



FIELD BOREHOLE LOG

Well ID: MW-313
Total Depth (ft. bgs): 96

PROJECT: SRI Phase 4
 PROJECT NUMBER: 10058697
 SITE LOCATION: Golf Course
 PROJECT MANAGER: T. Holmes
 LOGGED BY: C. Mokri
 DATE STARTED: 10/1/19
 DATE COMPLETED: 10/2/19

DRILLING CONTRACTOR: Cascade
 DRILLER: J. Asua
 METHOD/RIG: Sonic TS150CC
 HOLE DIAMETER (IN): 6
 GROUND SURFACE ELEVATION (NAVD): 282.64
 DEPTH TO WATER (ft. btoc): 72.31 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 10/2, pad installed on 10/3, and well developed on 11/1.

DEPTH (ft)	U.S.C.S.	GRAPHIC LOG	LAYER DEPTH	MATERIAL DESCRIPTION	Environmental Data PID (ppm)	WELL DIAGRAM
0						
	ML		5.0	SILT, (ML) 7.5YR 5/4 brown, medium stiff, non plastic, low dry strength, trace fine sand		
	ML		7.0	SILT, (ML) 7.5YR 4/3 brown, dry, stiff, non plastic, low dry strength		
	ML		8.0	SILT, (ML) 7.5YR 6/4 light brown, medium stiff, low plasticity		
10	CL		10.0	LEAN CLAY, (CL) 7.5YR 6/4 light brown, moist, soft, medium plasticity		
	CL		12.0	LEAN CLAY, (CL) 7.5YR 7/3 pink, moist, very soft, medium plasticity		
	CL		14.0	LEAN CLAY, (CL) 7.5YR 7/3 pink, moist, soft, medium plasticity		
	ML		18.0	SILT, (ML) 5YR 4/4 reddish brown / moderate brown, soft, low plasticity		
20	ML		20.0	SILT, (ML) 5YR 5/4 reddish brown, moist, stiff, low plasticity		
	SC		25.0	CLAYEY SAND, (SC) 5YR 5/8 yellowish red, medium grained, moist, medium stiff, medium plasticity		
	SC		29.0	CLAYEY SAND, (SC) reddish yellow and gray, fine to medium grained, soft, medium plasticity		
30	SC		31.0	CLAYEY SAND, (SC) reddish yellow and gray, fine to medium grained, very stiff, medium plasticity		
	SC		32.0	CLAYEY SAND, (SC) 2.5YR 5/8 red, moist, soft, high plasticity		
	SP		34.0	POORLY GRADED SAND, (SP) 2.5YR 4/6 red, medium grained, dense, with clay, trace fine gravel, moderate cementation		
	SP		35.0	POORLY GRADED SAND, (SP) 5YR 5/8 yellowish red, fine to medium grained, moist, loose, trace clay		
	SP		37.0	POORLY GRADED SAND, (SP) 7.5YR 7/6 reddish yellow, fine to medium grained, moist, very loose		
	GP		37.3	POORLY GRADED GRAVEL, (GP) fine to medium grained, strong cementation		
40	SP		40.7	POORLY GRADED SAND, (SP) 7.5YR 7/6 reddish yellow, fine to medium grained, moist, very loose, trace fine gravel		
	SC		41.0	CLAYEY SAND, (SC) 2.5YR 3/6 dark red, medium grained, medium stiff, medium plasticity		
	SP		44.0	POORLY GRADED SAND, (SP) 7.5YR 7/6 reddish yellow, fine to medium grained, very loose, little fine gravel		
	SP		46.0	POORLY GRADED SAND, (SP) 7.5YR 7/2 pinkish gray, fine to medium grained, dry, very loose		
	SW		48.0	WELL GRADED SAND, (SW) 7.5YR 7/8 reddish yellow, medium grained, moist, very loose		
50	SP		49.0	POORLY GRADED SAND, (SP) 7.5YR 7/8 reddish yellow, fine to medium grained, moist, very loose		
	SW					

CREATED BY: C. Mokri

CREATED DATE: 10/21/19

CHECKED BY: T. Holmes

CHECKED DATE: 2/28/20

DEPTH (ft)	U.S.C.S.	GRAPHIC LOG	LAYER DEPTH	MATERIAL DESCRIPTION	Environmental Data PID (ppm)	WELL DIAGRAM
50						
	SW		55.0	WELL GRADED SAND, (SW) 7.5YR 7/6 reddish yellow, moist, very loose, with gravel, trace clay (continued)		
	SP		59.0	POORLY GRADED SAND, (SP) 7.5YR 6/8 reddish yellow, fine to medium grained, moist, very loose, little gravel		
60	SP		61.0	POORLY GRADED SAND, (SP) 10YR 7/6 yellow, fine grained, moist, very loose		
	SP		66.0	POORLY GRADED SAND, (SP) 10YR 6/6 brownish yellow / dark yellowish orange, fine to medium grained, moist, loose, little gravel, trace clay		
	SP		71.0	POORLY GRADED SAND, (SP) 10YR 4/3 brown, fine to medium grained, moist, little gravel		
	SP		73.0	POORLY GRADED SAND, (SP) 10YR 6/8 brownish yellow, fine to medium grained, wet, very loose		
	SW		80.0	WELL GRADED SAND, (SW) 10YR 6/6 brownish yellow / dark yellowish orange, wet, very loose, little gravel		
80				WELL GRADED SAND, (SW) 5YR 6/8 reddish yellow, wet, very loose, little gravel		
	SW		96.0			
90						

Bottom of borehole at 96.0 feet.