



FIELD BOREHOLE LOG

BOREHOLE NO.: MW-265

TOTAL DEPTH (FT BGS): 107

PROJECT INFORMATION

PROJECT: SRI Phase I

PROJECT NO.: 235772

SITE LOCATION: DDMT, Main Installation

PROJECT MANAGER: T. Holmes

FIELD STAFF: Sam Gillet

BOREHOLE STARTED: 5/11/2015

BOREHOLE FINISHED: 5/11/2015

DRILLING INFORMATION

DRILLING CO.: Cascade Drilling, L.P.

DRILLER: Larry Yancey

DRILLING METHOD/RIG: ProSonic SR-120

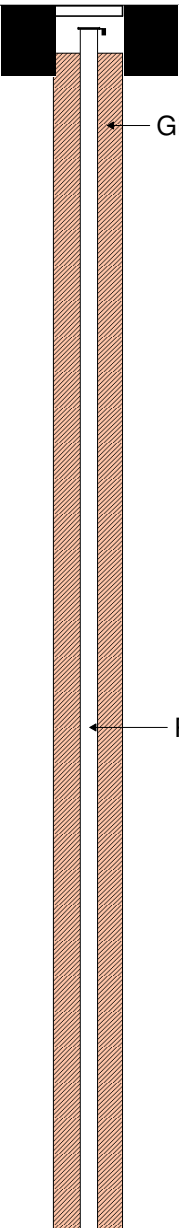
BOREHOLE DIAMETER: 6 in.

GROUND SURFACE ELEVATION (FT MSL): 305.61

WATER DEPTH/ DATE: 75.68 ft. btoc on 5/19/15

BOREHOLE USE: Monitoring Well

NOTES: PID readings collected at 10 foot intervals beginning at 5 ft. bgs; all readings were 0 parts per million (ppm). 150 gallons of potable water used during drilling. Boring backfilled with bentonite from 97 to 107 ft. bgs prior to well installation. Well installed 5/12, well developed 5/14 and well pad constructed 5/15.

Depth (ft, bgs)	Soil Symbol	Soil Description	Well Completion	Observations
0	GW	Clayey gravel fill material.		0 ppm
10	CL	Silty clay. Brown. Moist.		0 ppm
20				0 ppm
30	CL	Silty clay with some fine sand. Reddish brown.		0 ppm
35	ML	Sandy silt. Sand is fine. Reddish brown. Moist.		0 ppm
40	SP	Silty fine sand. Red and tan mottles. Moist.		0 ppm
45	SW	Fine to coarse sand. Red. Moist.		0 ppm
50	SP	Fine to medium sand. Red. Moist.		0 ppm
55	SP	Fine to medium sand with trace fine gravel. Orange tan. Dry.		0 ppm
60				0 ppm

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Depth	Soil Symbol	Soil Description	Well Completion	Observations
		SW Fine to medium sand with some gravel. Orange brown. Moist.		
		SP Medium sand with trace fine gravel. Red. Moist.		0 ppm
		SP Fine sand with trace fine gravel. Red. Moist.		
60		SW Fine to coarse sand with gravelly interbeds. Gravel is fine with trace coarse. Tan brown. Wet.		
		SP Medium to coarse sand. Light yellowish tan. Wet.		0 ppm
70		No Recovery		
		SP Medium to coarse sand. Light yellowish tan. Wet.		
80		SG Gravelly fine to medium sand. Gravel is fine to coarse. Brown. Wet.		
		SP Fine to medium sand with trace fine gravel. Yellowish tan. Wet.		0 ppm
90		GW Sandy gravel. Gravel grades from fine to coarse (coarsening downward). Orange to yellowish tan.		
		CL Very dense Clay. Interbedded gray and orange-brown.		0 ppm
100				

The well completion diagram shows a vertical borehole with various components labeled. From top to bottom: a brown section representing the upper soil; a blue arrow pointing down at 75.68 ft. labeled 'btoc'; a gray section labeled 'BENTONITE'; a yellow section labeled 'SAND PACK'; a section with horizontal lines labeled 'SCREEN'; a section labeled 'END CAP'; and a bottom section labeled 'BENTONITE PLUG'.

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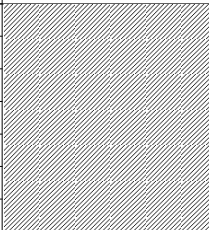
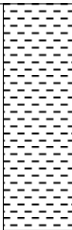
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Depth	Soil Symbol	Soil Description	Well Completion	Observations
		CL Clay. Gray.		0 ppm
110		End of Log		
120				
130				
140				
150				

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