

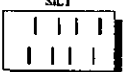



VIBRACORE LOG																																																															
PROJECT: <u>CAPTIVA / SANIBEL BORROW AREA III A</u>				CORE NO: <u>SB7</u>																																																											
<b>COORDINATES:</b>  N = 749843  E = 423586	<b>DATE:</b> JANUARY 24, 1994  <b>START TIME:</b> 1435  <b>END TIME:</b> 1439	<b>WATER DEPTH:</b> 35.0 Ft. NGVD  <b>DRILLER:</b> EXMAR (M. CLARKE)  <b>CLIENT RE P:</b> MDA																																																													
<b>CORE DIAMETER:</b> 2.5"  <b>LENGTH OF BARREL:</b> 11.5'  <b>PENETRATION DEPTH:</b> 5.0'  <b>LENGTH RECOVERED:</b> 3.5'  <b>LENGTH RETAINED :</b> 3.5'	<b>SUPPORT VESSEL:</b> EXMAR I  <b>POSITIONING:</b> TRISPOUNDER	<b>WEATHER:</b>  <b>WIND:</b> DIR: N/NE SPEED: 10 TO 15 Kt  <b>WAVES</b> DIR: NORTH HEIGHT: 1 TO 2 Ft.	<b>ANALYSIS BY:</b> MDA <b>DATE:</b> JAN. 30, 1994  <b>ANALYSIS METHOD:</b> VISUAL LOGGING MECHANICAL SIEVE	<div style="display: flex; justify-content: space-around; font-size: small;"> <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; font-size: small;"> <div style="text-align: center;"> <b>SILT</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>35.0'</td> <td>0.0</td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>36.0'</td> <td>1.8</td> <td style="text-align: center;">~ ~ ~</td> <td>GRAY, FINE GRAIN SAND WITH SHELL HASH</td> <td>1</td> <td rowspan="3">1.46 Phi 0.36 mm 3.2 % SILT (SP)</td> </tr> <tr> <td></td> <td>2.5</td> <td style="text-align: center;">~ ~ ~</td> <td>LT. GRAY, FINE GRAIN SAND WITH SHELL HASH AND SHELLS</td> <td></td> </tr> <tr> <td></td> <td>2.7</td> <td style="text-align: center;">~ ~ ~</td> <td>LT. GRAY, FINE GRAIN SAND WITH SHELL HASH AND SILT</td> <td>2</td> </tr> <tr> <td>38.0'</td> <td>3.4</td> <td style="text-align: center;">  ~   ~   ~</td> <td></td> <td>3.0'</td> <td>2.48 Phi 0.18 mm 24 % SILT (SM)</td> </tr> <tr> <td>38.4'</td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>40.0'</td> <td>5.0</td> <td style="text-align: center;">     </td> <td>HARD SUBSTRATE</td> <td></td> <td>NOT RECOVERED</td> </tr> <tr> <td></td> <td>7.5</td> <td></td> <td>NOTE: SHORT RECOVERY DUE TO COMPACTED MATERIAL IN CORE BARREL PUSHING THROUGH SOFTER LOWER LAYER. MISSING MATERIAL SIMILAR TO LOWEST RECOVERED MATERIAL.</td> <td></td> <td></td> </tr> <tr> <td></td> <td>10.0</td> <td></td> <td></td> <td></td> <td></td> </tr> </tbody> </table>	ELEV.	DEPTH	LEGEND	DESCRIPTION	SAMP NO.	REMARKS	35.0'	0.0					36.0'	1.8	~ ~ ~	GRAY, FINE GRAIN SAND WITH SHELL HASH	1	1.46 Phi 0.36 mm 3.2 % SILT (SP)		2.5	~ ~ ~	LT. GRAY, FINE GRAIN SAND WITH SHELL HASH AND SHELLS			2.7	~ ~ ~	LT. GRAY, FINE GRAIN SAND WITH SHELL HASH AND SILT	2	38.0'	3.4	~   ~   ~		3.0'	2.48 Phi 0.18 mm 24 % SILT (SM)	38.4'						40.0'	5.0		HARD SUBSTRATE		NOT RECOVERED		7.5		NOTE: SHORT RECOVERY DUE TO COMPACTED MATERIAL IN CORE BARREL PUSHING THROUGH SOFTER LOWER LAYER. MISSING MATERIAL SIMILAR TO LOWEST RECOVERED MATERIAL.				10.0				
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NOTE: MEAN WAS CALCULATED USING MOMENT MEASURE METHOD (BALSILUE 1994)

COASTAL PLANNING & ENGINEERING, INC