



## FIELD BOREHOLE LOG

BOREHOLE NO.: MW-272

TOTAL DEPTH (FT BGS): 125

### PROJECT INFORMATION

PROJECT: SRI Phase I

PROJECT NO.: 235772

SITE LOCATION: DDMT, Main Installation

PROJECT MANAGER: T. Holmes

FIELD STAFF: Sam Gillet

BOREHOLE STARTED: 4/30/2015

BOREHOLE FINISHED: 4/30/2015

### DRILLING INFORMATION

DRILLING CO.: Cascade Drilling, L.P.

DRILLER: Mike Hansen

DRILLING METHOD/RIG: SuperSonic II

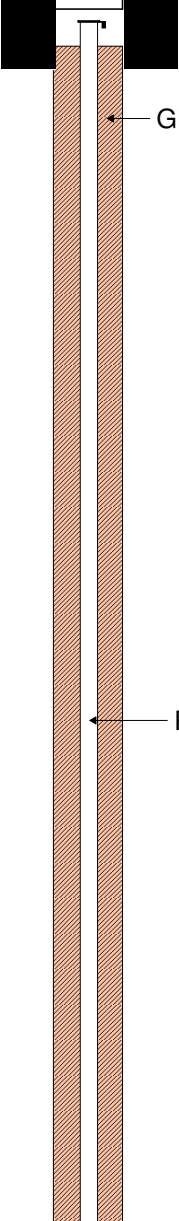
BOREHOLE DIAMETER: 6 in.

GROUND SURFACE ELEVATION (FT MSL): 293.7

WATER DEPTH/ DATE: 93.64 ft. btoc on 5/19/2015

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 124 to 125 ft. bgs prior to well installation. Well installed 4/30, well developed 5/2 and well pad constructed 5/6.

Depth (ft, bgs)	Soil Symbol	Soil Description	Well Completion	Observations
10	CL	Silty clay. Tan brown. Moist.		0 ppm
	CL	Silty clay. Tan brown with gray/orange mottles. Moist.		0 ppm
20	CL	Sandy clay. Red. Moist.		
	SP	Fine to medium sand. Red. Dry.		
	SP	Poorly graded fine to medium sand. Orange tan. Dry.		0 ppm
30	SP	Poorly graded medium to coarse sand with trace clay lenses.		
	SP	Poorly graded fine to medium sand with trace fine gravel. Dry.		0 ppm
40	SW	Well graded gravelly sand. Sand is medium, gravel is fine to coarse. Tan. Dry		
	SP	Poorly graded fine to medium sand. Light yellow-tan. Dry.		0 ppm
50				

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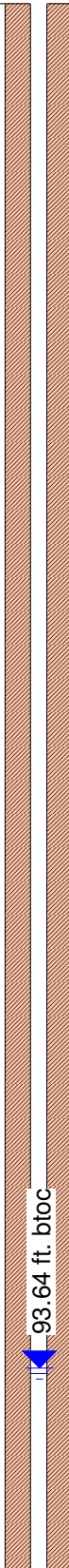
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Depth	Soil Symbol	Soil Description	Well Completion	Observations
		<b>SW</b> Well graded gravelly sand. Sand is medium, gravel is fine to coarse. Brownish tan. Dry. Poor recovery rom 45 to 55 ft, bgs (50%)		0 ppm
		<b>SW</b> Coarse sand with fine gravel.		
60		<b>SP</b> Fine sand. Light yellow.		0 ppm
		<b>SW</b> Medium to coarse gravelly sand. Brown tan. Dry.		
70		<b>SP</b> Fine sand with trace fine gravel. Light yellow-tan. Dry.		0 ppm
		<b>SP</b> Fine to medium sand. Light yellow-tan. Moist.		
80		<b>SP</b> Medium sand. Trace clay. Brownish tan. Moist.		0 ppm
		<b>SW</b> Fine to medium gravelly sand. Gravel is fine to coarse. Orange brown. Moist.		
90		<b>SW</b> Medium to coarse gravelly sand. Gravel is fine to coarse. Orange brown. Wet.		0 ppm
100				

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Depth	Soil Symbol	Soil Description	Well Completion	Observations
110				0 ppm
			BENTONITE	
			SAND PACK	
				0 ppm
			SCREEN	
120				
			END CAP	
			BENTONITE PLUG	0 ppm
		End of Log		
130				
140				
150				

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