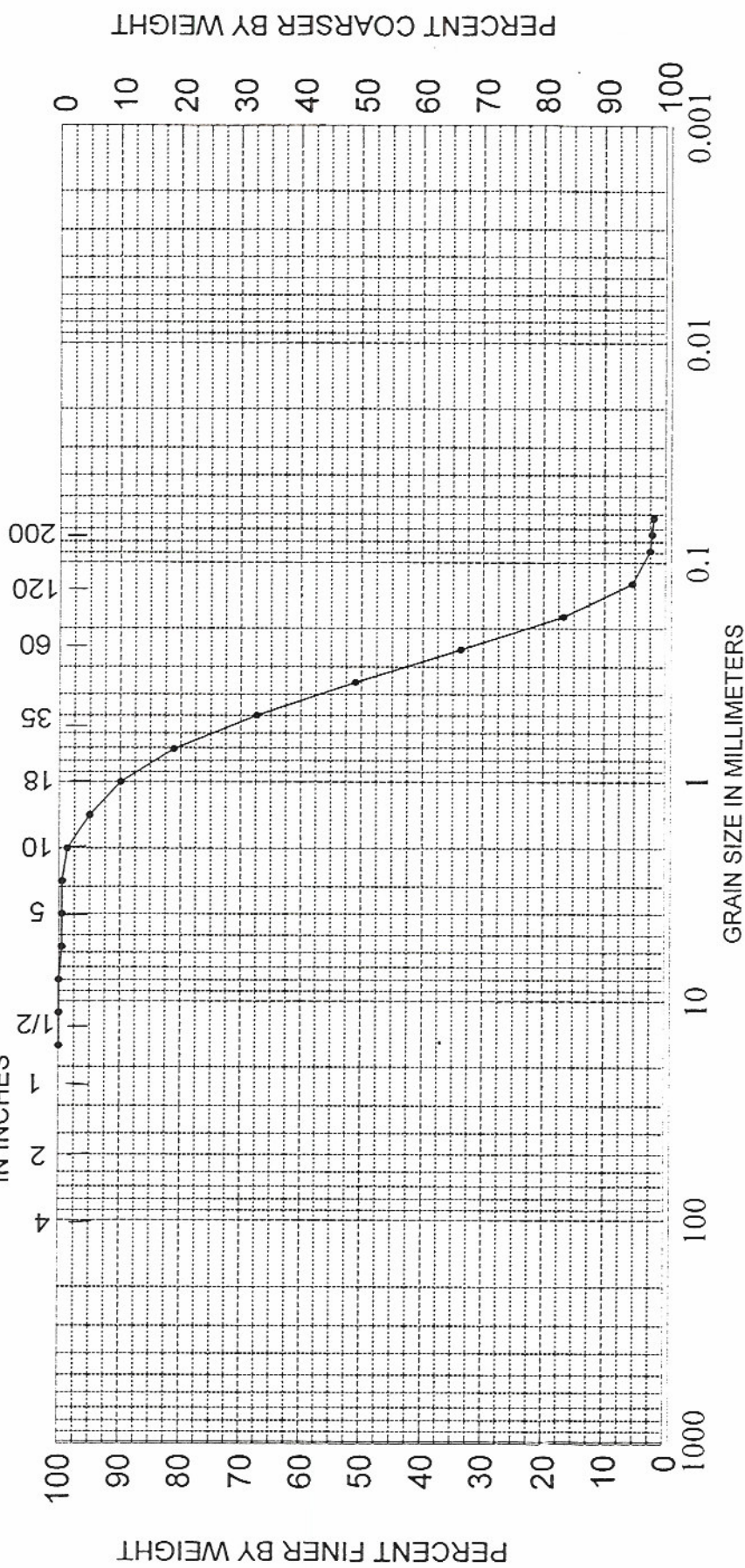


Sample DCV-10-0.5

SEA, INC.

