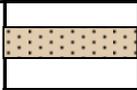
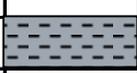


Sample Description For Virginia Beach Geoprobe Site 61D 8

Depth	Lithology	Recovery	Description
0-4		90	Saturation ~2 ft. Brown, fine to med sandy silt to silty fine to med sand. Material is plastic and easily rolls into balls/snakes. A 1 ft layer of v dark (organic rich) soil was encountered from 0-1.
4-8		75	Brown silty material found at the end of the last interval continues to 5 ft. From 5-8 ft, the material becomes increasingly coarser grained. The bottom of the sample is a tan, subangular to rounded, moderately well sorted, med to coarse sand. It appears to be a good water-bearing zone.
8-12		75	
12-16		95	
16-20		0	Barrel was empty upon retrieval. Point was only advanced 0.5 ft up the sample barrel. Fred noted very soft drilling - no hammering. The material encountered was too soft to push the drive point up the barrel and was simply moved out of the way. My best guess as to the material is that it is a very saturated, silty fine to med sand. The rusty colored material present above and below this layer suggests a highly permeable zone with a good connection to the surface.
20-23.5		100	
24-27.5		100+	
28-31.5		15	
32-35.5		100+	
36-39		100+	
39-40			Driller Note: Switching to 2 ft sampler
40-42		95	
42-48			
48-50		90	

Sample Description For Virginia Beach Geoprobe Site 61D 8

50-58			Driller Note: Softer to ~57 ft then harder pushing. At 58 ft drilling became much harder.
58-60		100	Gray, fine to med sand. Mica and heavies abundant.
60-63			Driller Note: Stopped dead at 63 ft. Attempted to collect a sample, but a coupling on the inner rod broke and we were unable to obtain a sample.