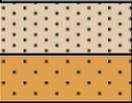
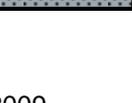
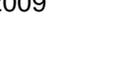


Sample Description For Virginia Beach Geoprobe Site 62A 19

Depth	Lithology	Recovery	Description
0-4		90+	Very silty, med sand. Moderately plastic. Mica common. DM and colored grains uncommon. Material is mottled orange and gray. Material is moist at 2 ft.
4-8		100	Light brown, moderately silty, subangular to rounded med sand. Slightly plastic. Dark organic layer at 5 ft. Coarsens downward to 6.5 ft at which point it also assumes a bright orange color. Bottom of sample is tan, clean, med to coarse sand. DM and mica are rare.
8-12	 	70+	Removed upper 0.5-1 ft to retrieve drive point. Upper zone is a tan, clean, well rounded, well sorted, med qtz sand. DM uncommon. 10-12 ft: dark rusty orange, moderately well sorted, generally well rounded, coarse qtz sand. DM and colored grains common.
12-16	 	60	12-14 ft: same clean, coarse sand as above. 14-16 ft: tan, clean, fine qtz sand. DM and mica common. SC = 425 μ S/cm.
16-20		100	Upper portion of interval is the same as the bottom of the last. This grades to a tan, well rounded, v clean, med sand. Mica and DM scarce. Much water.
20-24	 	50	Removed upper 1 ft to retrieve drive point. Upper portion is a tan, clean, well rounded, med sand. Lower portion is less well sorted, having a larger fraction of coarse grained material. Colored grains are also more common. DM uncommon. Much water.
24-27.5	  	50	Lost the lower foot of sample while retrieving the drive point. Same coarse sand as above. Changes to a moderately poorly sorted, slightly silty to v sandy fine sand. Mica scarce. DM uncommon.
28-31.5	  	100	Liner shattered during recovery. Collected 3 jar samples. SC = 271 μ S/cm. 28-28.4 ft: orangish-tan, subrounded, slightly silty med sand. DM common. Colored grains uncommon. Thin lenses of sandy silt are interfingering. 28.4-31.6 ft: 2-10 cm-scale interbedding of GRAY, slightly silty, fine to med sand and slightly sandy or sandless silt. 31.6-32: gray, silty, shelly, med qtz sand.
32-35.5	 	100+	32-34.5 ft: gray, v silty, fine to med sand. Shell frags. 34.5-35.5: dense, plastic, silty clay. Mica common.
36-40		0	No recovery. Pushing v easy. (Too plastic? Pulled back out of liner?)
38.5-43.5	 	100	38.5-40 ft: slightly v fine to fine sandy, clayey silt. Grades to a much less silty, v saturated, fine to med sand. Mica and DM abundant. This grades back to a v fine to fine sandy, clayey, silt. Mica abundant.
44-47.5	 	100+	44-45.6 ft: v silty, v fine to fine sand to v fine to fine sandy silt. 45-6-46 ft: much less silty. 46-46.7 ft: Same as 44-45.6 ft. 46.7-47.5 ft: gray, v clean, fine to med sand. DM and mica abundant.
48-49			
49-50		100+	Gray, clean, v fine to fine sand. DM abundant. SC = 384 μ S/cm.