

BOREHOLE NO.: MW-290 TOTAL DEPTH (FT BGS): 225

#### PROJECT INFORMATION

PROJECT: SRI Phase 3
PROJECT NO.: 10058697

SITE LOCATION: DDMT, Main Installation

**PROJECT MANAGER: T. Holmes** 

FIELD STAFF: D. Kremer

BOREHOLE STARTED: 6/11/2018 BOREHOLE FINISHED: 6/20/2018

#### **DRILLING INFORMATION**

DRILLING CO.: Cascade Drilling, L.P.

**DRILLER: Thesius Taylor** 

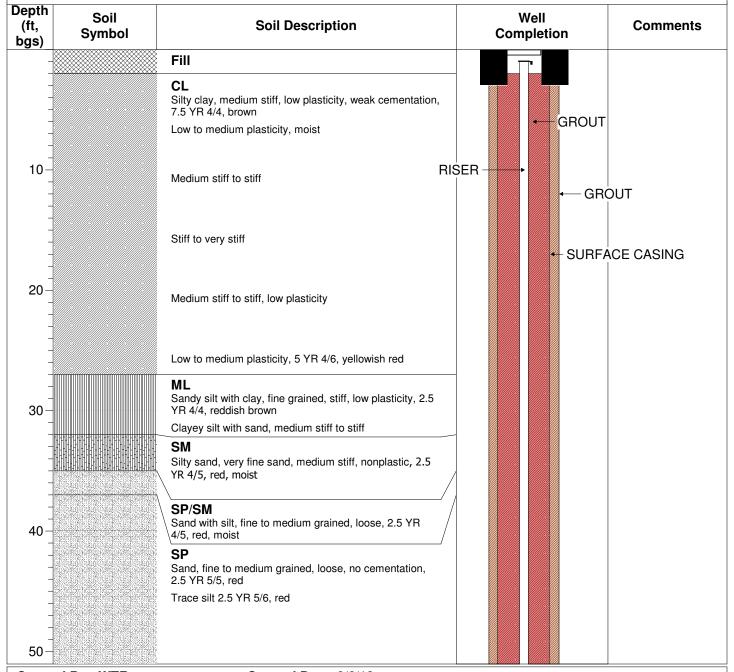
DRILLING METHOD/RIG: SR-20/SuperSonic II

**BOREHOLE DIAMETER: 12 in., 6 in.** 

GROUND SURFACE ELEVATION (FT NAVD): 304.49 WATER DEPTH/ DATE(FT BTOC): 129.51 on 8/11/18

**BOREHOLE USE: Monitoring Well** 

NOTES: 12–in borehole and 8–in surface casing installed to 180 ft, bgs; 6–in borehole from 180 to 225 ft bgs. PID readings collected at intervals of 5 feet or less beginning at ground surface; all readings were 0 parts per million (ppm). 2,500 gallons of water used during drilling. Well installed 06/20, pad constructed 06/30 and well developed 07/14/18.



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Depth	Soil Symbol	Soil Description	Well Completion	Comments
- - - -		Very loose, 10 YR 6/6, brownish yellow		
60-		Some rounded to subrounded gravel up to 2", medium to coarse grained, loose, no cementation, 10 YR 5/6, yellowish brown		
		Very loose, no gravel, no fines, 10 YR 5/8, yellowish brown, moist		
		Gravelly sand, subrounded gravel to 2", very loose		
70 –		10 YR 5/6, yellowish brown		
		Sand with subrounded gravel to 1", 10 YR 6/8, brownish yellow		
		Some gravel to 2", 10 YR 6/6, brownish yellow		
80 — - - - - - - -		Trace silt, fine to medium grained, 10 YR 7/3, very pale brown		
		Trace silt, fine to medium grained, 10 YR 7/3, very pale brown		
		7.5 YR 7/3, pink 7.5 YR 6/6, reddish yellow		
90-	10 10 10 10 10 10 10 10 10 10 10 10 10 1	Trace silt, 2.5 YR 7/4, light reddish brown		
		5 YR 5/6, yellowish red		
		Trace coarse sand, 10 YR 7/3, very pale brown		
100-		Trace subrounded gravel to 1"		

