

QJ15-03

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Vibrocore KHV-115

Uncorrected Depth : 44.5 feet
Tide : +0.5 feet
Corrected Depth : 44.0 feet (1)
Vibration time : 4'15"
Core penetration : 18.5 feet
Core recovery : 18.5 feet (3)
Percent recovery : 100% (3)

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

Date : April 27, 2000
Weather : Overcast, 2'-4' and subsiding
Vibrocore contractor : Alpine Ocean Seismic Sur.
Location : Area G
Northing Coord. : N 212,027.1 DE-NAD 83
Easting Coord. : E 772,994.8 DE-NAD 83

Depth in Feet	Soil Surf. Elev. (1)	USCS	GRAPHIC	DESCRIPTION	Core Interval	Sample No./Interval
0	-44	SW-SM		Dark-olive medium SAND, some gravel, little fine sand, trace coarse sand, trace silt/clay, trace shell fragments.	1	1/0.0-1.2
		SM		White fine SAND, some medium sand, little silt/clay, trace coarse sand, trace gravel.		2/1.2-4.3
5	-49	SP-SM		Light-gray/tan medium SAND, some fine sand, trace silt/clay, trace gravel, trace coarse sand.	2	3/4.3-9.1
10	-54	SP-SM		Tan/gray medium SAND, little fine sand, trace silt/clay, trace coarse sand.	3	4/9.1-11.2
		SP-SM		Tan/gray medium SAND, little fine sand, trace coarse sand, trace silt/clay, trace gravel.		5/11.2-13.0
		SP-SM		White medium SAND and fine sand, trace silt/clay, trace coarse sand, trace gravel.		6/13.0-14.1
15	-59	SP-SM		White/light-gray medium SAND and fine sand, trace silt/clay, trace coarse sand, trace gravel.	4	7/14.1-18.1
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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
 - Soil descriptions & USCS classifications according to Visual-Manual Procedure (ASTM D 2488) and/or mechanical sieve analysis if analysis performed.