

GRADATION ANALYSIS REPORT
JUPITER INLET 11-21-89

SAMPLE TYPE: CLASSIFICATION

NAME: LAW

DATE: DECEMBER 7, 1989

SAMPLE NO. JI14
SAMPLE ELEVATION 4.00

USCS
DESCRIPTION SW

DRY SAMPLE WT. (g) 258.17
SAMPLE WT. AFTER WASH (g) 254.84

SIEVE SIZE	PHI SIZE	MESH SIZE (mm)	GRAMS	%RET.	%PASS
5	-2.00	4.0	.00	.00	100.00
7	-1.50	2.8	.00	.00	100.00
10	-1.00	2.0	.00	.00	100.00
14	-0.50	1.4	.04	.02	99.98
18	0.00	1.0	.05	.02	99.98
25	0.50	0.71	.09	.03	99.97
35	1.00	0.5	.15	.06	99.94
45	1.50	0.355	.58	.22	99.78
60	2.00	0.25	3.78	1.46	98.54
80	2.50	0.18	11.57	4.48	95.52
120	3.00	0.125	168.45	65.25	34.75
170	3.50	0.09	249.92	96.80	3.20
200	3.75	0.075	253.09	98.03	1.97
230	4.00	0.063	254.17	99.10	.90
PAN			254.26	99.78	.22

SIEVE LOSS(g) .58 MEDIAN (mm) .139
WT. AVE. (mm) .117 MEAN (mm) .135
SILT/CLAY % 1.74 SORTING .351
PHI(16) 2.560 PHI(84) 3.263
*** MEAN CALCULATED USING 3 POINT METHOD ***

PROPERTY OF COASTAL PLANNING AND ENGRG., INC. 1989

GRADATION ANALYSIS REPORT
JUPITER INLET 11-21-89

SAMPLE TYPE: CLASSIFICATION
NAME: LAW
DATE: DECEMBER 7, 1989

SAMPLE NO. JI14
SAMPLE ELEVATION 6.00

USCS
DESCRIPTION SP

DRY SAMPLE WT. (g) 291.58
SAMPLE WT. AFTER WASH (g) 287.63

SIEVE SIZE	PHI SIZE	MESH SIZE (mm)	GRAMS	%RET.	%PASS
5	-2.00	4.0	.25	.09	99.91
7	-1.50	2.8	1.04	.36	99.64
10	-1.00	2.0	4.29	1.47	98.53
14	-0.50	1.4	11.38	3.90	96.10
18	0.00	1.0	24.05	8.25	91.75
25	0.50	0.71	47.19	16.18	83.82
35	1.00	0.5	81.63	28.00	72.00
45	1.50	0.355	122.22	41.92	58.08
60	2.00	0.25	188.72	64.72	35.28
80	2.50	0.18	225.89	77.47	22.53
120	3.00	0.125	269.38	92.39	7.61
170	3.50	0.09	284.55	97.59	2.41
200	3.75	0.075	285.66	97.97	2.03
230	4.00	0.063	285.72	98.67	1.33
PAN			285.81	99.38	.62

SIEVE LOSS(g) 1.82 MEDIAN (mm) .318
WT. AVE. (mm) .385 MEAN (mm) .329
SILT/CLAY % 1.41 SORTING 1.100
PHI(16) .480 PHI(84) 2.681
*** MEAN CALCULATED USING 3 POINT METHOD ***

PROPERTY OF COASTAL PLANNING AND ENGRG., INC. 1989

GRADATION ANALYSIS REPORT
JUPITER INLET 11-21-89

SAMPLE TYPE: CLASSIFICATION
NAME: LAW
DATE: DECEMBER 7, 1989

SAMPLE NO. JI14
SAMPLE ELEVATION 9.00

USCS
DESCRIPTION SW

DRY SAMPLE WT. (g) 280.07
SAMPLE WT. AFTER WASH (g) 273.02

SIEVE SIZE	PHI SIZE	MESH SIZE (mm)	GRAMS	%RET.	%PASS
5	-2.00	4.0	.51	.18	99.82
7	-1.50	2.8	1.02	.36	99.64
10	-1.00	2.0	1.74	.62	99.38
14	-0.50	1.4	2.79	1.00	99.00
18	0.00	1.0	3.71	1.32	98.68
25	0.50	0.71	5.21	1.86	98.14
35	1.00	0.5	7.68	2.74	97.26
45	1.50	0.355	12.54	4.48	95.52
60	2.00	0.25	31.63	11.29	88.71
80	2.50	0.18	225.67	80.58	19.42
120	3.00	0.125	257.45	91.92	8.08
170	3.50	0.09	270.94	96.74	3.26
200	3.75	0.075	271.41	96.91	3.09
230	4.00	0.063	271.67	98.26	1.74
PAN			272.13	99.68	.32

