

GRADATION ANALYSIS REPORT  
JUPITER INLET 11-21-89

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

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SAMPLE NO. JI13  
SAMPLE ELEVATION 5.00  
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USCS  
DESCRIPTION SW  
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DRY SAMPLE WT. (g) 232.47  
SAMPLE WT. AFTER WASH (g) 227.27  
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SIEVE SIZE	PHI SIZE	MESH SIZE (mm)	GRAMS	%RET.	%PASS
5	-2.00	4.0	.05	.02	99.98
7	-1.50	2.8	.10	.04	99.96
10	-1.00	2.0	.16	.07	99.93
14	-0.50	1.4	.23	.10	99.90
18	0.00	1.0	.26	.11	99.89
25	0.50	0.71	.34	.15	99.85
35	1.00	0.5	.47	.20	99.80
45	1.50	0.355	1.07	.46	99.54
60	2.00	0.25	47.10	20.26	79.74
80	2.50	0.18	187.71	80.75	19.25
120	3.00	0.125	212.07	91.22	8.78
170	3.50	0.09	225.95	97.20	2.80
200	3.75	0.075	226.63	97.49	2.51
230	4.00	0.063	226.87	98.71	1.29
PAN			226.95	99.86	.14

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SIEVE LOSS(g) .32 MEDIAN (mm) .216  
WT. AVE. (mm) .185 MEAN (mm) .212  
SILT/CLAY % 2.37 SORTING .371  
PHI(16) 1.875 PHI(84) 2.618  
\*\*\* 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. JI13  
SAMPLE ELEVATION 10.00  
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USCS  
DESCRIPTION SW  
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DRY SAMPLE WT. (g) 228.58  
SAMPLE WT. AFTER WASH (g) 224.76  
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SIEVE SIZE	PHI SIZE	MESH SIZE (mm)	GRAMS	%RET.	%PASS
5	-2.00	4.0	.05	.02	99.98
7	-1.50	2.8	.10	.04	99.96
10	-1.00	2.0	.21	.09	99.91
14	-0.50	1.4	.39	.17	99.83
18	0.00	1.0	.76	.33	99.67
25	0.50	0.71	1.30	.57	99.43
35	1.00	0.5	2.40	1.05	98.95
45	1.50	0.355	7.95	3.48	96.52
60	2.00	0.25	69.09	30.23	69.77
80	2.50	0.18	193.87	84.81	15.19
120	3.00	0.125	215.44	94.25	5.75
170	3.50	0.09	224.25	98.11	1.89
200	3.75	0.075	224.53	98.23	1.77
230	4.00	0.063	224.62	99.10	.90
PAN			224.65	99.95	.05

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SIEVE LOSS(g) .11 MEDIAN (mm) .225  
WT. AVE. (mm) .202 MEAN (mm) .232  
SILT/CLAY % 1.72 SORTING .378  
PHI(16) 1.709 PHI(84) 2.466  
\*\*\* 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

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SAMPLE NO. JI13  
SAMPLE ELEVATION 17.00  
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USCS  
DESCRIPTION SW  
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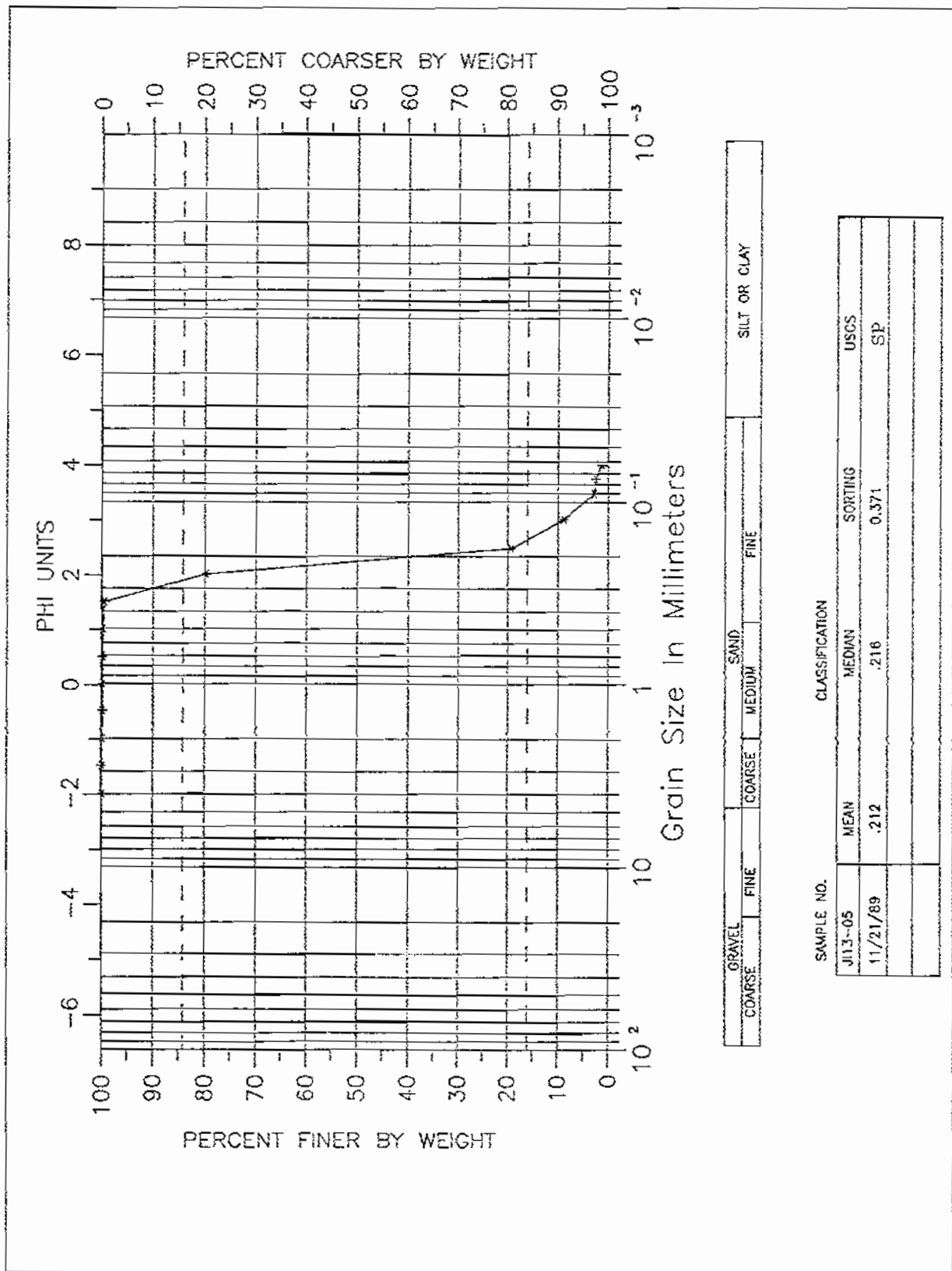
DRY SAMPLE WT. (g) 236.79  
SAMPLE WT. AFTER WASH (g) 230.50  
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SIEVE SIZE	PHI SIZE	MESH SIZE (mm)	GRAMS	%RET.	%PASS
5	-2.00	4.0	.63	.27	99.73
7	-1.50	2.8	1.76	.74	99.26
10	-1.00	2.0	3.63	1.53	98.47
14	-0.50	1.4	5.40	2.28	97.72
18	0.00	1.0	6.95	2.94	97.06
25	0.50	0.71	8.57	3.62	96.38
35	1.00	0.5	10.26	4.33	95.67
45	1.50	0.355	12.45	5.26	94.74
60	2.00	0.25	21.35	9.02	90.98
80	2.50	0.18	140.14	59.18	40.82
120	3.00	0.125	204.99	86.57	13.43
170	3.50	0.09	228.57	96.53	3.47
200	3.75	0.075	229.99	97.13	2.87
230	4.00	0.063	230.06	98.49	1.51
PAN			230.19	99.87	.13

