



FIELD BOREHOLE LOG

BOREHOLE NO.: MW-276

TOTAL DEPTH (FT BGS): 99

PROJECT INFORMATION

PROJECT: SRI Phase 2

PROJECT NO.: 10021503

SITE LOCATION: DDMT, Main Installation

PROJECT MANAGER: T. Holmes

FIELD STAFF: J. Bills

BOREHOLE STARTED: 10/26/2016

BOREHOLE FINISHED: 10/27/2016

DRILLING INFORMATION

DRILLING CO.: Cascade Drilling, L.P.

DRILLER: Steve Lacey

DRILLING METHOD/RIG: Sonic/TSI 150CC

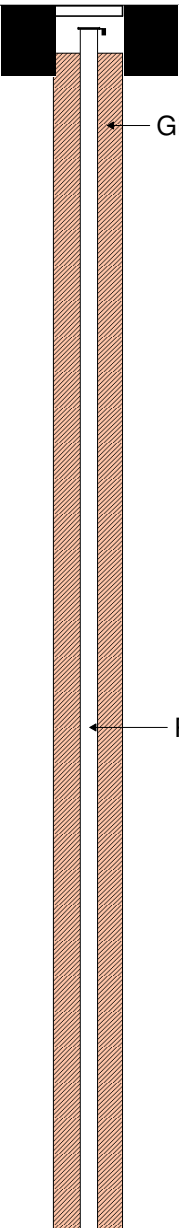
BOREHOLE DIAMETER: 6 in.

GROUND SURFACE ELEVATION (FT NAVD): 288.91

WATER DEPTH/ DATE(FT BTOC): 85.68 (12/6/16)

BOREHOLE USE: Monitoring Well

NOTES: PID readings collected at 5 foot intervals beginning at 5 ft, bgs; all readings were 0 parts per million (ppm). No water used during drilling. Boring backfilled with bentonite to 98ft, bgs prior to well installation. Well installed 10/27, pad constructed 11/2 and well developed 11/14/16.

Depth (ft, bgs)	Soil Symbol	Soil Description	Well Completion	Comments
10	CL	Silty clay, medium plasticity, 7.5YR 4/6, strong brown, mottled, moist.		0 ppm
				0 ppm
				0 ppm
20	SM	Silty sand, sand is very fine, 7.5YR 4/6 strong brown, moist.		0 ppm
	SP	Fine sand, 10YR 7/6, yellow, moist.		0 ppm
	SM	Silty fine sand, 7.5YR 4/6, strong brown, mottled, moist.		0 ppm
30	SP	Medium sand, trace gravel angular <2", 5YR 5/8, yellowish red, moist.		0 ppm
				0 ppm
40	SP	Silty sand, trace gravel rounded <1", 7.5YR 5/8, strong brown, moist.		0 ppm
				0 ppm
50				0 ppm

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Checked Date: 8/2/2017



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Depth	Soil Symbol	Soil Description	Well Completion	Comments
60	SP	Fine to medium sand, 10YR 6/8, brownish yellow, moist.		0 ppm
70				0 ppm
80	SW	Gravelly sand, gravel is semi-angular <1", 10YR 6/8, brownish yellow, moist.		0 ppm
90	SP	Medium sand, trace gravel rounded <1", 7.5YR 6/8, reddish yellow, wet.		0 ppm
100	CL	Clay, medium plasticity, gley, 5/1, bluish gray, wet.		0 ppm

The well completion diagram shows a vertical cross-section of the borehole. It includes a central pipe with a screen at the bottom. The screen is labeled 'SCREEN' and is located at a depth of 85.68 ft. Below the screen is an 'END CAP' and a 'BENTONITE PLUG'. The well is filled with 'SAND PACK' and 'BENTONITE' at the top. The depth of the sand pack is indicated as 85.68 ft. The well is labeled 'MW-276'.

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PAGE: 2 of 3



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Depth	Soil Symbol	Soil Description	Well Completion	Comments
		End of Log		
110				
120				
130				
140				
150				

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PAGE: 3 of 3