

<b>DRILLING LOG</b>		DIVISION	INSTALLATION	SHEET 1 OF 1
1. PROJECT Dade County Deepwater Geotechnical Study		10. SIZE AND TYPE OF BIT 4" VIBRACORE		
2. LOCATION (Coordinates or Station) X=958376.900 Y=548618.200		11. DATUM FOR ELEVATION SHOWN (TBM or MSL) MLLW		
3. DRILLING AGENCY SEA, Inc./Alpine OSS		12. MANUFACTURER'S DESIGNATION OF DRILL PNEUMATIC VIBRACORE		
4. HOLE NO. (As shown on drawing title and file number) DCV 99-3R2		13. TOTAL NO. OF OVERBURDEN SAMPLES TAKEN disturbed: 2      undisturbed: 0		
5. NAME OF DRILLER Alpine OSS		14. TOTAL NUMBER OF CORE BOXES		
6. DIRECTION OF HOLE <input checked="" type="checkbox"/> VERTICAL <input type="checkbox"/> INCLINED		15. ELEVATION GROUND WATER		
7. THICKNESS OF BURDEN 0 Ft.		16. DATE HOLE STARTED COMPLETED 12-12-99 12-12-99		
8. DEPTH DRILLED INTO ROCK 0 Ft.		17. ELEVATION TOP OF HOLE -169.2 Ft.		
9. TOTAL DEPTH OF HOLE 5.1 Ft.		18. TOTAL CORE RECOVERY FOR BORING 78 %		
		19. SIGNATURE OF G. ZARILLO, SEA, INC		

ELEV.	DEPTH	LEGEND	CLASSIFICATION OF MATERIALS (Description)	CORE REC %	SAMPLE NUMBER	REMARKS	
-169.2	.0					-169.2	0
			Pale brown to white medium to fine carbonate sand, semi-lithified. Rock fragments to 4 inches, mud matrix. 10 YR 8/2 (GW-GM)	100	10		
					3.0		2.5
-173.2	4.0					-173.2	
-174.3	5.1			0		-174.3	5
			Penetration depth				7.5
							10
							12.5
							15
							17.5
							20
							22.5

# Sediment Analysis Data Sheet

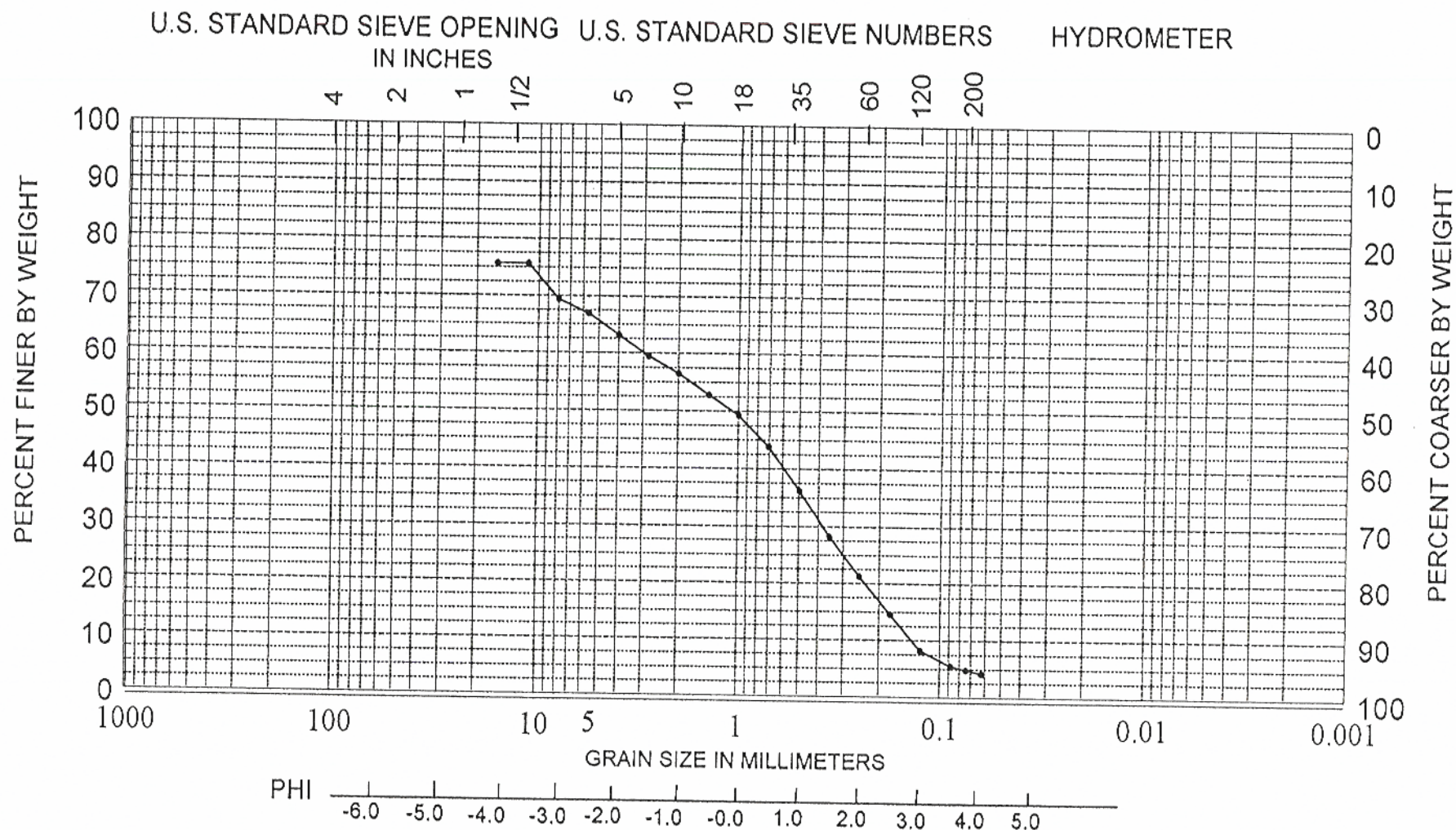
Sample DCV-3R2-1.0

Sieve	Size (mm)	Phi size	Wt	Wt %	Cuml %	Folk	Statistics phi mm	
5/8	16.00	-4.00	10.21	24.22	24.22			
1/2	11.31	-3.50	0.00	0.00	24.22			
5/16	8.00	-3.00	2.68	6.37	30.59			
1/4	5.66	-2.50	1.06	2.51	33.10			
5	4.00	-2.00	1.58	3.75	36.84	5% :	-5.50	45.25
7	2.83	-1.50	1.52	3.60	40.45	16% :	-4.50	22.63
10	2.00	-1.00	1.25	2.96	43.41	25% :	-3.44	10.84
14	1.41	-0.50	1.58	3.75	47.16	50% :	-0.09	1.06
18	1.00	0.00	1.45	3.45	50.61	75% :	1.74	0.30
25	0.71	0.50	2.30	5.46	56.07	84% :	2.40	0.19
35	0.50	1.00	3.22	7.65	63.72	95% :	3.66	0.08
45	0.35	1.50	3.36	7.98	71.70	Med.	-0.09	1.06
60	0.25	2.00	2.96	7.02	78.71	Mean	-0.73	1.66
80	0.18	2.50	2.82	6.68	85.40	St Dev.	3.11	
120	0.13	3.00	2.69	6.38	91.78	Skew	-0.23	
170	0.09	3.50	1.13	2.68	94.46	Kurt.	0.73	
200	0.07	3.75	0.28	0.66	95.12			
230	0.06	4.00	0.26	0.61	95.73			
Pan			0.24	0.57	96.30			
Total			40.58	96.30	96.30			

		Moment		Statistics	
				Phi	mm
Cu =	21.45	Gravel	35 %	Mean	-0.68 1.60
		Coarse Sand	8 %	St. Dev.	2.74 0.15
		ed. Sand	24 %	Skewness	-0.10
Cc =	0.36	Fine Sand	28 %	Kurtosis	1.45
		Silt/Clay	4 %		

SEA, INC.





COBBLES		GRAVEL		SAND			SILT OR CLAY
		COARSE	FINE	COARSE	MEDIUM	FINE	
SAMPLE NO.	ELEV.	CLASSIFICATION					PROJECT
1.0	-170.2	Well graded sand and gravel (GW)					Dade County Deepwater Study
							AREA
							Dade Co., Florida
							BORING NO.
							DCV-3R2
							DATE
							March, 2000

## Sediment Analysis Data Sheet

Sample DCV-3R2-3.0

Sieve	Size (mm)	Phi size	Wt	Wt %	Cuml %	Folk	Statistics phi mm	
5/8	16.00	-4.00	8.74	25.26	25.26			
1/2	11.31	-3.50	0.00	0.00	25.26			
5/16	8.00	-3.00	1.43	4.13	29.39			
1/4	5.66	-2.50	0.67	1.93	31.32			
5	4.00	-2.00	0.61	1.77	33.09	5% :	-5.10	34.30
7	2.83	-1.50	0.66	1.92	35.01	16% :	-4.50	22.63
10	2.00	-1.00	0.92	2.65	37.66	25% :	0.00	1.00
14	1.41	-0.50	1.69	4.87	42.53	50% :	0.23	0.86
18	1.00	0.00	1.64	4.74	47.27	75% :	2.38	0.19
25	0.71	0.50	2.10	6.06	53.33	84% :	3.24	0.11
35	0.50	1.00	2.27	6.55	59.89	95% :	4.30	0.05
45	0.35	1.50	2.02	5.84	65.73	Med.	0.23	0.86
60	0.25	2.00	1.70	4.93	70.66	Mean	-0.35	1.27
80	0.18	2.50	1.97	5.68	76.34	St Dev.	3.36	
120	0.13	3.00	1.87	5.42	81.76	Skew	-0.18	
170	0.09	3.50	1.65	4.76	86.52	Kurt.	1.62	
200	0.07	3.75	0.59	1.71	88.23			
230	0.06	4.00	0.60	1.73	89.96			
Pan			0.74	2.13	92.08			
Total			31.86	92.08	92.08			

Cu = 1.20

Gravel  
Coarse Sand  
ed. Sand  
Fine Sand  
Silt/Clay

32 %  
5 %  
25 %  
27 %  
10 %

Cc = 0.03

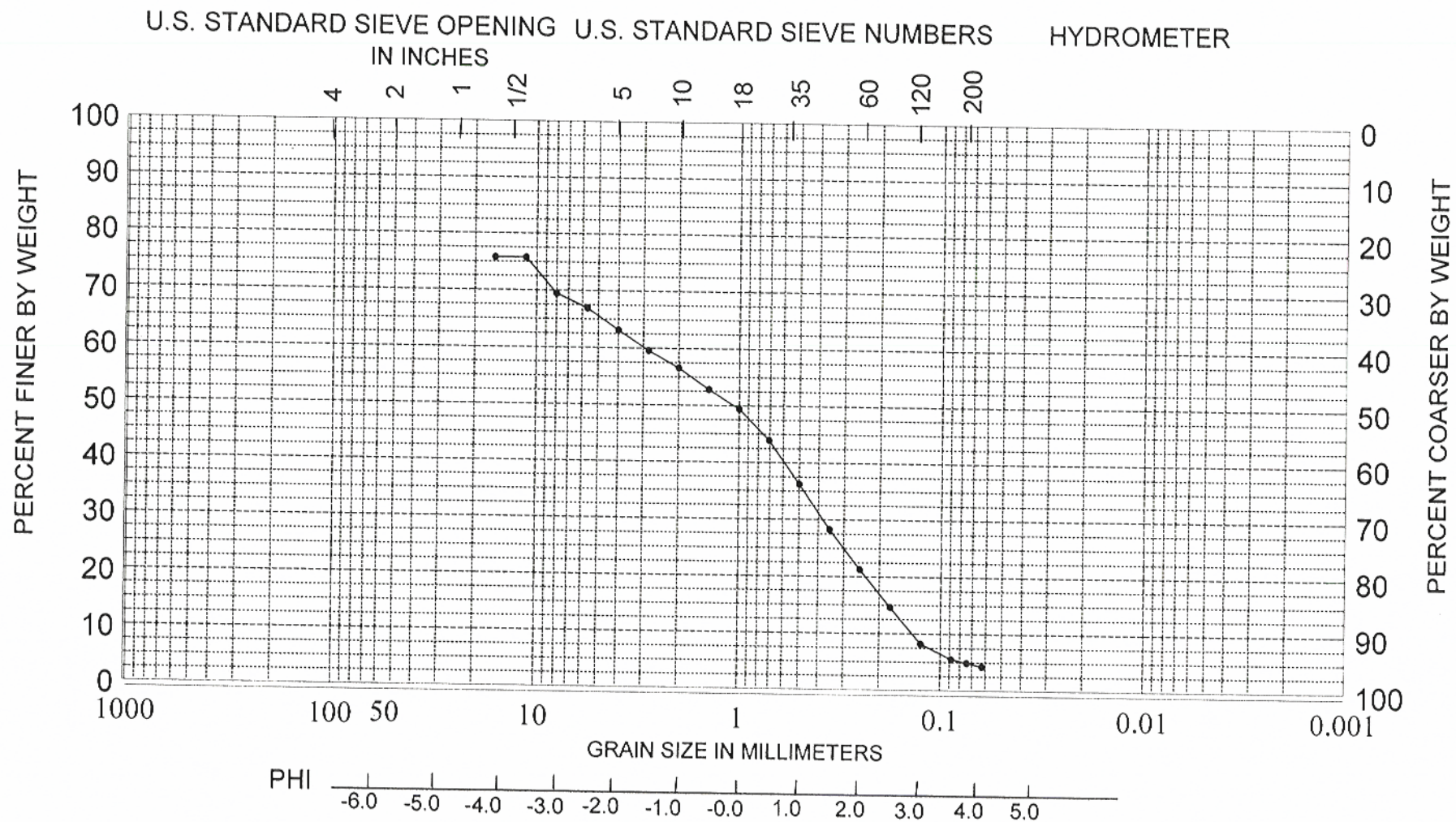
SEA, INC.

## Moment

## Statistics

	Phi	mm
Mean	-0.56	1.48
St. Dev.	2.84	0.14
Skewness	-0.17	
Kurtosis	1.44	





COBBLES	GRAVEL		SAND			SILT OR CLAY
	COARSE	FINE	COARSE	MEDIUM	FINE	

SAMPLE NO.	ELEV.	CLASSIFICATION	PROJECT
3.0	-172.2	Medium to fine sand and gravel (SP)	Dade County Deepwater Study
			AREA Dade Co., Florida
			BORING NO. DCV-3R2
			DATE March, 2000