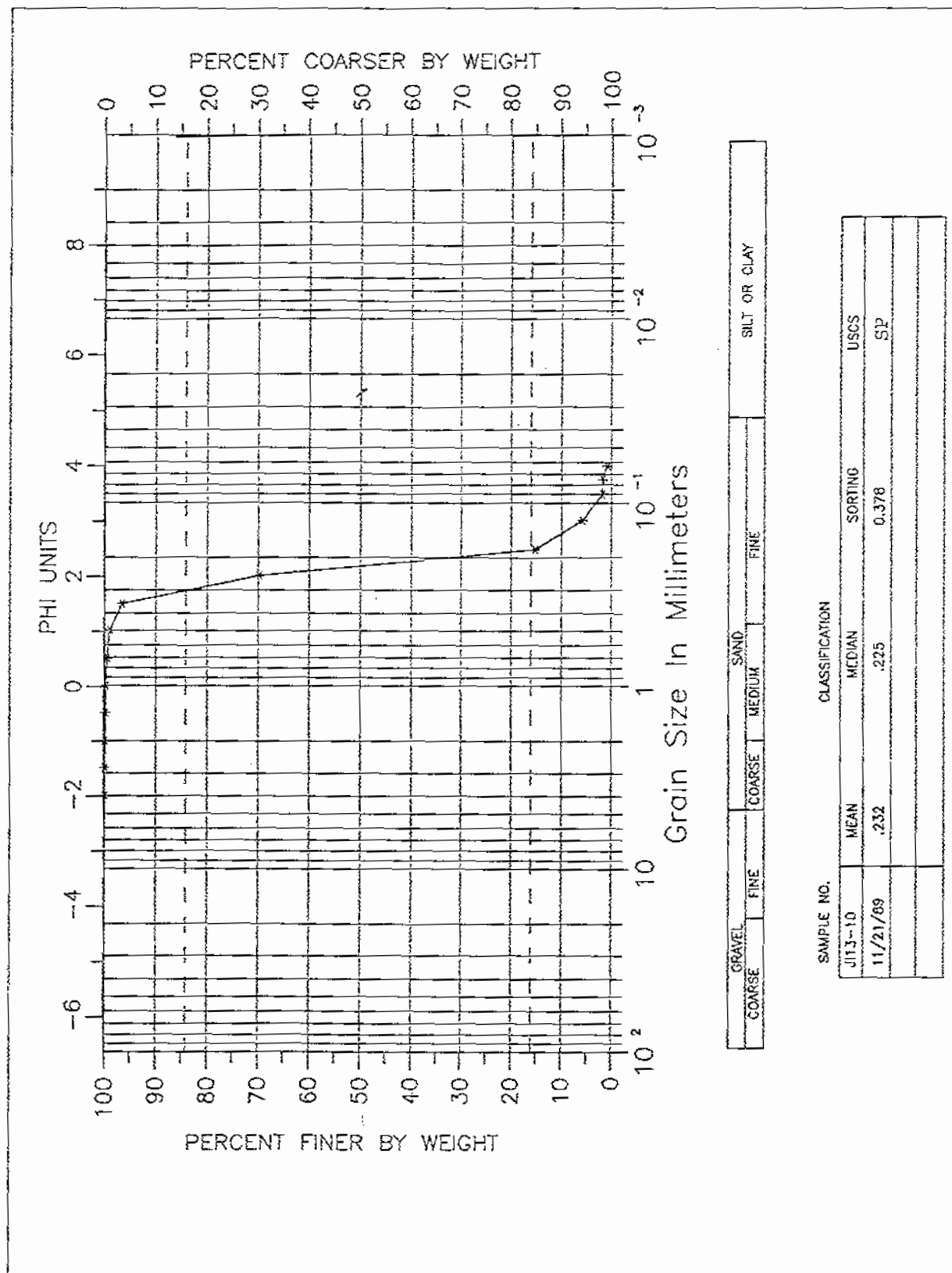
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SIEVE LOSS(g) .31 MEDIAN (mm) .193  
WT. AVE. (mm) .218 MEAN (mm) .182  
SILT/CLAY % 2.74 SORTING .442  
PHI(16) 2.057 PHI(84) 2.942  
\*\*\* MEAN CALCULATED USING 3 POINT METHOD \*\*\*

