



FIELD BOREHOLE LOG

BOREHOLE NO.: MW-281

TOTAL DEPTH (FT BGS): 104

PROJECT INFORMATION

PROJECT: SRI Phase 2

PROJECT NO.: 10021503

SITE LOCATION: DDMT, Main Installation

PROJECT MANAGER: T. Holmes

FIELD STAFF: J. Bills

BOREHOLE STARTED: 11/10/2016

BOREHOLE FINISHED: 11/11/2016

DRILLING INFORMATION

DRILLING CO.: Cascade Drilling, L.P.

DRILLER: Steve Lacey

DRILLING METHOD/RIG: Sonic/TSI 150CC

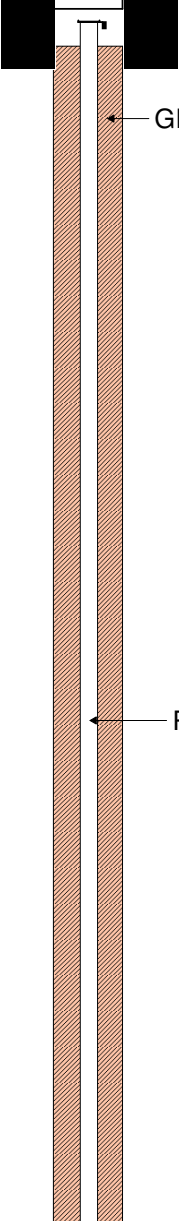
BOREHOLE DIAMETER: 6 in.

GROUND SURFACE ELEVATION (FT NAVD): 305.03

WATER DEPTH/ DATE(FT BTOC): 78.58 (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. Soil collapse to 94 ft, bgs; boring backfilled with bentonite to 91 ft, bgs prior to well installation. Well installed 11/11, pad constructed 11/15 and well developed 11/16/16.

Depth (ft, bgs)	Soil Symbol	Soil Description	Well Completion	Comments
		CL Silty clay, mottled, 10YR 4/6, dark yellowish brown, moist.		
10		CL Clay, medium plasticity, mottled, 10YR 5/4, yellowish brown, moist.		0 ppm
				0 ppm
20				0 ppm
		SP Silty fine sand, 7.5YR 5/8, strong brown, moist.		0 ppm
30		SP Fine sand, 10YR 7/6, yellow, moist.		0 ppm
		SP Fine sand, 2.5Y 8/3, pale yellow, moist.		0 ppm
40		SP Fine sand, 10YR 7/6, yellow, moist.		0 ppm
				0 ppm
50				0 ppm

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Depth	Soil Symbol	Soil Description	Well Completion	Comments
		SP Fine sand, trace gravel rounded <1", 2.5Y 7/4, pale yellow, moist.		
		SP Fine sand, trace gravel rounded <1", 7.5YR 8/2, pinkish white, moist.		0 ppm
60		ML Clayey silt, 10YR 7/8, yellow, moist, fine laminations of 10YR 6/6, brownish yellow.		0 ppm
		SP Fine to medium sand, 10YR 6/8, brownish yellow, moist.		0 ppm
70		SP Medium to coarse sand, trace gravel rounded <2", 10YR 5/6, yellowish brown, wet below 77'.		0 ppm
			← BENTONITE	0 ppm
			78.58 ft. bloc	0 ppm
80			← SAND PACK	0 ppm
			← SCREEN	0 ppm
		SP Medium sand, 2.5Y 7/4, pale yellow, wet.		0 ppm
90		ML Clayey silt, low plasticity, mottled, 7.5YR 5/8, strong brown, wet.		0 ppm
			← END CAP	0 ppm
			← BENTONITE PLUG	0 ppm
			← SOIL COLLAPSE	0 ppm Soil collapse, 94-104 ft
100				0 ppm

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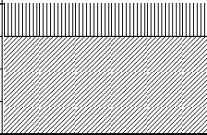
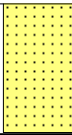
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Depth	Soil Symbol	Soil Description	Well Completion	Comments
		CL Clay, gley 4/N, dark gray, wet.		
110		End of Log		
120				
130				
140				
150				

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