SIEVE LOSS(g) .89 MEDIAN (mm) .211
WT. AVE. (mm) .206 MEAN (mm) .204
SILT/CLAY % 2.77 SORTING .293
PHI(16) 2.028 PHI(84) 2.613
*** MEAN CALCULATED USING 3 POINT METHOD ***

PROPERTY OF COASTAL PLANNING AND ENGRG., INC. 1989

GRADATION ANALYSIS REPORT
JUPITER INLET 11-21-89

SAMPLE TYPE: CLASSIFICATION
NAME: LAW
DATE: DECEMBER 7, 1989

SAMPLE NO. JI14
SAMPLE ELEVATION 13.00

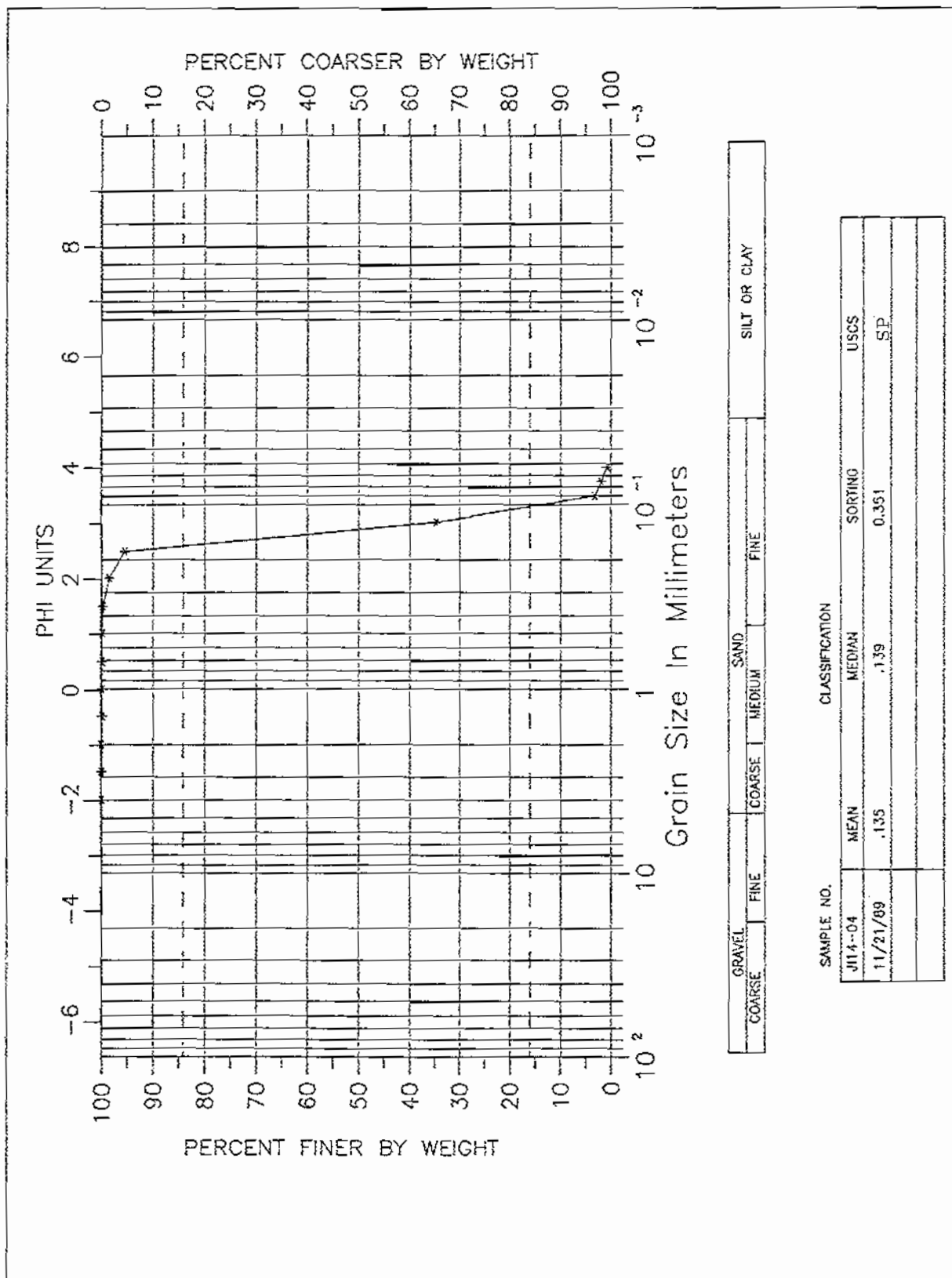
USCS
DESCRIPTION SW

DRY SAMPLE WT. (g) 279.93
SAMPLE WT. AFTER WASH (g) 278.81

