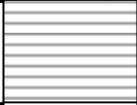


Sample Description For Virginia Beach Geoprobe Site 62C 18

Depth	Lithology	Recovery	Description
0-4		95+	Clayey silt at 2ft
4-8		100	Same clayey silt down to 7.8ft. 7.8-8.0ft is a clean, med-coarse sand. Water at 8 ft
8-12		90	Upper 0.5ft missing. Removed 1.5" of material to retrieve drive point. Color changed from tan to gray at 9.5 ft. Material is a clean, well sorted, subrounded to rounded qtz sand. Good water bearing unit.
12-16		100	Had to retrieve upper 0.5 ft to retrieve drive point. Material same as previous 4 ft. except more dark minerals.
16-20		95+	Same material as above. Flowing sand. Removed upper 6" of section to retrieve drive point.
20-24			Driller Note: Easier pushing beginning at 23 ft
24-26		90	Silty fine to v. fine sand to fine to v. fine sand. A few interspersed clayey beds. Fewer dark minerals. Mica.
26-28			
28-30		85+	Fine to v. fine sand. Less silt than prior interval. Many dark minerals. Some mica. Much water in liner barrel.
30-38			Driller Note: Easy pushing. No hammering needed. Feels similar to the last two sampled intervals.
38-40		70	Fine to v. fine sand. Little silt. Abundant medium-coarse sand-sized shell frags and dark minerals. Coarse to v. fine pebbly sand w/ larger shell frags at 40 ft. Much water. S.C. = 318 μ S/cm.
40-44			
44-46		65+	Silty fine to v. fine sand. Trace coarse sand-sized shell frags. Abundant dark minerals. Noticeably siltier than last interval. Much water.

Sample Description For Virginia Beach Geoprobe Site 62C 18

46-56			
56-58	-	70	Silty v. fine sand. Siltier than last interval. Material is uniform, not interfingered. Slightly more difficult to push through. Much water.
58-64			Driller Note: 62.5-63.5 was a very quick, easy push. Probably a silt lens.
64-66	-	90	V. fine sandy silt. Intercalations of clayey silt to silty clay. Occasional thin beds of pebble-sized shell frags. Much less water than previous intervals.
66-82			Driller Note: No significant change in drilling.
82-84	•••	90+	At 83 ft, drilling became significantly more difficult. Unable to retrieve core from liner. 82 ft is a fine to v. fine sandy clayey silt w/ some shell frags. 83 -84 ft is a med sand.