
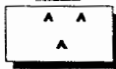
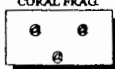



VIBRACORE LOG																																																																									
PROJECT: <u>NORTH BOCA RATON BORROW AREA (1984)</u>				CORE NO: <u>BR-8</u>																																																																					
<b>COORDINATES:</b> N = 741173 E = 807897	<b>DATE:</b> SEPT. 12, 1984 <b>START TIME:</b> 1300 <b>END TIME:</b> 1245	<b>WATER DEPTH:</b> 47.0 FL NGVD <b>DRILLER:</b> EXMAR (W. BARTH) <b>CLIENT REP:</b> R. SPADONI																																																																							
<b>CORE DIAMETER:</b> 2.5" <b>LENGTH OF BARREL:</b> 20.0' <b>PENETRATION DEPTH:</b> 19.0' <b>LENGTH RECOVERED:</b> 19.0' <b>PERCENT RECOVERED:</b> 95 % <b>LENGTH RETAINED :</b> 19.0'	<b>SUPPORT VESSEL:</b> SEAWARD EXPLORER <b>POSITIONING:</b> TRISPOUNDER	<b>WEATHER:</b> <b>WIND:</b> DIR: SPEED: <b>WAVES:</b> DIR: HEIGHT:	<b>ANALYSIS BY CPE 1994</b> <b>ANALYSIS BY UF 1984</b> <b>ANALYSIS METHOD:</b> VISUAL LOGGING MECHANICAL SIEVE	<div style="display: flex; justify-content: space-around;"> <div style="text-align: center;"> <b>SAND</b>   </div> <div style="text-align: center;"> <b>SHELLS</b>   </div> </div> <div style="display: flex; justify-content: space-around; margin-top: 10px;"> <div style="text-align: center;"> <b>CORAL FRAG.</b>   </div> <div style="text-align: center;"> <b>SHELL HASH</b>   </div> </div>	<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 10%;">ELEV.</th> <th style="width: 10%;">DEPTH</th> <th style="width: 10%;">LEGEND</th> <th style="width: 30%;">DESCRIPTION</th> <th style="width: 10%;">SAMP NO.</th> <th style="width: 10%;">REMARKS</th> </tr> </thead> <tbody> <tr> <td style="text-align: center;">47.0'</td> <td style="text-align: center;">0.0</td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td></td> <td style="text-align: center;">1.5'</td> <td rowspan="3" style="text-align: center; vertical-align: middle;">D R E D G E  1 9 8 8</td> <td rowspan="3" style="text-align: center; vertical-align: middle;">GRAY, MEDIUM GRAIN SAND WITH SHELL HASH</td> <td></td> <td style="text-align: center;">0.2 % SILT</td> </tr> <tr> <td></td> <td style="text-align: center;">4.0'</td> <td></td> <td style="text-align: center;">0.1 % SILT CUT</td> </tr> <tr> <td></td> <td style="text-align: center;">7.0'</td> <td></td> <td style="text-align: center;">1.2 % SILT</td> </tr> <tr> <td></td> <td style="text-align: center;">9.0 FT</td> <td></td> <td></td> <td></td> <td style="text-align: center;">CUT</td> </tr> <tr> <td></td> <td style="text-align: center;">10.0</td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td></td> <td style="text-align: center;">11.7</td> <td></td> <td></td> <td></td> <td style="text-align: center;">2.05 Phi 0.24 mm 3.1 % SILT (SP) &lt;0.1 % SILT CUT</td> </tr> <tr> <td></td> <td style="text-align: center;">15.0</td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td></td> <td style="text-align: center;">17.0'</td> <td></td> <td style="text-align: center;">BROWN/GRAY, FINE GRAIN SAND WITH SHELLS AND SHELLS HASH</td> <td></td> <td style="text-align: center;">2.11 Phi 0.23 mm 5.4 % SILT (SP) 0.2 % SILT</td> </tr> <tr> <td></td> <td style="text-align: center;">19.0</td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td></td> <td style="text-align: center;">20.0</td> <td></td> <td></td> <td></td> <td></td> </tr> </tbody> </table>	ELEV.	DEPTH	LEGEND	DESCRIPTION	SAMP NO.	REMARKS	47.0'	0.0						1.5'	D R E D G E  1 9 8 8	GRAY, MEDIUM GRAIN SAND WITH SHELL HASH		0.2 % SILT		4.0'		0.1 % SILT CUT		7.0'		1.2 % SILT		9.0 FT				CUT		10.0						11.7				2.05 Phi 0.24 mm 3.1 % SILT (SP) <0.1 % SILT CUT		15.0						17.0'		BROWN/GRAY, FINE GRAIN SAND WITH SHELLS AND SHELLS HASH		2.11 Phi 0.23 mm 5.4 % SILT (SP) 0.2 % SILT		19.0						20.0				
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NOTE: MEAN WAS CALCULATED USING 5 POINT METHOD  
 NOTE: UF 1984 COMPOSITE 0.31 mm / CPE 1994 COMPOSITE 0.24 mm

**COASTAL PLANNING & ENGINEERING, INC**