



FIELD BOREHOLE LOG

BOREHOLE NO.: MW-283

TOTAL DEPTH (FT BGS): 97

PROJECT INFORMATION

PROJECT: SRI Phase 2

PROJECT NO.: 10021503

SITE LOCATION: DDMT, Main Installation

PROJECT MANAGER: T. Holmes

FIELD STAFF: J. Bills

BOREHOLE STARTED: 4/4/2017

BOREHOLE FINISHED: 4/5/2017

DRILLING INFORMATION

DRILLING CO.: Cascade Drilling, L.P.

DRILLER: Steve Lacey

DRILLING METHOD/RIG: Sonic/TSI 150CC

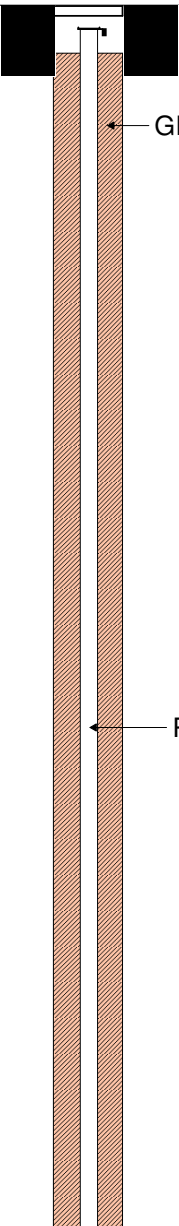
BOREHOLE DIAMETER: 6 in.

GROUND SURFACE ELEVATION (FT NAVD): 304.87

WATER DEPTH/ DATE(FT BTOC): 69.53 (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 88 ft, bgs prior to well installation. Well installed 4/5, pad constructed 4/7 and well developed 4/7/17.

Depth (ft, bgs)	Soil Symbol	Soil Description	Well Completion	Comments
		ML Clayey silt, 7.5YR, strong brown, trace gravel, moist.		0 ppm
10		ML Clayey silt, 7.5YR 5/4, brown, trace lignite, medium plastic, moist.		0 ppm
				0 ppm
20				0 ppm
		SC Clayey sand, medium to fine sand, 7.5YR 5/6, strong brown, moist.		0 ppm
30				0 ppm
		SM Silty sand, medium to coarse sand, 5YR 5/6, yellowish red, moist.		0 ppm
40				0 ppm
		SP Fine sand, 7.5YR 6/6, reddish yellow, moist.		0 ppm
		SP Fine sand, 7.5YR 7/8, reddish yellow, moist.		0 ppm
		SP Fine sand, 7.5YR 8/1, white, moist.		0 ppm
50				0 ppm

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Checked By: TCH Checked Date: 8/2/2017



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Depth	Soil Symbol	Soil Description	Well Completion	Comments
		SP Fine sand, 10R 4/6, red, trace gravel, moist.		
		SP Fine sand, 7.5YR 8/1, white, moist.		
		SP Fine sand, trace gravel rounded <1", 10YR 7/6, yellow, moist.		0 ppm
60		SP Medium sand, trace gravel rounded <2", 2.5Y 7/6, yellow.		0 ppm
			69.53 ft. btoc	0 ppm
70		SP Fine to medium sand, 10YR 6/6, brownish yellow, wet.	← BENTONITE	0 ppm
			← SAND PACK	0 ppm
80		SP Very fine sand, 2.5Y 6/2, light grayish brown, dry.		0 ppm
		SP Medium sand, trace gravel rounded <1", 10YR 6/6, brownish yellow, wet.	← SCREEN	0 ppm
			← END CAP	0 ppm
90		SW Silty sand with gravel, 10YR 5/8, yellowish brown, wet.		0 ppm
		CL Clay, gley 4/10Y, dark greenish gray, dense, medium plasticity, moist.	← BENTONITE PLUG	0 ppm
		CL Silty clay, lignite, gley 4/10Y, dark greenish gray.		
100		End of Log		

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