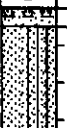




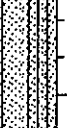
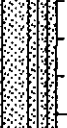


Dc53-101

Project: Motiva Boring Logs DCR Project Location: Delaware City, DE Project Number:	Dc53-101
Log of GWSB 1Q Sheet 1 of 2	

Date(s) Drilled	10/21/2002	Logged By	Vince Piazza	Checked By	Vince Piazza
Drilling Method	Auger	Drill Bit Size/Type		Total Depth of Borehole	109.0 feet
Drill Rig Type		Drilling Contractor	Walton Corporation	Surface Elevation	31.53
Groundwater Level(s)	Not Measured	Sampling Method(s)		Hammer Data	
Location	Delaware City Refinery	Borehole Completion	Cement & Bentonite		

Elevation, feet	Depth, feet	SAMPLES			Graphic Log	MATERIAL DESCRIPTION	FIELD NOTES
		Core Interval Lab Samples	Lab ID Number	Headspace H ₂ Nu, ppm			
0	0					Topsoil orange-brown, fine to medium SAND and SILT with interbedded SILT, CLAY and GRAVEL layers	
-20	10						
-40	20						
-60	30						
-80	40						
-100	50						
-120	60						

MOTIVA_MOTIVA_SB2002_04A.GPJ FAGWGN01.GDT 11/28/06



Project: Motiva Boring Logs DCR
 Project Location: Delaware City, DE
 Project Number:

Log of GWSB 1Q
 Sheet 2 of 2

Elevation, feet	Depth, feet	SAMPLES			MATERIAL DESCRIPTION	FIELD NOTES
		Core Interval Lab Samples	Lab ID Number	Headspace H ₂ N ₂ , ppm		
-40	70				orange-brown, fine to medium SAND and SILT with interbedded SILT, CLAY and GRAVEL layers	
-60	90					
-80	110				gray to red, stiff CLAY	Potomac Fm (105.0')
-100	130					
-140	140					

MOTIVA MOTIVA_S82002_04A.GPJ FAGWGN01.GDT 11/28/06