RISER PIPE: 643.89
 STICK - UP TOP OF SURFACE CASING: 2.35
 STICK - UP RISER PIPE: 2.30
 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: 637.59/4.0
 TYPE OF SEAL: BENTONITE PELLETS
 DEPTH TOP OF SAND PACK: 635.59/6.0
 ELEVATION / DEPTH TOP OF SCREEN: 633.59/8.0
 TYPE OF SCREEN: STAINLESS STEEL
 SLOT SIZE x LENGTH: 102" x 10'
 I.D. OF SCREEN: 2"
 TYPE OF SAND PACK: #0
 ELEVATION / DEPTH BOTTOM OF SCREEN: 623.59/18.0
 ELEVATION / DEPTH BOTTOM OF SAND PACK: 621.59/20.0
 TYPE OF BACKFILL BELOW OBSERVATION WELL: NATURAL SAND
 ELEVATION / DEPTH OF HOLE: 621.59/20.0

**OVERBURDEN
MONITORING WELL SHEET**

PROJECT <u>Byram Barrel + Drum</u>	LOCATION <u>Byram N.Y.</u>	DRILLER <u>M. SEILER</u>
PROJECT NO. <u>L725/161-2406</u>	BORING <u>MW11B</u>	DRILLING METHOD <u>Auger</u>
ELEVATION <u>636.26'</u>	DATE <u>11/1/88</u>	DEVELOPMENT METHOD <u>Pump</u>
FIELD GEOLOGIST <u>M. Hicks</u>		

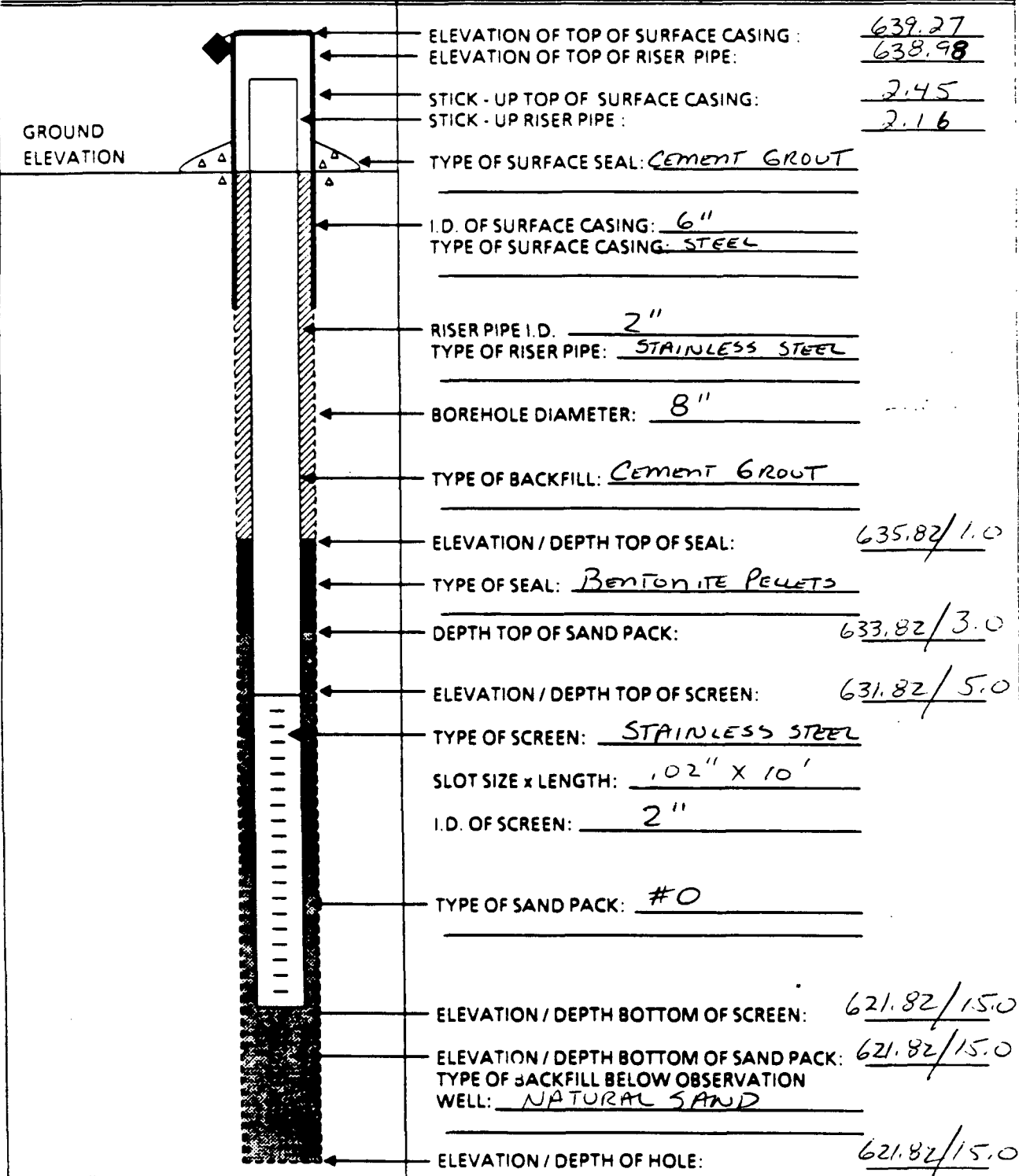


ELEVATION OF TOP OF SURFACE CASING: 638.51
 ELEVATION OF TOP OF RISER PIPE: 638.00
 STICK - UP TOP OF SURFACE CASING: 2.25
 STICK - UP RISER PIPE: 1.74
 TYPE OF SURFACE SEAL: CEMENT GROUT
 I.D. OF SURFACE CASING: 6"
 TYPE OF SURFACE CASING: STEEL
 RISER PIPE I.D.: 2"
 TYPE OF RISER PIPE: STAINLESS STEEL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

**OVERBURDEN
MONITORING WELL SHEET**

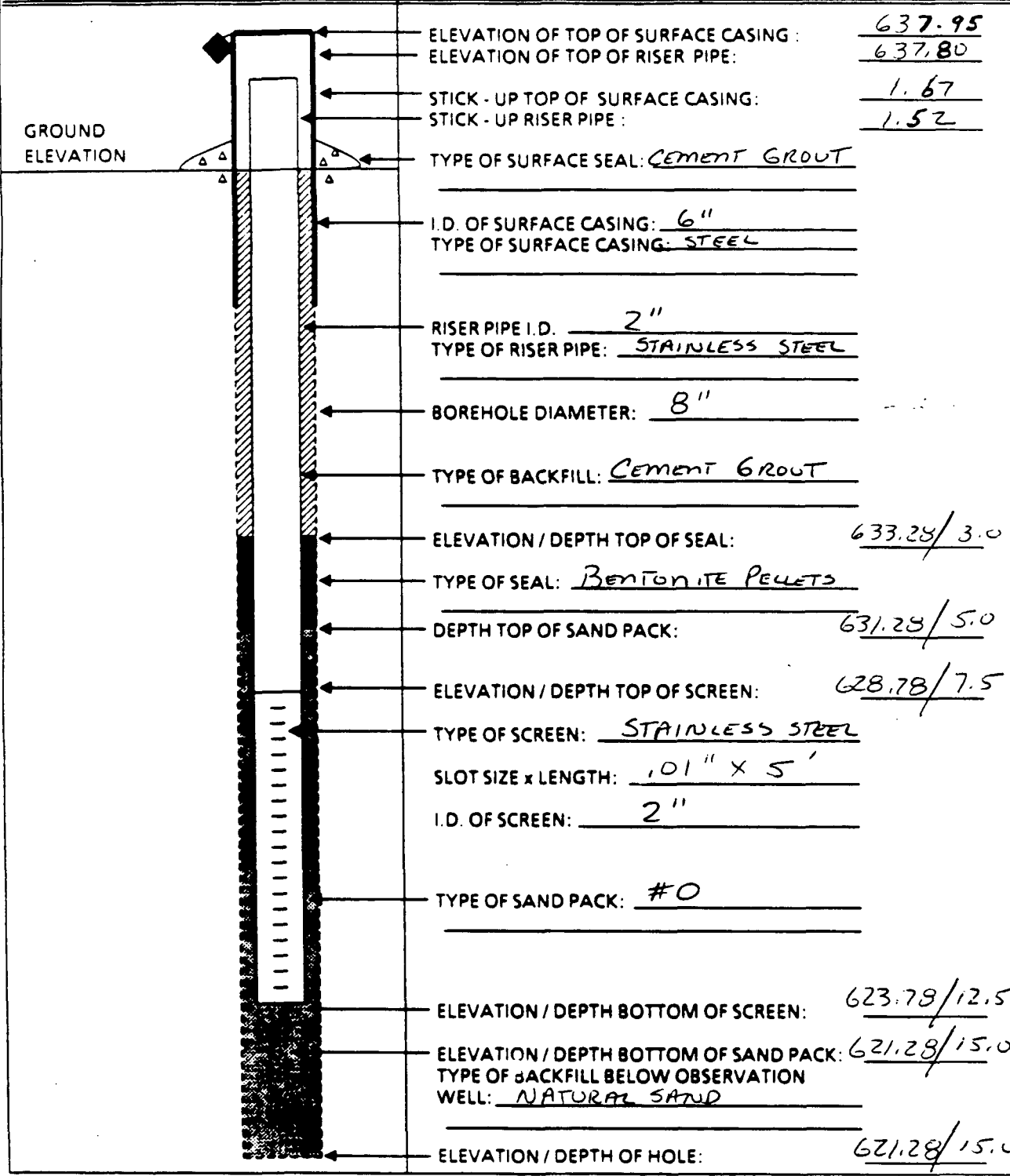
PROJECT Byram Barrel + Drum LOCATION Byram N.Y.
 PROJECT NO. 4725/161-2406 BORING MW 12B
 ELEVATION 636.82 DATE 11/1/88
 FIELD GEOLOGIST M. Hicks

DRILLER M. SEILER
 DRILLING METHOD Auger
 DEVELOPMENT METHOD Pump



**OVERBURDEN
MONITORING WELL SHEET**

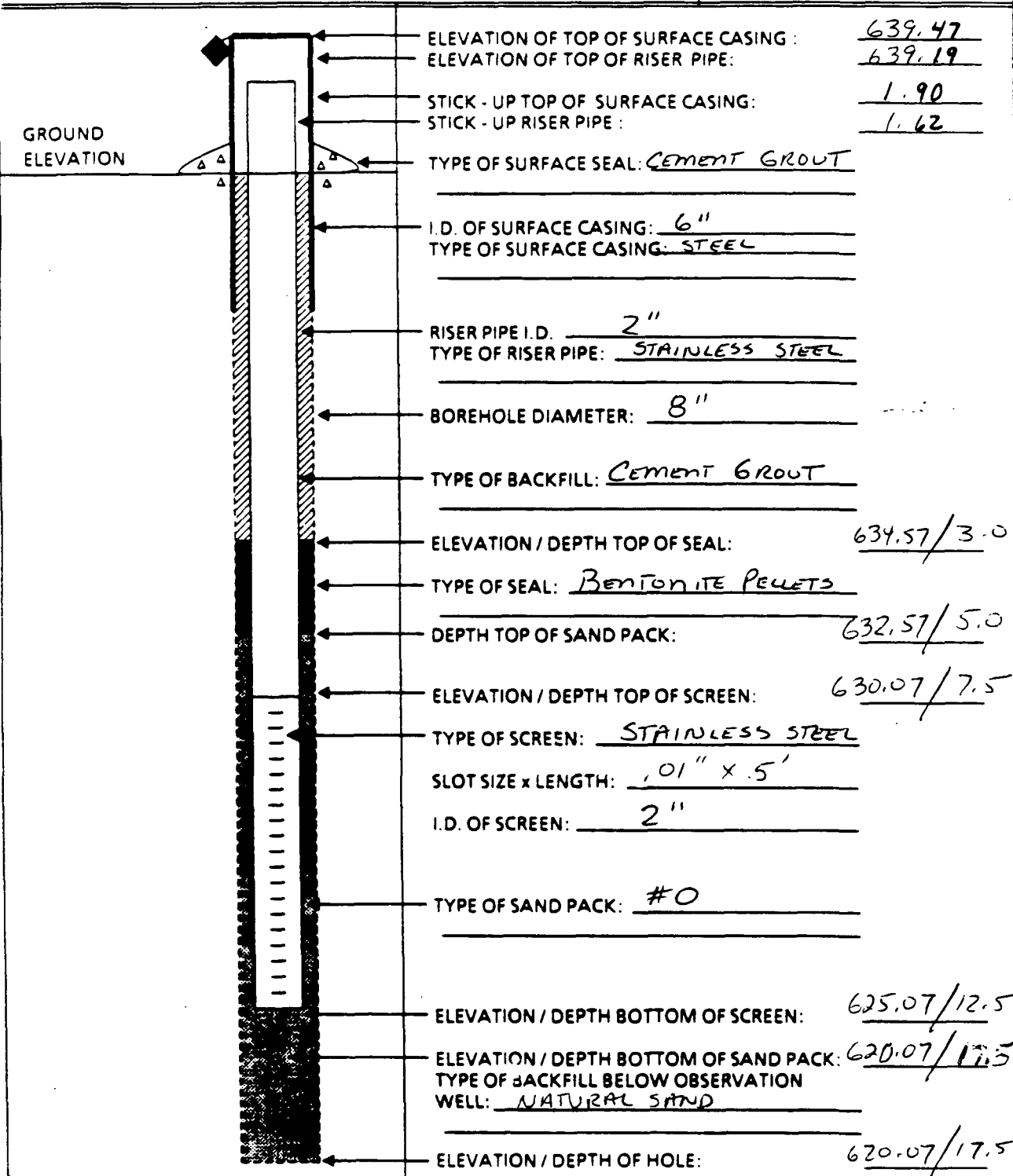
PROJECT <u>Byrum Barrel + Drum</u>	LOCATION <u>Byrum N.Y.</u>	DRILLER <u>M. SEILER</u>
PROJECT NO. <u>4725/161-2406</u>	BORING <u>MW 133</u>	DRILLING METHOD <u>AUGER</u>
ELEVATION <u>636.28'</u>	DATE <u>11/2/88</u>	DEVELOPMENT METHOD <u>PUMP/BAIL</u>
FIELD GEOLOGIST <u>M. HICKS</u>		



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

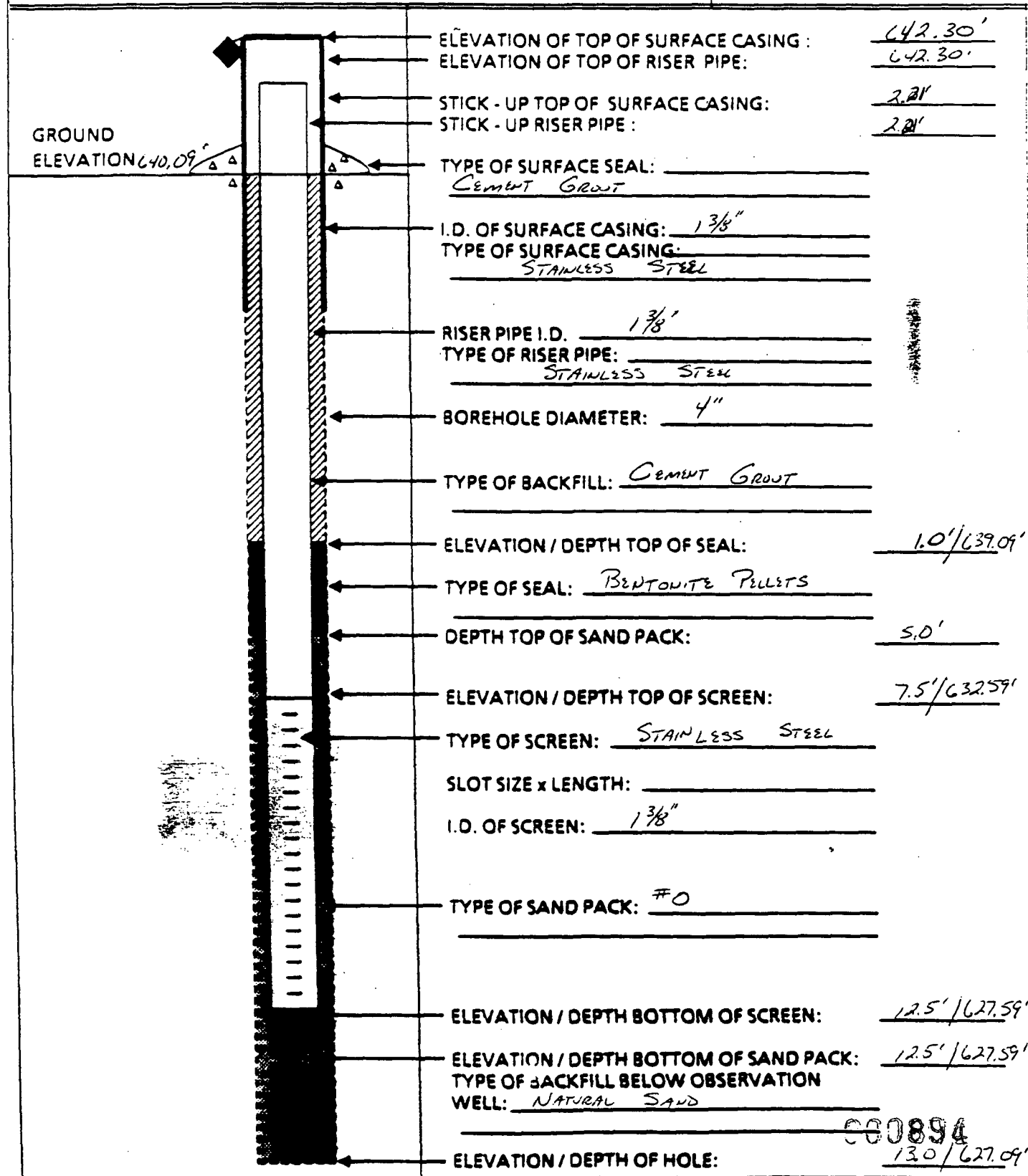
**OVERBURDEN
MONITORING WELL SHEET**

PROJECT <u>Byram Barrel & Drum</u>	LOCATION <u>Byram N.Y.</u>	DRILLER <u>M. SELLER</u>
PROJECT NO. <u>4725/161-2406</u>	BORING <u>MW 143</u>	DRILLING METHOD <u>AUGER</u>
ELEVATION <u>637.57'</u>	DATE <u>11/2/98</u>	DEVELOPMENT METHOD <u>PUMP</u>
FIELD GEOLOGIST <u>M. HICKS</u>		



OVERBURDEN MONITORING WELL SHEET

PROJECT <u>Byron Barrel</u>	LOCATION <u>Around Main Building</u>	DRILLER <u>M. Hicks</u>
PROJECT NO. <u>L725/161-2L26</u>	BORING <u>MW1</u>	DRILLING METHOD <u>Auger/Little Borer</u>
ELEVATION <u>Below</u>	DATE <u>4/17/98</u>	DEVELOPMENT METHOD <u>Hand Bailer</u>
FIELD GEOLOGIST <u>M. Hicks</u>		

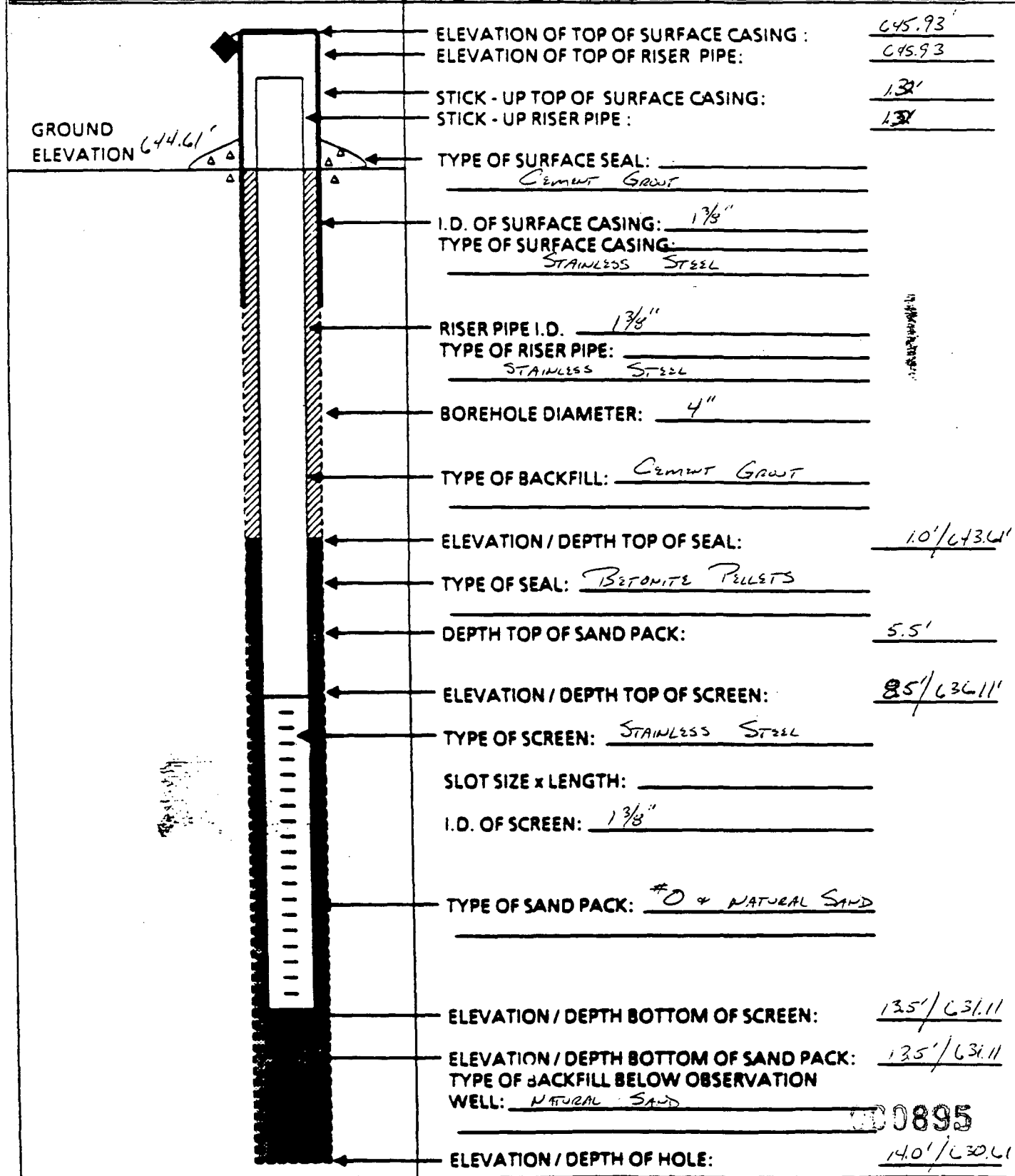


ELEVATION OF TOP OF SURFACE CASING: 642.30'
 ELEVATION OF TOP OF RISER PIPE: 642.30'
 STICK - UP TOP OF SURFACE CASING: 2.21'
 STICK - UP RISER PIPE: 2.21'
 TYPE OF SURFACE SEAL: Cement Grout
 I.D. OF SURFACE CASING: 1 3/8"
 TYPE OF SURFACE CASING: STAINLESS STEEL
 RISER PIPE I.D.: 1 3/8"
 TYPE OF RISER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

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OVERBURDEN MONITORING WELL SHEET

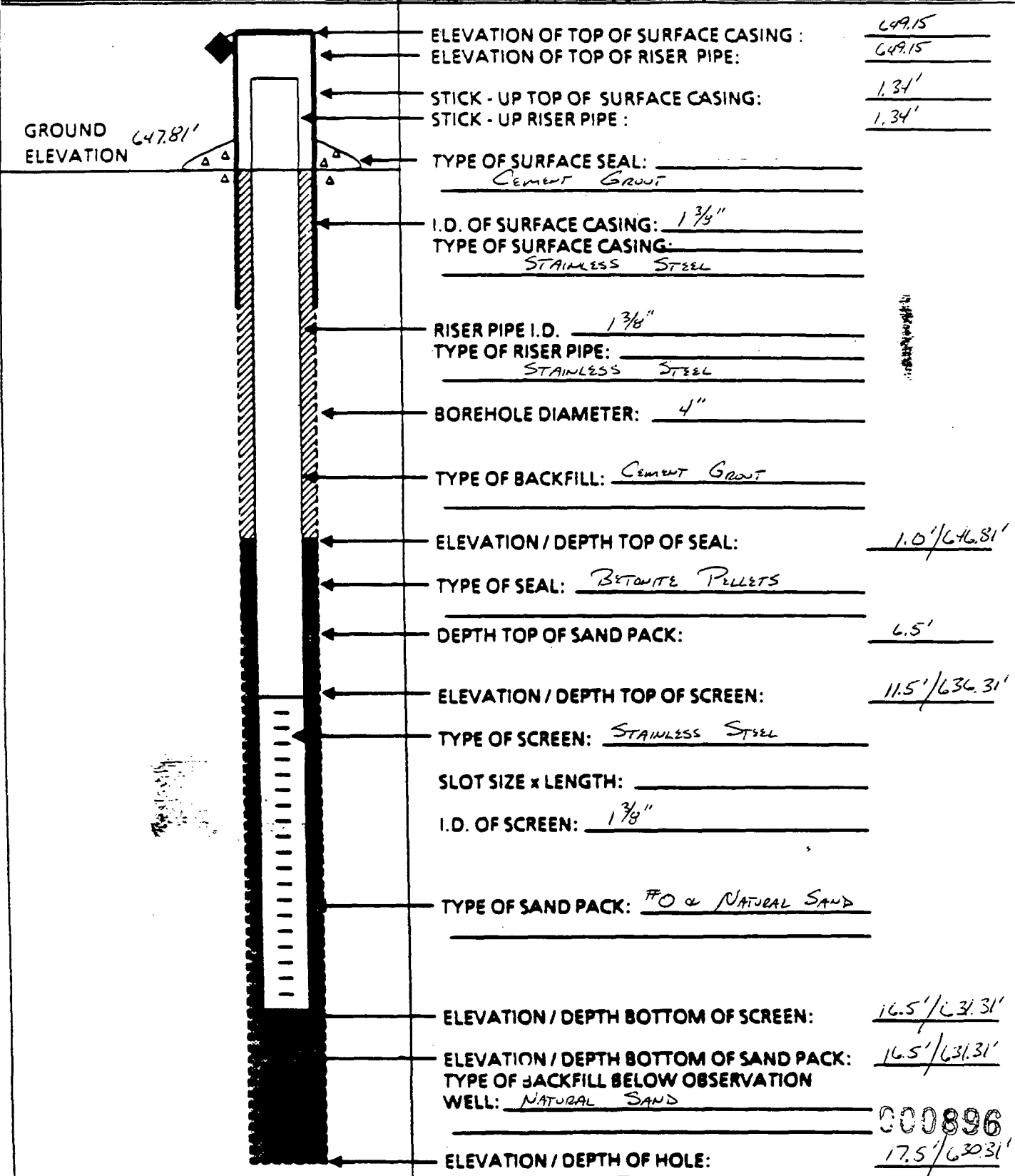
PROJECT <u>BYRON BARRU</u>	LOCATION <u>AROUND MAIN BUILDING</u>	DRILLER <u>M. HICKS</u>
PROJECT NO. <u>L725/161-2LD6</u>	BORING <u>MW2</u>	DRILLING METHOD <u>AGGIE/LITTLE BIANCA</u>
ELEVATION <u>BELOW</u>	DATE <u>4/18/89</u>	DEVELOPMENT METHOD <u>HAND BAILED</u>
FIELD GEOLOGIST <u>M. HICKS</u>		



00895

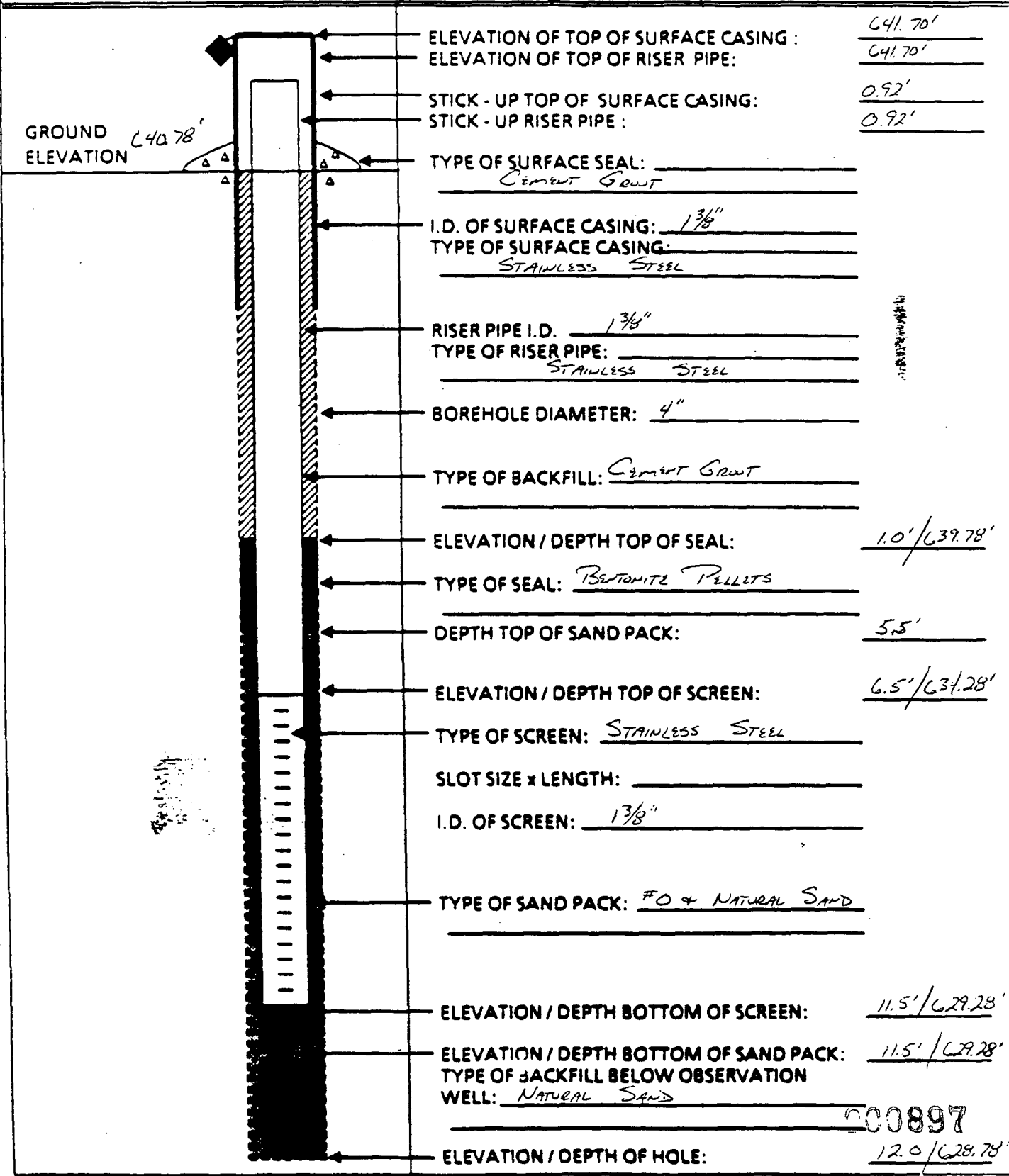
**OVERBURDEN
MONITORING WELL SHEET**

PROJECT <u>BYRON BARREL</u>	LOCATION <u>AROUND MAW BUILDING</u>	DRILLER <u>M. HICKS</u>
PROJECT NO. <u>LT25/114-2LD6</u>	BORING <u>MW 3</u>	DRILLING METHOD <u>Auger/LITTLE BRASS</u>
ELEVATION <u>Below</u>	DATE _____	DEVELOPMENT METHOD <u>HAND BAUER</u>
FIELD GEOLOGIST <u>M. Hicks</u>		



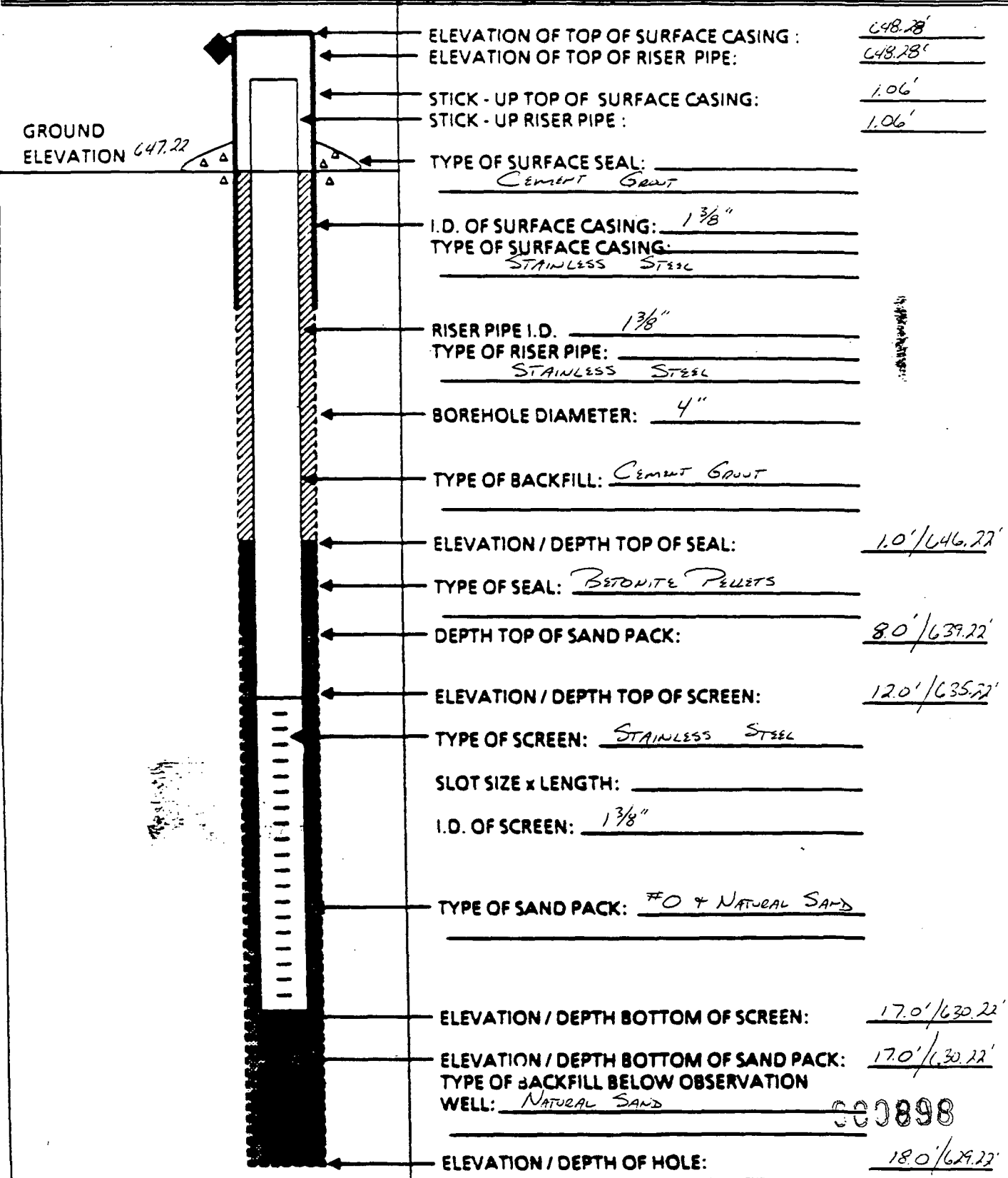
**OVERBURDEN
MONITORING WELL SHEET**

PROJECT <u>Byron Baetz</u>	LOCATION <u>Academy Main Building</u>	DRILLER <u>M. Hicks</u>
PROJECT NO. <u>L725/161-2LD6</u>	BORING <u>MW4</u>	DRILLING METHOD <u>Auger/Little Beaver</u>
ELEVATION _____	DATE <u>4/19/59</u>	DEVELOPMENT METHOD <u>HAND BAILER</u>
FIELD GEOLOGIST <u>M. Hicks</u>		



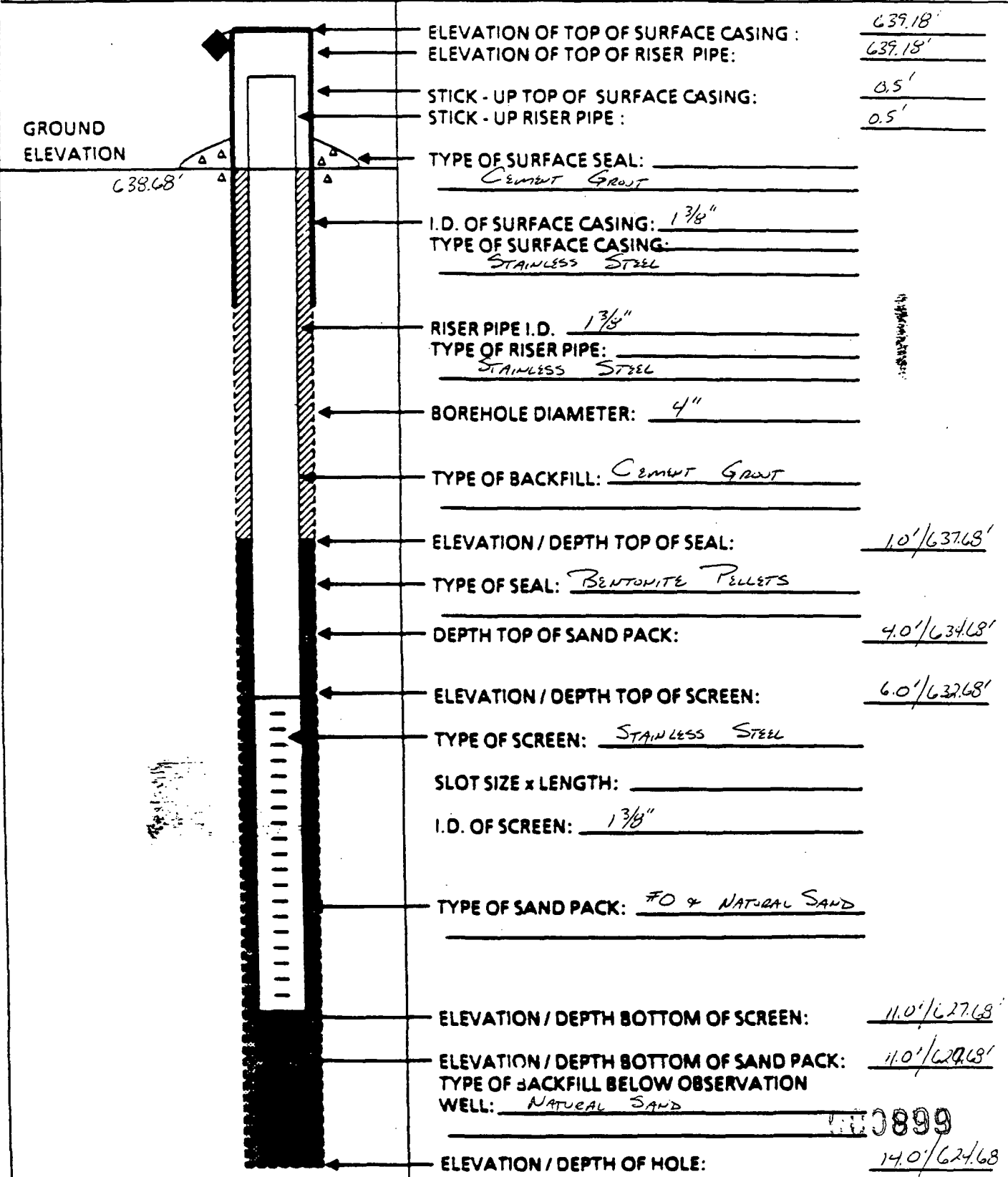
**OVERBURDEN
MONITORING WELL SHEET**

PROJECT <u>BYPASS BAZZEL</u>	LOCATION <u>AROUND MAIN BUILDING</u>	DRILLER <u>M. HICKS</u>
PROJECT NO. <u>4225/101-2LD6</u>	BORING <u>MW 5</u>	DRILLING METHOD <u>Auger/LITTLE BEAVER</u>
ELEVATION _____	DATE <u>4/24/89</u>	DEVELOPMENT METHOD <u>HAND AUGER</u>
FIELD GEOLOGIST <u>M. HICKS</u>		



