



# FIELD BOREHOLE LOG

BOREHOLE NO.: MW-223

TOTAL DEPTH: 96 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: 4/30/07 12:20  
 BOREHOLE FINISHED: 5/1/07 07:45

## DRILLING INFORMATION

DRILLING CO.: Prosonic  
 DRILLER: J. Asua  
 DRILLING METHOD/RIG: Sonic  
 BOREHOLE DIAMETER: 6-in.  
 GROUND SURFACE ELEVATION: 300.41 (ft, msl)  
 WATER DEPTH/ DATE: 78.90 -ft. toc - 5/8/07  
 BOREHOLE USE: Monitoring Well

NOTES: Well completed above grade with 2.59 ft. stick up.

Depth	Soil Symbol	Soil Description	Well Completion	Well Description
		Grass and roots.		
	CL	Silty clay - dark yellowish brown 10YR (3/4), medium plasticity, soft, moist.		Grouted Annulus
10	CL	Silty clay - strong brown 7.5YR (4/6), medium plasticity, soft, moist.		
20	CL	Sandy clay - red 2.5YR (4/6), low plasticity, hard, moist.		
30	CL	Sandy clay - red 2.5YR (4/8), gray mottling, fine grained sand, low plasticity, hard, moist.		

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Depth	Soil Symbol	Soil Description	Well Completion	Well Description
		<b>SP</b> Clayey sand - yellowish red 5YR (5/8), fine grained sand, poorly graded, moist.		
40		<b>SP</b> Silty sand - yellowish red 5YR (5/8), fine grained sand, poorly graded, dry.		
50		<b>SP</b> Silty sand - reddish yellow 5YR (6/8), fine grained sand, poorly graded, dry.		
		<b>SP</b> Sand - reddish brown 5YR (4/4), fine to coarse grained sand, poorly graded, moist.		
		<b>SW</b> Gravely sand - yellowish red 5YR (5/8), fine to coarse grained sand, sub-rounded to rounded gravel, well graded, dry.		
60				

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Depth	Soil Symbol	Soil Description	Well Completion	Well Description
		<b>SP</b> Silty sand - yellow 10YR (7/8), fine grained sand with few coarse grained sand, poorly graded, dry.		Bentonite Plug
		<b>SP</b> Silty sand - yellowish red 5YR (5/8), fine grained sand, poorly graded, dry.		Sand Pack
70				Screened Interval
		<b>SP</b> Silty sand - reddish yellow 7.5YR (7/6), fine grained sand with trace medium to coarse grained sand, poorly graded, wet.		76.31 - ft. bgs.
80		<b>CH</b> Clay - weak red 10R (5/4), medium plasticity, soft, moist.		
		<b>SW</b> Gravely sand - reddish yellow 7.5YR (6/6), fine to coarse grained sand, sub-rounded to rounded, well graded, wet.		
		<b>CH</b> Silty clay - dark gray 2.5Y (4/1), medium plasticity, hard, moist.		
90				

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