



## FIELD BOREHOLE LOG

BOREHOLE NO.: MW-263

TOTAL DEPTH (FT BGS): 93

### PROJECT INFORMATION

PROJECT: SRI Phase I

PROJECT NO.: 235772

SITE LOCATION: DDMT, Main Installation

PROJECT MANAGER: T. Holmes

FIELD STAFF: Sam Gillet

BOREHOLE STARTED: 5/12/2015

BOREHOLE FINISHED: 5/12/2015

### DRILLING INFORMATION

DRILLING CO.: Cascade Drilling, L.P.

DRILLER: Larry Yancey

DRILLING METHOD/RIG: ProSonic SR-120

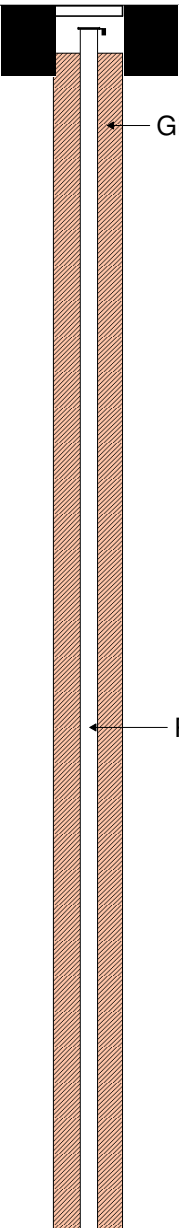
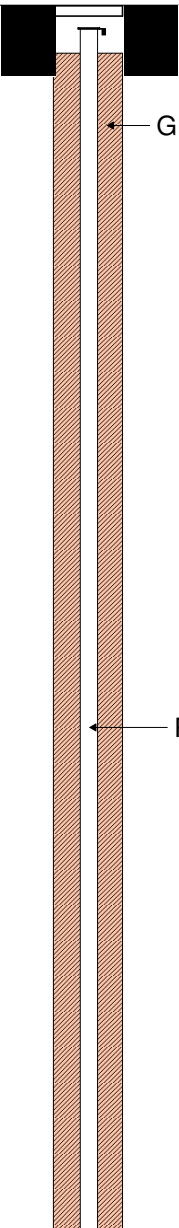
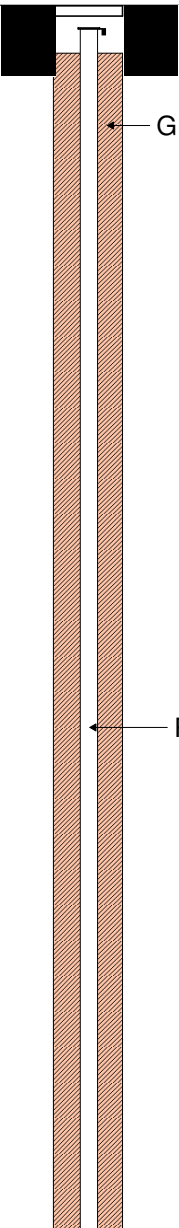
BOREHOLE DIAMETER: 6 in.

GROUND SURFACE ELEVATION (FT MSL): 291.78

WATER DEPTH/ DATE: 55.53 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). 125 gallons of potable water used during drilling. Boring backfilled with bentonite from 80 to 93 ft, bgs prior to well installation. Well installed 5/13, well developed 5/14 and well pad constructed 5/15.

Depth (ft, bgs)	Soil Symbol	Soil Description	Well Completion	Observations
10	CL	Silty clay. Brown. Moist. Lignite at 10 ft, bgs.		0 ppm
				0 ppm
20	CL	Silty clay with trace lignite and fine black sand. Brown. Moist.		0 ppm
				0 ppm
30	CL	Sandy clay with some lignite. Brown. Moist.		0 ppm
	SW	Silty fine sand with trace fine limestone gravel. Tan brown. Moist.		0 ppm
	SP	Fine to medium sand with trace silt. Reddish orange and light gray interbeds. Dry.		0 ppm
40	SW	Fine to medium sand with some fine gravel. Tan. Moist.		0 ppm
	SP	Fine to medium sand with trace coarse sand. Orange tan. Dry.		0 ppm
				0 ppm
50	SP	Fine to medium sand. Orange tan. Dry.		0 ppm
				0 ppm
				0 ppm

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Depth	Soil Symbol	Soil Description	Well Completion	Observations
			55.53 ft. btoc	0 ppm
60	SW	Fine to coarse sand with some fine to coarse gravel. Orange tan. Moist.		
	SW	Fine to coarse sand with some fine to coarse gravel. Orange tan. Moist.		
	SW	Fine to medium gravelly sand. Gravel is fine with trace coarse. Orange tan. Wet.	BENTONITE	0 ppm
70	GW	Sandy gravel. Gravel is fine to coarse chert. Sand is medium. Poor recovery.	SAND PACK	
			SCREEN	0 ppm
80	SP	Fine to medium sand. Yellow orange tan. Wet.	END CAP	
	CL	Clay with trace sand.	BENTONITE PLUG	0 ppm
90	CL	Clay with trace sand interbeds. Gray.		
100		End of Log		