



## FIELD BOREHOLE LOG

BOREHOLE NO.: MW-274

TOTAL DEPTH (FT BGS): 107

### PROJECT INFORMATION

PROJECT: SRI Phase 2

PROJECT NO.: 10021503

SITE LOCATION: DDMT, Main Installation

PROJECT MANAGER: T. Holmes

FIELD STAFF: J. Bills

BOREHOLE STARTED: 4/5/2017

BOREHOLE FINISHED: 4/6/2017

### DRILLING INFORMATION

DRILLING CO.: Cascade Drilling, L.P.

DRILLER: Steve Lacey

DRILLING METHOD/RIG: Sonic/TSI 150CC

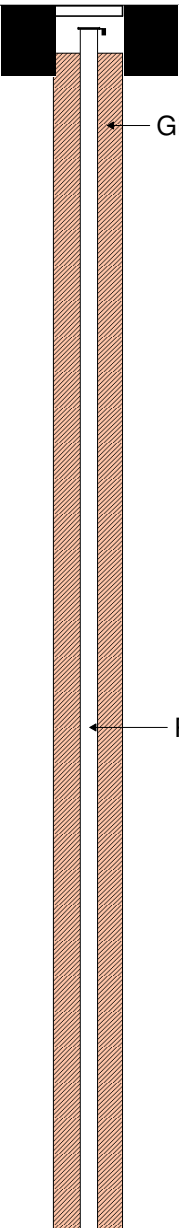
BOREHOLE DIAMETER: 6 in.

GROUND SURFACE ELEVATION (FT NAVD): 294.6

WATER DEPTH/ DATE(FT BTOC): 82.85 (4/17/17)

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 100 ft, bgs prior to well installation. Well installed 4/6, pad constructed 4/7 and well developed 4/8/17.

Depth (ft, bgs)	Soil Symbol	Soil Description	Well Completion	Comments
		<b>ML</b> Clayey silt, 10YR 4/6, dark yellowish brown, mottles, moist, low plasticity.		
10		<b>CL</b> Silty clay, 10YR 4/6, dark yellowish brown, high plasticity, moist.		0 ppm
		<b>ML</b> Clayey silt, 10YR 4/6, dark yellowish brown, medium plasticity.		0 ppm
20		<b>SM</b> Silty fine sand, 7.5YR 5/8, strong brown, moist.		0 ppm
		<b>SP</b> Medium to coarse sand, 5YR 5/8, yellowish red, wet.		0 ppm
30				0 ppm
		<b>SP</b> Fine sand, 10YR 6/8, brownish yellow, moist.		0 ppm
40		<b>SP</b> Medium sand, trace gravel rounded, 5YR 5/8, yellowish red, moist.		0 ppm
				0 ppm
50				0 ppm

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Created Date: 5/10/2017

Checked By: TCH

Checked Date: 8/2/2017



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Depth	Soil Symbol	Soil Description	Well Completion	Comments
		<b>SP</b> Medium sand, trace gravel angular <1", 7.5YR 6/8, reddish yellow, moist.		0 ppm
60		<b>SP</b> Fine to medium sand, 10YR 6/8, brownish yellow, moist.		0 ppm
		<b>SP</b> Medium to coarse sand, trace gravel, 10YR 6/8, brownish yellow, moist.		0 ppm
70		<b>SP</b> Medium sand, trace gravel angular <2", 10YR 4/4, dark yellowish brown, moist.		0 ppm
		<b>SP</b> Fine sand, 10YR 7/8, yellow, moist.		0 ppm
		<b>SP</b> Medium sand, trace gravel angular <1", 10YR 7/6, yellow, moist.		0 ppm
80			82.85 ft. btoc ← BENTONITE	0 ppm
		<b>SP</b> Fine to medium sand, 10YR 7/6, yellow, wet.	← SAND PACK	0 ppm
90		<b>SP</b> Medium sand, 7.5YR 5/8, strong brown, wet.		0 ppm
		<b>SP</b> Sand, trace gravel angular <2", 10YR 7/6, yellow, wet.	← SCREEN	0 ppm
		<b>SP</b> Fine to medium sand, 2.5Y 5/6, light olive brown, wet.	← END CAP	0 ppm
100				

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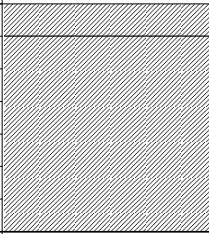
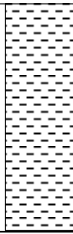
PAGE: 2 of 3



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Depth	Soil Symbol	Soil Description	Well Completion	Comments
		<b>CL</b> Clay, 2.5Y 6/8, olive yellow, high plasticity. <b>CL</b> Clay, 2.5Y 4/1, dark gray, high plasticity.	 ← BENTONITE PLUG	0 ppm
110		End of Log		
120				
130				
140				
150				

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PAGE: 3 of 3