

PJ44-01

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Vibrocore KHV-107

Uncorrected Depth : 44.3 feet
 Tide : +2.8 feet
 Corrected Depth : 41.7 feet (1)
 Vibration time : 1'43"
 Core penetration : 19.8 feet
 Core recovery : 18.5 feet (3)
 Percent recovery : 95 % (3)

Date : April 27, 2000
 Weather : Light Rain, 2'-4' seas
 Vibrocore contractor : Alpine Ocean Seismic Sur.
 Location : Area G
 Northing Coord. : N 221,007.8 DE-NAD 83
 Easting Coord. : E 770,004.8 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. -41.7 (1)	USCS	GRAPHIC	DESCRIPTION	Core interval	Sample No./Interval
0	-42	SP-SM		Light-gray/yellow fine SAND and medium sand, little silt/clay, trace gravel, trace coarse sand, trace shell fragments.	1	1/0.0-5.0
5	-47	SP-SM		Light-gray/yellow fine SAND, some medium sand, trace silt/clay, trace gravel, trace coarse sand.	2	2/5.0-9.8
10	-52	SM		Tan/light-gray fine SAND, little silt/clay, trace medium sand, trace gravel, trace coarse sand.	3	3/9.8-10.9
		SM		Tan/light-gray fine SAND, little medium sand, little silt/clay.		4/10.9-15.0
15	-57	SM		Tan/light-gray fine SAND, little silt/clay, trace medium sand.	4	5/15.0-18.4
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Notes:

- Corrected water depth and soil surface elevation datum is NGVD.
- Sample depths are based on core recovery lengths.
- 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.