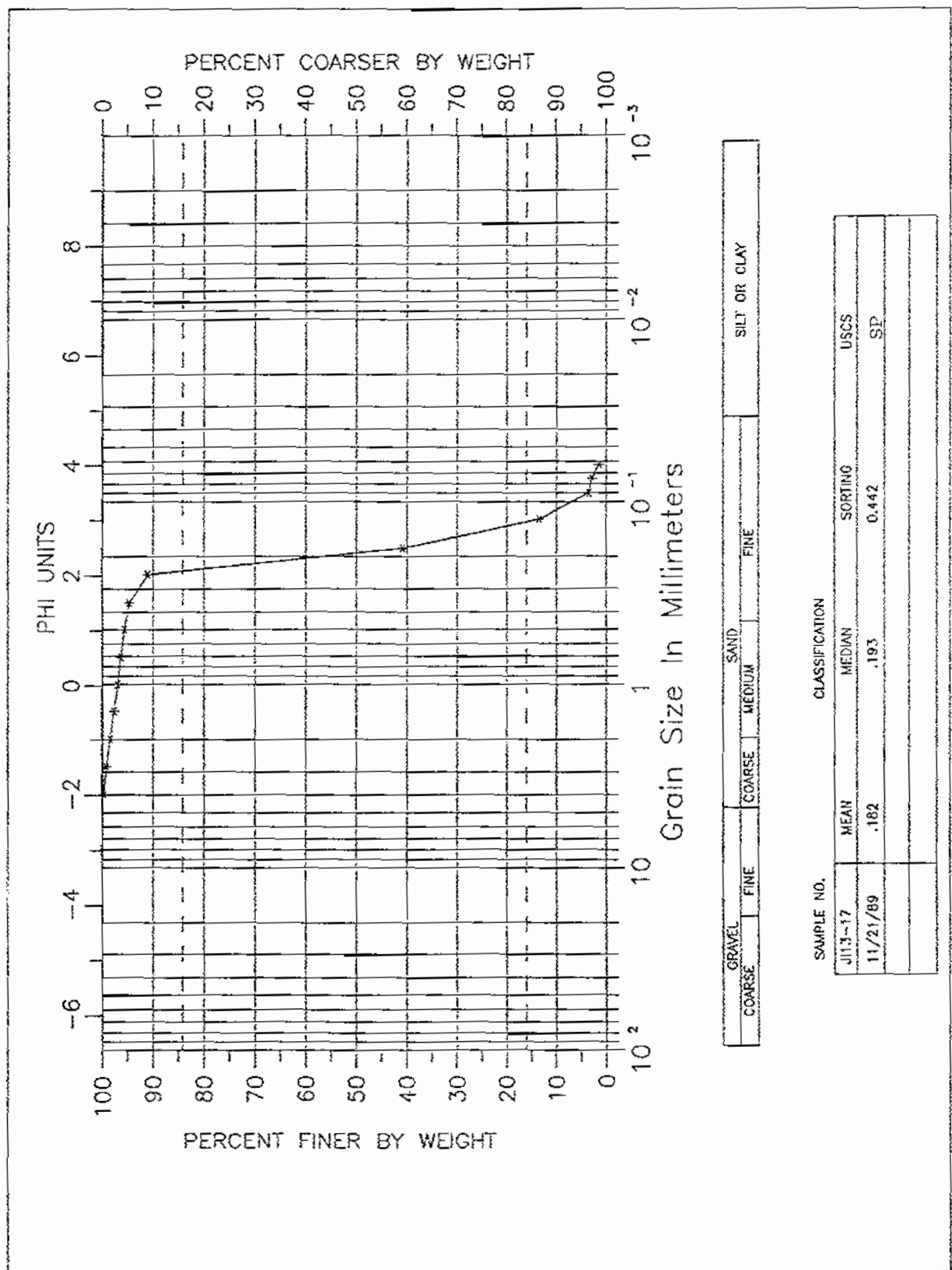
PROPERTY OF COASTAL PLANNING AND ENGRG., INC. 1989



JUPITER INLET SHOAL VIBRACORE  
GRAIN SIZE DISTRIBUTION CURVE



JUPITER INLET SHOAL VIBRACORE  
GRAIN SIZE DISTRIBUTION CURVE



JUPITER INLET SHOAL VIBRACORE  
GRAIN SIZE DISTRIBUTION CURVE