



FIELD BOREHOLE LOG

BOREHOLE NO.: MW-300

TOTAL DEPTH (FT BGS): 96

PROJECT INFORMATION

PROJECT: SRI Phase 3

PROJECT NO.: 10058697

SITE LOCATION: DDMT, Main Installation

PROJECT MANAGER: T. Holmes

FIELD STAFF: A. Morgan

BOREHOLE STARTED: 7/10/2018

BOREHOLE FINISHED: 7/10/2018

DRILLING INFORMATION

DRILLING CO.: Cascade Drilling, L.P.

DRILLER: Larry Yancy

DRILLING METHOD/RIG: Sonic, S1159

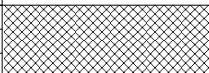
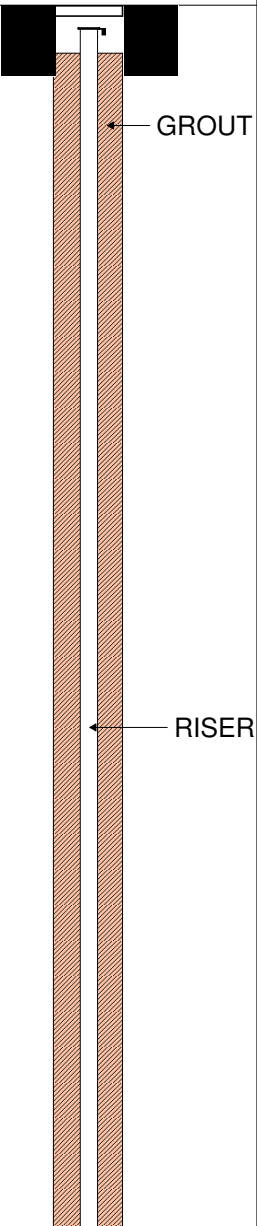
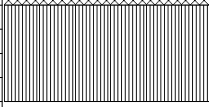
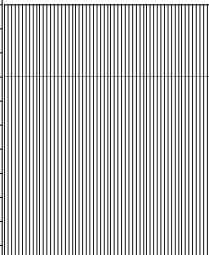
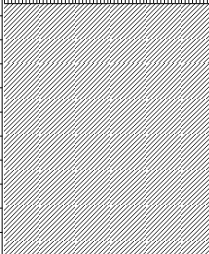

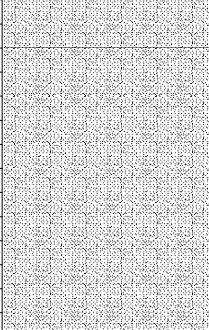
BOREHOLE DIAMETER: 6 in.

GROUND SURFACE ELEVATION (FT NAVD): 290.64

WATER DEPTH/ DATE(FT BTOC): 80.11 on 8/11/18

BOREHOLE USE: Monitoring Well

NOTES: PID readings collected from at least 5 foot intervals beginning at ground surface; all readings were 0 parts per million (ppm). No water used during drilling. Well installed 07/10, pad constructed 07/14 and well developed 08/02/18.

Depth (ft, bgs)	Soil Symbol	Soil Description	Well Completion	Comments
		Fill		
		ML Silt, stiff, low plasticity, 2.5 YR 5/4, reddish brown, dry With little clay, medium stiff, medium to low plasticity No Recovery		
10		ML Very stiff, medium plasticity, moist Stiff, Gley 1 4/N, dark gray, dry Medium stiff, moist		
20		CL Clay with little silt, medium stiff, medium plasticity, 2.5 YR 4/2, dark reddish gray with orange mottling, moist 2.5 YR 6/4, light reddish brown		
30		SC Clayey Sand with few subangular gravel to 1/4", dense, 2.5 YR 5/4, reddish brown, moist, Medium dense, multicolored (dark red, olive gray, light brown) dry		
40		SP Sand, medium grained, medium dense, 2.5 YR 5/8, red, moist Few subrounded gravel to 1/4", olive gray mottling Loose, no gravel or mottling		
50				

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Depth	Soil Symbol	Soil Description	Well Completion	Comments
60		Few subrounded gravel to 1", medium grained, 2.5 YR 6/8, light red, moist Coarse grained, very loose, 2.5 YR 8/3, pink Few subrounded gravel to 1", medium grained, very loose, 2.5 YR 6/6, light red Medium to fine grained, no gravel, loose, 2.5 YR 5/8, red, very moist		
	SW	Sand with subrounded gravel to 1", loose, 2.5 YR 6/4, light reddish brown, wet		
	GC	Clayey gravel, medium dense, 5 YR 6/4, light reddish brown, wet		
	SW	Sand with some rounded gravel to 1", loose, 2.5 YR 6/4, light reddish brown, wet		
70	SW/GW	Sand/gravel, rounded to 1.5", loose, 2.5 YR 6/4, light reddish brown, wet		
	SP	Sand, fine to medium grained, very loose, 2.5 YR 8/4, pink, wet Medium grained with some subangular gravel to 1/2", very loose, 2.5 YR 6/4, light reddish brown, moist		
	SW	Sand with some subangular gravel to 1/4", very loose, 2.5 YR 6/6, light red, wet 2.5 YR 7/3, light reddish brown		
80	GW	Gravel, subrounded to 1/2", very loose, 2.5 YR 7/4, light reddish brown, wet		
	SW	Sand, very loose, 2.5 YR 6/6, light red, wet With trace subangular gravel to 1/2", 2.5 YR 7/4, light reddish brown, wet No gravel, 2.5 YR 8/4, pink, wet		
90	SP	Sand with trace clay, fine grained, very loose, 2.5 YR 6/8, light red with thin gray laminated layers, wet Trace rounded gravel to 1/16" Medium grained, loose, 2.5 YR 6/8, light red		
	SW	Sand, loose, 5 YR 8/2, pinkish white, wet		
		End of Log		
100				

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