

<b>DRILLING LOG</b>		<b>DIVISION:</b> South Atlantic	<b>INSTALLATION:</b> Jacksonville District	<b>SHEET</b> 1 of 1
<b>1. PROJECT</b> DELRAY BEACH		<b>10. SIZE AND TYPE OF BIT</b> 3"		
<b>2. LOCATION</b> (Coordinates or Station) X= 967281 Y= 773720		<b>11. DATUM FOR ELEVATION SHOWN</b> (TBM or MSL) NGVD		
<b>3. DRILLING AGENCY:</b> ALPINE SEISMIC		<b>12. MANUFACTURER'S DESIGNATION OF DRILL</b> ALPINE PNEUMATIC		
<b>4. HOLE NO.</b> (As shown on drawing title and file number) DB-99-20		<b>13. TOT NO. OF OVERBURDEN SAMPLES TAKEN</b> disturbed: 0.0 undisturbed: 0.0		
<b>5. NAME OF DRILLER</b> ROB SUSKO		<b>14. TOTAL NO. OF CORE BOXES</b> 1		
<b>6. DIRECTION OF HOLE</b> VERTICAL		<b>15. ELEVATION GROUND WATER</b>		
<b>7. THICKNESS OF BURDEN</b> 0.0 FT		<b>16. DATE HOLE</b> Started Completed 4/20/99 4/20/99		
<b>8. DEPTH DRILLED INTO ROCK</b> 0.0 FT		<b>17. ELEVATION TOP OF HOLE</b> -66.0 ft.		
<b>9. TOTAL DEPTH OF HOLE</b> 17.2' FT		<b>18. TOTAL CORE RECOVERY FOR BORING</b> 88%		
		<b>19. SIGNATURE OF GEOLOGIST</b> IBRAHIM DREMALI		

ELEV.	DEPTH	LEGEND	CLASSIFICATION OF MATERIALS (Description)	CORE REC %	SAMPLE NUMBER	REMARKS
-66	0					SP
	1		SAND, fine grained, trace shell hash, Light Gray (5Y-7/1) (SP)		1	Sample #1, Depth = 2.0' 0.14 mm, 0.41 phi sorting 2.81% silt
	2					
	3					
	4					
-71	5		4" coral fragment			
	6		fine-grained, little shell hash, Light Gray (5Y-7/1) (SP) from -71.5' to -74.0'		2	Sample #2, Depth = 6.0' 0.21 mm, 0.97 phi sorting 2.1% silt
	7					
-74	8		fine to medium-grained, shelly sand, Light Gray (5Y-7/1) (SP) from -74.0' to -74.5'		3	Sample #3, Depth = 8.3' 0.37 mm, 1.43 phi sorting 2.26% silt
-74.5	9		fine-grained, little shell hash, Gray (5Y-6/1) (SP) from -74.5' to -76.9'		4	Sample #4, Depth = 10.0' 0.23 mm, 1.24 phi sorting 2.71% silt
	10					
-76.9	11		fine-grained, little shell hash, Light Gray (5Y-7/1) (SP) from -76.9' to -78.9'		5	Sample #5, Depth = 12.0' 0.24 mm, 1.20 phi sorting 2.45% silt
	12					
-78.9	13		medium-grained, little shell hash, and shell fragments (0.05" size) Light Gray (5Y-7/1)(SP) from -78.9' to 80.4'		6	Sample #6, Depth = 13.5' 1.09 mm, 2.4 phi sorting 2.20% silt
	14					
-80.4	15		medium-grained, shelly sand, Light Gray (5Y-7/1) (SP) from -80.4' to -81.2'			
	16		medium-grained, little shell hash, Light Gray (5Y-7/1) (SP) from -81.2 to -83.2		7	Sample #7, Depth = 16.0' 0.43 mm, 1.48 phi sorting 2.78% silt
	17					
	18		End of Boring			
	19					
	20					
	21					
	22					
	23					
	24					

Note: Soils are classified in accordance with the Unified Soils Classification System.