**OVERBURDEN
MONITORING WELL SHEET**

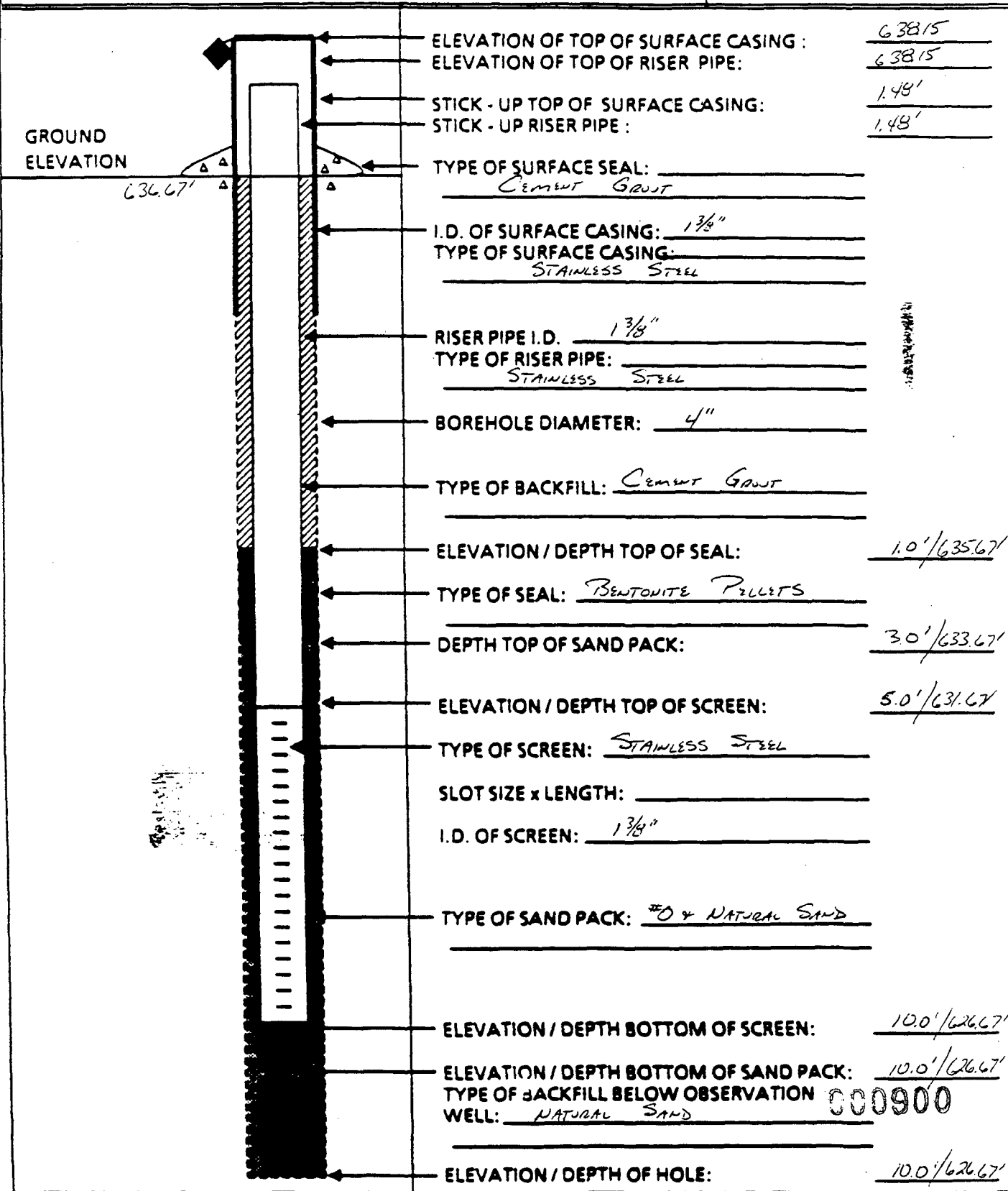
PROJECT <u>Byron BARR</u>	LOCATION <u>Around Main Building</u>	DRILLER <u>M. Hicks</u>
PROJECT NO. <u>L725/161-2486</u>	BORING <u>MW6</u>	DRILLING METHOD <u>Auger/Little Bailer</u>
ELEVATION _____	DATE <u>4/20/69</u>	DEVELOPMENT METHOD <u>HAND BAILER</u>
FIELD GEOLOGIST <u>M. Hicks</u>		



0899

**OVERBURDEN
MONITORING WELL SHEET**

PROJECT <u>BYRON BARREL</u>	LOCATION <u>AROUND MAIN BUILDING</u>	DRILLER <u>M. HICKS</u>
PROJECT NO. <u>L725/161-2066</u>	BORING <u>MW6</u>	DRILLING METHOD <u>Auger</u>
ELEVATION _____	DATE <u>4/24/89</u>	DEVELOPMENT METHOD <u>HAND BAUER</u>
FIELD GEOLOGIST <u>M. HICKS</u>		



ELEVATION OF TOP OF SURFACE CASING: 638.15

ELEVATION OF TOP OF RISER PIPE: 638.15

STICK - UP TOP OF SURFACE CASING: 1.48'

STICK - UP RISER PIPE: 1.48'

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' / 635.67'

TYPE OF SEAL: BENTONITE PELLETS

DEPTH TOP OF SAND PACK: 3.0' / 633.67'

ELEVATION / DEPTH TOP OF SCREEN: 5.0' / 631.67'

TYPE OF SCREEN: STAINLESS STEEL

SLOT SIZE x LENGTH: _____

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

TYPE OF SAND PACK: #20 & NATURAL SAND

ELEVATION / DEPTH BOTTOM OF SCREEN: 10.0' / 626.67'

ELEVATION / DEPTH BOTTOM OF SAND PACK: 10.0' / 626.67'

TYPE OF BACKFILL BELOW OBSERVATION WELL: NATURAL SAND **000900**

ELEVATION / DEPTH OF HOLE: 10.0' / 626.67'

D

000901

APPENDIX D

HYDROGEOLOGIC CALCULATIONS

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

000902

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 HORSLEV 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 - LENGTH OF THE WELL SCREEN (FT)
 T₀ - TIME REQUIRED FOR THE WATER LEVEL TO FALL/RISE TO 37% OF THE INITIAL CHANGE. TO BE DETERMINED BY PLOTTING ELAPSED TIME VS. ΔH/H₀ (MEASURED WATER LEVEL CHANGE DIVIDED BY TOTAL WATER LEVEL CHANGE).

SOURCE: HORSLEV (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.

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

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

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

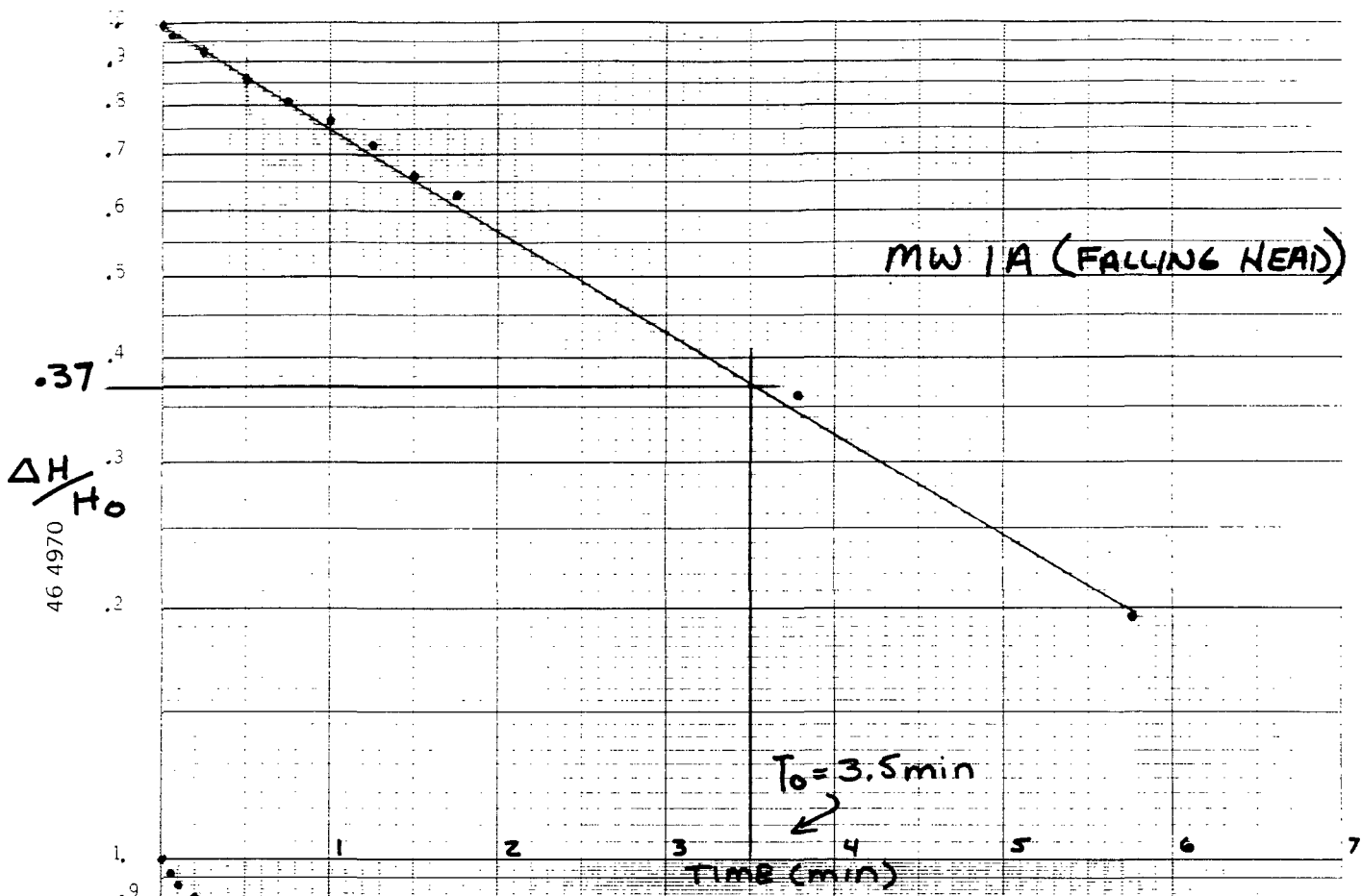
$$= 2.85 \times 10^{-2} \text{ FT/HR.}$$

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

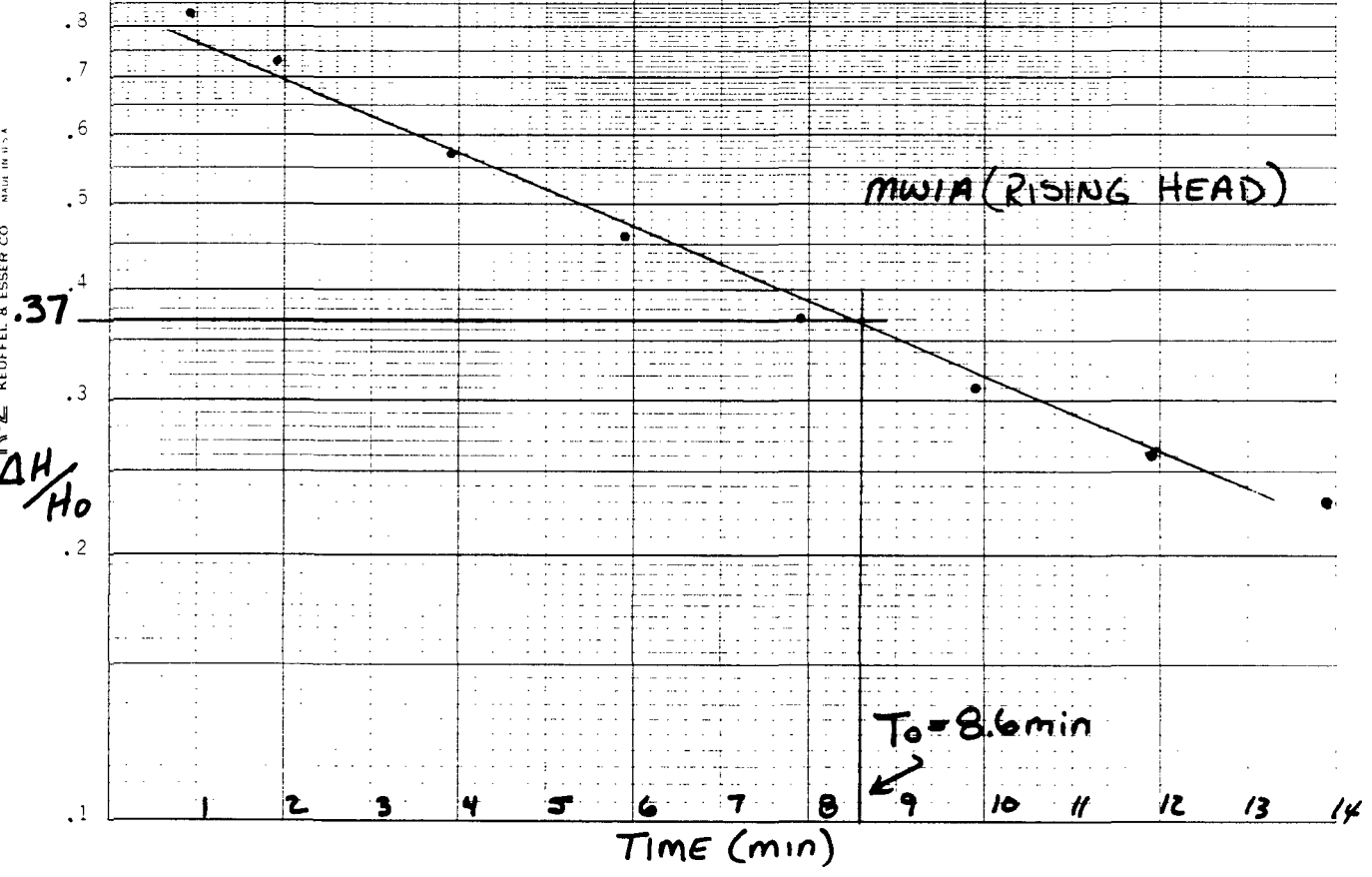
$$= 2.41 \times 10^{-4} \text{ CM/SEC.}$$

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



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CLIENT: DEPA REGIONAL	FILE NO.: L725 (Byrum)	BY: MCH	PAGE 1 OF 3
SUBJECT: CALCULATIONS (NUORSLEU)		CHECKED BY: MCM	DATE: 12/23/58

DEPTH(FT)

WELL

CONSTRUCTION

1.36' —

0 —

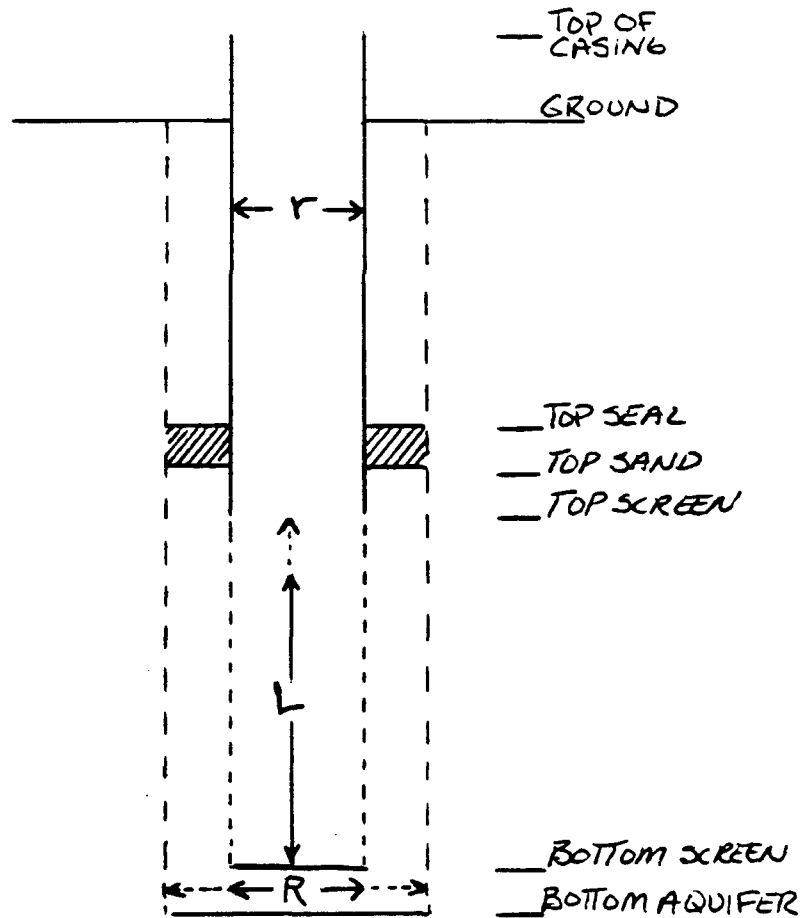
12.9 —

14.5 —

17.0 —

27.0 —

27.0 —



$r = 0.833'$

$R = 0.833'$

$L = 10'$

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

8.6 min (RISING)

CLIENT: USEPA REGION II	FILE NO.: L725 (Byrim)	BY: MCH	PAGE 2 OF 3
SUBJECT: CALCULATIONS (HVORSLEV) MWIA (FALLING)		CHECKED BY: mcm	DATE: 12/23/53

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

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

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

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

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

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

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

CLIENT: USEPA REGION II	FILE NO.: 4725 (13420m)	BY: mcl	PAGE 3 OF 3
SUBJECT: CALCULATIONS (HVORSLEV) MWAH - Rising HEAD		CHECKED BY: mcm	DATE: 12/23/88

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

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

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

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

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

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

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

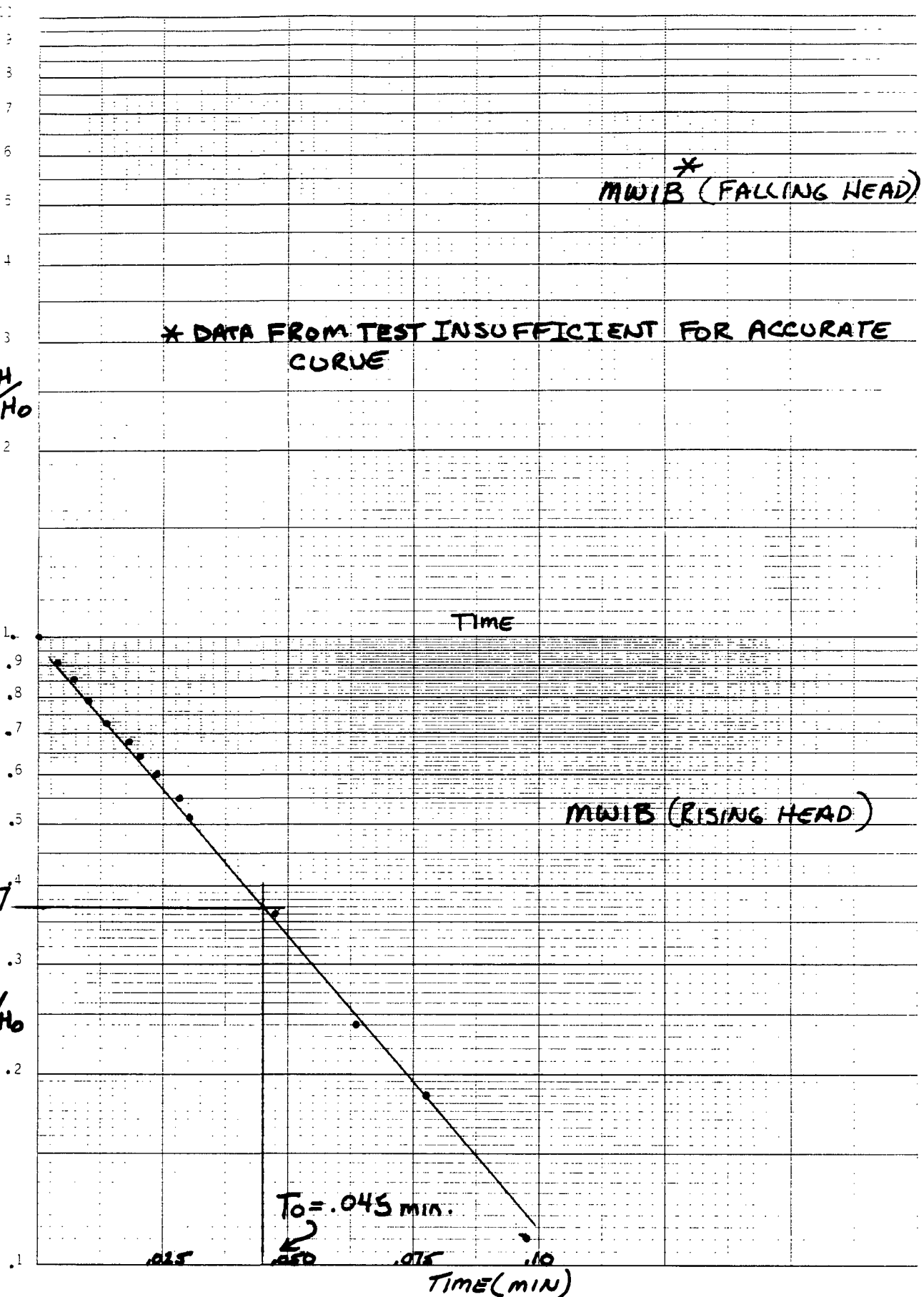
46 4970

$\Delta H / H_0$

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$\Delta H / H_0$

.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

MWIB

DEPTH (FT)

WELL

CONSTRUCTION

2.18 —

0 —

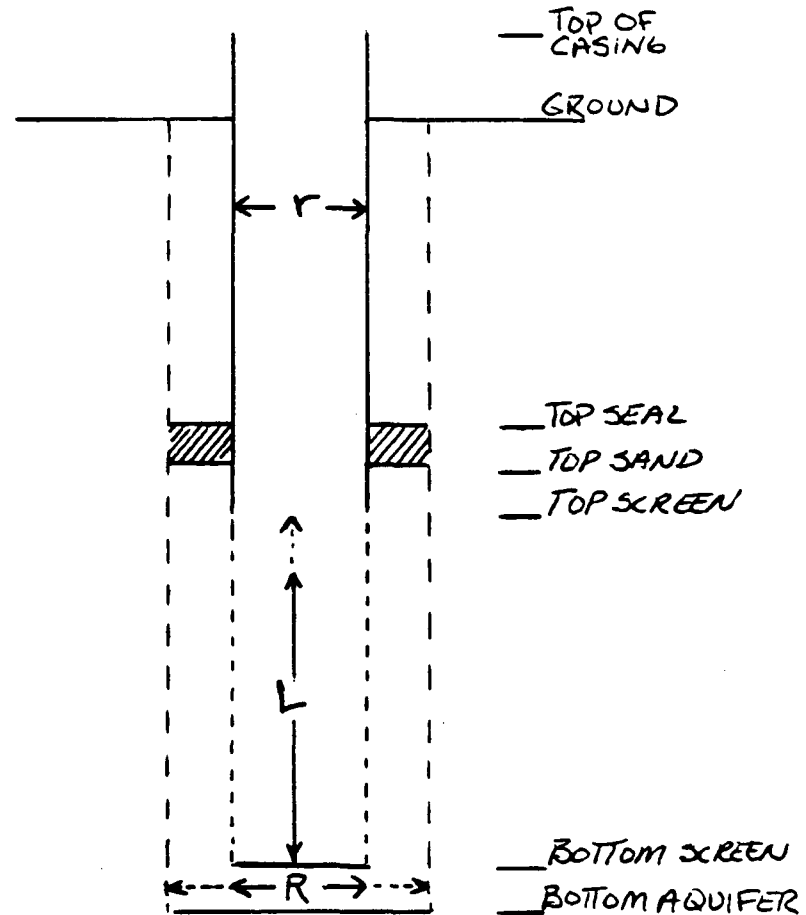
2.0 —

3.0 —

4.0 —

14.0 —

14.0 —



$r = .0833'$

$R = .0833'$

$L = 6.58'$

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

CLIENT: USEPA REGION II	FILE NO.: L725 (Byrdon)	BY: MCH	PAGE 2 OF 2
SUBJECT: CALCULATIONS (HVORSLEV) MW 13 - RISING HEAD		CHECKED BY: mcm	DATE: 12/28/88

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

$$K = \frac{6.94 \times 10^{-3} \ln\left(\frac{6.58}{.0833}\right)}{2(6.58)(.045)}$$

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

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

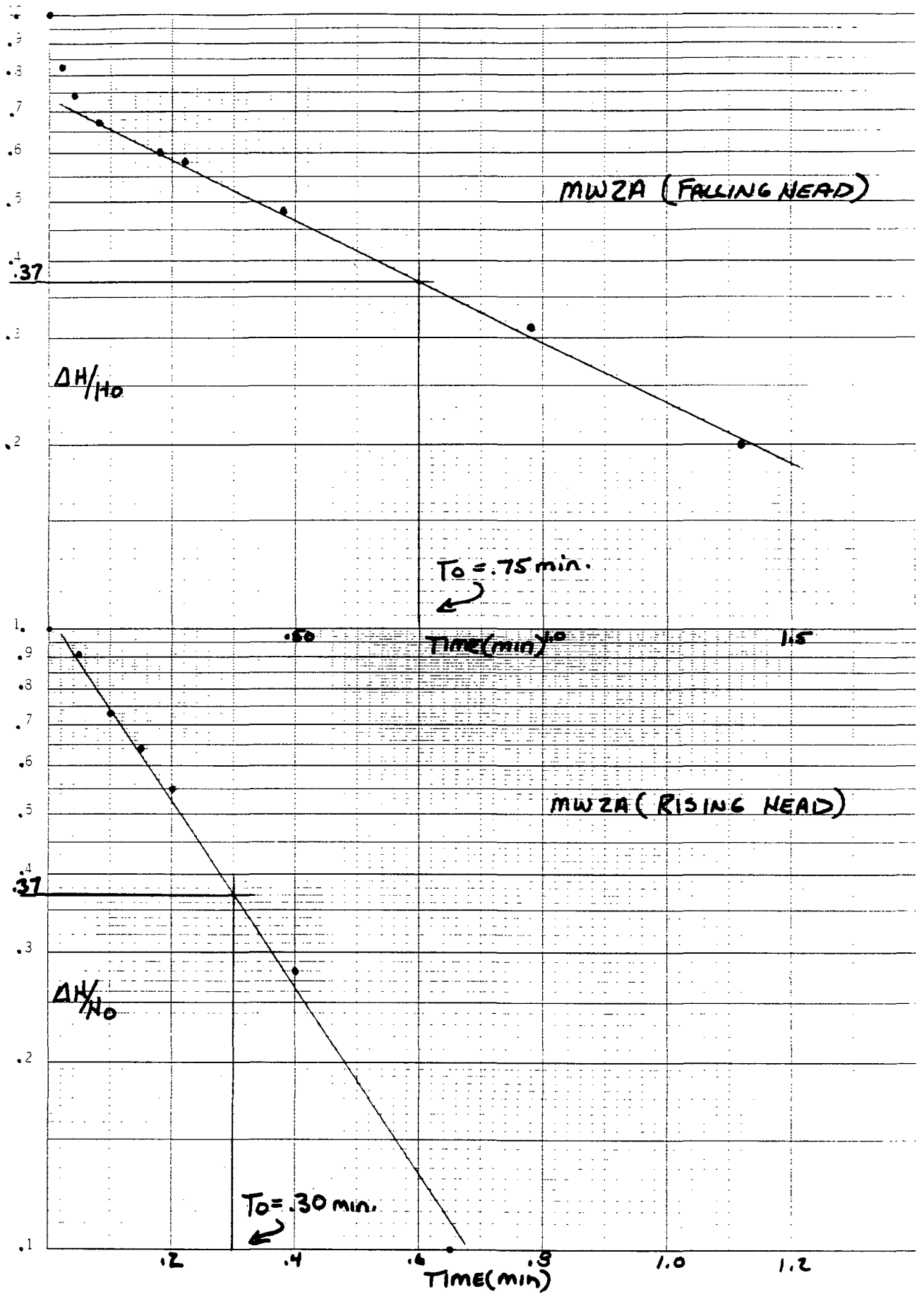
$$K = 3.07 \text{ FT/NR.}$$

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

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

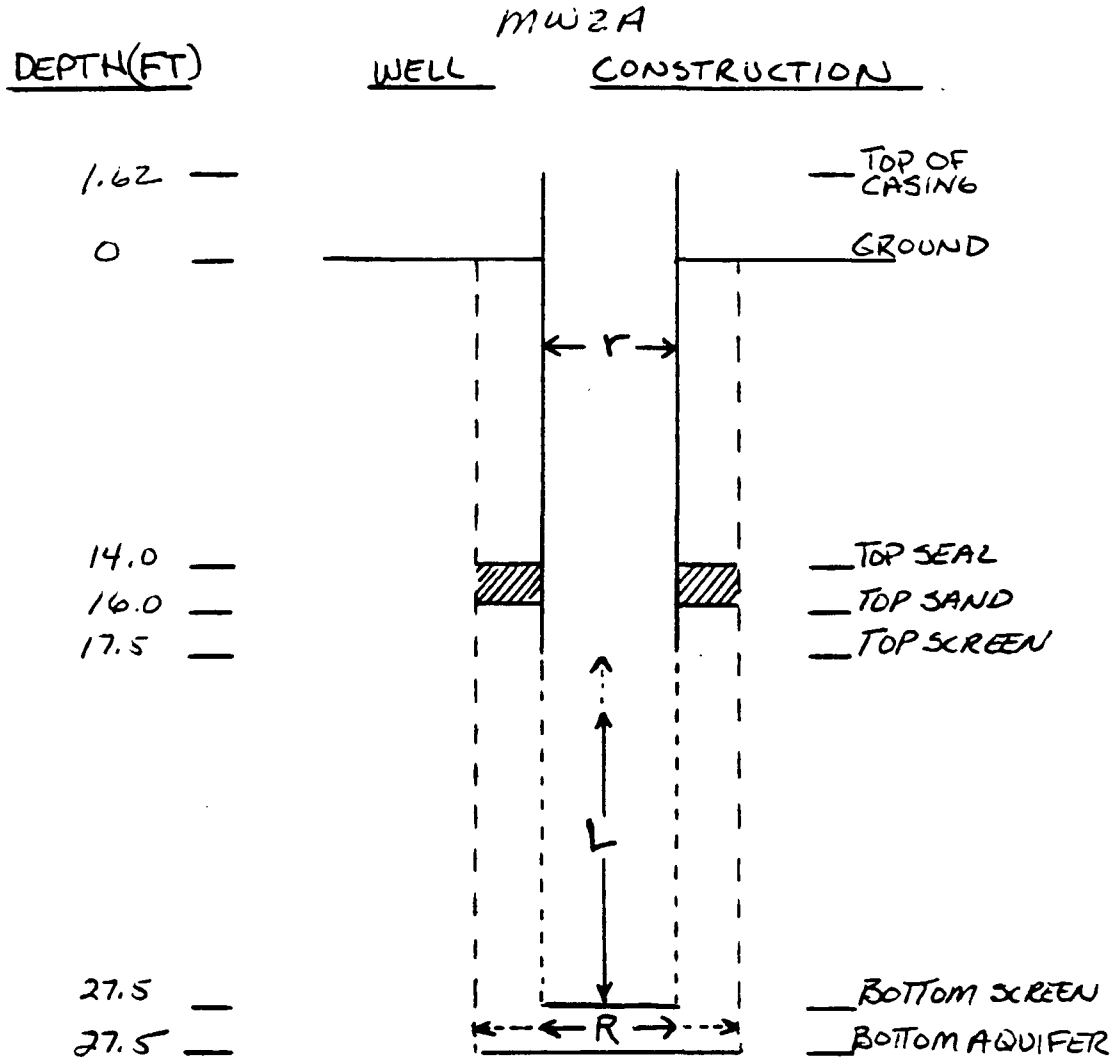
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000918

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



$$r = .0833'$$

$$R = .0833'$$

$$L = 10'$$

$$T_0 = 0.30 \text{ min. (FALLING HEAD)}$$

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

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

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

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

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

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

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

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

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

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

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

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

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

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

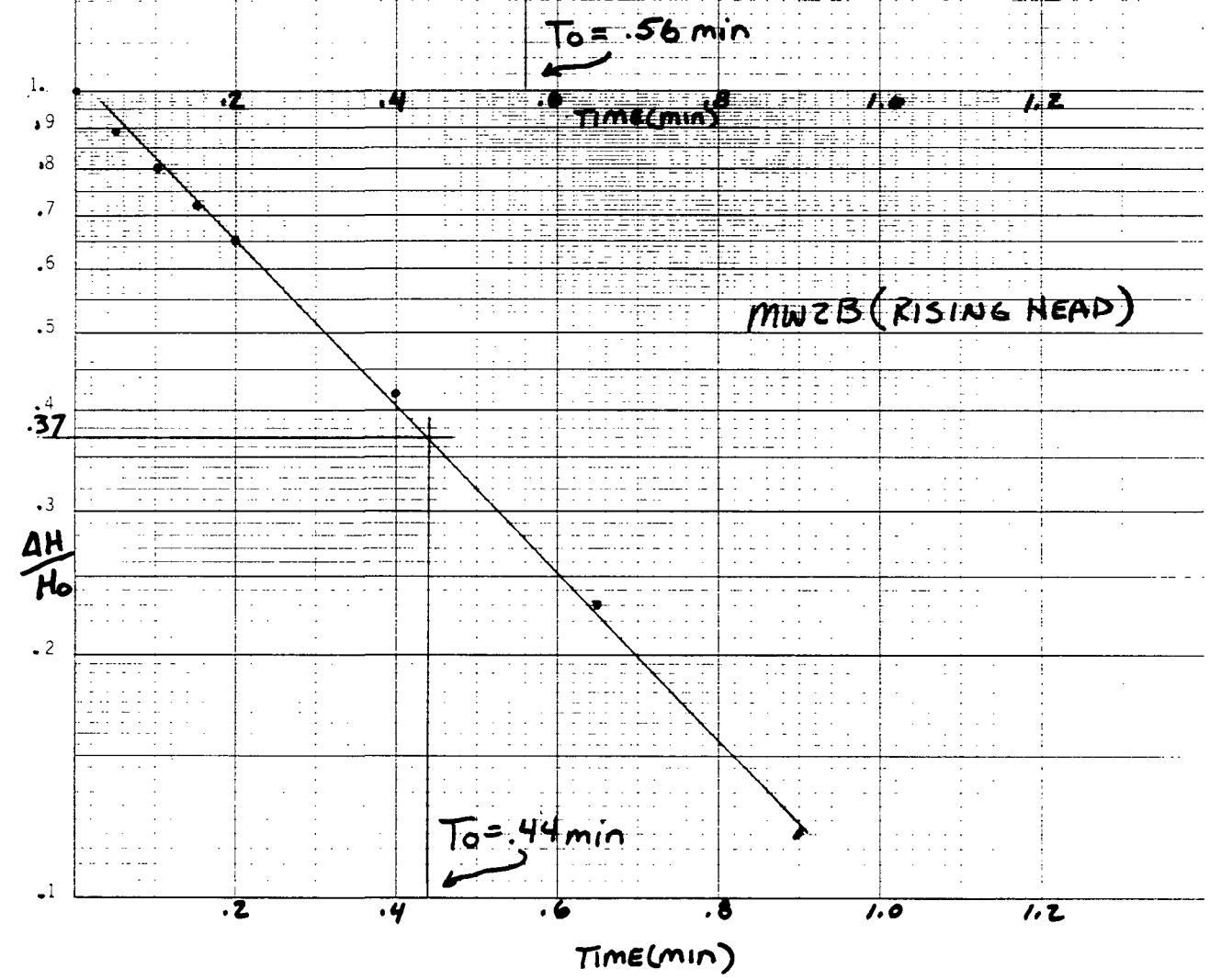
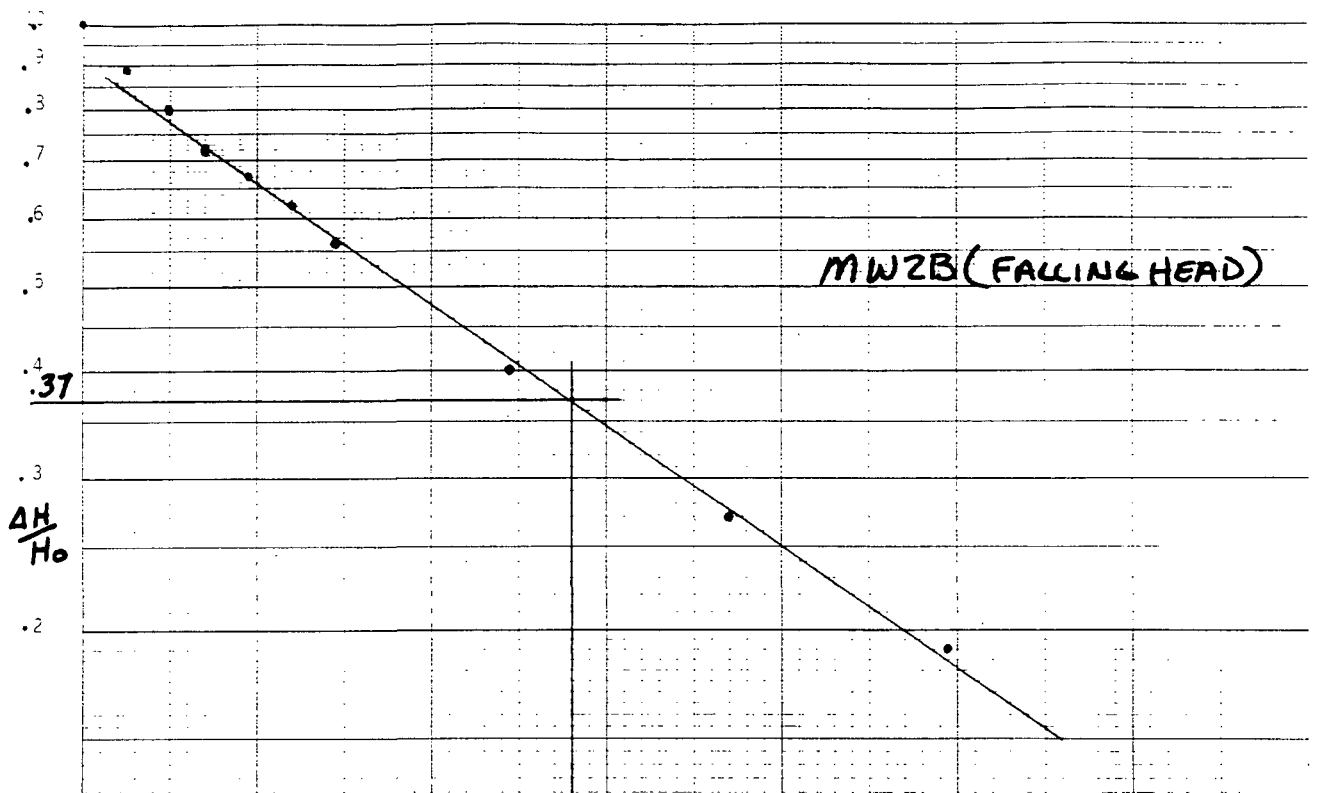
$$K = 1.33 \times 10^{-1} \quad \text{FT/HR.}$$