U.S. STANDARD SIEVE OPENING U.S. STANDARD SIEVE NUMBERS HYDROMETER
IN INCHES



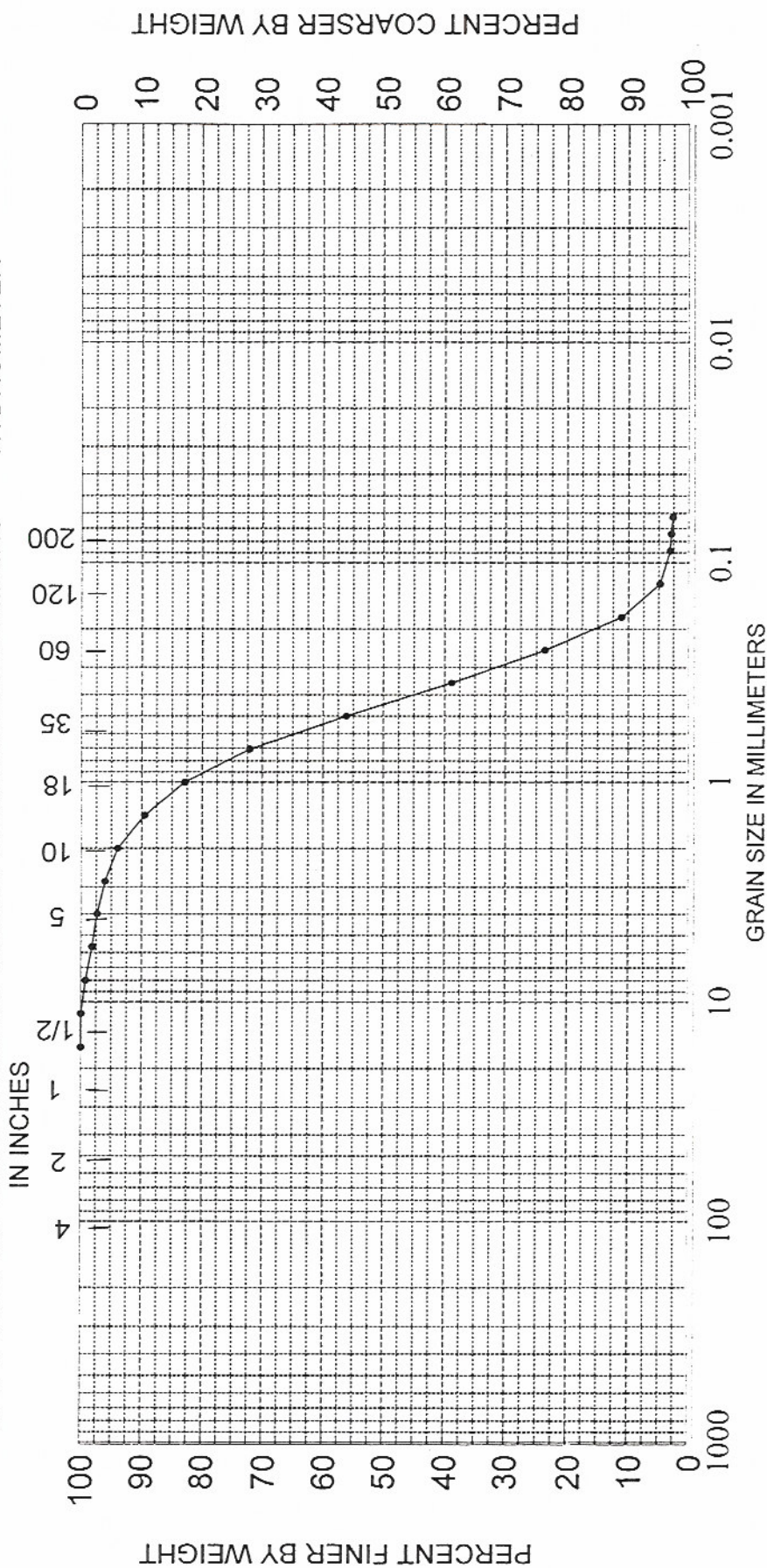
PHI -6.0 -5.0 -4.0 -3.0 -2.0 -1.0 -0.0 1.0 2.0 3.0 4.0 5.0

SAMPLE NO.	ELEV.	COBBLES	GRAVEL				SAND		SILT OR CLAY
			COARSE	FINE	COARSE	MEDIUM	FINE		
0.5	-53.5		CLASSIFICATION Medium to fine sand (SP)					PROJECT	Dade County Deepwater Study
								AREA	Dade Co., Florida
								BORING NO.	DCV-10
								DATE	March, 2000

Sample DCV-10-2.0

SEA, INC.

