

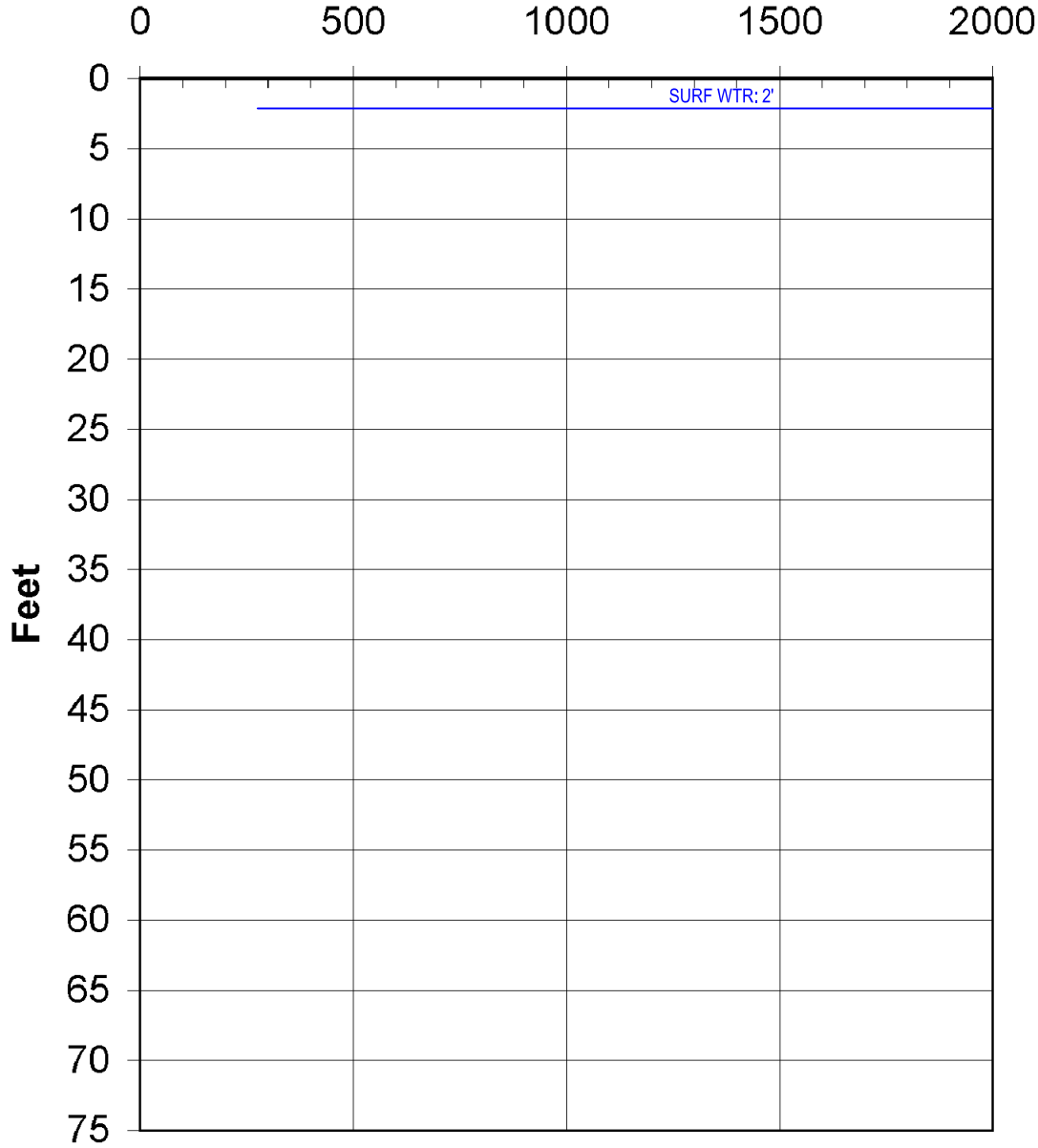
APPENDIX A

BORING LOGS AND GEOPHYSICAL LOGS

White Lake

B1

No Conductivity LOG

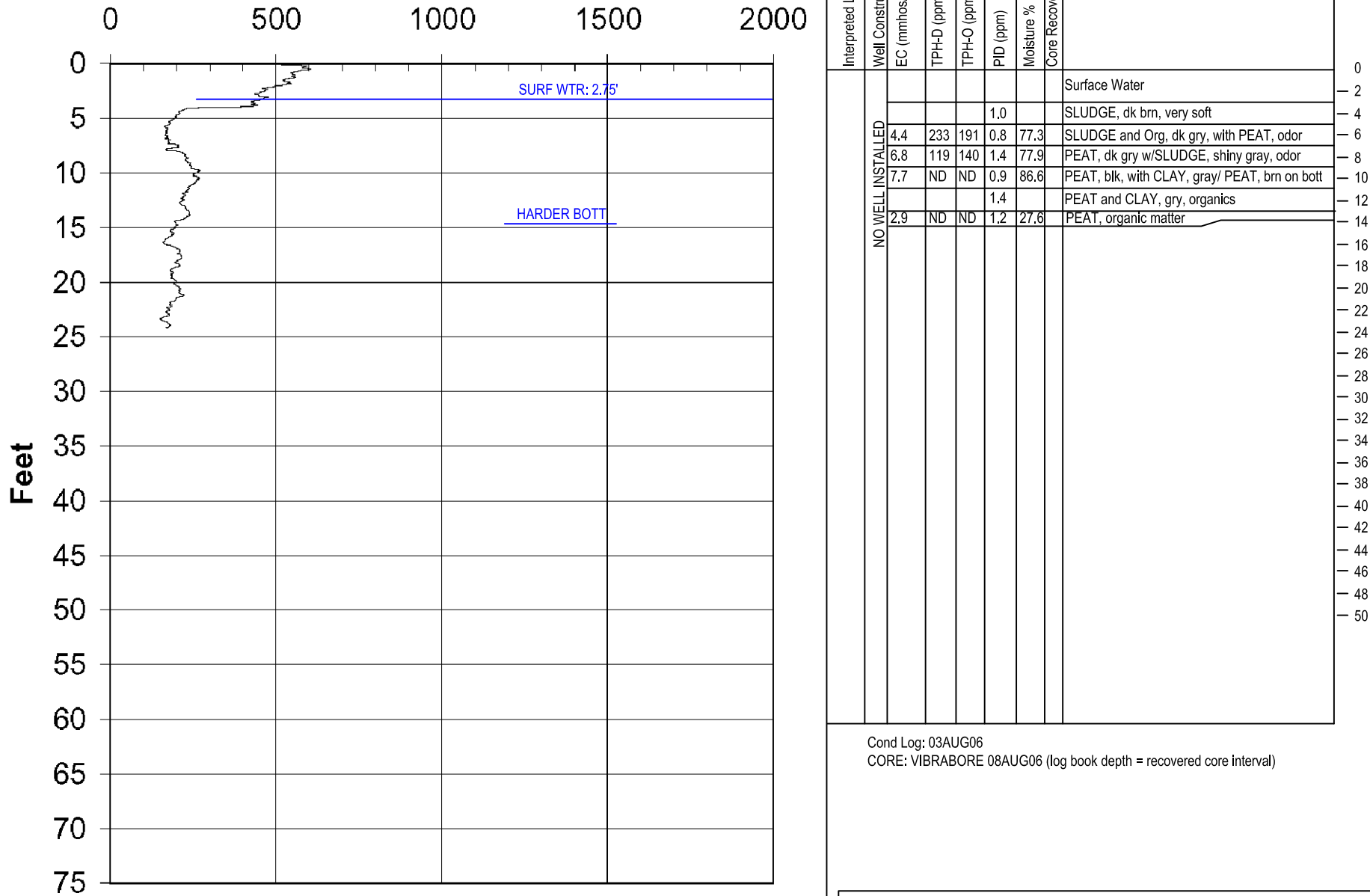


Interpreted Lithology	Well Construction	Chlorides (ppm)	TPH-D (ppm)	TPH-O (ppm)	PID (ppm)	Pkt Pen (t/sq ft)	Core Recovery	B-1 Schematic Vermilion Parish School Board, White Lake
								0
								- 2
								- 4
								- 6
								- 8
								- 10
								- 12
								- 14
								- 16
								- 18
								- 20
								- 22
								- 24
								- 26
								- 28
								- 30
								- 32
								- 34
								- 36
								- 38
								- 40
								- 42
								- 44
								- 46
								- 48
								- 50

SOIL CONDUCTIVITY PROBE BORING LOG DIAGRAM			
Project #	9077-041-0800	Lat/Log (Datum):	N29-43-57.3 W92-21-56.9 (WGS 84)
Cond Log Date	8/2/06	TEMP WELL DATA	Riser Stickup: NA
Core Sample Date	10/30/06	TD (BGS): 50'	Screened Interval (BGS): 40-50

White Lake B2

Conductivity mS/m



B-2
Schematic
Vermilion Parish School Board, White Lake

Interpreted Lithology	Well Construction	EC (mmhos/cm)	TPH-D (ppm)	TPH-O (ppm)	PID (ppm)	Moisture %	Core Recovery		
								0	
								2	Surface Water
								4	SLUDGE, dk brn, very soft
		4.4	233	191	0.8	77.3		6	SLUDGE and Org, dk gry, with PEAT, odor
		6.8	119	140	1.4	77.9		8	PEAT, dk gry w/SLUDGE, shiny gray, odor
		7.7	ND	ND	0.9	86.6		10	PEAT, blk, with CLAY, gray/ PEAT, brn on bott
					1.4			12	PEAT and CLAY, gry, organics
		2.9	ND	ND	1.2	27.6		14	PEAT, organic matter
								16	
								18	
								20	
								22	
								24	
								26	
								28	
								30	
								32	
								34	
								36	
								38	
								40	
								42	
								44	
								46	
								48	
								50	

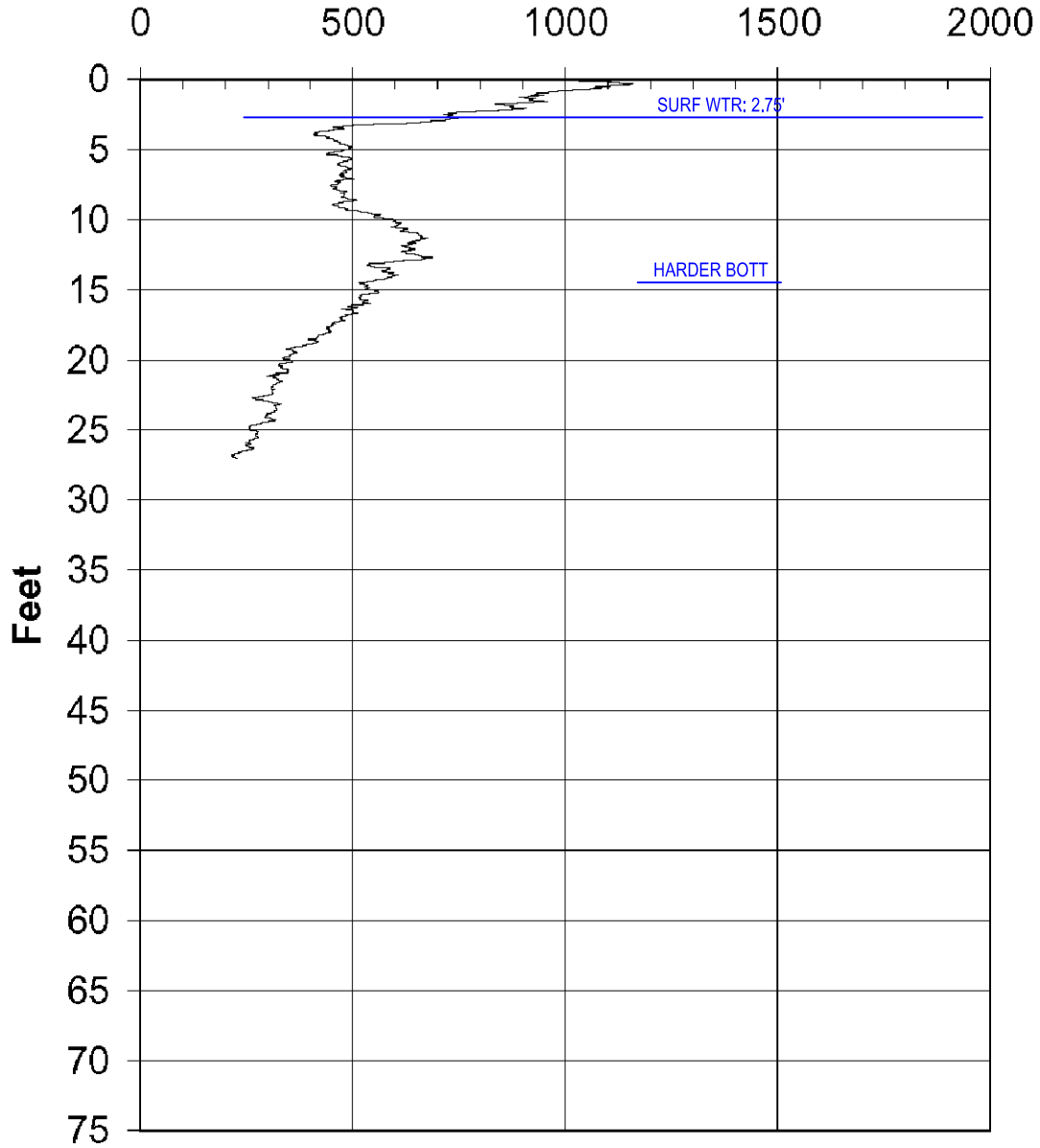
Cond Log: 03AUG06
CORE: VIBRABORE 08AUG06 (log book depth = recovered core interval)

SOIL CONDUCTIVITY PROBE BORING LOG DIAGRAM

Project #	9077-041-0800	Lat/Log (Datum):	N29-43-58.5 W92-21-51.9 (WGS 84)
Cond Log Date	8/3/06	TEMP WELL DATA	Riser Stickup: NA
Core Sample Date	8/8/06	TD (BGS):	10.5 Screened Interval (BGS): NA

White Lake B3

Conductivity mS/m



B-3
Schematic
Vermilion Parish School Board, White Lake

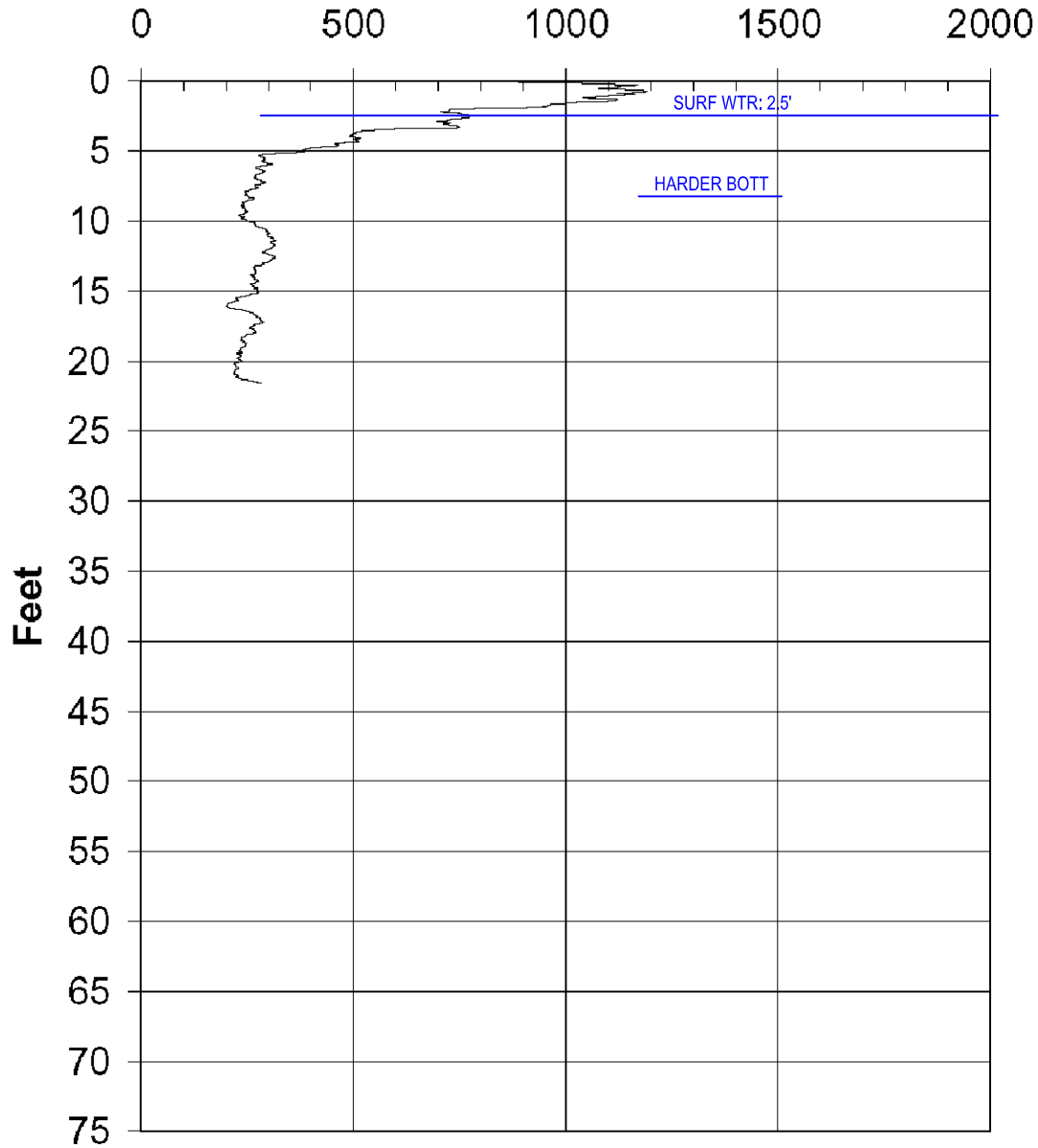
Interpreted Lithology	Well Construction	EC (mmhos/cm)	TPH-D (ppm)	TPH-O (ppm)	PID (ppm)	Moisture %	Core Recovery	
								0
								2
					4.4			4
					0.3			6
		13.2	NA	NA	0.3	70.5		8
					0.2			10
		5.6	ND	ND	12.5	52.8		12
								14
								16
								18
								20
								22
								24
								26
								28
								30
								32
								34
								36
								38
								40
								42
								44
								46
								48
								50

Cond Log: 03AUG06
CORE: VIBRABORE 09AUG06 (log book depth = recovered core interval)

SOIL CONDUCTIVITY PROBE BORING LOG DIAGRAM			
Project #	9077-041-0800	Lat/Log (Datum):	N29-43-58.2 W92-21-41.7 (WGS 84)
Cond Log Date	8/3/06	TEMP WELL DATA	Riser Stickup: NA
Core Sample Date	8/9/06	TD (BGS):	NA Screened Interval (BGS): NA

White Lake B4

Conductivity mS/m



B-4
Schematic
Vermilion Parish School Board, White Lake

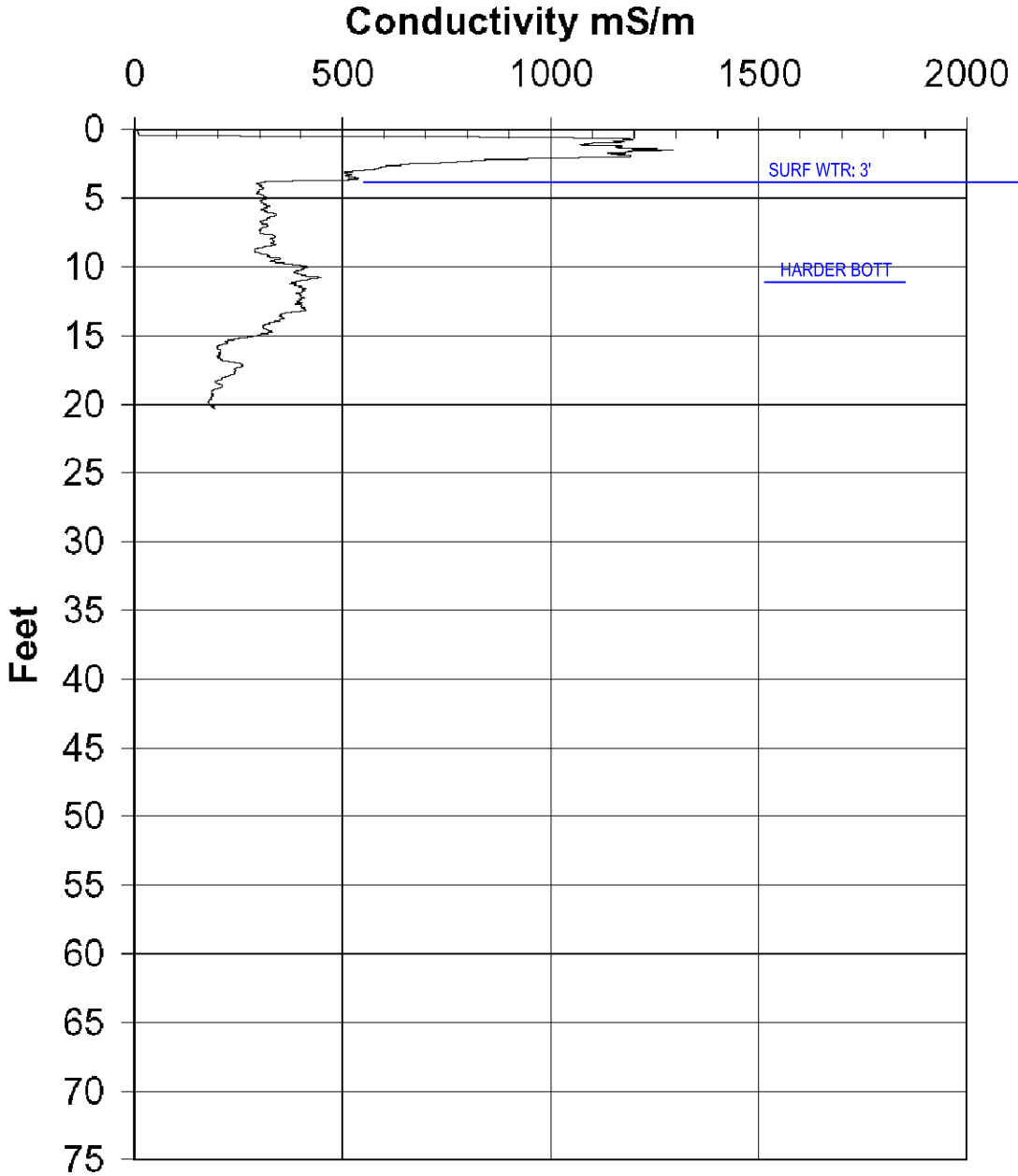
Interpreted Lithology	Well Construction	EC (mmhos/cm)	TPH-D (ppm)	TPH-O (ppm)	PID (ppm)	Moisture %	Core Recovery
NO WELL INSTALLED							SURFACE WTR
		18.9	440	347	0.5	78.4	SLUDGE, shiny, dk gry, odor
		8.29	ND	ND	0.6	52.5	PEAT, Org CLAY, dk brn, with odor
		12.7	ND	ND	0.2	82.6	PEAT, v soft, gray, with organics & Peat layers
							PEAT, dk brown-black / CLAY organic gry bott 6"

Cond Log: 03AUG06
CORE: VIBRABORE 09AUG06 (log book depth = recovered core interval)

SOIL CONDUCTIVITY PROBE BORING LOG DIAGRAM

Project #	9077-041-0800	Lat/Log (Datum):	N29-44-11.3 W92-21-45.8 (WGS 84)
Cond Log Date	8/3/06	TEMP WELL DATA	Riser Stickup: NA
Core Sample Date	8/9/06	TD (BGS):	NA Screened Interval (BGS): NA

White Lake B5



B-5
Schematic
Vermilion Parish School Board, White Lake

Interpreted Lithology	Well Construction	EC (mmhos/cm)	TPH-D (ppm)	TPH-O (ppm)	PID (ppm)	Moisture %	Core Recovery
		12.4	112	139	0.5	71	Surface Wtr
					0.1		Loose Sediment with leaves and organics, dk gr
					0.1		PEAT and Organic CLAY, brown
		7.07	NA	NA	0.1	58.5	CLAY, very soft, with organic matter
					0.1		PEAT, dark brown
		9.01	NA	NA	0.1	59.6	CLAY with organic material, dark brown

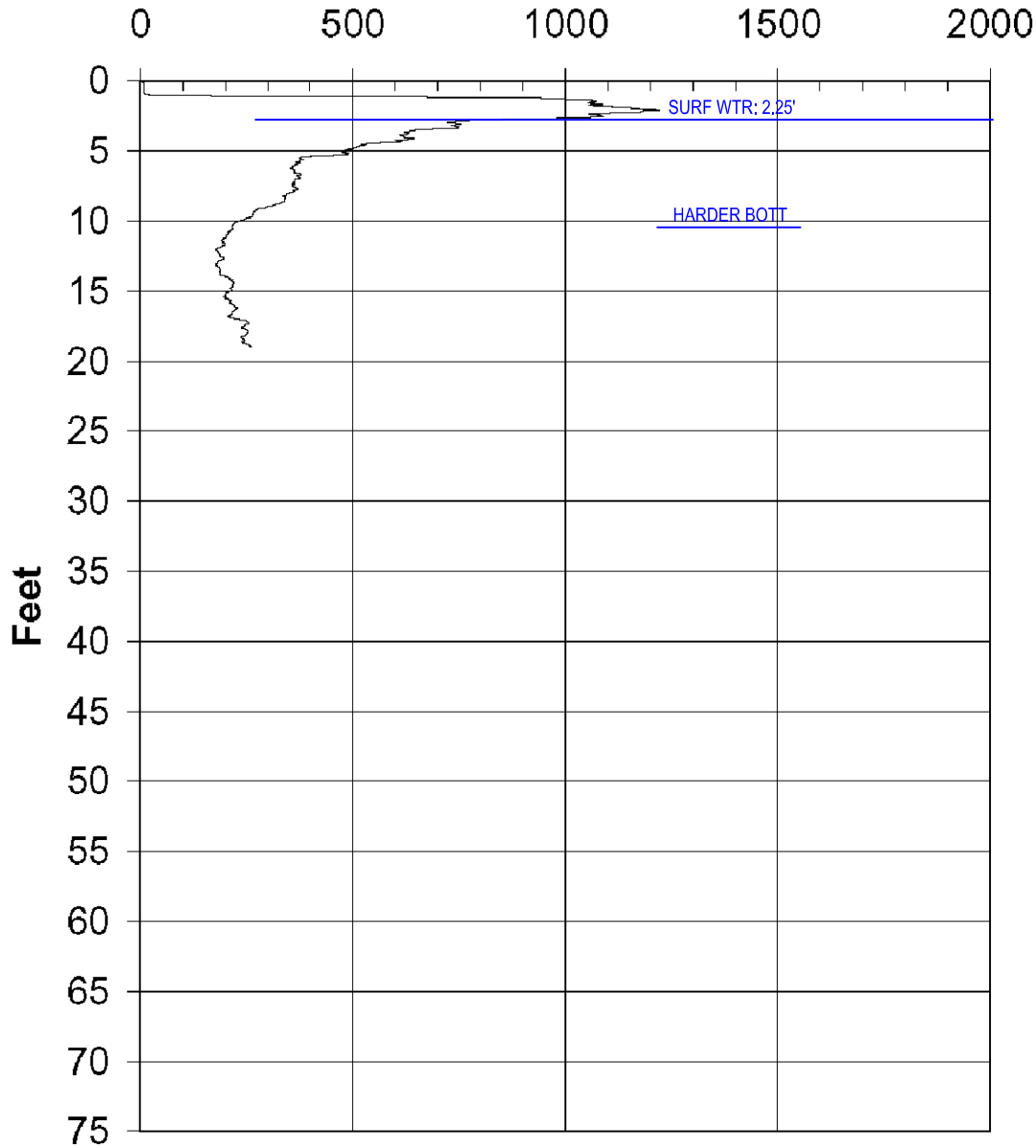
Cond Log: 03AUG06
CORE: VIBRABORE 09AUG06 (log book depth = recovered core interval)

SOIL CONDUCTIVITY PROBE BORING LOG DIAGRAM

Project #	9077-041-0800	Lat/Log (Datum):	N29-44-04.2 W92-21-52.8 (WGS 84)	
Cond Log Date	8/3/06	TEMP WELL DATA	Riser Stickup: NA	
Core Sample Date	8/9/06	TD (BGS):	NA	Screened Interval (BGS): 9-19'

White Lake B6

Conductivity mS/m



B-6
Schematic
Vermilion Parish School Board, White Lake

Interpreted Lithology	Well Construction	EC (mmhos/cm)	TPH-D (ppm)	TPH-O (ppm)	PID (ppm)	Moisture %	Core Recovery
							Surface Wtr
					0.5		Dk Gry. Sat. Sed. to 1.5', Dk Brn Peat & Soft OH w/odor to 3', Gry Clay w/grass.
		8.5	ND	ND	0.2	62.3	Lt. Gray Clay w/grass through out.
		5.2	ND	ND	0.2	46.6	SAA w/6" of peat from 8-8.5'.
NO WELL INSTALLED							

0
-2
-4
-6
-8
-10
-12
-14
-16
-18
-20
-22
-24
-26
-28
-30
-32
-34
-36
-38
-40
-42
-44
-46
-48
-50

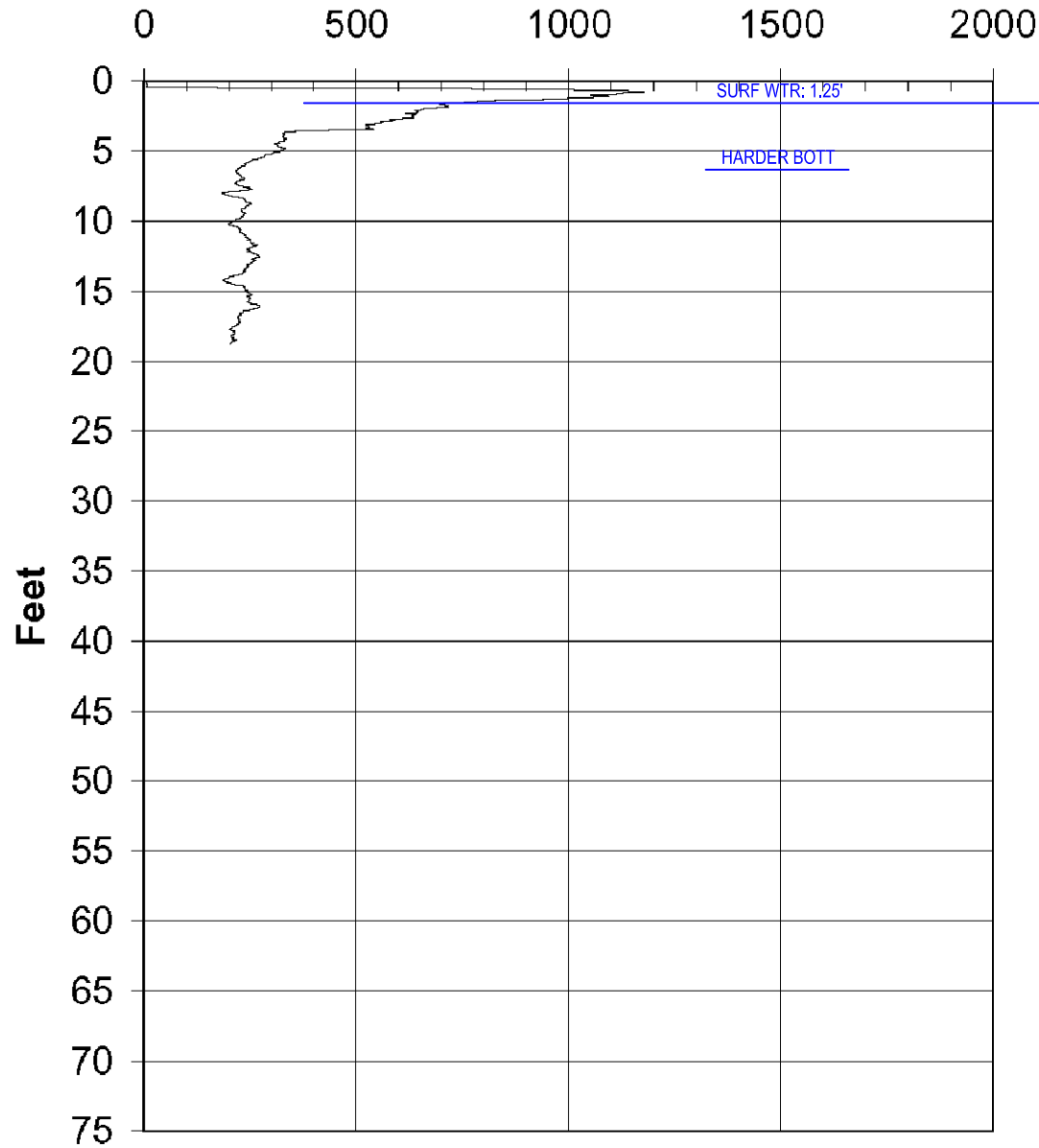
Cond Log: 03AUG06
CORE: VIBRABORE 09AUG06 (log book depth = recovered core interval)

SOIL CONDUCTIVITY PROBE BORING LOG DIAGRAM

Project #	9077-041-0800	Lat/Log (Datum):	N29-44-13.4 W92-22-04.6 (WGS 84)
Cond Log Date	8/3/06	TEMP WELL DATA	Riser Stickup: NA
Core Sample Date	8/9/06	TD (BTOC):	NA Screened Interval (BTOC): NA