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

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

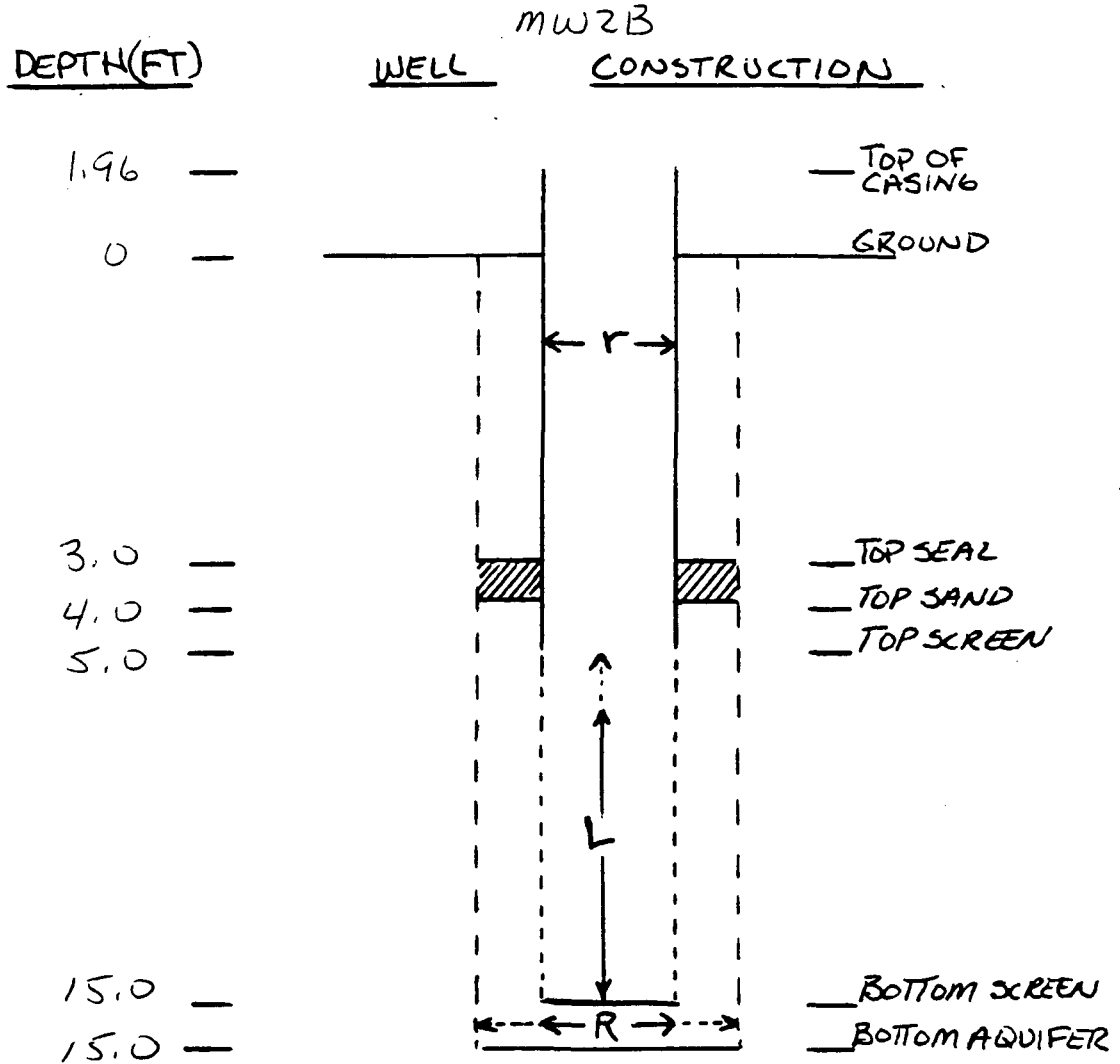
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000924

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



$r = .0833'$
 $R = .0833'$
 $L = 6.54'$
 $T_0 = .44 \text{ min (Falling)}$
 $.56 \text{ min (Rising)}$

CLIENT: USEPA REGION II	FILE NO.: L725 (Byrom)	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: mcl	PAGE 3 OF 3
SUBJECT: CALCULATIONS (HVORSLEV) (MW2B - RISING HEAD)		CHECKED BY: MLM	DATE: 12/23/88

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

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

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

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

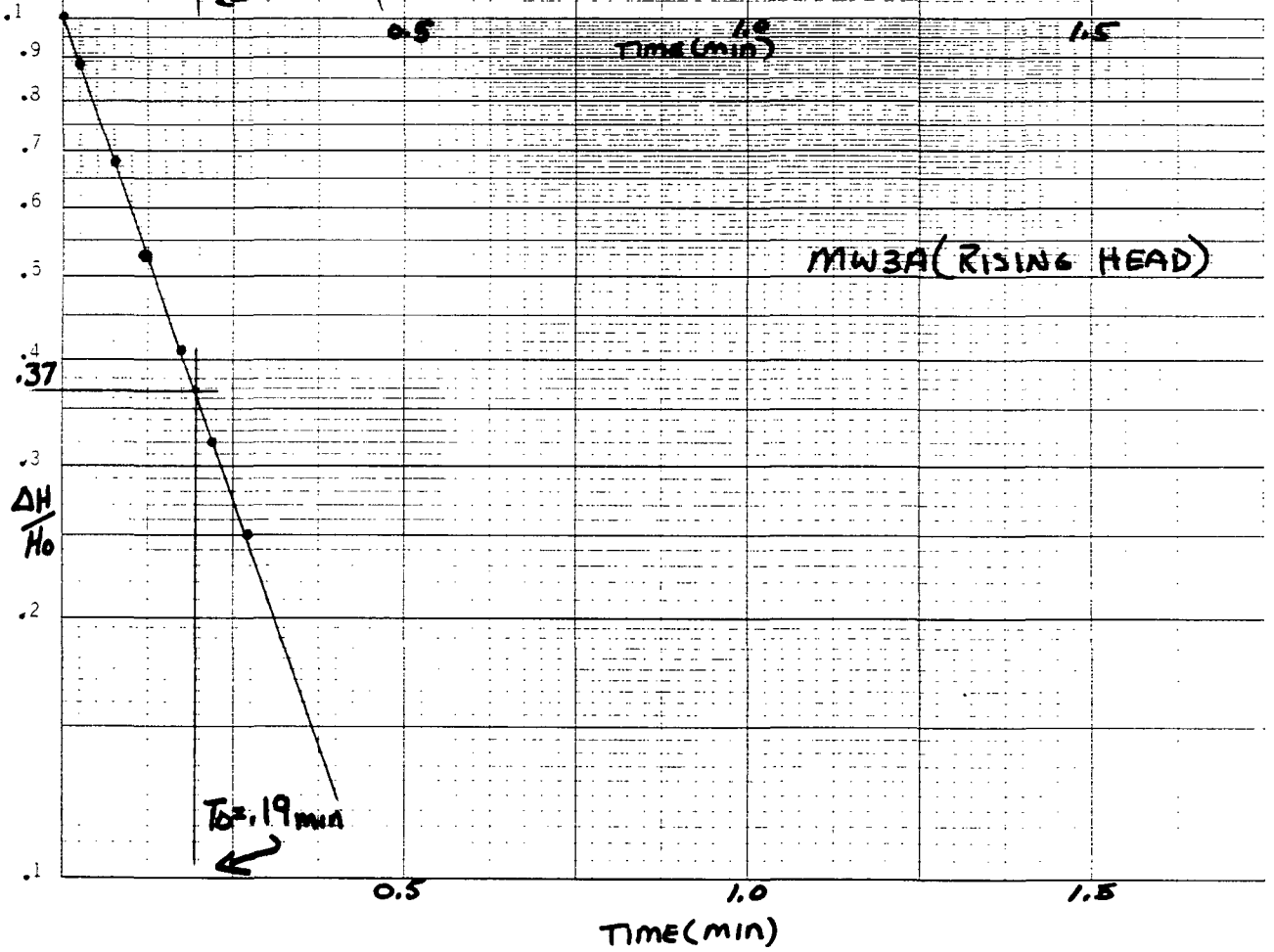
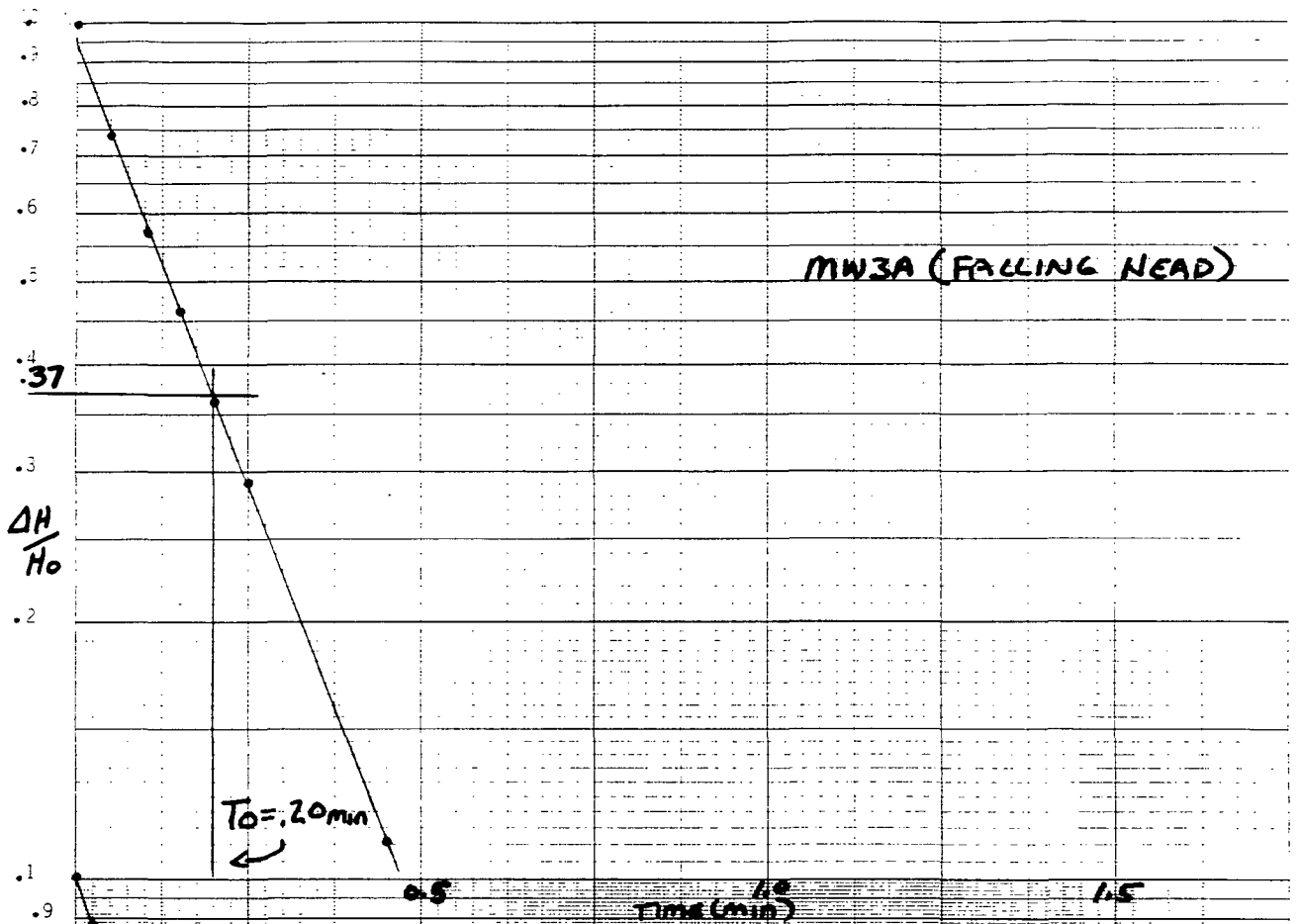
$$K = 2.48 \times 10^{-1} \quad \text{FT/NR.}$$

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

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

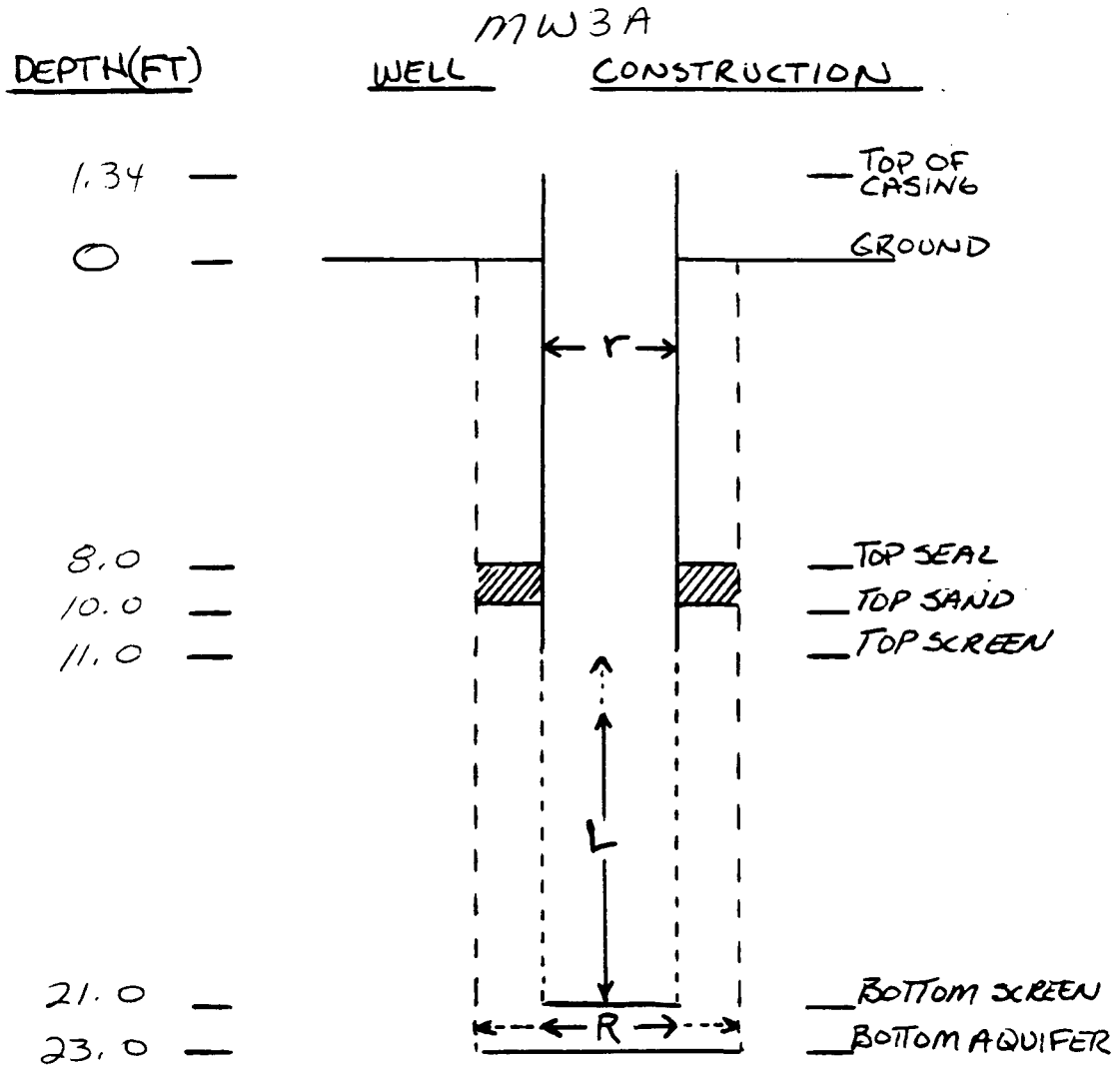
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000930

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

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

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

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

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

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

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

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

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

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

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

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

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

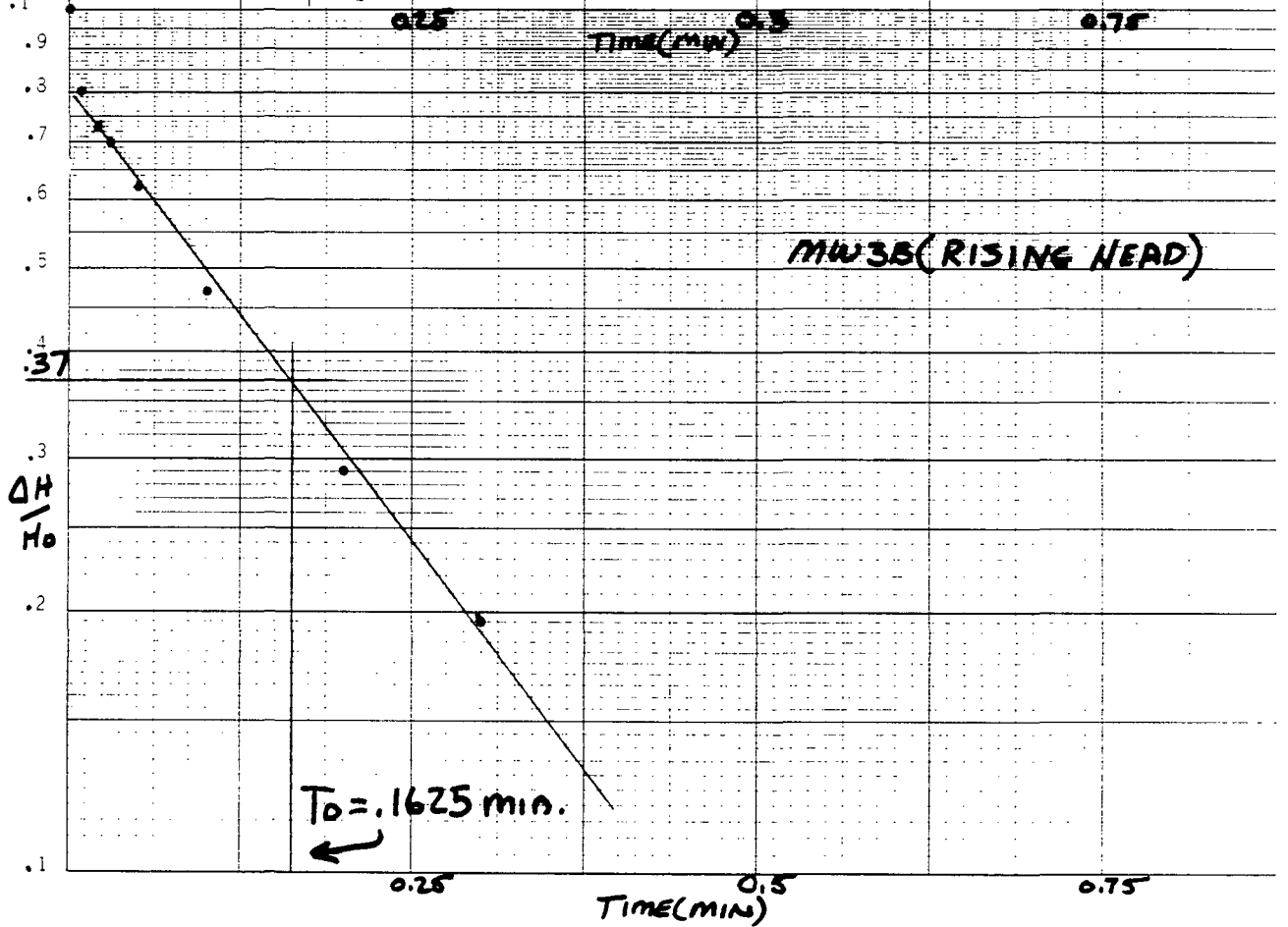
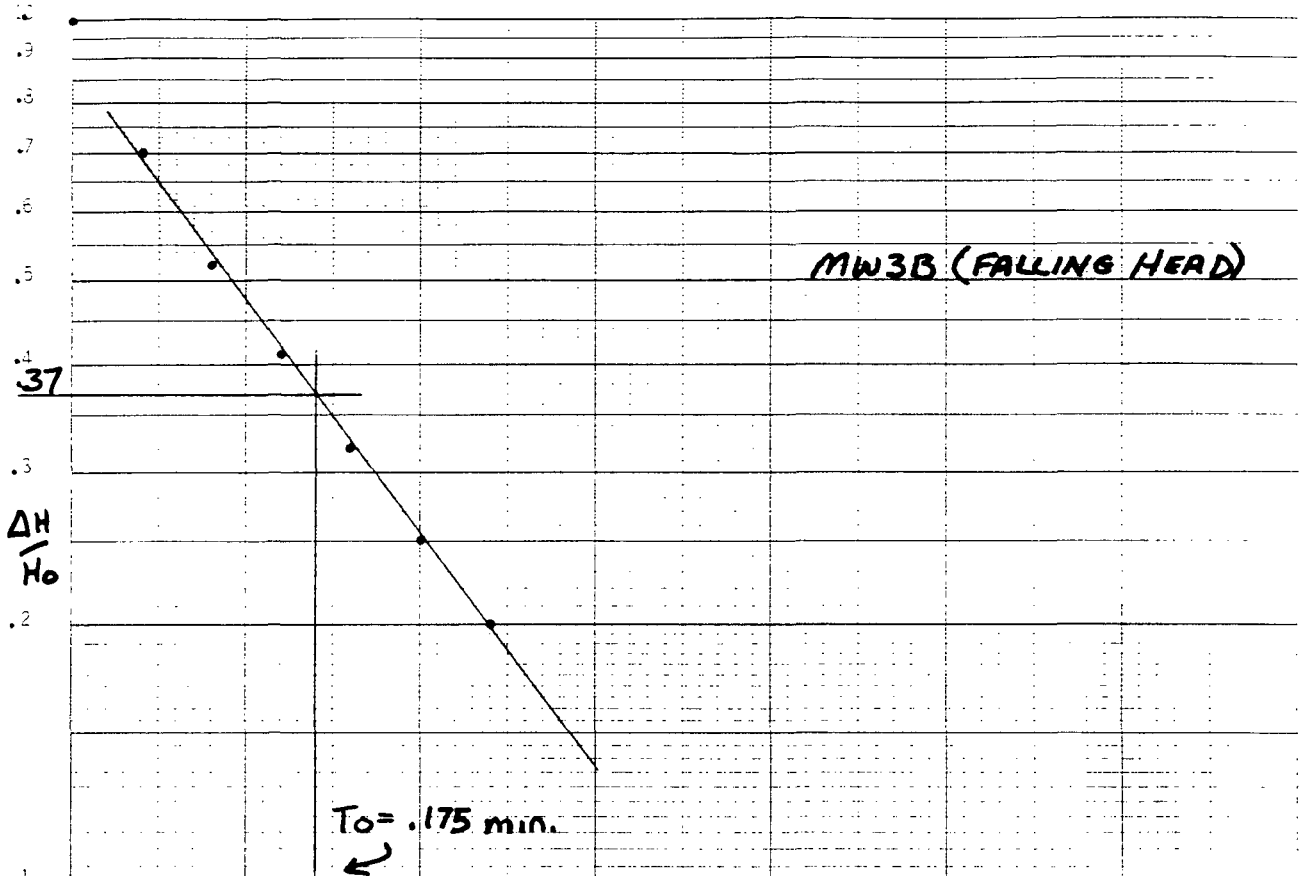
$$K = 5.25 \times 10^{-4} \quad \text{FT/NR.}$$

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

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

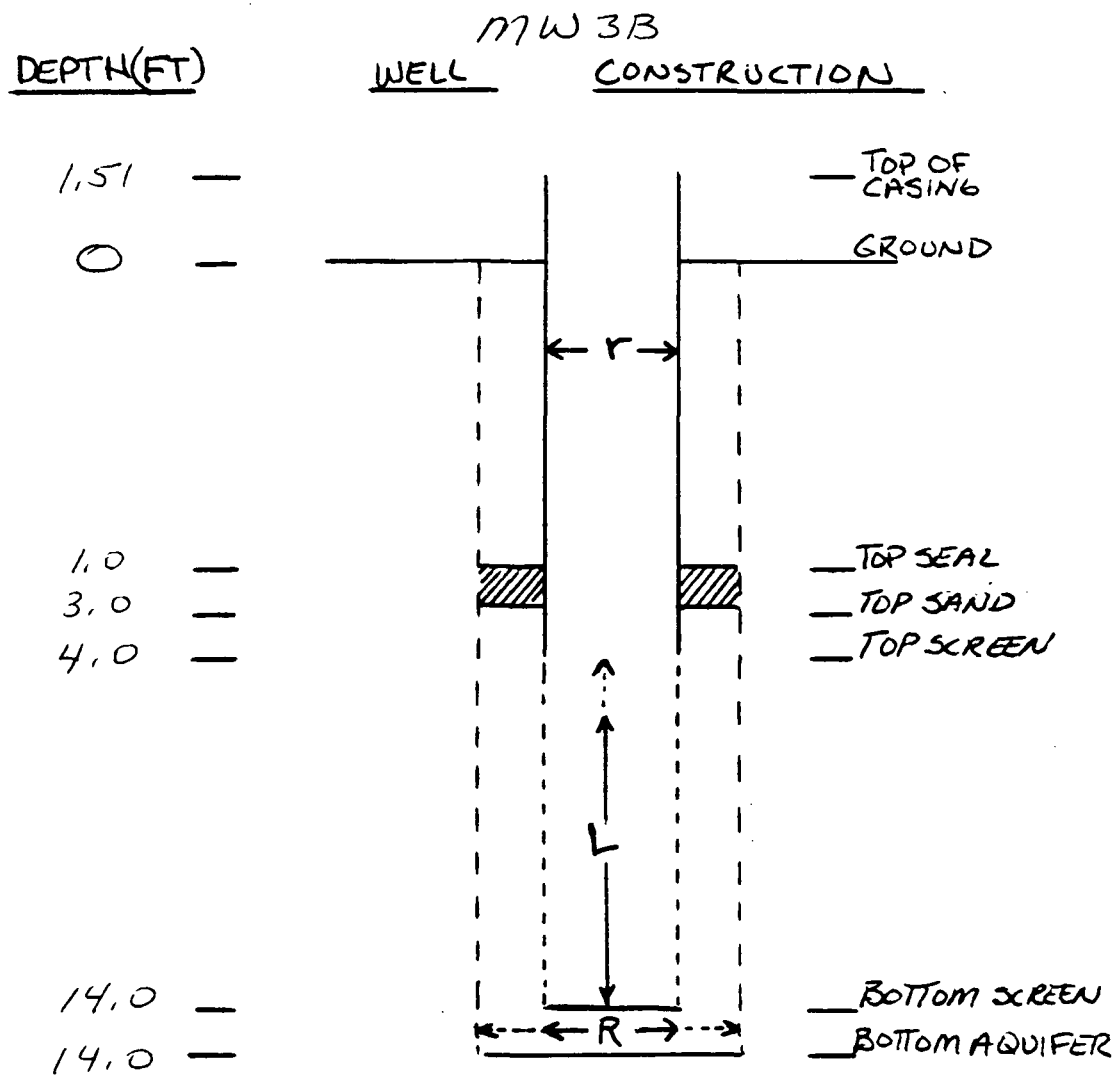
46 4970

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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



$r = .0833'$
 $R = .0833'$
 $L = 6.18'$
 $T_0 = .175 \text{ min. (FALLING HEAD)}$
 $.163 \text{ min. (RISING HEAD)}$

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: 12/25/88

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

HYDRAULIC CONDUCTIVITY TESTING DATA SHEET

NUS CORPORATION

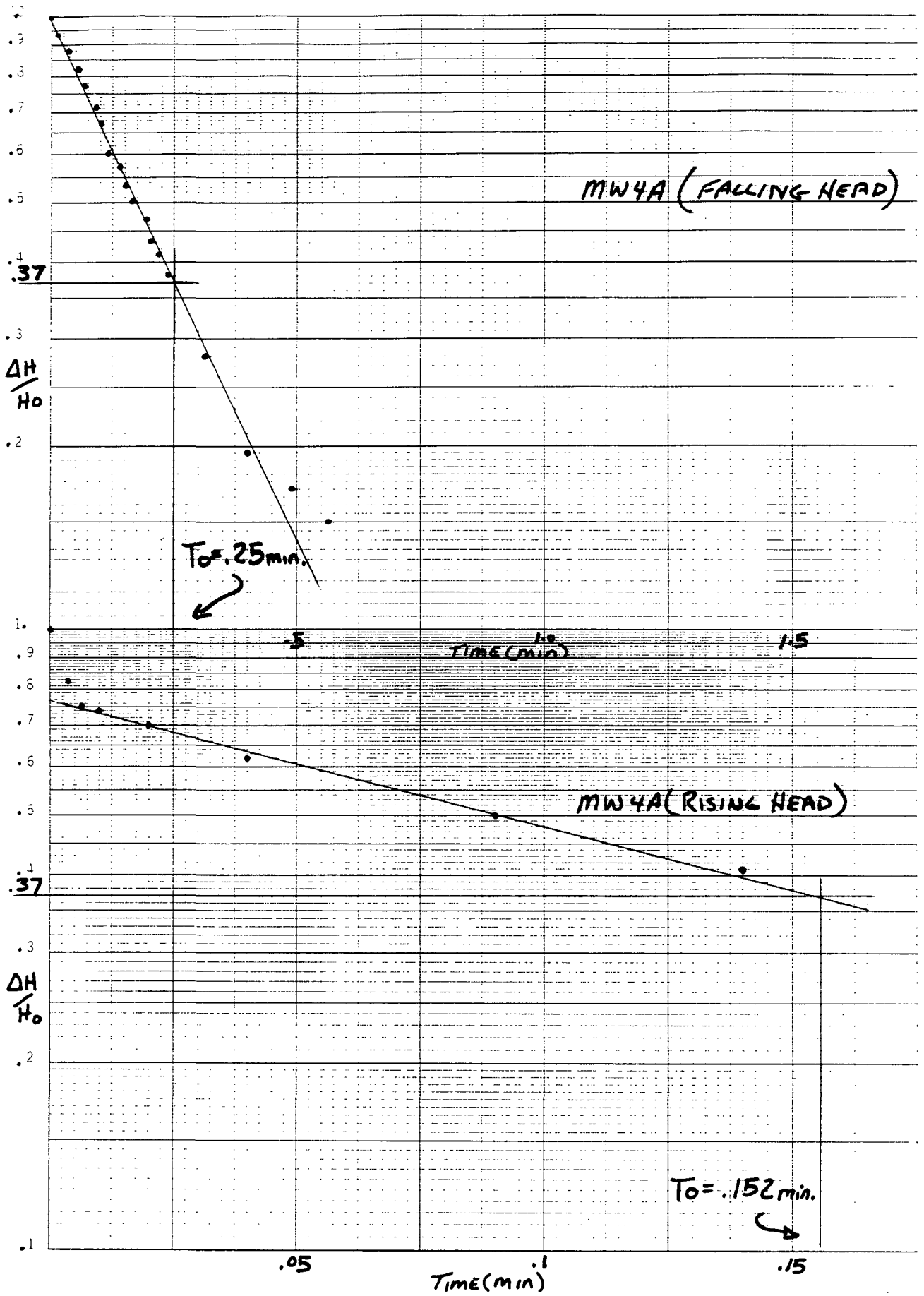
PROJECT NAME: Byram Bannel + Drum WELLBORING NO.: MW4A
 PROJECT NO.: 16124D6 GEOLOGIST: M. Hicks
 WELL DIAMETER: 2" SCREEN LENGTH/DEPTH: 10'/34.0'-44.0' TEST NO.: 1
 STATIC WATER LEVEL (Depth/Elevation): 32.67' 1634.69' DATE: 10/17/88
 TEST TYPE (Rising/Falling/Constant Head): FALLING HEAD CHECKED: MLM
 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

46 4970

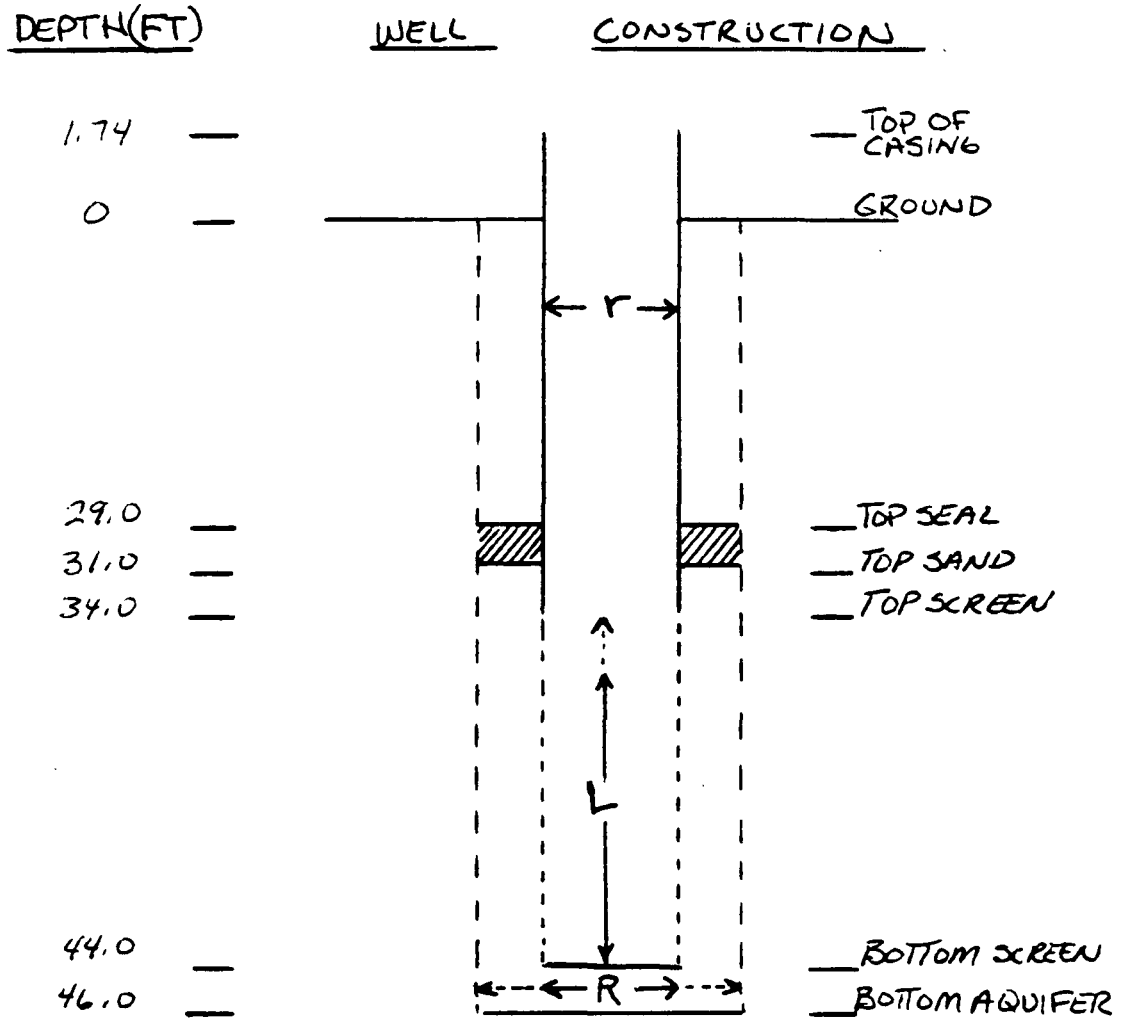
SEMILOGARITHMIC PLOT OF $\Delta H/H_0$ VS. TIME (min)
KEUTHEL & ESSER CO. MADE IN U.S.A.