U.S. STANDARD SIEVE OPENING U.S. STANDARD SIEVE NUMBERS HYDROMETER



SAMPLE NO.	ELEV.	COBBLES	GRAVEL		SAND		SILT OR CLAY		
			COARSE	FINE	COARSE	MEDIUM		FINE	
			CLASSIFICATION					PROJECT	Dade County Deepwater Study
2.0	-55.0		Medium to fine sand (SP)					AREA	Dade Co., Florida
								BORING NO.	DCV-10
								DATE	March, 2000

Sediment Analysis Data Sheet

Sample DCV-10-7.0

Sieve	Size (mm)	Phi size	Wt	Wt %	Cuml %	Folk	Statistics	
							phi	mm
5/8	16.00	-4.00	0.00	0.00	0.00			
1/2	11.31	-3.50	5.97	12.06	12.06			
5/16	8.00	-3.00	0.47	0.95	13.01			
1/4	5.66	-2.50	0.98	1.97	14.99	5% :	-3.79	13.86
5	4.00	-2.00	0.00	0.00	14.99	16% :	-1.60	3.03
7	2.83	-1.50	0.62	1.26	16.25	25% :	-0.65	1.57
10	2.00	-1.00	1.14	2.30	18.54	50% :	0.50	0.71
14	1.41	-0.50	4.56	9.22	27.76	75% :	1.42	0.37
18	1.00	0.00	4.84	9.77	37.54	84% :	1.89	0.27
25	0.71	0.50	6.21	12.55	50.09	95% :	2.85	0.14
35	0.50	1.00	7.01	14.18	64.27			
45	0.35	1.50	6.28	12.70	76.97	Med.	0.50	0.71
60	0.25	2.00	4.46	9.01	85.98	Mean	0.26	0.83
80	0.18	2.50	3.27	6.61	92.59	St Dev.	1.88	
120	0.13	3.00	1.70	3.44	96.03	Skew	-0.25	
170	0.09	3.50	0.55	1.12	97.15	Kurt.	1.31	
200	0.07	3.75	0.13	0.25	97.40			
230	0.06	4.00	0.08	0.16	97.56			
Pan			0.07	0.14	97.70			
Total			48.33	97.70	97.70			
						Moment	Statistics	
							Phi	mm
Cu =	4.61	Gravel			15	%	Mean	0.25 0.84
		Coarse Sand			4	%	St. Dev.	1.96 0.26
		ed. Sand			52	%	Skewness	-0.84
Cc =	0.97	Fine Sand			27	%	Kurtosis	2.83
		Silt/Clay			2	%		

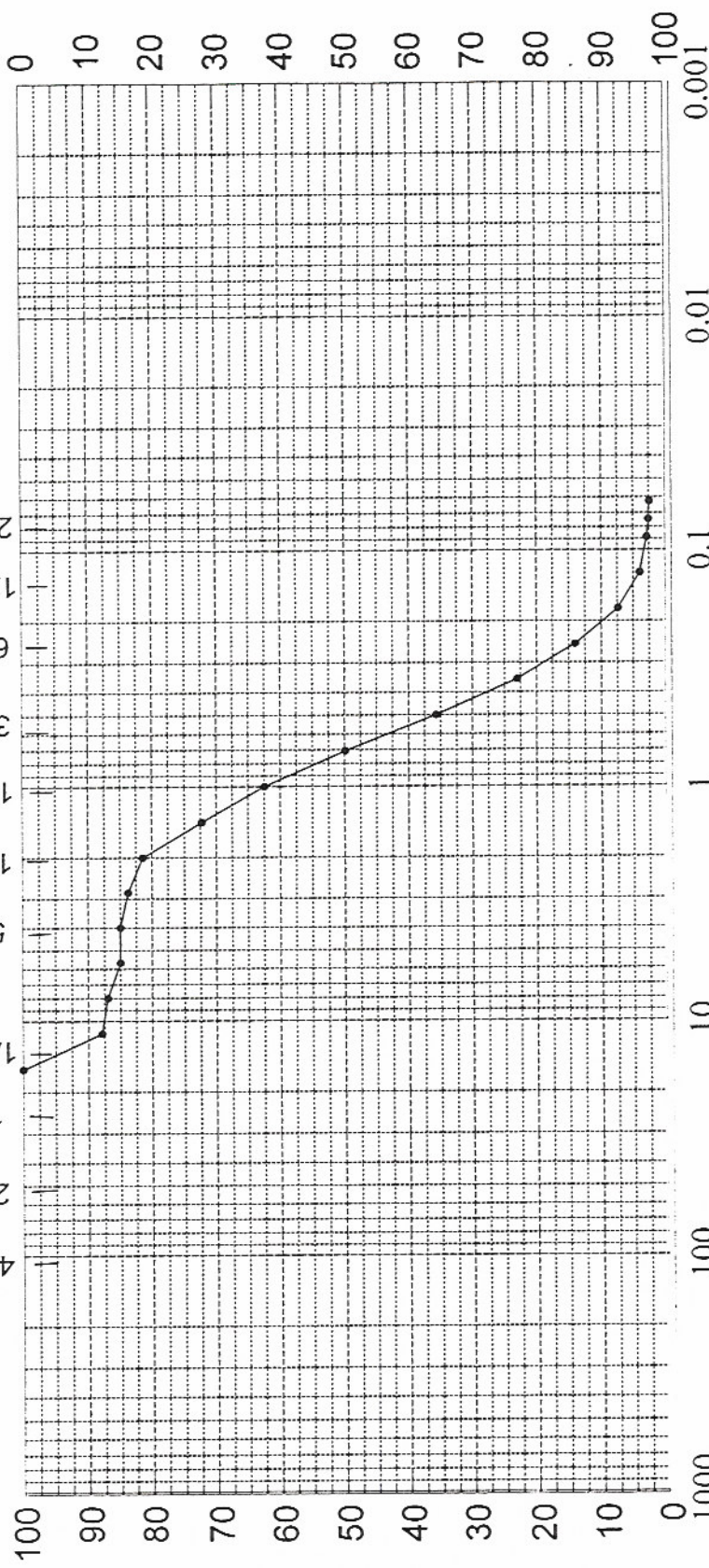
SEA, INC.

HYDROMETER

U.S. STANDARD SIEVE OPENING U.S. STANDARD SIEVE NUMBERS

IN INCHES

200
120
60
35
18
10
5
1/2



PHI

GRAVEL

COARSE

FINE

SAND

COARSE

MEDIUM

FINE

SILT OR CLAY

COBBLES	GRAVEL		SAND			SILT OR CLAY
	COARSE	FINE	COARSE	MEDIUM	FINE	

SAMPLE NO. 7.0	ELEV.	CLASSIFICATION				PROJECT	Dade County Deepwater Study
	-60.0	Medium sand (SP)				AREA	Dade Co., Florida
						BORING NO.	DCV-10
						DATE	March, 2000

Sediment Analysis Data Sheet

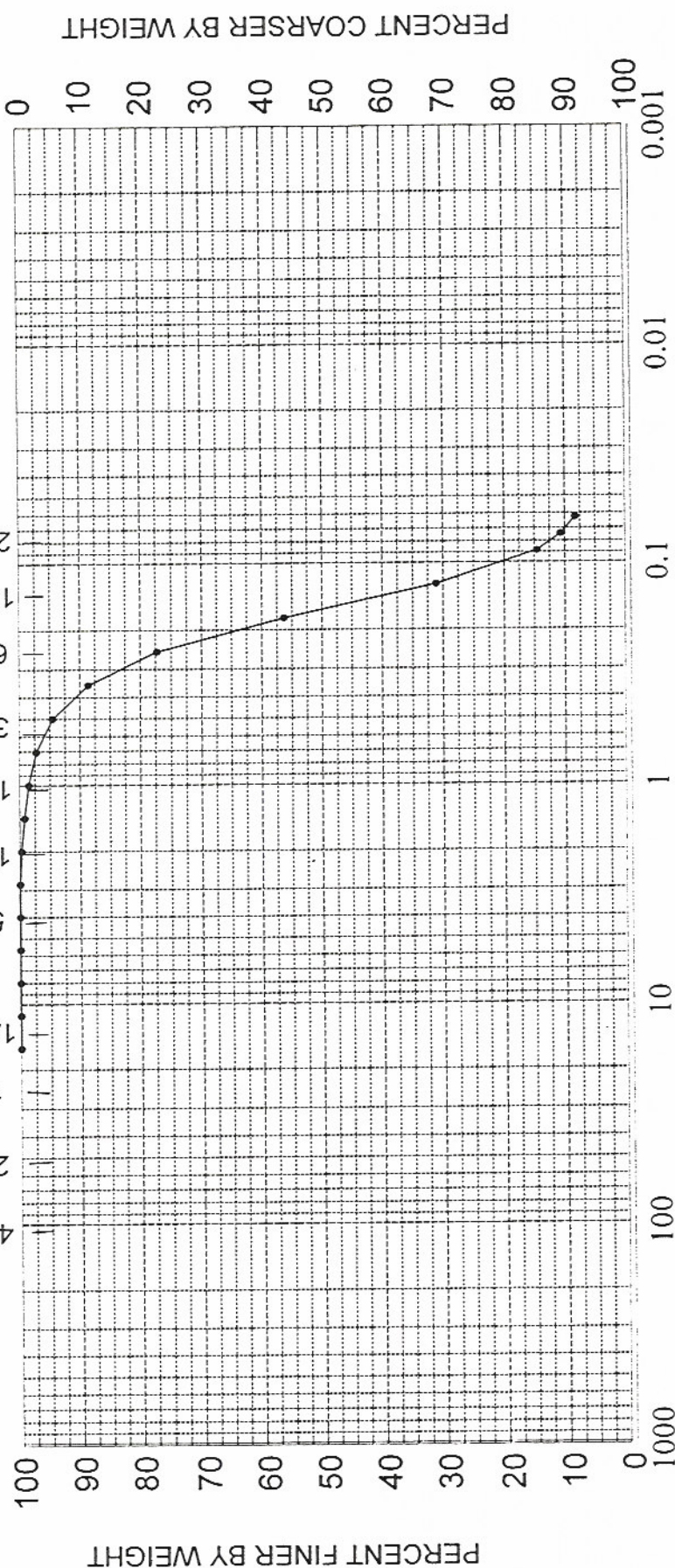
Sample DCV-10-12.0

Sieve	Size (mm)	Phi size	Wt	Wt %	Cuml %	Folk	Statistics	
							phi	mm
5/8	16.00	-4.00	0.00	0.00	0.00			
1/2	11.31	-3.50	0.00	0.00	0.00			
5/16	8.00	-3.00	0.00	0.00	0.00			
1/4	5.66	-2.50	0.00	0.00	0.00			
5	4.00	-2.00	0.00	0.00	0.00	5% :	0.92	0.53
7	2.83	-1.50	0.01	0.02	0.02	16% :	1.70	0.31
10	2.00	-1.00	0.12	0.27	0.28	25% :	2.05	0.24
14	1.41	-0.50	0.23	0.51	0.79	50% :	2.63	0.16
18	1.00	0.00	0.31	0.67	1.46	75% :	3.19	0.11