White Lake B7

Conductivity mS/m



B-7
Schematic
Vermilion Parish School Board, White Lake

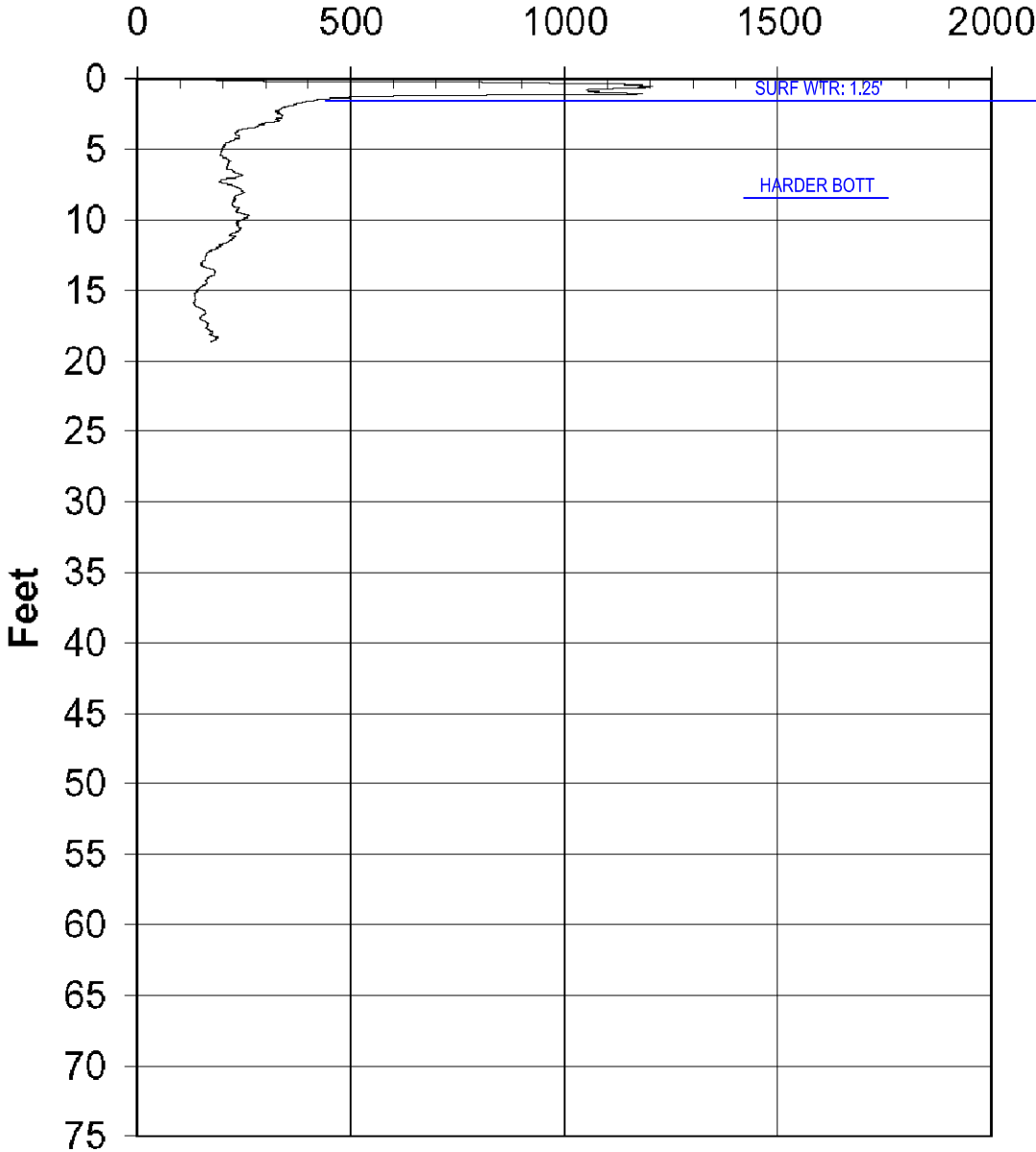
Interpreted Lithology	Well Construction	EC (mmhos/cm)	TPH-D (ppm)	TPH-O (ppm)	PID (ppm)	Moisture %	Core Recovery
							Surface Wtr
					0.1		Sediment, dk gry, semisolid
		8.1	NA	NA	0.4		PEAT, some CLAY, dk brown-black
		12.9	ND	ND	0.5		CLAY, gry, shiny, vsoft, org matter, no odor
					0.1		PEAT, dk brn-black, some Organic CLAY
		2.85	ND	ND	0.2		CLAY, lt gry, with Organic Matter

Cond Log: 03AUG06
CORE: VIBRABORE 09AUG06 (log book depth = recovered core interval)

SOIL CONDUCTIVITY PROBE BORING LOG DIAGRAM			
Project #	9077-041-0800	Lat/Log (Datum):	N29-44-05.9 W92-22-06.7 (WGS 84)
Cond Log Date	8/3/06	TEMP WELL DATA	Riser Stickup: NA
Core Sample Date	8/9/06	TD (BGS): NA	Screened Interval (BGS): NA

White Lake B8

Conductivity mS/m



B-8
Schematic
Vermilion Parish School Board, White Lake

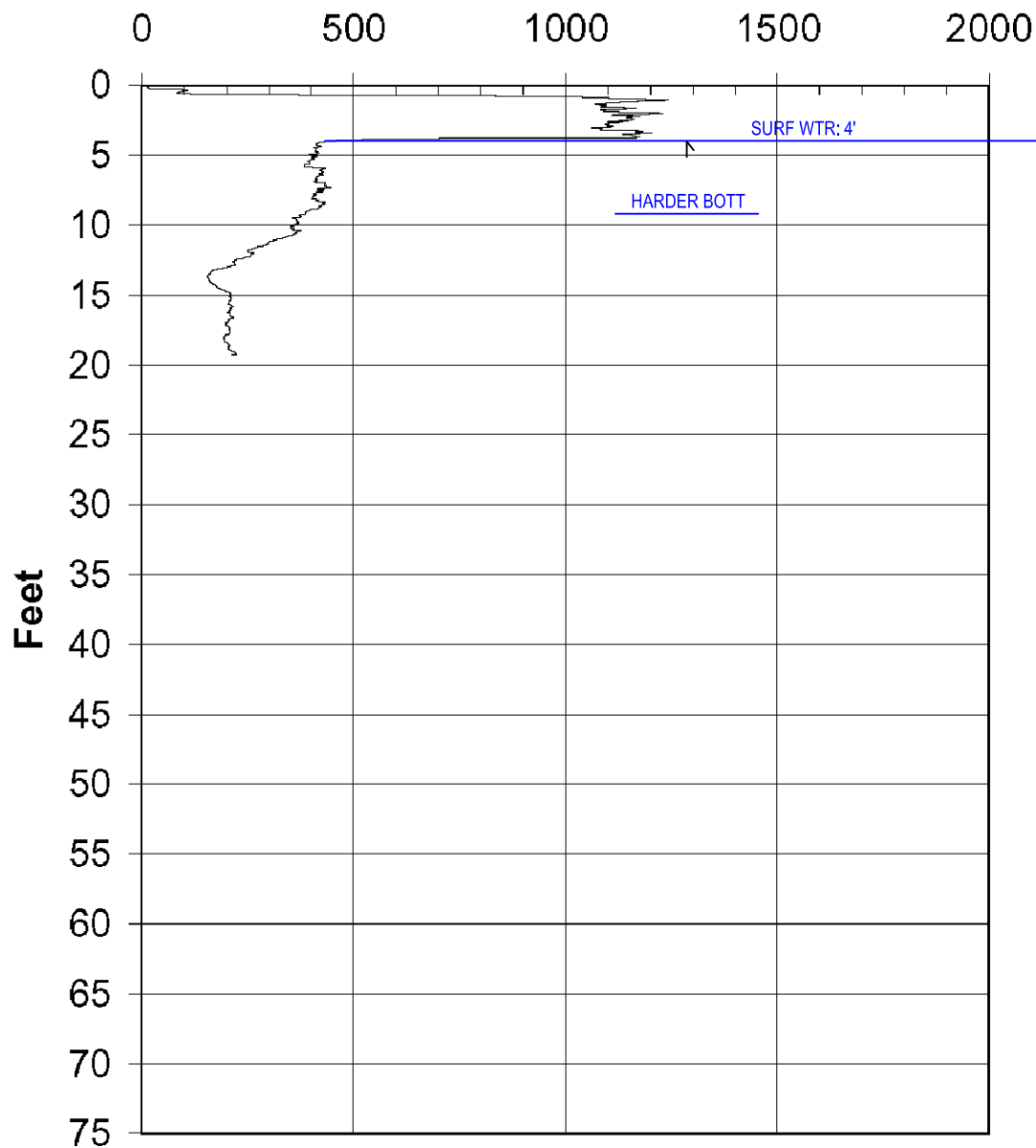
Interpreted Lithology	Well Construction	EC (mmhos/cm)	TPH-D (ppm)	TPH-O (ppm)	PID (ppm)	Moisture %	Core Recovery
							Surface Water
				0.1			CLAY, w/ PEAT lens, dk gry
		10.9	ND	ND	0.2	56.2	PEAT with some Organic CLAY, dk brn
					0.5		CLAY, organic CLAY, shiny gry
					0.2		PEAT, dk brn
		6.97	ND	ND	0.2	32.9	CLAY, w/Organics, dk-light gry
NO WELL INSTALLED							

Cond Log: 03AUG06
CORE: VIBRABORE 09AUG06 (log book depth = recovered core interval)

SOIL CONDUCTIVITY PROBE BORING LOG DIAGRAM			
Project #	9077-041-0800	Lat/Log (Datum):	N29-44-01.1 W92-22-11.0 (WGS 84)
Cond Log Date	8/3/06	TEMP WELL DATA	Riser Stckup: NA
Core Sample Date	8/9/06	TD (BGS):	NA Screened Interval (BGS): NA

White Lake B9

Conductivity mS/m



B-9
Schematic
Vermilion Parish School Board, White Lake

Interpreted Lithology	Well Construction	EC (mmhos/cm)	TPH-D (ppm)	TPH-O (ppm)	PID (ppm)	Moisture %	Core Recovery
						NR	Surface Wtr
		13.4	13.2	ND	1.0	74.4	SEDIMENT, dk gry, saturated
		16.7	ND	ND	0.1	71.1	PEAT, w/Organic CLAY, brn-dk gry
					0.2		PEAT, dk brn - black
		7.41	NA	NA	0.7	54.4	Organic CLAY, grey - dk gry
		3.77	ND	ND	0.7	34.3	CLAY, Stiff, gry-lt blue, some grass

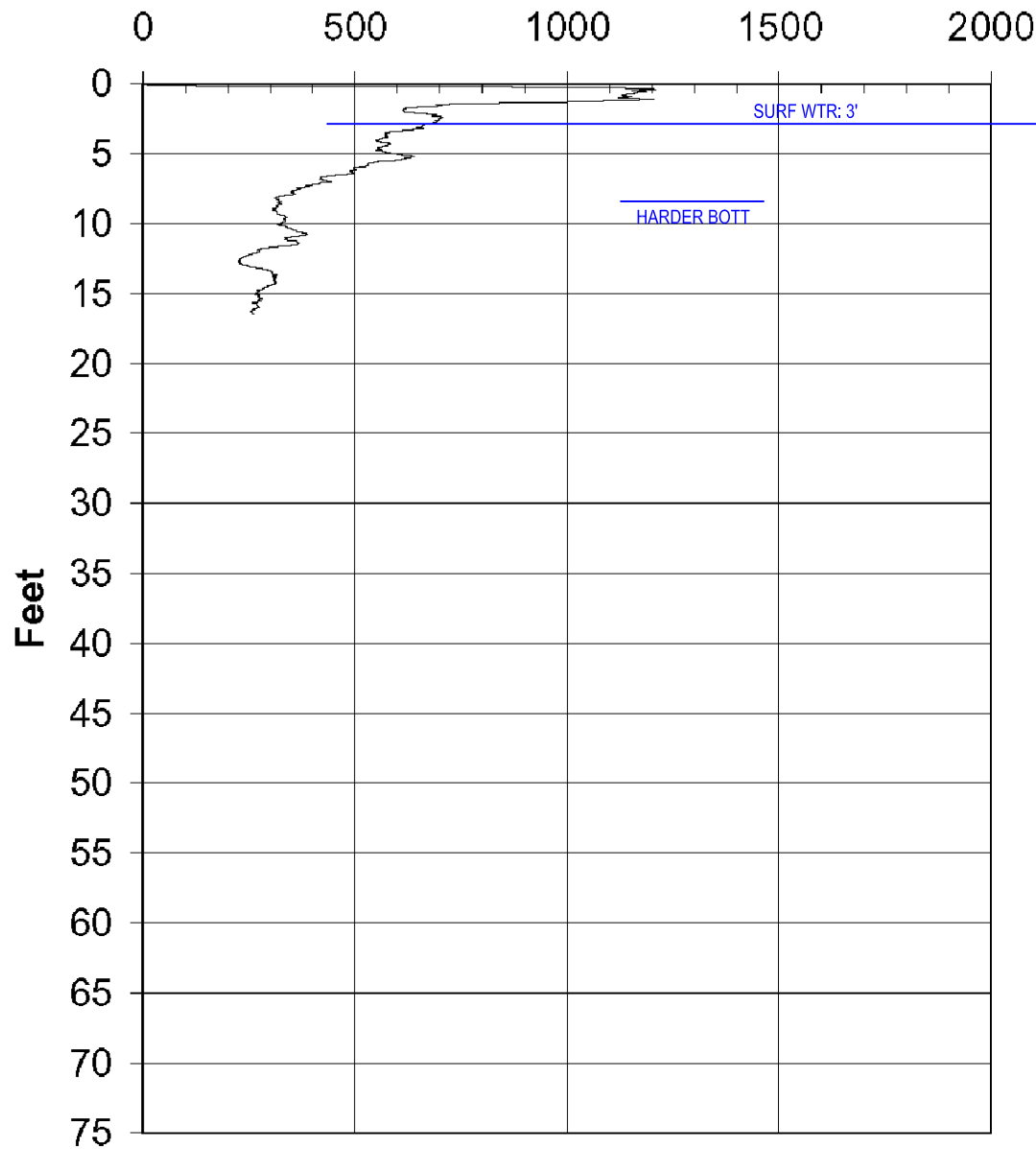
Cond Log: 03AUG06
CORE: VIBRABORE 09AUG06 (log book depth = recovered core interval)

SOIL CONDUCTIVITY PROBE BORING LOG DIAGRAM

Project #	9077-041-0800	Lat/Log (Datum):	N29-43-59.8 W92-22-04.8 (WGS 84)
Cond Log Date	8/3/06	TEMP WELL DATA	Riser Stickup: NA
Core Sample Date	8/9/06	TD (BTOC): NA	Screened Interval (BTOC): NA

White Lake B10

Conductivity mS/m



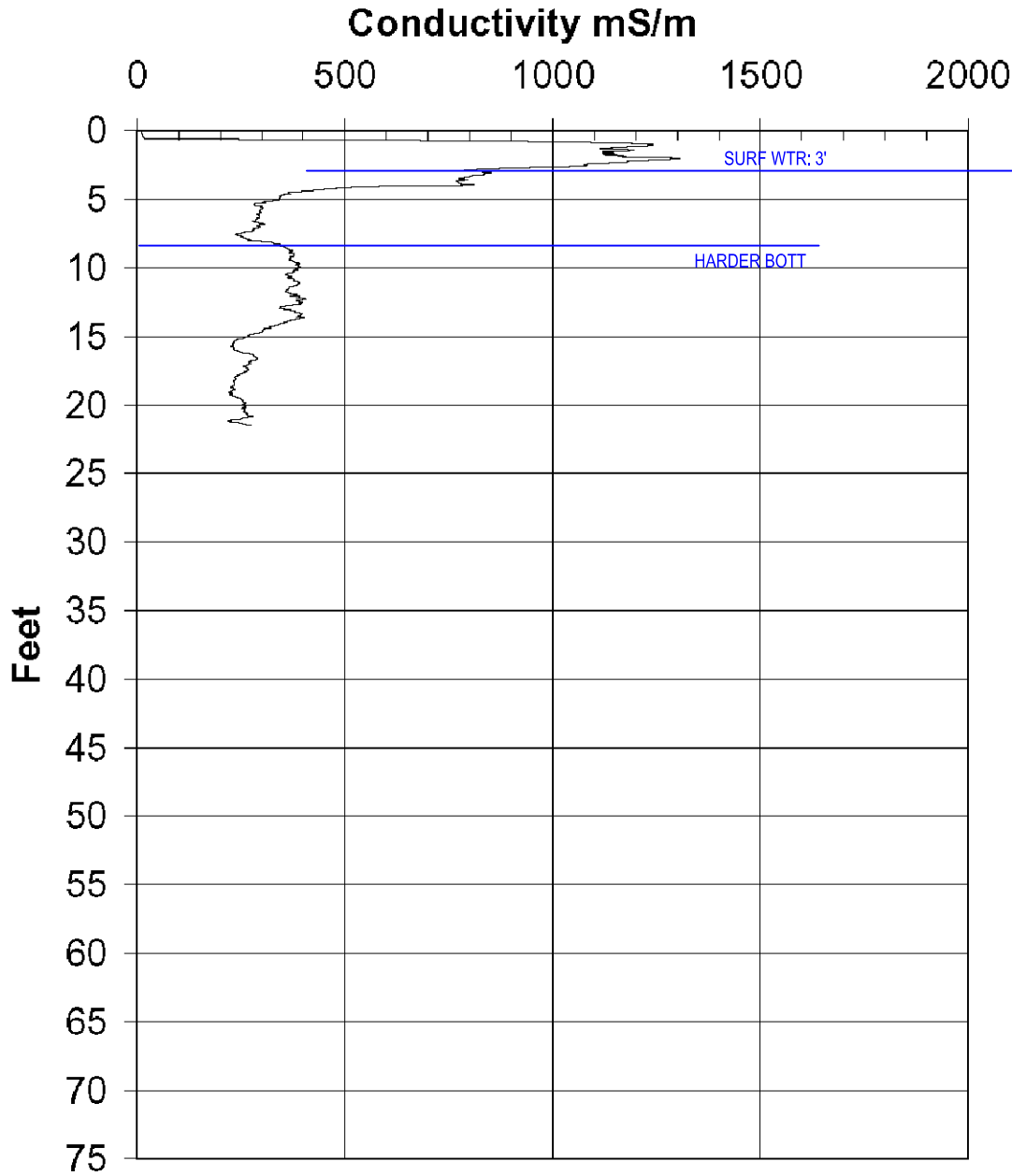
B-10
Schematic
Vermilion Parish School Board, White Lake

Interpreted Lithology	Well Construction	EC (mmhos/cm)	TPH-D (ppm)	TPH-O (ppm)	PID (ppm)	Moisture %	Core Recovery	
								Surface Wtr
					0.3			Dk gray, organic CLAY
		7.34	NA	NA	0.2	70.2		Blk PEAT w/ some organic CLAY
		8.07	ND	ND	0.2	46.5		Gray CLAY w/ grass & organic CLAY lenses
					0.2			Blk PEAT
NO WELL INSTALLED								

SOIL CONDUCTIVITY PROBE BORING LOG DIAGRAM

Project #	9077-041-0800	Lat/Log (Datum):	N29-43-53.6 W92-22-09.7 (WGS 84)
Cond Log Date	8/3/06	TEMP WELL DATA	Riser Stickup: NA
Core Sample Date	8/9/06	TD (BTOC): NA	Screened Interval (BTOC): NA

White Lake B11



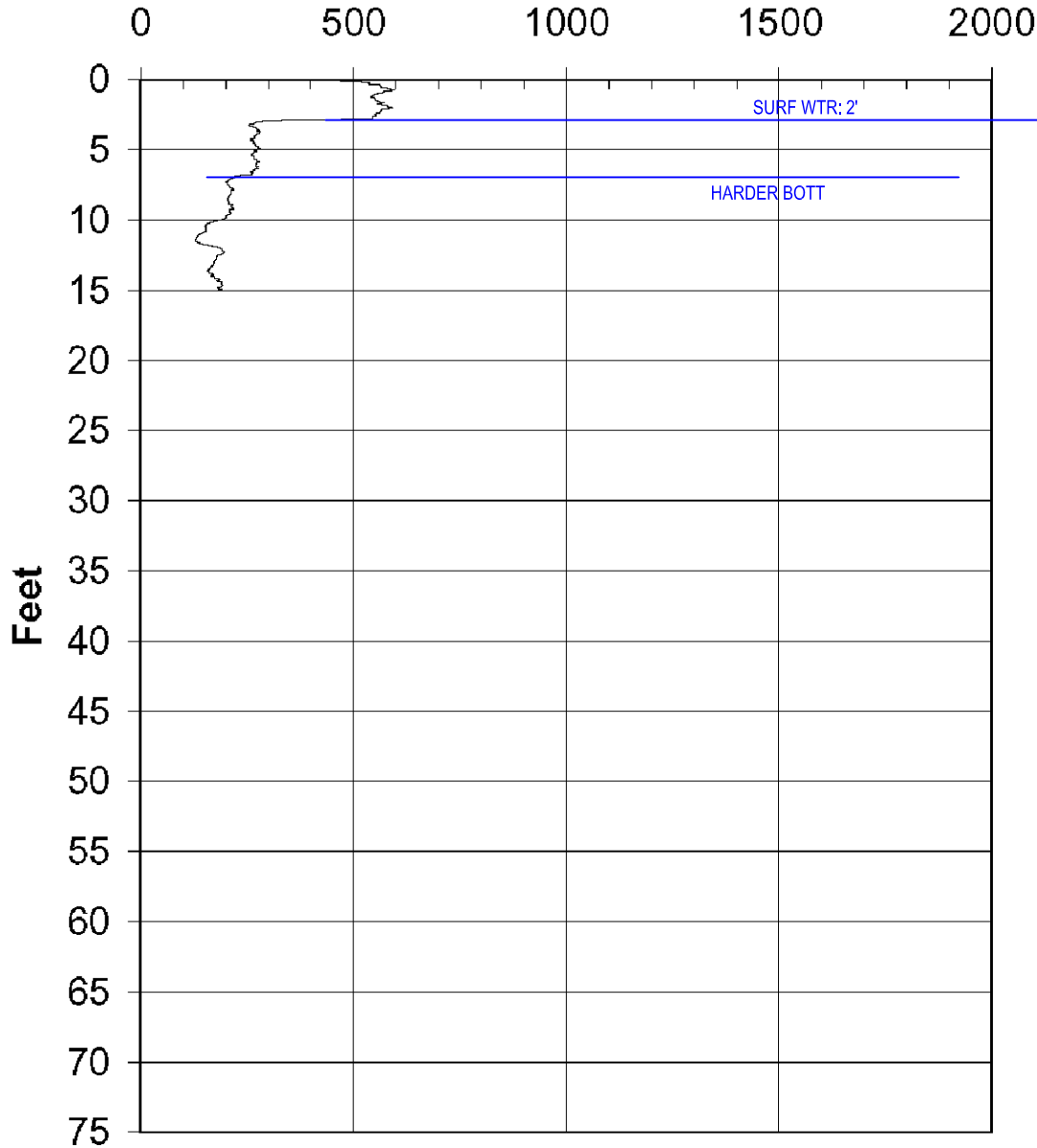
B-11
Schematic
Vermilion Parish School Board, White Lake

Interpreted Lithology	Well Construction	EC (mmhos/cm)	TPH-D (ppm)	TPH-O (ppm)	PID (ppm)	Pkt Pen (t/sq ft)	Core Recovery	
								No VibraCore Samples Collected.
								0
								2
								4
								6
								8
								10
								12
								14
								16
								18
								20
								22
								24
								26
								28
								30
								32
								34
								36
								38
								40
								42
								44
								46
								48
								50

SOIL CONDUCTIVITY PROBE BORING LOG DIAGRAM			
Project #	9077-041-0800	Lat/Log (Datum):	N29-43-43.8 W92-22-19.0 (WGS 84)
Cond Log Date	8/3/06	TEMP WELL DATA	Riser Stickup: NA
Core Sample Date		TD (BGS):	12' Screened Interval (BGS): 2-12'

White Lake B12

Conductivity mS/m



B-12
Schematic
Vermilion Parish School Board, White Lake

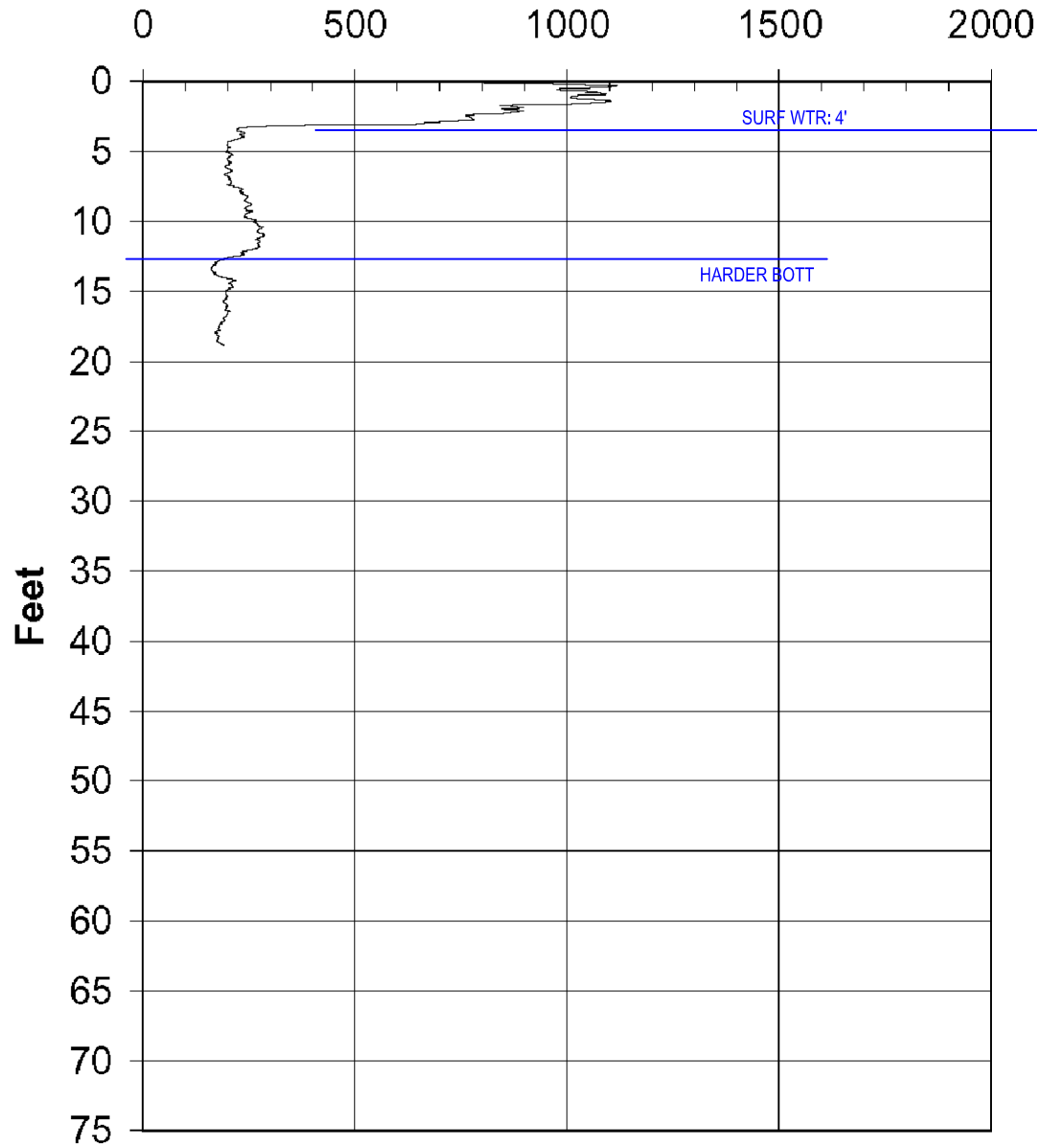
Interpreted Lithology	Well Construction	EC (mmhos/cm)	TPH-D (ppm)	TPH-O (ppm)	PID (ppm)	Moisture %	Core Recovery
							Surface Water
		11.4	ND	ND	3.8	76.8	SEDIMENT, dk brn w/grass
					2.6		PEAT, w/ Organic CLAY, dk brn
		8.33	ND	ND	2.0	49.6	CLAY, gry, with Organics, and grass
					0.7		PEAT with Organic CLAY, dk brn
		6.55	ND	ND	2.3	24.2	CLAY, gry / CLAY, lt gry-blue at bottom
	NO WELL INSTALLED						

SOIL CONDUCTIVITY PROBE BORING LOG DIAGRAM

Project #	9077-041-0800	Lat/Log (Datum):	N29-43-56.2 W92-22-25.7 (WGS 84)
Cond Log Date	8/3/06	TEMP WELL DATA	Riser Stickup: NA
Core Sample Date	8/10/06	TD (BGS):	13' Screened Interval (BGS): 3-13'

White Lake B13

Conductivity mS/m



B-13
Schematic
Vermilion Parish School Board, White Lake

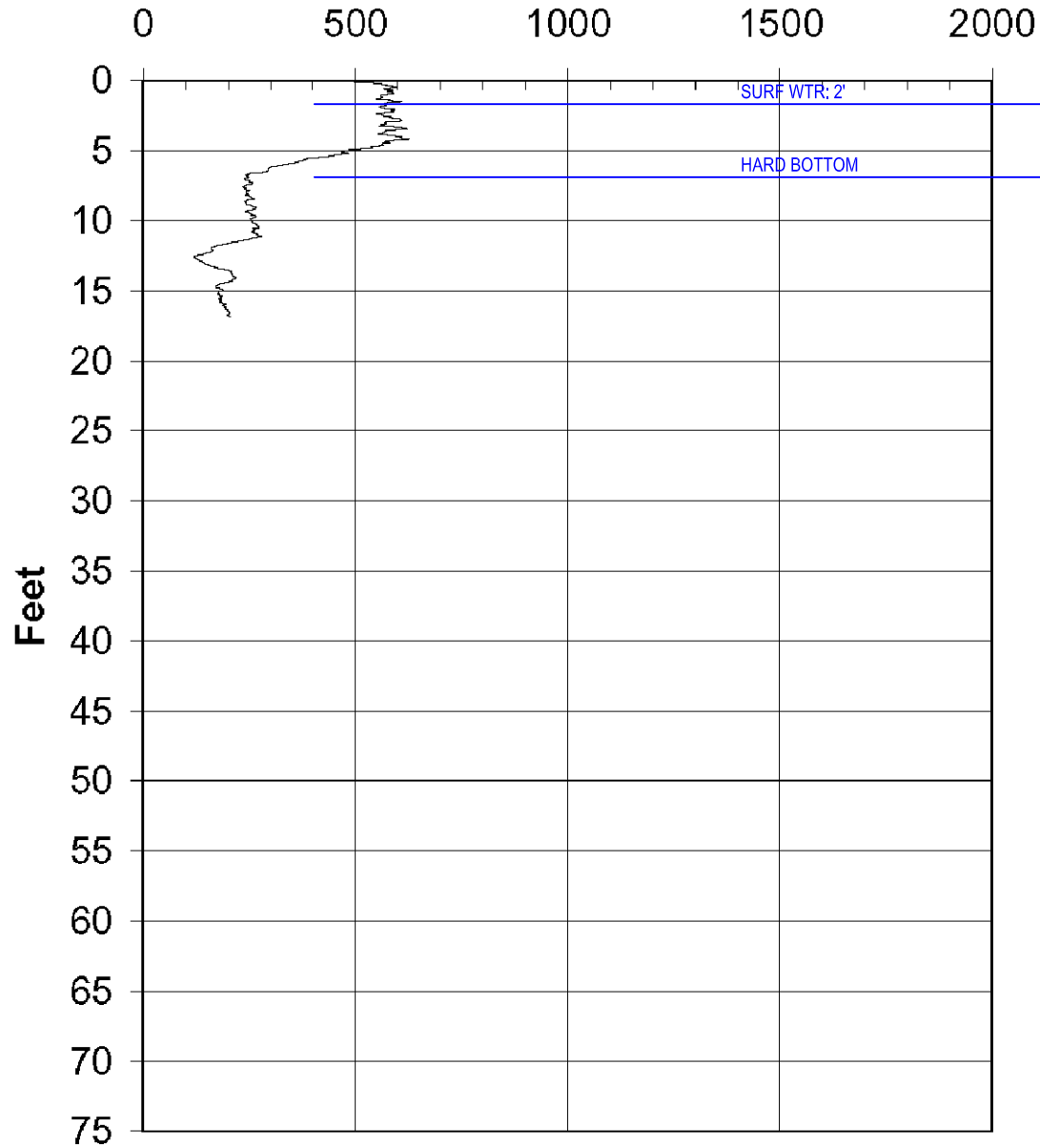
Interpreted Lithology	Well Construction	EC (mmhos/cm)	TPH-D (ppm)	TPH-O (ppm)	PID (ppm)	Moisture %	Core Recovery
							Surface Water
					0.4		PEAT, some Organic CLAY, dk brn
		8.2	ND	ND	0.8	52.7	CLAY, vsoft with lenses of Organic Matter, gry
					0.8		PEAT and Organic CLAY, dk brn
		5.22	ND	ND	0.2	30.5	CLAY dk gry / CLAY lt gry-blue at bottom
	NO WELL INSTALLED						