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



$r = .0833'$
 $R = .0833'$
 $L = 10'$
 $T_0 = .25 \text{ min (FALLING HEAD)}$
 $.152 \text{ min (RISING HEAD)}$

CLIENT: USEPA REGION II	FILE NO.: L725 (Byron)	BY: mch	PAGE 2 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

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

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

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

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

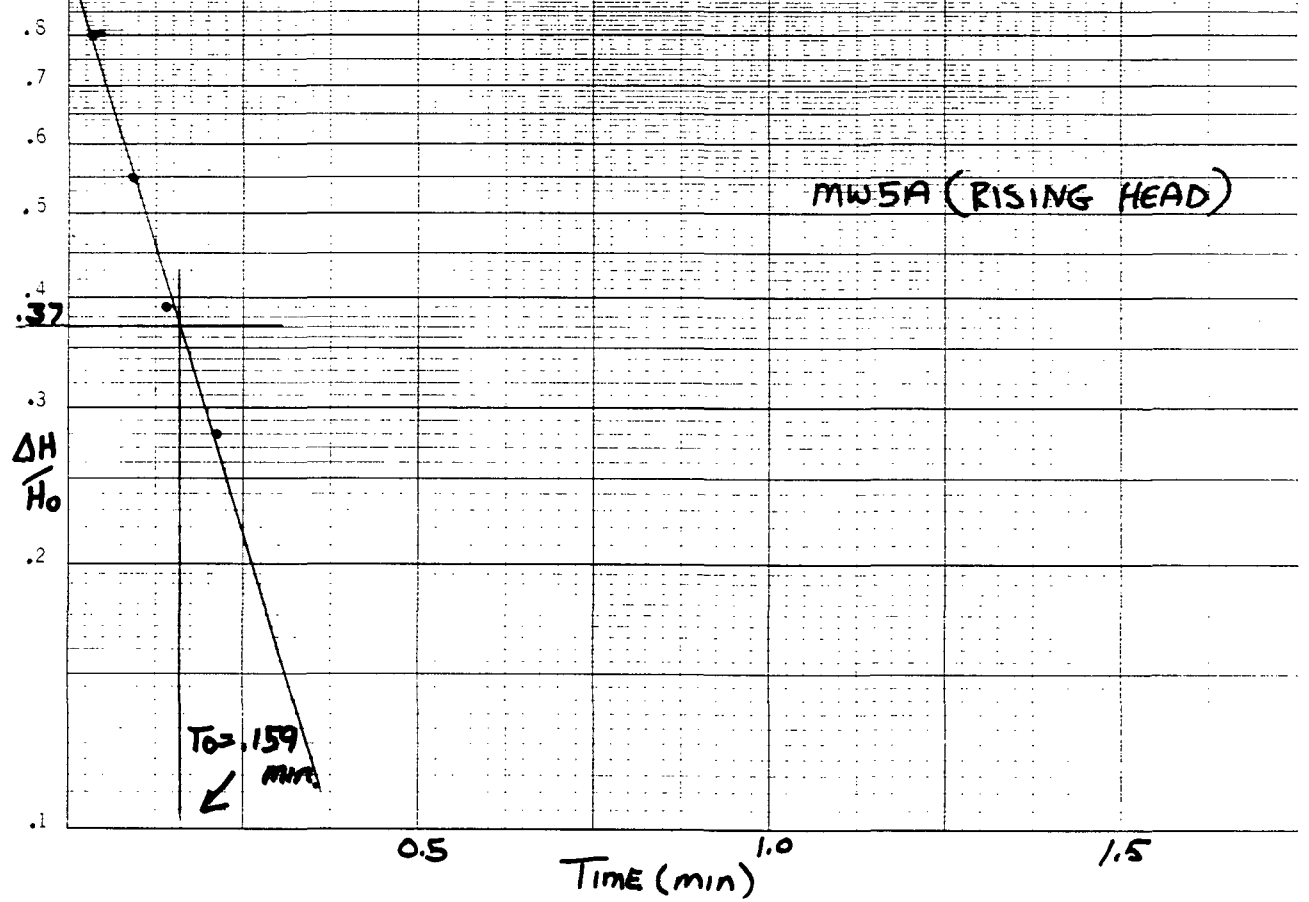
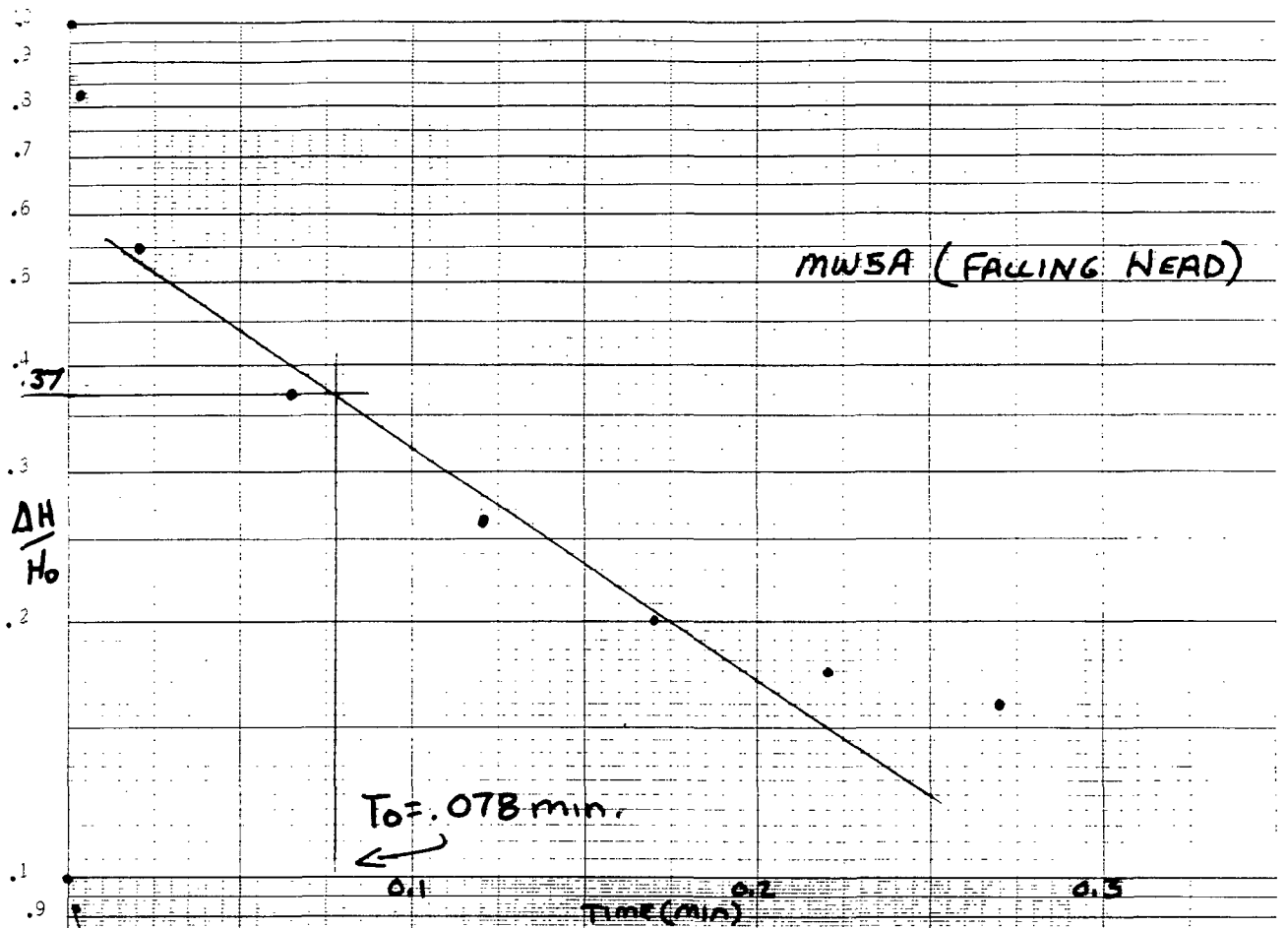
$$K = 6.56 \times 10^{-1} \quad \text{FT/HR.}$$

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

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

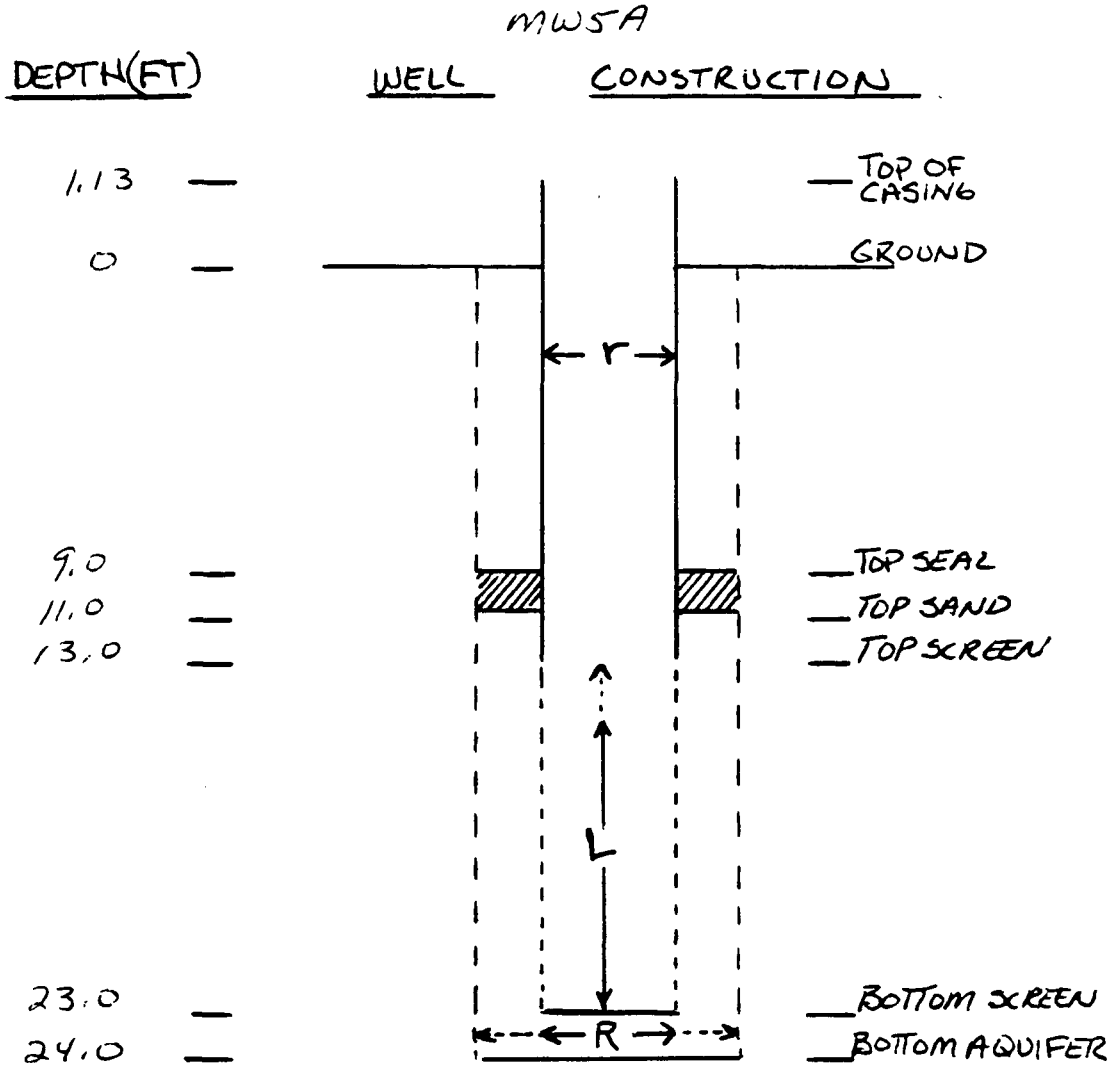
46 4970

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



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



$$r = .0833'$$

$$R = .0833'$$

$$L = 10'$$

$$T_0 = .159 \text{ min (RISING HEAD)}$$

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

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

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

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

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

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

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

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

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

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

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

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

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

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

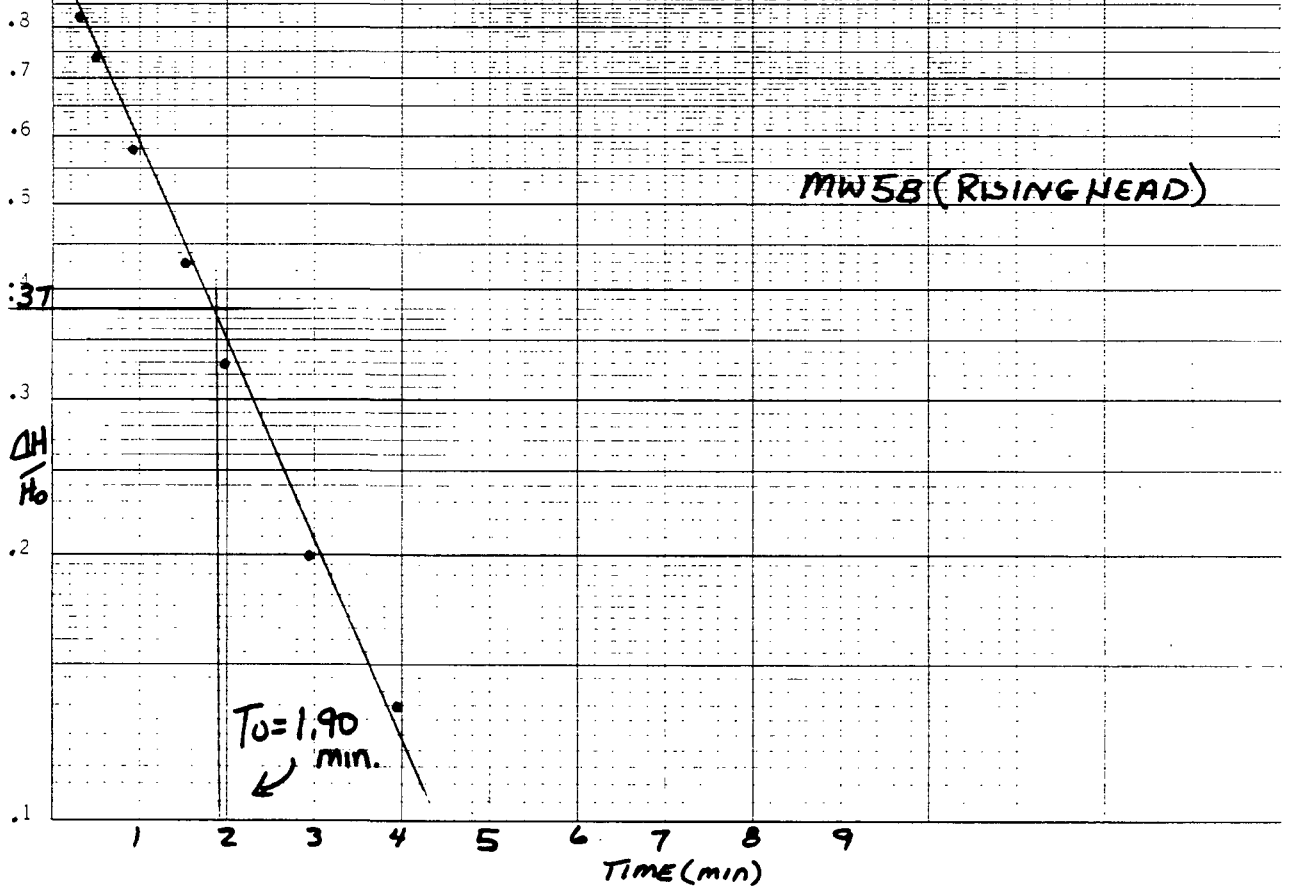
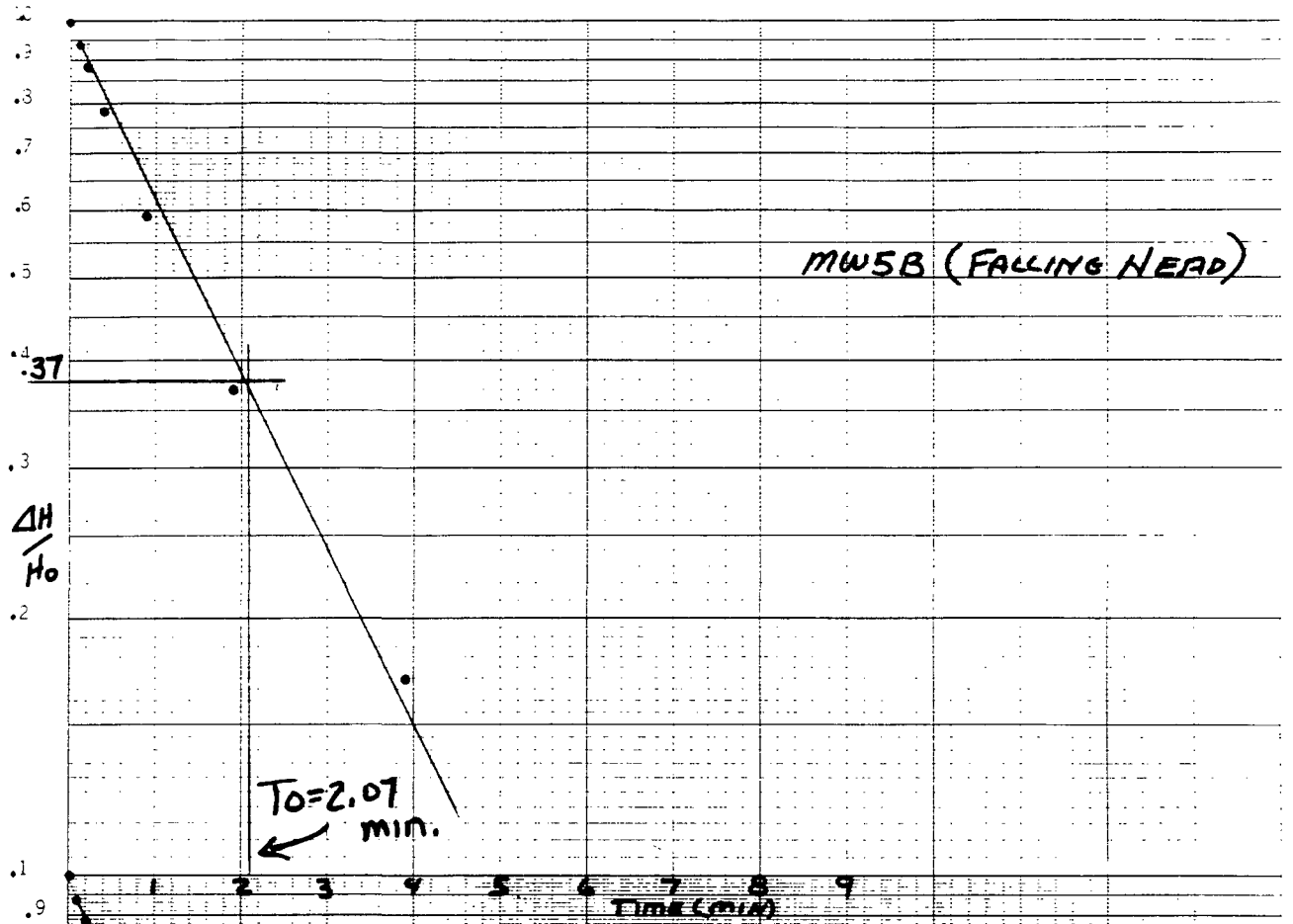
$$K = 6.27 \times 10^{-1} \quad \text{FT/HR.}$$

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

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

46 4970

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



000954

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

MWSB

DEPTH (FT)

WELL

CONSTRUCTION

1.65 —

0 —

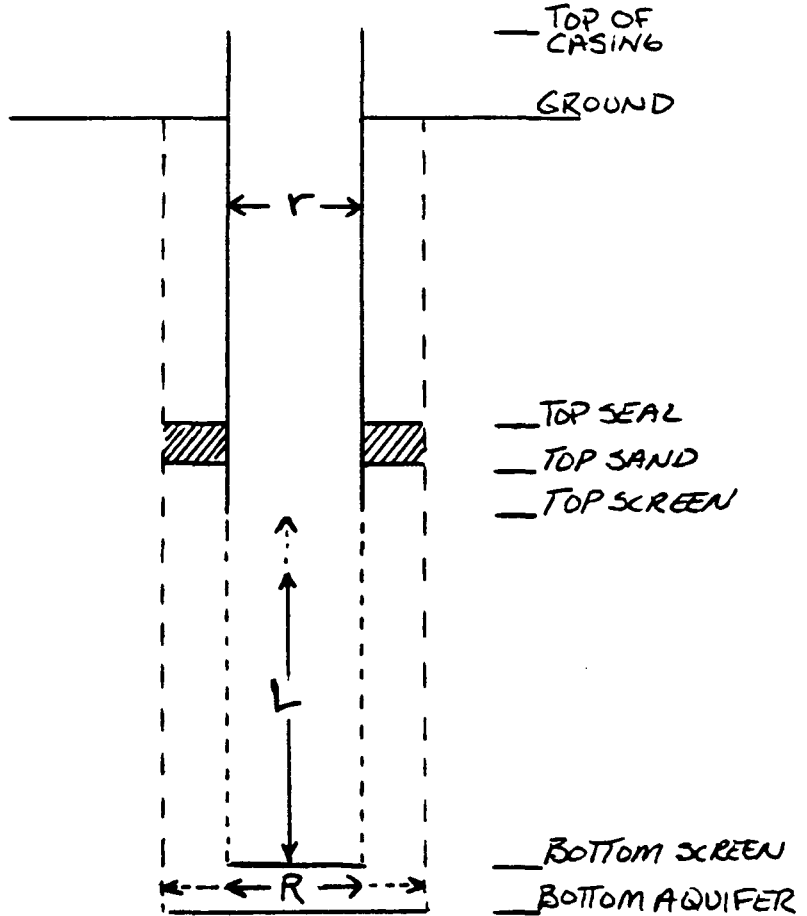
1.5 —

3.0 —

4.0 —

14.0 —

15.0 —



$r = .0833'$

$R = .0833'$

$L = 10'$

$T_0 = 2.07 \text{ min (Falling Head)}$
 $1.90 \text{ min (Rising Head)}$

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

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

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

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

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

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

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

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

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

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

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

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

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

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

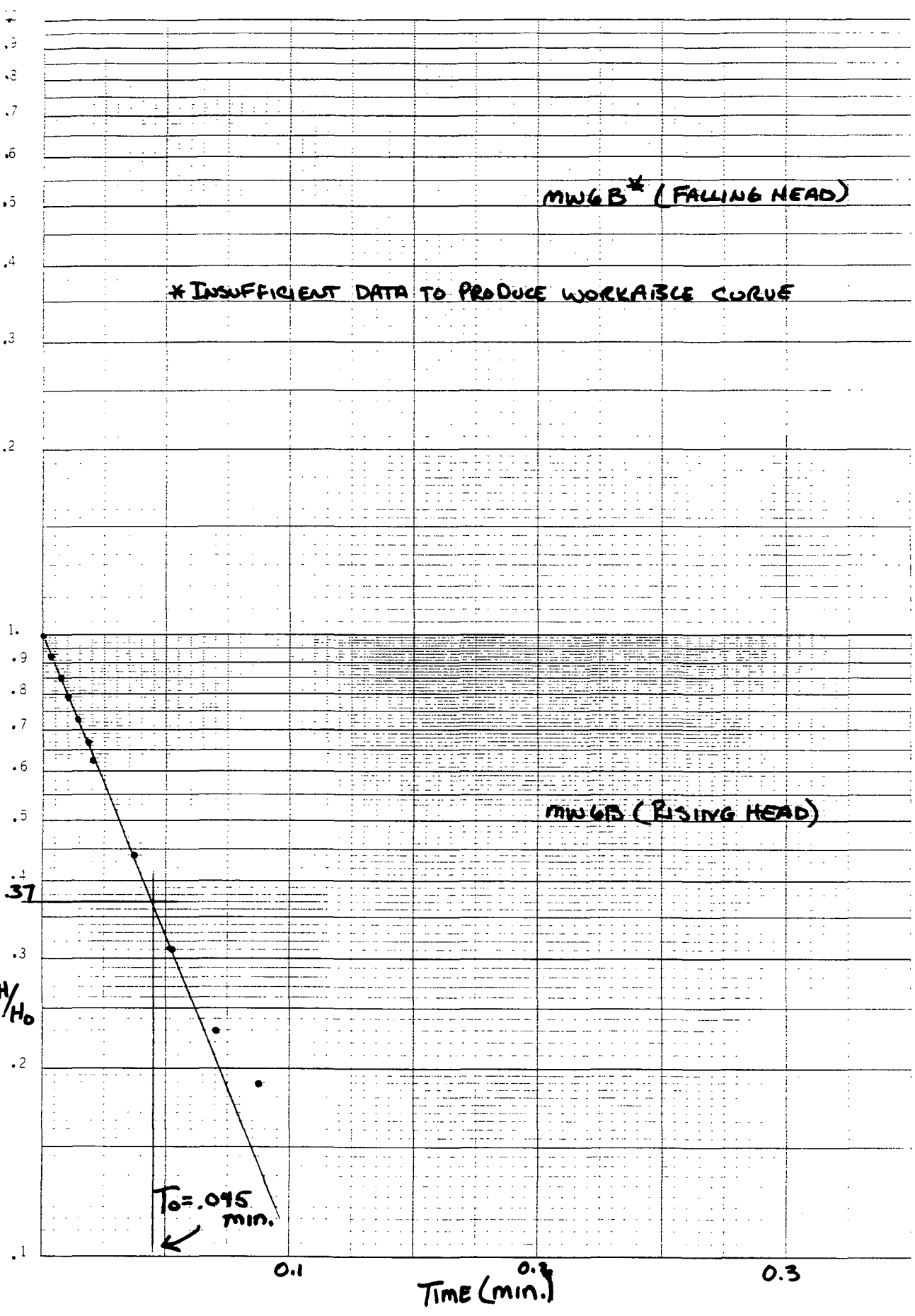
$$K = 1.26 \quad \text{FT/DAY}$$

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

46 4970

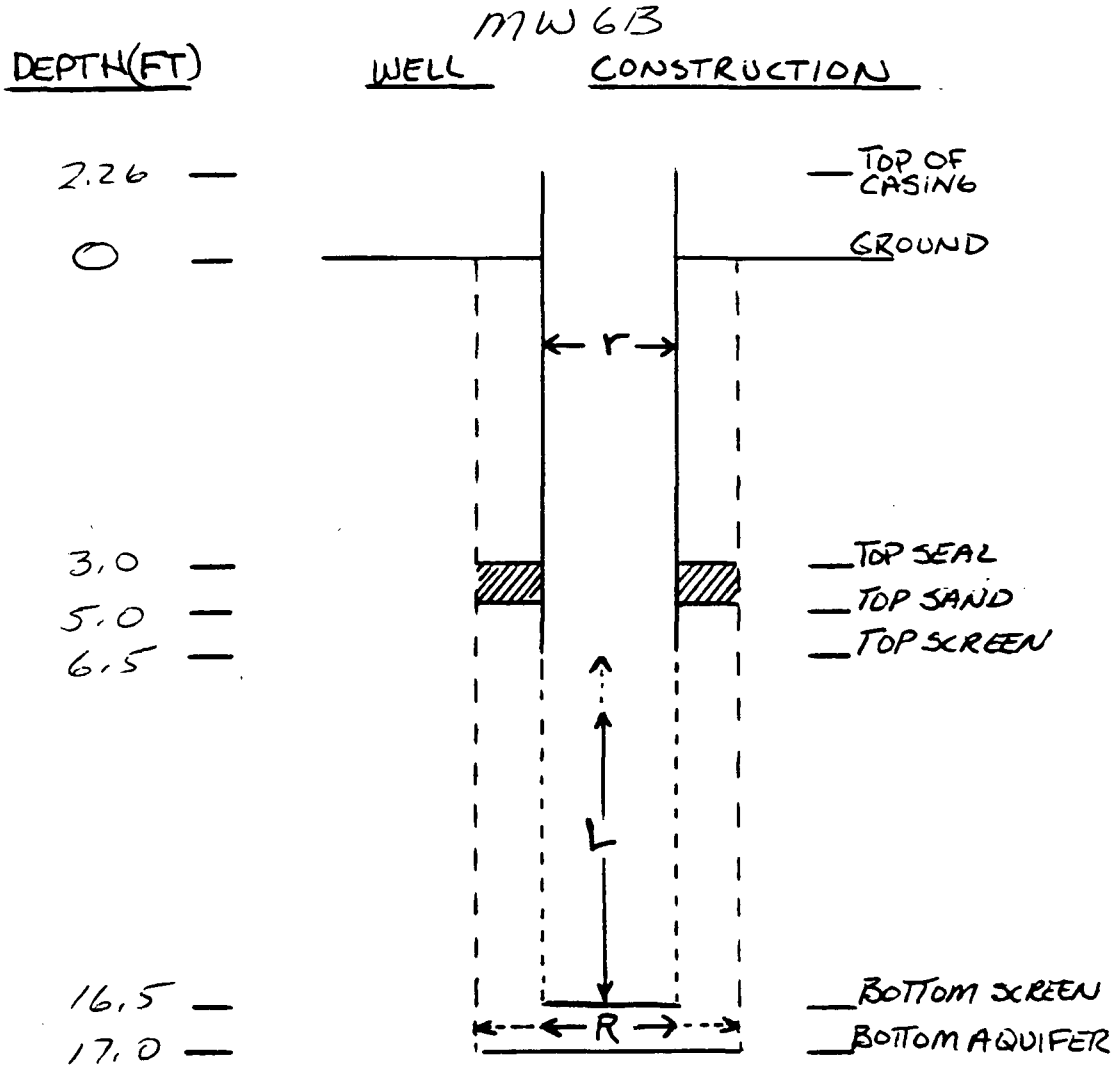
K&E SEMI-LOGARITHMIC PLOTTERS & DIVISIONS
REUFFEL & LESSER CO. MADE IN U.S.A.

$\Delta H/H_0$



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



$$r = .0833'$$

$$R = .0833'$$

$$L = 5.81$$

$T_0 =$ Poor Data (FALLING HEAD)
1.045 min. (RISING HEAD)

CLIENT: USEPA REGION II	FILE NO.: L725 (Byron)	BY: MCH	PAGE 2 OF 2
SUBJECT: CALCULATIONS (HUORSLEV) MW 6B (RISING HEAD)		CHECKED BY: MLM	DATE: 12/28/88

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

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

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

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

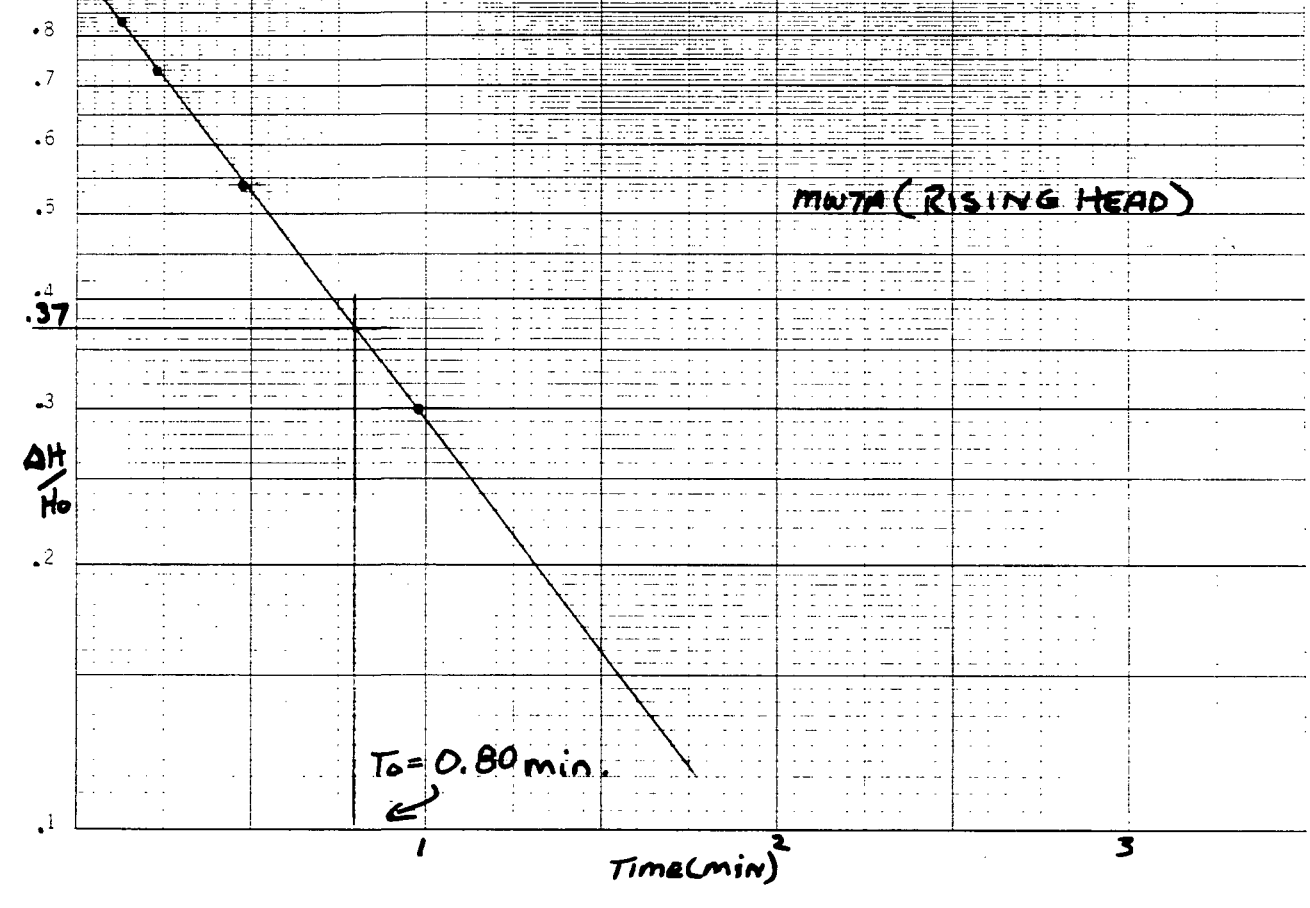
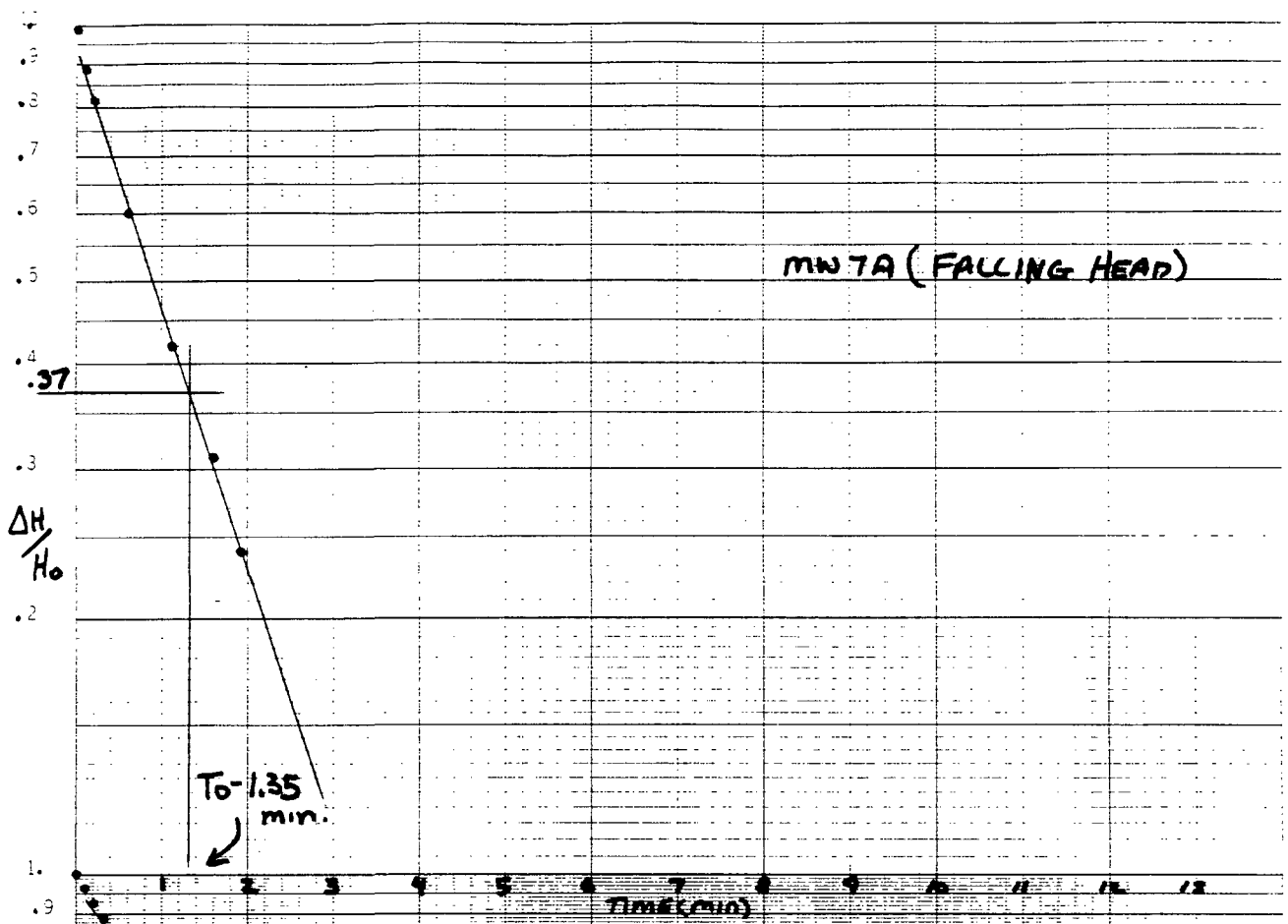
$$K = 3.38 \text{ FT/HR.}$$

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

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

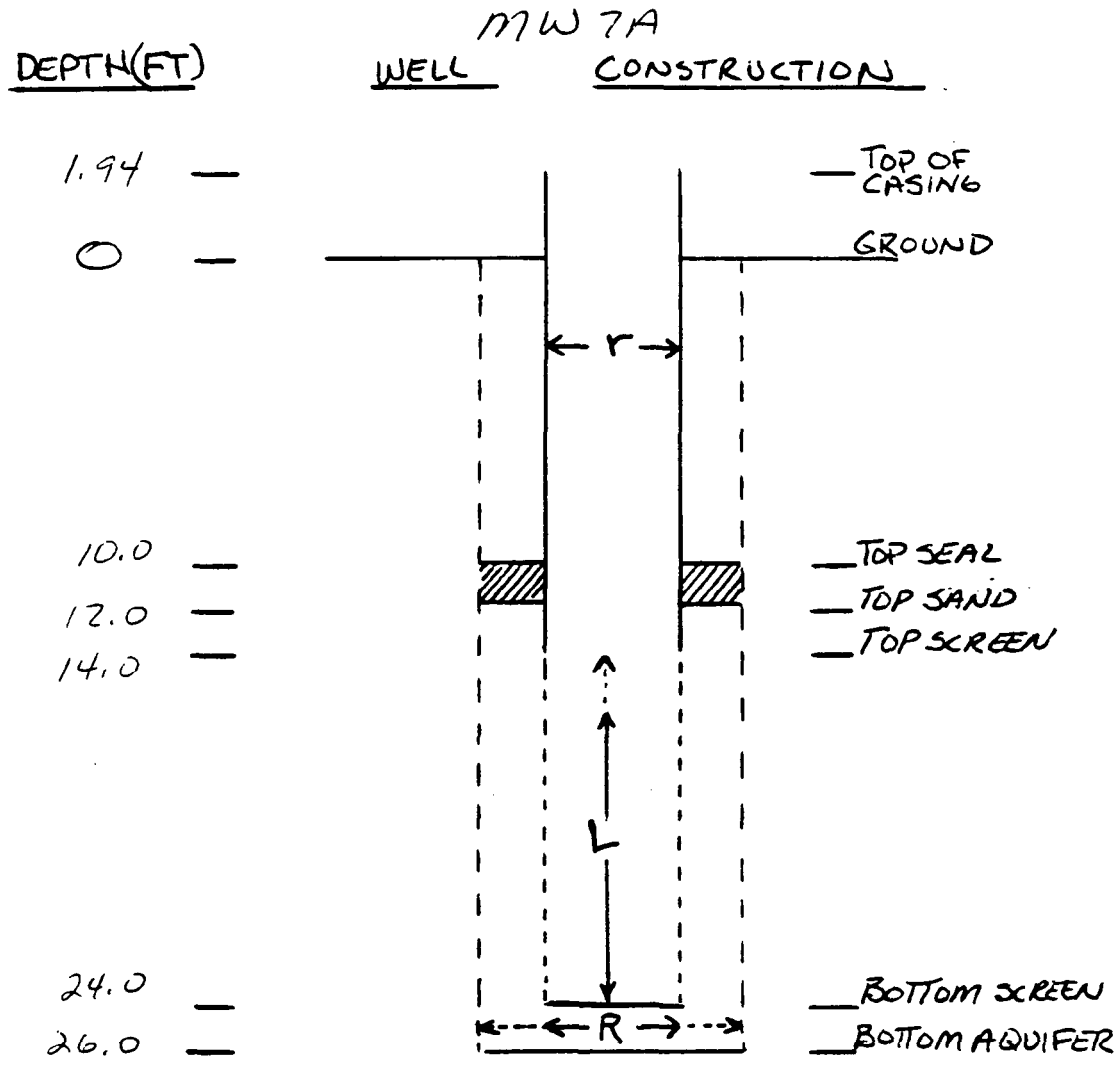
46 4970

KE SEMI-LOGARITHMIC 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



$r = .0833'$
 $R = .0833'$
 $L = 10'$

$T_0 = 1.35 \text{ min. (FALLING HEAD)}$
 $\quad .30 \text{ min (RISING HEAD)}$

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: 12/28/93

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

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

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

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

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

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

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

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

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

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

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

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

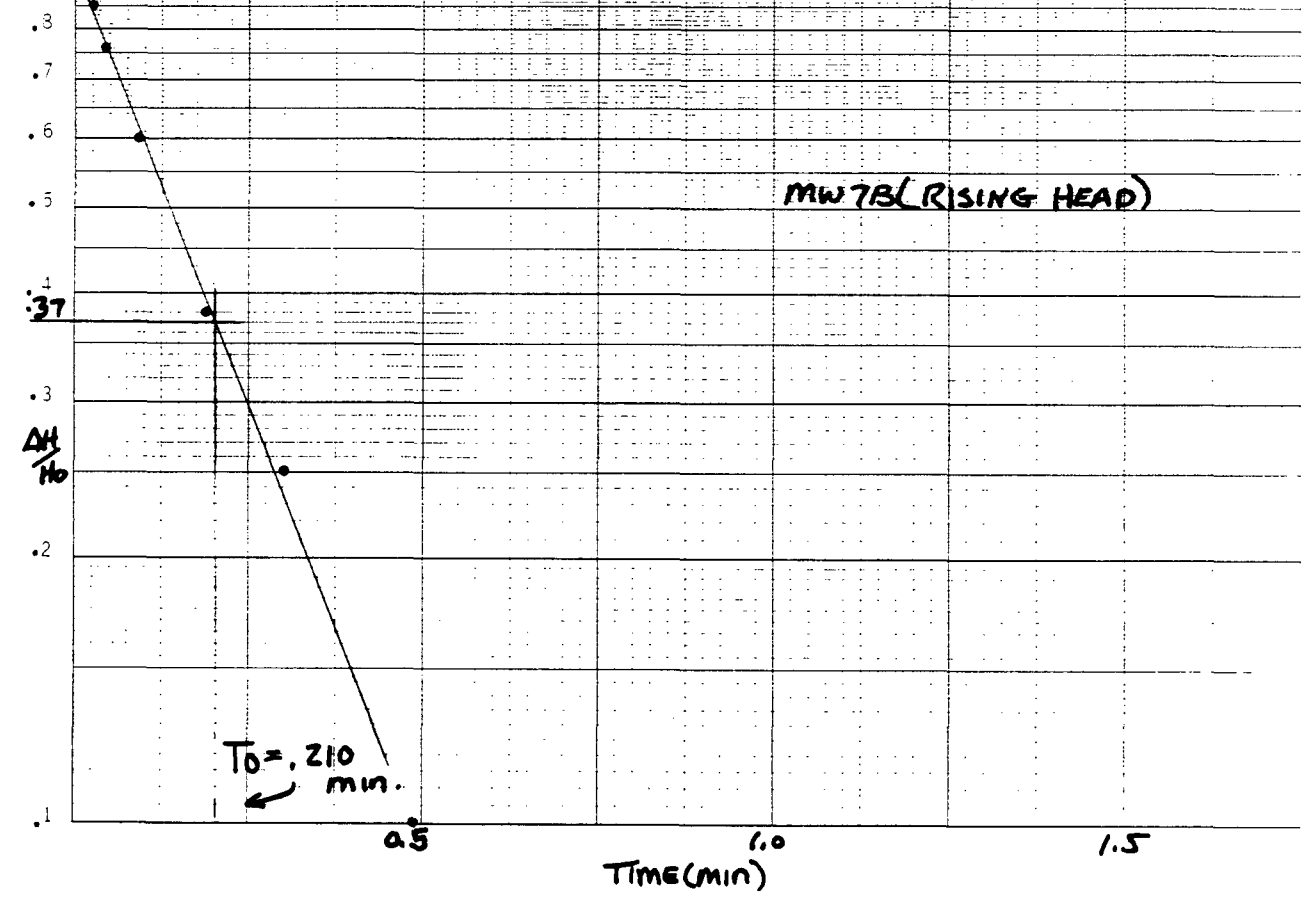
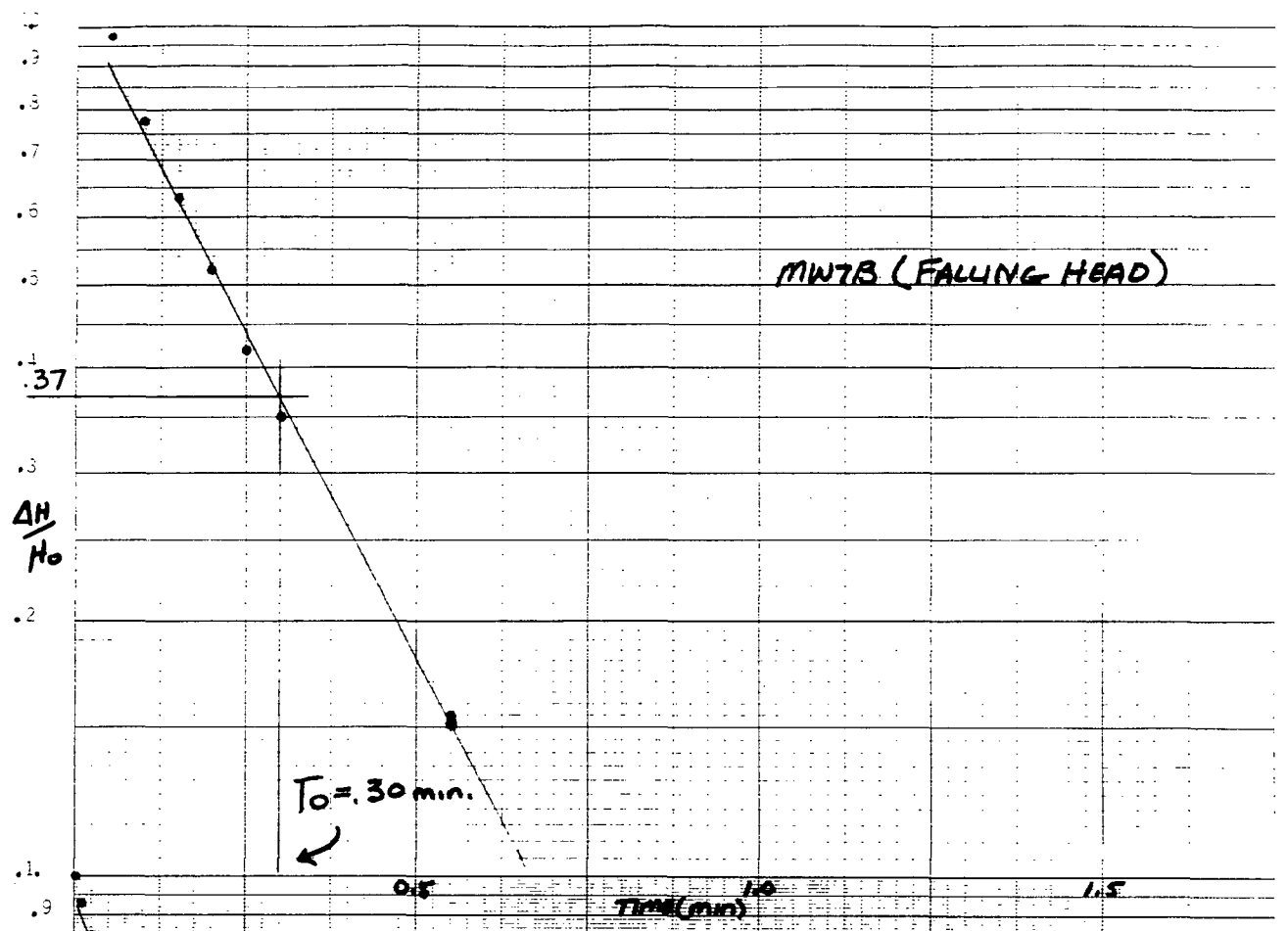
$$K = 1.25 \times 10^{-1} \quad \text{FT/NR.}$$

