

Pj 54-01

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**Vibrocore KHV-113**

Uncorrected Depth : 48.5 feet  
 Tide : +0.4 feet  
 Corrected Depth : 48.1 feet (1)  
 Vibration time : 4'30"  
 Core penetration : 19.1 feet  
 Core recovery : 19.0 feet (3)  
 Percent recovery : 100% (3)

Date : April 27, 2000  
 Weather : Lt. Rain, 2'-4' and subsiding  
 Vibrocore contractor : Alpine Ocean Seismic Sur.  
 Location : Area G  
 Northing Coord. : N 214,972.6 DE-NAD 83  
 Easting Coord. : E 770,021.2 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. -48.1 (1)	USCS	GRAPHIC	DESCRIPTION	Core interval	Sample No./Interval
0		SP		Dark-olive medium SAND, some fine sand, little gravel, trace coarse sand, trace silt/clay, trace shell fragments.		1/0.0-1.0
-49		SP		Light-gray/tan medium SAND and fine sand, trace coarse sand, trace silt/clay, trace gravel.	1	2/1.0-5.0
5		SP		Light-gray/tan medium SAND, some fine sand, trace silt/clay, trace coarse sand.	2	3/5.0-10.0
-54		SP		Light-gray/tan medium SAND, some fine sand, trace silt/clay, trace coarse sand.		
10		SP		Light-gray/tan medium SAND and fine sand, trace silt/clay, trace gravel, trace coarse sand.	3	4/10.0-15.0
-59		SP		Light-gray/tan medium SAND and fine sand, trace silt/clay, trace gravel, trace coarse sand.		
15		SP		Light-gray/tan fine SAND, some medium sand, trace silt/clay.	4	5/15.0-20.0
-64		SP		Light-gray/tan fine SAND, some medium sand, trace silt/clay.		
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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.