

GRADATION ANALYSIS REPORT
JUPITER INLET 11-21-89

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

SAMPLE NO. JI11
SAMPLE ELEVATION 3.00

USCS
DESCRIPTION SW

DRY SAMPLE WT. (g) 287.54
SAMPLE WT. AFTER WASH (g) 282.40

SIEVE SIZE	PHI SIZE	MESH SIZE (mm)	GRAMS	%RET.	%PASS
5	-2.00	4.0	.00	.00	100.00
7	-1.50	2.8	.08	.03	99.97
10	-1.00	2.0	.17	.06	99.94
14	-0.50	1.4	.25	.09	99.91
18	0.00	1.0	.33	.11	99.89
25	0.50	0.71	.45	.16	99.84
35	1.00	0.5	.63	.22	99.78
45	1.50	0.355	1.09	.38	99.62
60	2.00	0.25	19.15	6.66	93.34
80	2.50	0.18	212.18	73.79	26.21
120	3.00	0.125	253.83	88.28	11.72
170	3.50	0.09	280.72	97.63	2.37
200	3.75	0.075	281.61	97.94	2.06
230	4.00	0.063	281.96	98.95	1.05
PAN			282.14	99.91	.09

SIEVE LOSS(g) .26 MEDIAN (mm) .205
WT. AVE. (mm) .170 MEAN (mm) .191
SILT/CLAY % 1.97 SORTING .383
PHI(16) 2.057 PHI(84) 2.824
*** 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
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SAMPLE NO. JI11
SAMPLE ELEVATION 7.50

USCS
DESCRIPTION SW

DRY SAMPLE WT. (g) 265.72
SAMPLE WT. AFTER WASH (g) 263.33

SIEVE SIZE	PHI SIZE	MESH SIZE (mm)	GRAMS	%RET.	%PASS
5	-2.00	4.0	1.44	.54	99.46
7	-1.50	2.8	1.84	.69	99.31
10	-1.00	2.0	2.80	1.05	98.95
14	-0.50	1.4	3.81	1.43	98.57
18	0.00	1.0	4.39	1.65	98.35
25	0.50	0.71	4.84	1.82	98.18
35	1.00	0.5	5.35	2.01	97.99
45	1.50	0.355	6.49	2.44	97.56
60	2.00	0.25	10.60	3.99	96.01
80	2.50	0.18	20.93	7.88	92.12
120	3.00	0.125	204.32	76.89	23.11
170	3.50	0.09	258.86	97.42	2.58
200	3.75	0.075	261.96	98.58	1.42
230	4.00	0.063	262.92	99.40	.60
PAN			263.11	99.92	.08

SIEVE LOSS(g) .22 MEDIAN (mm) .146
WT. AVE. (mm) .163 MEAN (mm) .142
SILT/CLAY % 1.33 SORTING .310
PHI(16) 2.527 PHI(84) 3.147
*** MEAN CALCULATED USING 3 POINT METHOD ***

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GRADATION ANALYSIS REPORT
JUPITER INLET 11-21-89

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

SAMPLE NO. JI11
SAMPLE ELEVATION 14.00

USCS
DESCRIPTION SW

DRY SAMPLE WT. (g) 351.03
SAMPLE WT. AFTER WASH (g) 349.54

SIEVE SIZE	PHI SIZE	MESH SIZE (mm)	GRAMS	%RET.	%PASS
5	-2.00	4.0	1.76	.50	99.50
7	-1.50	2.8	4.07	1.16	98.84
10	-1.00	2.0	6.71	1.91	98.09
14	-0.50	1.4	8.81	2.51	97.49
18	0.00	1.0	10.15	2.89	97.11
25	0.50	0.71	11.64	3.32	96.68
35	1.00	0.5	13.03	3.71	96.29
45	1.50	0.355	14.98	4.27	95.73
60	2.00	0.25	23.71	6.75	93.25
80	2.50	0.18	48.52	13.82	86.18
120	3.00	0.125	250.23	71.28	28.72
170	3.50	0.09	344.04	98.01	1.99
200	3.75	0.075	347.56	99.01	.99
230	4.00	0.063	348.95	99.62	.38
PAN			349.02	99.85	.15

SIEVE LOSS(g) .52 MEDIAN (mm) .145
WT. AVE. (mm) .189 MEAN (mm) .141
SILT/CLAY % .84 SORTING .358
PHI(16) 2.491 PHI(84) 3.206
*** MEAN CALCULATED USING 3 POINT METHOD ***

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GRADATION ANALYSIS REPORT
JUPITER INLET 11-21-89

SAMPLE TYPE: CLASSIFICATION

NAME: LAW

DATE: DECEMBER 7, 1989

SAMPLE NO. JI11
SAMPLE ELEVATION 17.00

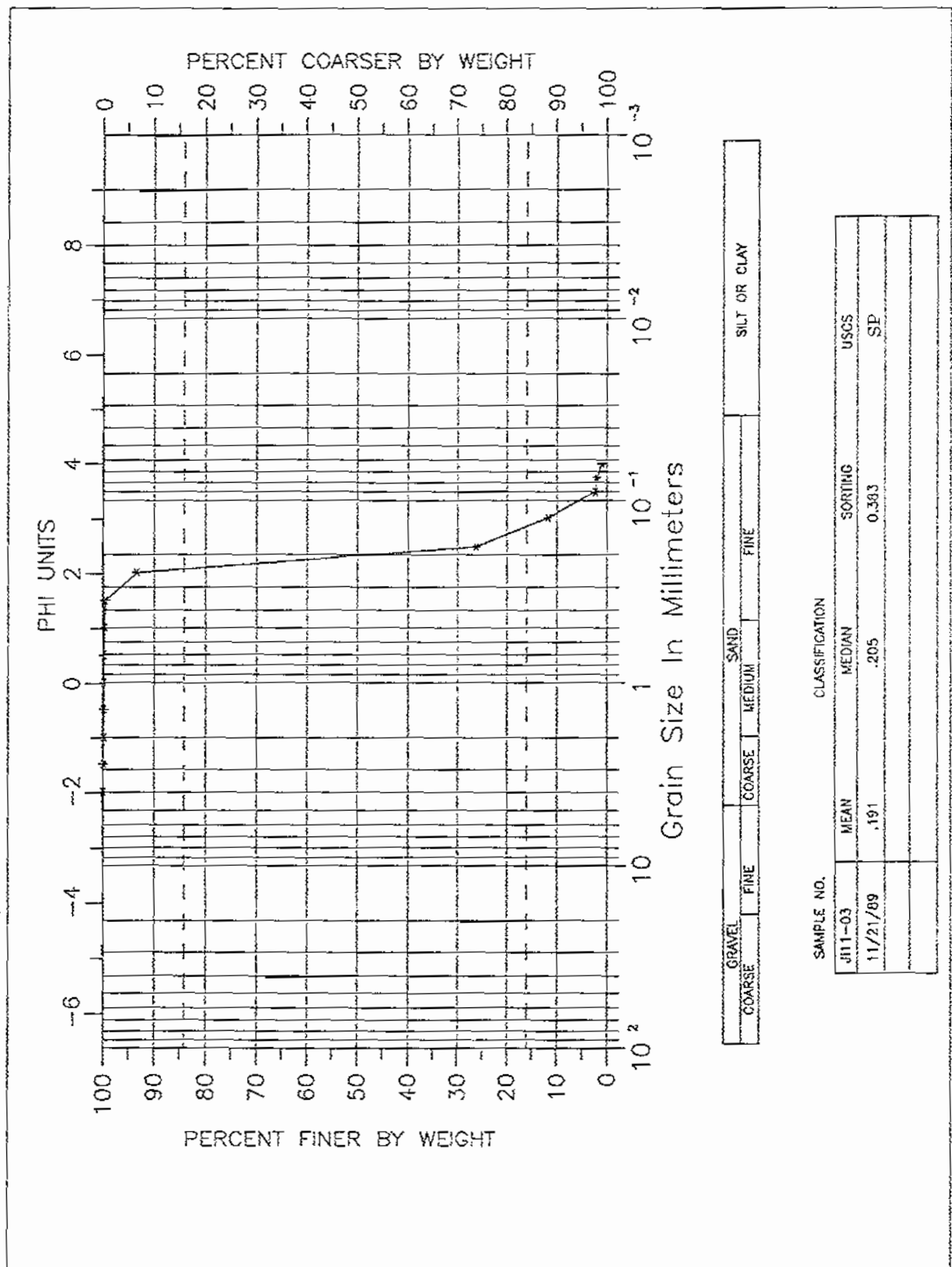
USCS
DESCRIPTION SP

DRY SAMPLE WT. (g) 293.04
SAMPLE WT. AFTER WASH (g) 286.82

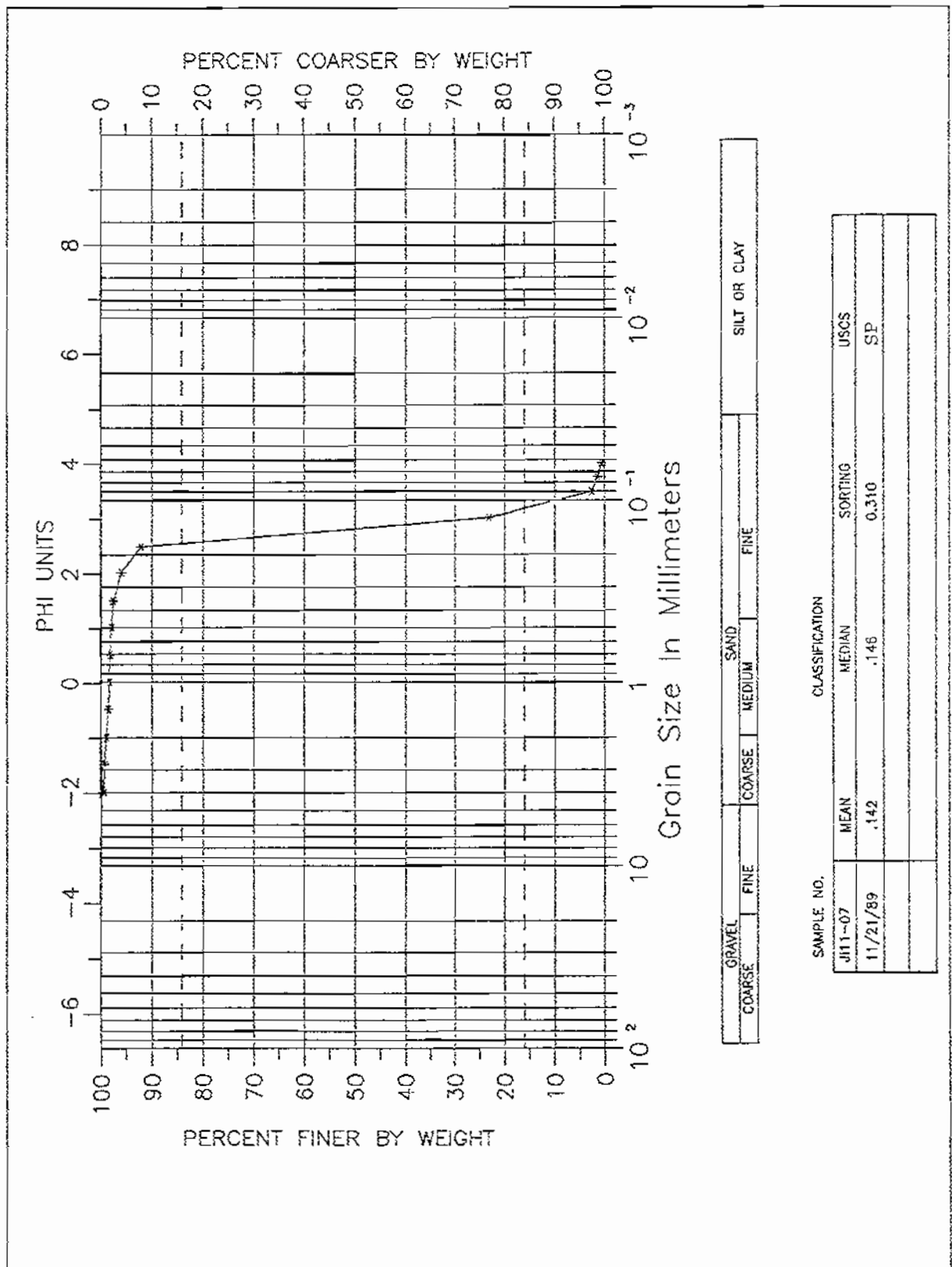
SIEVE SIZE	PHI SIZE	MESH SIZE (mm)	GRAMS	%RET.	%PASS
5	-2.00	4.0	10.67	3.64	96.36
7	-1.50	2.8	14.61	4.99	95.01
10	-1.00	2.0	20.87	7.12	92.88
14	-0.50	1.4	27.69	9.45	90.55
18	0.00	1.0	35.34	12.06	87.94
25	0.50	0.71	43.09	14.70	85.30
35	1.00	0.5	50.00	17.06	82.94
45	1.50	0.355	56.11	19.15	80.85
60	2.00	0.25	68.43	23.35	76.65
80	2.50	0.18	91.20	31.12	68.88
120	3.00	0.125	232.92	79.48	20.52
170	3.50	0.09	281.79	96.16	3.84
200	3.75	0.075	285.21	97.33	2.67
230	4.00	0.063	285.80	98.59	1.41
PAN			286.01	99.72	.28

SIEVE LOSS(g) .81 MEDIAN (mm) .159
WT. AVE. (mm) .433 MEAN (mm) .222
SILT/CLAY % 2.40 SORTING 1.182
PHI(16) .750 PHI(84) 3.114
*** MEAN CALCULATED USING 3 POINT METHOD ***

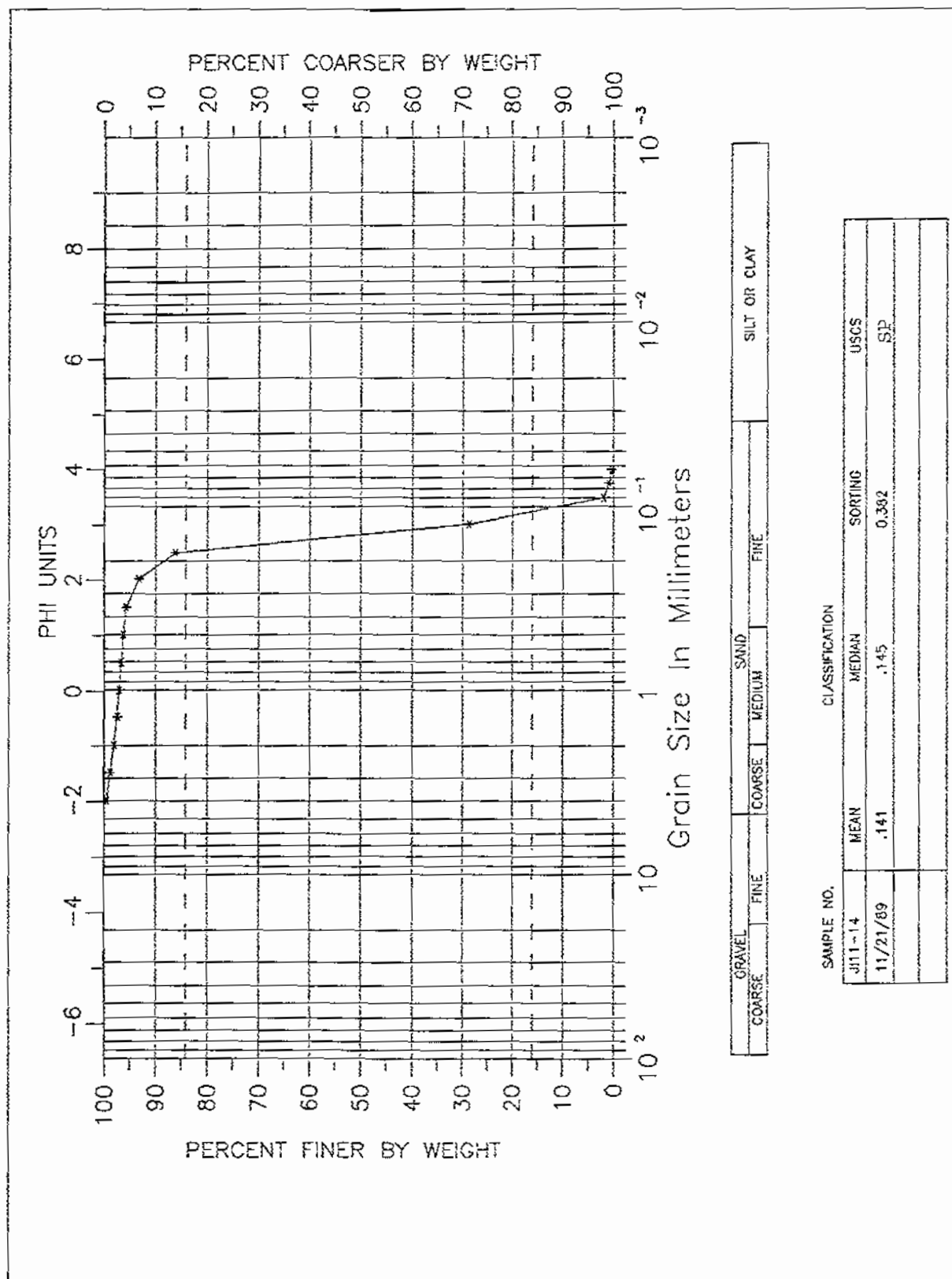
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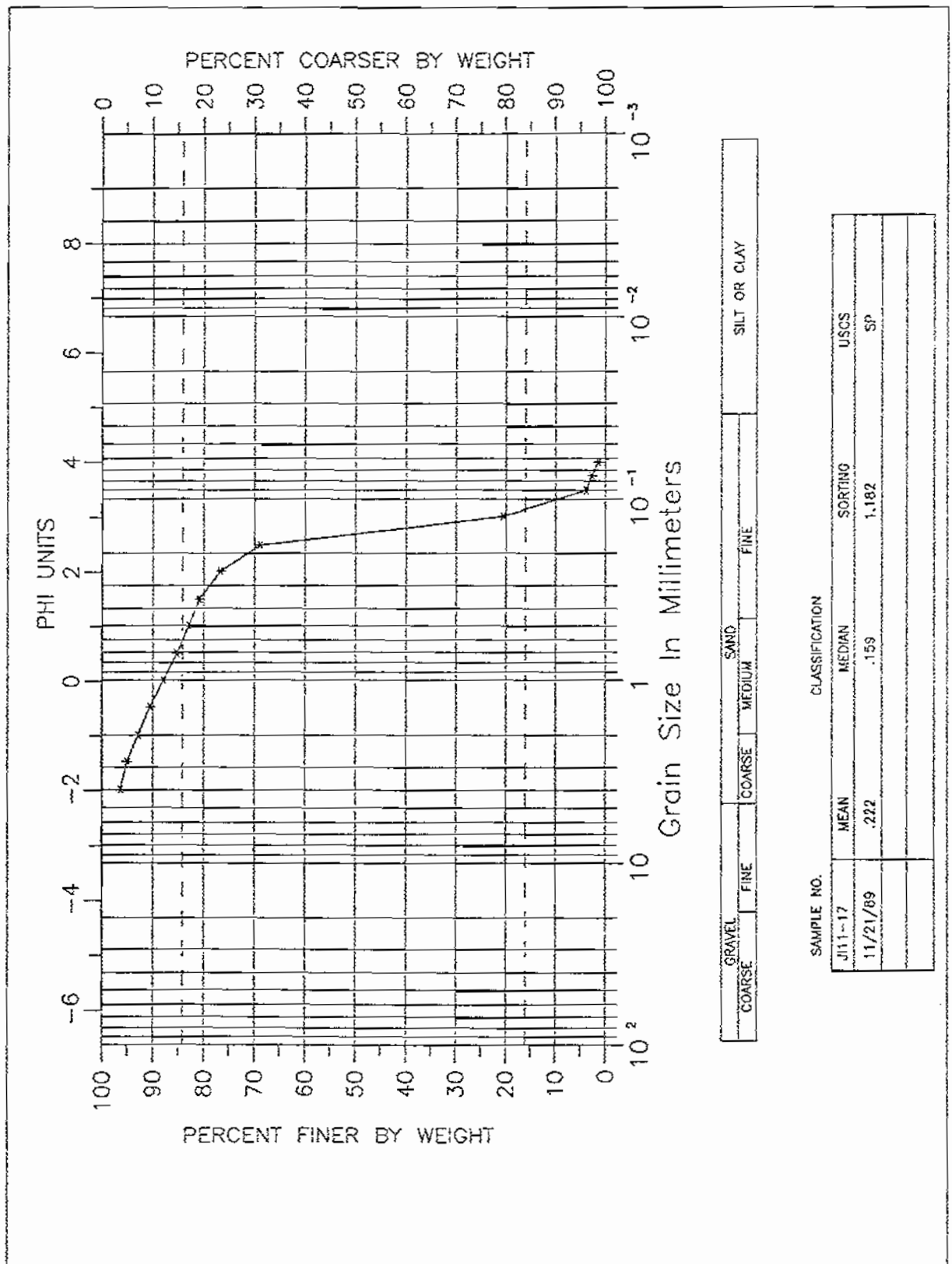
JUPITER INLET SHOAL VIBRACORE
GRAIN SIZE DISTRIBUTION CURVE



JUPITER INLET SHOAL VIBRACORE
GRAIN SIZE DISTRIBUTION CURVE



JUPITER INLET SHOAL VIBRACORE
GRAIN SIZE DISTRIBUTION CURVE



JUPITER INLET SHOAL VIBRACORE
GRAIN SIZE DISTRIBUTION CURVE