25	0.71	0.50	0.58	1.25	2.71	84% :	3.46	0.09
35	0.50	1.00	1.27	2.75	5.46	95% :	4.50	0.04
45	0.35	1.50	2.73	5.94	11.40	Med.	2.63	0.16
60	0.25	2.00	5.20	11.31	22.70	Mean	2.60	0.17
80	0.18	2.50	9.65	20.97	43.68	St Dev.	0.98	
120	0.13	3.00	11.57	25.15	68.83	Skew	0.00	
170	0.09	3.50	7.64	16.60	85.43	Kurt.	1.30	
200	0.07	3.75	1.79	3.89	89.32			
230	0.06	4.00	1.08	2.34	91.66			
Pan			0.94	2.04	93.70			
Total			43.11	93.70	93.70			
						Moment	Statistics	
							Phi	mm
Cu =	0.10	Gravel		0	%	Mean	2.61	0.16
		Coarse Sand		0	%	St. Dev.	0.84	0.56
		ed. Sand		8	%	Skewness	-1.13	
Cc =	0.04	Fine Sand		83	%	Kurtosis	5.03	
		Silt/Clay		8	%			

SEA, INC.

U.S. STANDARD SIEVE OPENING U.S. STANDARD SIEVE NUMBERS HYDROMETER

IN INCHES



PHI

COBBLES	GRAVEL		SAND			SILT OR CLAY
	COARSE	FINE	COARSE	MEDIUM	FINE	

SAMPLE NO. 12.0	ELEV.	CLASSIFICATION			PROJECT	Dade County Deepwater Study
	-65.0	Fine sand (SP)			AREA	Dade Co., Florida
					BORING NO.	DCV-10
					DATE	March, 2000