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

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

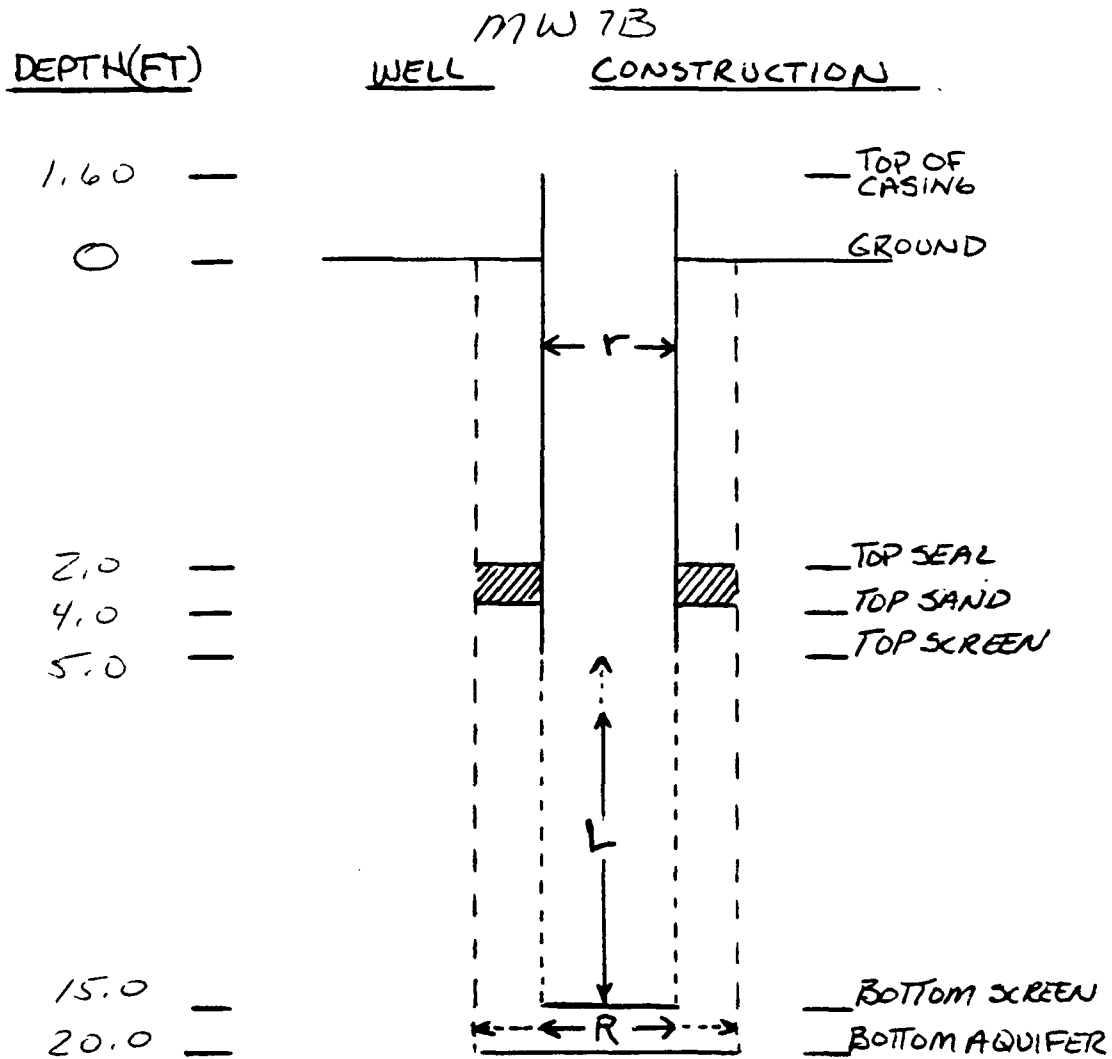
46 4970

K&E SEMI-LOGARITHMIC PAPER 11.5 X 10 DIVISIONS
REUFFEL & 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 7B (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: 12/22/88

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

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

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

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

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

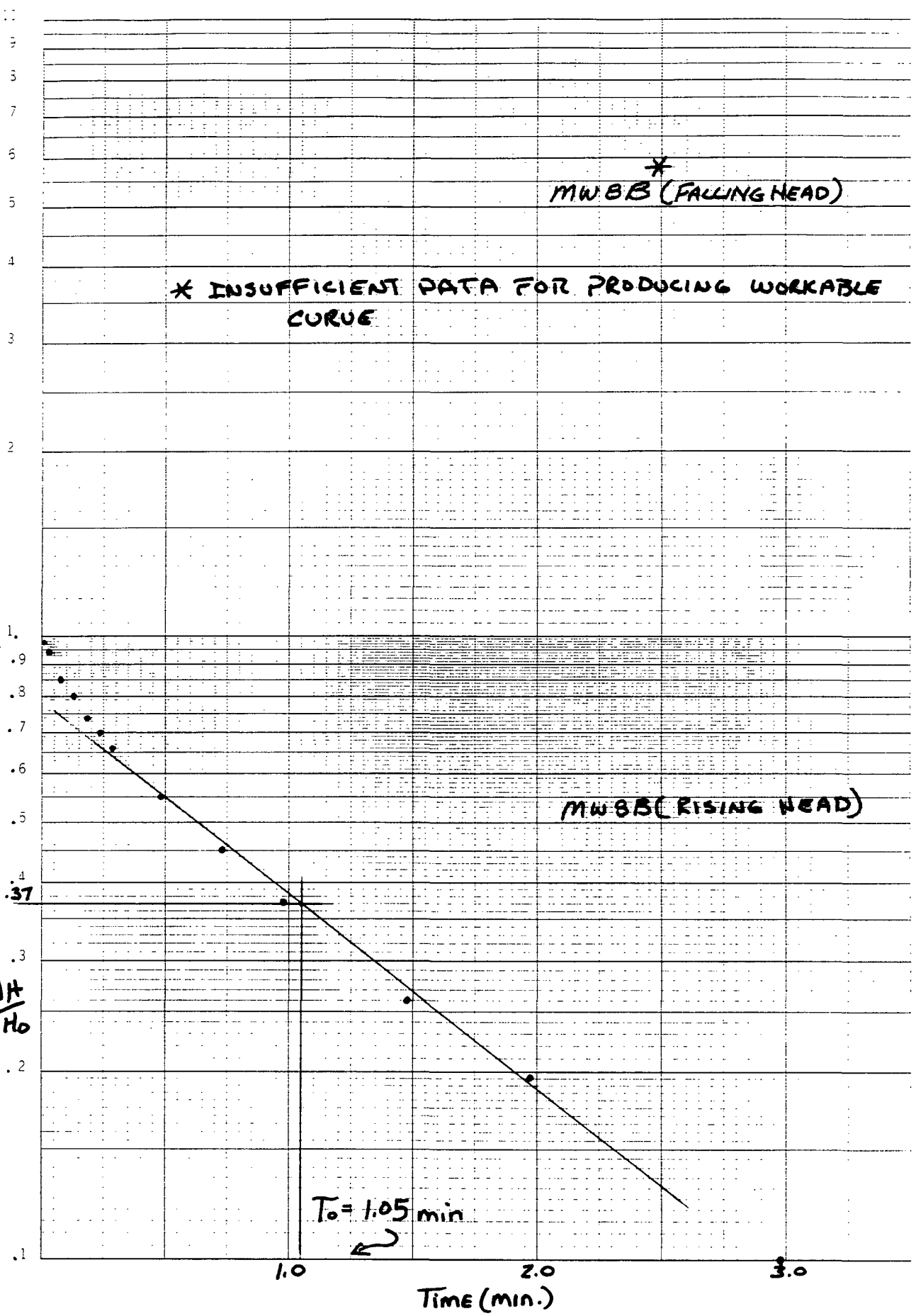
$$K = 11.40 \quad \text{FT/DAY}$$

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

46 4970

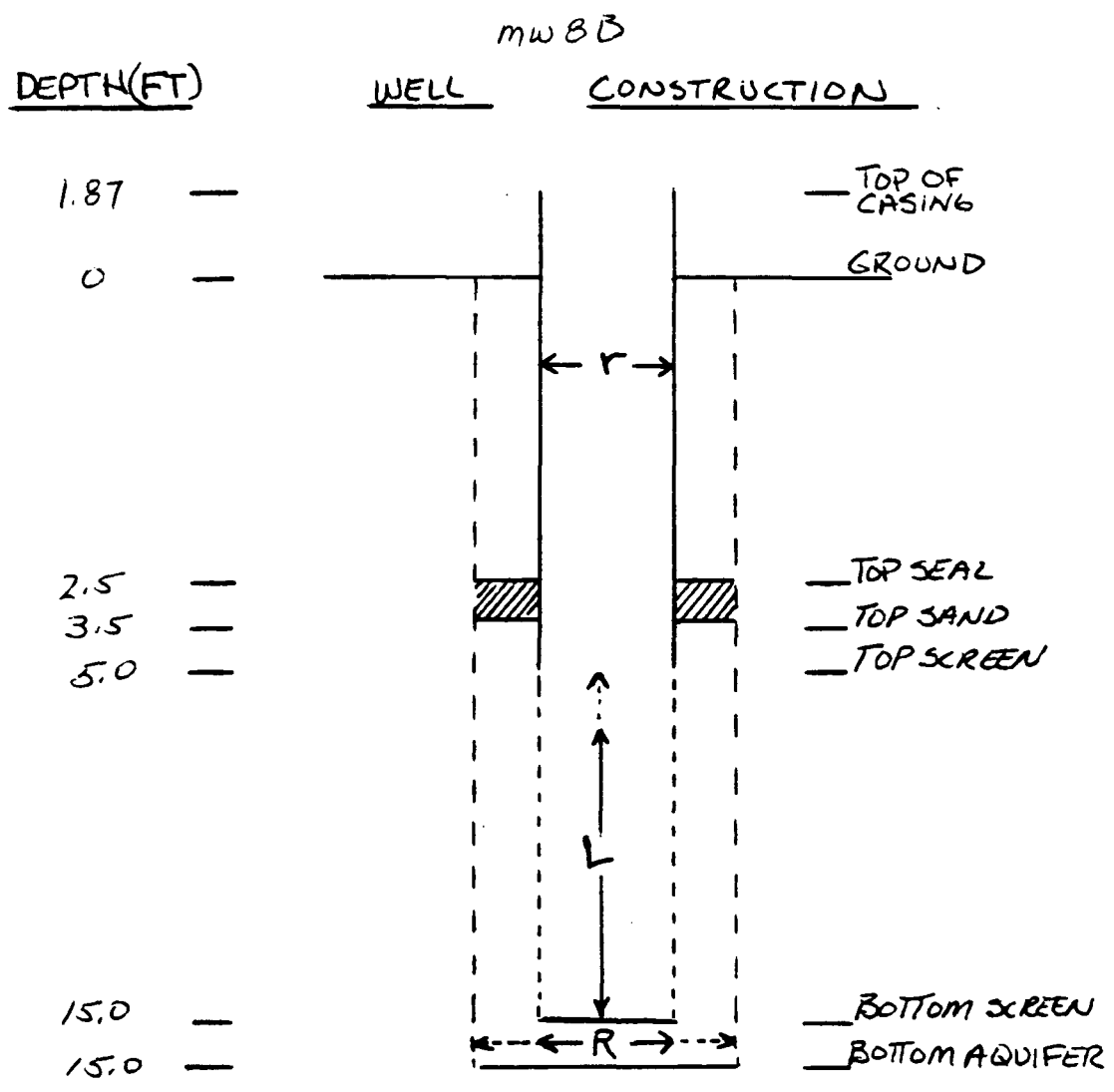
SEMILOGARITHMIC PAPER DIVISIONS
KEUFFEL & ESSER CO. MADE IN U.S.A.

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



000975

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



$r = .0833'$
 $R = .0833'$
 $L = 9.67'$
 $T_0 = 1.05 \text{ min. (Rising Head)}$
 (Falling Head Data Inconclusive)

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

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

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

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

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

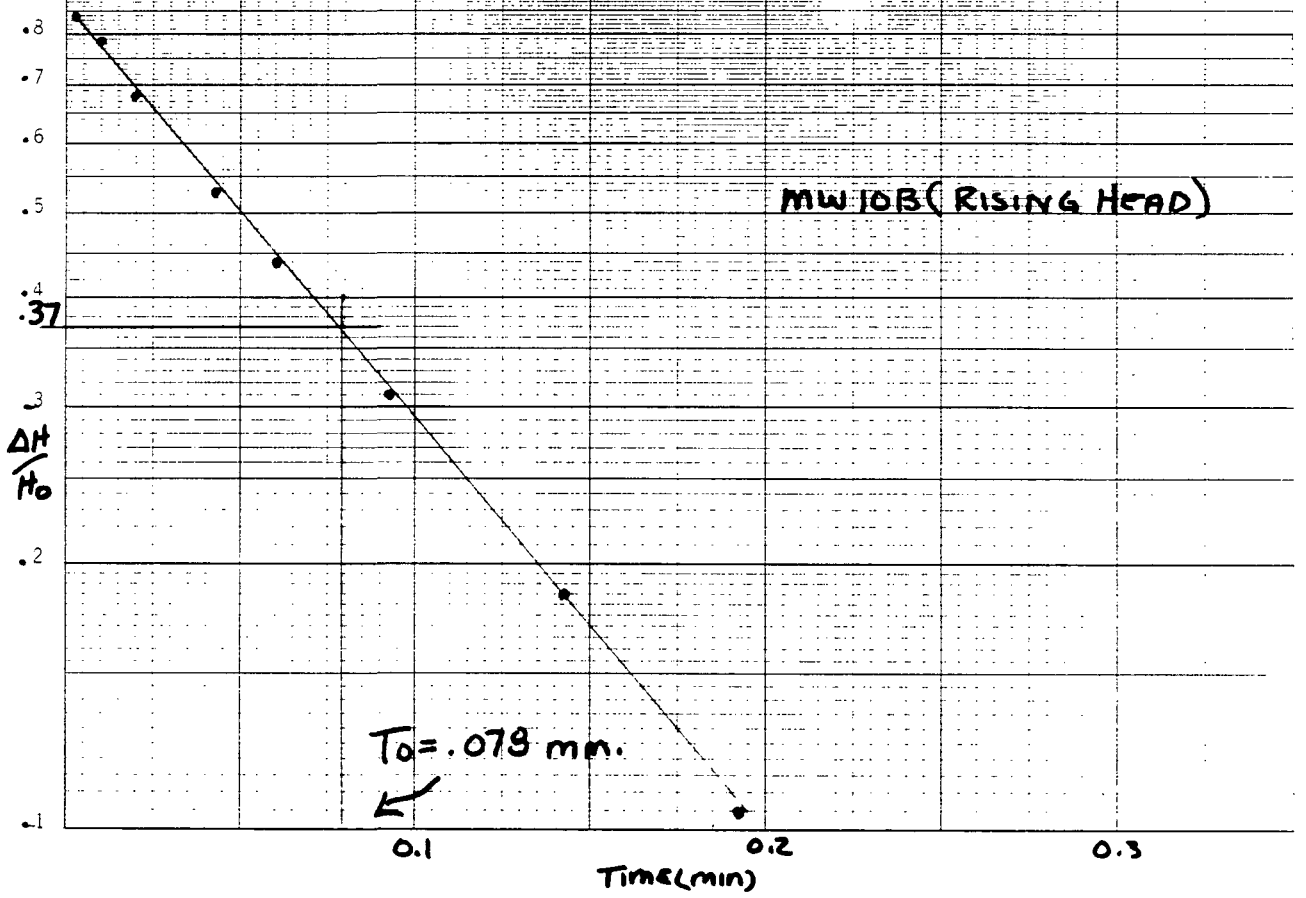
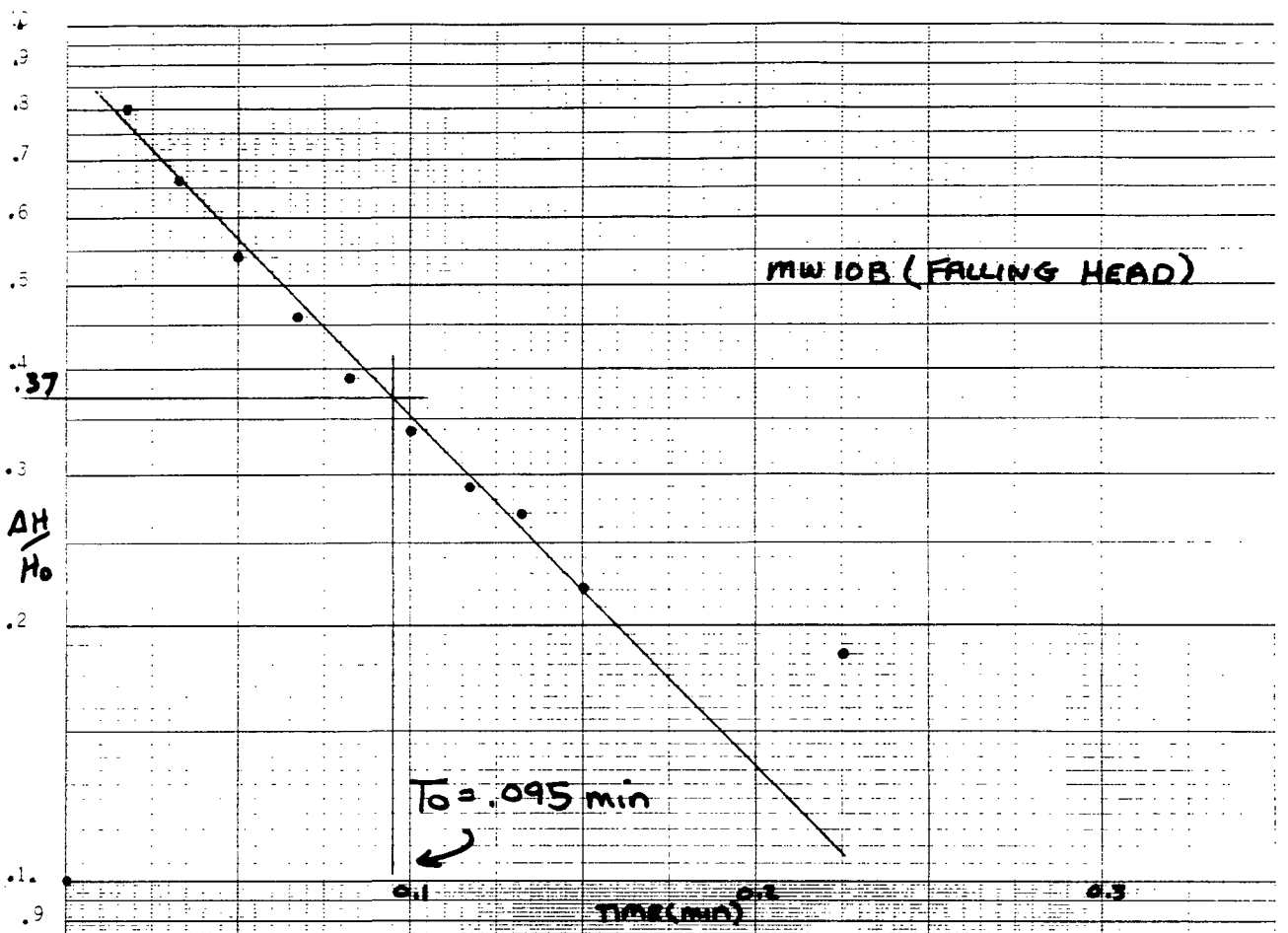
$$K = 9.74 \times 10^{-2} \quad \text{FT/NR.}$$

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

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

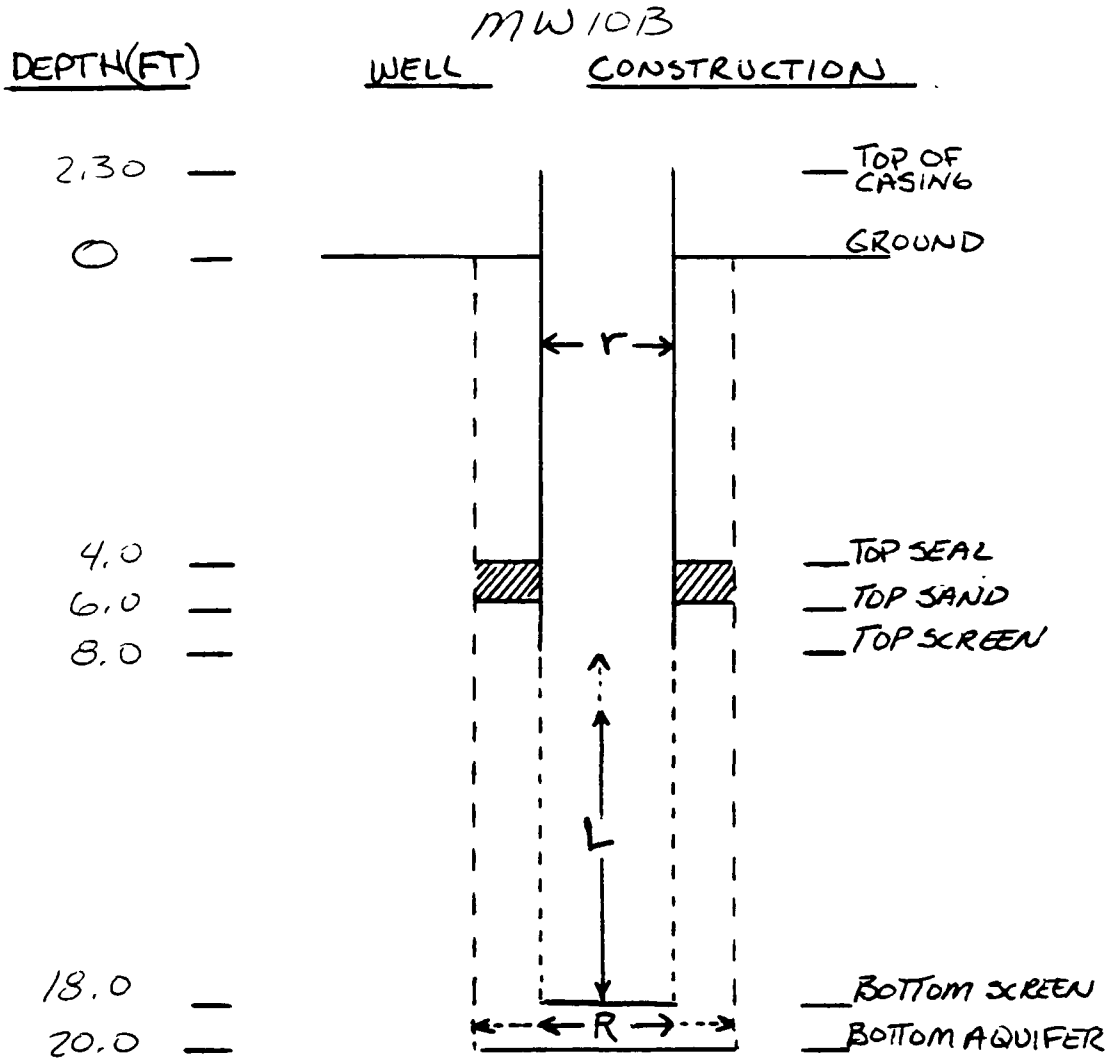
46 4970

SEMI-LOGARITHMIC PLOTTER WITH 10 DIVISIONS
REUFEL & ESSER CO. MADE IN U.S.A.



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

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

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

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

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

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

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

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

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

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

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

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

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

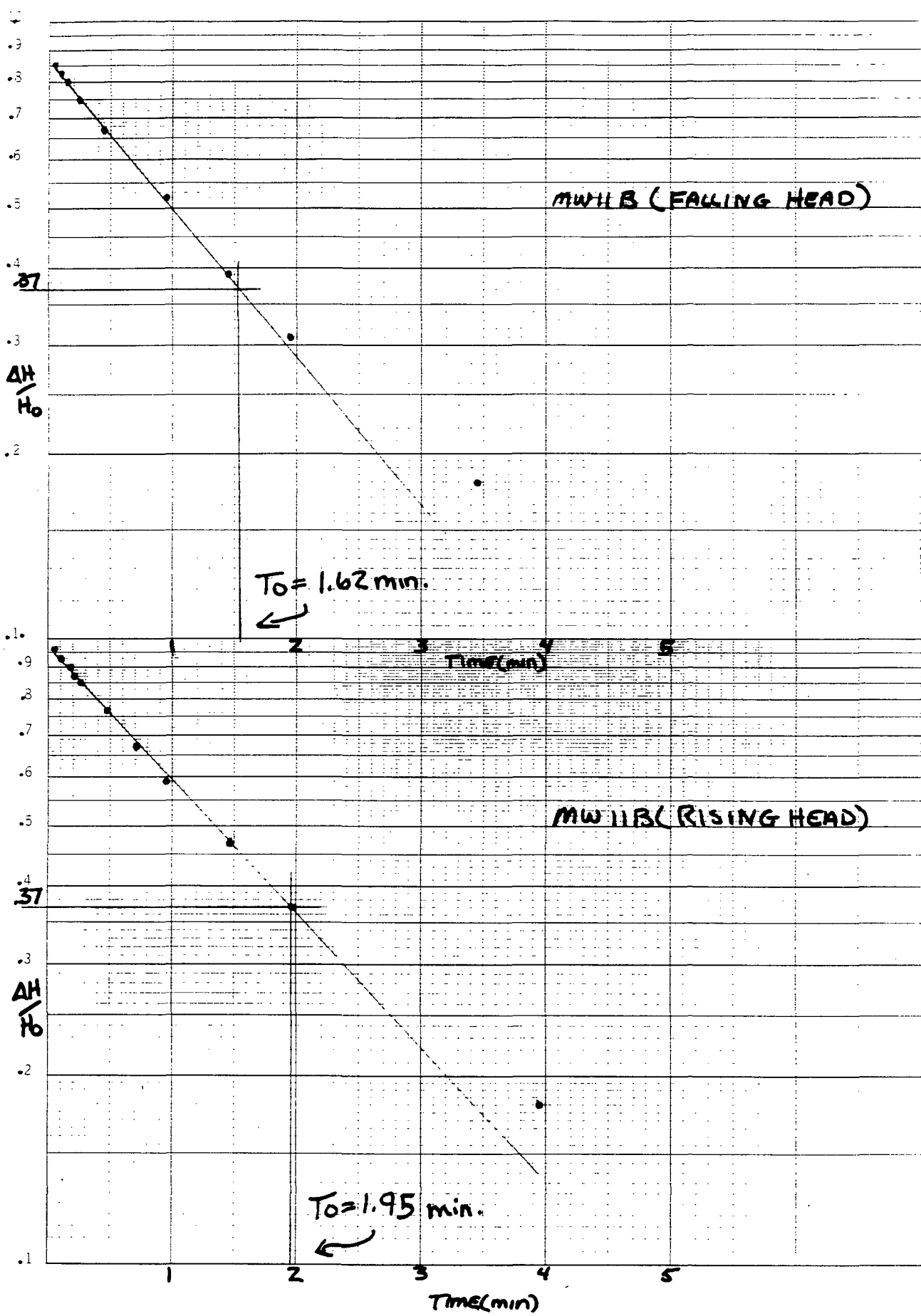
$$K = 1.28 \text{ FT/HR.}$$

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

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

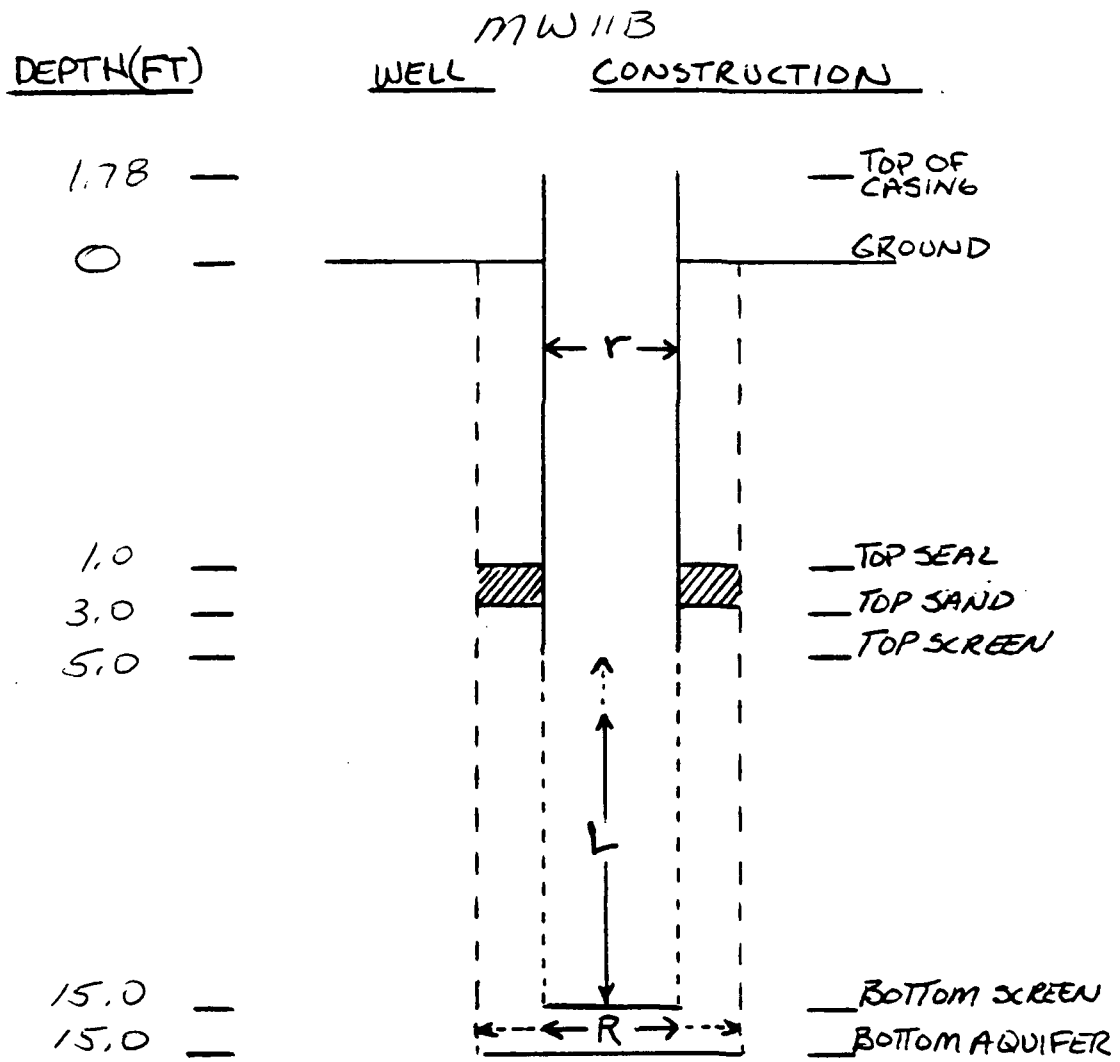
46 4970

KE SEMI-LOGARITHMIC PLOTTER, X-70 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 (NUORSLEU)	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: 12/28/88

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

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

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

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

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

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

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

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

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

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

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

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

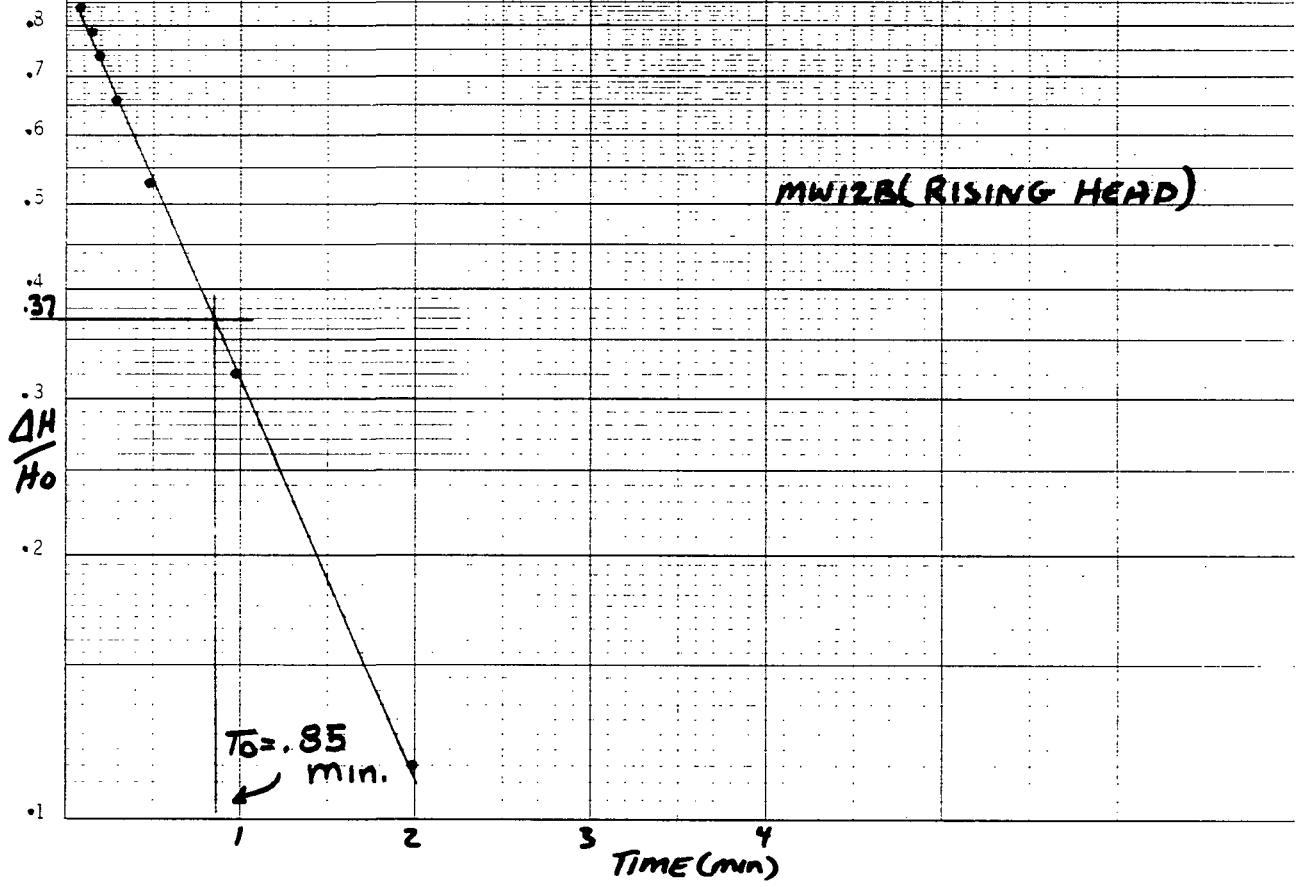
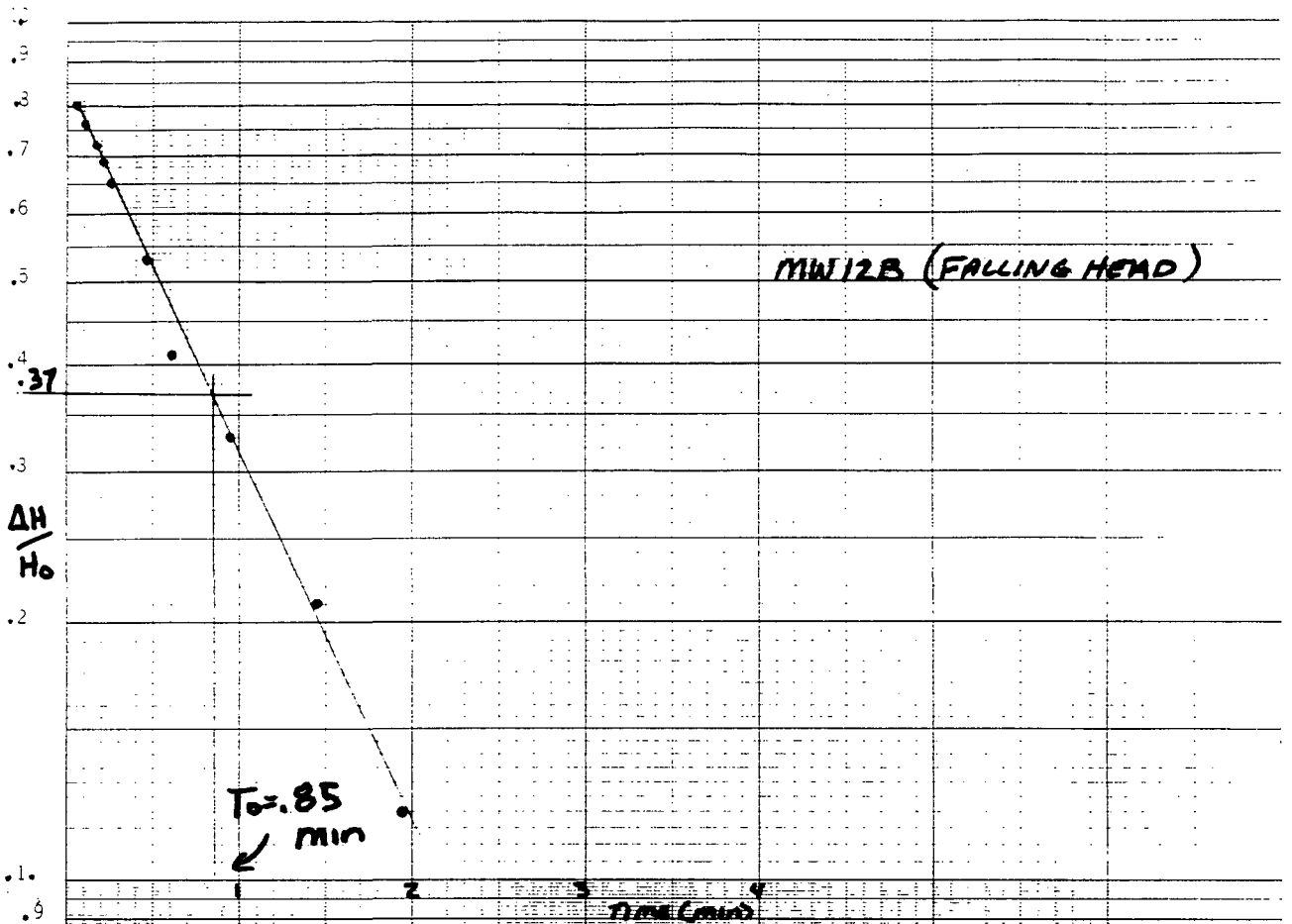
$$K = 5.11 \times 10^{-2} \quad \text{FT/NR.}$$

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

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

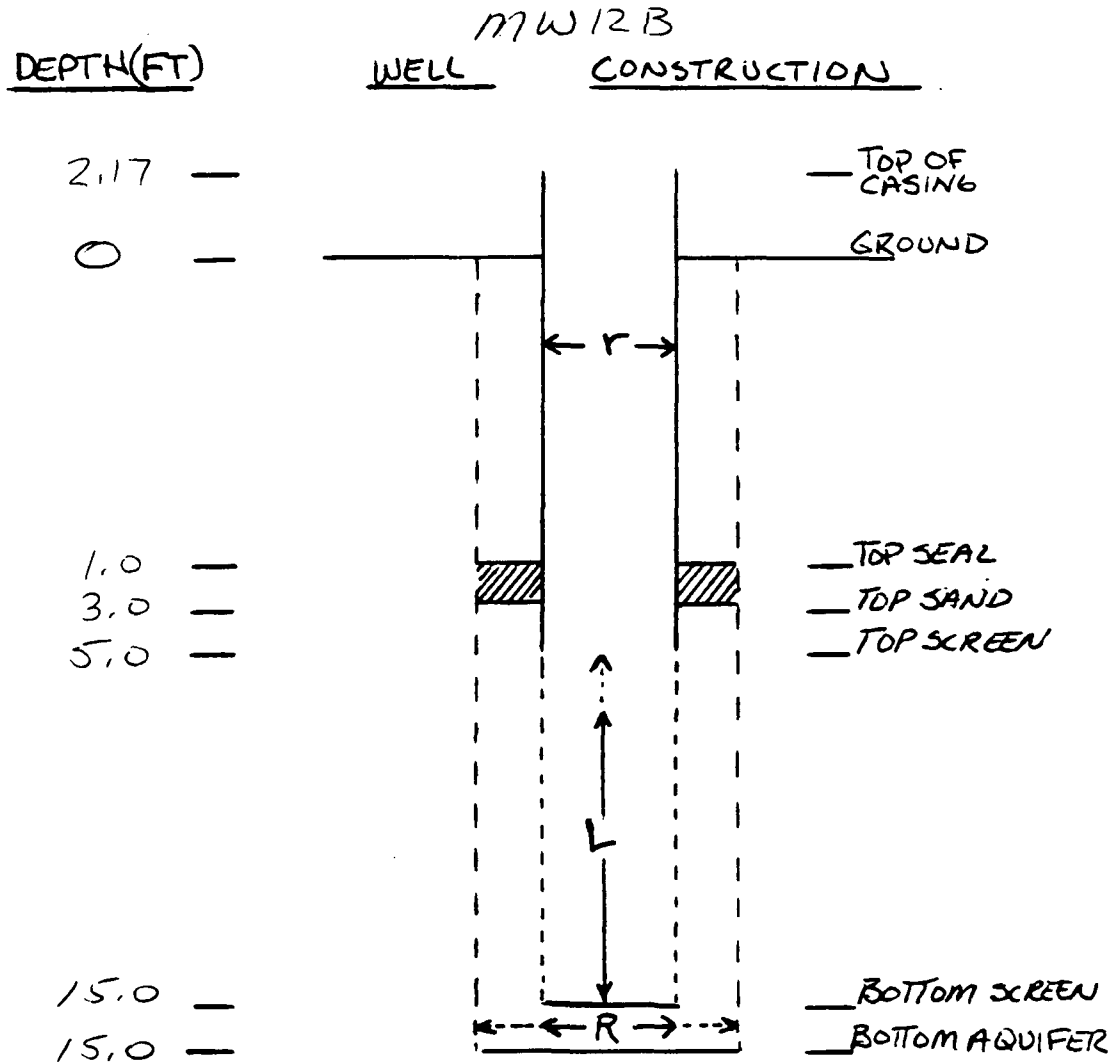
46 4970

SEMI-LOGARITHMIC PLOT SHEETS - 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



$$r = .0833'$$

$$R = .0833'$$

$$L = 10'$$

$$T_0 = .85 \text{ min (FALLING HEAD)}$$

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

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:

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

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

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

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

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

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

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

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

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

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

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

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

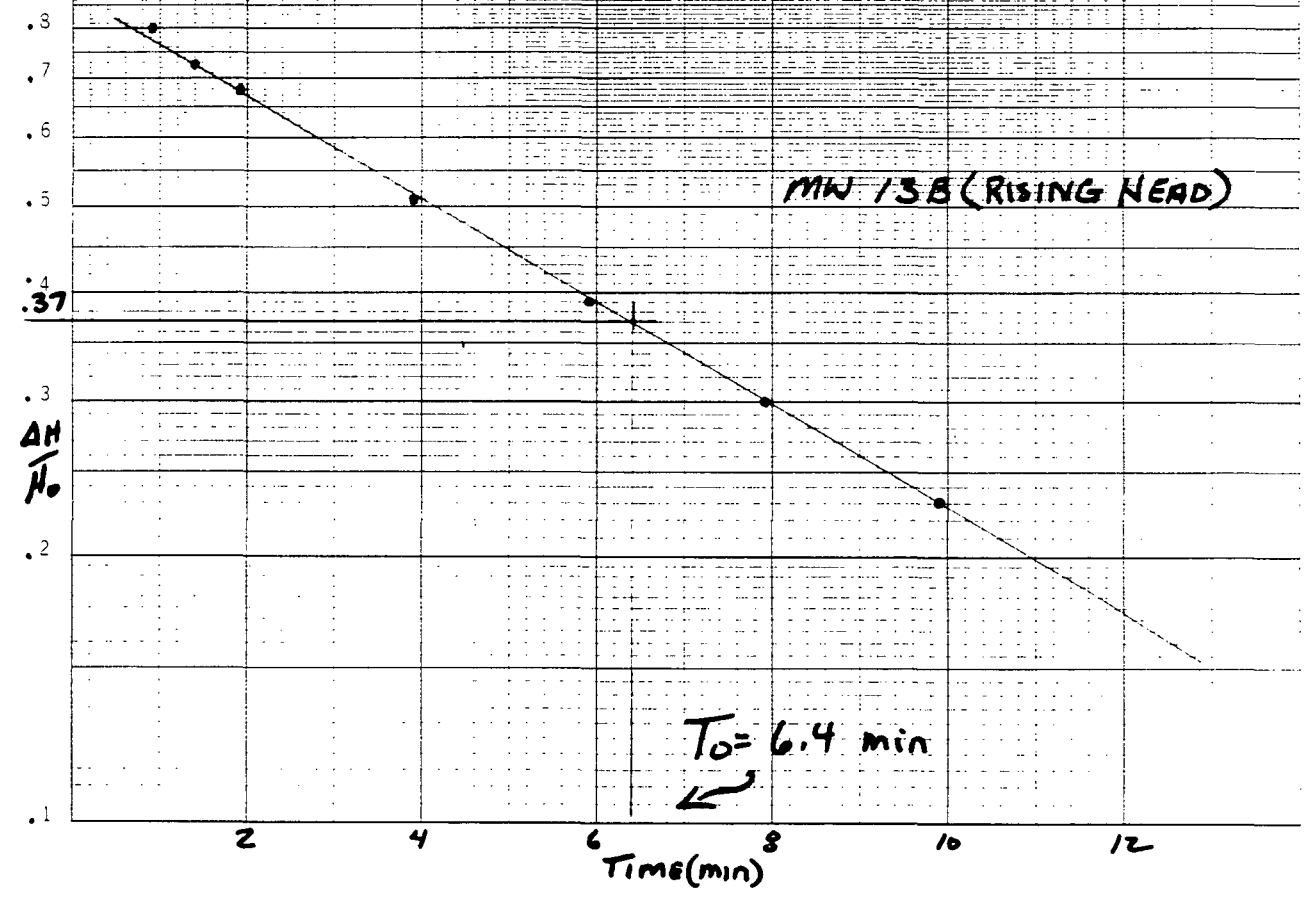
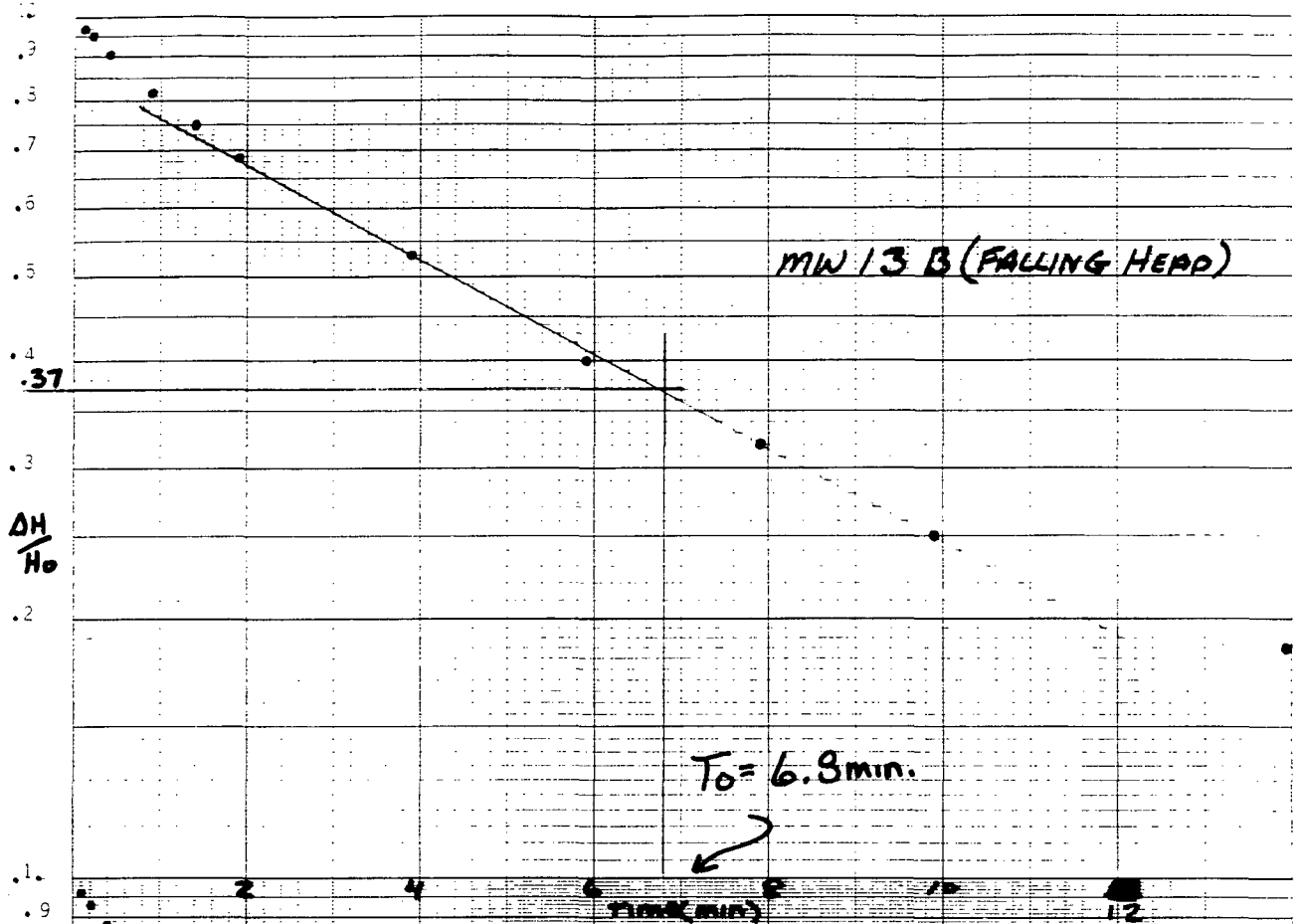
$$K = 1.17 \times 10^{-1} \text{ FT/HR.}$$

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

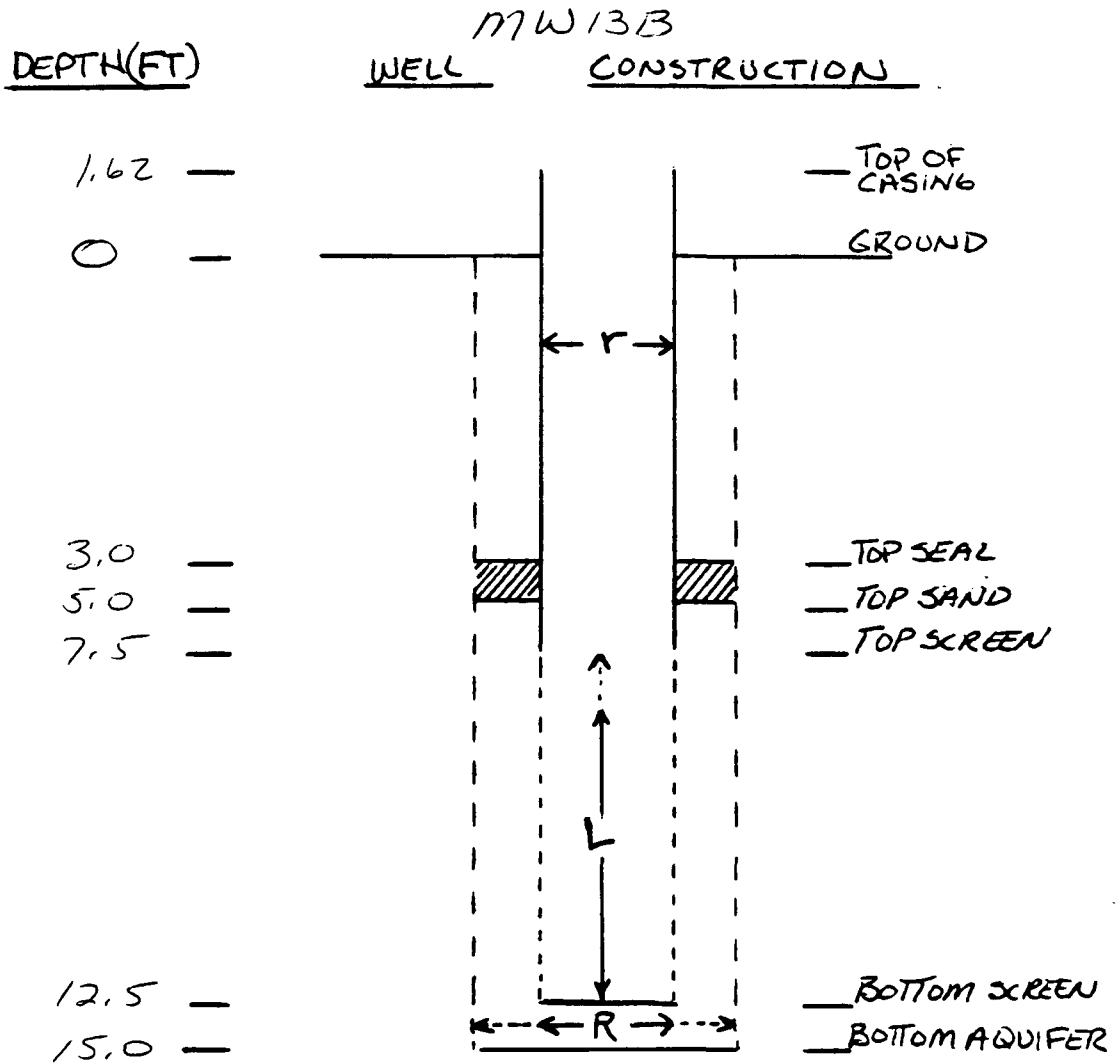
$$K = 9.93 \times 10^{-4} \text{ CM/SEC.}$$

46 4970

SEMI-LOGARITHMIC PLOT TYPE A-10 DIVISIONS
KEUFFEL & ESSER CO. MADE IN U.S.A.



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



$$r = .0833'$$

$$R = .0833'$$

$$L = 5'$$

$$T_0 = 6.8 \text{ min. (FALLING HEAD)}$$

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

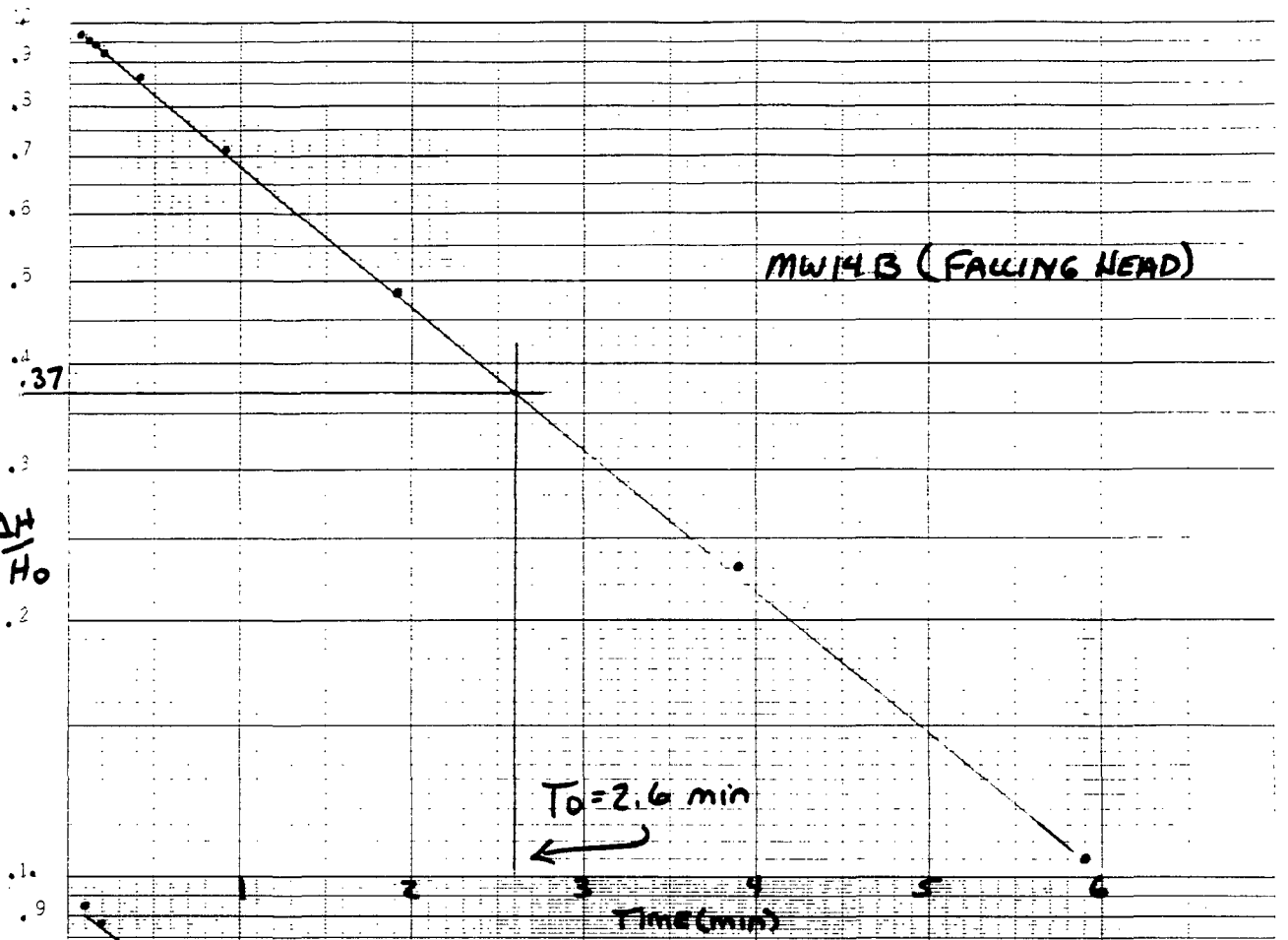
$$K = 6.39 \times 10^{-1} \text{ FT/DAY}$$

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

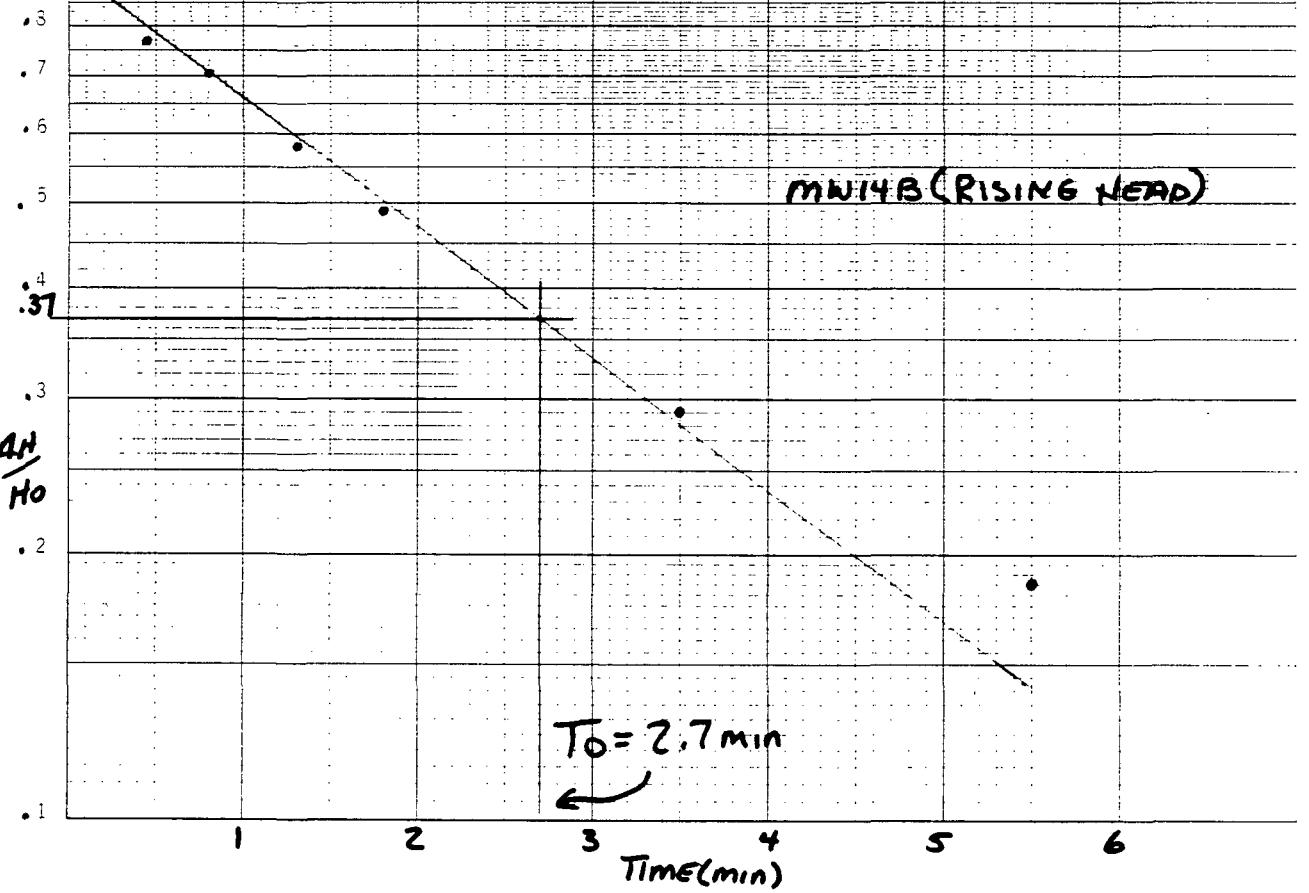
46 4970

K&E SEMI-LOGARITHMIC PLOTTERS & DIVIDERS
KEUFFEL & ESSER CO. MADE IN U.S.A.

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

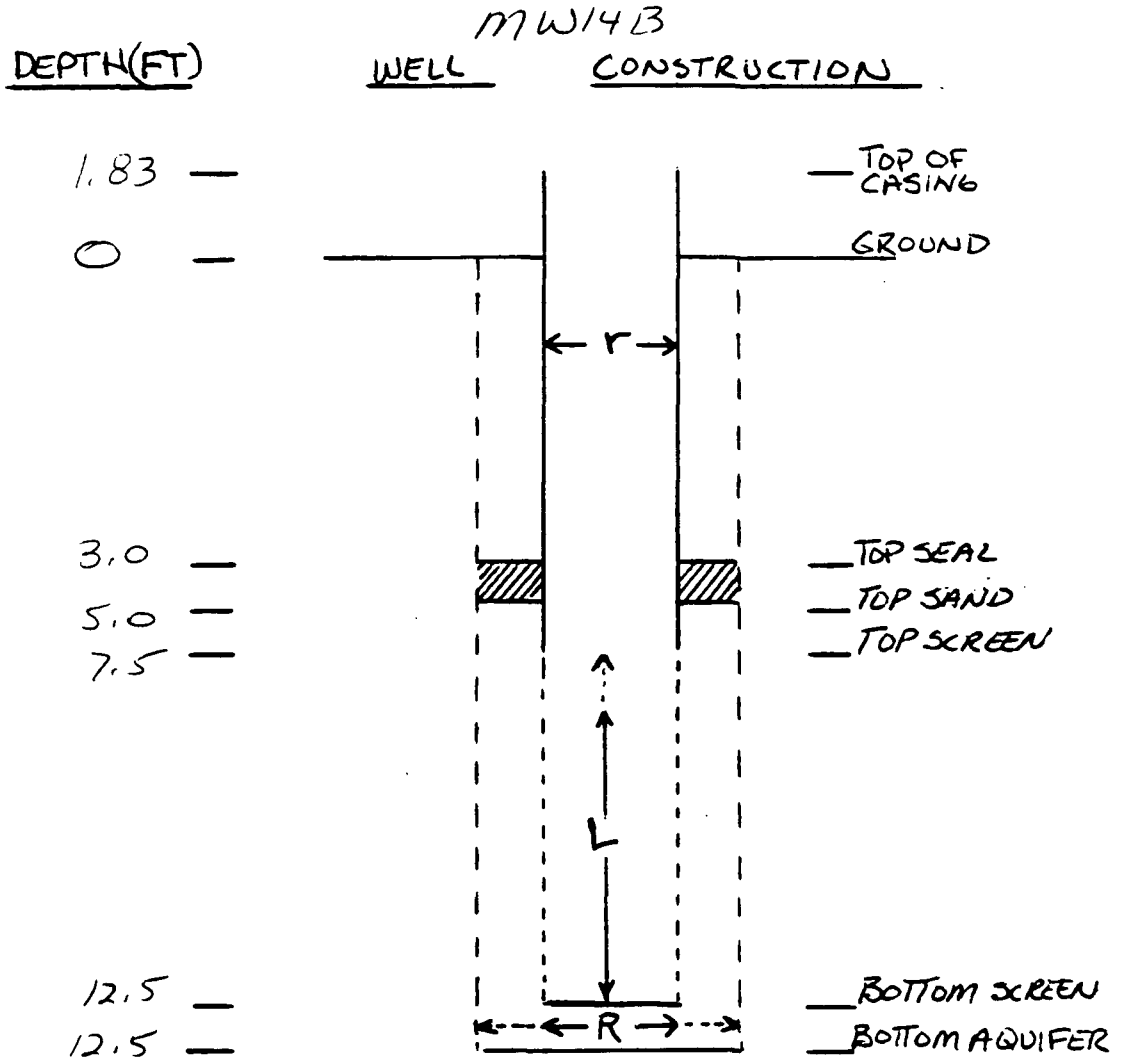


$\frac{\Delta H}{H_0}$



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



$r = .0833'$
 $R = .0833'$
 $L = 5'$

$T_0 = 2.6$ min. (FALLING HEAD)
 2.7 min. (RISING HEAD)

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

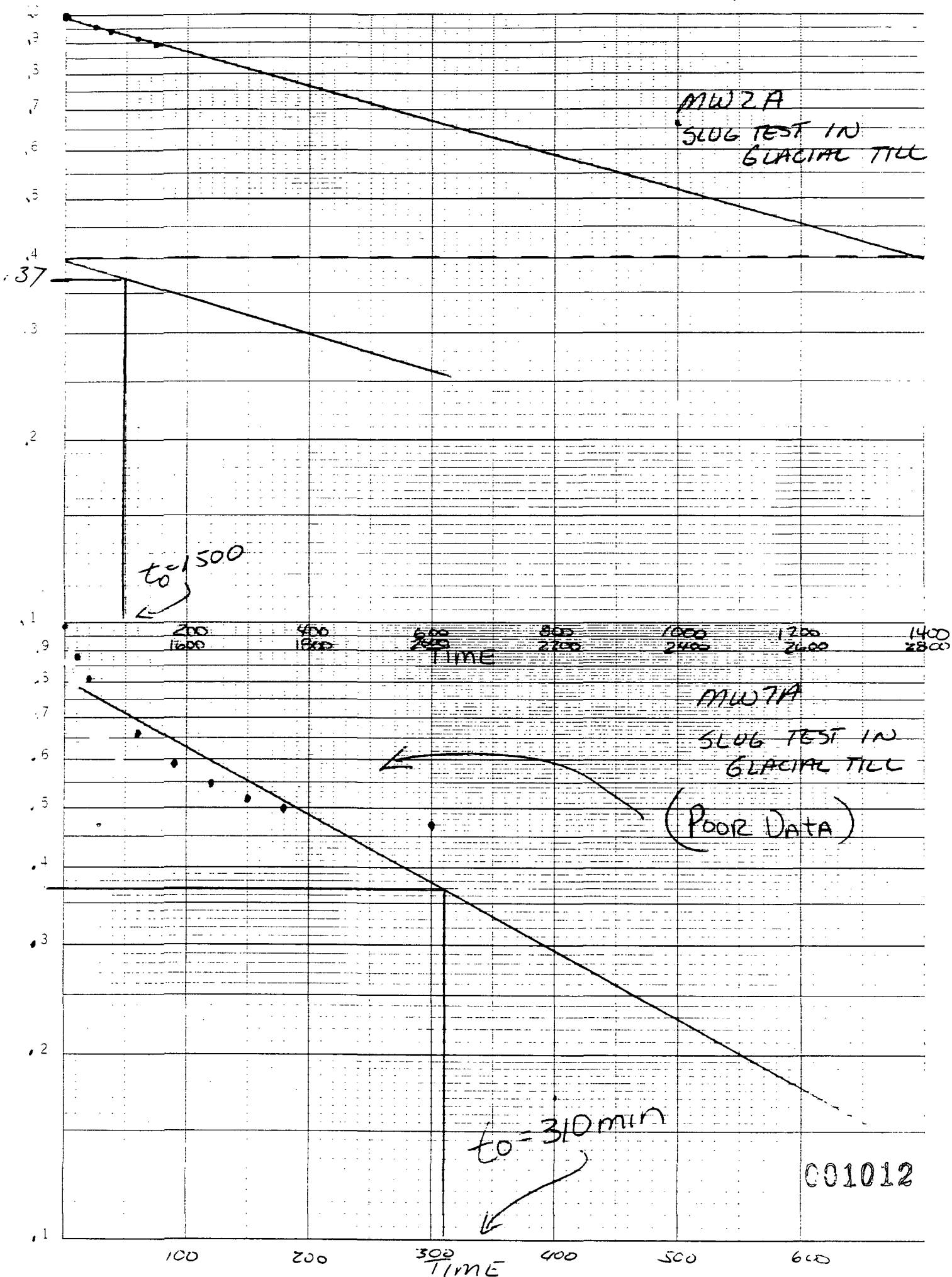
$$K = 5.34 \times 10^{-4} \text{ CM/SEC.}$$

HYDRAULIC CONDUCTIVITY

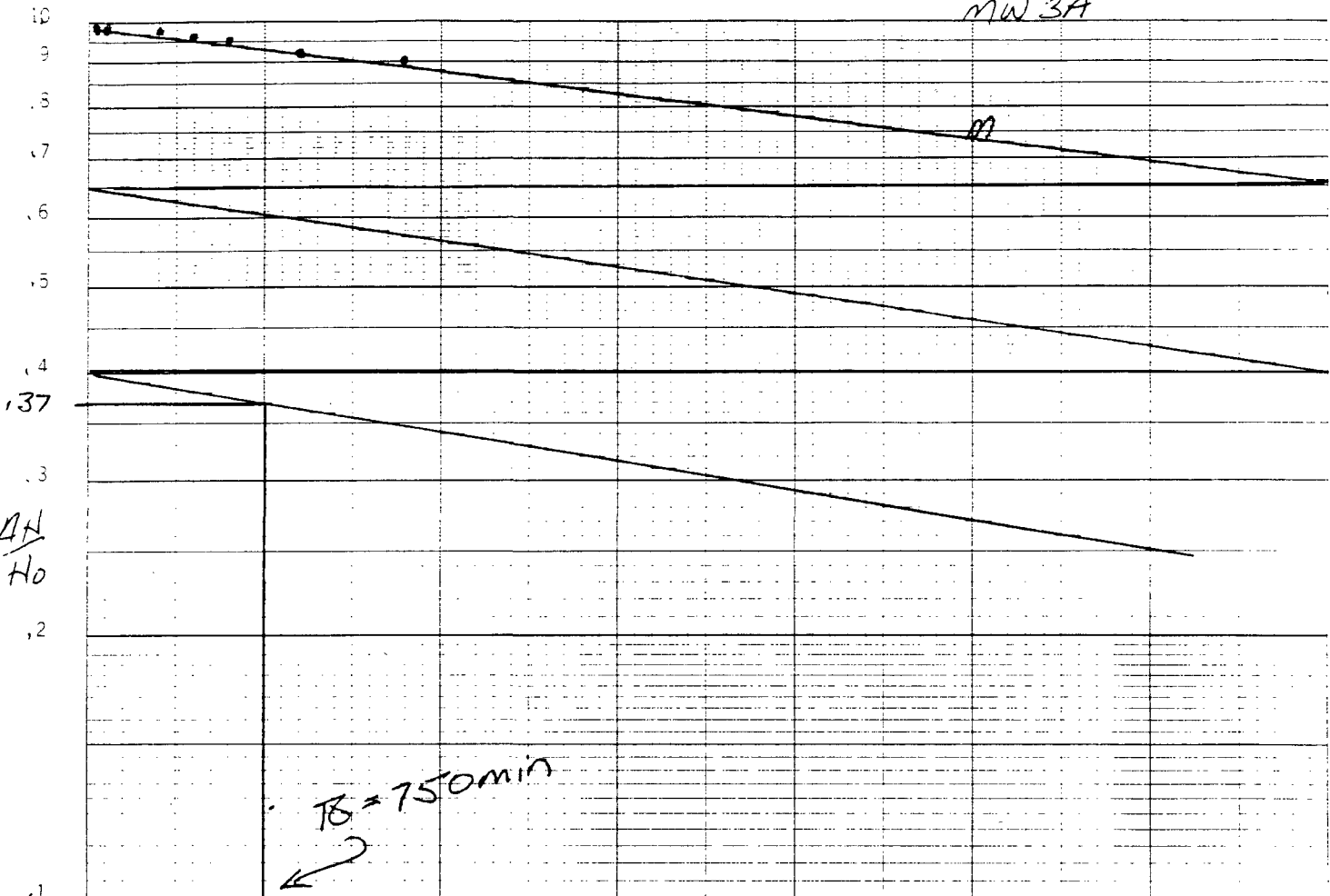
GLACIAL TILL

CC1008

MW7A + MW2A (SLUG TEST; HORSLEY)