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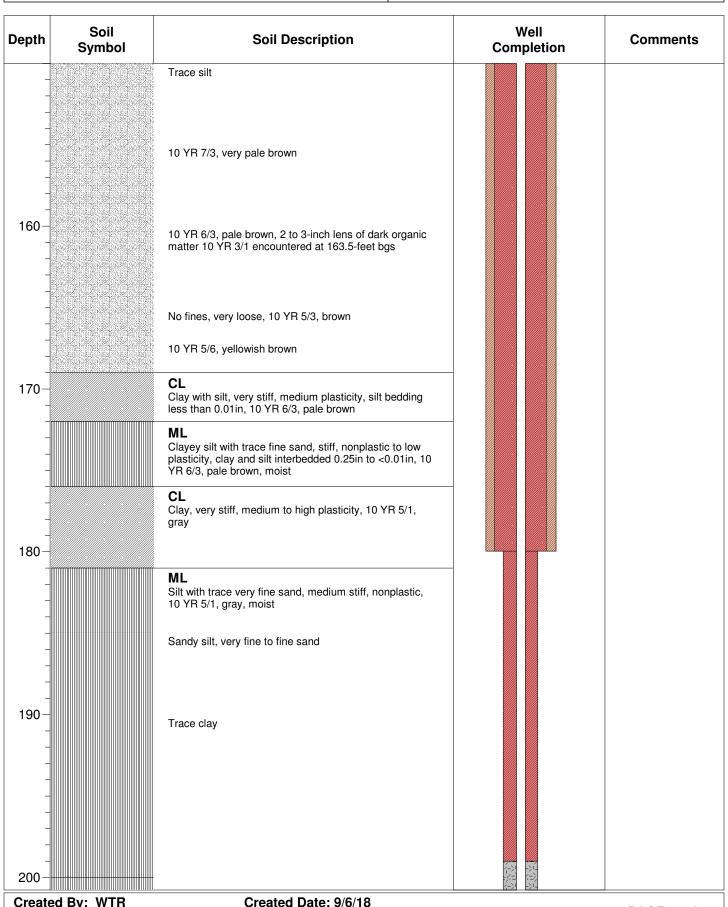
Depth	Soil Symbol	Soil Description	Well Completion	Comments
-		2 YR 6/4, light yellowish brown		
- - -		7.5 YR 6/6, reddish yellow		
-		Few subrounded gravel to 1", 10 YR 6/6, brownish yellow		
_		Some gravel to 1.5", 10 YR 5/6, yellowish brown		
110- -		Few subrounded gravel up to 1"		
	etrisetrisetrisetrisetrise etrisetrisetrisetrisetrise etrisetrisetrisetrisetrise	Some subrounded gravel to 2", 7.5 YR 5/6, strong brown Sand with gravel, subrounded gravel to 1", trace silt		
	jatrijastrijastrijastrijas	SW Sand with some gravel to 2", 10 YR 6/6, brownish yellow		
120		GP Gravel with medium to coarse sand, subrounded up to 3", 10 YR 5/6, yellow brown		
_ _		CL Clay, medium stiff, medium to high plasticity, no cementation, 10 YR 7/2, light gray	129.51 ft. btoc	
		SM Silty sand with stiff interbedded clay, poorly graded sand, very fine to fine grained, loose, 10 YR 6/3, pale brown	129.51	
130 <del>   </del> - - -		SP Sand with trace silt and clay, fine to medium grained, very loose, no cementation, 10 YR 7/3, very pale brown		
- -		Trace silt, 10 YR 6/2, light brownish gray		
- -		10 YR 6/3, pale brown		
140		Trace silt, 10 YR 8/4, light yellowish brown		
_		10 YR 7/5, very pale brown		
-		10 YR 6/4, light yellowish brown		
150				

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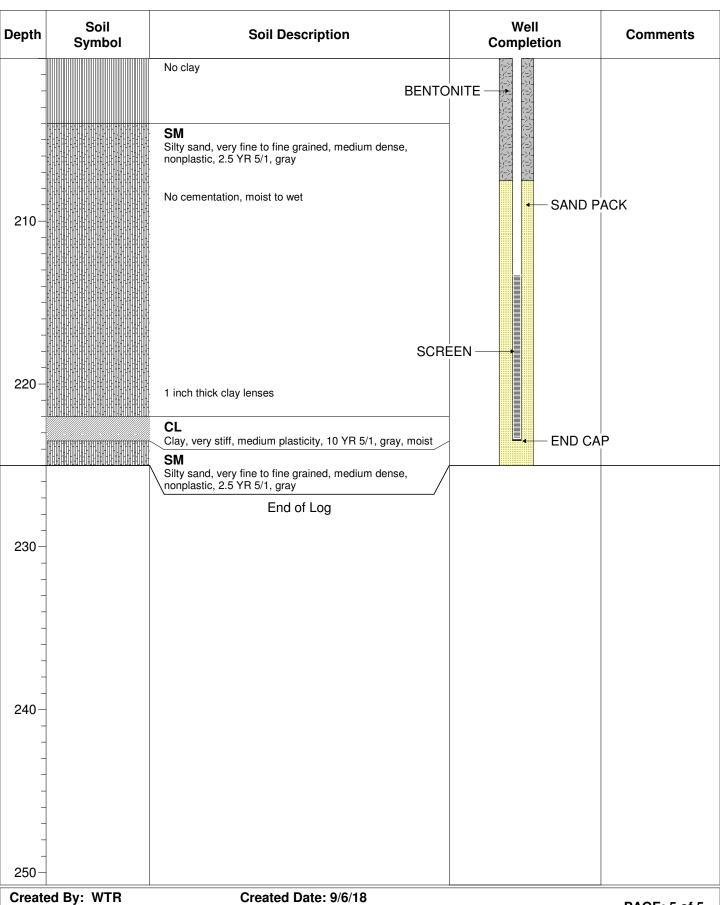
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