

DEPTH, METERS	ELEVATION, METERS	RECOVERY	GRAPHIC LOG	VISUAL DESCRIPTION	FACIES <sup>1</sup>	TOTAL DISSOLVED SOLIDS	DENSITY, G/M	MOISTURE CONTENT, PERCENT	UNDRAINED SHEAR STRENGTH, KV/M	SAMPLING INFORMATION	CORE SECTIONS	REMARKS	ELEVATION, METERS	DEPTH, METERS	DEPTH, FEET
												Ground-surface elevation 20.42 m			
5			[Pattern]	CLAY, silty, scattered sand near top	III		1.99	25 30 35 40	25 50 75 100 125 150 175	Sampler pushed hard near bottom	1A		5		50
16			[Pattern]	SAND, very fine, well-sorted, uniform	VII		2.03				1B		16		
4										No sample			4		55
17			[Pattern]	SAND, very fine, uniform	VII								17		
3			[Pattern]	CLAY, silty SILT, clayey; thin beds of silty fine sand	III	2.02	1.97	25 30 35 40	25 50 75 100 125 150 175	Sampler pushed easy	2A 2B	Only evidence that sand is in place is cohesive feel, same as above	3		
18			[Pattern]	CLAY, silty SILT, clayey, uniform						No sample			18		
2			[Pattern]	CLAY, silty SILT, clayey; thin beds of silty fine sand near base			1.92	25 30 35 40	25 50 75 100 125 150 175				2		60
19			[Pattern]	CLAY, silty SILT, clayey	III		2.02	25 30 35 40	25 50 75 100 125 150 175	Sampler pushed easy	3A 3B		19		
1			[Pattern]	CLAY, silty SILT, clayey; thin silty fine sand beds									1		
20	SEA LEVEL		[Pattern]	CLAY, silty; slightly oxidized silt bleb SILT, clayey CLAY, silty; silty fine sand beds SILT, clayey; thick interbeds of silty clay			1.93	25 30 35 40	25 50 75 100 125 150 175		4A	Silt bleb similar to that at bottom of hole B-5	20	SEA LEVEL	65
21			[Pattern]	CLAY, silty; silty fine sand interbeds SILT, clayey; CLAY, silty; SILTY FINE SAND, all interbeds SILT			1.93	25 30 35 40	25 50 75 100 125 150 175	Sampler pushed med.-easy	4B		21		
			[Pattern]	SILT, clayey; silty fine sand interbeds			1.97	25 30 35 40	25 50 75 100 125 150 175		4C		21		
			[Pattern]	CLAY, silty; clayey silt interbeds at base CLAY, silty, massive SILT, clayey	III or IV		1.94	25 30 35 40	25 50 75 100 125 150 175		5A		-1		70
22			[Pattern]	CLAY, shell		2.54	1.97	25 30 35 40	25 50 75 100 125 150 175	Sampler pushed med.-easy	5B		22		
			[Pattern]	SILT, clayey; interbeds of silty fine sand SILT CLAY, silty; interbeds of silty fine sand SILT, clayey; very fine sand scattered throughout CLAY			1.97	25 30 35 40	25 50 75 100 125 150 175		5C		-2		75
23				CLAY, silty; medium fine sand scattered throughout									23		
-3										Sampler pushed easy but lost sample			-3		
24													24		
4			[Pattern]	CLAY; angular clast	I		1.98	25 30 35 40	25 50 75 100 125 150 175		6A		-4		80
25			[Pattern]	CLAY, silty; pebbles CLAY; scattered coarse sand, massive SILT, clayey, diamicton, massive CLAY, silty, diamicton, massive SILT, clayey, diamicton, very fine sand, massive CLAY, silty; scattered coarse sand CLAY with pebbles; massive			2.02	25 30 35 40	25 50 75 100 125 150 175	Sampler pushed med.-easy	6B		25		
5			[Pattern]	CLAY, silty; coarse sand scattered in upper half, pebbles near base, massive			1.99	25 30 35 40	25 50 75 100 125 150 175		6C		-5		
26			[Pattern]	SILT, clayey; scattered very fine sand			1.99	25 30 35 40	25 50 75 100 125 150 175		7A		26		85
6			[Pattern]	CLAY, silty; scattered very fine to coarse sand and scattered small pebbles near base SILT, clayey, diamicton, massive			2.01	25 30 35 40	25 50 75 100 125 150 175	Sampler pushed hard, end of tube bent	7B		-6		
27			[Pattern]	CLAY, silty; zones of scattered coarse sand, diamicton, massive			1.97	25 30 35 40	25 50 75 100 125 150 175		7C		27		
7			[Pattern]										-7		90
28			[Pattern]	SILT, clayey; scattered medium to coarse sand, massive CLAY, silty; scattered medium sand, massive SILT, clayey; scattered fine to coarse sand, massive CLAY, silty, massive SILT, clayey; irregular interbeds of medium sand and silty clay CLAY, silty, diamicton, massive SILT, clayey, diamicton, massive	V		2.01	25 30 35 40	25 50 75 100 125 150 175		8A		28		
8			[Pattern]	CLAY, silty; thin bed of clayey silt separating major zones of scattered fine to coarse sand and diamicton, massive			2.03	25 30 35 40	25 50 75 100 125 150 175		8B		-8		
			[Pattern]				2.00	25 30 35 40	25 50 75 100 125 150 175		8C		28		
29			[Pattern]	SILT, clayey; scattered very fine sand			1.95	25 30 35 40	25 50 75 100 125 150 175		9A		29		95
9			[Pattern]	CLAY, silty; scattered fine sand and pebbles; massive CLAY, massive			2.05	25 30 35 40	25 50 75 100 125 150 175		9B		-9		
30			[Pattern]	CLAY, silty; scattered medium to coarse sand and pebbles; massive CLAY, massive							9C		30		
-10													-10		100

<sup>1</sup>According to descriptions of Bootlegger Cove Formation facies in Updike and Carpenter, 1986

- EXPLANATION
- Medium sand
  - ⊠ Fine sand
  - ▨ Silty fine sand
  - Silt
  - ⊙ Clayey silt
  - ⊗ Silty clay
  - Clay
  - △ Diamicton
  - ⊙ Value not in range of column
  - Open gaps in "Recovery" column indicate sample was lost

GEOTECHNICAL BOREHOLE LOG: USGS-B-3, LYNN ARY PARK, ANCHORAGE, ALASKA