MW 3A



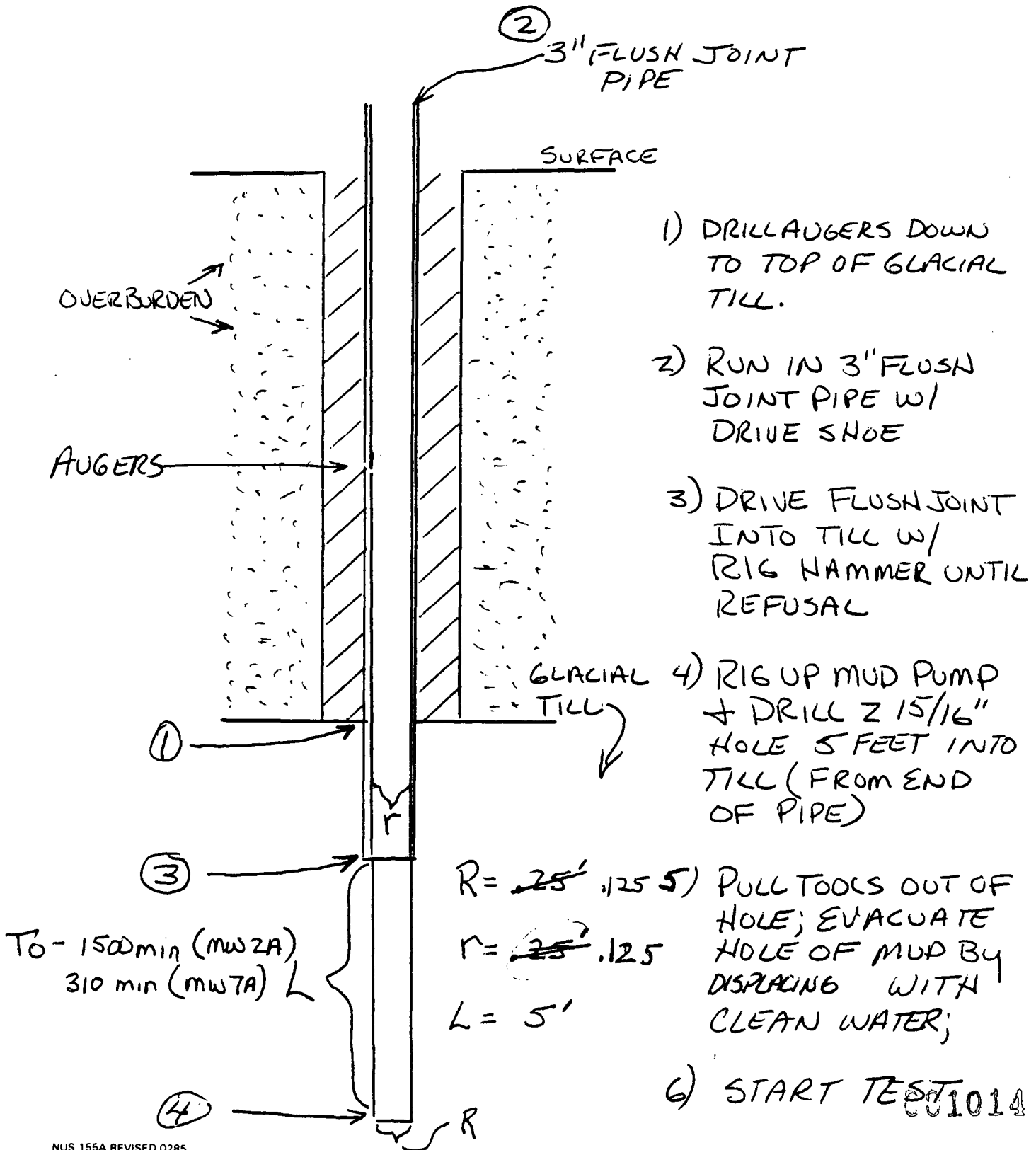
1ST LEVEL	100	200	300	400	500	600	700	800	900	1000
2ND LEVEL	400	500	600	700	800	900	1000			
3RD LEVEL		800	TIME	900						

CC1013

46
4H
Ho

DIVISION
MILL
THIN
DIFFER

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	DATE: 5-21-89



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

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

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

$$\frac{2(5)(1500)}$$

$$K = \frac{.0156}{.0625} \left(\frac{3.7}{3.0}\right)$$

$$(15,000)$$

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

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

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

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

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

Hydraulic Conductivity (K) - MWTA

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

$$K = \frac{.0156 \cdot .0625 \ln\left(\frac{5}{.125}\right)}{2(5)(310)}$$

$$K = \frac{.0156 \left(\frac{3.7}{3.0}\right)}{(3100)}$$

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

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

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

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

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

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

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

$$K = \frac{\frac{.0156}{.0625} \left(\frac{3.7}{30}\right)}{(7500)}$$

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

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

$$K = \frac{1.1}{\cancel{3.16} \times 10^{-2}} \text{ FT/DAY}$$

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

PUMPING TEST RESULTS

CC1018

PUMPING TEST DATA SHEET

NUS CORPORATION

PROJECT NAME: Byron Barrel + Drum MEASURED WELL: MW 2A
 PROJECT NO.: L725 DATE: 12/15/88 PUMPING WELL: MW 2A
 GEOLOGIST: J. ORIENT / M. HICKS CHECKED: _____ TEST NO.: _____
 DISTANCE 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): 1032 ELEVATION 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 MW 2B 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		
	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 MWZA)

NUS CORPORATION

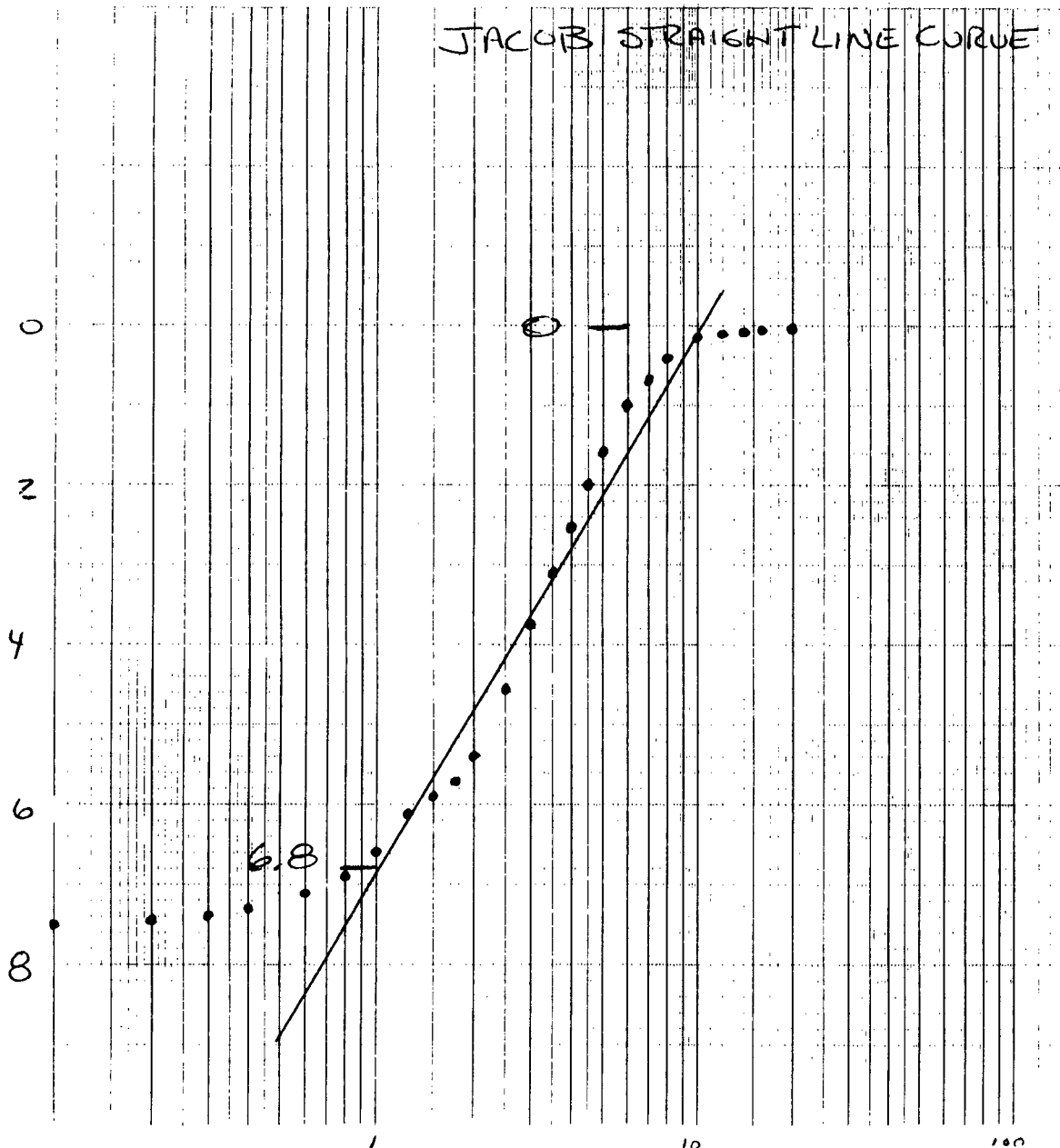
PROJECT NAME: Byrom Barrel + Drum MEASURED WELL: MWZA
 PROJECT NO.: L725 DATE: 12/15/88 PUMPING WELL: MWZA
 GEOLOGIST: J ORIENT / M. HICKS CHECKED: _____ TEST NO.: 1
 STANCE FROM PUMPING WELL (ft.) (r): NA PUMP SETTING, FEET BELOW MONITORING POINT: NA
 STATIC H₂O LEVEL (ft.) (s₀): 12.45' TOC MONITORING 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	S _a	ΔH			
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 _a 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		

44-188

CC1021

JACOBS STRAIGHT LINE CURVE



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

WELL MWZA RECOVERY

Q = 1.6 PM

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

$$T = \frac{264(Q)}{6.8}$$

$$= 38.82 \text{ gal/DAY/FT.}$$

SAT THICKNESS

$$K = \frac{38.82 \text{ gal/DAY/FT}}{15.0 \text{ FT}}$$

$$K = 2.59 \text{ gal/DAY/FT}^2$$

$$K = 1.22 \times 10^{-4} \text{ CM/SEC}$$

001022

HYDRAULIC GRADIENT

001023

CLIENT: USEPA REGION II	FILE NO.: L725 Byron	BY: MCH	PAGE OF 1 1
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)

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

$$i = .0018$$

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

$$i = .0018$$

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

$$i = .0018$$

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

$$= 7.07 \text{ FT/YR}$$

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

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

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

C01027

CLIENT: USEPA REGION II	FILE NO.: L725 (B4R0W)	BY: MCN	PAGE 3 OF 7
SUBJECT: GW FLOW VELOCITIES		CHECKED BY: MGL	DATE: 3/1/89 5/19/89

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

001028

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

MW 4A → K = 5.56 × 10⁻³ CM/SEC

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

= 3.34 × 10⁻⁵ CM/SEC.

= 34.52 FT/YR.

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

= 5.00 × 10⁻⁵ CM/SEC

= 51.78 FT/YR.

MW 5A → K = 5.30 × 10⁻³ CM/SEC

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

= 3.18 × 10⁻⁵ CM/SEC

= 32.91 FT/YR

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

= 4.77 × 10⁻⁵ CM/SEC

= 49.36 FT/YR

MW 5B → K = 4.45 × 10⁻⁴ CM/SEC

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

= 2.67 × 10⁻⁶ CM/SEC

= 2.76 FT/YR

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

= 4.01 × 10⁻⁶ CM/SEC

= 4.14 FT/YR

001029

CLIENT: USEPA REGION II	FILE NO.: L725 (B4ROW)	BY: MCN	PAGE 5 OF 7
SUBJECT: GW FLOW VELOCITIES		CHECKED BY: VJP	DATE: 5/19/89

MW 6B → K = 2.86 × 10⁻² CM/SEC

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

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

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

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

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

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

MW 7A → K = 1.06 × 10⁻³ CM/SEC

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

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

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

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

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

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

MW 7B → K = 2.82 × 10⁻³ CM/SEC

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

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

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

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

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

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

CC1030

CLIENT: USEPA REGION II	FILE NO.: L725 (B4ROW)	BY: MCN	PAGE 6 OF 7
SUBJECT: GW FLOW VELOCITIES		CHECKED BY: VJP	DATE: 5/19/89

mw 8B → K = 8.30×10^{-4} CM/SEC

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

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

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

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

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

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

mw 10B → K = 1.08×10^{-2} CM/SEC

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

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

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

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

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

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

mw 11B → K = 5.21×10^{-4} CM/SEC

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

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

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

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

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

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

001031

CLIENT: USEPA REGION II	FILE NO.: L725 (B4ROW)	BY: MCN	PAGE 7 OF 7
SUBJECT: GW FLOW VELOCITIES		CHECKED BY: VAP	DATE: 5/19/89

MW 12B → K = 9.93 × 10⁻⁴ CM/SEC

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

= 5.96 × 10⁻⁶ CM/SEC.

= 6.17 FT/YR.

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

= 8.94 × 10⁻⁶ CM/SEC

= 9.25 FT/YR.

MW 13B → K = 2.25 × 10⁻⁴ CM/SEC

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

= 1.35 × 10⁻⁶ CM/SEC

= 1.40 FT/YR

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

= 2.03 × 10⁻⁶ CM/SEC

= 2.10 FT/YR

MW 14B → K = 5.57 × 10⁻⁴ CM/SEC

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

= 3.34 × 10⁻⁶ CM/SEC

= 3.46 FT/YR

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

= 5.01 × 10⁻⁶ CM/SEC

= 5.19 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
xylenes	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.

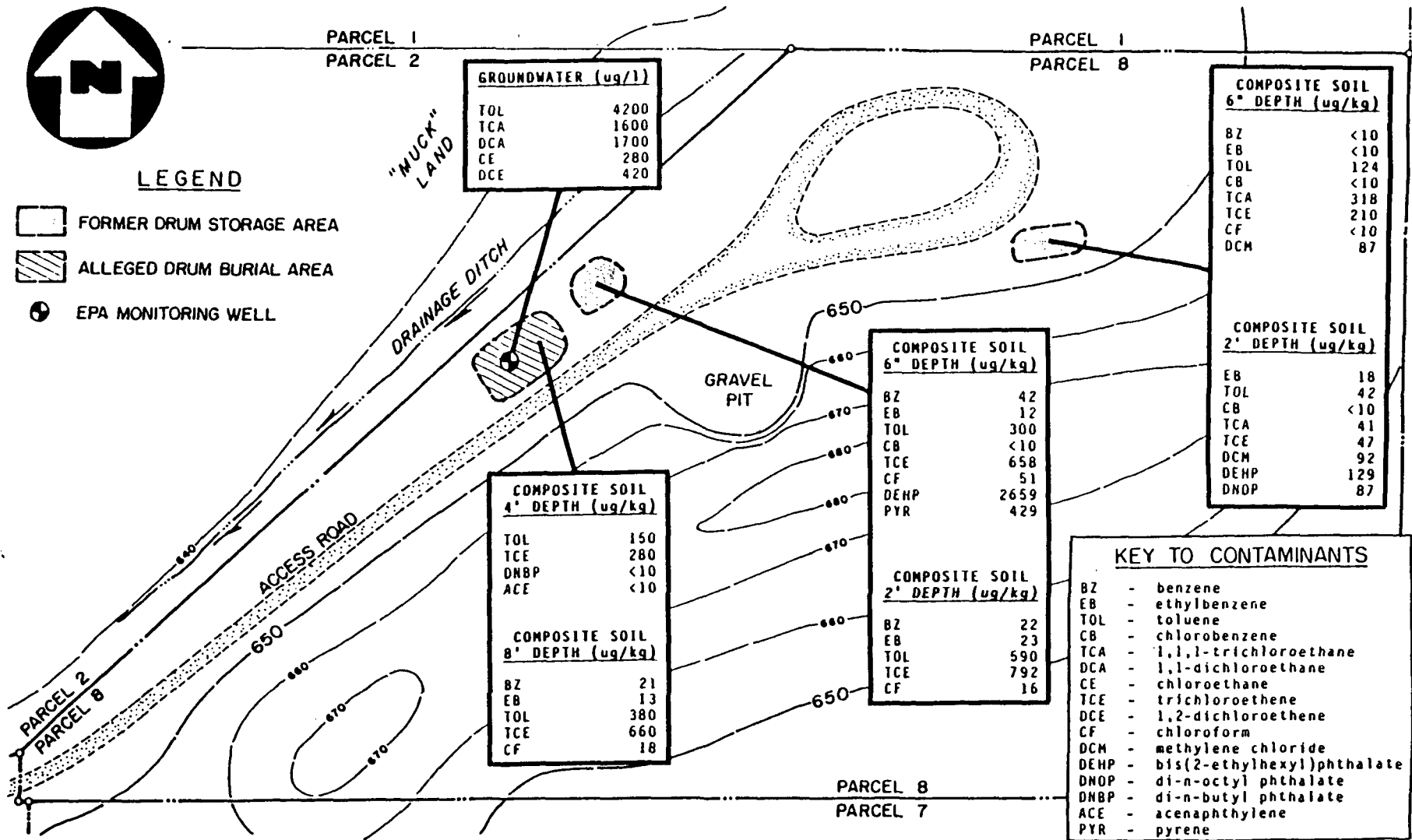
² < - less than, not detected above reported method detection limit.

CC1038



LEGEND

-  FORMER DRUM STORAGE AREA
-  ALLEGED DRUM BURIAL AREA
-  EPA MONITORING WELL



GROUNDWATER (ug/l)	
TOL	4200
TCA	1600
DCA	1700
CE	280
DCE	420

COMPOSITE SOIL 4' DEPTH (ug/kg)	
TOL	150
TCE	280
DNBP	<10
ACE	<10

COMPOSITE SOIL 8' DEPTH (ug/kg)	
BZ	21
EB	13
TOL	380
TCE	660
CF	18

COMPOSITE SOIL 6" DEPTH (ug/kg)	
BZ	42
EB	12
TOL	300
CB	<10
TCE	658
CF	51
DEHP	2659
PYR	429

COMPOSITE SOIL 2' DEPTH (ug/kg)	
BZ	22
EB	23
TOL	590
TCE	792
CF	16

COMPOSITE SOIL 6" DEPTH (ug/kg)	
BZ	<10
EB	<10
TOL	124
CB	<10
TCA	318
TCE	210
CF	<10
DCM	87

COMPOSITE SOIL 2' DEPTH (ug/kg)	
EB	18
TOL	42
CB	<10
TCA	41
TCE	47
DCM	92
DEHP	129
DNOP	87

KEY TO CONTAMINANTS	
BZ	- benzene
EB	- ethylbenzene
TOL	- toluene
CB	- chlorobenzene
TCA	- 1,1,1-trichloroethane
DCA	- 1,1-dichloroethane
CE	- chloroethane
TCE	- trichloroethene
DCE	- 1,2-dichloroethene
CF	- chloroform
DCM	- methylene chloride
DEHP	- bis(2-ethylhexyl)phthalate
DNOP	- di-n-octyl phthalate
DNBP	- di-n-butyl phthalate
ACE	- acenaphthylene
PYR	- pyrene

**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	108000.0000	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

001042

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

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

PI 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

00104A

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

LP 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	175.7252
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
92F	50-29-3	4,4'-DDT	1/20	12.0000	12.0000	.6000	8.1638
93F	72-55-9	4,4'-DDE	1/20	7.0000	7.0000	.3500	7.9467
107F	11097-69-1	AROCFLOR-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	9160.0000	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		COFFER	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

WELL 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	.0455	1.7144
86V	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	4.7492
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	7.2797
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

001048

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

WELL NO	CAS NO	COMPOUND	# OF DETECTS / # OF SAMPLES	MINIMUM DETECTED CONC.	MAXIMUM DETECTED CONC.	AVERAGE	GEOMETRIC MEAN
86V	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 - FOUND 3 MONITORING WELL SAMPLES

EP #	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	2.4672
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		COFFER	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	91048.3000	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	CHLOROENZENE	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	.1952	.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
50V	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 WFL 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

SQUID

001053

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

EP 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
80W	79-01-6	TRICHLOROETHENE	1/10	.3200	.3200	.0320	2.0354
90W	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: BYRON BARREL AND DRUM SITE - SEDIMENT SAMPLES

EP NO	CAS NO	COMPOUND	# OF DEFECTS / # OF SAMPLES	MINIMUM DETECTED CONC.	MAXIMUM DETECTED CONC.	AVERAGE	GEOMETRIC MEAN
67	67-63-1	ACETONE	2/18	250.0000	270.0000	28.8889	7.7553
78	78-95-3	2-BUTANONE	5/18	13.0000	73.0000	10.6667	8.4732
108	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	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
93F	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

ID	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
109	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
109	75-15-0	CARBON DISULFIDE	3/15	4.0000	13.0000	1.7333	3.1350
109	117-84-0	DI-N-OCTYL PHTHALATE	2/2	3.0000	4.0000	3.5000	3.4641
109	108-95-2	PHENOL	1/2	13.0000	13.0000	6.5000	8.0622
109	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

001057

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 ***

FF	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 ***

FF	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

*** VOLATILES ***

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

001058

HYDRO 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 ***

PP	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 ***

PP	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 ***

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

559

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-R1	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

001060

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 ***

FF	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 ***

FF	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 ***

FF	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:	RS-SG108-1	RS-SG110-1	RS-SG111-1	RS-SG112-1	RS-SG114-1	RS-SG115-1	RS-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 ***

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

SAMPLE NUMBER:	RS-SG117-1	RS-SG118-1	RS-SG119-1	RS-SG121-1	RS-SG122-1	RS-SG124-1	RS-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 ***

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

SAMPLE NUMBER:	RS-SG126-1	RS-SG127-1	RS-SG129-1	RS-SG130-1	RS-SG131-1	RS-SG132-1	RS-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 ***

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

001062

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 ***

FF	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 ***

FF	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 ***

FF	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

001085

BYRON BARREL AND DRUM SITE - SOIL-GAS SURVEY RESULTS

SAMPLE NUMBER:	RS-S0232-1	RS-S0233-1	RS-S0235-1	RS-S0236-1	RS-S0237-1	RS-S0241-1	RS-S0242-1
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	0

SAMPLE NUMBER:	RS-S0247-1	RS-S0250-1	RS-S0251-1	RS-S0256-1	RS-S0259-1	RS-S0269-1	RS-S0277-1
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	0

SAMPLE NUMBER:	RS-S0279-1	RS-S0280-1	RS-S0286-1	RS-S0287-1	RS-S0288-1	RS-S0289-1	RS-S0292-1
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	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						
57-64-1		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						
57-64-1		HNU READING	0	0	0	0	0	0

001066

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 ***

PP	CAS NO	COMPOUND					
67-64-1		HMI READING	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 ***

PP	CAS NO	COMPOUND					
57-64-1		HMI READING	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 ***

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

29010

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

001088

Surface Soil Results

001089

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				

002070

RYSON BARREL AND DRUM SITE - SURFACE SOIL SAMPLE RESULTS

SAMPLE NUMBER:	RS-S0000-1R	RS-S0000-1F	RS-S0000-1T	RS-S0001-1	RS-S0001-1R	RS-S0001-1F	RS-S0001-1T
TRAFFIC REPORT NUMBER:	BT877	BT878	BQ337	BT865	BT894	BT895	BQ991
LOCATION:							
DEPTH:			NA	SOURCE 2			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

0010971

BYRON BARREL AND DRUM SITE - SURFACE SOIL SAMPLE RESULTS

SAMPLE NUMBER:	RS-S0000-1B	RS-S0000-1F	RS-S0000-1T	RS-S0001-1	RS-S0001-1F	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

*** ACIDS ***

FP	CAS NO	COMPOUND
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NO PARAMETERS FOR THIS CATEGORY

0N1072

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	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		
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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-S0000-1R	RS-S0000-1F	BS-S0000-1T	BS-S0001-1	RS-S0001-1R	RS-S0001-1F	RS-S0001-1T
TRAFFIC REPORT NUMBER:							
LOCATION:							
DEPTH:			NA				NA
DESCRIPTION:							
UNITS:							
DATE SAMPLED:	/ /	/ /	/ /	/ /	/ /	/ /	/ /

*** GEOCHEMICAL PARAMETERS ***

PP	CAS NO	COMPOUND
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NO PARAMETERS FOR THIS CATEGORY

001075

BYRON BARREL AND DRUM SITE - SURFACE SOIL SAMPLE RESULTS

SAMPLE NUMBER:	BS-S0002-1	RS-S0002-1T	BS-S0003-1	BS-S0004-1	BS-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 ***

PF	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

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'	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

*** ACIDS ***

PP	CAS NO	COMPOUND
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NO PARAMETERS FOR THIS CATEGORY

001078

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:	BT866	BT900	BT867	BT868	BT869	BT870	BT871
LOCATION:	SOURCE 2	NA	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:		TRIF 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		1800	72
	72-54-8	4,4'-DDD			77
93F	72-55-9	4,4'-DDE		180	27
98F	72-20-8	ENDRIN		100	
	53494-70	ENDRIN KETONE			
97F	1031-07-8	ENDOSUFAN SULFATE		140	
90F	60-57-1	DIELDRIN		1500	41

620600

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	NA	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:					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	4610.0
2		ANTIMONY						
3		ARSENIC	3.2	2.1	2.8	49.1	3.3	3.2
5		BERYLLIUM	0.54	0.57	0.34	0.73	0.69	0.38
6		CADMIUM	2.3	2.6	1.2	2.6	2.0	2.2
7		CALCIUM	56500.0	5510.0	108000.0	27400.0	30200.0	14300.0
8		CHROMIUM	4.5	5.4	4.7	6.2	6.8	7.4
9		COBALT	2.6		2.9		2.2	2.8
10		COFFER						
11		IRON	6540.0	7130.0	7660.0	6960.0	5350.0	6860.0
12		LEAD	17.1	12.4		20.1	20.0	76.4
13		MAGNESIUM	16000.0	1810.0	28200.0	1740.0	8310.0	4040.0
14		MANGANESE	J 284.0	J 138.0	J 583.0	J 214.0	J 195.0	J 230.0
15		MERCURY				J 0.19		
16		NICKEL	4.9	4.6	5.4	7.6	4.8	7.4
17		POTASSIUM	428.0	265.0	502.0	820.0	350.0	314.0
18		SELENIUM				2.6		J 0.7
20		SODIUM	87.6	39.6	118.0	39.6	96.8	44.4
23		VANADIUM	5.5	7.3	5.4	9.0	5.4	7.7
24		ZINC	J 59.2	J 60.3	J 50.0	J 85.3	J 63.1	J 174.0

001080

BYRON BARREL AND DRUM SITE - SURFACE SOIL SAMPLE RESULTS

2001081

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
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NO PARAMETERS FOR THIS CATEGORY

pp 1081

RYKON 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:							
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

*** VOLATILES ***

PF	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

BYRON BARKEL AND DRUM SITE - SURFACE SOIL SAMPLE RESULTS

SAMPLE NUMBER:	RS-S0008-1	RS-S0009-1	RS-S0010-1	RS-S0011-1	RS-S0011-10	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 ***

PP	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:	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

*** ACIDS ***

FP	CAS NO	COMPOUND
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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:					HUF 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	64	27	140
	72-54-8	4,4'-DDD			
93P	72-55-9	4,4'-DDE	18		33
98P	72-20-8	ENDRIN			
	53494-70	ENDRIN KETONE			
97P	1031-07-8	ENDOSUFAN SULFATE			
90P	60-57-1	DIELDRIN			

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:					IUF 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 ***

PF	CAS NO	COMPOUND	RS-S0008-1	RS-S0009-1	RS-S0010-1	RS-S0011-1	RS-S0011-1D	RS-S0012-1	RS-S0013-1
1		ALUMINUM	5030.0	5180.0	5590.0	3940.0	4080.0	5520.0	3980.0
2		ANTIMONY							
3		ARSENIC	2.4	4.4	2.9	2.9	2.1	1.6	1.5
5		BERYLLIUM	0.72	0.72	0.37	0.55	0.51	0.6	0.4
6		CADMIUM	2.2	2.8	2.8	2.6	2.2		
7		CALCIUM	9430.0	15000.0	7540.0	55600.0	37500.0	13100.0	13500.0
8		CHROMIUM	6.5	10.6	7.1	6.1	7.1	6.0	5.3
9		COBALT	3.2		4.4	3.5	2.7	3.3	2.4
10		COPPER							
11		IRON	7090.0	7080.0	9600.0	7620.0	6840.0	8720.0	7270.08
12		LEAD	97.4	32.2	150.0	29.1	35.4	J 17.0	J 8.4
13		MAGNESIUM	2600.0	2580.0	1930.0	15100.0	9200.0		
14		MANGANESE	J 195.0	J 150.0	J 202.0	J 427.0	J 253.0	316.0	184.0
15		MERCURY		J 0.25					
16		NICKEL	6.5	7.5	7.0	6.1	8.6	6.9	4.0
17		POTASSIUM	288.0	343.0	392.0	512.0	470.0	502.0	377.0
18		SELENIUM			J 0.86				J 0.4
20		SODIUM	46.4	49.3	46.6	81.4	75.9	92.8	79.3
23		VANADIUM	8.2	11.7	9.0	5.7	6.0	J 9.1	J 8.4
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
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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

RYRON 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

*** BASE/NEUTRALS ***

FP	CAS NO	COMPOUND		
66B	117-81-7	BIS(2-ETHYLHEXYL)PHTHALATE	J 51	J 82
68B	84-74-2	DI-N-BUTYL PHTHALATE		J 42
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		J 41
81B	85-01-8	PHENANTHRENE		
84B	129-00-0	PYRENE		
	65-85-0	BENZDIC ACID		

001089

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

*** ACIDS ***

PF	CAS NO	COMPOUND
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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 ***

PP	CAS NO	COMPOUND		
92P	50-29-3	4,4'-DDT	25	19
	72-54-8	4,4'-DDD		
93P	72-55-9	4,4'-DDE	37	24
98P	72-20-8	ENDRIN		
	53494-70	ENDRIN KETONE		
97P	1031-07-8	ENDOSUFAN SULFATE		
90P	60-57-1	DIELDRIN		

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 ***

PF	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
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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 ***

PF	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:	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

*** BASE/NEUTRALS ***

PP	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	BENZDIC ACID	J 290	J 360

001095

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

*** ACIDS ***

FP	CAS NO	COMPOUND
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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-S0025-11
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 ***

FP	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	BS-S0021-1	BS-S0022-1	BS-S0023-1	BS-S0024-1	BS-S0025-1	BS-S0025-1D
1		ALUMINUM	7230.0	6650.0	5620.0	3320.0	4520.0	4580.0
2		ANTIMONY	J 10.0					
3		ARSENIC	2.6	1.2	2.6	17.1	21.3	21.6
5		BERYLLIUM	0.44	0.42	0.38	0.64	0.85	0.82
6		CADMIUM	2.1		2.1			
7		CALCIUM	22400.0	1590.0	27000.0	42700.0	28800.0	27300.0
8		CHROMIUM	804.0	6.1	5.8	7.6	6.2	7.2
9		COBALT	1.7		2.6		2.8	2.8
10		COFFER						
11		IRON	7780.0	3460.0	9210.0	6930.0	8450.0	8430.0
12		LEAD	J 2720.0	J 16.3	J 11.4	J 17.7	J 14.4	13.9
13		MAGNESIUM						
14		MANGANESE	289.0	86.9	360.0	267.0	249.0	232.0
15		MERCURY	J 0.18			J 0.28	J 0.18	
16		NICKEL	5.7	4.3	6.5	9.1	8.0	9.1
17		POTASSIUM	514.0	458.0	502.0	684.0	900.0	869.0
18		SELENIUM		J 0.58		J 4.6	J 2.2	J 1.2
20		SODIUM	120.0	61.1	81.6	104.0	93.0	92.8
23		VANADIUM	J 12.6	J 6.9	J 9.4	J 13.0	J 11.4	J 11.7
24		ZINC	J 100.0	J 56.9	J 69.6	J 109.0	J 57.1	J 57.2

001098

BYRON 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 ***

PF	CAS NO	COMPOUND
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NO PARAMETERS FOR THIS CATEGORY

001099

Subsurface Soil Results

TABLE

001100

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		
33VT	10061-02-6	TRANS-1,3-DICHLOROPROPENE				5	

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	4	10
70B	84-66-2	DIETHYL PHTHALATE	2	3
71B	131-11-3	DIMETHYL PHTHALATE	5	7
55B	91-20-3	NAPHTHALENE		
84B	129-00-0	PYRENE		

011102

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
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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

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:	MBP753	MBP754	NA	MBP067	MBP068	NA	NA
SAMPLING POINT:							
LOCATION:							
DESCRIPTION:	BOTTLE BLANK	FIELD BLANK		BOTTLE BLANK	FIELD BLANK		
UNITS:	UG/L	UG/L		UG/L	UG/L		
DATE SAMPLED:	08/31/88	08/31/88	/ /	09/08/88	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

	38.3			
	126			
			8.8	
		14.9	10.3	
	J 63.8		197.0	208.0
	1.6			4.9
	J 9.6	J 9.6		
			7450.0	5200.0

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			14
4V	71-43-2	BENZENE			
86V	108-88-3	TOLUENE			2
38V	100-41-4	ETHYLBENZENE			
	95-47-6	TOTAL XYLENES			
11V	71-55-6	1,1,1-TRICHLOROETHANE			J 7
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 27
30V	156-60-5	TRANS-1,2-DICHLOROETHENE			
29V	75-35-4	1,1-DICHLOROETHENE			
44V	75-09-2	METHYLENE CHLORIDE	7	17	12
33VT	10061-02-6	TRANS-1,3-DICHLOROPROPENE			

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:	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

*** ACIDS ***

PP	CAS NO	COMPOUND
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NO PARAMETERS FOR THIS CATEGORY

001108

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	J 150
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	J 2669
30V	156-60-5	TRANS-1,2-DICHLOROETHENE			J 6			J 20
29V	75-35-4	1,1-DICHLOROETHENE						J 10
44V	75-09-2	METHYLENE CHLORIDE						J 25
33VT	10061-02-6	TRANS-1,3-DICHLOROPROPENE						

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	
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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

	BS-SS005-1M	BS-SS006-1M	BS-SS007-1M	BS-SS008-1M	BS-SS009-1M	BS-SS011-1M	BS-SS012-1
SAMPLE NUMBER:	MOBILE LAB	MOBILE LAB	MOBILE LAB	MOBILE LAB	MOBILE LAB	MOBILE LAB	BQ720
TRAFFIC REPORT NUMBER:	SOURCE 1	SOURCE 1	SOURCE 1	SOURCE 1	SOURCE 1	SOURCE 1	SOURCE 1
SAMPLING POINT:	NA	NA	NA	NA	NA	NA	4'
LOCATION:	TP-1	TP-1	TP-2	TP-2	TP-2	TP-2	TP-2
DESCRIPTION:	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
UNITS:	08/31/88	08/31/88	08/31/88	08/31/88	08/31/88	08/31/88	08/31/88
DATE SAMPLED:							

*** ACIDS ***

PP	CAS NO	COMPOUND
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NO PARAMETERS FOR THIS CATEGORY

001113

BYRON BARREL & DRUM - SUBSURFACE SOILS

	BS-SS005-1M	BS-SS006-1M	BS-SS007-1M	BS-SS008-1M	BS-SS009-1M	BS-SS011-1M	BS-SS012-1
SAMPLE NUMBER:	MOBILE LAB	MOBILE LAB	MOBILE LAB	MOBILE LAB	MOBILE LAB	MOBILE LAB	BQ720
TRAFFIC REPORT NUMBER:	SOURCE 1	SOURCE 1	SOURCE 1	SOURCE 1	SOURCE 1	SOURCE 1	SOURCE 1
SAMPLING POINT:	NA	NA	NA	NA	NA	NA	4'
LOCATION:	TP-1	TP-1	TP-2	TP-2	TP-2	TP-2	TP-2
DESCRIPTION:	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
UNITS:	08/31/88	08/31/88	08/31/88	08/31/88	08/31/88	08/31/88	08/31/88
DATE SAMPLED:							

*** 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	BS-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	4560
2		ANTIMONY	J 10.4
3		ARSENIC	2.4
4		BARIUM	60.3
6		CADMIUM	
7		CALCIUM	52200
8		CHROMIUM	
9		COBALT	8.2
10		COPPER	J 9.9
11		IRON	10400
12		LEAD	J 22.6
13		MAGNESIUM	13900
14		MANGANESE	J 388
16		NICKEL	8.2
17		POTASSIUM	
19		SILVER	
20		SODIUM	73.4
23		VANADIUM	J 13.9
24		ZINC	J 122

001115

BYRON BARREL & DRUM - SUBSURFACE SOILS

SAMPLE NUMBER:	BS-SS005-1M	BS-S9006-1M	BS-SS007-1M	BS-SS008-1M	BS-SS009-1M	BS-SS011-1M	BS-SS012-1
TRAFFIC REPORT NUMBER:	NA	NA	NA	NA	NA	NA	56561
SAMPLING POINT:							SOURCE 1
LOCATION:							4'
DESCRIPTION:							TP-2
UNITS:							MG/KG
DATE SAMPLED:	/ /	/ /	/ /	/ /	/ /	/ /	08/31/88

*** GEOCHEMICAL PARAMETERS ***

PP	CAS NO	COMPOUND
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TOTAL ORGANIC CARBON

18700

001116

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:	4'	6'	1.5' - 2'	4'	6'	1.5' - 2'	4'
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

*** VOLATILES ***

PP	CAS NO	COMPOUND						
	67-64-1	ACETONE						
4V	71-43-2	BENZENE						
86V	108-88-3	TOLUENE	J 865	J 135		J 184	J 77	
38V	100-41-4	ETHYLBENZENE	J 14			J 17		
	95-47-6	TOTAL XYLENES						
11V	71-55-6	1,1,1-TRICHLOROETHANE	J 34	J 5	J 551	J 546	J 127	J 9
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 980	J 87	J 728	J 6	J 683	J 239
30V	156-60-5	TRANS-1,2-DICHLOROETHENE			J 15		J 14	
29V	75-35-4	1,1-DICHLOROETHENE						
44V	75-09-2	METHYLENE CHLORIDE						
33VT	10061-02-6	TRANS-1,3-DICHLOROPROPENE						

001117

BYRON BARREL & DRUM - SUBSURFACE SOILS

	BS-SS012-1M	BS-SS013-1M	BS-SS014-1M	BS-SS015-1M	BS-SS016-1M	BS-SS017-1M	BS-SS018-1M
SAMPLE NUMBER:	MOBILE LAB	MOBILE LAB	MOBILE LAB	MOBILE LAB	MOBILE LAB	MOBILE LAB	MOBILE LAB
TRAFFIC REPORT NUMBER:	SOURCE 1	SOURCE 1	SOURCE 1	SOURCE 1	SOURCE 1	SOURCE 1	SOURCE 1
SAMPLING POINT:	NA	NA	NA	NA	NA	NA	NA
LOCATION:	TP-2	TP-2	TP-3	TP-3	TP-3	TP-4	TP-4
DESCRIPTION:	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
UNITS:	08/31/88	08/31/88	08/31/88	08/31/88	08/31/88	09/01/88	09/01/88
DATE SAMPLED:							

*** 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

003118

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

*** ACIDS ***

PP	CAS NO	COMPOUND
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NO PARAMETERS FOR THIS CATEGORY

001119

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

*** 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:	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:	6'	1.5' - 2'	4'	4'	6'	1.5' - 2'	1.5' - 2'
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

*** VOLATILES ***

PP	CAS NO	COMPOUND			
	67-64-1	ACETONE			
4V	71-43-2	BENZENE			
86V	108-88-3	TOLUENE	J 11	J 1100	
38V	100-41-4	ETHYLBENZENE		J 33	
	95-47-6	TOTAL XYLENES		J 72	
11V	71-55-6	1,1,1-TRICHLOROETHANE			J 35
14V	79-00-5	1,1,2-TRICHLOROETHANE			
10V	107-06-2	1,2-DICHLOROETHANE			
85V	127-18-4	TETRACHLOROETHENE		J 610	
87V	79-01-6	TRICHLOROETHENE		J 660	
30V	156-60-5	TRANS-1,2-DICHLOROETHENE			J 312
29V	75-35-4	1,1-DICHLOROETHENE			
44V	75-09-2	METHYLENE CHLORIDE			
33VT	10061-02-6	TRANS-1,3-DICHLOROPROPENE			

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:	BS-SS019-1M	BS-SS020-1M	BS-SS021-1	B9-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

*** ACIDS ***

PP	CAS NO	COMPOUND
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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:	BS-SS019-1M	BS-SS020-1M	BS-SS021-1	BS-SS021-1M	BS-SS022-1M	BS-SS023-1M	BS-SS024-1M
TRAFFIC REPORT NUMBER:	NA	NA	MBR781	NA	NA	NA	NA
SAMPLING POINT:			SOURCE 1				
LOCATION:			4'				
DESCRIPTION:			TP-5				
UNITS:			MG/KG				
DATE SAMPLED:	/ /	/ /	09/01/88	/ /	/ /	/ /	/ /

