



FIELD BOREHOLE LOG

BOREHOLE NO.: MW-221

TOTAL DEPTH: 86 ft.

PROJECT INFORMATION

PROJECT: Dunn Field Fluvial SVE
 PROJECT NO.: 3202-031
 SITE LOCATION: DF
 PROJECT MANAGER: T. Holmes
 FIELD STAFF: J. Anstaett
 BOREHOLE STARTED: 5/2/07 15:00
 BOREHOLE FINISHED: 5/2/07 17:00

DRILLING INFORMATION

DRILLING CO.: Prosonic
 DRILLER: J. Asua
 DRILLING METHOD/RIG: Sonic
 BOREHOLE DIAMETER: 6-in.
 GROUND SURFACE ELEVATION: 298.37 (ft, msl)
 WATER DEPTH/ DATE: 79.53 -ft. toc -5/9/07
 BOREHOLE USE: Monitoring Well

NOTES: Well completed above grade with 3.15 ft. stick up.

Depth	Soil Symbol	Soil Description	Well Completion	Well Description
		Topsoil grass and root zone.		Grouted Annulus
	CL	Silty clay - dark yellowish brown 10YR (3/4), medium plasticity, soft, moist.		
10				
	CL	Silty clay - yellowish brown 10YR (5/6), low plasticity, hard, moist.		
20				
	CH	Silty clay - strong brown 7.5YR (4/6), medium plasticity, soft, moist.		
	CL	Sandy clay - dark red 10R (3/6), medium plasticity, soft, gray mottling, fine grained sand, moist.		
30				

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Depth	Soil Symbol	Soil Description	Well Completion	Well Description
		SP Clayey sand - red 10R (4/6), fine grained sand, poorly graded, moist.		
40		SP Silty sand - red 10R (4/6), fine grained with trace medium to coarse grained sand, poorly graded, moist.		
50		SP Silty sand - red 10R (4/6), fine grained sand trace medium to coarse, poorly graded, moist.		
		SP Silty sand - pale yellow 2.5Y (8/4), fine grained sand poorly graded, dry.		
60		SW Gravely sand - olive yellow 2.5Y (6/6), fine to coarse grained sand, sub-rounded to sub-angular gravel, well graded, moist.		

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Depth	Soil Symbol	Soil Description	Well Completion	Well Description
				Bentonite Plug
		SP Silty sand - yellow 2.5Y (7/8), fine grained sand with trace medium to coarse grained, poorly graded, dry.		
		SP Silty sand - yellow 10YR (7/8), fine to coarse grained sand, poorly graded, dry.		Sand Pack
70				Screened Interval
		SW Sand - yellowish red 5YR (5/8), fine to medium grained sand with trace coarse grained sand, well graded, wet.		
80		CL Silty clay - dark gray 2.5Y (4/1), medium plasticity, hard moist.		
		End of Log		
90				

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