



FIELD BOREHOLE LOG

Well ID: MW-304
Total Depth (ft. bgs): 107

PROJECT: SRI Phase 4

PROJECT NUMBER: 10058697

SITE LOCATION: N. of Bldg. 649

PROJECT MANAGER: T. Holmes

LOGGED BY: C. Mokri

DATE STARTED: 9/11/19

DATE COMPLETED: 9/12/19

DRILLING CONTRACTOR: Cascade

DRILLER: T. Taylor

METHOD/RIG: Gus Pech Sonic

HOLE DIAMETER (IN): 6

GROUND SURFACE ELEVATION (NAVD): 305

DEPTH TO WATER (ft. btoc): 93.12 on 12/4/2019

BOREHOLE USE: Groundwater Monitoring Well

NOTES: PID measurement indicated where greater than 0. No water used during drilling.

Well installed on 9/12, pad installed on 9/16 and well developed on 10/14.

DEPTH (ft)	U.S.C.S.	GRAPHIC LOG	LAYER DEPTH	MATERIAL DESCRIPTION	Environmental Data PID (ppm)	WELL DIAGRAM
0						Casing Top Elev: 304.83 (ft)
—	ML		6.0	SILT, (ML) 7.5YR 3/3 dark brown, dry, stiff, low plasticity, medium dry strength, little clay		- Sch 40 PVC Blank Casing
—				NO RECOVERY		
10			10.0			
—	ML		15.0	SILT, (ML) 7.5YR 4/3 brown, dry, medium stiff, low plasticity, medium dry strength, trace fine sand		
—	CL		19.0	LEAN CLAY, (CL) 7.5YR 4/3 brown, moist, high plasticity		
20	CL		25.0	LEAN CLAY, (CL) 7.5YR 4/3 brown, moist, high plasticity, medium dry strength, trace fine gravel		
—	SC		30.0	CLAYEY SAND, (SC) 2.5YR 6/4 light reddish brown, fine grained, moist, very stiff	1.4	
30	SC		35.0	CLAYEY SAND, (SC) 2.5YR 5/6 red, fine to medium grained, moist, soft, medium plasticity		
—	SP		38.0	POORLY GRADED SAND, (SP) 2.5YR 6/6 light red, medium grained, moist, dense, with clay		
40	SP		43.0	POORLY GRADED SAND, (SP) 2.5YR 6/6 light red, fine to medium grained, moist, dense		
—	SP		46.0	POORLY GRADED SAND, (SP) 2.5YR 4/8 red, fine to medium grained, medium dense		
—	SP		49.0	POORLY GRADED SAND, (SP) 10R 4/8 red, fine to medium grained, medium dense		
50	SP		51.0	POORLY GRADED SAND, (SP) 2.5YR 6/8 light red, fine to medium grained, medium dense		
—	SP		52.5	POORLY GRADED SAND, (SP) 5YR 8/3 pink, fine grained, very loose		
—	GP		53.0	POORLY GRADED GRAVEL, (GP) medium grained, medium dense		
—	SP		54.0	POORLY GRADED SAND, (SP) 5YR 5/8 yellowish red, fine grained, very loose		

CREATED BY: C. Mokri

CREATED DATE: 9/22/19

CHECKED BY: T. Holmes

CHECKED DATE: 2/28/20



FIELD BOREHOLE LOG

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Total Depth (ft. bgs): 107

DEPTH (ft)	U.S.C.S.	GRAPHIC LOG	LAYER DEPTH	MATERIAL DESCRIPTION	Environmental Data PID (ppm)	WELL DIAGRAM
60				NO RECOVERY <i>(continued)</i>		
			64.0			
	SP			POORLY GRADED SAND, (SP) 5YR 5/6 yellowish red / light brown, fine to medium grained, very loose, some gravel	1.4	
			68.0		8	
70	SP			POORLY GRADED SAND, (SP) 2.5YR 7/2 pale red, fine grained, very loose	25	
			73.0			
	CL			LEAN CLAY, (CL) 10R 6/6 light red / moderate reddish orange, moist, soft, trace sand	104	
			75.0		440	
	SC			CLAYEY SAND, (SC) 10R 6/6 light red / moderate reddish orange, fine grained, moist, soft, medium plasticity	391	
			79.0			
80	SP			POORLY GRADED SAND, (SP) medium grained, loose, with clay, little gravel	321	
			83.0		90.4	
	SP			POORLY GRADED SAND, (SP) 7.5YR 7/4 pink, fine to medium grained, moist, very loose, trace gravel	52	
			87.0			
	SP			POORLY GRADED SAND, (SP) 7.5YR 6/4 light brown, fine to medium grained, very loose		
90			91.0			
	SW			WELL GRADED SAND, (SW) 7.5YR 6/6 reddish yellow, wet, very loose, with gravel		
			94.0			
	SP			POORLY GRADED SAND, (SP) 7.5YR 8/4 pink, very loose		
			96.0			
	SP			POORLY GRADED SAND, (SP) 7.5YR 6/4 light brown, fine to medium grained, wet, very loose, with gravel		
100			101.0			
	GW			WELL GRADED GRAVEL, (GW) 7.5YR 6/6 reddish yellow, wet, very loose		
			106.0			
	SW		107.0	WELL GRADED SAND, (SW) 7.5YR 7/4 - pink, wet, very loose, trace fine to medium gravel		

Bottom of borehole at 107.0 feet.