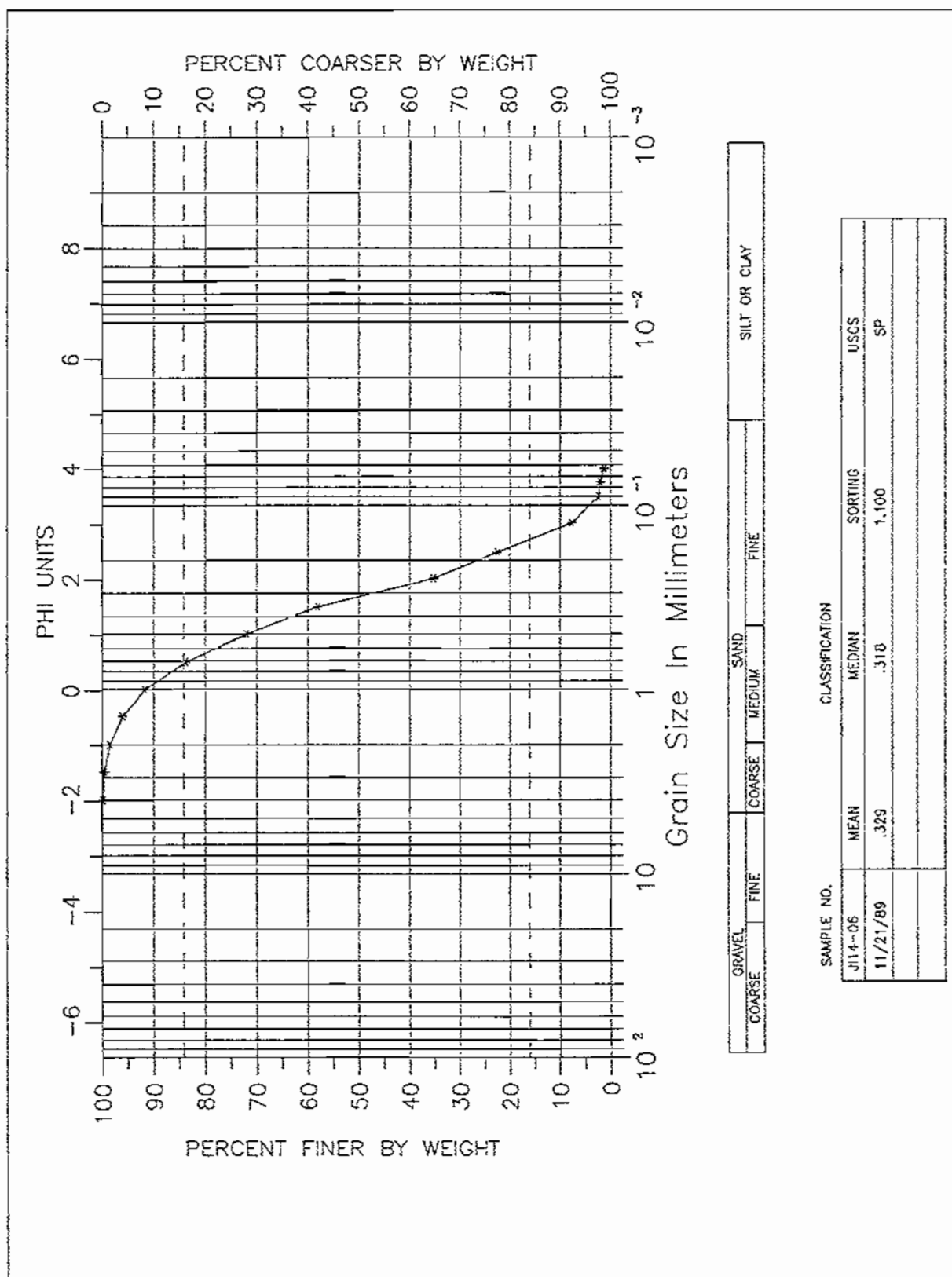
SIEVE SIZE	PHI SIZE	MESH SIZE (mm)	GRAMS	%RET.	%PASS
5	-2.00	4.0	.38	.14	99.86
7	-1.50	2.8	1.23	.44	99.56
10	-1.00	2.0	2.80	1.00	99.00
14	-0.50	1.4	3.82	1.36	98.64
18	0.00	1.0	4.75	1.70	98.30
25	0.50	0.71	5.70	2.04	97.96
35	1.00	0.5	6.57	2.35	97.65
45	1.50	0.355	8.03	2.87	97.13
60	2.00	0.25	14.72	5.26	94.74
80	2.50	0.18	33.30	11.90	88.10
120	3.00	0.125	217.55	77.72	22.28
170	3.50	0.09	273.97	97.87	2.13
200	3.75	0.075	277.67	99.19	.81
230	4.00	0.063	278.52	99.70	.30
PAN			278.64	99.94	.06

SIEVE LOSS(g) .17 MEDIAN (mm) .148
WT. AVE. (mm) .160 MEAN (mm) .144
SILT/CLAY % .75 SORTING .315
PHI(16) 2.502 PHI(84) 3.132
*** MEAN CALCULATED USING 3 POINT METHOD ***

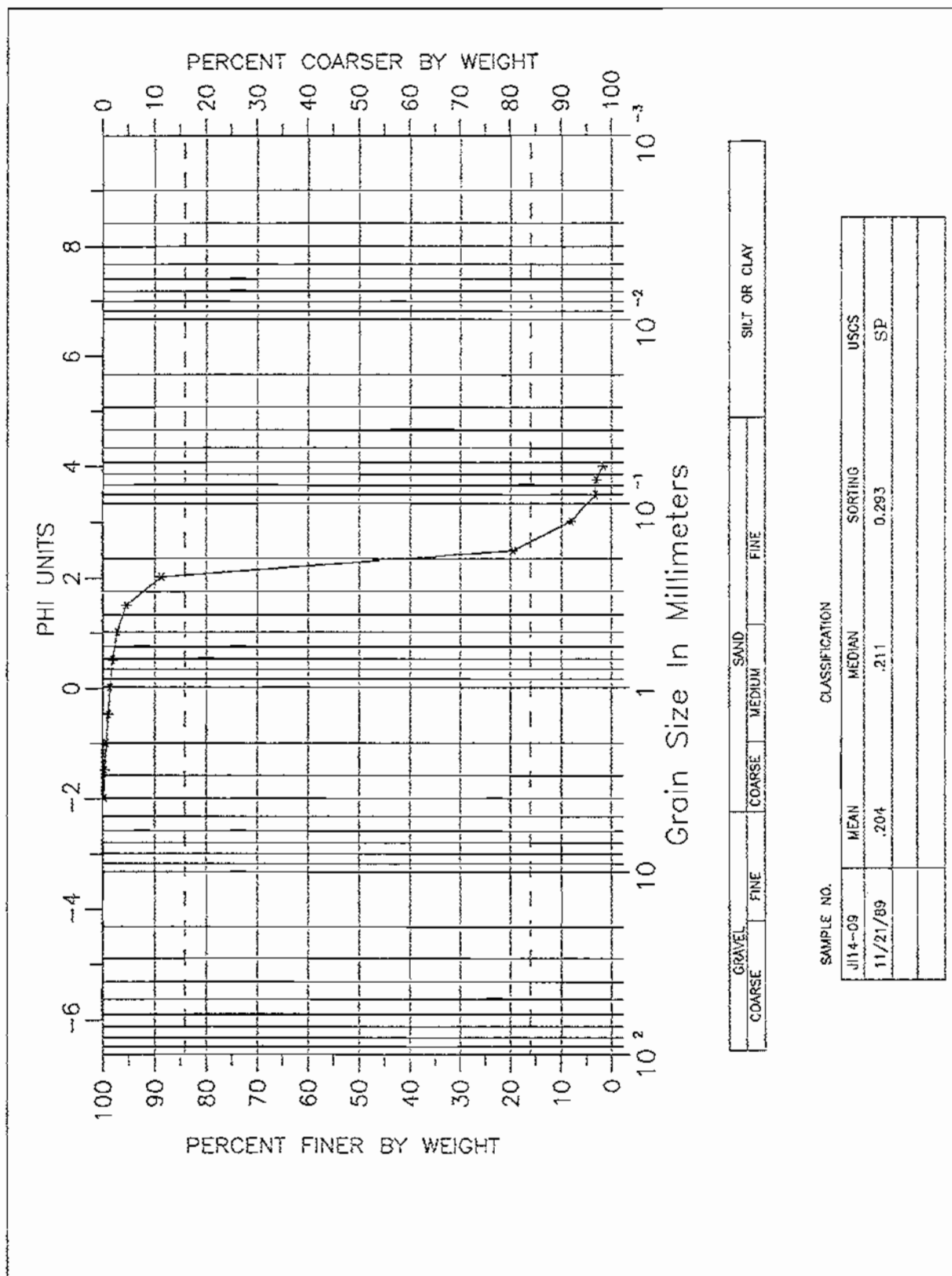
PROPERTY OF COASTAL PLANNING AND ENGRG., INC. 1989



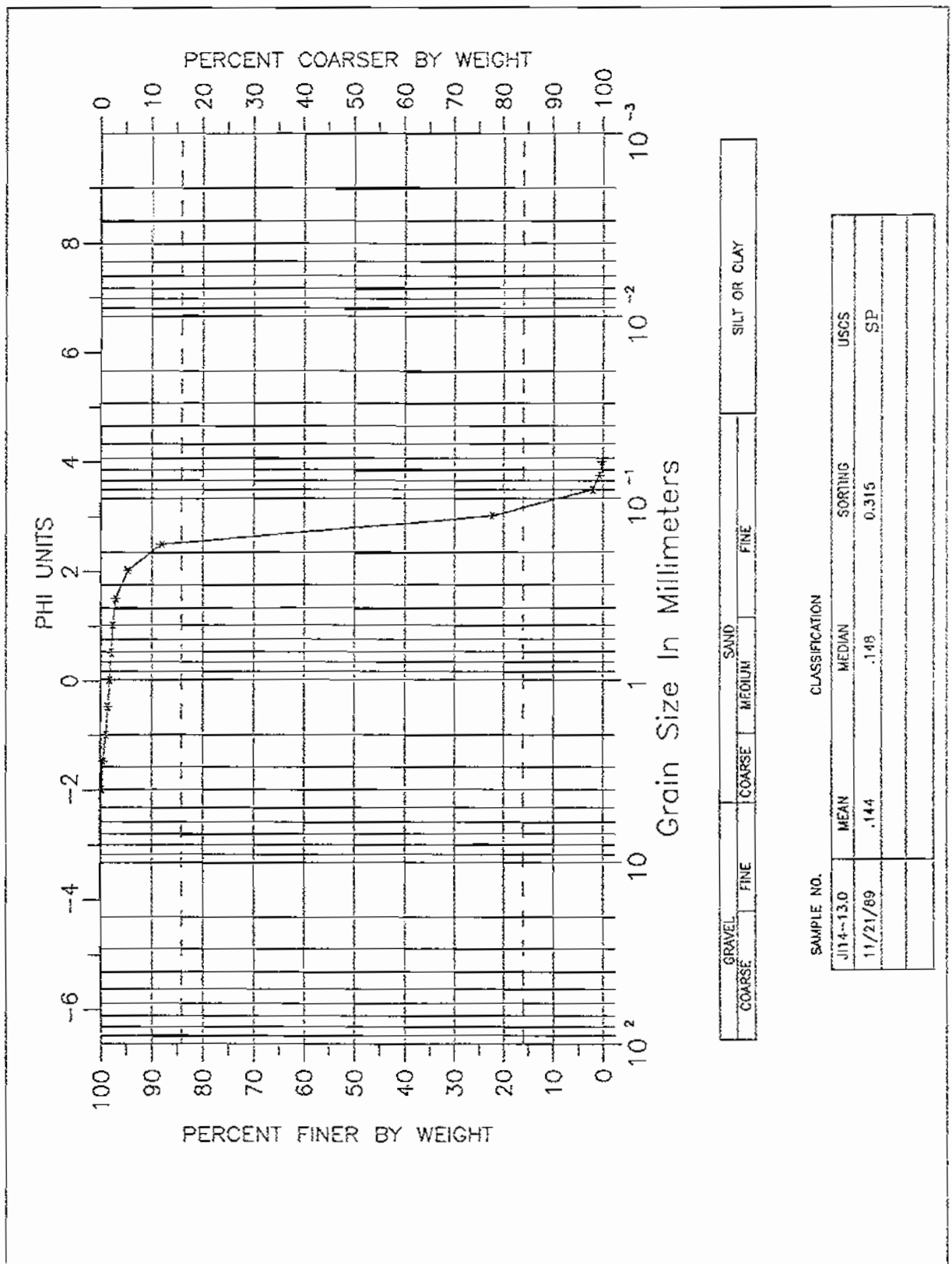
JUPITER INLET SHOAL VIBRACORE
GRAIN SIZE DISTRIBUTION CURVE



JUPITER INLET SHOAL VIBRACORE
GRAIN SIZE DISTRIBUTION CURVE



JUPITER INLET SHOAL VIBRACORE
GRAIN SIZE DISTRIBUTION CURVE



JUPITER INLET SHOAL VIBRACORE
GRAIN SIZE DISTRIBUTION CURVE