*** INORGANICS ***

PP	CAS NO	COMPOUND	
1		ALUMINUM	3900
2		ANTIMONY	
3		ARSENIC	2.1
4		BARIUM	38.7
6		CADMIUM	
7		CALCIUM	46400
8		CHROMIUM	
9		COBALT	3.0
10		COPPER	J 5.9
11		IRON	7130
12		LEAD	5.8
13		MAGNESIUM	13400
14		MANGANESE	J 270
16		NICKEL	
17		POTASSIUM	279
19		SILVER	
20		SODIUM	83.5
23		VANADIUM	J 8.7
24		ZINC	J 57.9

001128

BYRON BARREL & DRUM - SUBSURFACE SOILS

SAMPLE NUMBER:	BS-SS019-1M	BS-SS020-1M	BS-S9021-1	BS-SS021-1M	BS-9S022-1M	BS-SS023-1M	BS-SS024-1M
TRAFFIC REPORT NUMBER:	NA	NA	56562	NA	NA	NA	NA
SAMPLING POINT:			SOURCE 1				
LOCATION:			4*				
DESCRIPTION:			TP-5				
UNITS:			MG/KG				
DATE SAMPLED:	/ /	/ /	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
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

*** BASE/NEUTRALS ***

PP	CAS NO	COMPOUND			
66B	117-81-7	BIS(2-ETHYLHEXYL)PHTHALATE	J 160		
68B	84-74-2	DI-N-BUTYL PHTHALATE	1900	1200	1700
70B	84-66-2	DIETHYL PHTHALATE			
71B	131-11-3	DIMETHYL PHTHALATE			
55B	91-20-3	NAPHTHALENE			
84B	129-00-0	PYRENE			

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
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NO PARAMETERS FOR THIS CATEGORY

001130

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

*** 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:	BS-SS025-1	BS-SS025-1M	BS-SS026-1	BS-SS026-1M	BS-SS027-1M	BS-SS028-1	BS-SS028-1M
TRAFFIC REPORT NUMBER:	MBR782	NA	MBR784	NA	NA	MBR783	NA
SAMPLING POINT:	SOURCE 1		SOURCE 1			SOURCE 1	
LOCATION:	4'		6'			4'	
DESCRIPTION:	TP-7		TP-7			TP-8	
UNITS:	MG/KG		MG/KG			MG/KG	
DATE SAMPLED:	09/02/88	/ /	09/02/88	/ /	/ /	09/02/88	/ /

*** INORGANICS ***

PP	CAS NO	COMPOUND			
1		ALUMINUM	5640	3130	3360
2		ANTIMONY			
3		ARSENIC	2.9	1.7	2.8
4		BARIUM	68.5	34.7	44.2
6		CADMIUM			
7		CALCIUM	26800	83700	52000
8		CHROMIUM			
9		COBALT	6.3	4.9	3.7
10		COPPER	J 11.8	J 9.6	J 10.6
11		IRON	12300	7710	7970
12		LEAD	4.7	6.8	J 6.1
13		MAGNESIUM	14500	23800	19000
14		MANGANESE	J 222	J 428	J 411
16		NICKEL			
17		POTASSIUM	543		240
19		SILVER			
20		SODIUM	73.4	98.4	80.5
23		VANADIUM	J 14.4	J 10.7	J 8.6
24		ZINC	J 87.8	J 79.8	J 76.8

001132

BYRON BARREL & DRUM - SUBSURFACE SOILS

SAMPLE NUMBER:	BS-SS025-1	BS-SS025-1M	BS-SS026-1	BS-SS026-1M	BS-S9027-1M	BS-SS028-1	BS-SS028-1M
TRAFFIC REPORT NUMBER:	56563	NA	56564	NA	NA	56565	NA
SAMPLING POINT:	SOURCE 1		SOURCE 1			SOURCE 1	
LOCATION:	4'		6'			4'	
DESCRIPTION:	TP-7		TP-7			TP-8	
UNITS:	MG/KG		MG/KG			MG/KG	
DATE SAMPLED:	09/02/88	/ /	09/02/88	/ /	/ /	09/02/88	/ /

*** GEOCHEMICAL PARAMETERS ***

PP	CAS NO	COMPOUND
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TOTAL ORGANIC CARBON	9280	3600	8300
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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		33		
38V	100-41-4	ETHYLBENZENE				
	95-47-6	TOTAL XYLENES				
11V	71-55-6	1,1,1-TRICHLOROETHANE	17	45	J 7	
14V	79-00-5	1,1,2-TRICHLOROETHANE				
10V	107-06-2	1,2-DICHLOROETHANE				
85V	127-18-4	TETRACHLOROETHENE	18	12		
87V	79-01-6	TRICHLOROETHENE	37	79	J 11	J 10
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-SS029-1M	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'	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	J	2000
66B	117-81-7	BIS(2-ETHYLHEXYL)PHTHALATE	80	
68B	84-74-2	DI-N-BUTYL PHTHALATE	1900	2000
70B	84-66-2	DIETHYL PHTHALATE		
71B	131-11-3	DIMETHYL PHTHALATE		
55B	91-20-3	NAPHTHALENE		
84B	129-00-0	PYRENE		

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
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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	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:	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	32		47
38V	100-41-4	ETHYLBENZENE			
	95-47-6	TOTAL XYLENES			
11V	71-55-6	1,1,1-TRICHLOROETHANE			89
14V	79-00-5	1,1,2-TRICHLOROETHANE			12
10V	107-06-2	1,2-DICHLOROETHANE			
85V	127-18-4	TETRACHLOROETHENE	8		13
87V	79-01-6	TRICHLOROETHENE	45		120
30V	156-60-5	TRANS-1,2-DICHLOROETHENE			
29V	75-35-4	1,1-DICHLOROETHENE			J 2
44V	75-09-2	METHYLENE CHLORIDE			41
33VT	10061-02-6	TRANS-1,3-DICHLOROPROPENE			

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		J 120
68B	84-74-2	DI-N-BUTYL PHTHALATE	1900	1800
70B	84-66-2	DIETHYL PHTHALATE		
71B	131-11-3	DIMETHYL PHTHALATE		
55B	91-20-3	NAPHTHALENE		
84B	129-00-0	PYRENE		

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
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NO PARAMETERS FOR THIS CATEGORY

001141

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

*** 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

001142

BYRON BARREL & DRUM - SUBSURFACE SOILS

SAMPLE NUMBER:	BS-SS034-1M	BS-SS035-1	BS-SS035-1M	BS-SS036-1M	BS-S9037-1M	BS-9S038-1	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			6	16
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			J 3	10
87V	79-01-6	TRICHLOROETHENE	J 8	J 15	13	53
30V	156-60-5	TRANS-1,2-DICHLOROETHENE				
29V	75-35-4	1,1-DICHLOROETHENE				
44V	75-09-2	METHYLENE CHLORIDE			190	160
33VT	10061-02-6	TRANS-1,3-DICHLOROPROPENE				

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
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NO PARAMETERS FOR THIS CATEGORY

97700

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

***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

J 12
J 7

001147

BYRON BARREL & DRUM - SUBSURFACE SOILS

SAMPLE NUMBER:	BS-SS039-1M	BS-SS040-1M	BS-SS041-1M	BS-S9042-1	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:	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:	3'	3'	6'	6'	3'	6'	3'
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

*** VOLATILES ***

PP	CAS NO	COMPOUND			
	67-64-1	ACETONE			
4V	71-43-2	BENZENE			
86V	108-88-3	TOLUENE			J 54
38V	100-41-4	ETHYLBENZENE	J 15	J 18	
	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	J 191	J 71	
30V	156-60-5	TRANS-1,2-DICHLOROETHENE	J 22	J 46	
29V	75-35-4	1,1-DICHLOROETHENE			
44V	75-09-2	METHYLENE CHLORIDE			
33VT	10061-02-6	TRANS-1,3-DICHLOROPROPENE			

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
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NO PARAMETERS FOR THIS CATEGORY

001151

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

*** 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:	BS-SS044-1M	BS-SS044-1MA	BS-SS045-1	BS-SS045-1M	BS-SS046-1M	BS-SS047-1M	BS-SS048-1M
TRAFFIC REPORT NUMBER:	NA	NA	HBP761	NA	NA	NA	NA
SAMPLING POINT:			SOURCE 1				
LOCATION:			6'				
DESCRIPTION:			TP-13				
UNITS:			UG/KG				
DATE SAMPLED:	/ /	/ /	09/06/88	/ /	/ /	/ /	/ /

*** INORGANICS ***

PP	CAS NO	COMPOUND	
1		ALUMINUM	4640.0
2		ANTIMONY	
3		ARSENIC	1.4
4		BARIUM	J 66.6
6		CADMIUM	
7		CALCIUM	5110.0
8		CHROMIUM	6.6
9		COBALT	2.6
10		COPPER	7.4
11		IRON	9980.0
12		LEAD	
13		MAGNESIUM	2690.0
14		MANGANESE	J 244.0
16		NICKEL	4.9
17		POTASSIUM	538.0
19		SILVER	
20		SODIUM	756.0
23		VANADIUM	11.0
24		ZINC	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
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NO PARAMETERS FOR THIS CATEGORY

001156

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

***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

	BS-SS054-1M	BS-SS055-1M	BS-SS056-1M	BS-SS057-1M	BS-SS058-1M	BS-SS059-1	BS-SS059-1M
SAMPLE NUMBER:	MOBILE LAB	MOBILE LAB	MOBILE LAB	MOBILE LAB	MOBILE LAB	BR204	MOBILE LAB
TRAFFIC REPORT NUMBER:	SOURCE 1	SOURCE 1	SOURCE 1	SOURCE 1	SOURCE 1	SOURCE 1	SOURCE 1
SAMPLING POINT:	3'	6'	3'	6'	3'	6'	6'
LOCATION:	TP-18	TP-18	TP-19	TP-19	TP-20	TP-20	TP-20
DESCRIPTION:	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
UNITS:	09/07/88	09/07/88	09/07/88	09/07/88	09/07/88	09/07/88	09/07/88
DATE SAMPLED:							

*** 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:	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

*** ACIDS ***

PP	CAS NO	COMPOUND
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NO PARAMETERS FOR THIS CATEGORY

001181

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:	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

*** ACIDS ***

PP	CAS NO	COMPOUND
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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:	BS-SS060-1M	BS-SS061-1M	BS-SS062-1	BS-SS062-1M	BS-SS063-1M	BS-SS064-1M	BS-SS065-1M
TRAFFIC REPORT NUMBER:	NA	NA	MBP765	NA	NA	NA	NA
SAMPLING POINT:			SOURCE 3				
LOCATION:			6'				
DESCRIPTION:			TP-22				
UNITS:			UG/KG				
DATE SAMPLED:	/ /	/ /	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	B9-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

001188

BYRON BARREL & DRUM - SUBSURFACE SOILS

	BS-SS066-1M	BS-SS067-1M	BS-SS068-1M	BS-SS069-1M	BS-SS070-1M	BS-SS071-1M	BS-SS072-1M
SAMPLE NUMBER:	MOBILE LAB	MOBILE LAB	MOBILE LAB	MOBILE LAB	MOBILE LAB	MOBILE LAB	MOBILE LAB
TRAFFIC REPORT NUMBER:	SOURCE 3	SOURCE 3	SOURCE 3	SOURCE 3	SOURCE 3	SOURCE 3	SOURCE 3
SAMPLING POINT:	9'	3'	6'	9'	3'	6'	9'
LOCATION:	TP-23	TP-24	TP-24	TP-24	TP-25	TP-25	TP-25
DESCRIPTION:	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
UNITS:	09/07/88	09/07/88	09/07/88	09/07/88	09/07/88	09/07/88	09/07/88
DATE SAMPLED:							

*** VOLATILES ***

PP	CAS NO	COMPOUND
	67-64-1	ACETONE
4V	71-43-2	BENZIENE
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

	BS-SS066-1M	BS-SS067-1M	BS-SS068-1M	BS-SS069-1M	BS-SS070-1M	BS-SS071-1M	BS-SS072-1M
SAMPLE NUMBER:	MOBILE LAB	MOBILE LAB	MOBILE LAB	MOBILE LAB	MOBILE LAB	MOBILE LAB	MOBILE LAB
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
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NO PARAMETERS FOR THIS CATEGORY

001171

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

	BS-SS073-1M	BS-SS074-1M	BS-SS075-1M	BS-SS076-1M	BS-SS077-1M	BS-SS078-1M	BS-SS079-1M
SAMPLE NUMBER:	MOBILE LAB	MOBILE LAB	MOBILE LAB	MOBILE LAB	MOBILE LAB	MOBILE LAB	MOBILE LAB
TRAFFIC REPORT NUMBER:	SOURCE 3	SOURCE 3	SOURCE 3	SOURCE 3	SOURCE 3	SOURCE 3	SOURCE 3
SAMPLING POINT:	NA	NA	NA	NA	NA	NA	NA
LOCATION:	TP-26	TP-26	TP-26	TP-27	TP-27	TP-27	TP-28
DESCRIPTION:	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
UNITS:	09/07/88	09/07/88	09/07/88	09/07/88	09/07/88	09/07/88	09/07/88
DATE SAMPLED:							

*** 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
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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

001177

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

081180

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

*** ACIDS ***

PP	CAS NO	COMPOUND
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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		3180.0 3530.0
2		ANTIMONY				
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:	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:	9'	3'	6'	9'	3'	6'	9'
DESCRIPTION:	TP-29	TP-30	TP-30	TP-30	TP-31	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

*** 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

00118A

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
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NO PARAMETERS FOR THIS CATEGORY

001186

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

*** 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

001187

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:	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

001188

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:	3'	6'	3'	6'	9'	3'	6'
DESCRIPTION:	TP-32	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

*** 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

001189

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

*** 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
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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

001192

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:	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:	6'	9'	3'	6'	9'	9'	3'
DESCRIPTION:	TP-34	TP-34	TP-35	TP-35	TP-35	DUP TP-35	TP-36
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

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	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

001195

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-34	TP-34	TP-34	TP-35	TP-35	DUP TP-35	DUP SS100
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
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NO PARAMETERS FOR THIS CATEGORY

001188

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

*** 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:	BS-SS096-1M	BS-SS097-1M	BS-SS098-1M	BS-SS099-1M	BS-SS100-1M	BS-SS100-1MA	BS-SS101-1M
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

001100

BYRON BARREL & DRUM - SUBSURFACE SOILS

SAMPLE NUMBER:	BS-SS102-1M	BS-SS103-1M	BS-SS104-1M	BS-SS105-1M	BS-SS106-1M	BS-SS107-1M	BS-SS108-1M
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:	6'	9'	3'	6'	9'	3'	6'
DESCRIPTION:	TP-36	TP-36	TP-37	TP-37	TP-37	TP-38	TP-38
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

001199

BYRON BARREL & DRUM - SUBSURFACE SOILS

SAMPLE NUMBER:	BS-SS102-1M	BS-SS103-1M	BS-SS104-1M	BS-SS105-1M	BS-SS106-1M	BS-SS107-1M	BS-SS108-1M
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:	DUP SS100	TP-36	TP-36	TP-36	TP-37	TP-37	TP-38
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

001200

BYRON BARREL & DRUM - SUBSURFACE SOILS

SAMPLE NUMBER:	BS-SS102-1M	BS-SS103-1M	BS-SS104-1M	BS-SS105-1M	BS-SS106-1M	BS-SS107-1M	BS-SS108-1M
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
LOCATTON:	NA	NA	NA	NA	NA	NA	NA
DESCRIPTION:	TP-36	TP-36	TP-36	TP-37	TP-37	TP-38	TP-38
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
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NO PARAMETERS FOR THIS CATEGORY

001201

BYRON BARREL & DRUM - SUBSURFACE SOILS

SAMPLE NUMBER:	BS-SS102-1M	BS-SS103-1M	BS-SS104-1M	BS-SS105-1M	BS-SS106-1M	BS-SS107-1M	BS-SS108-1M
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:	DUP SS100	TP-36	TP-36	TP-36	TP-37	TP-37	TP-38
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

001202

BYRON BARREL & DRUM - SUBSURFACE SOILS

SAMPLE NUMBER:	BS-SS102-1M	BS-SS103-1M	BS-SS104-1M	BS-SS105-1M	BS-SS106-1M	BS-SS107-1M	B9-SS108-1M
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

001203

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:	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:	9'	3'	6'	9'	3'	6'	9'
DESCRIPTION:	TP-38	TP-39	TP-39	TP-39	TP-40	TP-40	TP-40
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

001204

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:	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-38	TP-39	TP-38	TP-39	TP-39	TP-40	TP-40
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

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
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NO PARAMETERS FOR THIS CATEGORY

001206

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:	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-38	TP-39	TP-38	TP-39	TP-39	TP-40	TP-40
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

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	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:	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
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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
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NO PARAMETERS FOR THIS CATEGORY

001210

BYRON BARREL & DRUM - SUBSURFACE SOILS

	BS-SS121-1M	BS-SS122-1M	BS-SS123-1M	BS-SS124-1M	BS-SS125-1M	BS-SS126-1	BS-SS126-1M
SAMPLE NUMBER:	MOBILE LAB	MOBILE LAB	MOBILE LAB	MOBILE LAB	MOBILE LAB	BR212	MOBILE LAB
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:	BS-SS121-1M	BS-SS122-1MA	BS-SS123-1M	BS-SS124-1M	BS-SS125-1M	BS-SS126-1	BS-SS126-1M
TRAFFIC REPORT NUMBER:	NA	NA	NA	NA	NA	MBP772	NA
SAMPLING POINT:						SG ANOMALY	
LOCATION:						6'	
DESCRIPTION:						TP-44	
UNITS:						UG/KG	
DATE SAMPLED:	/ /	/ /	/ /	/ /	/ /	09/08/88	/ /

*** INORGANICS ***

PP	CAS NO	COMPOUND	
1		ALUMINUM	4010.0
2		ANTIMONY	
3		ARSENIC	1.9
4		BARIUM	J 18.9
6		CADMIUM	
7		CALCIUM	3830.0
8		CHROMIUM	7.2
9		COBALT	3.0
10		COPPER	
11		IRON	7820.0
12		LEAD	
13		MAGNESIUM	4160.0
14		MANGANESE	J 364.0
16		NICKEL	7.5
17		POTASSIUM	542.0
19		SILVER	J 144.0
20		SODIUM	
23		VANADIUM	7.7
24		ZINC	J 66.8

001218

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:	9'	3'	6'	9'
DESCRIPTION:	TP-44	TP-45	TP-45	TP-45
UNITS:	UK/KG	UG/KG	UG/KG	UG/KG
DATE SAMPLED:	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

001520

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
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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	AROCLOR-1254

001222

BYRON BARREL & DRUM - SUBSURFACE SOILS

SAMPLE NUMBER:	BS-SS127-1M	BS-SS128-1M	BS-SS129-1M	BS-SS130-1M
TRAFFIC REPORT NUMBER:	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

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-MW000-4R
TRAFFIC REPORT NUMBER:	70645	90646	90647	BX173	BX174	BX160	43418-018
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	0.38	14	14
45V	74-87-3	CHLOROMETHANE					5
32V	78-87-5	1,2-DICHLOROPROPANE					1.4
48V	75-27-4	BROMODICHLOROMETHANE					0.046
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
62B	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-MW000-1I	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
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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:							
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
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NO PARAMETERS FOR THIS CATEGORY

001228

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	MB1573	MB1574		MB1835
LOCATION:							
ELEVATION (MSL):							
DESCRIPTION:				BOTTLE BLANK	FIELD BLANK		BOTTLE BLANK
UNITS:				UG/L	UG/L		UG/L
DATE SAMPLED:	/ /	/ /	/ /	11/09/88	11/09/88	/ /	12/14/88

*** INORGANICS ***

PP	CAS NO	COMPOUND
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1		ALUMINUM			31.5
2		ANTIMONY		J 18	J 18
3		ARSENIC			
4		BARIUM			
5		BERYLLIUM			1.3
6		CADMIUM			
7		CALCIUM		J 493	J 350
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
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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
45V	74-87-3	CHLOROMETHANE	0.051	1.6		J 2.6	
32V	78-87-5	1,2-DICHLOROPROPANE		0.044			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
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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
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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	39.4	
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
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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
14V	79-00-5	1,1,2-TRICHLOROETHANE	0.07	0.09		0.022	2.7	
10V	75-34-3	1,1-DICHLOROETHANE	2.3	2.2	4	5	21	15
10V	107-06-2	1,2-DICHLOROETHANE						
16V	75-00-3	CHLOROETHANE						
85V	127-18-4	TETRACHLOROETHENE	0.12	0.17			62	82
87V	79-01-6	TRICHLOROETHENE	9.6	10	6	11	2800	3300
30V	156-60-5	TRANS-1,2-DICHLOROETHENE	0.58	0.57			48	110
29V	75-35-4	1,1-DICHLOROETHENE	0.21	0.26		0.65		12
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
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NO PARAMETERS FOR THIS CATEGORY

001239

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

*** PESTICIDES ***

PP	CAS NO	COMPOUND
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NO PARAMETERS FOR THIS CATEGORY

001210

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	11.3
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	9.8	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:	RS-MW01A-1	RS-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
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NO PARAMETERS FOR THIS CATEGORY

001242

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					
	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	270	250	270
14V	79-00-5	1,1,2-TRICHLOROETHANE	0.07		0.018		J 180
10V	75-34-3	1,1-DICHLOROETHANE	15	7	1.2	1	0.49
10V	107-06-2	1,2-DICHLOROETHANE					
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
88V	75-01-4	VINYL CHLORIDE				7	7
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

00124
11/21/88

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
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NO PARAMETERS FOR THIS CATEGORY

001245

BYRON BARREL AND DRUM SITE - MONITORING WELLS

	BS-MW02A-1	BS-MW02A-3	BS-MW02A-4	BS-MW02B-1	BS-MW02B-3	BS-MW02B-3A	BS-MW02B-4
SAMPLE NUMBER:	90651	BX169	4341B-009	90652	BX170	BX171	4341B-008
TRAFFIC REPORT NUMBER:							
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
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NO PARAMETERS FOR THIS CATEGORY

0012AR
9142100

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
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NO PARAMETERS FOR THIS CATEGORY

001218

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	CHLOROXYLENE				
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-DICHLOROBENZENE				
	541-73-1	1,3-DICHLOROBENZENE				
	106-46-7	1,4-DICHLOROBENZENE				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
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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	43418-010	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

*** PESTICIDES ***

PP	CAS NO	COMPOUND
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NO PARAMETERS FOR THIS CATEGORY

0012252

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	MBT575	MBT822	NA	MBT576	MBT823	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:	/ /	/ /	/ /	/ /	/ /	/ /	/ /

*** GEOCHEMICAL PARAMETERS ***

PP	CAS NO	COMPOUND
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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
14V	79-00-5	1,1,2-TRICHLOROETHANE				0.032	600
10V	75-34-3	1,1-DICHLOROETHANE		4.5	J 10	5.1	3.4
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
88V	75-01-4	VINYL CHLORIDE					11
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

HYRON BARREL AND DRUM SITE - MONITORING WELLS

	BS-MW04A-3	BS-MW04A-4	BS-MW05A-2	BS-MW05A-3	BS-MW05A-4	BS-MW05B-2	BS-MW05B-3
SAMPLE NUMBER:	BX168	4341B-014	91123	BX180	4341B-Q21	91124	BX181
TRAFFIC REPORT NUMBER:							
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
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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	143000
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				1990
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
						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
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NO PARAMETERS FOR THIS CATEGORY

001260

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
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
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NO PARAMETERS FOR THIS CATEGORY

001284

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	MB1816
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	517	BARIUM		559	275	2870 5230
5	2.4	BERYLLIUM			1.1	5 22.6
6		CADMIUM		J 10		21
7	192000	CALCIUM		J 491000	138000	J 549000 2070000
8	89.1	CHROMIUM		J 14	42.6	55 479
9	26	COBALT		31	10.8	105 377
10	J 72	COPPER		J 105	J 46.5	J 398 J 2110
11	47300	IRON		29500	15700	28100 666000
12	17	LEAD		65		J 180 631
13	58500	MAGNESIUM		J 80500	37600	J 151000 500000
14	857	MANGANESE		3280	646	9460 19800
15		MERCURY				J 0.5 0.7
16	58.6	NICKEL		52	29.3	144 606
17	6320	POTASSIUM		J 3310	3590	J 6370 35300
19	4.6	SILVER				
20	6160	SODIUM		7580	7450	5210
23	57.1	VANADIUM		16	16.2	47 574
24	233	ZINC		J 492	172	J 1670 7580

001265

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:	NA	NA	NA	NA	NA	NA	NA
LOCATION:							
ELEVATION (MSL):							
DESCRIPTION:							
UNITS:							
DATE SAMPLED:	/ /	/ /	/ /	/ /	/ /	/ /	/ /

*** GEOCHEMICAL PARAMETERS ***

PP	CAS NO	COMPOUND
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NO PARAMETERS FOR THIS CATEGORY

001256
993100

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	CHLOROENZENE		0.046				
11V	71-55-6	1,1,1-TRICHLOROETHANE	300	240	510	310	J 110	190
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
88V	75-01-4	VINYL CHLORIDE						0.46
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						
		TRICHLOROFUOROMETHANE						
	95-50-1	1,2-DICHLOROENZENE						
	541-73-1	1,3-DICHLOROENZENE						
	106-46-7	1,4-DICHLOROENZENE						

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	J 2
27B	106-46-7	1,4-DICHLOROBENZENE	J 2
62B	86-30-6	N-NITROSODIPHENYLAMINE	J 2

001288

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	43418-016	91127	BX179	43418-017	BX177	43418-015
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
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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
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NO PARAMETERS FOR THIS CATEGORY

001270

BYRON BARREL AND DRUM SITE - MONITORING WELLS

	BS-MW07A-3	BS-MW07A-4	BS-MW07B-2	BS-MW07B-3	BS-MW07B-4	BS-MW08B-3	BS-MW08B-4
SAMPLE NUMBER:	MBT578	MBT826	NA	MBT599	MBT827	MBT577	MBT825
TRAFFIC REPORT NUMBER:							
LOCATION:	MUCKLAND	MUCKLAND		MUCKLAND	MUCKLAND	MUCKLAND	MUCKLAND
ELEVATION (MSL):	619.98 FT	619.98 FT		628.85 FT	628.85 FT	629.76 FT	629.76 FT
DESCRIPTION:	MW 7A	MW 7A		MW 7B	MW 7B	MW 8B	MW 8B
UNITS:	UG/L	UG/L		UG/L	UG/L	UG/L	UG/L
DATE SAMPLED:	11/07/88	12/14/88	/ /	11/07/88	12/14/88	11/09/88	12/14/88

*** INORGANICS ***

PP	CAS NO	COMPOUND					
1		ALUMINUM	14300		167000		17700
2		ANTIMONY					
3	J 8	ARSENIC		J 24		J 3	
4	364	BARIUM	263	1680	2810	412	388
5		BERYLLIUM	1.8		11.2		1.4
6	4	CADMIUM		14		3	
7	J 310000	CALCIUM	226000	J 547000	1110000	J 125000	146000
8	J 17	CHROMIUM	129	47	307	55	76.8
9	7	COBALT	15.1	42	166	8	17.6
10	J 61	COPPER	J 46.3	J 241	J 967	J 50	J 60
11	15900	IRON	26900	38400	355000	14600	33200
12	J 39	LEAD	13.7	J 111	260	J 22	15.1
13	J 70200	MAGNESIUM	72900	J 116000	268000	J 34200	47800
14	1640	MANGANESE	1080	7020	9730	1360	1050
15		MERCURY			0.6		
16	39	NICKEL	74.4	91	314	30	49.0
17	J 2920	POTASSIUM	5090	J 8920	30100	J 2580	5260
19		SILVER	4.5				4.7
20	37900	SODIUM	50800	5100	6300	4210	2110
23	14	VANADIUM	30.4	51	351		34.8
24	J 163	ZINC	115	J 729	2990	J 186	228

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
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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	CHLOROENZENE				
11V	71-55-6	1,1,1-TRICHLOROETHANE	280	J 250	4400	J 560 570
14V	79-00-5	1,1,2-TRICHLOROETHANE		0.022		0.029
10V	75-34-3	1,1-DICHLOROETHANE	5	8.1	290	15 17
10V	107-06-2	1,2-DICHLOROETHANE				
16V	75-00-3	CHLOROETHANE				
85V	127-18-4	TETRACHLOROETHENE				
87V	79-01-6	TRICHLOROETHENE	5	J 5.9	19	6.5 8
30V	156-60-5	TRANS-1,2-DICHLOROETHENE				
29V	75-35-4	1,1-DICHLOROETHENE	8	J 4.1	41	3.2 3
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		0.018		

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-ETHYLHEXYL)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	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

*** ACIDS ***

PP	CAS NO	COMPOUND
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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
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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 ***

HP	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			3.5	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	79500	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
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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
36V	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
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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 ***

FP	CAS NO	COMPOUND
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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 ***

FP	CAS NO	COMPOUND	BS-MW11B-4A	BS-MW12B-3	BS-MW12B-4	BS-MW13B-3	BS-MW13B-4	BS-MW14B-3	BS-MW14B-4
1		ALUMINUM	14800		70300		13200		5630
2		ANTIMONY							
3	23.6	ARSENIC	J 9			J 12		J 18	
4	179	BARIUM	197		557	J 84	160	J 165	173
5	1.8	BERYLLIUM			4.6		1.6		1.1
6		CADMIUM	J 8			4		4	
7	474000	CALCIUM	545000		718000	128000	184000	272000	295000
8	51	CHROMIUM	J 23		185	J 15	39.7	J 13	50.9
9	11.9	COBALT	14		60.1	8	12.7	5	10
10	49.7	COPPER	J 76		J 168	J 46	J 62.7	J 37	J 55.4
11	34800	IRON	23100		132000	10800	34900	11400	14700
12	14.6	LEAD	J 30		89.7	110	12	13	4.5
13	181000	MAGNESIUM	J 110000		218000	J 38200	61600	J 56500	62800
14	1080	MANGANESE	3300		3390	552	949	769	775
15		MERCURY	J 0.3						
16	40.7	NICKEL	113		198	34	55	37	57.1
17	4920	POTASSIUM	J 3970		17800	J 4280	6570	J 5540	6630
19		SILVER					4.9		
20	14500	SODIUM	5510		10000	25000	27100	3430	3470
23	35	VANADIUM	16		147	21	41.9	12	15.9
24	115	ZINC	J 147		417	J 86	117	J 62	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
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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

001288

BYRON BARREL AND DRUM SITE - MONITORING WELLS

SAMPLE NUMBER:
TRAFFIC REPORT NUMBER:
LOCATION:
ELEVATION (MSL):
DESCRIPTION:
UNITS:
DATE SAMPLED:

*** ACIDS ***

PP	CAS NO	COMPOUND
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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
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NO PARAMETERS FOR THIS CATEGORY

001290

Surface Water Results

001291

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	J 9				
	108-10-1	4-METHYL-2-PENTANONE					
86V	108-88-3	TOLUENE	J 3			9	
11V	71-55-6	1,1,1-TRICHLOROETHANE				7	
10V	75-34-3	1,1-DICHLOROETHANE			11	30	
30V	156-60-5	TRANS-1,2-DICHLOROETHENE				2	
45V	74-87-3	CHLOROMETHANE					39
	75-15-0	CARBON DISULFIDE	J 4			13	

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
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NO PARAMETERS FOR THIS CATEGORY

001295

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:		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			4820.0
3		ARSENIC	9.8	23.4	31.9
4		BARIUM			818.0
7		CALCIUM	98600.0	156000.0	397000.0
9		COBALT		[16.0]	1540.0
10		COPPER			97.0
11		IRON			29100.0
12		LEAD			28.2
13		MAGNESIUM	28500.0	36900.0	41600.0
14		MANGANESE	899.0	1460.0	677.0
16		NICKEL			[17.0]
17		POTASSIUM		[3190.0]	[3950.0]
20		SODIUM	[4750.0]	5220.0	[3080.0]
23		VANADIUM	[23.0]	[38.0]	51.0
24		ZINC			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
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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

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

*** BASE/NEUTRALS ***

PP	CAS NO	COMPOUND
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
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NO PARAMETERS FOR THIS CATEGORY

001301

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:
SAMPLING POINT:
LOCATION:
DESCRIPTION:
UNITS:
DATE SAMPLED: / / / / / / / / / / / /

*** 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:	BS-SW005-2	BS-SW006-2	BS-SW007-2	BS-SW008-2	BS-SW009-2	BS-SW010-2	BS-SW011-2
TRAFFIC REPORT NUMBER:							
SAMPLING POINT:							
LOCATION:							
DESCRIPTION:							
UNITS:							
DATE SAMPLED:	/ /	/ /	/ /	/ /	/ /	/ /	/ /

*** GEOCHEMICAL PARAMETERS ***

PP	CAS NO	COMPOUND
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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:	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

*** 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:	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

*** PESTICIDES ***

PP	CAS NO	COMPOUND
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NO PARAMETERS FOR THIS CATEGORY

001307

BYRON BARREL & DRUM - SURFACE WATERS

SAMPLE NUMBER: BS-SW012-2 BS-SW012-2A BS-SW013-2 BS-SW014-2
TRAFFIC REPORT NUMBER:
SAMPLING POINT:
LOCATION:
DESCRIPTION:
UNITS:
DATE SAMPLED: / / / / / /

*** 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:	BS-SW012-2	BS-SW012-2A	BS-SW013-2	BS-SW014-2
TRAFFIC REPORT NUMBER:				
SAMPLING POINT:				
LOCATION:				
DESCRIPTION:				
UNITS:				
DATE SAMPLED:	/ /	/ /	/ /	/ /

*** GEOCHEMICAL PARAMETERS ***

PP	CAS NO	COMPOUND
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NO PARAMETERS FOR THIS CATEGORY

001309

Sediment Results

001310

001310

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	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

*** VOLATILES ***

PP	CAS NO	COMPOUND						
	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:				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

*** BASE/NEUTRALS ***

PP	CAS NO	COMPOUND
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NO PARAMETERS FOR THIS CATEGORY

001312

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	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

*** ACIDS ***

PP	CAS NO	COMPOUND
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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

001315

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:	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	DITCH 1	DITCH 1	DITCH 1	DITCH 1	DITCH 1	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

*** VOLATILES ***

PP	CAS NO	COMPOUND				
	67-64-1	ACETONE				
	78-93-3	2-BUTANONE				13
	108-10-1	4-METHYL-2-PENTANONE				
86V	108-88-3	TOLUENE	J 0.7	J 2	J 0.7	7
38V	100-41-4	ETHYLBENZENE				
	100-42-5	STYRENE				
7V	108-90-7	CHLOROBENZENE				
11V	71-55-6	1,1,1-TRICHLOROETHANE		32		
10V	75-34-3	1,1-DICHLOROETHANE		19		
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				

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
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NO PARAMETERS FOR THIS CATEGORY

001318

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

*** ACIDS ***

PP	CAS NO	COMPOUND
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NO PARAMETERS FOR THIS CATEGORY

001319

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

*** PESTICIDES ***

PP	CAS NO	COMPOUND		
92P	50-29-3	4,4'-DDT		28
	72-54-8	4,4'-DDD		19
98P	72-20-8	ENDRIN		
97P	1031-07-8	ENDOSUFAN SULFATE		
90P	60-57-1	DIELDRIN	34	130
				1000
				220
				110
				84
				530

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
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NO PARAMETERS FOR THIS CATEGORY

001322

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:	OAK ORCHARD	OAK ORCHARD	DITCH 2	DITCH 2	DITCH 2	DITCH 2	DITCH 2
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

*** VOLATILES ***

PP	CAS NO	COMPOUND					
	67-64-1	ACETONE			270		
	78-93-3	2-BUTANONE		33	73		39
	108-10-1	4-METHYL-2-PENTANONE					J 10
86V	108-88-3	TOLUENE				1600	900
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			J 4		
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					

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
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NO PARAMETERS FOR THIS CATEGORY

001324

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

*** ACIDS ***

PP	CAS NO	COMPOUND

NO PARAMETERS FOR THIS CATEGORY

001325

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

*** 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

001325

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:	/ /	/ /	/ /	/ /	/ /	/ /	/ /

*** 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:
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

/ / / / / / / / / / / / / /

*** GEOCHEMICAL PARAMETERS ***

PP CAS NO COMPOUND

NO PARAMETERS FOR THIS CATEGORY

001328
825100

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:	OAK ORCHARD	OAK ORCHARD	OAK ORCHARD	DITCH 1	DITCH 1
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

*** 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-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

*** BASE/NEUTRALS ***

PP	CAS NO	COMPOUND
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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	UPSI 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
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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		BARIIUM
5		BERYLLIUM
7		CALCIUM
8		CHROMIUM
10		COPPER
11		IRON
12		LEAD
13		MAGNESIUM
14		MANGANES
16		NICKEL
17		POTASSIUM
18		SELENIUM
23		VANADIUM
24		ZINC

001333

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:	/ /	/ /	/ /	/ /	/ /

*** GEOCHEMICAL PARAMETERS ***

PP	CAS NO	COMPOUND
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NO PARAMETERS FOR THIS CATEGORY

001334

Residential Well Results

40111

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		0.0094
44V	75-09-2	METHYLENE CHLORIDE		J 1.9
32V	78-87-5	1,2-DICHLOROPROPANE		0.03
19V	110-75-8	2-CHLOROETHYL VINYL ETHER		0.59
		TRICHLOROFLUOROMETHANE		0.041
	106-46-7	1,4-DICHLOROBENZENE		0.02

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	4341B-030	40838-03	4341B-031	4341B-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
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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
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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
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NO PARAMETERS FOR THIS CATEGORY

001339

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:		HBP322		HBP323			HBP324
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
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NO PARAMETERS FOR THIS CATEGORY

143100

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			0.25
87V	79-01-6	TRICHLOROETHENE	0.32		0.23
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			

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
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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
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NO PARAMETERS FOR THIS CATEGORY

001314

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
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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
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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
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NO PARAMETERS FOR THIS CATEGORY

001307

Supplemental Results

100000

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
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	67-64-1	ACETONE	B 220		
11V	71-55-6	1,1,1-TRICHLOROETHANE		J 10	J 6.4
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			

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	45	27	150	25	22
14V	79-00-5	1,1,2-TRICHLOROETHANE			8.1	7.7	9.1
87V	79-01-6	TRICHLOROETHENE	8.1	5.8	15	8.4	8.7
29V	75-35-4	1,1-DICHLOROETHENE			5.9		
44V	75-09-2	METHYLENE CHLORIDE					

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 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	2200
10V	75-34-3	1,1-DICHLOROETHANE		300	87		680
87V	79-01-6	TRICHLOROETHENE			33		51
30V	156-60-5	TOTAL-1,2-DICHLOROETHENE					J 11
29V	75-35-4	1,1-DICHLOROETHENE		J 21	J 6		J 50
6V	56-23-5	CARBON TETRACHLORIDE					

001352

SAMPLE NUMBER:
TRAFFIC REPORT NO:
LOCATION:
ELEVATION (MSL):
DESCRIPTION:
UNITS:
DATE SAMPLED:

BS-MW006-5	BS-MW007-5	BS-MW10B-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-10B
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	J 1200	B 27	B 65	B 2200	B 520
11V	71-55-6	1,1,1-TRICHLOROETHANE					
10V	75-34-3	1,1-DICHLOROETHANE					
29V	75-35-4	1,1-DICHLOROETHENE					

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				
			B 9	B 20	B 17	B 11
11V	71-55-6	1,1,1-TRICHLOROETHANE			1000	240
10V	75-34-3	1,1-DICHLOROETHANE			13	
29V	75-35-4	1,1-DICHLOROETHENE			13	

001355