

<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>2. LOCATION</b> (Coordinates or Station)		X= 966,715 Y= 776,416		
<b>3. DRILLING AGENCY:</b>		ALPINE SEISMIC		
<b>4. HOLE NO.</b> (As shown on drawing title and file number)		DB-99-4		
<b>5. NAME OF DRILLER</b>		ROB SUSKO		
<b>6. DIRECTION OF HOLE</b>		VERTICAL		
<b>7. THICKNESS OF BURDEN</b>		0.0 FT		
<b>8. DEPTH DRILLED INTO ROCK</b>		0.0 FT		
<b>9. TOTAL DEPTH OF HOLE</b>		18.9' FT		
<b>10. SIZE AND TYPE OF BIT</b>		3"		
<b>11. DATUM FOR ELEVATION SHOWN</b> (TBM or MSL)		NGVD		
<b>12. MANUFACTURER'S DESIGNATION OF DRILL</b>		ALPINE PNEUMATIC		
<b>13. TOT NO. OF OVERBURDEN SAMPLES TAKEN</b>		disturbed: 0.0 undisturbed: 0.0		
<b>14. TOTAL NO. OF CORE BOXES</b>		1		
<b>15. ELEVATION GROUND WATER</b>				
<b>16. DATE HOLE</b>		Started	Completed	
		4/20/99	4/20/99	
<b>17. ELEVATION TOP OF HOLE</b>		-32.8 ft.		
<b>18. TOTAL CORE RECOVERY FOR BORING</b>		99%		
<b>19. SIGNATURE OF GEOLOGIST</b>		IBRAHIM DREMAI		

ELEV.	DEPTH	LEGEND	CLASSIFICATION OF MATERIALS (Description)	CORE REC %	SAMPLE NUMBER	REMARKS
-32.8	0		SAND, fine-grained, Gray (5Y-6/1) (SP)		1	Sample #1, Depth = 0.2' 0.23 mm, 0.92 phi sorting
-33.9	1		fine-grained, trace shell hash, Gray (5Y-6/1) (SP) from -33.2' to -33.9'		2	0.98% silt Sample #2, Depth = 0.8' 0.24 mm, 1.18 phi sorting
-34.8	2		fine-grained, some shell hash, Light Gray (5Y-7/1) (SP) from -33.9' to -34.8'		3	1.0% silt Sample #3, Depth = 1.6' 0.48 mm, 1.56 phi sorting
-35.5	3		fine-grained, little shell hash, Gray (5Y-6/1) (SP) from -34.8' to -35.5'		4	0.82% silt Sample #4, Depth = 2.4' 0.23 mm, 0.68 phi sorting
-37.3	4		fine-grained, little shell hash, Gray (5Y-6/1) (SP) from -35.5' to -37.3'		5	1.07% silt Sample #5, Depth = 3.5' 0.35 mm, 1.16 phi sorting
	5					0.95% silt
	6				6	
	7					
	8					Sample #6, Depth = 8.0' 0.23 mm, 0.78 phi sorting
	9					1.70% silt
	10		fine-grained, trace shell hash, Gray (5Y-6/1) (SP) from -37.3' to -48.5'			
	11					
	12					
	13				7	Sample #7, Depth = 13.0' 0.26 mm, 0.77 phi sorting
	14					1.04% silt
-48.5	15					
-49.3	16		fine-grained, trace shell hash, Gray (5Y-6/1) (SP) from -48.5' to -49.3'			Sample #8, Depth = 16.0' 0.28 mm, 0.85 phi sorting
	17					1.06% silt
	18		fine-grained, trace shell hash, Gray (5Y-5/1) (SP) from -49.3' to -51.7'		8	
-51.7	19					
	20		End of Boring			
	21					
	22					
	23					
	24					

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

PROJECT: Delray Beach

HOLE NUMBER: