

GRADATION ANALYSIS REPORT
JUPITER INLET 11-21-89

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

SAMPLE NO. JI12
SAMPLE ELEVATION 1.00

USCS
DESCRIPTION SP

DRY SAMPLE WT. (g) 334.82
SAMPLE WT. AFTER WASH (g) 331.87

SIEVE SIZE	PHI SIZE	MESH SIZE (mm)	GRAMS	%RET.	%PASS
5	-2.00	4.0	.18	.05	99.95
7	-1.50	2.8	.18	.05	99.95
10	-1.00	2.0	.38	.11	99.89
14	-0.50	1.4	.80	.24	99.76
18	0.00	1.0	1.98	.59	99.41
25	0.50	0.71	7.71	2.30	97.70
35	1.00	0.5	39.51	11.80	88.20
45	1.50	0.355	145.01	43.31	56.69
60	2.00	0.25	255.27	76.24	23.76
80	2.50	0.18	287.51	85.87	14.13
120	3.00	0.125	315.58	94.25	5.75
170	3.50	0.09	330.02	98.57	1.43
200	3.75	0.075	330.57	98.73	1.27
230	4.00	0.063	331.45	99.43	.57
PAN			331.66	99.94	.06

SIEVE LOSS(g) .21 MEDIAN (mm) .334
WT. AVE. (mm) .297 MEAN (mm) .314
SILT/CLAY % 1.21 SORTING .656
PHI(16) 1.057 PHI(84) 2.369
*** 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. JI12
SAMPLE ELEVATION 5.00

USCS
DESCRIPTION SW

DRY SAMPLE WT. (g) 227.29
SAMPLE WT. AFTER WASH (g) 223.95

SIEVE SIZE	PHI SIZE	MESH SIZE (mm)	GRAMS	%RET.	%PASS
5	-2.00	4.0	.02	.01	99.99
7	-1.50	2.8	.16	.07	99.93
10	-1.00	2.0	.41	.18	99.82
14	-0.50	1.4	1.04	.46	99.54
18	0.00	1.0	2.64	1.16	98.84
25	0.50	0.71	6.25	2.75	97.25
35	1.00	0.5	16.11	7.09	92.91
45	1.50	0.355	146.07	64.27	35.73
60	2.00	0.25	197.13	86.73	13.27
80	2.50	0.18	221.68	97.53	2.47
120	3.00	0.125	223.36	98.27	1.73
170	3.50	0.09	223.78	98.46	1.54
200	3.75	0.075	223.82	98.47	1.53
230	4.00	0.063	223.45	99.05	.95
PAN			223.91	99.98	.02

SIEVE LOSS(g) .04 MEDIAN (mm) .391
WT. AVE. (mm) .333 MEAN (mm) .366
SILT/CLAY % 1.51 SORTING .431
PHI(16) 1.067 PHI(84) 1.928
*** 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. JI12
SAMPLE ELEVATION 10.00

USCS
DESCRIPTION SW

DRY SAMPLE WT. (g) 356.20
SAMPLE WT. AFTER WASH (g) 351.28

SIEVE SIZE	PHI SIZE	MESH SIZE (mm)	GRAMS	%RET.	%PASS
5	-2.00	4.0	.22	.06	99.94
7	-1.50	2.8	.71	.20	99.80
10	-1.00	2.0	2.79	.78	99.22
14	-0.50	1.4	3.66	1.03	98.97
18	0.00	1.0	5.69	1.60	98.40
25	0.50	0.71	7.92	2.22	97.78
35	1.00	0.5	8.74	2.45	97.55
45	1.50	0.355	13.76	3.86	96.14
60	2.00	0.25	24.27	6.81	93.19
80	2.50	0.18	269.18	75.57	24.43
120	3.00	0.125	322.40	90.51	9.49
170	3.50	0.09	348.65	97.88	2.12
200	3.75	0.075	350.31	98.35	1.65
230	4.00	0.063	350.92	99.21	.79
PAN			351.04	99.93	.07

SIEVE LOSS(g) .24 MEDIAN (mm) .206
WT. AVE. (mm) .197 MEAN (mm) .195
SILT/CLAY % 1.59 SORTING .346
PHI(16) 2.055 PHI(84) 2.747
*** 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. JI12
SAMPLE ELEVATION 17.00

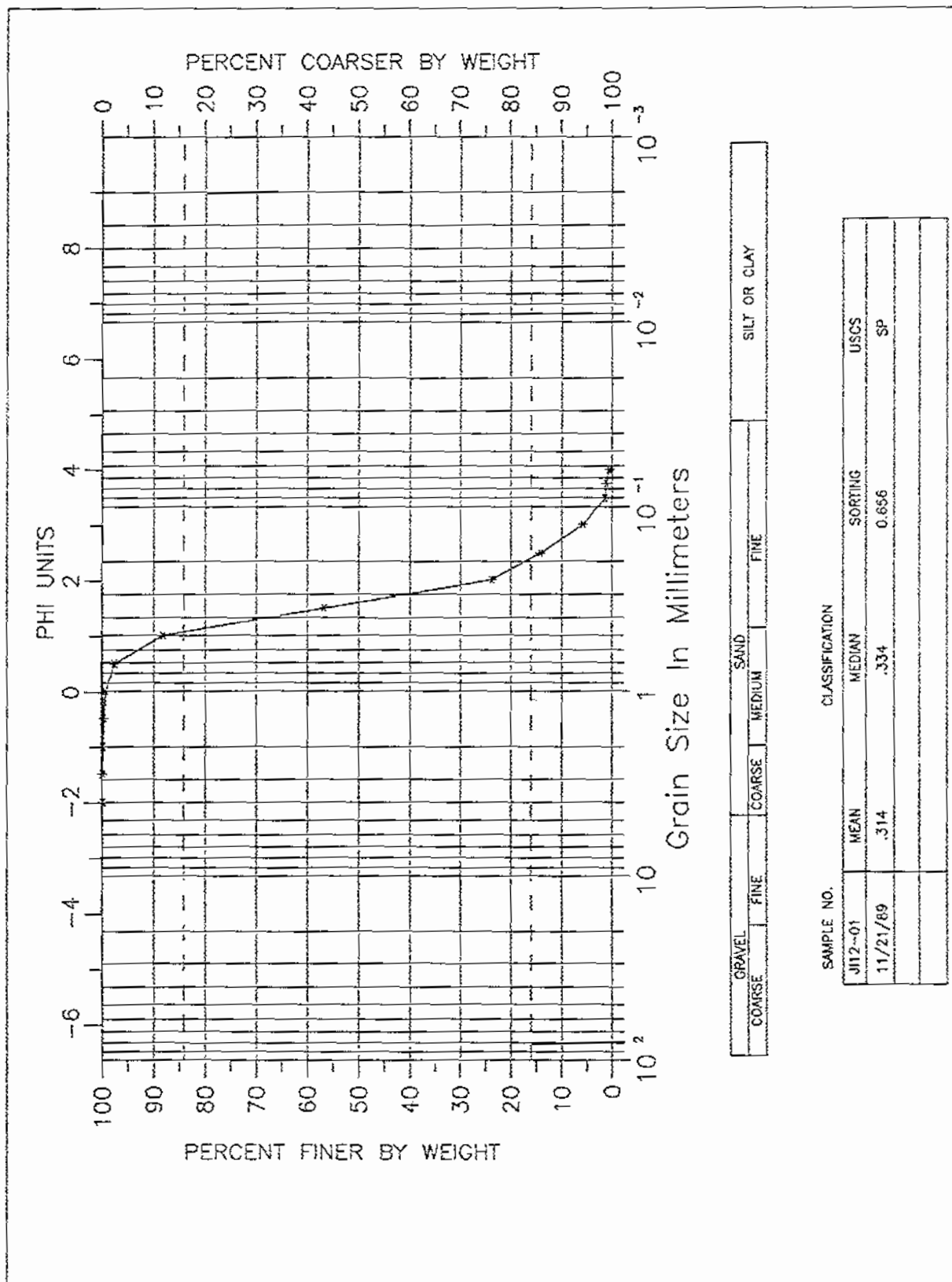
USCS
DESCRIPTION SW

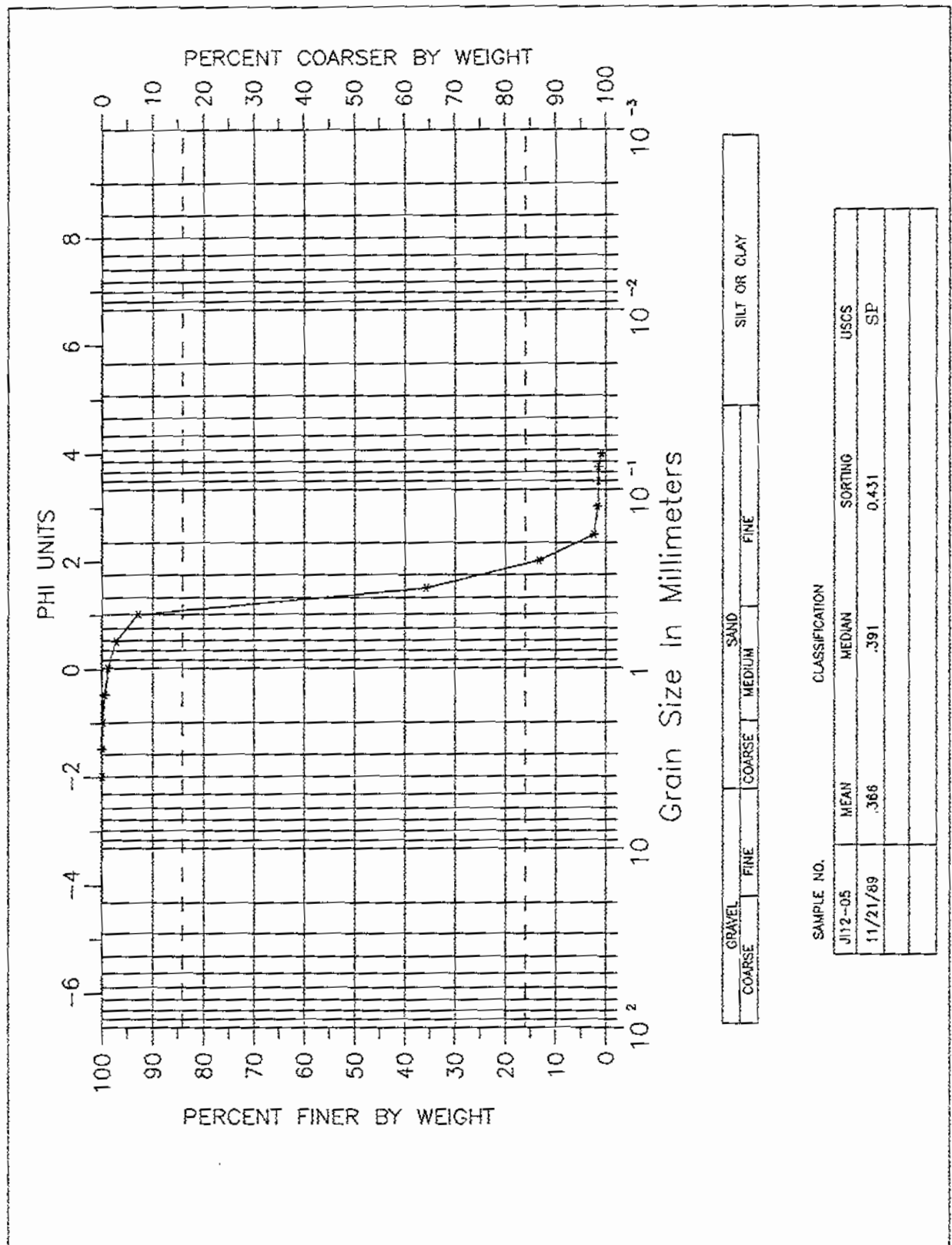
DRY SAMPLE WT. (g) 293.24
SAMPLE WT. AFTER WASH (g) 286.96

SIEVE SIZE	PHI SIZE	MESH SIZE (mm)	GRAMS	%RET.	%PASS
5	-2.00	4.0	1.94	.66	99.34
7	-1.50	2.8	3.88	1.32	98.68
10	-1.00	2.0	7.95	2.71	97.29
14	-0.50	1.4	11.17	3.81	96.19
18	0.00	1.0	13.96	4.76	95.24
25	0.50	0.71	16.38	5.59	94.41
35	1.00	0.5	19.06	6.50	93.50
45	1.50	0.355	22.70	7.74	92.26
60	2.00	0.25	31.76	10.83	89.17
80	2.50	0.18	48.07	16.39	83.61
120	3.00	0.125	174.58	59.53	40.47
170	3.50	0.09	281.34	95.94	4.06
200	3.75	0.075	285.27	97.28	2.72
230	4.00	0.063	286.07	98.63	1.37
PAN			286.34	99.79	.21

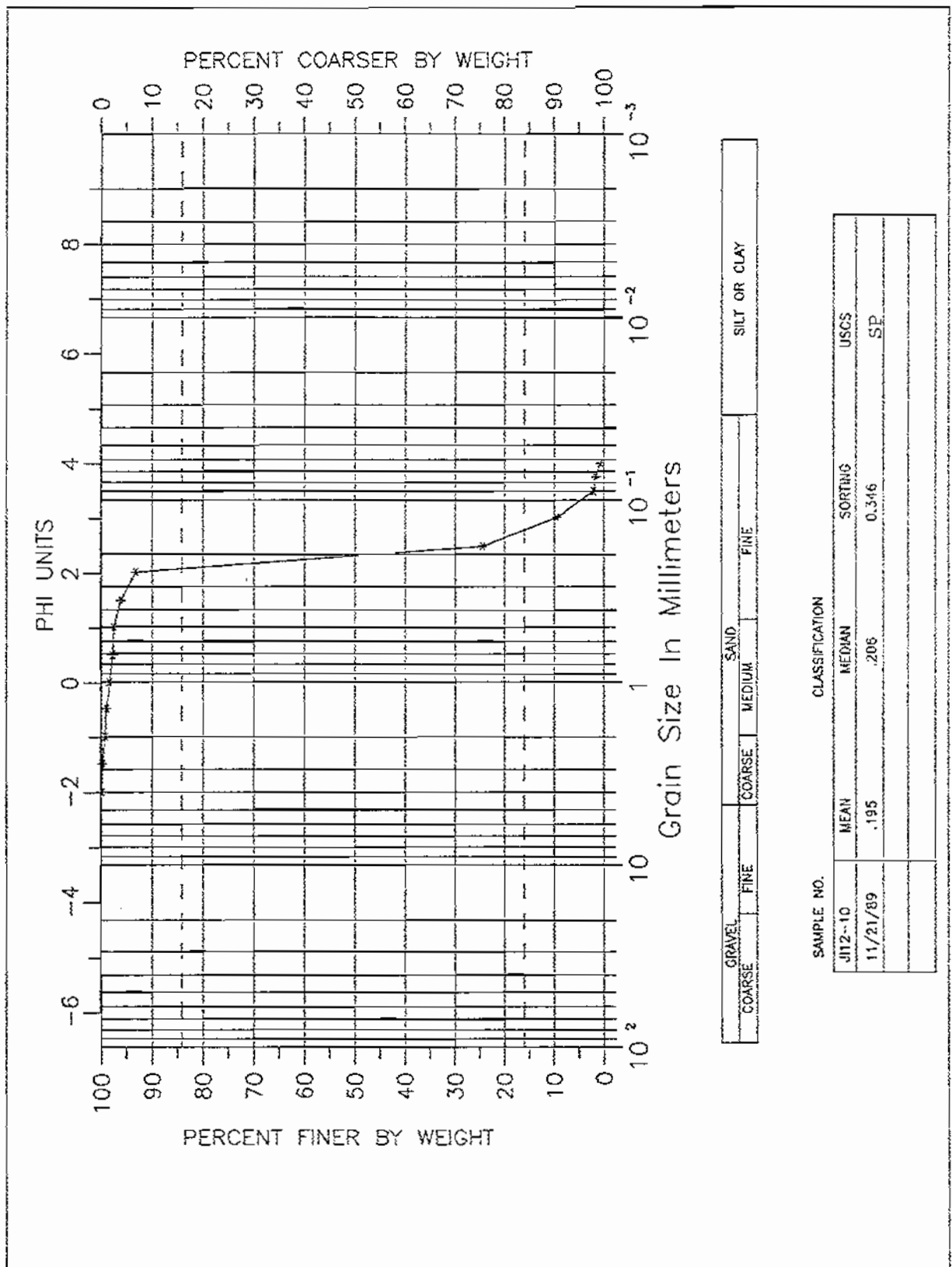
SIEVE LOSS(g) .62 MEDIAN (mm) .137
WT. AVE. (mm) .223 MEAN (mm) .137
SILT/CLAY % 2.51 SORTING .433
PHI(16) 2.435 PHI(84) 3.301
*** MEAN CALCULATED USING 3 POINT METHOD ***

PROPERTY OF COASTAL PLANNING AND ENGRG., INC. 1989

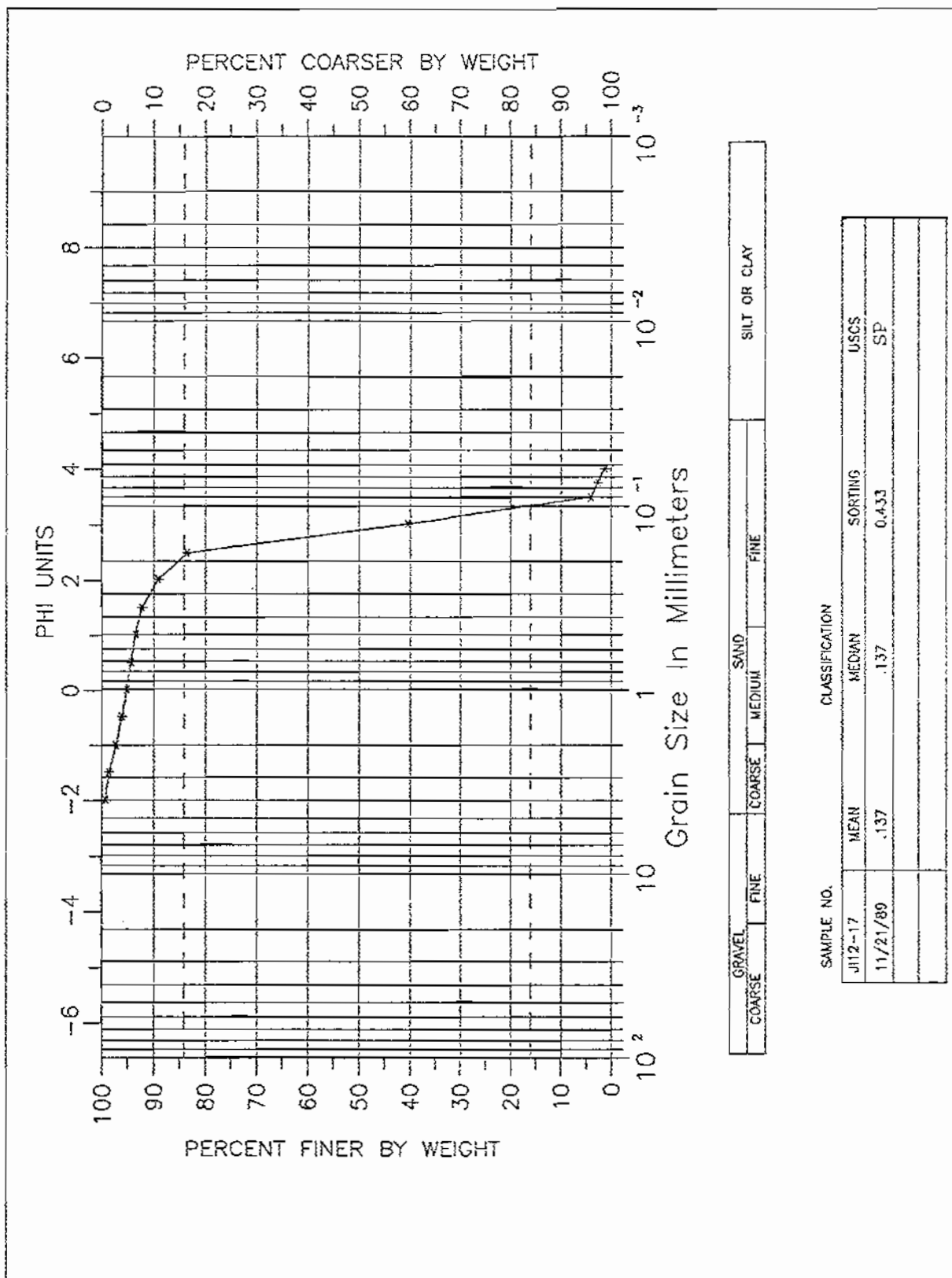




JUPITER INLET SHOAL VIBRACORE
GRAIN SIZE DISTRIBUTION CURVE



JUPITER INLET SHOAL VIBRACORE
GRAIN SIZE DISTRIBUTION CURVE



JUPITER INLET SHOAL VIBRACORE
GRAIN SIZE DISTRIBUTION CURVE