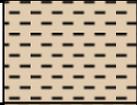


Sample Description For Virginia Beach Geoprobe Site 61D 7

Depth	Lithology	Recovery	Description
0-4		95	Sandy silt. Mica near bottom of sample
4-8		95	4-6 ft is moist sandy silt to silty sand -- plastic. At 6 ft the material becomes a tan, clean, well sorted, rounded to well rounded, med sand. Unsaturated.
8-12		95	Material is the same as above from 8-9.5 ft. At 9.5 ft, a coarser sand fraction is present. Beginning at 10 ft, the material is a v coarse sand and is wet. From 10.7 ft to the bottom, the material is a tan, subrounded, med to coarse sand w/ DMs and colored grains are common. SC = 286 μ S/cm.
12-16		90	Tan, clean, rounded to well rounded fine qtz sand w/ DMs common. Upper 0.6 ft of sample removed to retrieve drive point.
16-20		50	Material is similar to that described in the last interval, but there is a bit more variability in grain size -- up to a med sand. Upper 0.3 ft of sample removed to retrieve drive point.
20-22			Driller Note: Switching to 2 ft sampler. Driving until something different is reached. Up to this point, driving has been rather difficult.
22-24		100+	Lost upper 0.8 ft during liner retrieval from barrel. This material was easy to drill through - requiring only pushing and light hammering. The material is a tan to orangish tan, subangular to well rounded coarse sand. Colored grains are generally more angular and vary from pinks to
24-32			Driller Note: Hammering was needed up to 32 ft. At 32 ft, easy pushing.
32-34		5-10	Sample barrel mostly empty upon retrieval. We probably lost the bottom 1.8 ft of sample. A 0.2 ft plug was all that was present, but the drive point and rod were fully extended. The material is a gray, silty, fine sand w/ mica and DM.
34-44			Driller Note: Easy pushing from 36-46 ft. 44-46 ft was collected simply to verify material.
44-46		100	Silty clay. No trace of sand.

Sample Description For Virginia Beach Geoprobe Site 61D 7

46-52			Driller Note: Driving became slightly more difficult from 47-48 ft, but still no hammering. Gradual increase in difficulty from 50-52 ft, becoming extremely difficult at 52 ft, requiring hard hammering.
52-54		60	Gray, v fine to fine sand. Larger med sand-sized mica is uncommon. There is a small silty fraction in the material, giving it a very slight bit of plasticity. DM are common.
54-69.5			Driller Note: 54-68.5 ft feels similar to above. At 68.5 drilling became much more difficult and nearly stopping our advance at 69.25 ft.
69.5-71		100	Gray, clean, subrounded to rounded sand w/ angular to rounded DM and mica common.