

GRADATION ANALYSIS REPORT
JUPIITER INLET 11-21-89

SAMPLE TYPE: CLASSIFICATION

NAME: LAW

DATE: DECEMBER 7, 1989

SAMPLE NO. JI15
SAMPLE ELEVATION 4.01

USCS
DESCRIPTION SW

DRY SAMPLE WT. (g) 187.82
SAMPLE WT. AFTER WASH (g) 182.96

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	.04	.02	99.98
14	-0.50	1.4	.08	.04	99.96
18	0.00	1.0	.10	.05	99.95
25	0.50	0.71	.15	.08	99.92
35	1.00	0.5	.21	.11	99.89
45	1.50	0.355	.38	.20	99.80
60	2.00	0.25	10.14	5.40	94.60
80	2.50	0.18	129.47	68.93	31.07
120	3.00	0.125	162.73	86.64	13.36
170	3.50	0.09	181.98	96.89	3.11
200	3.75	0.075	182.73	97.29	2.71
230	4.00	0.063	182.86	98.65	1.35
PAN			182.93	99.98	.02

SIEVE LOSS(g) .03 MEDIAN (mm) .201
WT. AVE. (mm) .165 MEAN (mm) .185
SILT/CLAY % 2.69 SORTING .420
PHI(16) 2.069 PHI(84) 2.908
*** 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. JI15

SAMPLE ELEVATION 9.25

USCS

DESCRIPTION	SP
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DRY SAMPLE WT. (g) 240.01

SAMPLE WT. AFTER WASH (g) 235.76

SIEVE SIZE	PHI SIZE	MESH SIZE (mm)	GRAMS	%RET.	%PASS
5	-2.00	4.0	5.04	2.10	97.90
7	-1.50	2.8	9.45	3.94	96.06
10	-1.00	2.0	16.76	6.98	93.02
14	-0.50	1.4	24.46	10.19	89.81
18	0.00	1.0	32.63	13.60	86.40
25	0.50	0.71	42.86	17.86	82.14
35	1.00	0.5	55.93	23.30	76.70
45	1.50	0.355	67.45	28.10	71.90
60	2.00	0.25	83.52	34.80	65.20
80	2.50	0.18	134.59	56.08	43.92
120	3.00	0.125	205.21	85.50	14.50
170	3.50	0.09	234.39	97.66	2.34
200	3.75	0.075	235.33	98.05	1.95
230	4.00	0.063	235.46	98.99	1.01
PAN			235.58	99.93	.07

SIEVE LOSS(g) .18 MEDIAN (mm) .200

WT. AVE. (mm)	.461	MEAN (mm)	.278
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SILT/CLAY %	1.87	SORTING	1.355
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PHI(16)	.258	PHI(84)	2.968
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COASTAL PLANNING & ENGINEERING, INC. 3200 N. FEDERAL HIGHWAY, SUITE 123, BOCA RATON, FL 33431

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GRADATION ANALYSIS REPORT
JUPITER INLET 11-21-89

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

SAMPLE NO. JI15
SAMPLE ELEVATION 12.00

USCS
DESCRIPTION SW

DRY SAMPLE WT. (g) 301.67
SAMPLE WT. AFTER WASH (g) 299.50

SIEVE SIZE	PHI SIZE	MESH SIZE (mm)	GRAMS	%RET.	%PASS
5	-2.00	4.0	.70	.23	99.77
7	-1.50	2.8	1.31	.43	99.57
10	-1.00	2.0	2.16	.72	99.28
14	-0.50	1.4	3.15	1.04	98.96
18	0.00	1.0	3.96	1.31	98.69
25	0.50	0.71	4.82	1.60	98.40
35	1.00	0.5	5.74	1.90	98.10
45	1.50	0.355	7.14	2.37	97.63
60	2.00	0.25	17.03	5.65	94.35
80	2.50	0.18	30.58	10.14	89.86
120	3.00	0.125	234.40	77.70	22.30
170	3.50	0.09	295.65	98.00	2.00
200	3.75	0.075	298.53	98.96	1.04
230	4.00	0.063	299.34	99.59	.41
PAN			299.47	99.99	.01

SIEVE LOSS(g) .03 MEDIAN (mm) .148
WT. AVE. (mm) .154 MEAN (mm) .143
SILT/CLAY % 1.03 SORTING .309
PHI(16) 2.513 PHI(84) 3.131
*** 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. JI15
SAMPLE ELEVATION 16.01

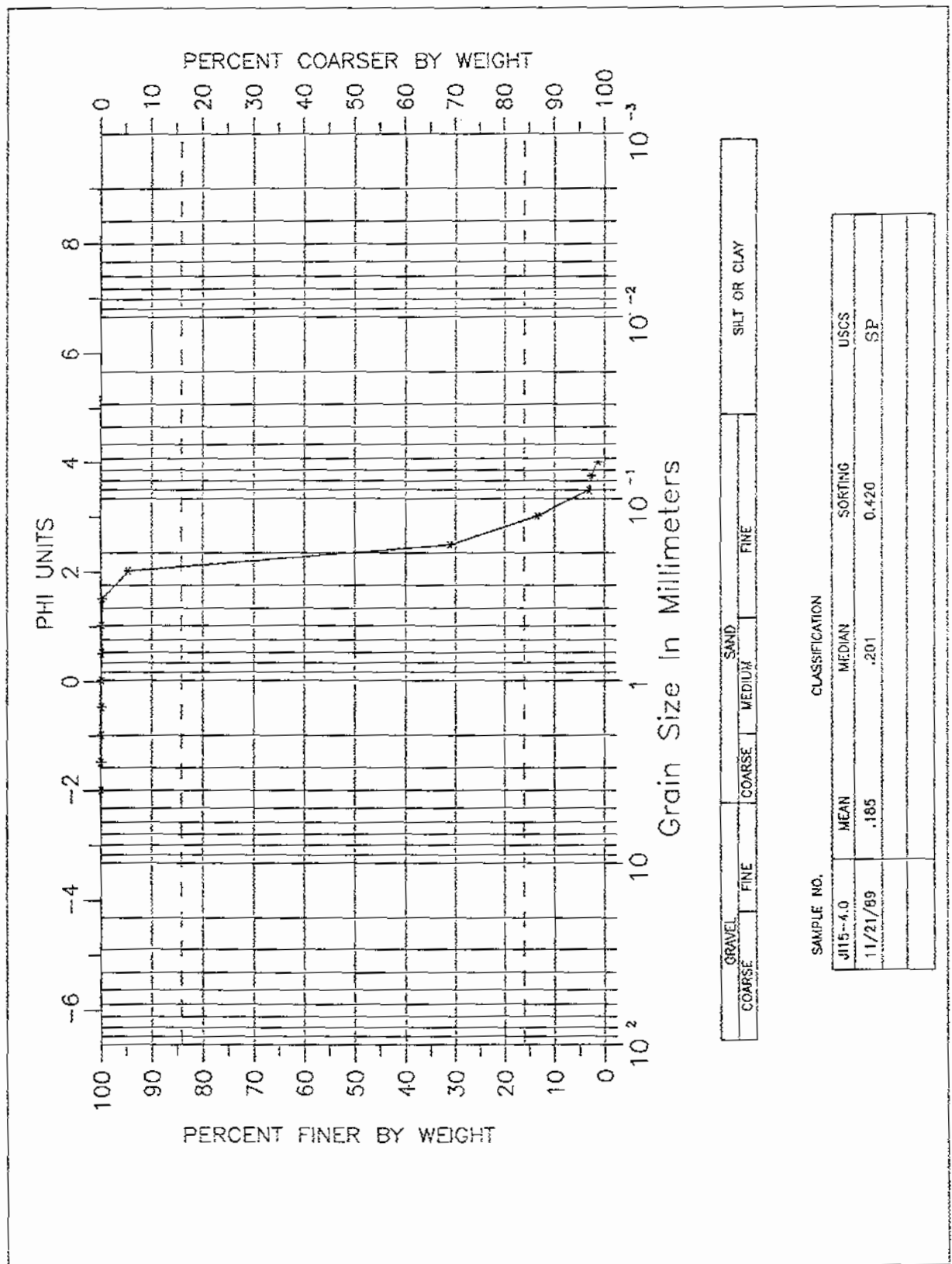
USCS
DESCRIPTION SW

DRY SAMPLE WT. (g) 257.66
SAMPLE WT. AFTER WASH (g) 250.97

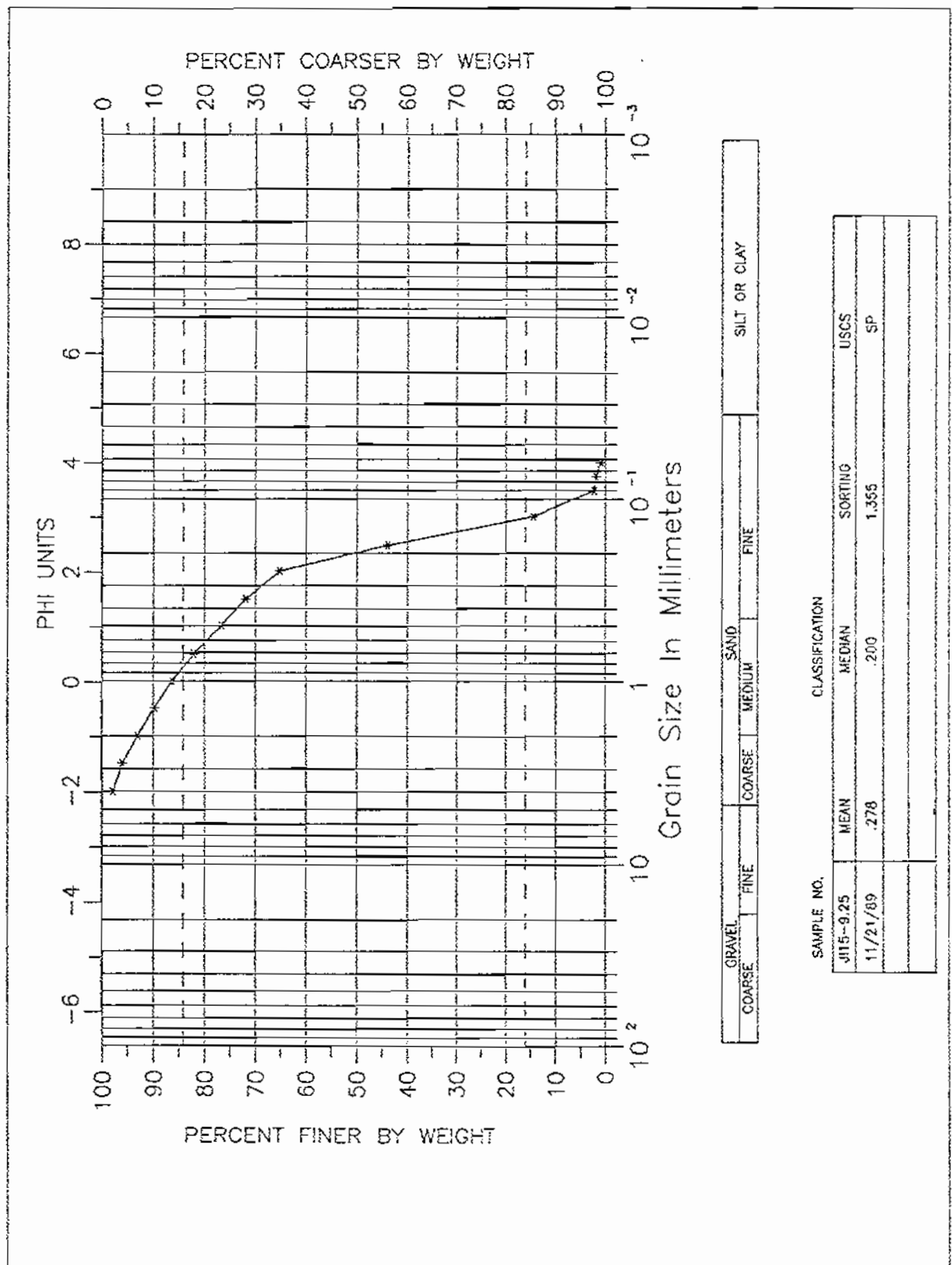
SIEVE SIZE	PHI SIZE	MESH SIZE (mm)	GRAMS	%RET.	%PASS
5	-2.00	4.0	2.39	.93	99.07
7	-1.50	2.8	3.66	1.42	98.58
10	-1.00	2.0	5.22	2.03	97.97
14	-0.50	1.4	7.16	2.78	97.22
18	0.00	1.0	9.08	3.52	96.48
25	0.50	0.71	11.30	4.39	95.61
35	1.00	0.5	13.72	5.32	94.68
45	1.50	0.355	16.62	6.45	93.55
60	2.00	0.25	29.88	11.60	88.40
80	2.50	0.18	137.25	53.27	46.73
120	3.00	0.125	216.29	83.94	16.06
170	3.50	0.09	249.23	96.73	3.27
200	3.75	0.075	250.33	97.16	2.84
230	4.00	0.063	250.63	98.57	1.43
PAN			250.72	99.90	.10

SIEVE LOSS(g) .25 MEDIAN (mm) .185
WT. AVE. (mm) .240 MEAN (mm) .178
SILT/CLAY % 2.75 SORTING .479
PHI(16) 2.043 PHI(84) 3.002
*** MEAN CALCULATED USING 3 POINT METHOD ***

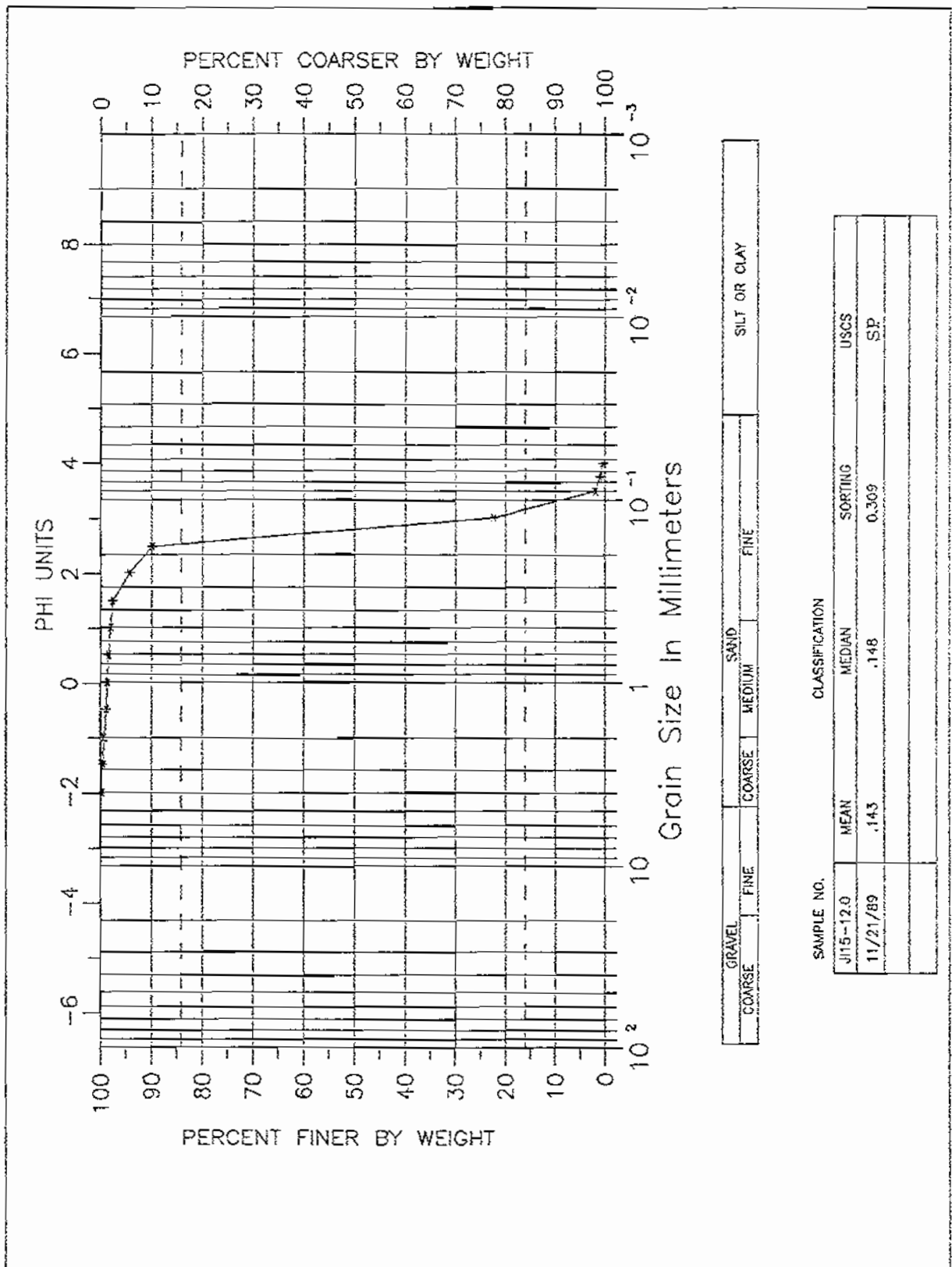
PROPERTY OF COASTAL PLANNING AND ENGRG., INC. 1989



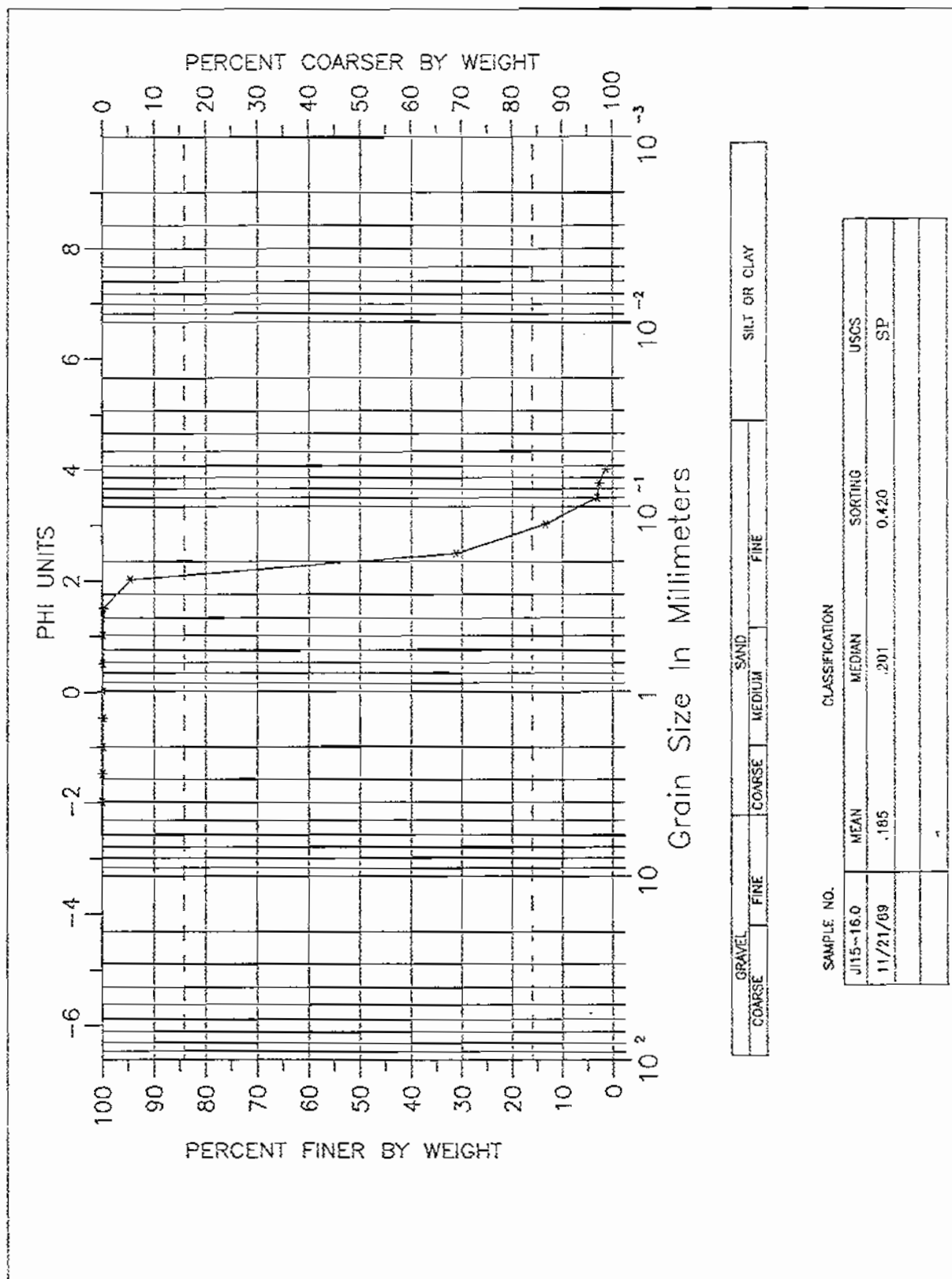
JUPITER INLET SHOAL VIBRACORE
GRAIN SIZE DISTRIBUTION CURVE



JUPITER INLET SHOAL VIBRACORE
GRAIN SIZE DISTRIBUTION CURVE



JUPITER INLET SHOAL VIBRACORE
GRAIN SIZE DISTRIBUTION CURVE



JUPITER INLET SHOAL VIBRACORE
GRAIN SIZE DISTRIBUTION CURVE