



FIELD BOREHOLE LOG

BOREHOLE NO.: MW-297

TOTAL DEPTH (FT BGS): 111

PROJECT INFORMATION

PROJECT: SRI Phase 3

PROJECT NO.: 10058697

SITE LOCATION: DDMT, Main Installation

PROJECT MANAGER: T. Holmes

FIELD STAFF: C. Mokri

BOREHOLE STARTED: 7/1/2018

BOREHOLE FINISHED: 7/1/2018

DRILLING INFORMATION

DRILLING CO.: Cascade Drilling, L.P.

DRILLER: Larry Yancy

DRILLING METHOD/RIG: Sonic, S1159

BOREHOLE DIAMETER: 6 in.

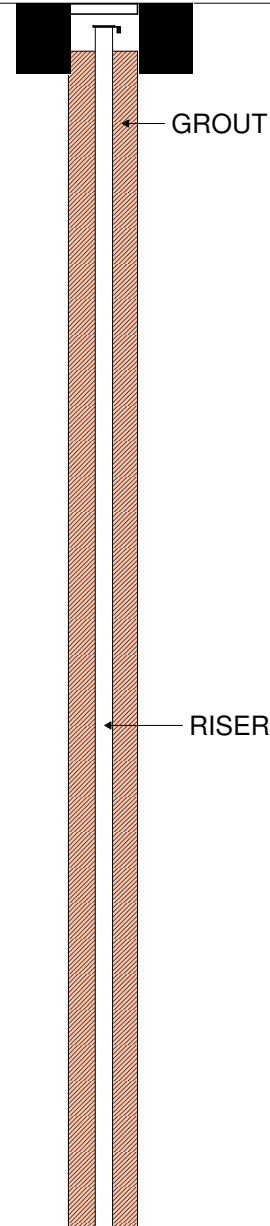
GROUND SURFACE ELEVATION (FT NAVD): 298.46

WATER DEPTH/ DATE(FT BTOC): 92.09 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 07/01, pad constructed 07/03 and well developed 07/16/18.

Depth (ft, bgs)	Soil Symbol	Soil Description	Well Completion	Comments
		Concrete		
		ML Silt, very dense, Gley 1 3/1, very dark greenish gray, dry With little clay, stiff, low plasticity, 5 YR 4/4, yellowish red No recovery		
10		CL Silty clay with trace sand, medium plasticity, medium stiff, 5 YR 5/3, reddish brown, dry		
		ML Clayey silt with little sand, fine grained, medium stiff, medium to low plasticity, 5 YR 5/4, reddish brown, dry		
20		CL Silty clay with little sand, soft, medium plasticity, 5 YR 6/3, light reddish brown, moist Clay with trace sand, fine grained, 5 YR 5/4, reddish brown Very soft, medium to high plasticity		
30		With little sand, fine grained, stiff, 5 YR 6/3, light reddish brown Sandy clay, medium to fine grained, medium stiff		
		SP Sand with clay, medium grained, very dense, 10 R 5/6, red with light gray mottling, dry With trace clay, medium to fine grained		
40		With clay and gravel to 1/4", 5 YR 7/6, reddish yellow, moist Fine grained, very loose, moderate cementation, 5 YR 7/3, pink, dry		
50		SW Sand with trace gravel to 1/4", very loose, 5 YR 5/6, yellowish red, wet		



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Created Date: 9/6/18

Checked Date: 9/27/18

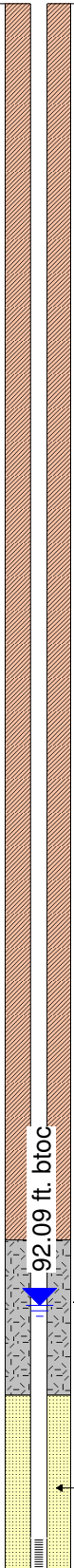
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Depth	Soil Symbol	Soil Description	Well Completion	Comments
		SP Sand, fine grained, very loose, some moderate cementation, 5 YR 7/3, pink, moist With trace gravel to 1/2", loose, dry No gravel, very loose, fine grained, 5 YR 8/2, pinkish white		
		SW Sand, loose, 5 YR 6/8, reddish yellow, wet		
60		SP Sand, medium grained, loose, 5 YR 6/6, reddish yellow, moist		
		SP/GP Sand and subrounded gravel to 1/2", medium grained, very loose, 5 YR 5/8, yellowish red, dry Wet		
70		SP Sand, medium to fine grained, very loose, 2.5 YR 6/8, light red, moist		
		SP/GP Sand and subrounded gravel to 1", medium to fine grained, very loose, 5 YR 6/8, light red, wet		
80		SP Sand, fine grained, very loose, 2.5 YR 7/4, light reddish brown, moist Stratified, 2.5 YR 7/4, light reddish brown and 7.5 YR 7/4, pink Very loose, 10 R 8/2, pinkish white		
90		CL Sandy clay, medium grained, medium plasticity, 2.5 YR 7/4, light reddish brown, moist		
		SP Sand, fine grained, very loose, 10 R 8/2, pinkish white Moderate cementation, medium dense, laminated dark black and dark green orange Fine grained, very loose, 2.5 YR 8/2, pinkish white, moist Loose, light red/pinkish white mottle, wet With little gravel, 2.5 YR 7/2, pale red		
100				

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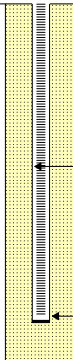
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Depth	Soil Symbol	Soil Description	Well Completion	Comments
		SW Sand with subrounded gravel to 2", very loose, 2.5 YR 7/3, light reddish brown, wet	 SCREEN END CAP	
		GW Gravel with coarse sand, subrounded to 1", wet		
		SP Sand, fine to medium grained, very loose, 2.5 YR 7/4, light reddish brown		
110		SP/GP Sand and subrounded gravel to 1", medium grained, very loose		
		SP Sand with subrounded gravel to 1", very loose		
		End of Log		
120				
130				
140				
150				

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