

BOREHOLE LOG

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BOREHOLE NO.

BH-01

Project:	Angle Lake Park	Project No.:	507106437
Client:		Date Start:	12/14/2022
Location:	Angle Lake Park, City of SeaTac, Seattle, WA	Date End:	12/14/2022
Field Staff:	Oliver Pengilly	Drill Rig:	Mobile B-57 Track0Rig
Drilling Co.:	Holt	Hammer Type:	Automatic hammer
Drillers:	Mitch	Hammer Energy:	87.4%
Northing:	159,315.015	Easting:	1,279,127.869
Elevation:	355 ft	H. Datum:	NAD83
		V. Datum:	NADV88

Elevation (ft)	Depth (ft)	Sample Graphic	Sample Number	Recovery (in) (Penetration) (in)	Blow Counts	Stratum Graphic	USCS Symbol	Material Description ^{2 3}	Remarks
			BS-B1	18 (18)			GM	Silty GRAVEL with sand (GM); yellow; dry to moist	Mud rotary from 0' to 60.3'
			G-1	60 (60)			SM	Silty SAND (SM); dense; yellowish brown; fine to medium sand; little fine subangular to subrounded gravel (FILL)	
			SS-S2	12 (18)	22 24 22		SM	Silty SAND (SM); dense; yellowish brown; fine to medium sand; little fine subangular to subrounded gravel (FILL)	
350	5		SS-S3	15 (18)	9 4 12		SM	Silty SAND with GRAVEL (SM); medium dense; light brownish; moist to wet; mostly fine to medium sand; little fine subangular to subrounded gravel (WEATHERED TILL)	
			SS-S4	10 (18)	10 11 14		SM	Silty SAND with GRAVEL (SM); very dense; gray; wet; medium sand; little fine subangular to subrounded gravel (WEATHERED TILL)	
345	10		SS-S5	15 (18)	10 20 31		GM	Silty SAND with Gravel (SM) to Silty GRAVEL with sand (GM); very dense; olive-yellow to yellow-brown; wet; fine and some coarse gravel; fine to coarse sand; diamict pockets. (TILL)	
			SS-S6	8 (11)	10 47/5"		GW	Well-graded SAND with Gravel (SW) to Well-graded GRAVEL with sand (GW); very dense; light brownish gray to yellowish brown; wet; diamict pockets; trace iron oxide staining. (TILL)	
340	15		SS-S7	6 (6)	44/6"		SP	Poorly-graded SAND with gravel (SP); very dense; bluish-gray to dark bluish-gray; wet; subangular to subrounded, fine gravel; diamict pockets; trace silt. (TILL)	
								...from 17.0 ft to 18.0 ft, silt layer reported by driller	
335	20		SS-S8	11 (15)	23 33 50/3"			Silty SAND with GRAVEL (SM); very dense; yellowish-brown; moist to wet; fine to coarse angular to subrounded gravel; fine to medium sand (TILL)	

Water Level Depth (ft)					Sample Type	Notes:
Date	Bottom of Hole	Bottom of Casing	Water	Drilling Fluid		

1.) Light gray shading indicates length of sample recovery.

2.) Soil descriptions between sampled depths logged from cuttings or rig behavior.

3.) Maximum Particle Size observed may be limited by sampler dimensions.

Elevation (ft)	Depth (ft)	Sample Graphic	Sample Number	Recovery ¹ (in) (Penetration) (in)	Blow Counts	Stratum Graphic	USCS Symbol	Material Description ^{2 3}	Remarks
330	25		SS-S9	3 (9)	30 63/3"		SM	Silty SAND with GRAVEL (SM); very dense; yellowish-brown; moist to wet; fine to coarse angular to subrounded gravel; fine to medium sand (TILL)	
325	30		SS-S10	13 (18)	24 47 48		SP	Silty SAND (SP); very dense; light brownish gray; wet (TILL)	
320	35		SS-S11	6 (11)	34 80/5"		GM	Silty GRAVEL with SAND (GM); very dense; yellowish-brown; wet; mostly fine subangular to subrounded gravel; some coarse sand (TILL)	
315	40		SS-S12	18 (18)	24 35 45		SM	Silty SAND (SM); very dense; bluish-gray; wet; mostly fine to medium sand; trace fine subangular gravel (ADVANCE OUTWASH)	
310	45		SS-S13	7 (10)	23 51/4"		SM		
305	50		SS-S14	9 (11)	23 52/5"		SM		
300	55		SS-S15	8 (11)	40 54/5"		SM		

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MOTT MACDONALD								M	M		BOREHOLE LOG		BOREHOLE NO. BH-01	
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Elevation (ft)	Depth (ft)	Sample Graphic	Sample Number	Recovery* (in) (Penetration) (in)	Blow Counts	Stratum Graphic	USCS Symbol	Material Description ^{2 3}				Remarks		
295	60		SS-S16	1 (4)	50/4			Silty SAND (SM): very dense; bluish-gray; wet; mostly fine to medium sand; trace fine subangular gravel (ADVANCE OUTWASH)						
								Borehole terminated at a depth of 60.3 feet bgs. Groundwater was not encountered. Blow counts recorded for every 6 inches of drive (or fraction thereof) with a 140-lb automatic trip hammer / 30-inch drop.						
290	65													
285	70													
280	75													
275	80													
270	85													
265	90													

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