

PJ43-67

DUFFIELD ASSOCIATES <small>3400 LIMESTONE ROAD WILMINGTON, DELAWARE 19808-1232 TEL: (302)236-8634 FAX: (302)236-8485 E-MAIL: DUFFIELD@DUFFNET.COM</small>	Vibrocore KHV-104 R1	Uncorrected Depth : 26.9 feet Tide : 0.0 feet Corrected Depth : 26.9 feet (1) Vibration time : 9'34" Core penetration : 14.2 feet Core recovery : 14.4 feet (3) Percent recovery : 101 % (3) (4)
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 30, 2000 Weather : Sunny, breezy, 60's Vibrocore contractor : Alpine Ocean Seismic Sur. Location : Indian River Ebb Shoal Northing Coord. : N 220,999.3 DE-NAD 83 Easting Coord. : E 762,809.0 DE-NAD 83	

Depth in Feet	Soil Surf. Elev. -26.9 (1)	USCS	GRAPHIC	DESCRIPTION	Core interval	Sample No./Interval
0	-27	SP	•••••	Light-gray fine SAND, some medium sand, trace silt/clay.	1	1/0.0-5.3
5	-32	SP	•••••	Light-gray fine SAND, little medium sand, trace silt/clay.	2	2/5.3-10.3
10	-37	SP	•••••	Light-gray fine SAND, trace medium sand, trace silt/clay.	3	3/10.3-14.6
15	-42					
20						

08-07-2000 f:\boring_logs\vibro2000\decoast\khv104r1 bor

- 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. Percent recovery reflects "over recovery" of sample possibly due to sample heave in liner and/or difficulty of penetration through dense strata.
 5. Soil descriptions & USCS classifications according to Visual-Manual Procedure (ASTM D 2488) and/or mechanical sieve analysis if analysis performed.