SOIL CONDUCTIVITY PROBE BORING LOG DIAGRAM

Project #	9077-041-0800	Lat/Log (Datum):	N29-43-42.3 W92-22-29.8 (WGS 84)
Cond Log Date	8/4/06	TEMP WELL DATA	Riser Stickup: NA
Core Sample Date	8/10/06	TD (BGS):	13' Screened Interval (BGS): 3-13'

White Lake B14

Conductivity mS/m



B-14
Schematic
Vermilion Parish School Board, White Lake

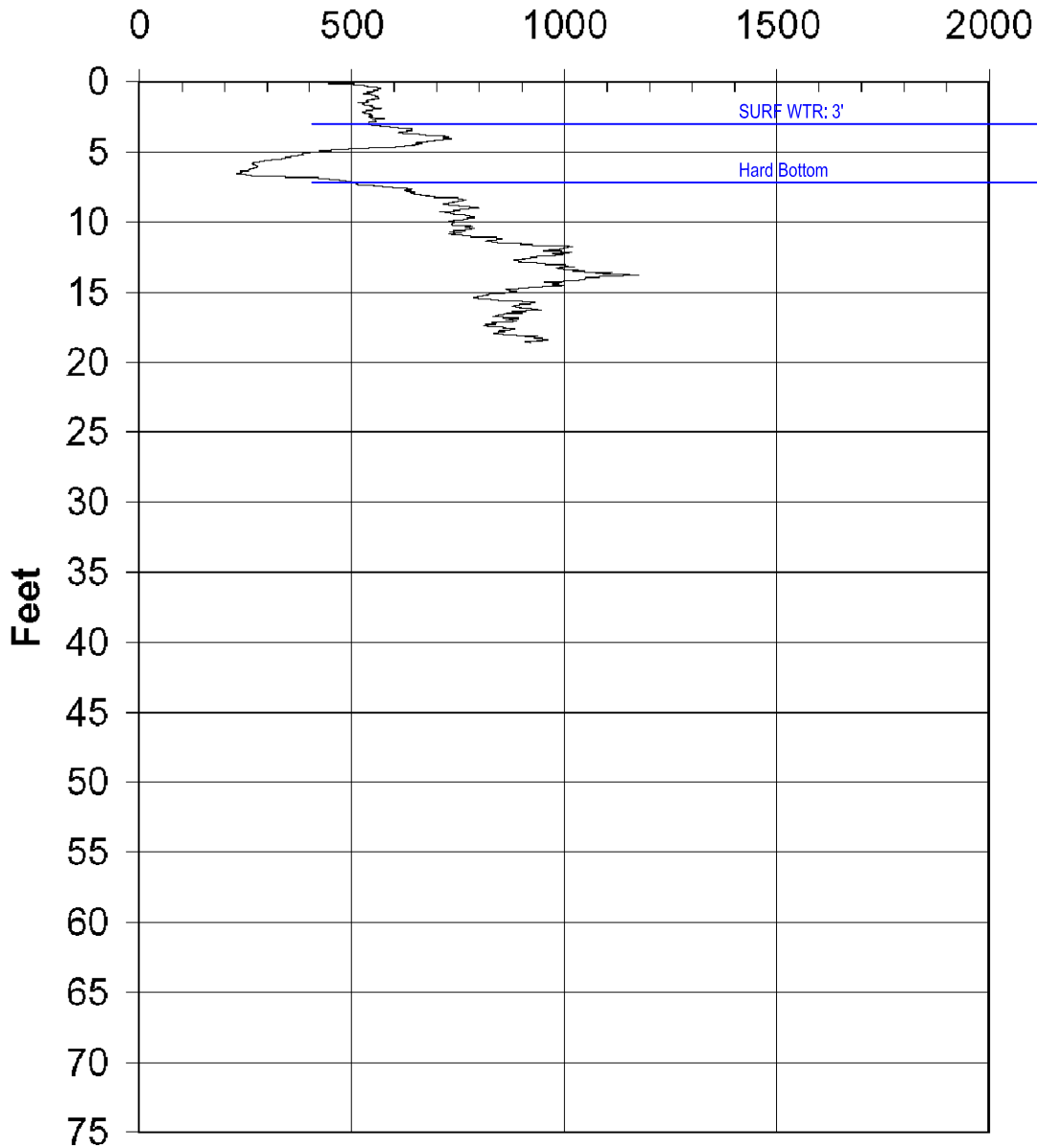
Interpreted Lithology	Well Construction	EC (mmhos/cm)	TPH-D (ppm)	TPH-O (ppm)	PID (ppm)	Moisture %	Core Recovery
							Surface Water
NO WELL INSTALLED		6.79	12.4	ND	1.8	50.2	SEDIMENT, dk brn-gry, saturated
					0.2		PEAT and Organic CLAY, dk brn
		5.10	ND	ND	0.2	50.6	CLAY, gry, with Organic Matter
					0.5		PEAT, little Organic CLAY, dk brown

SOIL CONDUCTIVITY PROBE BORING LOG DIAGRAM

Project #	9077-041-0800	Lat/Log (Datum):	N29-43148.5.3 W92-22-12.0 (WGS 84)
Cond Log Date	8/4/06	TEMP WELL DATA	Riser Stickup: NA
Core Sample Date	8/10/06	TD (BGS):	19' Screened Interval (BGS): 4-14'

White Lake B15

Conductivity mS/m



B-15
Schematic
Vermilion Parish School Board, White Lake

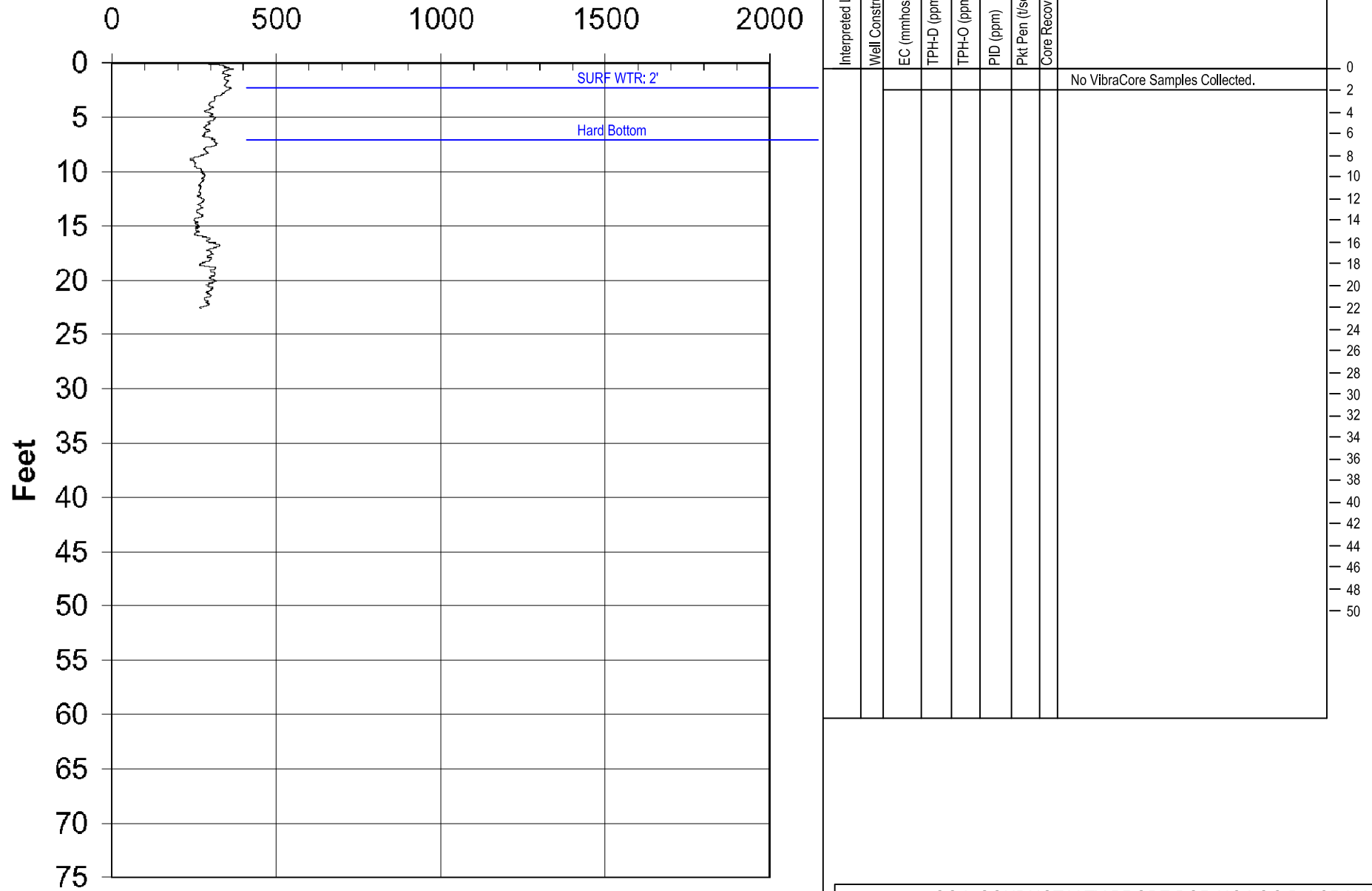
Interpreted Lithology	Well Construction	EC (mmhos/cm)	TPH-D (ppm)	TPH-O (ppm)	PID (ppm)	Moisture %	Core Recovery		
								Surface Water	0
					0.5			PEAT, dk brn	2
									4
		6.2	ND	ND	0.6	58.1		CLAY, v soft, gry w/PEAT lens	6
					0.6			PEAT, dk brn	8
		21.1	ND	ND	0.1	48.1		CLAY, dk gry / CLAY lt gry-blue at bott	10
									12
									14
									16
									18
									20
									22
									24
									26
									28
									30
									32
									34
									36
									38
									40
									42
									44
									46
									48
									50

SOIL CONDUCTIVITY PROBE BORING LOG DIAGRAM

Project #	9077-041-0800	Lat/Log (Datum):	N29-43-52.6 W92-22-02.0 (WGS 84)
Cond Log Date	8/4/06	TEMP WELL DATA	Riser Stickup: NA
Core Sample Date	8/10/06	TD (BTOC): NA	Screened Interval (BTOC): NA

White Lake B16

Conductivity mS/m



B-16
Schematic
Vermilion Parish School Board, White Lake

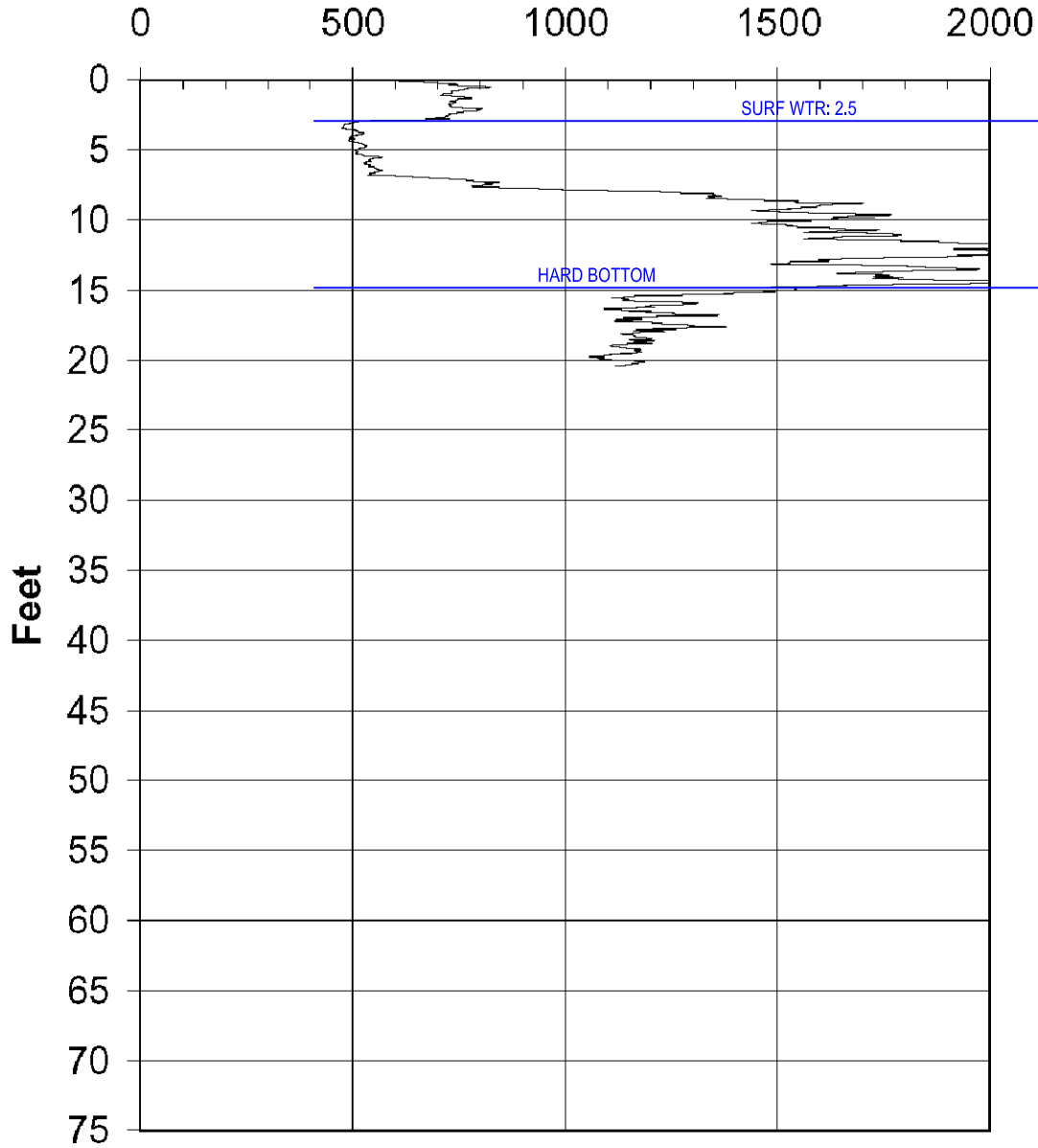
No VibraCore Samples Collected.

SOIL CONDUCTIVITY PROBE BORING LOG DIAGRAM

Project #	9077-041-0800	Lat/Log (Datum):	N29-43-15.2 W92-22-03.4 (WGS 84)
Cond Log Date	8/4/06	TEMP WELL DATA	Riser Stickup: NA
Core Sample Date		TD (BGS):	20' Screened Interval (BGS): 10-20'

White Lake B17

Conductivity mS/m



B-17
Schematic
Vermilion Parish School Board, White Lake

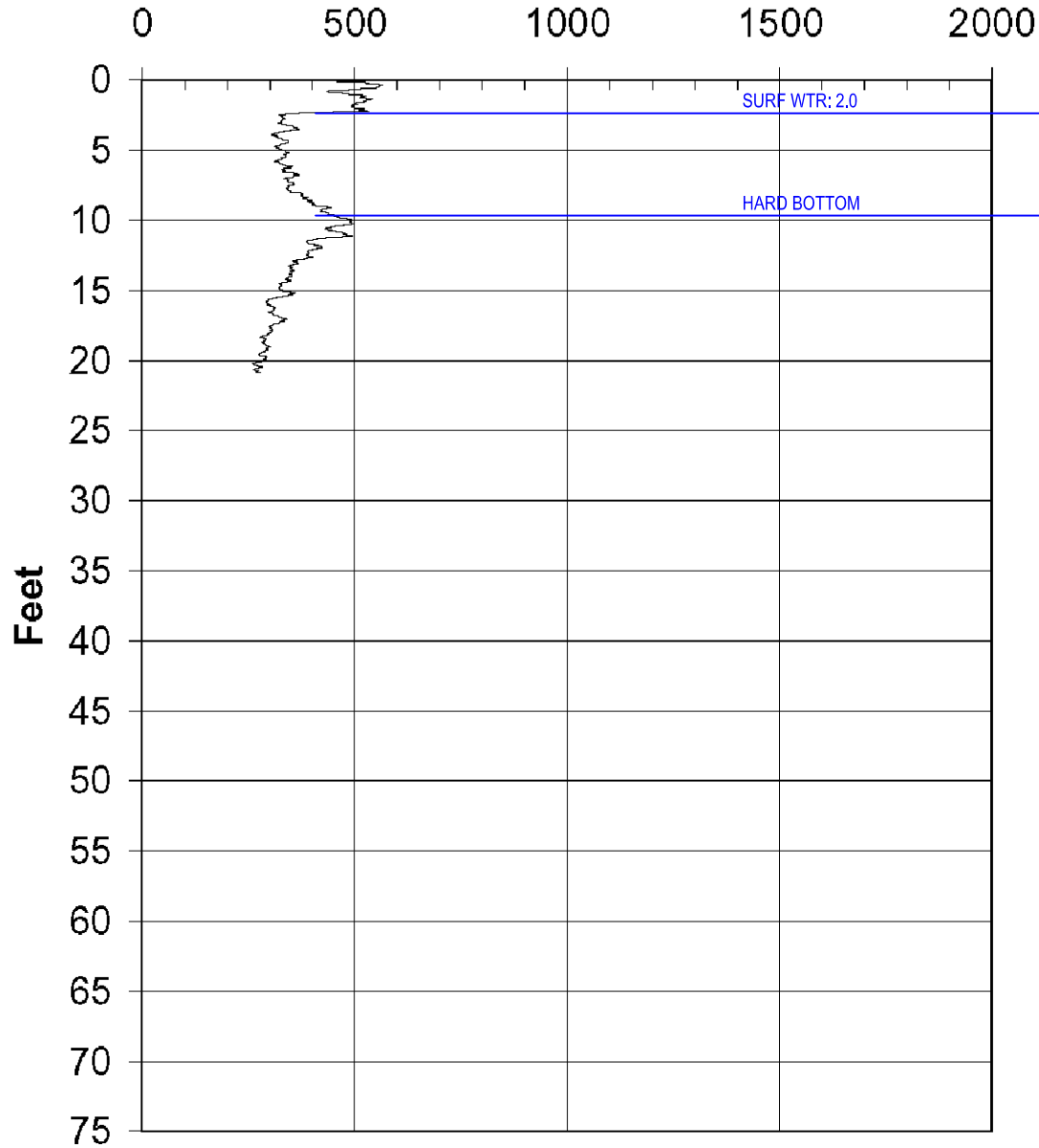
Interpreted Lithology	Well Construction	EC (mmhos/cm)	TPH-D (ppm)	TPH-O (ppm)	PID (ppm)	Moisture %	Core Recovery	
								0
								2
								4
								6
								8
								10
								12
								14
								16
								18
								20
								22
								24
								26
								28
								30
								32
								34
								36
								38
								40
								42
								44
								46
								48
								50

SOIL CONDUCTIVITY PROBE BORING LOG DIAGRAM

Project #	9077-041-0800	Lat/Log (Datum):	N29-44-00.7 W92-21-33.4 (WGS 84)
Cond Log Date	8/4/06	TEMP WELL DATA	Riser Stckup: NA
Core Sample Date	8/10/06	TD (BTOC): NA	Screened Interval (BTOC): NA

White Lake B18

Conductivity mS/m



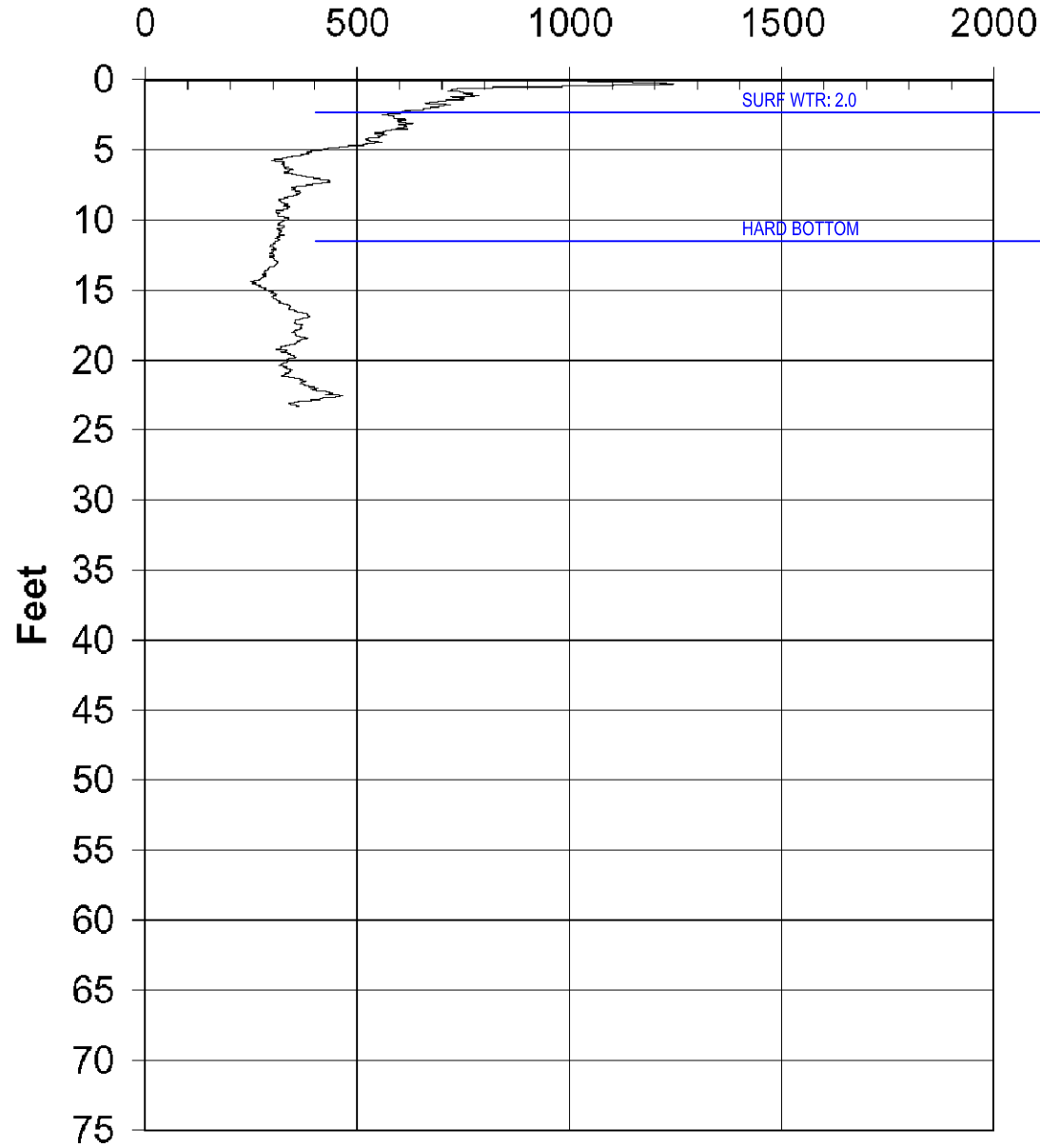
B-18
Schematic
Vermilion Parish School Board, White Lake

Interpreted Lithology	Well Construction	EC (mmhos/cm)	TPH-D (ppm)	TPH-O (ppm)	PID (ppm)	Moisture %	Core Recovery	
								0
								2
					0.5			4
		11.6	ND	ND	1.1	53.5		6
		8.1	ND	ND	0.8	57.3		8
					1.0			10
		12.9	NA	NA	0.6	46.2		12
		7.39	ND	ND	0.4	56.7		14
								16
								18
								20
								22
								24
								26
								28
								30
								32
								34
								36
								38
								40
								42
								44
								46
								48
								50

SOIL CONDUCTIVITY PROBE BORING LOG DIAGRAM			
Project #	9077-041-0800	Lat/Log (Datum):	N29-44-05.1 W92-21-41.6 (WGS 84)
Cond Log Date	8/4/06	TEMP WELL DATA	Riser Stickup: NA
Core Sample Date	8/10/06	TD (BGS):	20' Screened Interval (BGS): 10-20'

White Lake B19

Conductivity mS/m

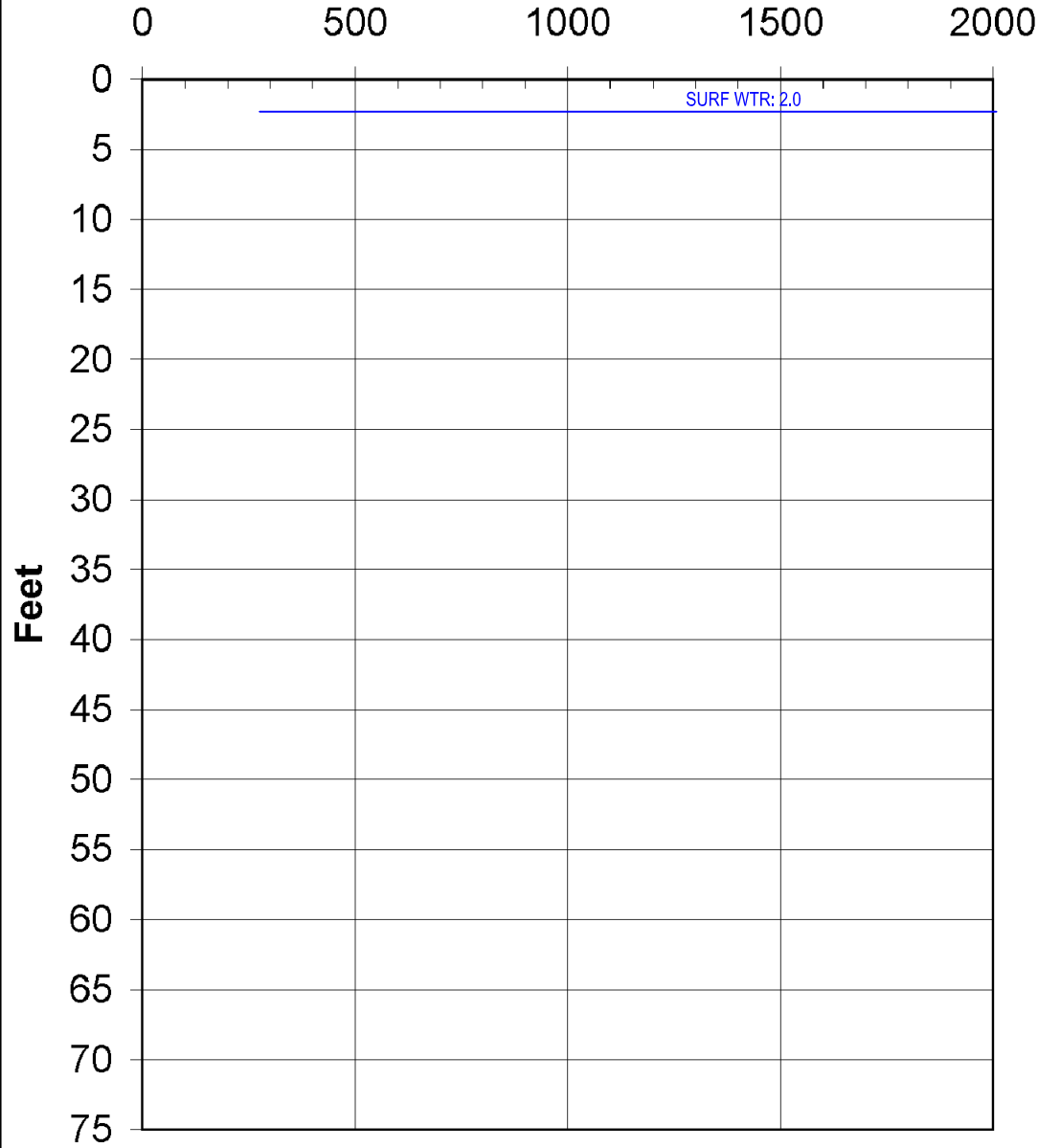


B-19
Schematic
Vermillion Parish School Board, White Lake

Interpreted Lithology	Well Construction	EC (mmhos/cm)	TPH-D (ppm)	TPH-O (ppm)	PID (ppm)	Moisture %	Core Recovery	
NO WELL INSTALLED					0.2			0
								2
		11.4	NA	NA	0.5	87.5		4
		6.8	NA	NA	0.5	83.9		6
		5.67	ND	ND	0.9	82.5		8
		8.28	NA	NA	0.8	53.3		10
								12
								14
								16
								18
								20
								22
								24
								26
								28
								30
								32
								34
								36
								38
								40
								42
								44
								46
								48
								50

SOIL CONDUCTIVITY PROBE BORING LOG DIAGRAM			
Project #	9077-041-0800	Lat/Log (Datum):	N29-44-00.7 W92-21-33.4 (NAD 27)
Cond Log Date	8/4/06	TEMP WELL DATA	Riser Stickup: NA
Core Sample Date	8/10/06	TD (BTOC): NA	Screened Interval (BTOC): NA

White Lake **B20** No Conductivity LOG

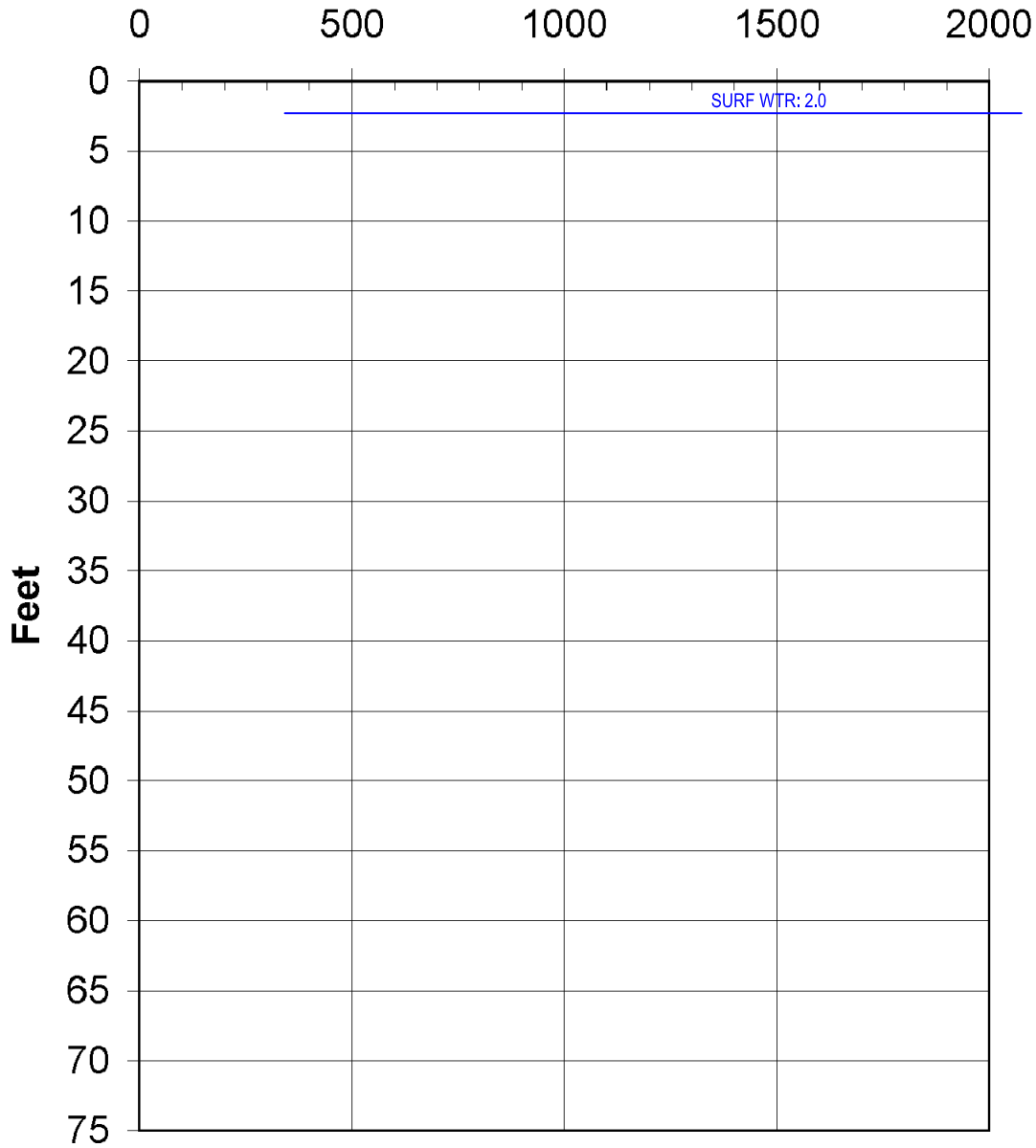


B-20
Schematic
Vermilion Parish School Board, White Lake

Interpreted Lithology	Well Construction	EC (mmhos/cm)	TPH-D (ppm)	TPH-O (ppm)	PID (ppm)	Moisture %	Core Recovery	
								0
								2
								4
								6
								8
								10
								12
								14
								16
								18
								20
								22
								24
								26
								28
								30
								32
								34
								36
								38
								40
								42
								44
								46
								48
								50

SOIL CONDUCTIVITY PROBE BORING LOG DIAGRAM			
Project #	9077-041-0800	Lat/Log (Datum):	N29-44-00.7 W92-21-33.4 (NAD 27)
Cond Log Date	8/4/06	TEMP WELL DATA	Riser Stickup: NA
Core Sample Date	8/10/06	TD (BTOC): NA	Screened Interval (BTOC): NA

