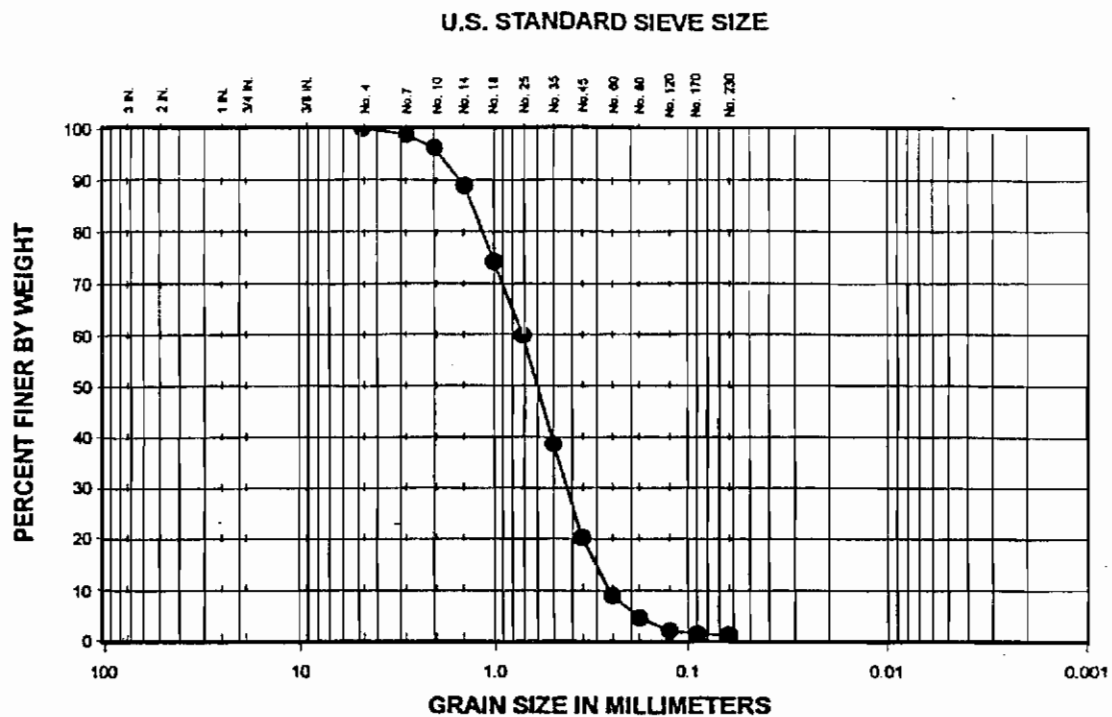



DRILLING LOG		DIVISION South Atlantic		INSTALLATION Jacksonville District		SHEET 1 OF 1	
1. PROJECT DADE COUNTY SPP				10. SIZE AND TYPE OF BIT 3 1/2" Drive Shoe			
2. LOCATION (Coordinates or Station) X=79769.8.4 Y=49986.2.9				11. DATUM FOR ELEVATION SHOWN (TBM or NSL) MLW			
3. DRILLING AGENCY ALPINE OCEAN SURVEY, INC.				12. MANUFACTURER'S DESIGNATION OF DRILL VIBRACORE			
4. HOLE NO. (As shown on drawing title and file number) CB-DAC-179				13. TOTAL NO. OF OVERBURDEN SAMPLES TAKEN disturbed: 0 undisturbed: 0			
5. NAME OF DRILLER NICK PRICE				14. TOTAL NUMBER OF CORE BOXES 2			
6. DIRECTION OF HOLE <input checked="" type="checkbox"/> VERTICAL <input type="checkbox"/> INCLINED				15. ELEVATION GROUND WATER Tide = +3.3			
7. THICKNESS OF BURDEN 0 Ft.				16. DATE HOLE STARTED COMPLETED 7/4/98 1104			
8. DEPTH DRILLED INTO ROCK 0 Ft.				17. ELEVATION TOP OF HOLE -32.9 Ft.			
9. TOTAL DEPTH OF HOLE 19.9 Ft.				18. TOTAL CORE RECOVERY FOR BORING 98 %			
				19. SIGNATURE OF GEOLOGIST ROCKLAND BURR			
ELEV.	DEPTH	LOG	CLASSIFICATION OF MATERIALS (Description)	CORE REC. %	SAMPLE NUMBER	REMARKS	
-32.9	0		Sand, fine grained, light brown, a little shell fragments (SP)			-32.9	0
						Lat-Lon 25 42 21.9N 80 05 45.2W	
						Laboratory Data	
						Depth USCS SpG.	
						3.5 SP	
						6.0 SP-SM	
						7.0 SP-SM	
						13.5 SM	
						18.0 SM	
-38.9	8.0		Sand, fine to coarse grained, light brown (SP-SM)				2.5
-40.9	8.0		Sand, fine to medium grained, some shell fragments, a little shell gravel (SP-SM)				7.5
-44.5	11.6		Silty sand, fine grained, light brown, trace of shell fragments (SM)				10
-52.8	19.9		End of Boring				12.5
			Soils are field visually classified in accordance with the Unified Soils Classification System.				15
							17.5
							20
							22.5



GRAVEL		SAND			SILT	CLAY
COARSE	FINE	COARSE	MEDIUM	FINE		

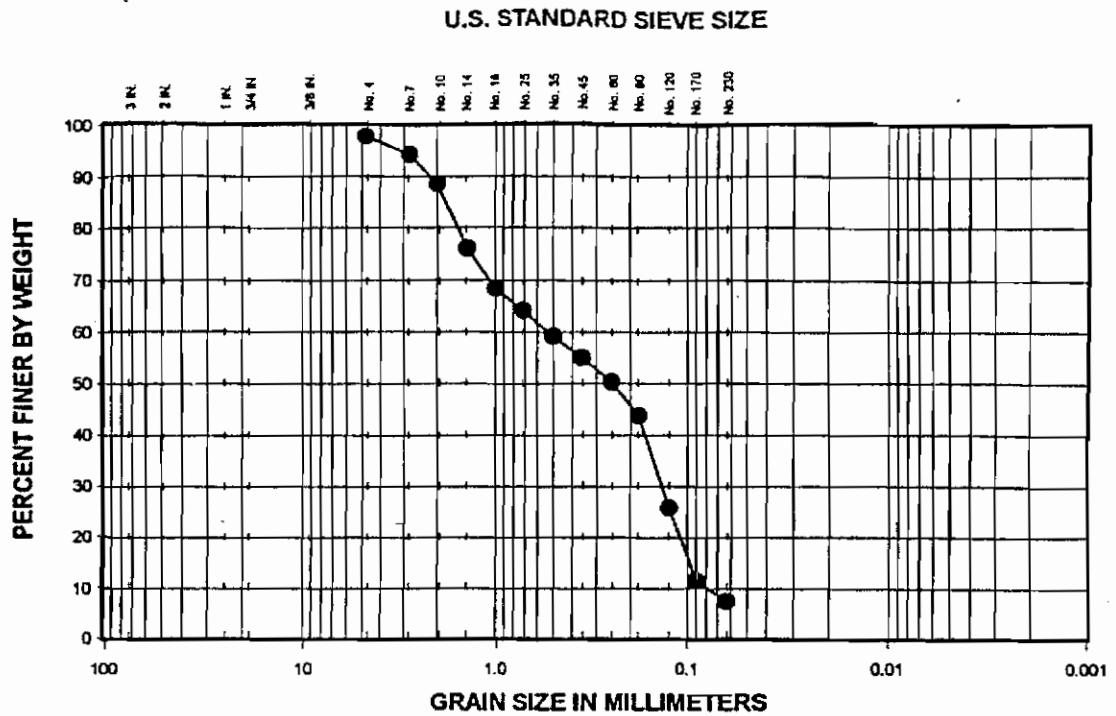
SAMPLE LOCATION	DEPTH	SYMBOL	UNIFIED CLASS.
CB-DAC-179	3.5	●	SP

GRAIN-SIZE DISTRIBUTION

 Ardaman & Associates, Inc. Geotechnical, Environmental and Materials Consultants			
Dade County SSP			
DRAWN BY: GDS	CHECKED BY:	DATE: August, 1996	
FILE NO. 96-026	APPROVED BY:	FIGURE:	

FILE # dade1.pw2


01000-G30



GRAVEL		SAND			SILT	CLAY
COARSE	FINE	COARSE	MEDIUM	FINE		

SAMPLE LOCATION	DEPTH	SYMBOL	UNIFIED CLASS.
CB-DAC-179	6.0	●	SP-SM

GRAIN-SIZE DISTRIBUTION


 Ardaman & Associates, Inc. Geotechnical, Environmental and Materials Consultants			
Dade County SSP			
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FILE NO. 96-026	APPROVED BY:	FIGURE:	

01000-G31

Grain size distribution curve for a sample of sand. The graph plots Percent Finer by Weight (Y-axis, 0 to 100) against Grain Size in Millimeters (X-axis, logarithmic scale from 100 to 0.001). The curve shows that approximately 98% of the sand is finer than 4.75 mm, and about 13% is finer than 0.075 mm.

Grain Size (mm)	Percent Finer (%)
4.75	98
2.5	98
1.18	95
0.85	92
0.6	90
0.425	88
0.3	85
0.25	82
0.15	75
0.075	55
0.0425	28
0.025	13

SAMPLE LOCATION	DEPTH	SYMBOL	UNIFIED CLASS.
CB-DAC-179	13.5	●	SM

	Ardaman & Associates, Inc. Geotechnical, Environmental and Materials Consultants		
	Dade County SSP		
DRAWN BY: QDS	CHECKED BY:	DATE: August, 1996	
FILE NO. 96-026	APPROVED BY:		FIGURE:

