

PJ45-04

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Vibrocore KHV-108

Uncorrected Depth : 44.0 feet
 Tide : +2.4 feet
 Corrected Depth : 41.6 feet (1)
 Vibration time : 706"
 Core penetration : 17.0 feet
 Core recovery : 16.5 feet (3)
 Percent recovery : 97 % (3)

Date : April 27, 2000
 Weather : Light Rain, 2'-4' seas
 Vibrocore contractor : Alpine Ocean Seismic Sur.
 Location : Area G
 Northing Coord. : N 221,010.3 DE-NAD 83
 Easting Coord. : E 775,033.7 DE-NAD 83

U.S. Army Corps of Engineers
 Vibrocore-Delaware Coast
 Contract Number DACW-61-98-D-0008
 Task Order 22
 2000 Vibrocore: Bethany/South Bethany PED

Depth in Feet	Soil Surf. Elev.	USCS	GRAPHIC	DESCRIPTION	Core Interval	Sample No./Interval
0	-42	SP		Brown/gray fine SAND, some medium sand, trace gravel, trace coarse sand, trace silt/clay, trace shell fragments.	1	1/0.0-5.0
5	-47	SP		Brown/gray medium to coarse SAND, some gravel, some fine sand, trace silt/clay, trace shell fragments.	2	2/5.0-8.1
10	-52	SP-SM		Light-gray/yellow medium SAND and fine sand, trace silt/clay, trace coarse sand, trace gravel.	3	3/8.1-10.0
15	-57	SP-SM		Light-gray/yellow fine SAND, some medium sand, trace silt/clay, trace coarse sand, trace gravel.	4	4/10.0-12.8
20		SP		Light-brown/gray/orange medium SAND, little fine sand, trace gravel, trace coarse sand, trace silt/clay.	5	5/12.8-16.6

Notes:

1. Corrected water depth and soil surface elevation datum is NGVD.
2. Sample depths are based on core recovery lengths.
3. Core recovery measured in field, may not be reflected in total sample length.

4. Soil descriptions & USCS classifications according to Visual-Manual Procedure (ASTM D 2488) and/or mechanical sieve analysis if analysis performed.