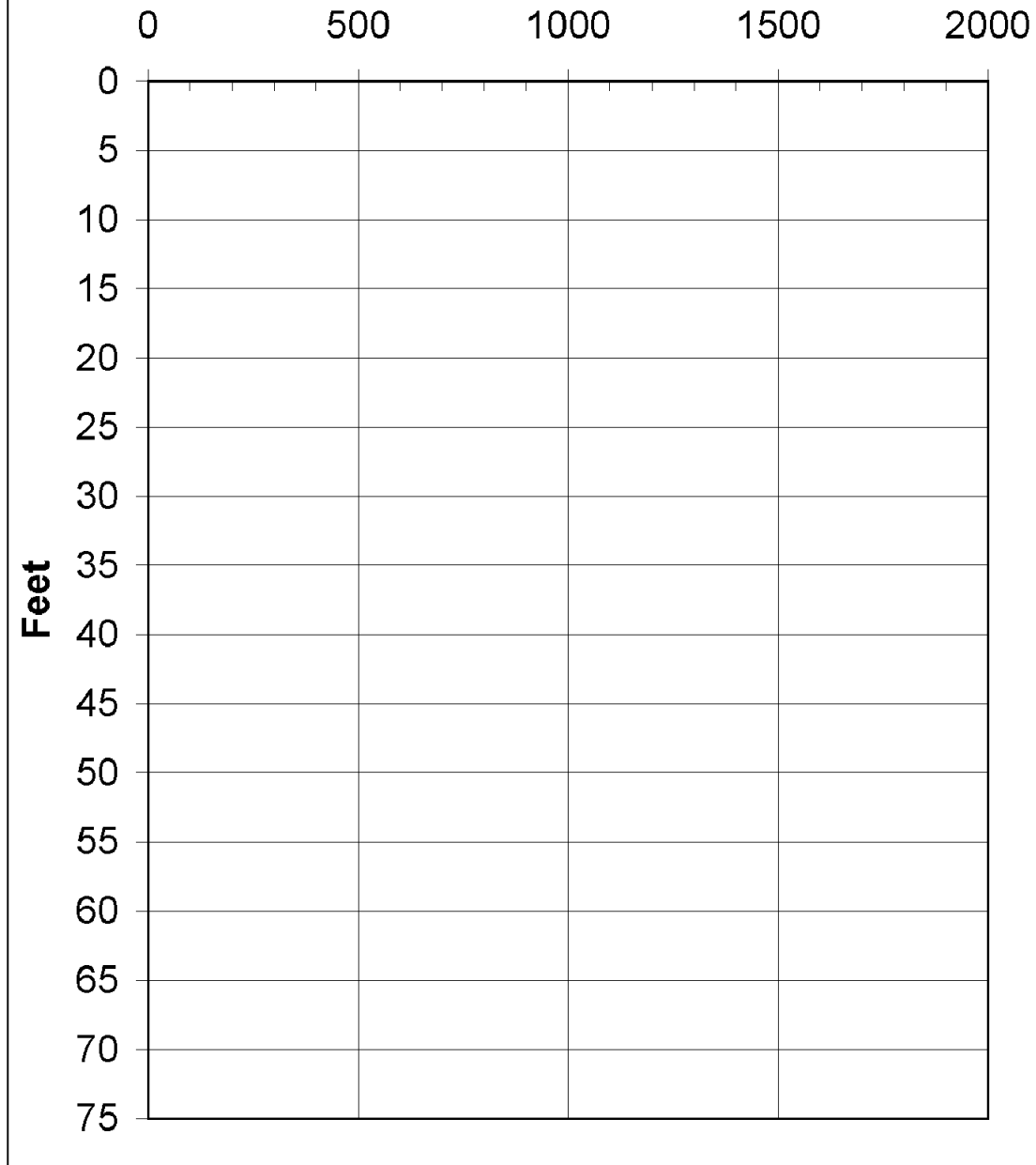
White Lake **B21** No Conductivity LOG



Interpreted Lithology	Well Construction	EC (mmhos/cm)	TPH-D (ppm)	TPH-O (ppm)	PID (ppm)	Pkt Pen (ft/sq ft)	Core Recovery	
								B-21 Schematic Vermilion Parish School Board, White Lake
								Surface Water
		10.7	ND	ND	1.3	76.4		PEAT, gry-dk brn
		5.08	ND	ND	0.6	53.1		CLAY, gry, with grass
					0.5			PEAT, black-dk brn
		1.79	NA	NA	1.1	33.2		CLAY, gray, with grass
NO WELL INSTALLED								

SOIL CONDUCTIVITY PROBE BORING LOG DIAGRAM			
Project #	9077-041-0800	Lat/Log (Datum):	N29-44-00.7 W92-21-33.4 (NAD 27)
Cond Log Date	8/4/06	TEMP WELL DATA	Riser Stickup: NA
Core Sample Date	8/10/06	TD (BTOC): NA	Screened Interval (BTOC): NA

White Lake AB-1 No Conductivity LOG



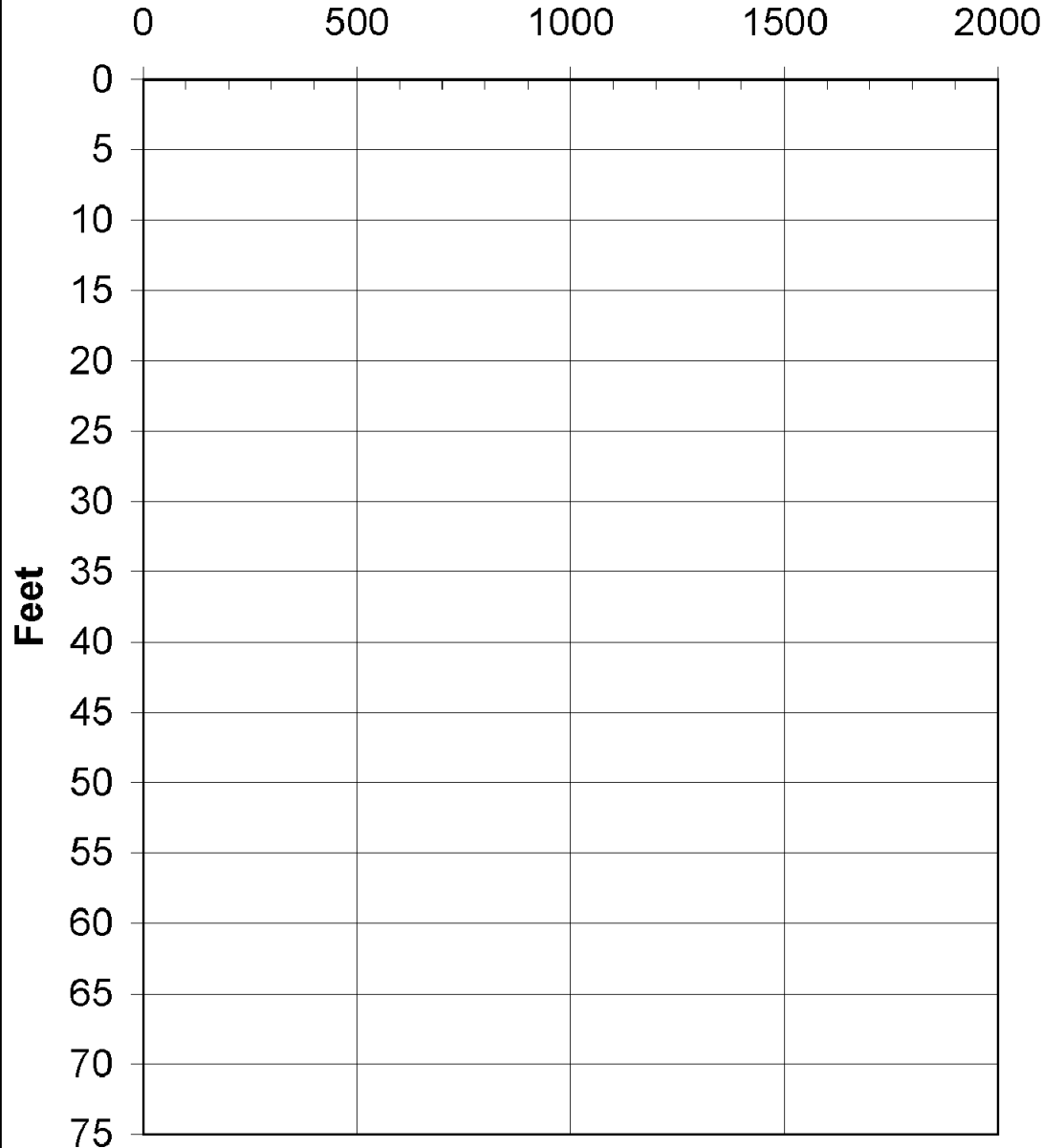
Interpreted Lithology	Well Construction	Chlorides (ppm)	Electric Conductivity (mmhos/cm)	TPH-D (ppm)	TPH-O (ppm)	PID (ppm)	Core Recovery	
		10500	26.8	ND	ND	nm	■	PEAT, Organic matter, dk brn
		9000	20.4	ND	ND	nm	■	
						1.3	■	Organic Sediment, dk brn, some CLAY, soft gry
		2700	7.16	ND	ND	0.8	■	CLAY soft gry with Organic Mat
						2.3	■	CLAY, soft gry to 9' / Organic CLAY, brn
						0.6	■	CLAY, lt blue-gry, stiffer
		480	4.03	ND	ND	0.9	■	PEAT, dk brn to 12.5' / CLAY soft gry
						0.4	■	Organic CLAY and CLAY with Silt pkts, gry
						0.5	■	same with Siderite nods
						0.2	■	CLAY, stiff with siderite nods and lenses
						0.1	■	same to 21' / CLAY with flowing SILT in cracks
		225	1.47			0.3	■	CLAY gry-org to 22.5' / CLAY with flowing SILT
							■	Skipped
						0.1	■	CLAY, gry-orange, Stiff
		115	1.04			0.1	■	CLAY, gry and orange, Stiff
						0.1	■	Silty CLAY and CLAY, gry
		140	0.9			0.6	■	Silty CLAY, gry, dry
						1.3	■	Silty Sandy CLAY, gry, no free moisture
						0.9	■	Silty CLAY and Clayey SILT, gry, no free moist
		170	2.01			0.1	■	Sandy SILT, SILT some CL lens, wet gry
						0.3	■	SAND, fine, gry with little SILT, wet

Collected Soil Samples with 2' splitspoon using a rotary wash rig to 44' bgs.
Set 2" PVC well in a 4" hole to 50'bgs with 0.010 slot screen from 40-50' bgs,
20/40 filter sand to 29' bgs, 3/8" bentonite crumbles to 25' bgs, grout to surface.

SOIL CONDUCTIVITY PROBE BORING LOG DIAGRAM

Project #	9077-041-0800	Lat/Log (Datum):	N29-43-18.6 W92-21-55.8 (WGS 84)
Cond Log Date	NA	TEMP WELL DATA	Riser Stickup: 5'4"
Core Sample Date	10/30/06	TD (BGS):	50' Screened Interval (BGS): 40-50'

White Lake **AB-2** No Conductivity LOG



Interpreted Lithology	Well Construction	Chlorides (ppm)	Electric Conductivity (mmhos/cm)	TPH-D (ppm)	TPH-O (ppm)	PID (ppm)	Core Recovery	
		10000	27.5	ND	ND	nm		PEAT and Organic CLAY, dk brn
		9250	17.3	ND	ND	nm		
		880	15.7	ND	ND	0.9		Silty CLAY v soft w/ organic Matter
						2.1		Silty CLAY, gry with dk brn Organic CLAY
						0.5		Silty CLAY, gry to 9' / Organic CL and PEAT
		960	4.64	ND	ND	0.1		Silty CLAY, PEAT and Organic CLAY
						1.2		SILY CLAY, gry with Organic Matt
		2300	7.18			0.3		PEAT and Silty CLAY, dk brn - gry
						0.6		CLAY, gry-brn
		180	0.579			0.1		
						0.1		CLAY, tan-gry-orange with SILT pkts
		140	0.348			0.4		
						1.0		CLAY, tan-gry-orange with SILT pkts

AB-2
Schematic
Vermilion Parish School Board, White Lake

Collected Soil Samples with 2' splitspoon using a rotary wash rig to 26' bgs.
Set 2" PVC well in a 4" hole to 26'bgs with 0.010 slot screen from 11-21'bgs w/5' sump to 26',
20/40 filter sand to 8.5' bgs, 3/8" bentonite crumbles to 5' bgs, grout to surface.

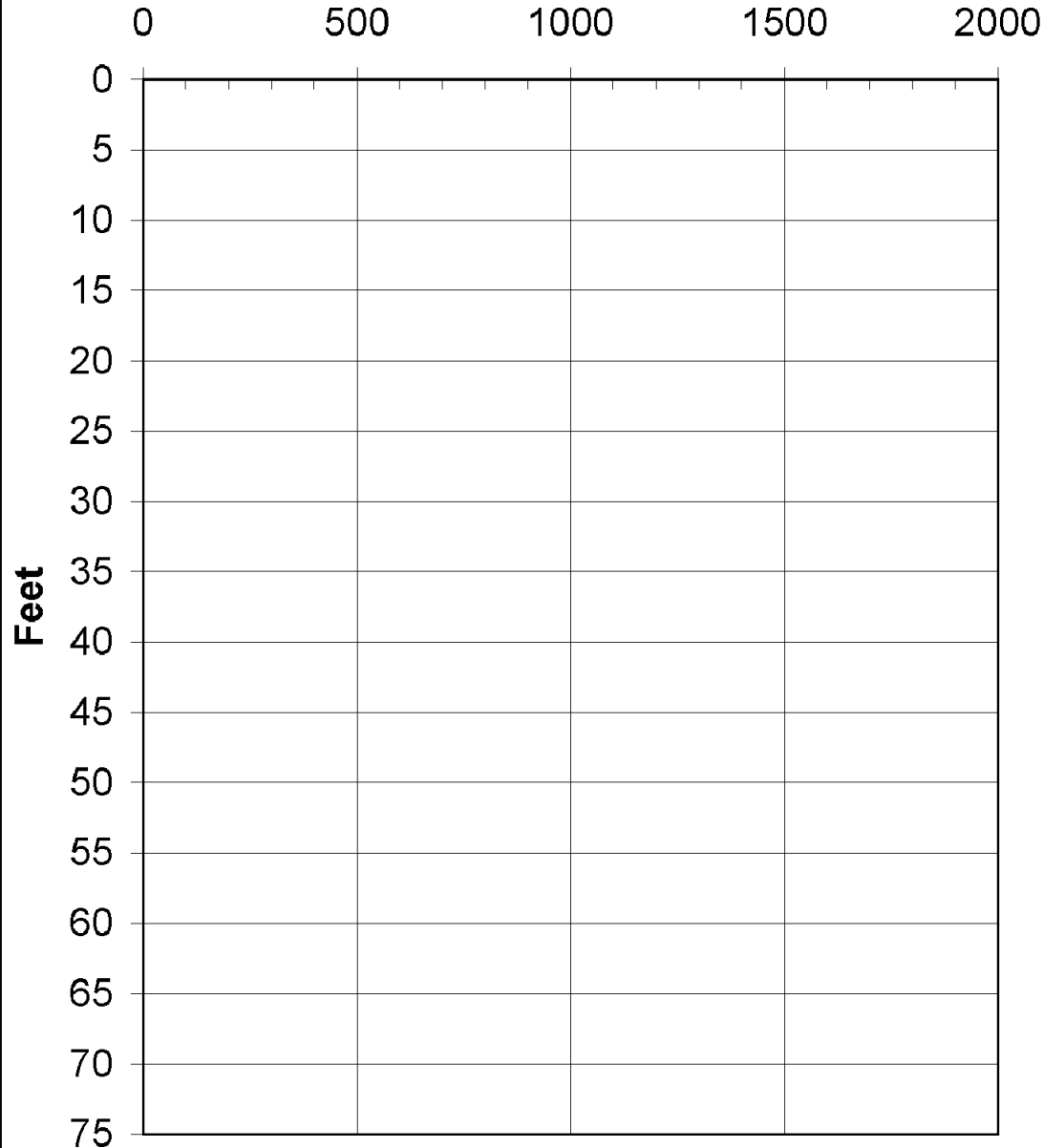
SOIL CONDUCTIVITY PROBE BORING LOG DIAGRAM

Project #	9077-041-0800	Lat/Log (Datum):	N29-43-21.4 W92-21-53.9 (WGS 84)
Cond Log Date	NA	TEMP WELL DATA	Riser Stickup: 49"
Core Sample Date	10/31/06	TD (BGS):	26' Screened Interval (BGS): 11-21'

White Lake

AB-3

No Conductivity LOG



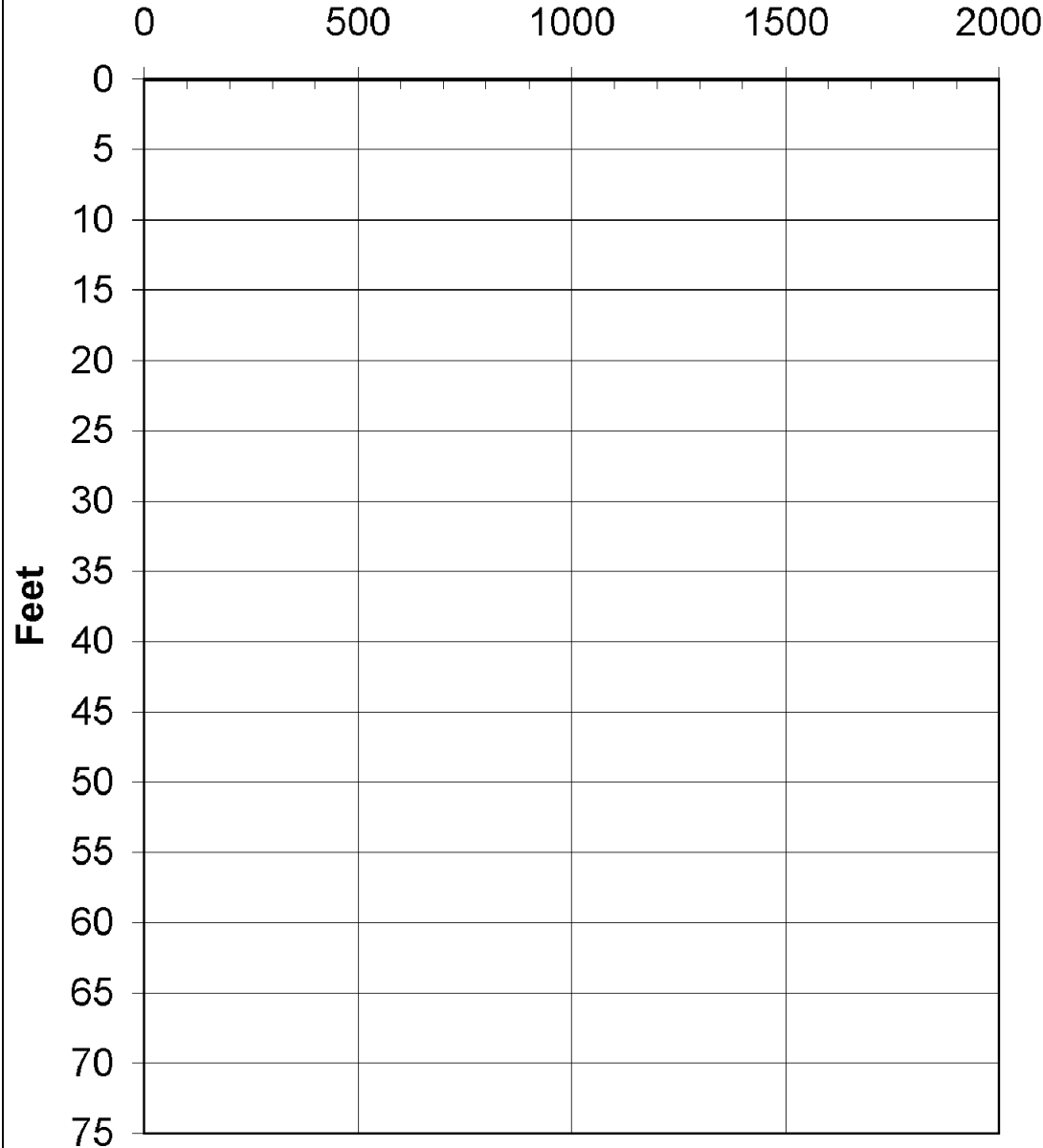
Interpreted Lithology	Well Construction	Chlorides (ppm)	Electric Conductivity (mmhos/cm)	TPH-D (ppm)	TPH-O (ppm)	PID (ppm)	Core Recovery	
		10800	19.9	ND	ND	nm		PEAT, Organics, dk brn, Organic CLAY
		2250	11.2	ND	ND	0.1		Organic Mat, brn, rootlets
		1230	5.72	ND	ND	0.5		Organic CLAY, dk brn / Silty CLAY, gry
						0.2		SILTY CLAY, very soft, gry, with organics
		1530	6.23	ND	ND	0.1		SAA.
						0.1		CLAY, soft gry with PEAT lens
						0.1		Silty CLAY very soft, PEAT, CLAY
		620	3.04			0.1		CLAY, gry with PEAT lens at 15'
						0.1		CLAY and SILTY CLAY, gry dry
		170	0.89			0.1		Silty CLAY, gry with Organic Lenses, wet / CLAY, gry

AB-3
Schematic
Vermillion Parish School Board, White Lake

Collected Soil Samples with 2' splitspoon using a rotary wash rig to 20' bgs.
Set 3/4" PVC well in a 4" hole to 20'bgs with 0.010 slot screen from 10-20'bgs,
20/40 filter sand to 7' bgs, 3/8" bentonite crumbles to 5' bgs, grout to surface.

SOIL CONDUCTIVITY PROBE BORING LOG DIAGRAM			
Project #	9077-041-0800	Lat/Log (Datum):	N29-43-17.7 W92-21-53.3 (WGS 84)
Cond Log Date	NA	TEMP WELL DATA	Riser Stickup: 3.77'
Core Sample Date	10/31/06	TD (BGS):	20' Screened Interval (BGS): 10-20'

White Lake AB-4 No Conductivity LOG



Interpreted Lithology	Well Construction	Chlorides (ppm)	Electric Conductivity (mmhos/cm)	TPH-D (ppm)	TPH-O (ppm)	PID (ppm)	Core Recovery	Description	Depth (ft)
NO WELL INSTALLED		13800	25.6	ND	ND	1.4		PEAT, Organic CLAY, organics, dk bm	0
		2500	8.62	ND	ND	1.4			2
		3650	7.89	ND	ND	1.4		Organic Mat, Silty CLAY, soft gry	4
								Drilled Through.	6
								Drilled Through	8
		2950	7.92	ND	ND	0.5		Silty CLAY, Organic CLAY, PEAT, gry	10
								Drilled Through to 18'.	12
									14
		80	0.855			0.2		CLAY and Silty CLAY, gry, dry	18
						1.1		Silty CLAY and CLAY, tan gry orange	20
					0.6		CLAY, gry-orange with Silt pkts	22	
							Drilled Through	24	
	60	0.421			0.1		CLAY, gry-orange	26	
					0.1		CLAY, gry-orange	28	
							Drilled Through to 36'	30	
								32	
								34	
	160	0.918			0.1		Silty CLAY, tan-gry with Clayey SILT, wet SILT at 37 ft	36	
								38	
								40	
								42	
								44	
								46	
								48	
								50	

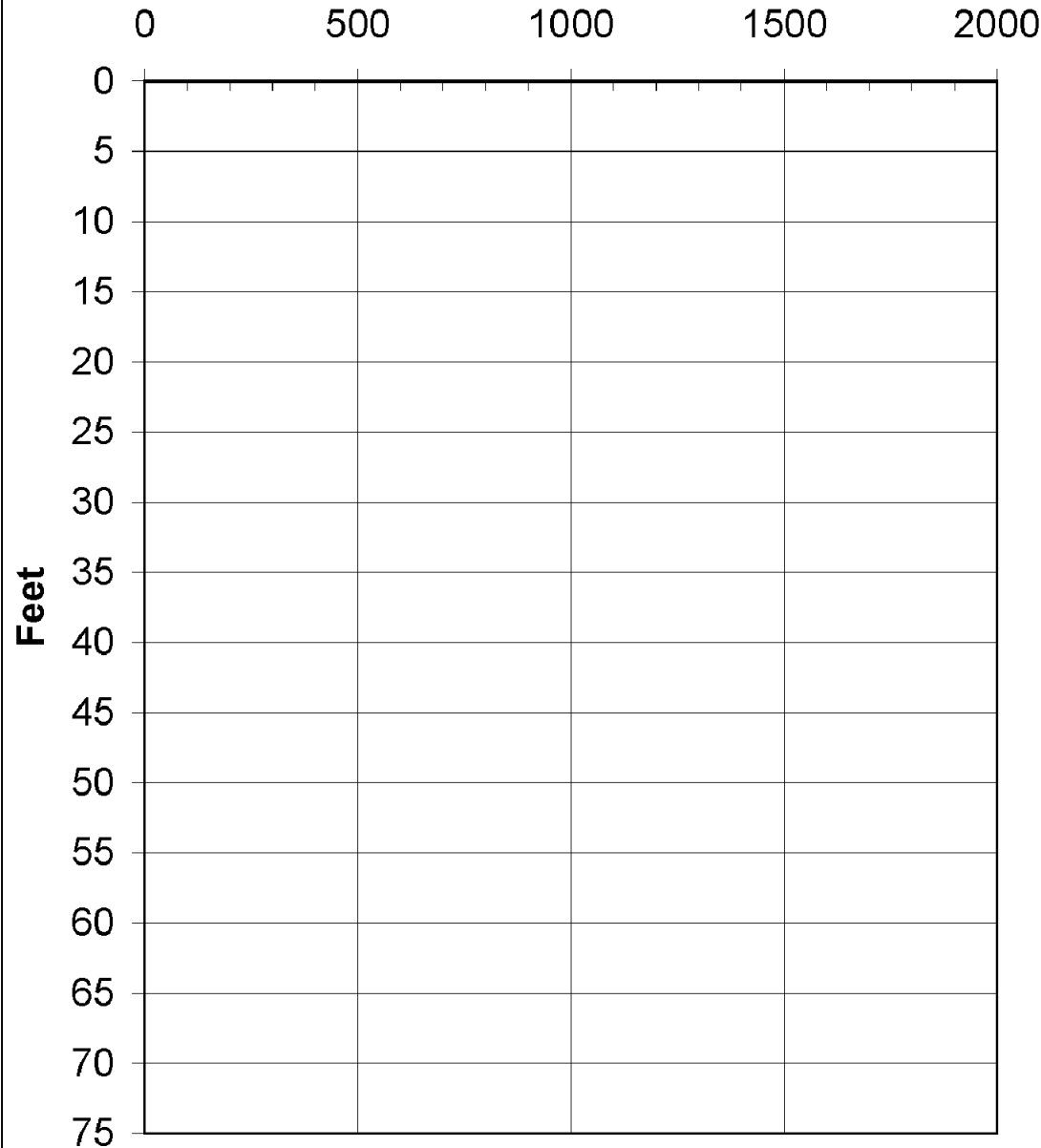
AB-4
Schematic
Vermilion Parish School Board, White Lake

Collected Soil Samples with 2' splitspoon using a rotary wash rig to 38' bgs.
Tremie Grouted Hole after running Century Geophysical Log.

SOIL CONDUCTIVITY PROBE BORING LOG DIAGRAM

Project #	9077-041-0800	Lat/Log (Datum):	N29-43-17.9 W92-21-50.6 (WGS 84)
Cond Log Date	NA	TEMP WELL DATA	Riser Stickup: NA
Core Sample Date	11/1/06	TD (BGS):	NA Screened Interval (BGS): NA

White Lake AB-5 No Conductivity LOG



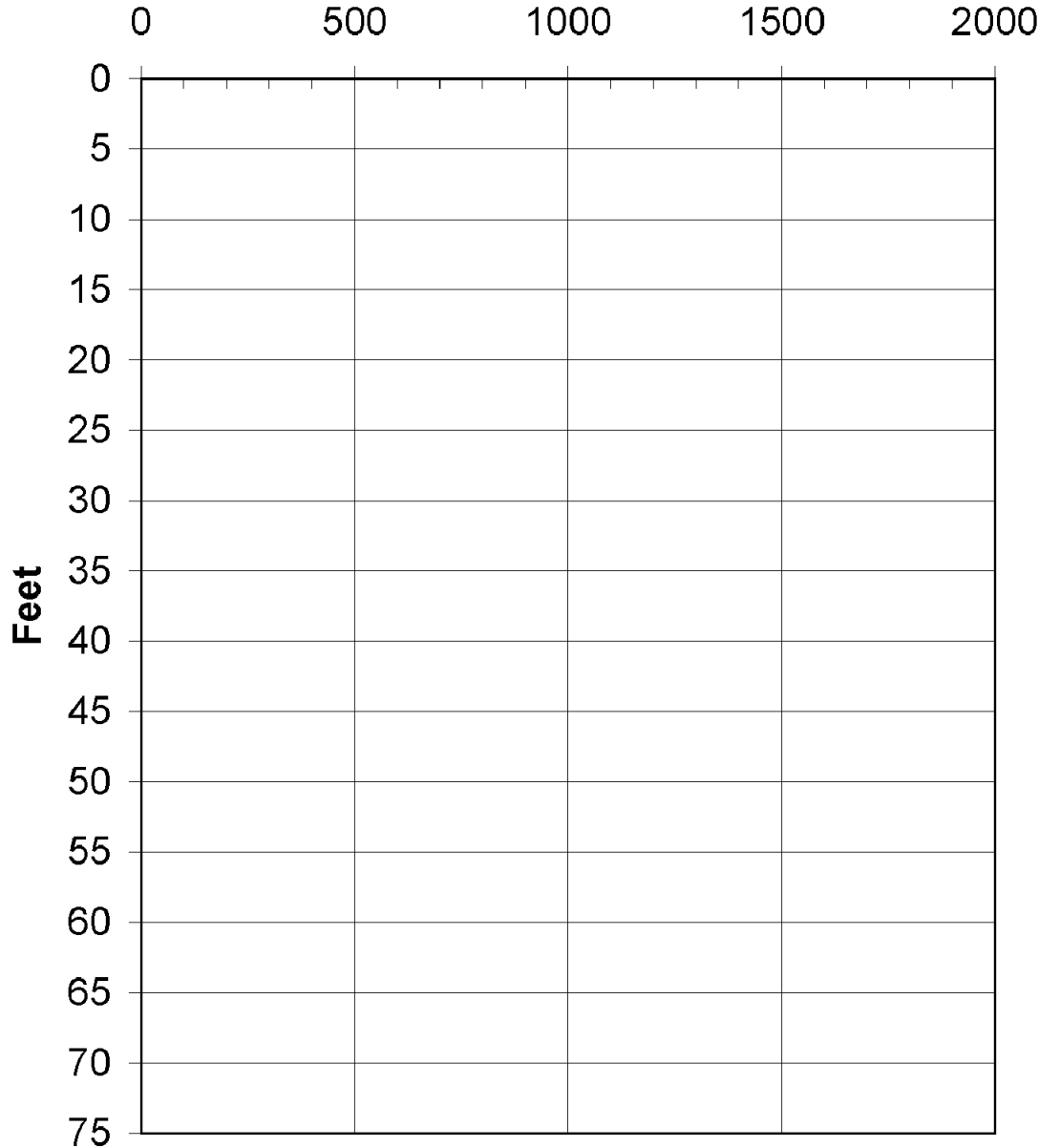
Interpreted Lithology	Well Construction	Chlorides (ppm)	Electric Conductivity (mmhos/cm)	TPH-D (ppm)	TPH-O (ppm)	PID (ppm)	Core Recovery	Description	Depth (ft)
								PEAT, dk brn, rootlets, hydrocarbon odor	0
		4800	15.1	ND	ND	0.3			2
		6700	16.6	746	481	0.3		Organic Mat with Silty CLAY lens, dk brn - gry	4
						1.2		Organic CLAY, dk brn	6
						0.1		Organic CLAY and PEAT, dk brn	8
		1950	6.6	<10	<50	0.6		same to 11' CLAY blue-gry with siderite	10
						0.1		CLAY, blue-gry med stiff	12
		2000	6.08	<10	<50	0.1		same with PEAT lens	14
						0.4		CLAY, blue-gry med stiff	16
		2300	7.01			0.1		CLAY and Silty CLAY, gray and orange	18
									20
									22
									24
									26
									28
									30
									32
									34
									36
									38
									40
									42
									44
									46
									48
									50

AB-5
Schematic
Vermilion Parish School Board, White Lake

Collected Soil Samples with 2' splitspoon using a rotary wash rig to 20' bgs.
Set 3/4" PVC well in a 4" hole to 22'bgs with 0.010 slot screen from 12-22'bgs,
20/40 filter sand to 11' bgs, 3/8" bentonite crumbles to 5' bgs, grout to surface.

SOIL CONDUCTIVITY PROBE BORING LOG DIAGRAM			
Project #	9077-041-0800	Lat/Log (Datum):	N29-44-02.4 W92-22-07.1 (WGS 84)
Cond Log Date	NA	TEMP WELL DATA	Riser Stickup: 9"
Core Sample Date	11/2/06	TD (BGS):	22' Screened Interval (BGS): 12-22'

White Lake AB-6 No Conductivity LOG



Interpreted Lithology	Well Construction	Chlorides (ppm)	Electric Conductivity (mmhos/cm)	TPH-D (ppm)	TPH-O (ppm)	PID (ppm)	Core Recovery	
								0
								2
						0.8		4
						1.2		6
		1150	3.78	<10	<50	0.5		8
						0.1		10
		280	0.843	<10	<50	0.4		12
						0.1		14
		320	1.36			0.1		16
								18
								20
								22
								24
								26
								28
								30
								32
								34
								36
								38
								40
								42
								44
								46
								48
								50

AB-6
Schematic
Vermilion Parish School Board, White Lake

No Recovery

Organic Mat, dk brn

PEAT and Organic CLAY, dk brn

PEAT to 9' / Silty CLAY, v soft, gry

PEAT / CLAY, dry at bott

CLAY, gray and orange, med stiff

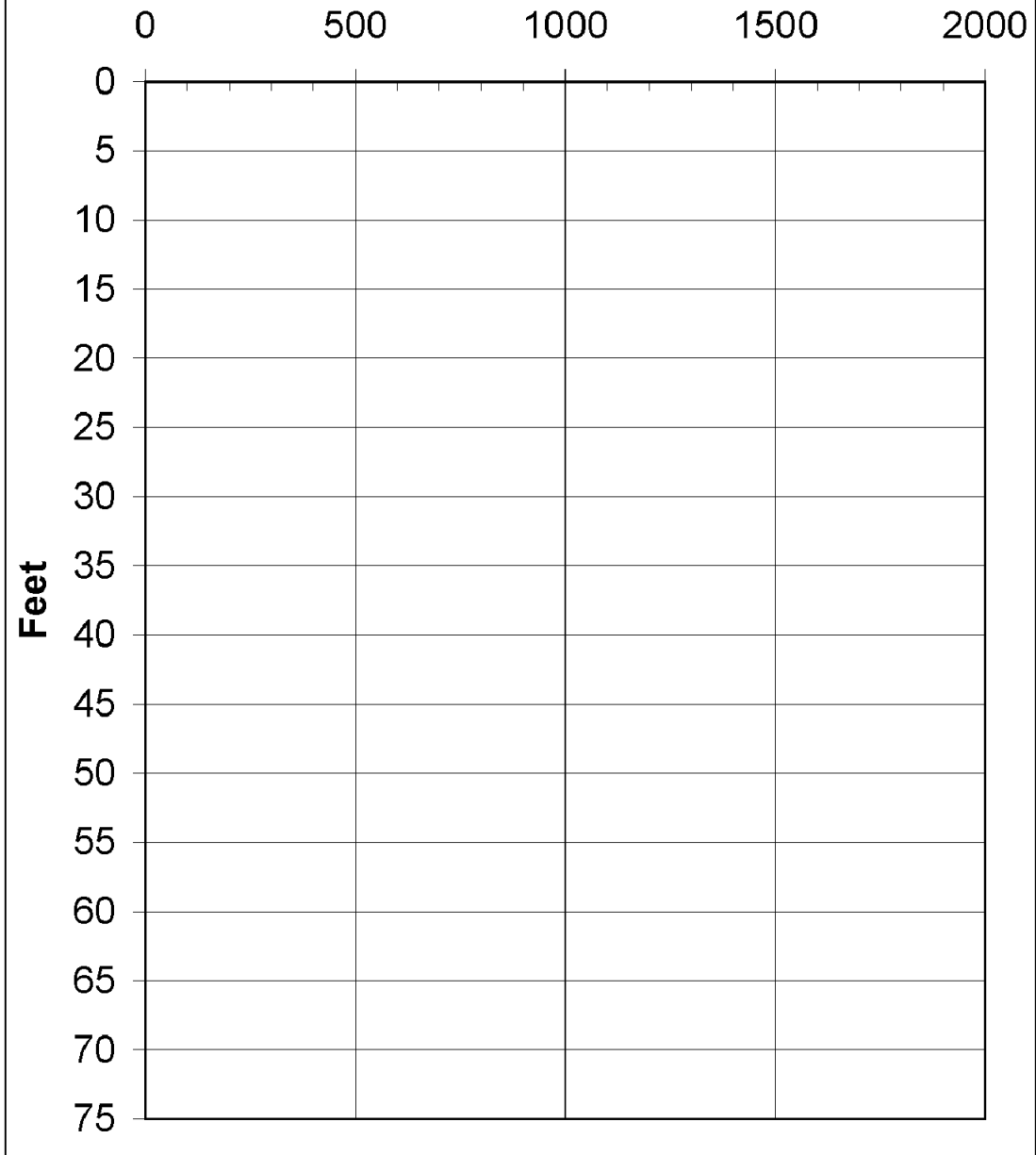
CLAY, gray and orange, med stiff

Collected Soil Samples with 2' splitspoon using a rotary wash rig to 18' bgs.
Set 3/4" PVC well in a 4" hole to 18'bgs with 0.010 slot screen from 8-18'bgs,
20/40 filter sand to 7' bgs, 3/8" bentonite crumbles to 4' bgs, grout to surface.

SOIL CONDUCTIVITY PROBE BORING LOG DIAGRAM

Project #	9077-041-0800	Lat/Log (Datum):	N29-44-03.3 W92-22-09.2 (WGS 84)
Cond Log Date	NA	TEMP WELL DATA	Riser Stickup: NA
Core Sample Date	11/3/06	TD (BGS):	18' Screened Interval (BGS): 8-18'

White Lake AB-7 No Conductivity LOG

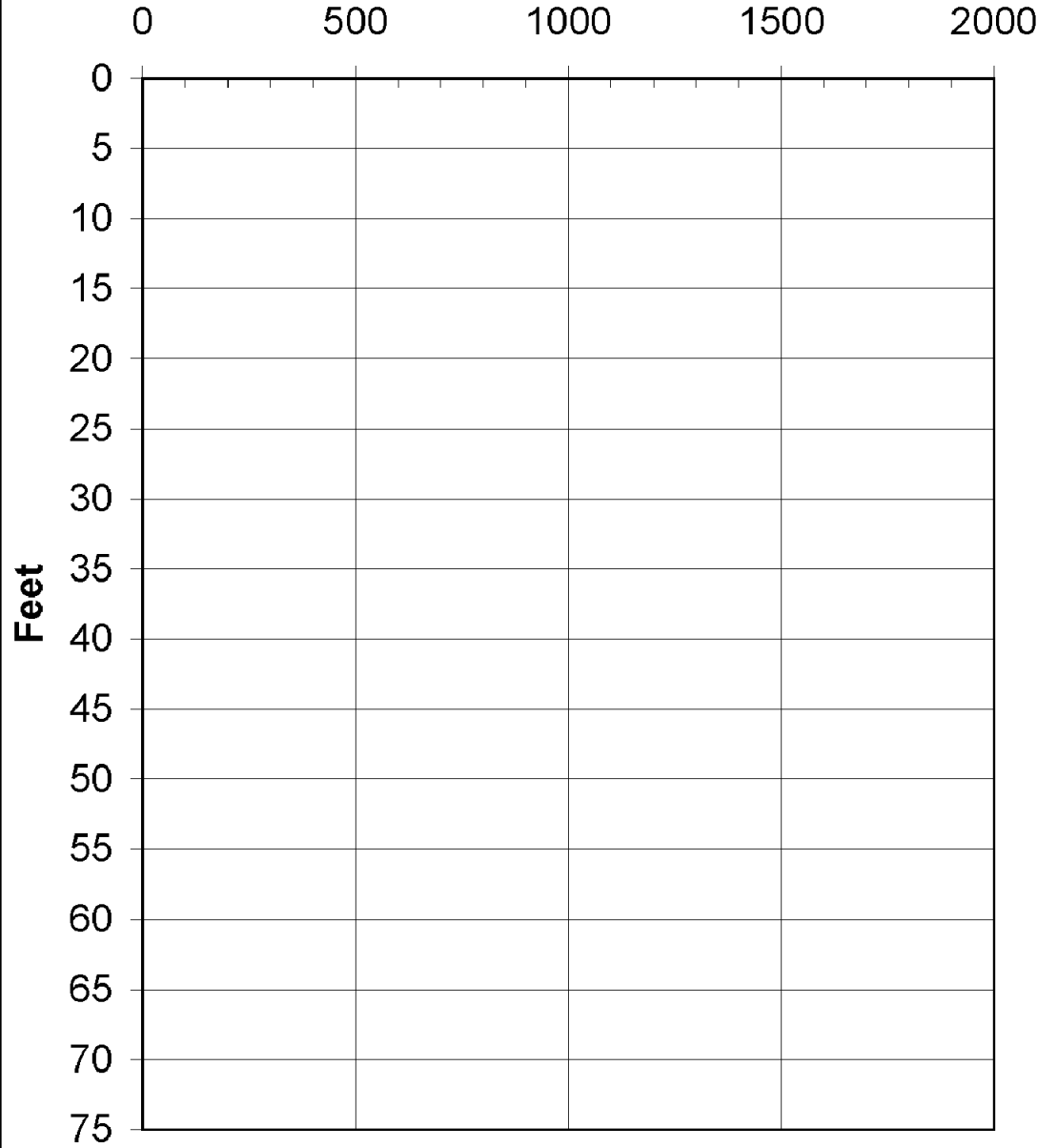


Interpreted Lithology	Well Construction	Chlorides (ppm)	Electric Conductivity (mmhos/cm)	TPH-D (ppm)	TPH-O (ppm)	PID (ppm)	Core Recovery	
								No Recovery
						0.1		No Recovery
		2900	12.4	<10	<50	0.1		Organic CLAY and PEAT, brown
						0.4		Organic CLAY and PEAT, brown
		540	3.19	<10	<50	0.2		PEAT and Org CLAY to 11.7' / Silty CLAY, soft
						0.1		Silty CLAY and CLAY, blue-gry, med-stiff
		320	2.33			0.1		
		420	2.92			0.1		Silty CLAY and CLAY, blue-gry, med-stiff

Collected Soil Samples with 2' splitspoon using a rotary wash rig to 20' bgs.
Set 3/4" PVC well in a 4" hole to 20'bgs with 0.010 slot screen from 10-20'bgs,
20/40 filter sand to 8' bgs, 3/8" bentonite crumbles to 5' bgs, grout to surface.

SOIL CONDUCTIVITY PROBE BORING LOG DIAGRAM			
Project #	9077-041-0800	Lat/Log (Datum):	N29-44-02.2 W92-22-08.3 (WGS 84)
Cond Log Date	NA	TEMP WELL DATA	Riser Stickup: NA
Core Sample Date	11/3/06	TD (BGS):	20' Screened Interval (BGS): 10-20'

**White Lake
AB-8
No Conductivity LOG**

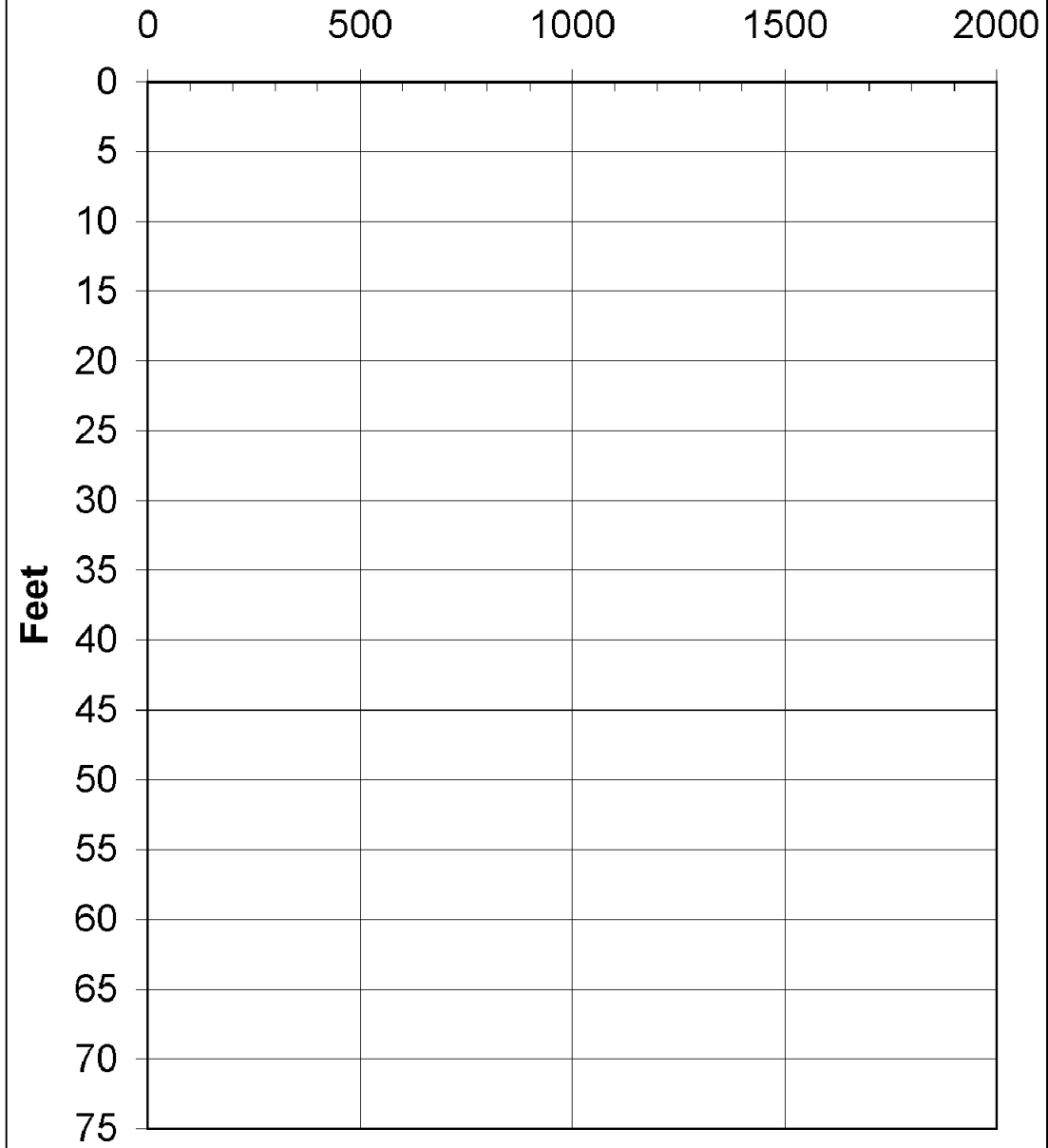


Interpreted Lithology	Well Construction	Chlorides (ppm)	Electric Conductivity (mmhos/cm)	TPH-D (ppm)	TPH-O (ppm)	PID (ppm)	Core Recovery	
								AB-8 Schematic Vermilion Parish School Board, White Lake
								No Recovery
	NO WELL INSTALLED	2,900	10.9			0.1		PEAT and Organic CLAY, dk brn
		2,550	11.1			0.1		PEAT and Organic CLAY, dk brn
		1,750	6.99	<10	<50	0.1		Sediment, dk brn with Sheen and Odor to 11'
		225	2.34			0.1		CLAY, blue-gry w/orange spts
		205	1.79	<10	<50	0.1		CLAY, blue-gry, some silt
		285	1.85			0.1		CLAY, blue-gry, some silt
		350	2.54			0.1		
		690	3.18			0.1		Silty CLAY, blue-gry

Collected Soil Samples with 2' splitspoon using a rotary wash rig to 22' bgs.
Tremmie Grouted Hole.

SOIL CONDUCTIVITY PROBE BORING LOG DIAGRAM			
Project #	9077-041-0800	Lat/Log (Datum):	N29-44-02.1 W92-22-05.9 (WGS 84)
Cond Log Date	NA	TEMP WELL DATA	Riser Stickup: NA
Core Sample Date	11/6/06	TD (BGS):	NA Screened Interval (BGS): NA

**White Lake
AB-9
No Conductivity LOG**

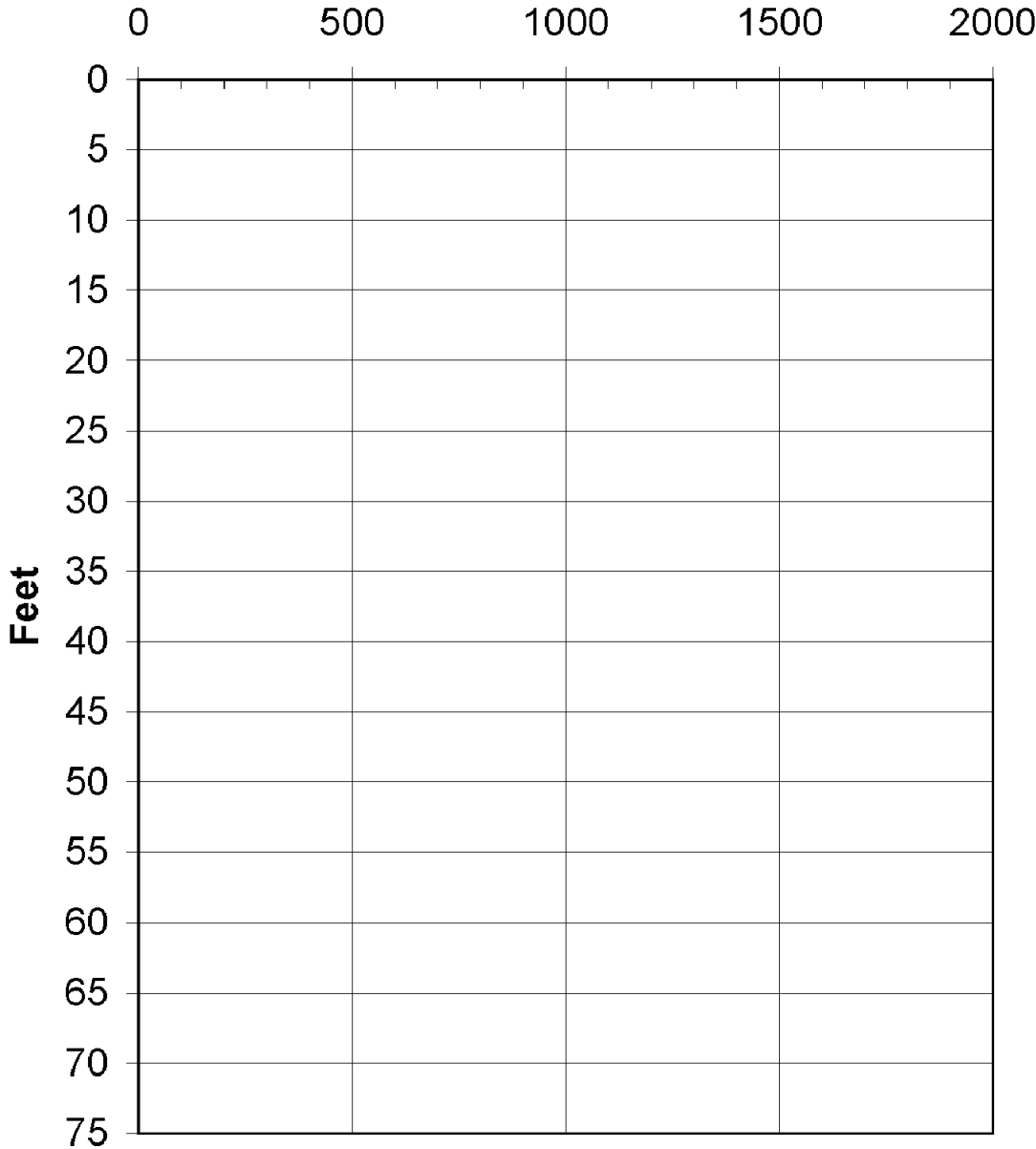


Interpreted Lithology	Well Construction	Chlorides (ppm)	Electric Conductivity (mmhos/cm)	TPH-D (ppm)	TPH-O (ppm)	PID (ppm)	Core Recovery	
						NR		Skipped
NO WELL INSTALLED		2,100	6.11			0.1		No Recovery
		2,750	11.4			0.1		Organics to 6.5' / Organic Silty CLAY
		2,700	9.71			0.1		Organic CLAY, gry-brn
		1,800	6.81	<10	<50	0.1		PEAT to 10.5' / Silty CLAY, dk blue-gry
		395	3.18			0.1		Sediment and Organic Mat to 13', ODOR
		320	2.64	<10	<50	0.1		CLAY, blue-gry w/orange spts, medium st
						0.1		CLAY - Silty CLAY, blue-gry
		1,200	4.36			0.1		
								Skipped
							0.1	

Collected Soil Samples with 2' splitspoon using a rotary wash rig to 24' bgs.
Tremmie Grouted Hole.

SOIL CONDUCTIVITY PROBE BORING LOG DIAGRAM			
Project #	9077-041-0800	Lat/Log (Datum):	N29-44-04.1 W92-22-05.3 (WGS 84)
Cond Log Date	NA	TEMP WELL DATA	Riser Stickup: NA
Core Sample Date	11/6/06	TD (BGS):	NA Screened Interval (BGS): NA

White Lake AB-10 No Conductivity LOG

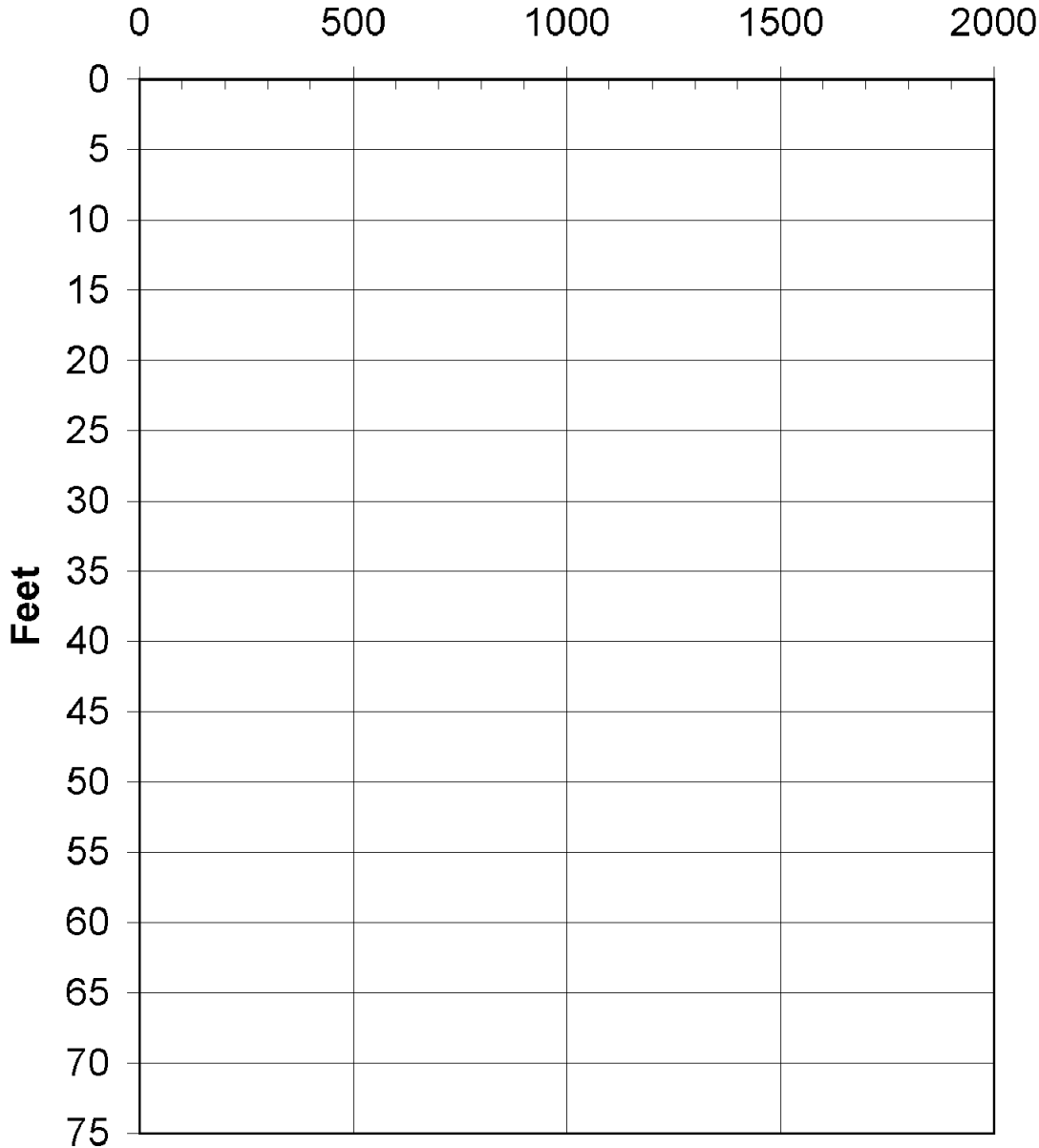


Interpreted Lithology	Well Construction	Chlorides (ppm)	Electric Conductivity (mmhos/cm)	TPH-D (ppm)	TPH-O (ppm)	PID (ppm)	Core Recovery	Notes
								AB-10 Schematic Vermilion Parish School Board, White Lake
								No Recovery
								Silty CLAY, Organics, soft, gry
		2,150	6.33					SAA
						0.1		No Recovery
		1,850	7.54			0.1		Silty CLAY and Organics, soft, gry
		1,300	4.86			0.1		Silty CLAY and CLAY, soft, gry
		1,800	6.54	<10	<50	0.1		Silty CLAY, very soft to 13', Odor
		490	2.15	<10	<50	0.1		Silty CLAY, lt blue-gry, Odor
						0.1		Silty CLAY, blue-gry
		470	1.89			0.1		
		655	2.87			0.1		Silty CLAY, blue-gry with Silty SAND in fracture

Collected Soil Samples with 2' splitspoon using a rotary wash rig to 22' bgs.
Tremmie Grouted Hole.

SOIL CONDUCTIVITY PROBE BORING LOG DIAGRAM			
Project #	9077-041-0800	Lat/Log (Datum):	N29-44-01.0 W92-21-57.2 (WGS 84)
Cond Log Date	NA	TEMP WELL DATA	Riser Stickup: NA
Core Sample Date	11/6/06	TD (BGS):	NA Screened Interval (BGS): NA

White Lake AB-11 No Conductivity LOG

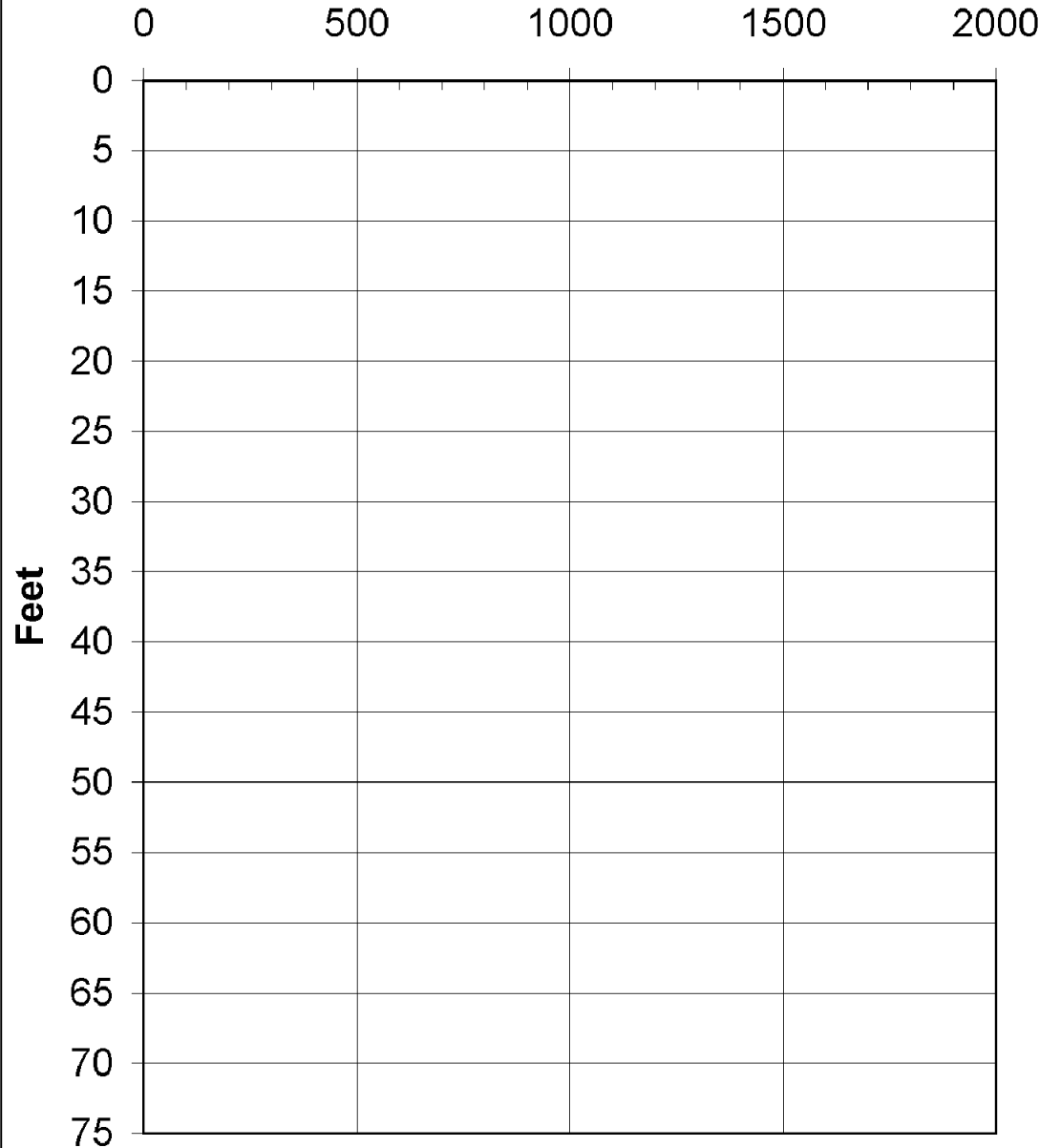


Interpreted Lithology	Well Construction	Chlorides (ppm)	Electric Conductivity (mmhos/cm)	TPH-D (ppm)	TPH-O (ppm)	PID (ppm)	Core Recovery	
								AB-11 Schematic Vermilion Parish School Board, White Lake
								0
								2
								4
								6
								8
								10
								12
								14
								16
								18
								20
								22
								24
								26
								28
								30
								32
								34
								36
								38
								40
								42
								44
								46
								48
								50

Collected Soil Samples with 2' splitspoon using a rotary wash rig to 20' bgs.
Tremmie Grouted Hole.

SOIL CONDUCTIVITY PROBE BORING LOG DIAGRAM			
Project #	9077-041-0800	Lat/Log (Datum):	N29-44-01.8 W92-21-55.8 (WGS 84)
Cond Log Date	NA	TEMP WELL DATA	Riser Stickup: NA
Core Sample Date	11/6/06	TD (BGS):	NA Screened Interval (BGS): NA

White Lake AB-12 No Conductivity LOG



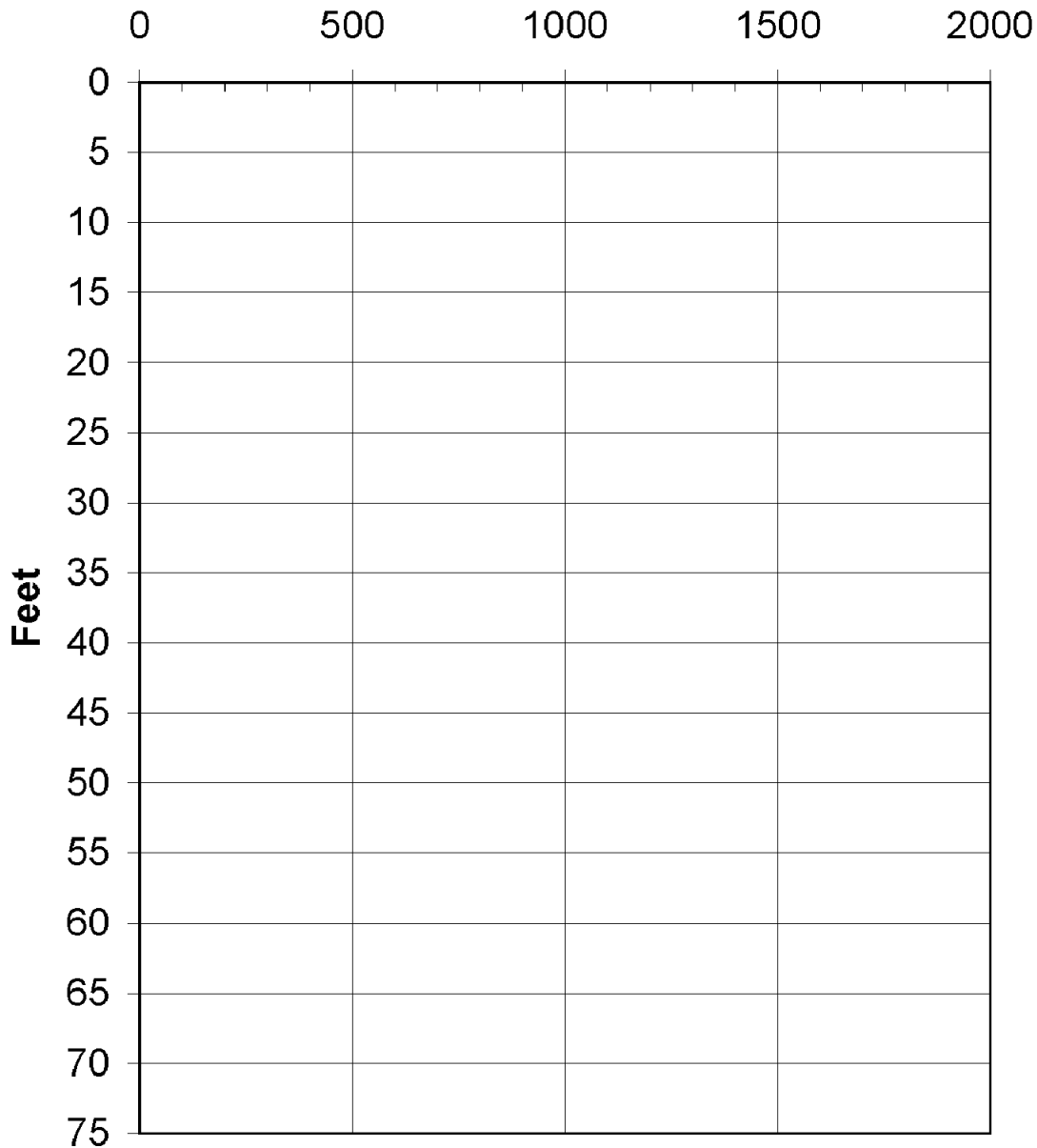
Interpreted Lithology	Well Construction	Chlorides (ppm)	Electric Conductivity (mmhos/cm)	TPH-D (ppm)	TPH-O (ppm)	PID (ppm)	Core Recovery	Description	Depth (ft)
								Skipped	0
								No Recovery	2
		4,850	11.7	<10	<50	0.1	■	PEAT and Organics to 7' / Silty CLAY, vsoft	4
		15,500	27.1			0.1	■	Silty CLAY, soft to 9.5' / Organic CLAY, dk brn	6
								No Recovery	8
		30,800	61.5	<10	<50	0.1	■	PEAT and Organic CLAY to 13.5' / Silty CLAY, gry	10
		14,000	22.5			0.1	■	Silty CLAY, gry soft, with PEAT lens at 15'	12
		15,200	21.9			0.1	■	PEAT to 17' / Silty CLAY - CLAY, gry orange	14
						0.1		Drilled Through to 22'	16
		6,400	12.5			0.1	■	CLAY - Silty CLAY, Stiff, gry-orange	18
									20
									22
									24
									26
									28
									30
									32
									34
									36
									38
									40
									42
									44
									46
									48
									50

Collected Soil Samples with 2' splitspoon using a rotary wash rig to 24' bgs.
Tremmie Grouted Hole.

SOIL CONDUCTIVITY PROBE BORING LOG DIAGRAM

Project # 9077-041-0800	Lat/Log (Datum): N29-44-04.2 W92-21-52.8 (WGS 84)	
Cond Log Date NA	TEMP WELL DATA	Riser Stickup: NA
Core Sample Date 11/7/06	TD (BGS): NA	Screened Interval (BGS): NA

White Lake AB-13 No Conductivity LOG



Interpreted Lithology	Well Construction	Chlorides (ppm)	Electric Conductivity (mmhos/cm)	TPH-D (ppm)	TPH-O (ppm)	PID (ppm)	Core Recovery	
								Skipped
								0
								- 2
								- 4
		3,100	9.5	2100	1440	0.1		Organic Matter, dk brn, grass
						0.1		No Recovery.
		2,750	8.03			0.1		Silty CLAY, very soft, some Organics
		5,800	13.3	90.6	70.9			SAA.
		5,200	11.5			0.1		PEAT and Silty CLAY, rootlets
		4,800	10.2			0.1		Silty CLAY, gry with PEAT lens
		3,750	8.25			0.1		Silty CLAY gry to 17' / CLAY, blue-gry
						0.1		Drilled Through to 24'
								- 20
								- 22
								- 24
		4,800	9.4			0.1		Silty Sandy CLAY, lt blue-gry with orange spts
								- 26
								- 28
								- 30
								- 32
								- 34
								- 36
								- 38
								- 40
								- 42
								- 44
								- 46
								- 48
								- 50

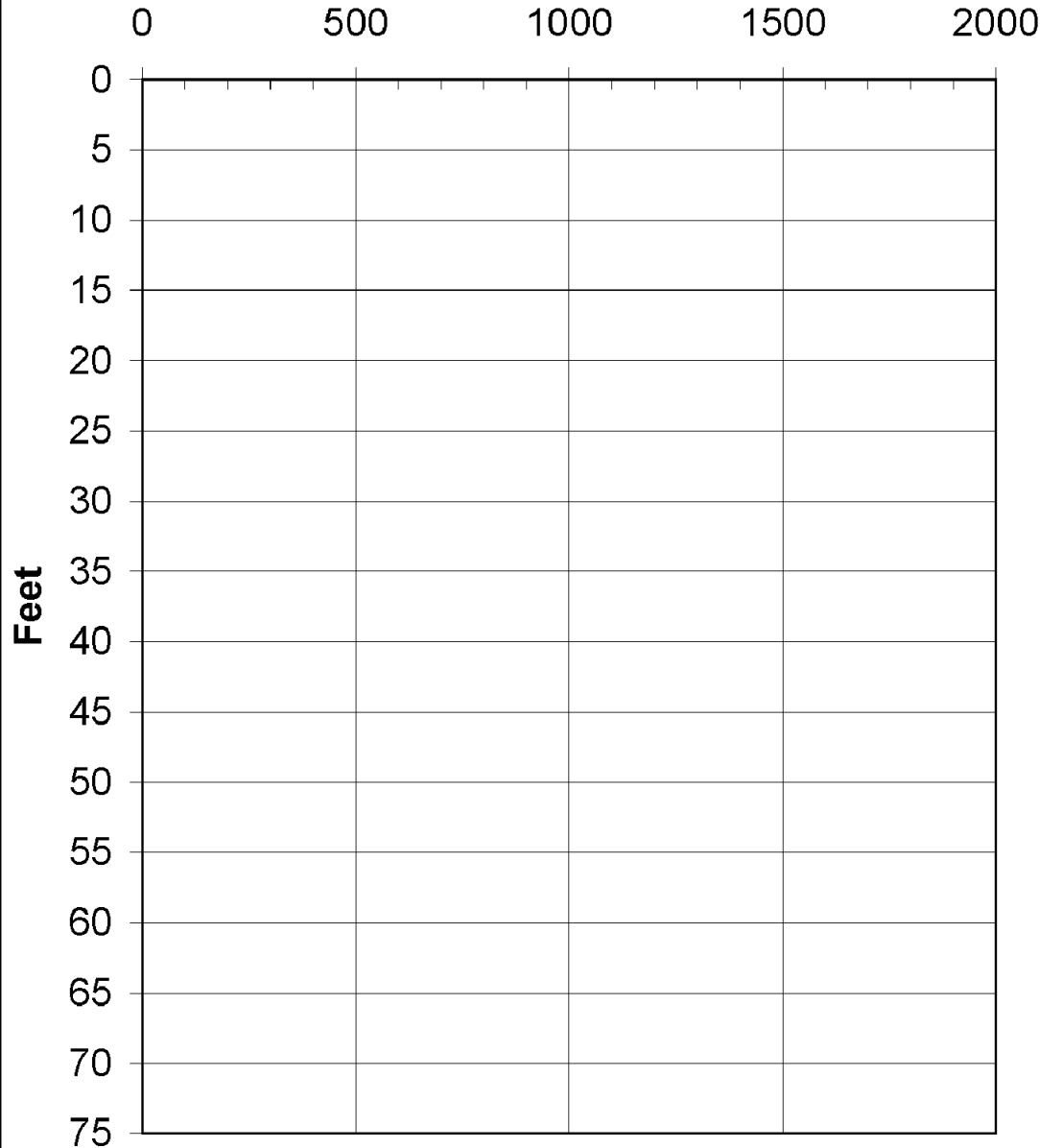
AB-13
Schematic
Vermilion Parish School Board, White Lake

Collected Soil Samples with 2' splitspoon using a rotary wash rig to 26' bgs.
Tremmie Grouted Hole.

SOIL CONDUCTIVITY PROBE BORING LOG DIAGRAM

Project #	9077-041-0800	Lat/Log (Datum):	N29-43-59.3 W92-21-54.8 (WGS 84)
Cond Log Date	NA	TEMP WELL DATA	Riser Stickup: NA
Core Sample Date	11/7/06	TD (BGS):	NA Screened Interval (BGS): NA

White Lake **AB-14** No Conductivity LOG

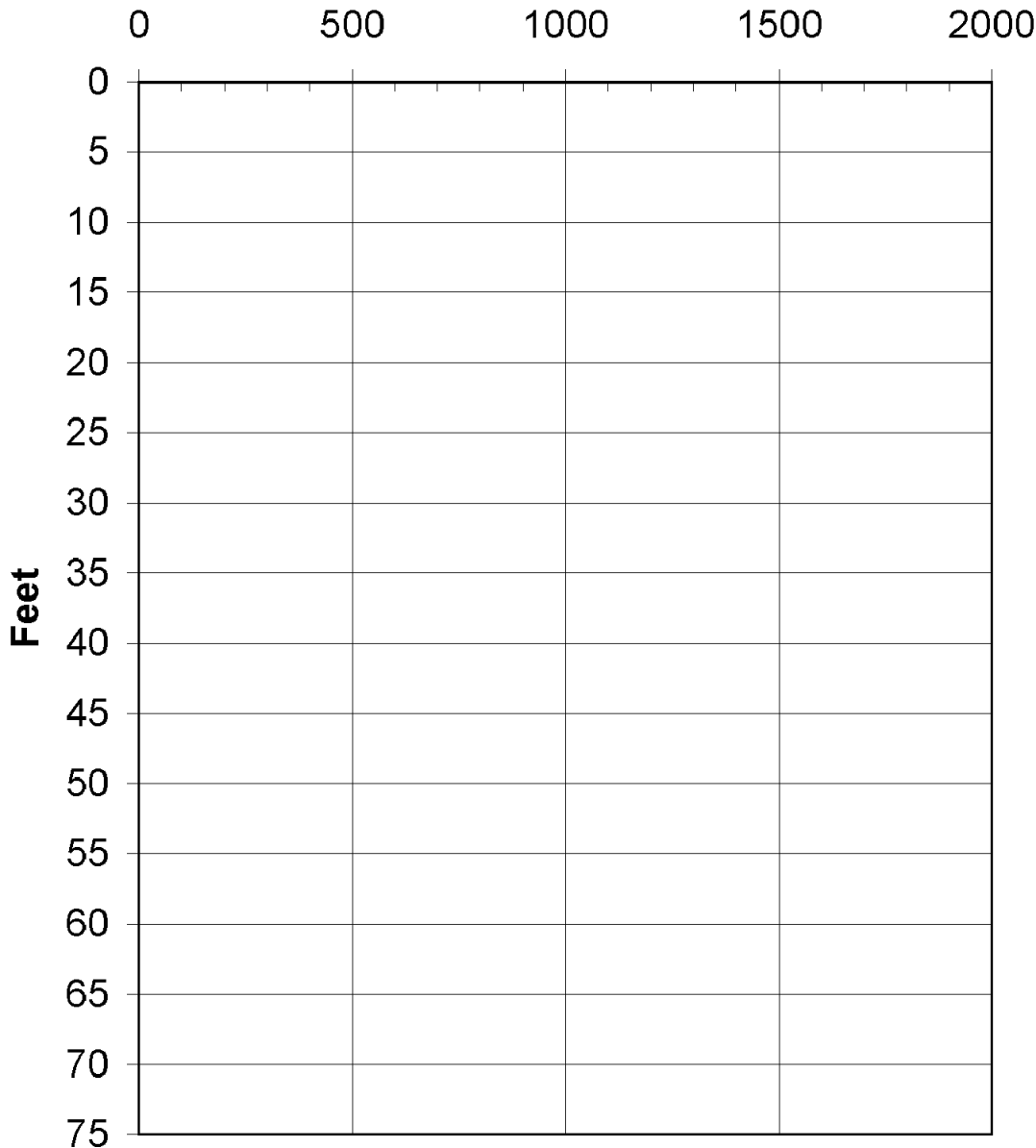


Interpreted Lithology	Well Construction	Chlorides (ppm)	Electric Conductivity (mmhos/cm)	TPH-D (ppm)	TPH-O (ppm)	PID (ppm)	Core Recovery	
								AB-14 Schematic Vermilion Parish School Board, White Lake
								0
								2
								4
								6
								8
								10
								12
								14
								16
								18
								20
								22
								24
								26
								28
								30
								32
								34
								36
								38
								40
								42
								44
								46
								48
								50

Collected Soil Samples with 2' splitspoon using a rotary wash rig to 26' bgs.
Tremmie Grouted Hole.

SOIL CONDUCTIVITY PROBE BORING LOG DIAGRAM			
Project #	9077-041-0800	Lat/Log (Datum):	N29-43-58.7 W92-22-01.3 (WGS 84)
Cond Log Date	NA	TEMP WELL DATA	Riser Stickup: NA
Core Sample Date	11/7/06	TD (BGS):	NA Screened Interval (BGS): NA

White Lake **AB-15** No Conductivity LOG

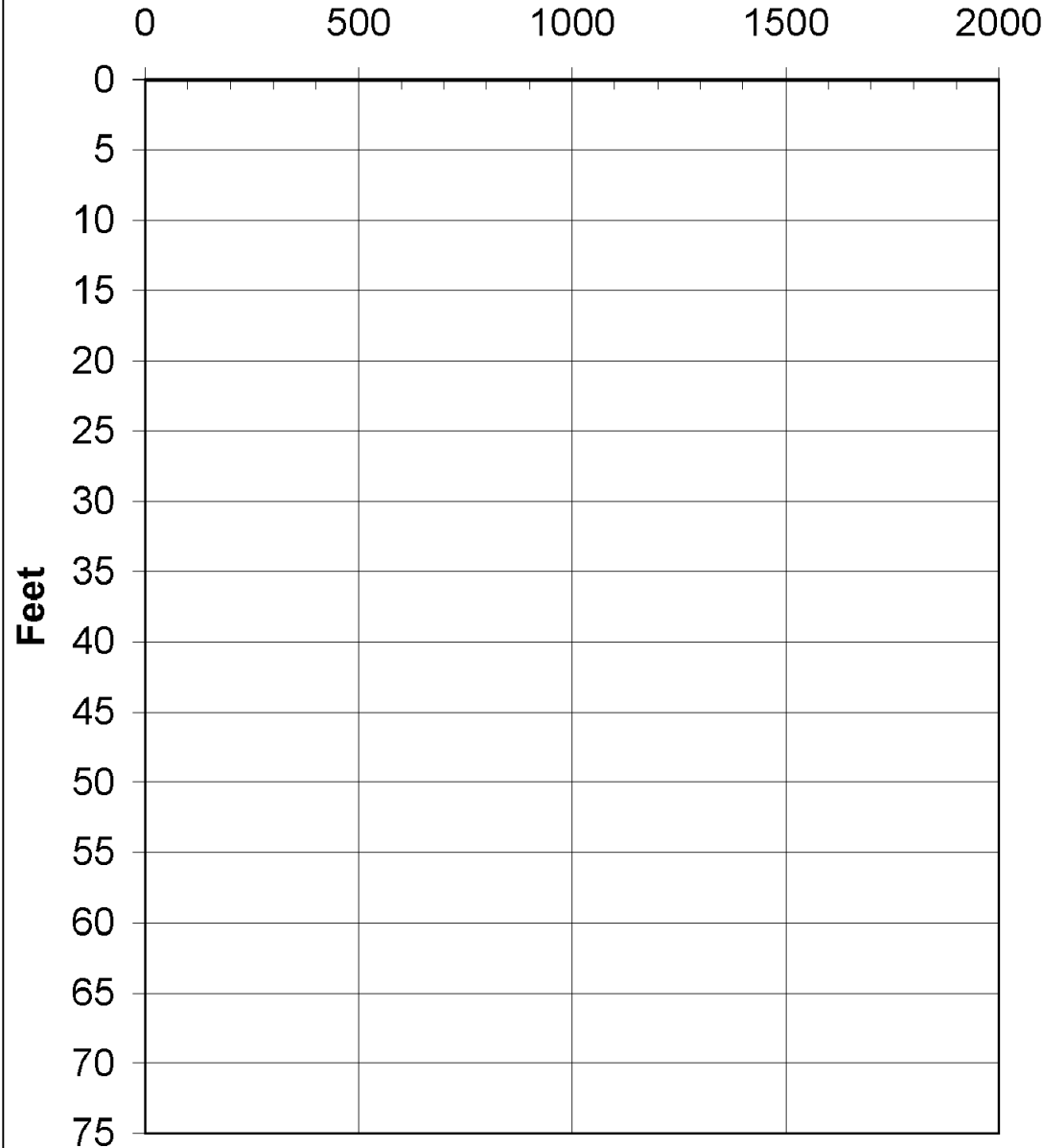


Interpreted Lithology	Well Construction	Chlorides (ppm)	Electric Conductivity (mmhos/cm)	TPH-D (ppm)	TPH-O (ppm)	PID (ppm)	Core Recovery	Description	Depth (ft)
								Skipped	0
						0.1	■	Sediment, dk bry & Organic Matter, sl odor	2
						0.1		No Recovery	4
						0.1		No Recovery	6
							■	CLAY and PEAT, gry	8
						0.1	■	Silty CLAY, v soft, gry	10
						0.1	■	same to 15' / CLAY, gry and orange	12
		4,750	11.1			0.1	■	CLAY, lt blue-gry with orange spts	14
		4,050	9.9			0.1	■	same	16
								Reamed to 24'	18
									20
		6,250	14.9			0.1	■	Silty Sandy CLAY, lt blue-gry	22
									24
									26
									28
									30
									32
									34
									36
									38
									40
									42
									44
									46
									48
									50

Collected Soil Samples with 2' splitspoon using a rotary wash rig to 26' bgs.
Tremmie Grouted Hole.

SOIL CONDUCTIVITY PROBE BORING LOG DIAGRAM			
Project #	9077-041-0800	Lat/Log (Datum):	N29-44-01.0 W92-22-01.2 (WGS 84)
Cond Log Date	NA	TEMP WELL DATA	Riser Stickup: NA
Core Sample Date	11/7/06	TD (BGS):	18' Screened Interval (BGS): 8-18'

White Lake AB-16 No Conductivity LOG



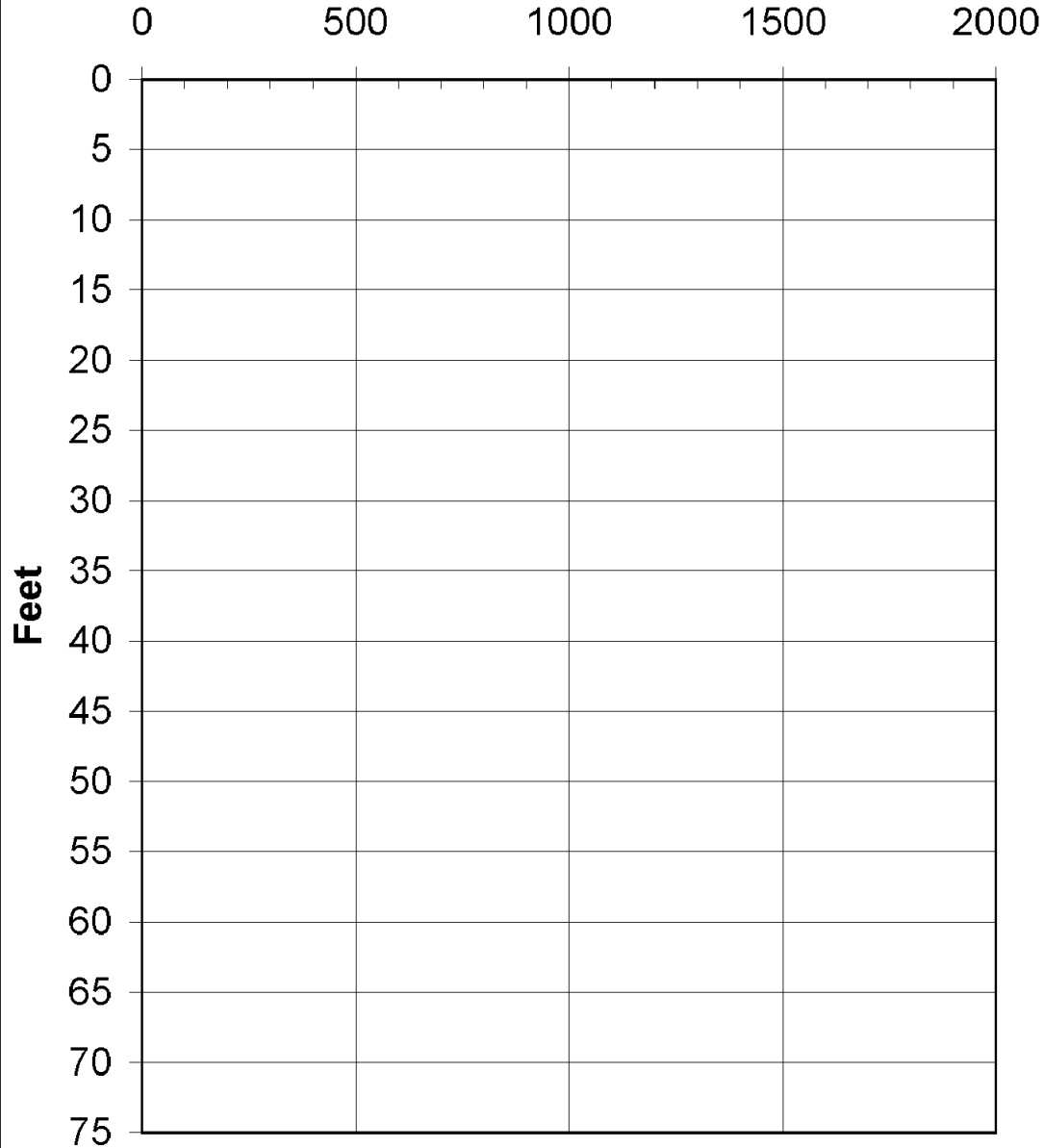
Interpreted Lithology	Well Construction	Chlorides (ppm)	Electric Conductivity (mmhos/cm)	TPH-D (ppm)	TPH-O (ppm)	PID (ppm)	Core Recovery	Description
								Skipped
NO WELL INSTALLED		4,250	11.6			0.1		Organic CLAY, Plant Material No Recovery
		14,800	21.5			0.1		Silty CLAY, soft, gry
		50,200	92.5	21.6	<50			Silty CLAY, soft gry / Organic Clay Peat 11'
		6,500	15.4	<10	<50	0.1		Silty CLAY, gry, w/ PEAT lens
		4,250	13.4			0.1		Silty CLAY & PEAT to 15' / CLAY, lt gry-orgng
		4,200	9.46			0.1		Silty CLAY, lt gry w/orange spots
						0.1		Reamed to 24'
		1,440	4.83			0.1		CLAY, lt blue-gry, Stiff, w/Silty Sandy CLAY lens

Collected Soil Samples with 2' splitspoon using a rotary wash rig to 26' bgs.
Tremmie Grouted Hole.

SOIL CONDUCTIVITY PROBE BORING LOG DIAGRAM

Project #	9077-041-0800	Lat/Log (Datum):	N29-44-02.9 W92-22-01.8 (WGS 84)
Cond Log Date	NA	TEMP WELL DATA	Riser Stickup: NA
Core Sample Date	11/7/06	TD (BGS):	NA Screened Interval (BGS): NA

White Lake **AB-17** No Conductivity LOG

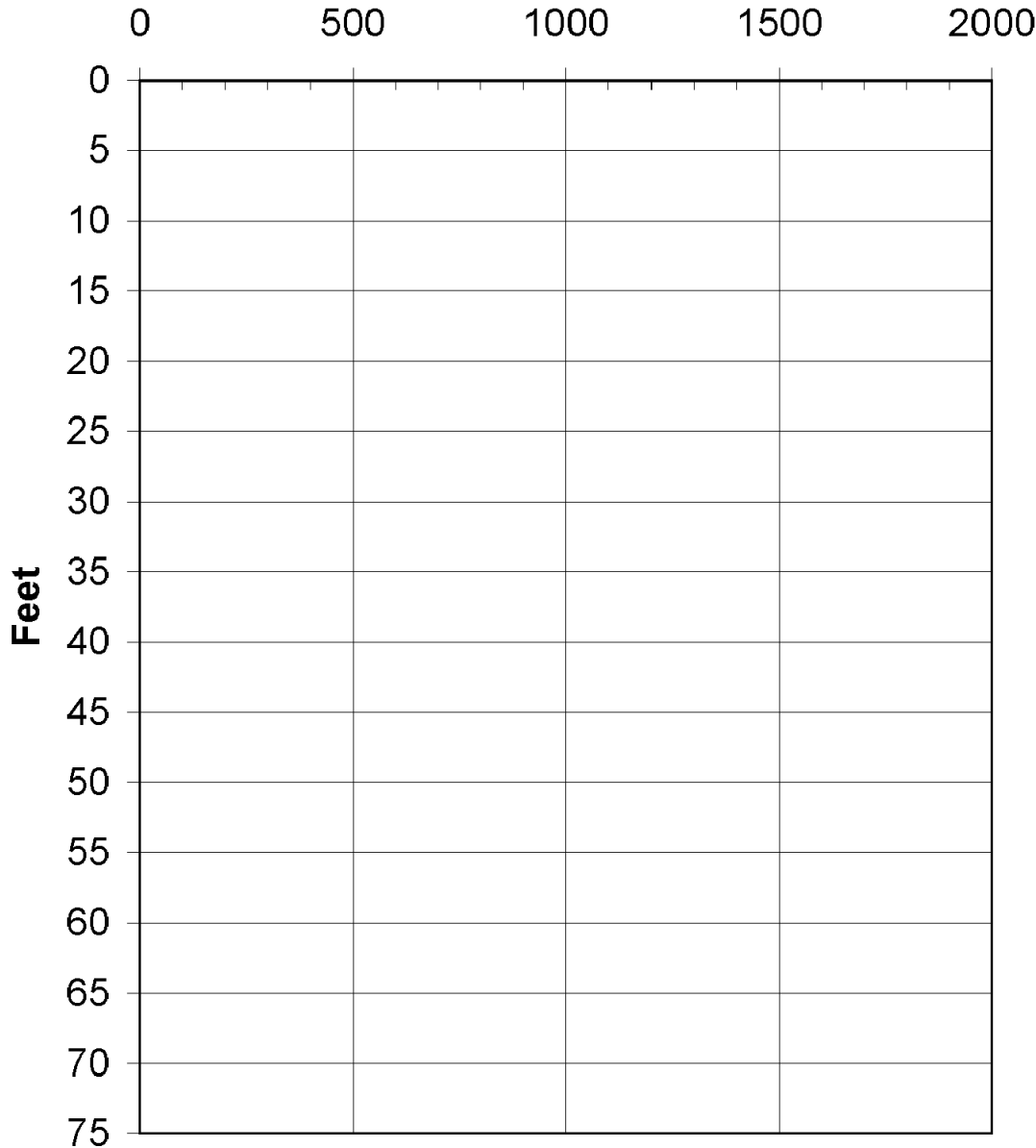


Interpreted Lithology	Well Construction	Chlorides (ppm)	Electric Conductivity (mmhos/cm)	TPH-D (ppm)	TPH-O (ppm)	PID (ppm)	Core Recovery	Description	Depth (ft)
								Skipped	0
									-2
						0.1		Organic Matter, Grass, Etc.	-4
						0.3		Silty CLAY, gry with Organic Matter	-6
						0.1		Silty CLAY, gry with Organic Matter	-8
								TD at 10' bgs.	-10
									-12
									-14
									-16
									-18
									-20
									-22
									-24
									-26
									-28
									-30
									-32
									-34
									-36
									-38
									-40
									-42
									-44
									-46
									-48
									-50

Collected Soil Samples with 2' splitspoon using a rotary wash rig to 10' bgs.
Tremmie Grouted Hole.

SOIL CONDUCTIVITY PROBE BORING LOG DIAGRAM			
Project #	9077-041-0800	Lat/Log (Datum):	N29-44-02.8 W92-21-59.5 (WGS 84)
Cond Log Date	NA	TEMP WELL DATA	Riser Stickup: NA
Core Sample Date	11/8/06	TD (BGS):	NA Screened Interval (BGS): NA

White Lake AB-18 No Conductivity LOG

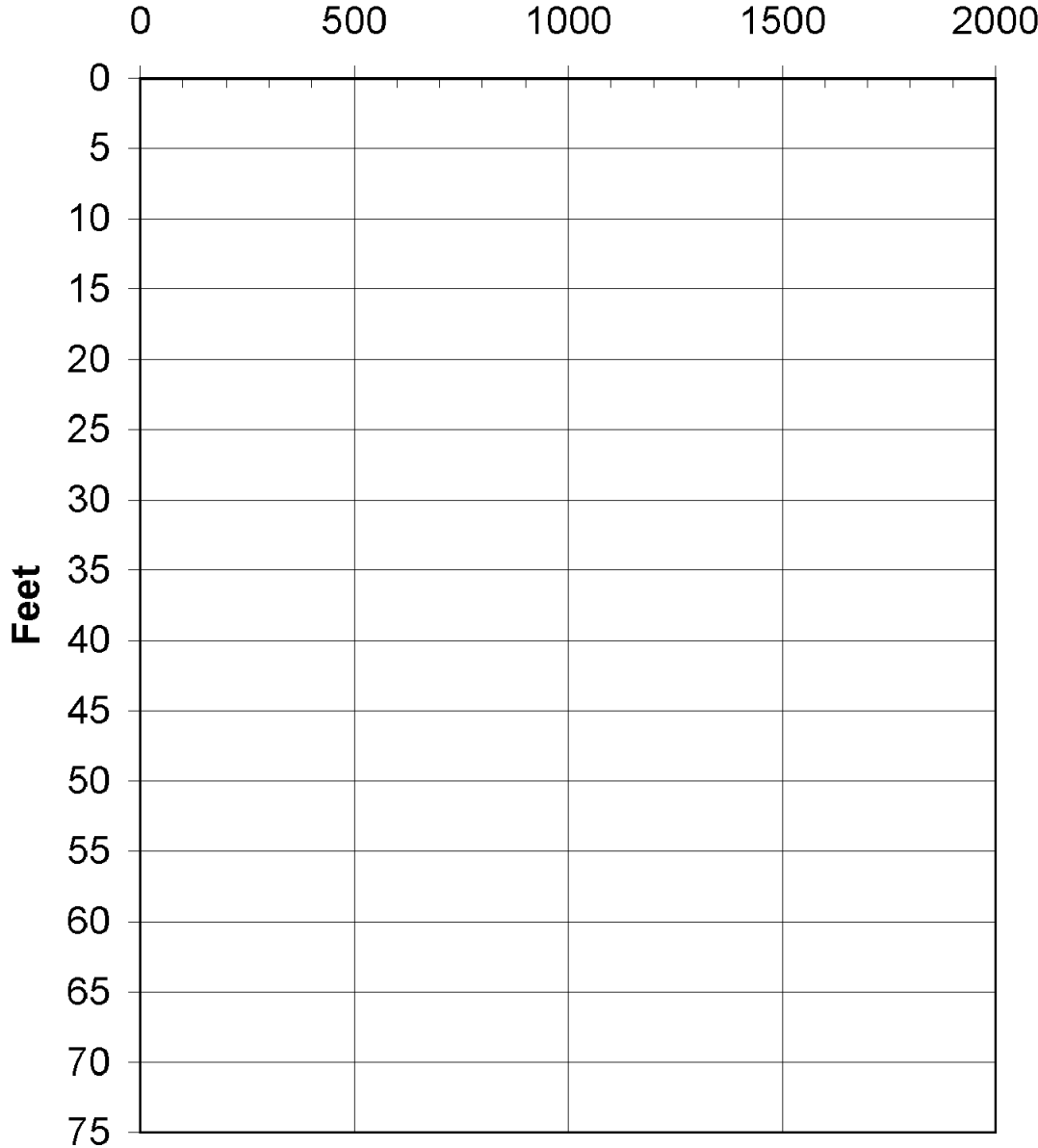


Interpreted Lithology	Well Construction	Chlorides (ppm)	Electric Conductivity (mmhos/cm)	TPH-D (ppm)	TPH-O (ppm)	PID (ppm)	Core Recovery	
								AB-18 Schematic Vermilion Parish School Board, White Lake
								0
								2
								4
								6
								8
								10
								12
								14
								16
								18
								20
								22
								24
								26
								28
								30
								32
								34
								36
								38
								40
								42
								44
								46
								48
								50

Collected Soil Samples with 2' splitspoon using a rotary wash rig to 26' bgs.
Tremmie Grouted Hole.

SOIL CONDUCTIVITY PROBE BORING LOG DIAGRAM			
Project #	9077-041-0800	Lat/Log (Datum):	N29-44-09.0 W92-22-06.9 (WGS 84)
Cond Log Date	NA	TEMP WELL DATA	Riser Stickup: NA
Core Sample Date	11/8/06	TD (BGS):	NA Screened Interval (BGS): NA

White Lake AB-19 No Conductivity LOG



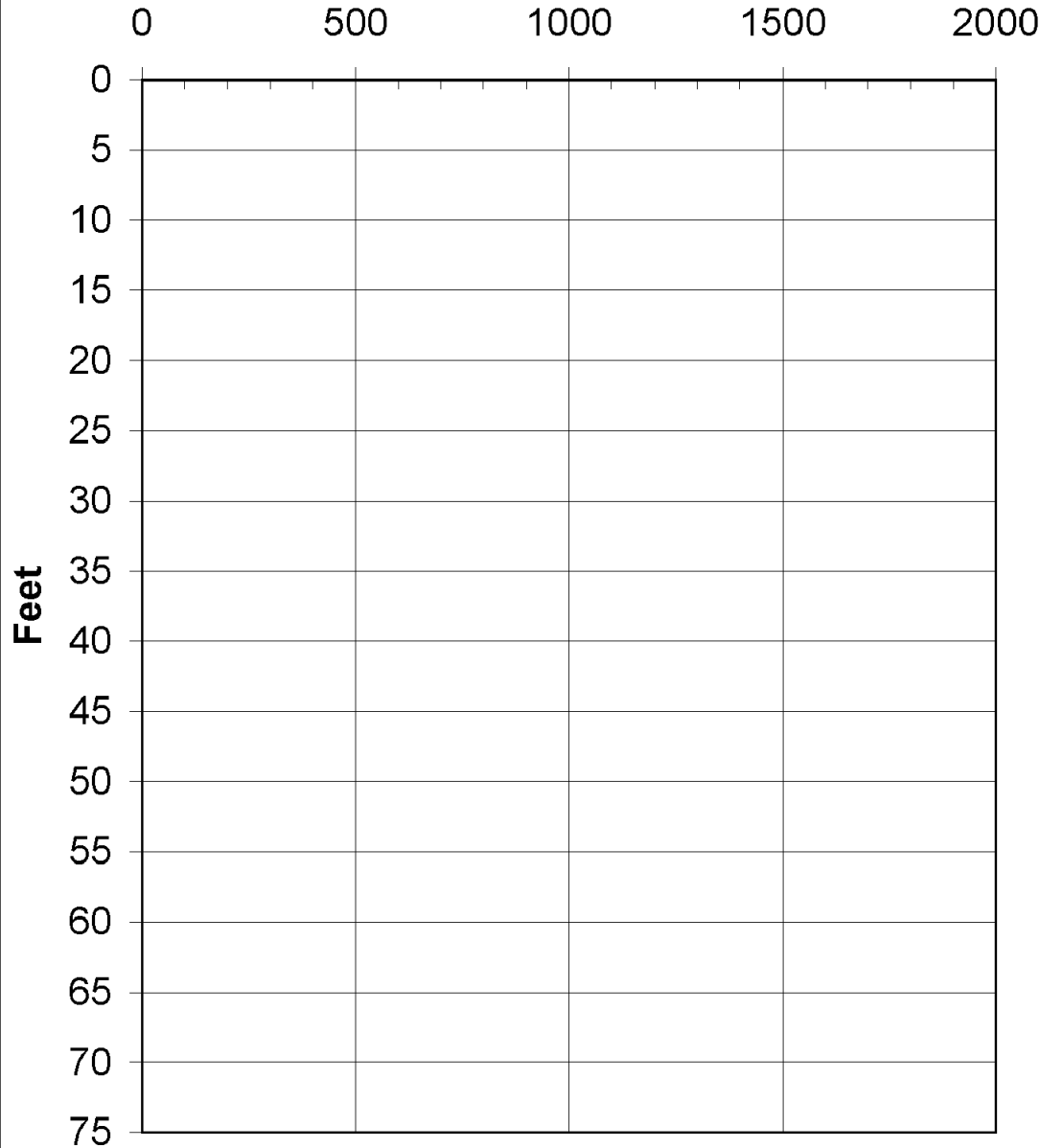
Interpreted Lithology	Well Construction	Chlorides (ppm)	Electric Conductivity (mmhos/cm)	TPH-D (ppm)	TPH-O (ppm)	PID (ppm)	Core Recovery	Description	Depth (ft)
								Skipped	0
									2
									4
		3,950	9.82			0.1		Organic Matter, Grass, Silty CLAY	6
		2,150	8.16			0.2		Silty CLAY, Organic CLAY, PEAT, brn	8
		1,040	4.04	<10	<50	0.5		Silty CLAY, soft, with Organic Matter	10
		730	2.94			0.1		Silty CLAY, soft, gray	12
		530	1.91	<10	<50	0.3		Silty CLAY, soft, gry	14
		560	1.85			0.1		Silty CLAY, CLAY, gry and orange	16
						0.1		Silty CLAY, CLAY, gry and orange	18
									20
									22
									24
									26
									28
									30
									32
									34
									36
									38
									40
									42
									44
									46
									48
									50

AB-19
Schematic
Vermilion Parish School Board, White Lake

Collected Soil Samples with 2' splitspoon using a rotary wash rig to 18' bgs.
Set 3/4" PVC well in a 4" hole to 18'bgs with 0.010 slot screen from 8-18'bgs,
20/40 filter sand to 7' bgs, 3/8" bentonite crumbles to 5' bgs, grout to surface.

SOIL CONDUCTIVITY PROBE BORING LOG DIAGRAM			
Project #	9077-041-0800	Lat/Log (Datum):	N29-44-08.5 W92-22-08.9 (WGS 84)
Cond Log Date	NA	TEMP WELL DATA	Riser Stickup: 3"
Core Sample Date	11/8/06	TD (BGS):	18' Screened Interval (BGS): 8-18'

White Lake AB-20 No Conductivity LOG



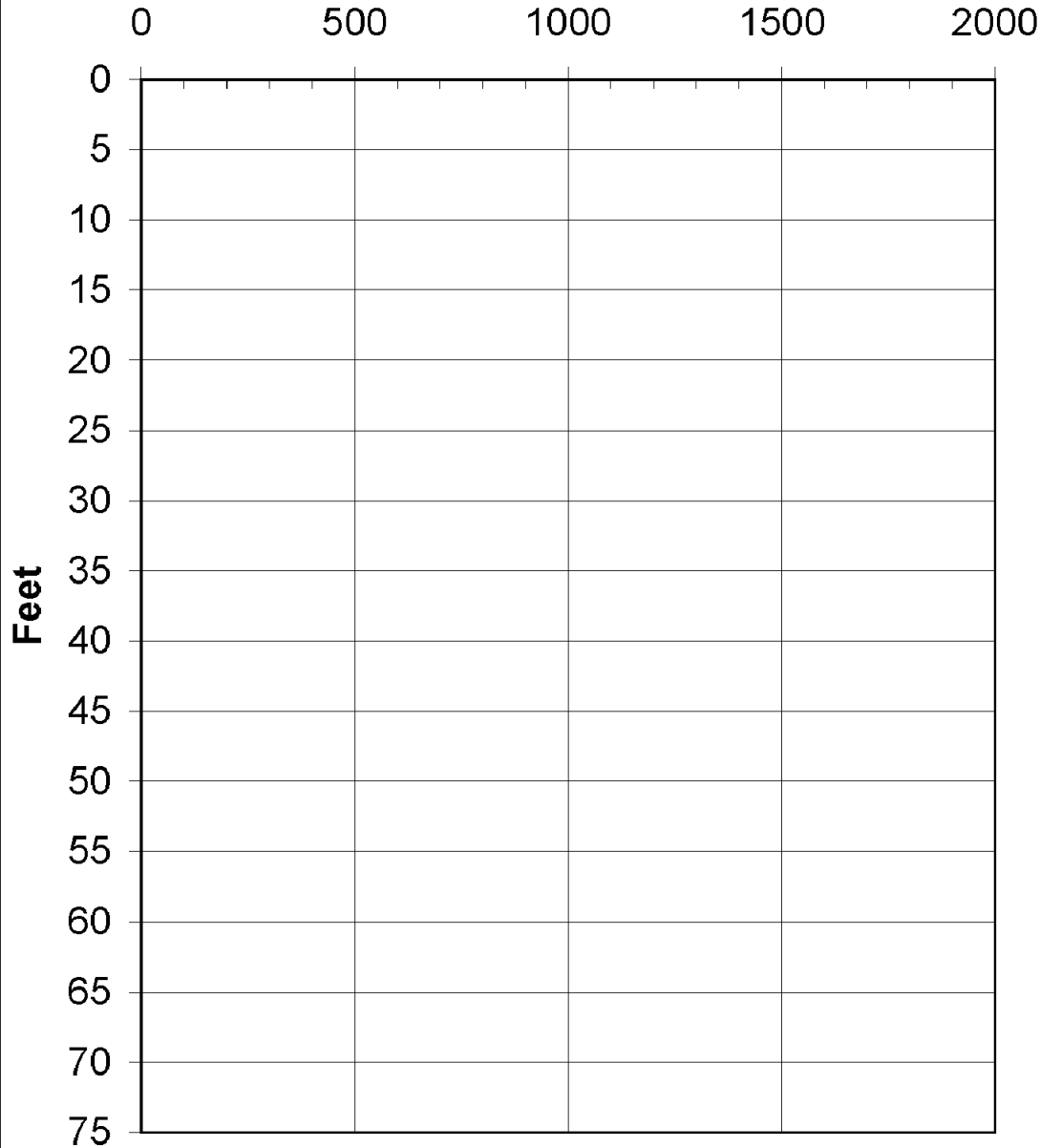
Interpreted Lithology	Well Construction	Chlorides (ppm)	Electric Conductivity (mmhos/cm)	TPH-D (ppm)	TPH-O (ppm)	PID (ppm)	Core Recovery	Description
								Skipped
NO WELL INSTALLED		11,800	18.4			0.1		No Recovery Silty CLAY, gry, w Organic Matter
		6,250	13.4			0.1		No Recovery PEAT, dk brn
		2,350	6.78			0.3		PEAT, Organic CLAY / Silty CLAY, soft
		950	4.29	<10	<50	0.5		Silty CLAY, dk gry / CLAY blue-gry at 15'
		175	1.16	<10	<50	0.1		Silty CLAY, gry and orange
		210	1.03					CLAY and Silty CLAY, lt blue-gry w/orange spts
		250	1.22			0.1		CLAY, lt blue-gry w/orange spots

Collected Soil Samples with 2' splitspoon using a rotary wash rig to 26' bgs.
Tremmie Grouted Hole.

SOIL CONDUCTIVITY PROBE BORING LOG DIAGRAM

Project #	9077-041-0800	Lat/Log (Datum):	N29-44-00.4 W92-21-41.4 (WGS 84)
Cond Log Date	NA	TEMP WELL DATA	Riser Stickup: NA
Core Sample Date	11/8/06	TD (BGS):	NA Screened Interval (BGS): NA

White Lake **AB-21** No Conductivity LOG



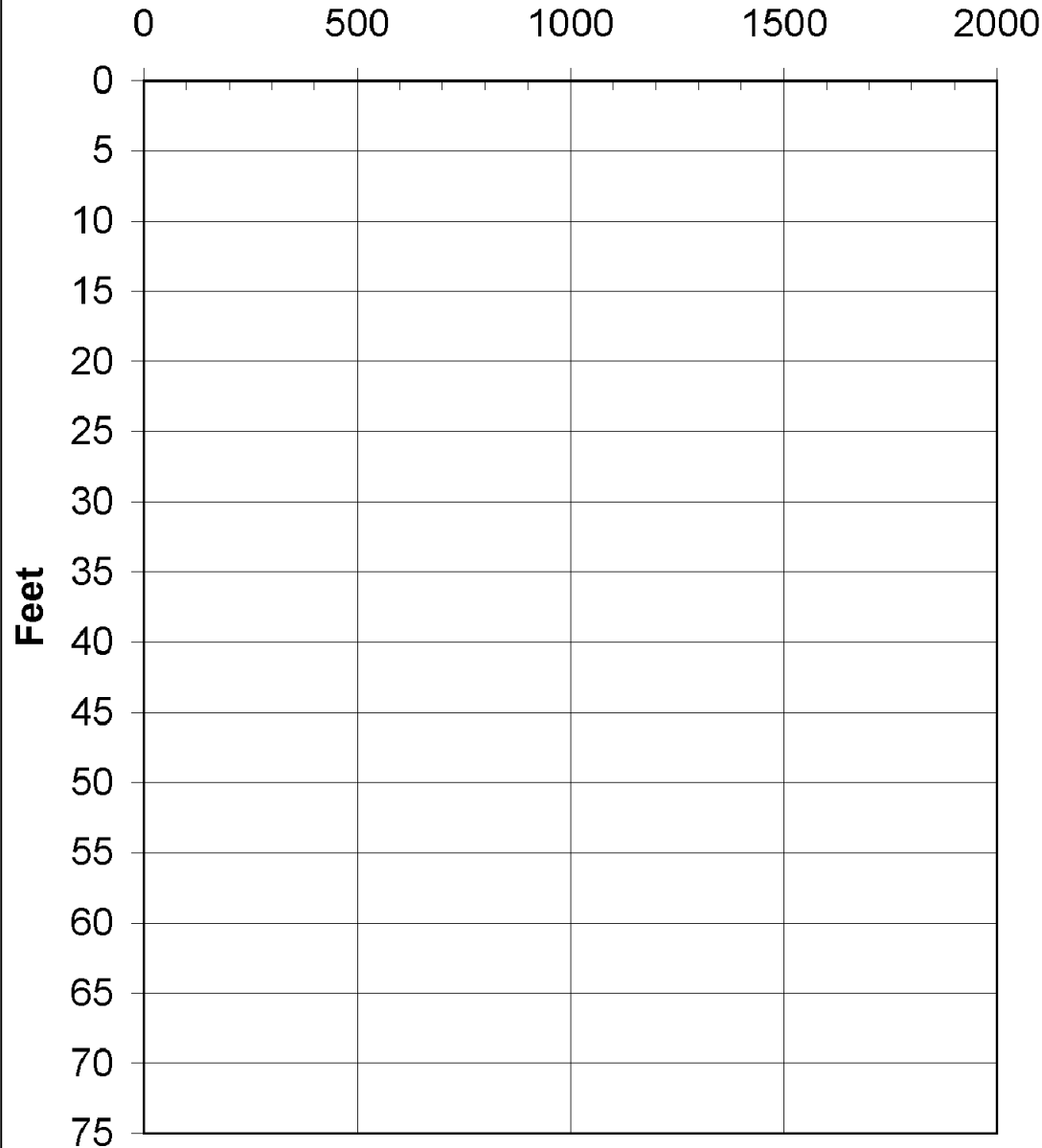
Interpreted Lithology	Well Construction	Chlorides (ppm)	Electric Conductivity (mmhos/cm)	TPH-D (ppm)	TPH-O (ppm)	PID (ppm)	Core Recovery	Description	Depth (ft)
								Skipped	0
									2
									4
									6
									8
									10
									12
									14
									16
									18
									20
									22
									24
									26
									28
									30
									32
									34
									36
									38
									40
									42
									44
									46
									48
									50

Collected Soil Samples with 2' splitspoon using a rotary wash rig to 20' bgs.
Tremmie Grouted Hole.

SOIL CONDUCTIVITY PROBE BORING LOG DIAGRAM

Project #	9077-041-0800	Lat/Log (Datum):	N29-44-01.5 W92-21-43.2 (WGS 84)
Cond Log Date	NA	TEMP WELL DATA	Riser Stickup: NA
Core Sample Date	11/8/06	TD (BGS):	NA Screened Interval (BGS): NA

White Lake AB-22 No Conductivity LOG



Interpreted Lithology	Well Construction	Chlorides (ppm)	Electric Conductivity (mmhos/cm)	TPH-D (ppm)	TPH-O (ppm)	PID (ppm)	Core Recovery	Description	Depth (Feet)
								Skipped	0
									2
NO WELL INSTALLED		11,000	20.3	NA	NA	0.1		Organic Matter, grass some Silty CLAY, gry	4
NO WELL INSTALLED		30,200	64	NA	NA	0.1		PEAT and Organic CLA	6
NO WELL INSTALLED		11,800	28.6	NA	NA	0.1		PEAT and Organic CLAY	8
NO WELL INSTALLED		10,500	29	NA	NA	0.1		Organic CLAY and PEAT	10
NO WELL INSTALLED		8,500	17	ND	ND	0.2		Silty CLAY, soft, gry some Organic Matter	12
NO WELL INSTALLED		11,000	18.3	NA	NA	0.1		Silty CLAY, soft / Silty CLAY, blue-gry at bott	14
NO WELL INSTALLED		5,300	10.8	ND	ND	0.6		CLAY, lt blue-gry, orange spots	16
									18
									20
									22
									24
									26
									28
									30
									32
									34
									36
									38
									40
									42
									44
									46
									48
									50

Collected Soil Samples with 2' splitspoon using a rotary wash rig to 18' bgs.
Tremmie Grouted Hole.

SOIL CONDUCTIVITY PROBE BORING LOG DIAGRAM

Project # 9077-041-0800	Lat/Log (Datum): N29-44-01.9 W92-21-38.3 (WGS 84)
Cond Log Date NA	TEMP WELL DATA Riser Stickup: NA
Core Sample Date 11/8/06	TD (BGS): NA Screened Interval (BGS): NA



Century GEOPHYSICAL CORP.

EWL BC-1

COMPANY : ICON
WELL : EWL BC-1
LOCATION/FIELD : EAST WHITE LAKE
COUNTY : VERMILION
LOCATION : VPSB
SECTION : 16

OTHER SERVICES:

NONE
NONE
1ST RUN

TOWNSHIP : 15S RANGE : 1E

DATE : 12/08/15
DEPTH DRILLER : 496'
LOG BOTTOM : 523.20
LOG TOP : 1.20

PERMANENT DATUM : NONE

KB : NONE
DF : NONE
GL : NONE

LOG MEASURED FROM: 10' AGS
DRL MEASURED FROM: TOC

CASING DIAMETER : 10.
CASING TYPE : 27 PPF
CASING THICKNESS: 0

LOGGING UNIT : VANN
FIELD OFFICE :
RECORDED BY : PMB/JS

BIT SIZE : 6-1/8"
MAGNETIC DECL. : 0
MATRIX DENSITY : 2.85
NEUTRON MATRIX : DOLOMITE

BOREHOLE FLUID : 0
RM : 0
RM TEMPERATURE : 75
MATRIX DELTA T : 44

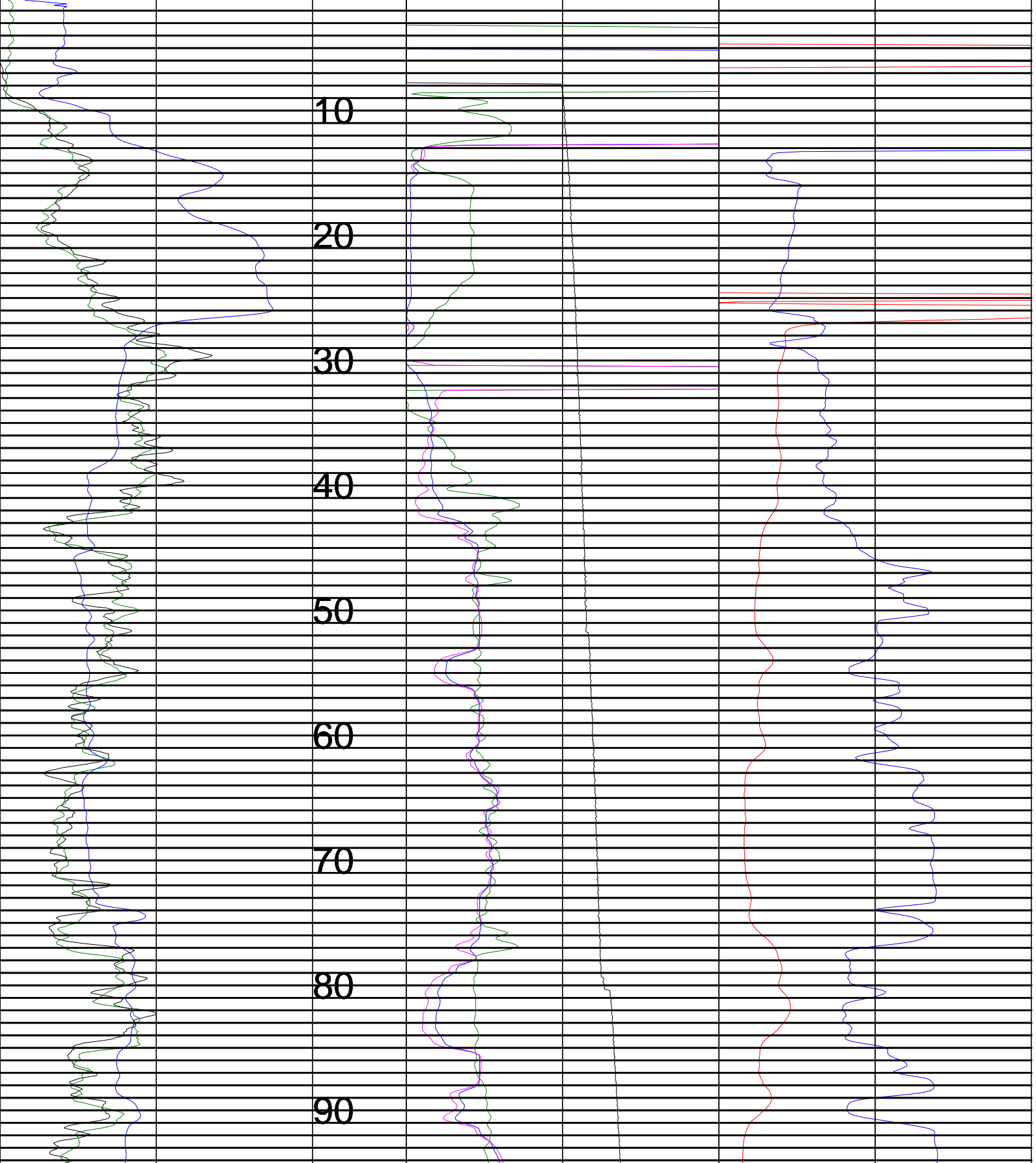
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TYPE : 8044A
LGDATE: 12/08/15

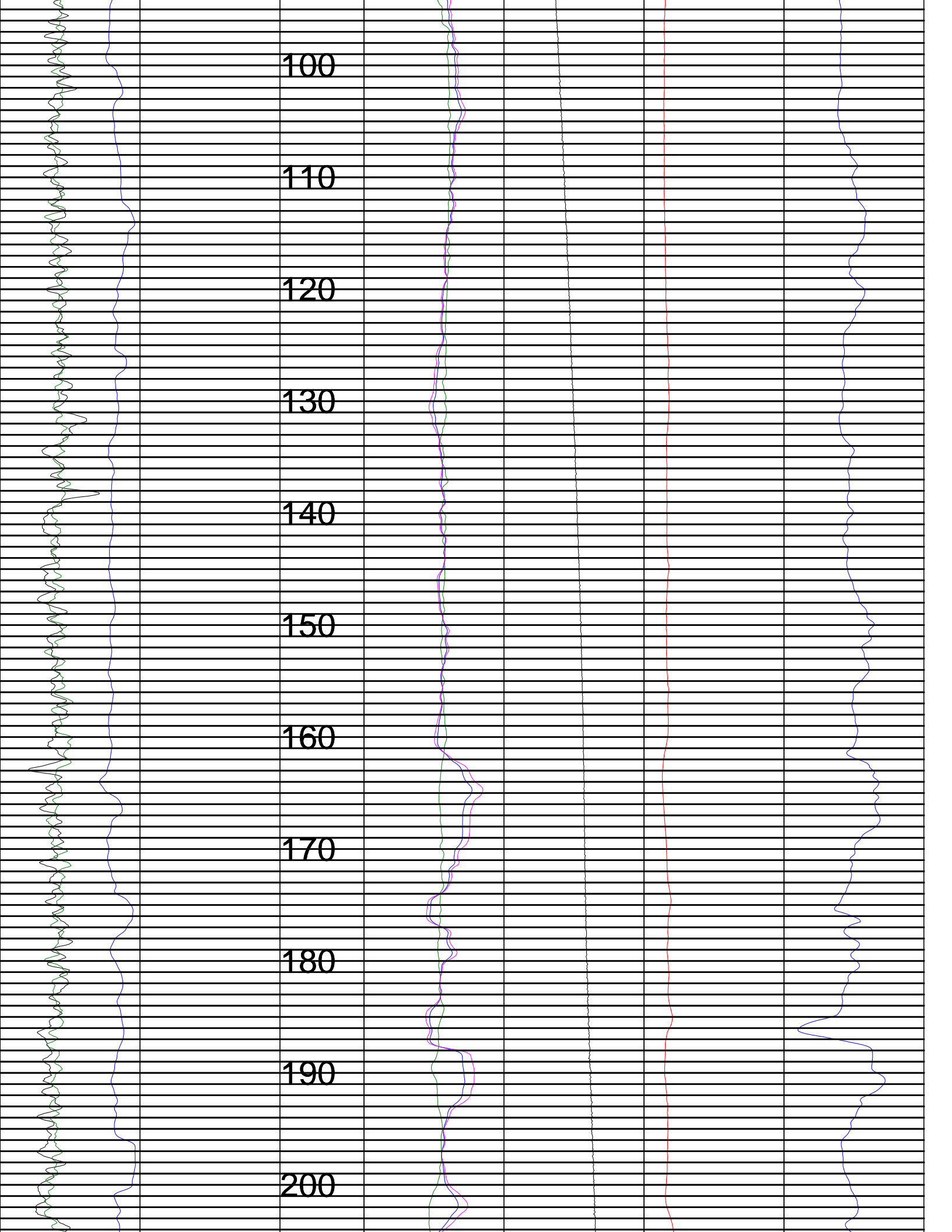
THRESH: 0

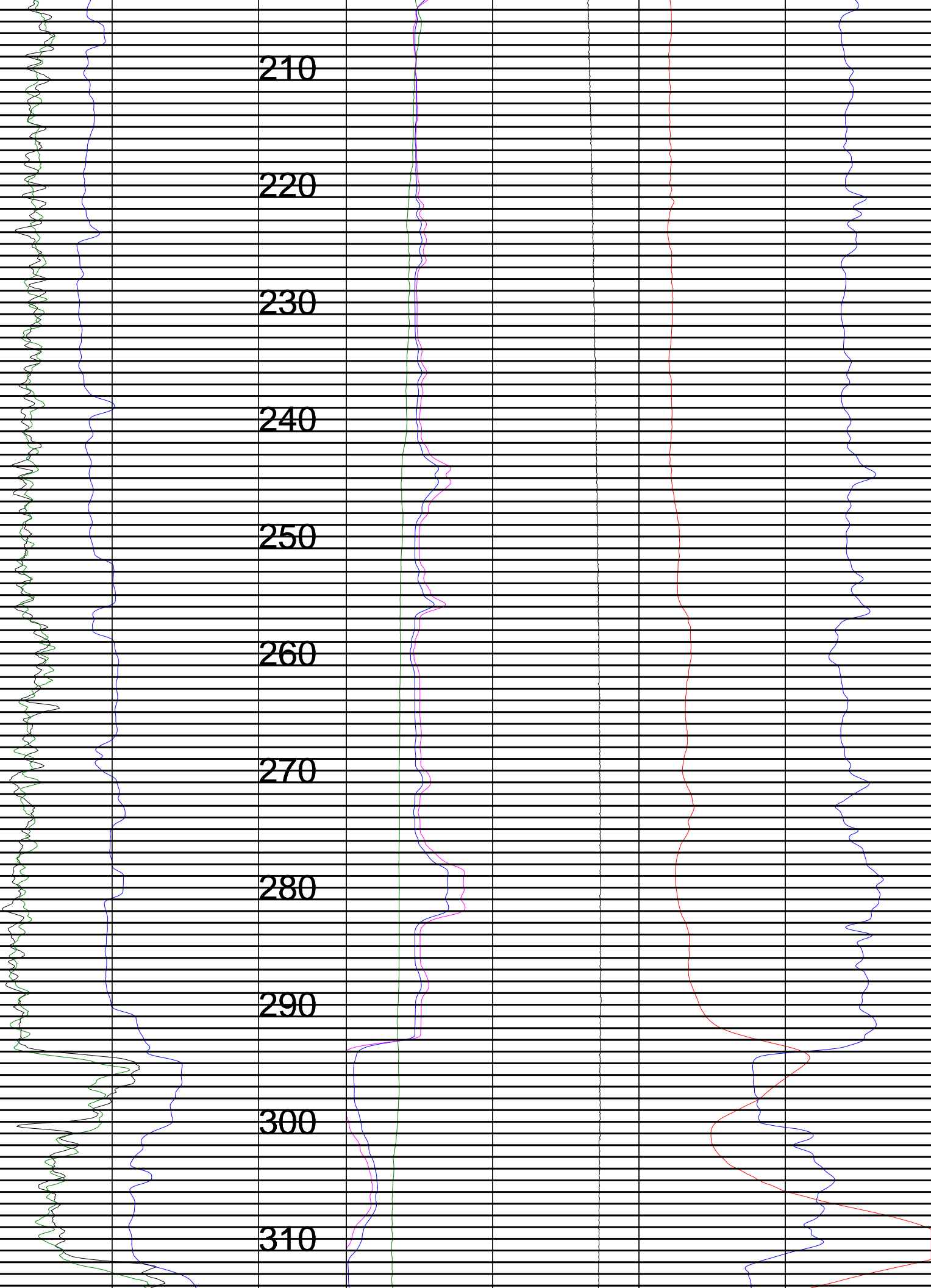
7FT/MIN
PEAKWELL

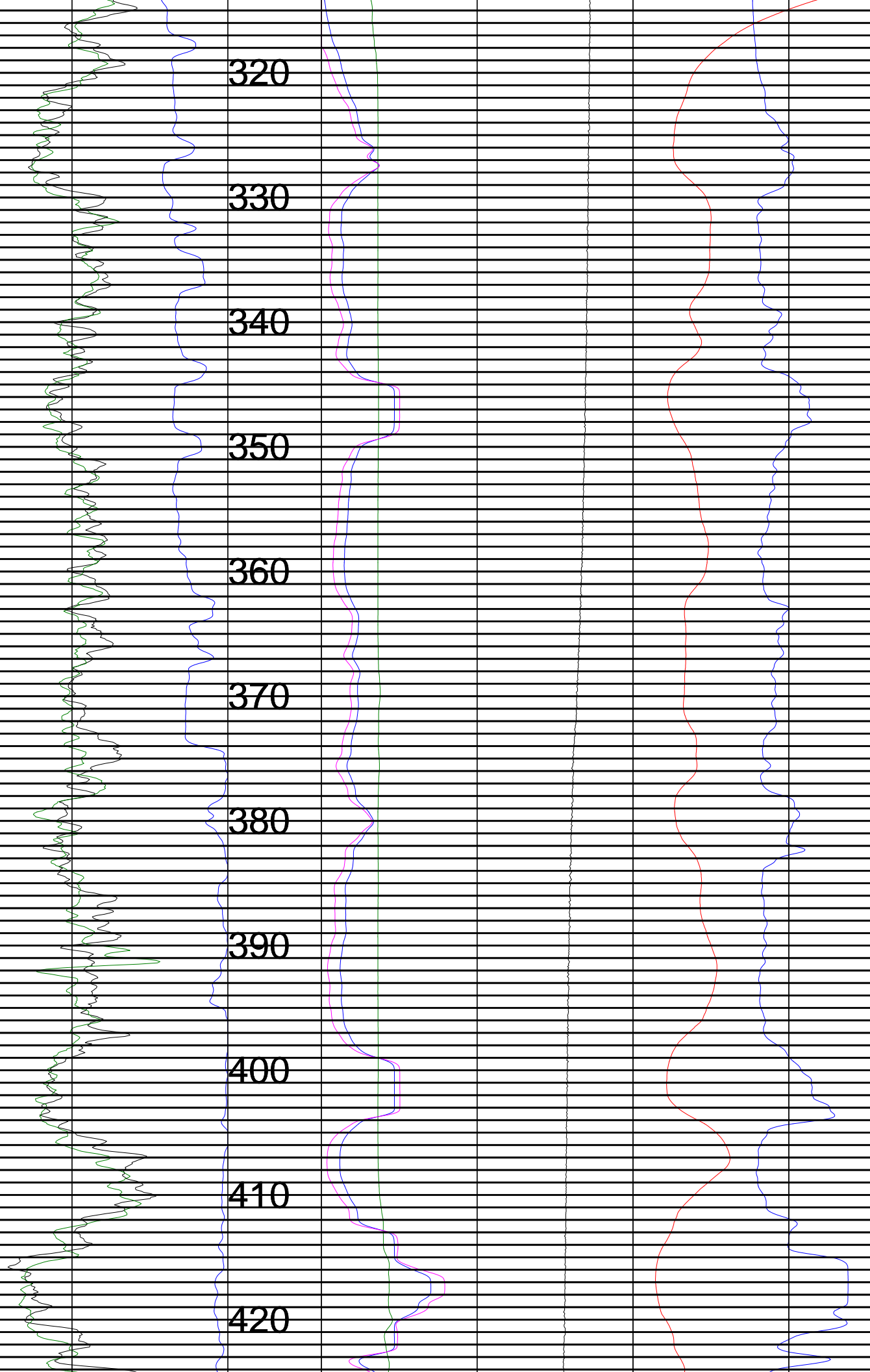
ALL SERVICES PROVIDED SUBJECT TO STANDARD TERMS AND CONDITIONS

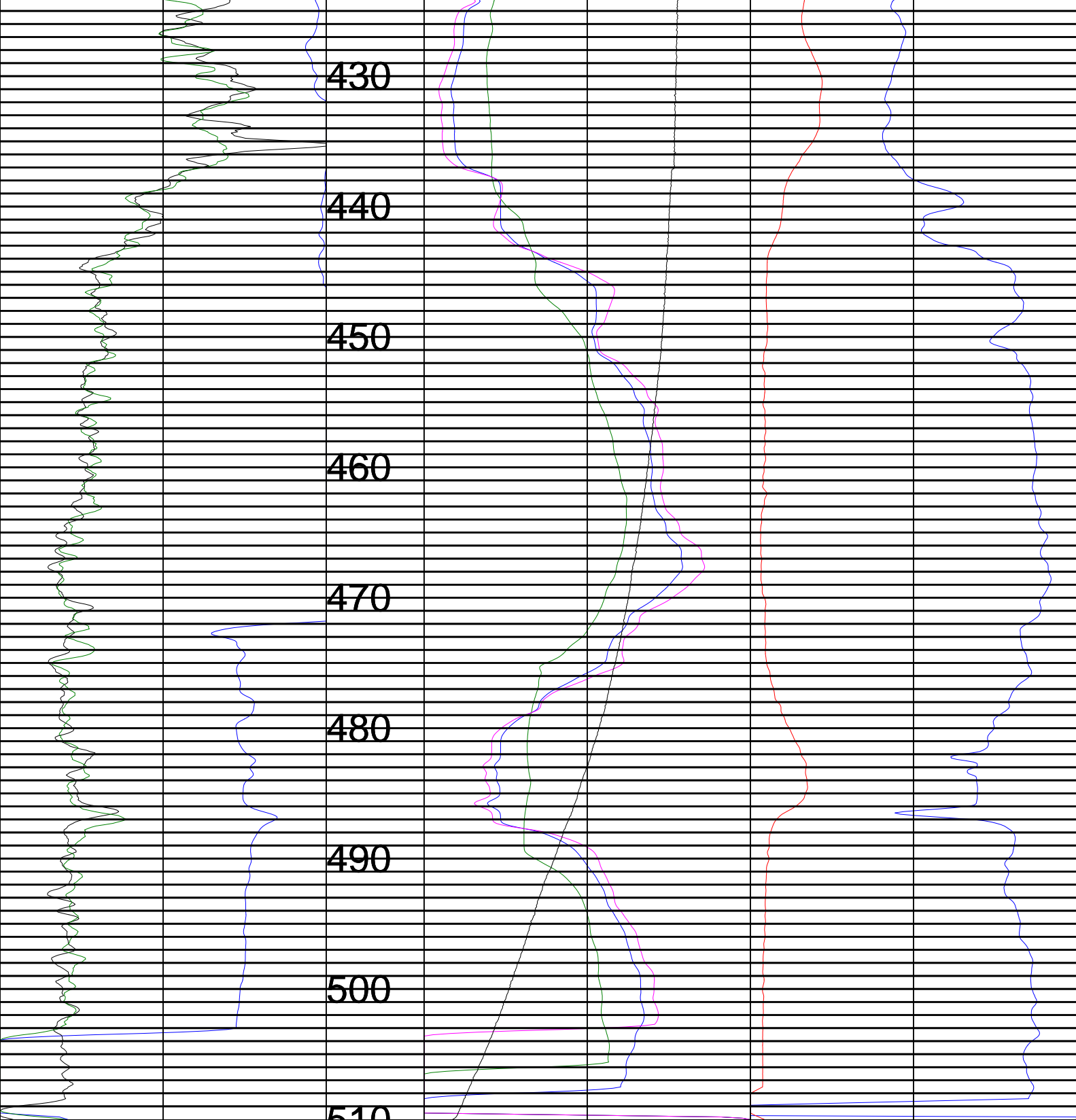
GAMMA		FEET	LATERAL		COND	
API-GR	200		OHM-M	500	MMHO/M	1000
SP			RES(64N)		RES	
MV		250	OHM-M		OHM	
GAMMA			TEMP			
CPS		200	75	DEG F	85	











430

440

450

460

470

480

490

500

510

0	CPS	200	75	DEG F	85		
	GAMMA			TEMP			
0	MV	250	0	OHM-M	500	OHM	50
	SP			RES(64N)		RES	
0	API-GR	200	0	OHM-M	500	MMHO/M	1000
	GAMMA	FEET		LATERAL		COND	



Century GEOPHYSICAL CORP.

EWL MC-1

COMPANY : ICON
WELL : EWL MC-1
LOCATION/FIELD : EAST WHITE LAKE
COUNTY : VERMILION
LOCATION : VPSB
SECTION : 16

OTHER SERVICES:

NONE
NONE
1ST RUN

TOWNSHIP : 15S RANGE : 1E

DATE : 11/19/15
DEPTH DRILLER : 200'
LOG BOTTOM : 207.40
LOG TOP : 0.90

PERMANENT DATUM : NONE

KB : NONE
DF : NONE
GL : NONE

CASING DIAMETER : 10.
CASING TYPE : 27 PPF
CASING THICKNESS: 0

LOGGING UNIT : VANN
FIELD OFFICE :
RECORDED BY : PMB

BIT SIZE : 7-7/8"
MAGNETIC DECL. : 0
MATRIX DENSITY : 2.85
NEUTRON MATRIX : DOLOMITE

BOREHOLE FLUID : 0
RM : 0
RM TEMPERATURE : 75
MATRIX DELTA T : 44

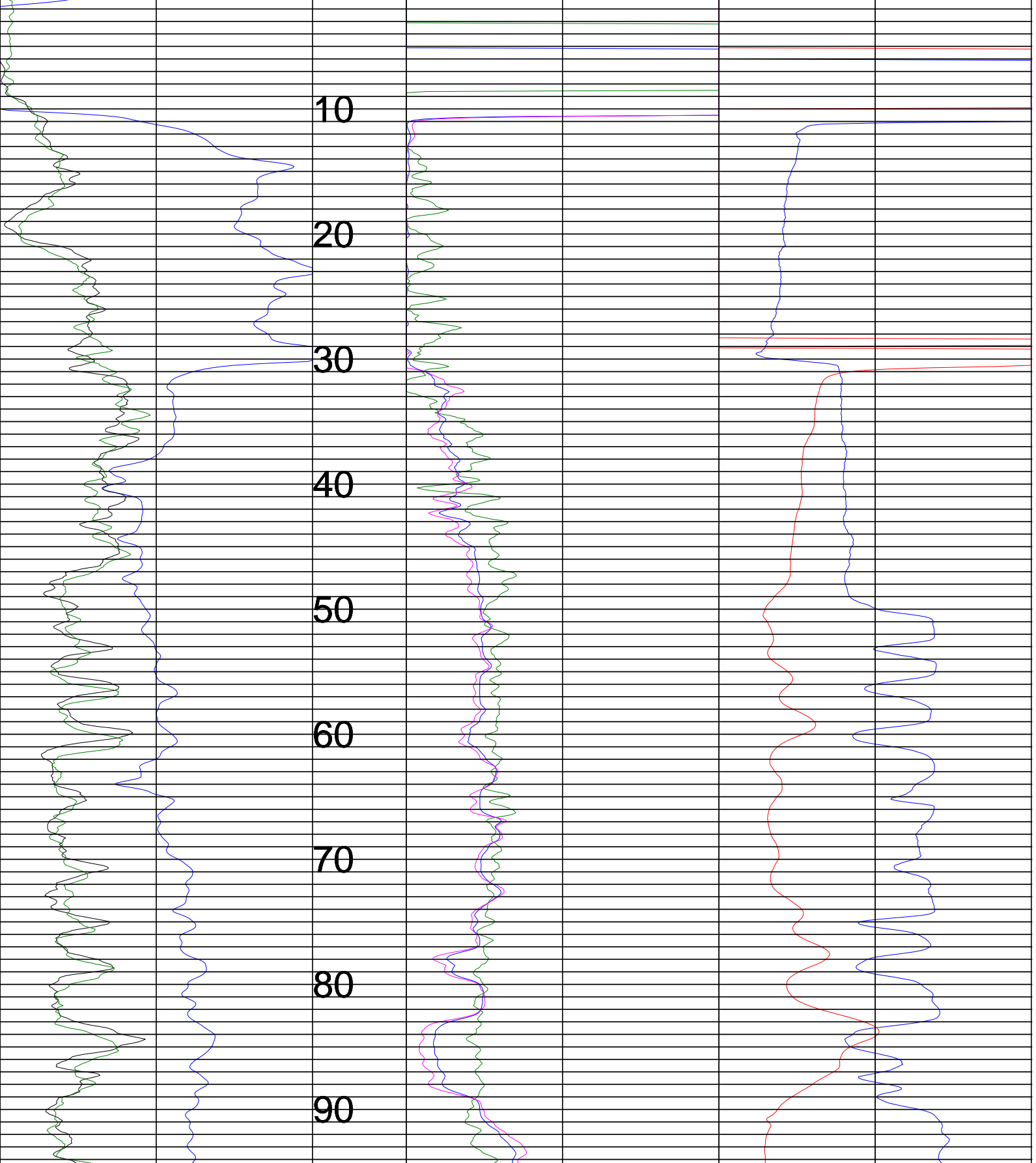
FILE : PROCESSED
TYPE : 8044A
LGDATE: 11/19/15

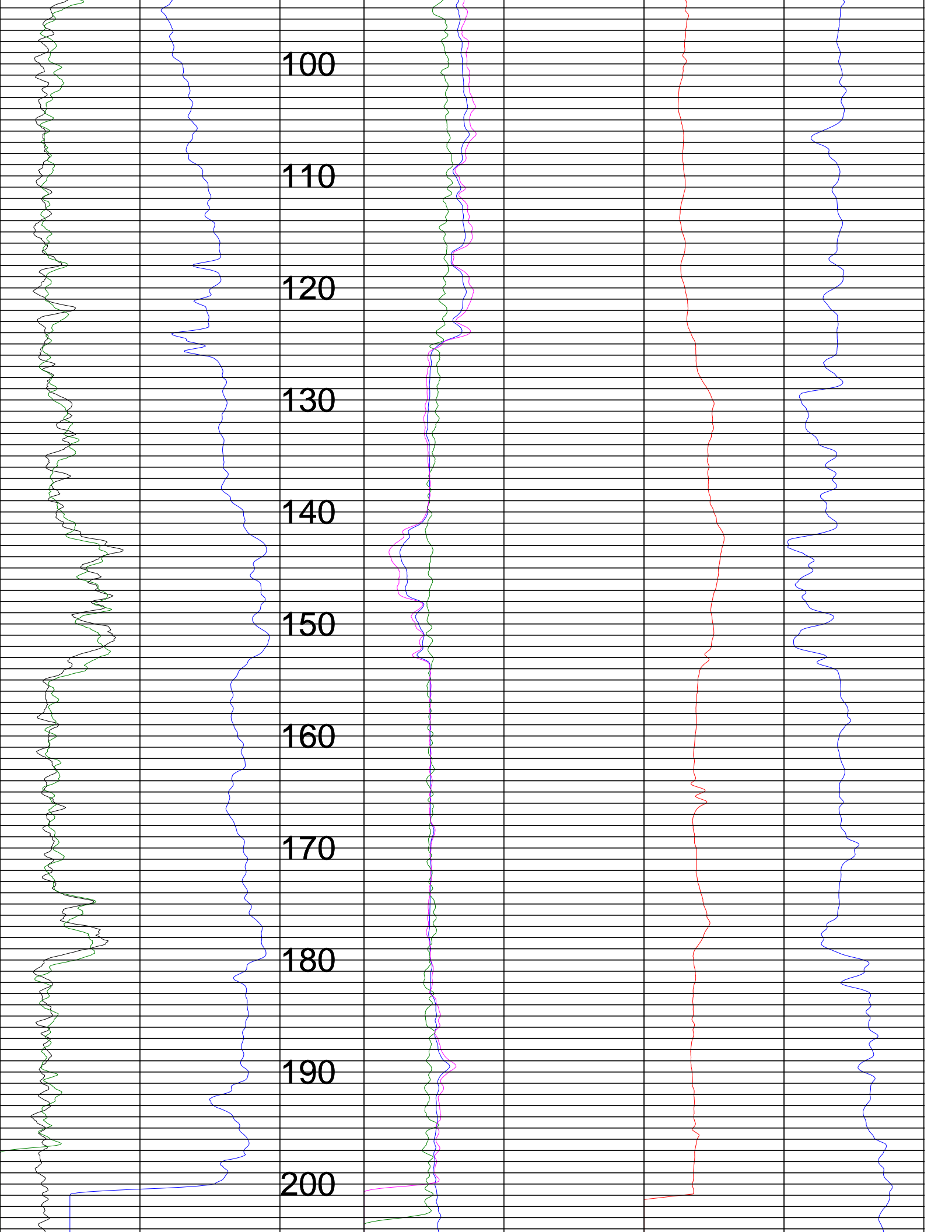
THRESH: 0

7FT/MIN
NONE

ALL SERVICES PROVIDED SUBJECT TO STANDARD TERMS AND CONDITIONS

GAMMA		FEET	LATERAL		COND	
0	API-GR 200		0	OHM-M 500	MMHO/M	500
SP		-50	RES(64N)		RES	
0	MV 150		0	OHM-M 500	OHM	50
GAMMA		0	RES(16N)			
0	CPS 200		0	OHM-M 50		





0	CPS	200	FEET	0	OHM-M	50			
	GAMMA					RES(16N)			
-50	MV	150			0	OHM-M	500	OHM	50
	SP					RES(64N)		RES	
0	API-GR	200			0	OHM-M	500	MMHO/M	500
	GAMMA					LATERAL		COND	



Century GEOPHYSICAL CORP.

EWL TBA-1D

COMPANY : ICON
WELL : EWL TBA-1D
LOCATION/FIELD : EAST WHITE LAKE
COUNTY : VERMILION
LOCATION : VPSB
SECTION : 16

OTHER SERVICES:

NONE
NONE
1ST RUN

TOWNSHIP : 15S RANGE : 1E

DATE : 12/17/15
DEPTH DRILLER : 100'
LOG BOTTOM : 99.30
LOG TOP : 1.00

PERMANENT DATUM : NONE

KB : NONE
DF : NONE
GL : NONE

CASING DIAMETER : 10.
CASING TYPE : 27 PPF
CASING THICKNESS: 0

LOGGING UNIT : VANN
FIELD OFFICE :
RECORDED BY : PMB/JS

BIT SIZE : 6-1/8"
MAGNETIC DECL. : 0
MATRIX DENSITY : 2.85
NEUTRON MATRIX : DOLOMITE

BOREHOLE FLUID : 0
RM : 0
RM TEMPERATURE : 75
MATRIX DELTA T : 44

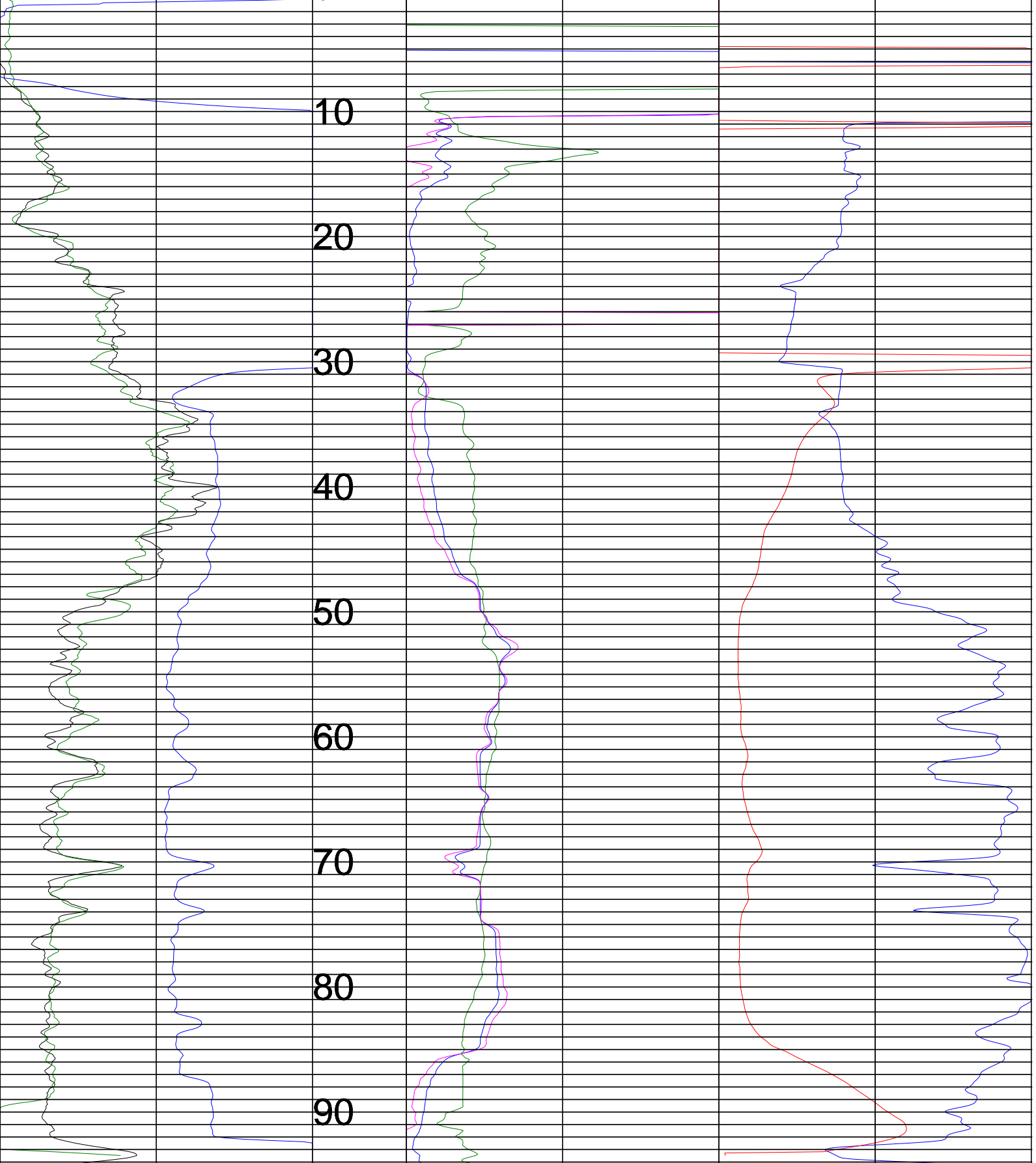
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TYPE : 8044A
LGDATE: 12/17/15

THRESH: 0

7FT/MIN
PEAKWELL

ALL SERVICES PROVIDED SUBJECT TO STANDARD TERMS AND CONDITIONS

GAMMA		FEET	LATERAL		COND	
API-GR	200		OHM-M	500	MMHO/M	1000
SP			RES(64N)		RES	
MV		-50	OHM-M		OHM	
GAMMA			RES(16N)			
CPS		200	OHM-M		50	



0	CPS	200	100	0	OHM-M	50			
	GAMMA					RES(16N)			
-200	MV	-50			0	OHM-M	500	OHM	50
	SP					RES(64N)		RES	
0	API-GR	200			0	OHM-M	500	MMHO/M	1000
	GAMMA		FEET		LATERAL		COND		



Century GEOPHYSICAL CORP.

EWL TBB-1D

COMPANY : ICON
 WELL : EWL TBB-1D
 LOCATION/FIELD : EAST WHITE LAKE
 COUNTY : VERMILION
 LOCATION : VPSB
 SECTION : 16

OTHER SERVICES:
 NONE
 NONE
 1ST RUN

TOWNSHIP : 15S RANGE : 1E

DATE : 11/24/15
 DEPTH DRILLER : 200'
 LOG BOTTOM : 107.20
 LOG TOP : 0.60

PERMANENT DATUM : NONE

KB : NONE
 DF : NONE
 GL : NONE

LOG MEASURED FROM: 10' AGS
 DRL MEASURED FROM: TOC

CASING DIAMETER : 10.
 CASING TYPE : 27 PPF
 CASING THICKNESS: 0

LOGGING UNIT : VANN
 FIELD OFFICE :
 RECORDED BY : PMB

BIT SIZE : 7-7/8"
 MAGNETIC DECL. : 0
 MATRIX DENSITY : 2.85
 NEUTRON MATRIX : DOLOMITE

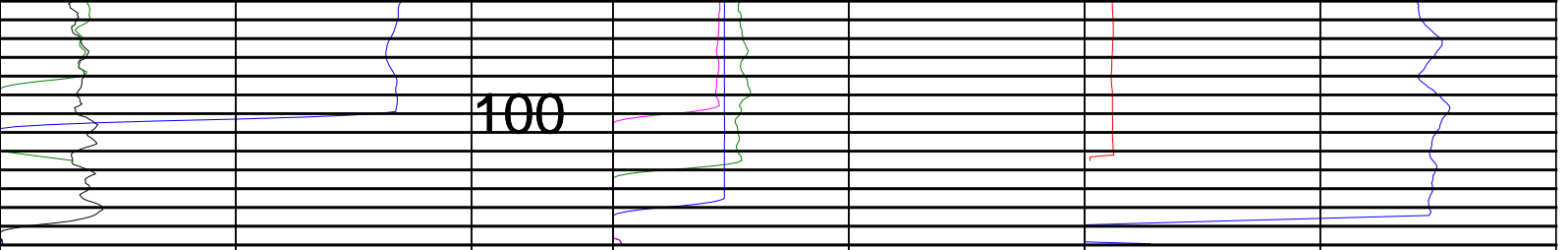
BOREHOLE FLUID : 0
 RM : 0
 RM TEMPERATURE : 75
 MATRIX DELTA T : 44

FILE : ORIGINAL
 TYPE : 8044A
 LGDATE: 11/24/15

THRESH: 0

7FT/MIN
 S. TANK BATTERYB

ALL SERVICES PROVIDED SUBJECT TO STANDARD TERMS AND CONDITIONS



0	CPS	200	FEET	0	OHM-M	50		
	GAMMA				RES(16N)			
0	MV	150		0	OHM-M	500	OHM	25
	SP				RES(64N)		RES	
0	API-GR	200		0	OHM-M	500	MMHO/M	1500
	GAMMA			LATERAL		COND		



Century GEOPHYSICAL CORP.

EWL TBB-2

COMPANY : ICON
 WELL : EWL TBB-2
 LOCATION/FIELD : EAST WHITE LAKE
 COUNTY : VERMILION
 LOCATION : VPSB
 SECTION : 16

OTHER SERVICES:
 NONE
 NONE
 1ST RUN

TOWNSHIP : 15S RANGE : 1E

DATE : 11/30/15
 DEPTH DRILLER : 94'
 LOG BOTTOM : 106.80
 LOG TOP : 1.00

PERMANENT DATUM : 8' AGS
 LOG MEASURED FROM: RKB
 DRL MEASURED FROM: RKB

KB : NONE
 DF : NONE
 GL : NONE

CASING DIAMETER : 10.
 CASING TYPE : 27 PPF
 CASING THICKNESS: 0

LOGGING UNIT : VANN
 FIELD OFFICE :
 RECORDED BY : PMB

BIT SIZE : 6-1/8"
 MAGNETIC DECL. : 0
 MATRIX DENSITY : 2.85
 NEUTRON MATRIX : DOLOMITE

BOREHOLE FLUID : 0
 RM : 0
 RM TEMPERATURE : 75
 MATRIX DELTA T : 44

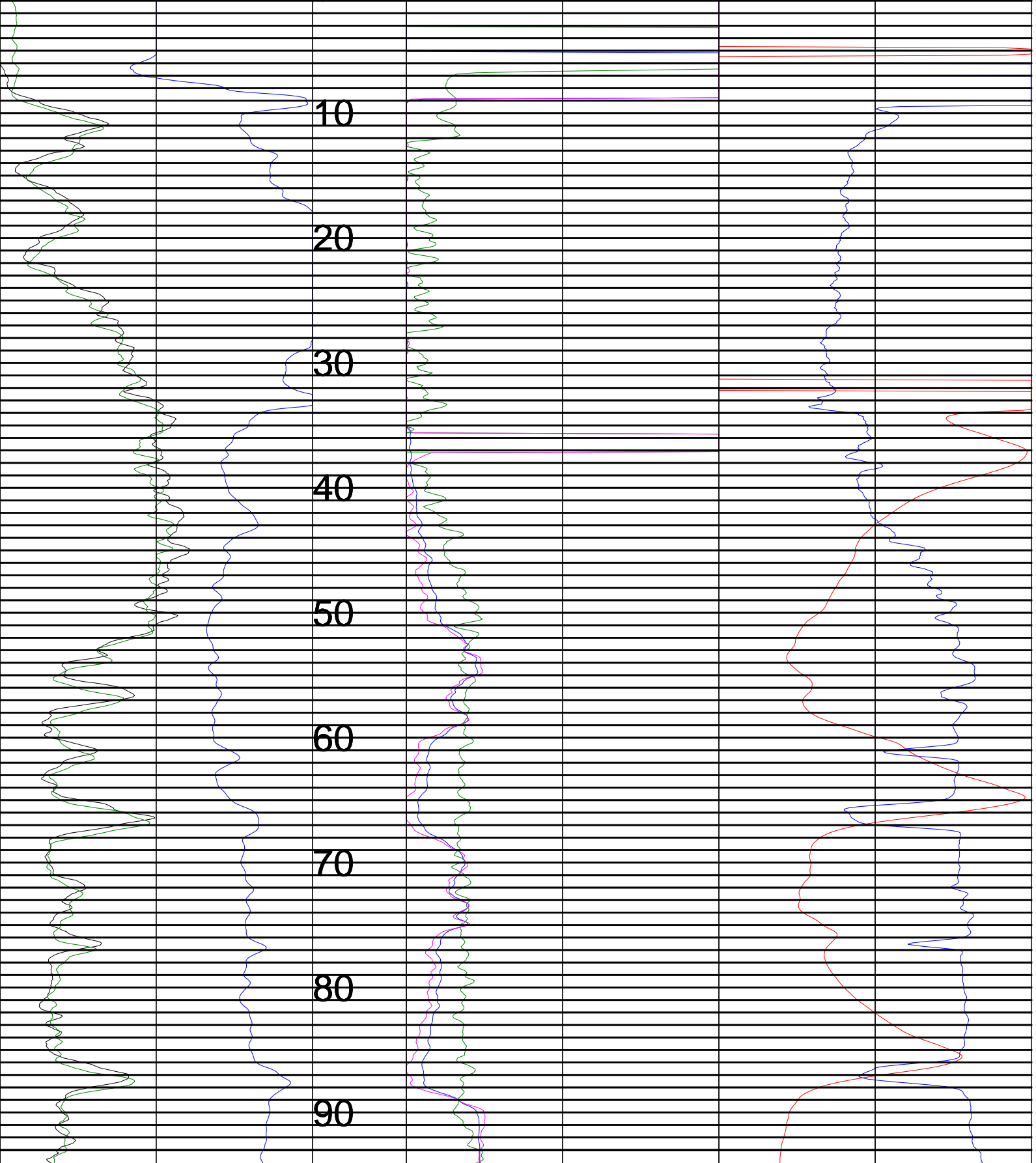
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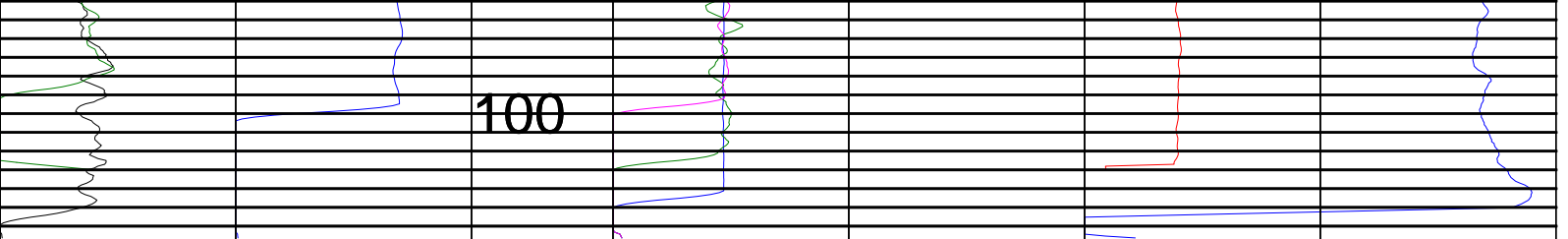
THRESH: 0

7FT/MIN
 NONE

ALL SERVICES PROVIDED SUBJECT TO STANDARD TERMS AND CONDITIONS

	GAMMA		FEET		LATERAL		COND	
0	API-GR	200		0	OHM-M	500	MMHO/M	500
	SP				RES(64N)		RES	
-100	MV	100		0	OHM-M	500	OHM	25
	GAMMA				RES(16N)			
0	CPS	200	0	0	OHM-M	50		





0	CPS	200	0	OHM-M	50		
	GAMMA			RES(16N)			
-100	MV	100	0	OHM-M	500	OHM	25
	SP			RES(64N)		RES	
0	API-GR	200	0	OHM-M	500	MMHO/M	500
	GAMMA			LATERAL		COND	
			FEET				



Century GEOPHYSICAL CORP.

EWL TBB-3D

COMPANY : ICON
WELL : EWL TBB-3D
LOCATION/FIELD : EAST WHITE LAKE
COUNTY : VERMILION
LOCATION : VPSB
SECTION : 16

OTHER SERVICES:

NONE
NONE
1ST RUN

TOWNSHIP : 15S RANGE : 1E

DATE : 12/04/15
DEPTH DRILLER : 100'
LOG BOTTOM : 105.80
LOG TOP : 0.70

PERMANENT DATUM : NONE

KB : NONE
DF : NONE
GL : NONE

LOG MEASURED FROM: 10' AGS
DRL MEASURED FROM: TOL

CASING DIAMETER : 10.
CASING TYPE : 27 PPF
CASING THICKNESS: 0

LOGGING UNIT : VANN
FIELD OFFICE :
RECORDED BY : PMB/JS

BIT SIZE : 6-1/8"
MAGNETIC DECL. : 0
MATRIX DENSITY : 2.85
NEUTRON MATRIX : DOLOMITE

BOREHOLE FLUID : 0
RM : 0
RM TEMPERATURE : 75
MATRIX DELTA T : 44

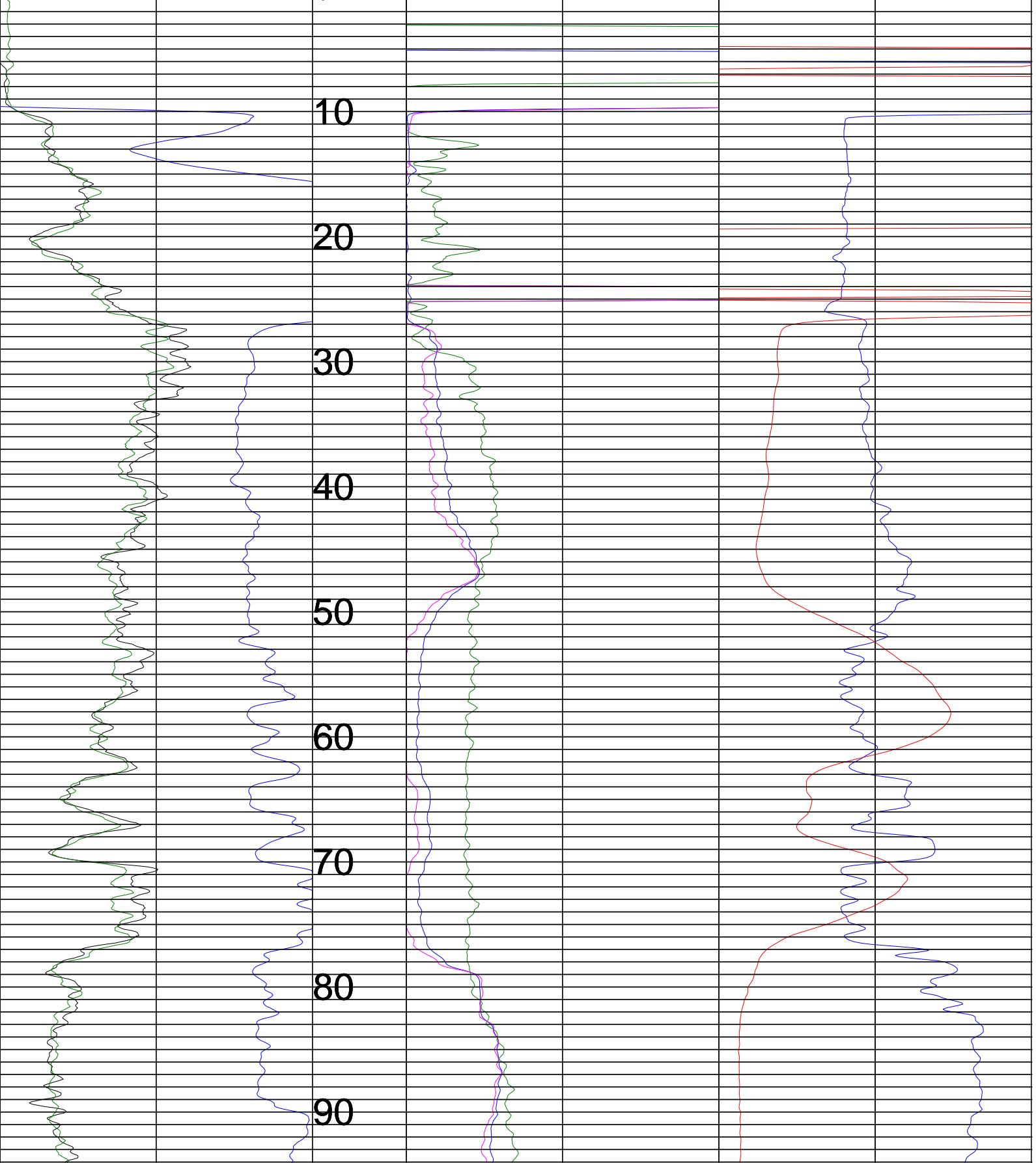
FILE : PROCESSED
TYPE : 8044A
LGDATE: 12/04/15

THRESH: 0

7FT/MIN
NONE

ALL SERVICES PROVIDED SUBJECT TO STANDARD TERMS AND CONDITIONS

GAMMA		FEET	LATERAL		COND	
API-GR	200		OHM-M	500	MMHO/M	1000
SP			RES(64N)		RES	
-25	MV	75	OHM-M	500	OHM	50
GAMMA			RES(16N)			
0	CPS	200	OHM-M	50		





100

0	CPS	200	0	OHM-M	50		
	GAMMA			RES(16N)			
-25	MV	75	0	OHM-M	500	OHM	50
	SP			RES(64N)		RES	
0	API-GR	200	0	OHM-M	500	MMHO/M	1000
	GAMMA			LATERAL		COND	
		FEET					