

DRILLING LOG		DIVISION:		INSTALLATION:		SHEET 1 of 1	
1. PROJECT COLIER COUNTY				10. SIZE AND TYPE OF BIT 4"			
(Coordinates or Station) 2. LOCATION NAD83 FL East X=204771 Y=752934				11. DATUM FOR ELEVATION SHOWN (TBM or MSL) NGVD			
3. DRILLING AGENCY: Alpine				12. MANUFACTURER'S DESIGNATION OF DRILL Alpine			
4. HOLE NO. (As shown on drawing title and file number) CCVC-03-37				13. TOT NO. OF OVERBURDEN SAMPLES TAKEN Disturbed: 0 Undisturbed: 0			
5. NAME OF DRILLER Jim Cole				14. TOTAL NO. OF CORE BOXES			
6. DIRECTION OF HOLE VERTICAL				15. ELEVATION GROUND WATER			
7. THICKNESS OF BURDEN 0.0 FT				16. DATE HOLE Started Completed 8/11/03 14:41			
8. DEPTH DRILLED INTO ROCK N/A				17. ELEVATION TOP OF HOLE -39.6 FT			
9. TOTAL DEPTH OF HOLE 17.7 FT				18. TOTAL CORE RECOVERY FOR BORING 100%			
				19. SIGNATURE OF GEOLOGIST ML			
ELEV.	DEPTH	LEGEND	CLASSIFICATION OF MATERIALS (Description)	CORE REC %	SAMPLE NUMBER	REMARKS	
-39.6	0						
	1				1	Sample #1, Depth = 1.9 Mean (mm): 0.28, Phi Sorting: 0.73 Shell: 2.09%, Silt: 1.41% (SP)	
	2						
	3						
	4		SAND, fine to medium grained, quartz, trace silt, trace shell hash, 1" whole shell @ 6.0', light gray (5Y-7/1), (SW).		2	Sample #2, Depth = 3.8 Mean (mm): 0.27, Phi Sorting: 0.75 Shell: 2.28%, Silt: 1.28% (SP)	
	5						
	6				3	Sample #3, Depth = 5.8 Mean (mm): 0.28, Phi Sorting: 0.80 Shell: 2.34%, Silt: 3.23% (SP)	
-46.8	7						
	8		SAND, medium grained, quartz, trace silt, little shell hash, trace shell fragments, 1" clay pocket @ 7.3', light gray (5Y-7/1), (SW).		4	Sample #4, Depth = 7.7 Mean (mm): 0.31, Phi Sorting: 1.20 Shell: 5.59%, Silt: 4.72% (SW)	
-48.5	9				5		
	10		SAND, fine grained, quartz, little silt, light gray (5Y-7/1), (SW-SM).		4	Sample #5, Depth = 9.1 Mean (mm): 0.30, Phi Sorting: 1.46 Shell: 6.11%, Silt: 6.44% (SW-SM)	
-49.9	11		SAND, medium grained, quartz, trace silt, some shell hash, light gray (5Y-7/1), (SW).				
	12						
	13		SAND, fine to medium grained, quartz, trace silt, little shell hash, light gray (5Y-7/1), (SW).		6	Sample #6, Depth = 11.5 Mean (mm): 0.23, Phi Sorting: 1.41 Shell: 7.76%, Silt: 10.61% (SW-SM)	
	14						
-54.9	15						
-55.5	16		fine grained, quartz, little silt, trace shell hash, light gray (5Y-7/1), (SW-SM).		5		
	17		medium grained, little silt, some shell hash, 4" carbonate clast @ 17.0'-17.4', light gray (5Y-7/1), (SW-SM).		7	Sample #7, Depth = 16.8 Mean (mm): 0.51, Phi Sorting: 2.53 Shell: 19.14%, Silt: 7.17% (SW-SM)	
-57.3	18						
	19		End of Boring				
	20						
	21						
	22		Note: 1) Soils are field visually classified in accordance with the Unified Soil Classification System.				
	23						
	24						

Penetration Graph for Core No. CCVC-03-37, Run 1

Date: 8/11/03
Start Time: 2:41:33 PM
End Time: 2:47:29 PM

Penetration: 17.67 ft
Recovery: 18.5 ft
W. D. Corrected: 38.9 ft
W. D. Raw: 39.5 ft

Easting: 204771.39
Northing: 752934.08
Coord. System: FL EAST 83

Lat: 26° 23.9079' N
Long: 082° 22.7354' W
Datum: WGS-84

Comment:

