



FIELD BOREHOLE LOG

BOREHOLE NO.: MW-269

TOTAL DEPTH (FT BGS): 115

PROJECT INFORMATION

PROJECT: DDMT SRI

PROJECT NO.: 235772

SITE LOCATION: DDMT, Main Installation

PROJECT MANAGER: T. Holmes

FIELD STAFF: J. Bills

BOREHOLE STARTED: 07/16/15

BOREHOLE FINISHED: 07/17/15

DRILLING INFORMATION

DRILLING CO.: Cascade Drilling, L.P.

DRILLER: M. Hansen

DRILLING METHOD/RIG: Sonic

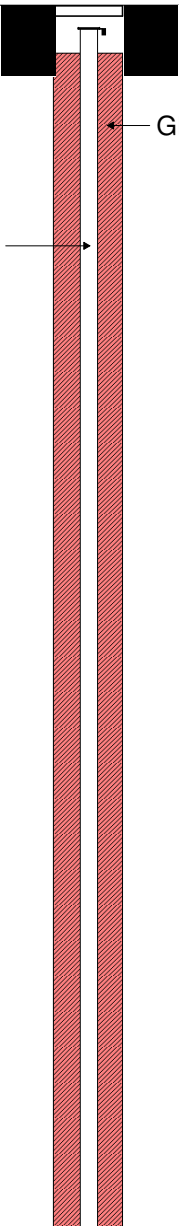
BOREHOLE DIAMETER: 6"

GROUND SURFACE ELEVATION (FT MSL): 290.5

WATER DEPTH/ DATE: 81.76 ft. btoc on 07/24/15

BOREHOLE USE: Monitoring Well

NOTES: PID readings collected at 5-foot intervals beginning at 5 ft, bgs; all readings were 0 ppm. Boring backfilled with bentonite from 92 to 115 ft, bgs prior to well installation. 300 gallons of potable water used during drilling. Well installed 7/17, well developed 7/24 and well pad constructed 7/27/15.

Depth (ft, bgs)	Soil Symbol	Soil Description	Well Completion	Observations
10	CL	Silty clay. Brown (7.5YR 4/4). Moist. Medium dense.		0 ppm
				0 ppm
20	CL	Silty clay. Reddish brown (5YR 4/4). Moist. Dense. Trace gravel.		0 ppm
				0 ppm
30	CL SP	Sandy clay. Reddish brown (5YR 4/4). Moist. Dense. Trace gravel. Fine sand with trace gravel. Dark red (2.5YR 4/8). Moist. Medium dense.		0 ppm
				0 ppm
40	SP	Fine to medium sand with trace gravel. Yellowish red (5YR 5/8). Moist. Medium dense.		0 ppm
				0 ppm
50				0 ppm

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Depth	Soil Symbol	Soil Description	Well Completion	Observations
		SP Fine to medium sand with trace gravel. Dark red (2.5YR 4/8). Moist. Medium dense.		
		SP Medium sand with trace gravel. Yellowish red (5YR 5/8). Moist. Medium dense.		0 ppm
60		SP Fine sand. Reddish yellow (7.5YR 6/8). Moist. Medium dense.		0 ppm
				0 ppm
70		SP Fine sand. Yellow (10YR 7/6). Moist. Medium dense.		0 ppm
				0 ppm
80				0 ppm
		No Recovery		
90				
		SP Medium sand. Yellow (10YR 7/6). Wet. Medium dense.		0 ppm
100				

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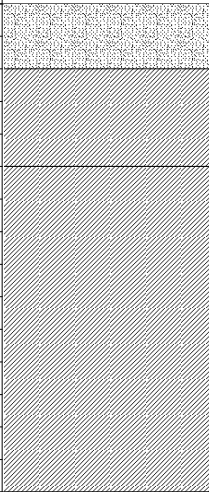
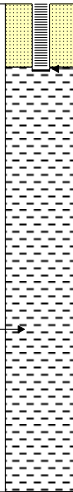
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Depth	Soil Symbol	Soil Description	Well Completion	Observations
110		CL Clay. Light yellowish brown (10YR 6/4). Wet. Dense. CL Clay. Gray (7.5YR 5/1). Dense.		0 ppm
120		End of Log		0 ppm
130				
140				
150				

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