

GRADATION ANALYSIS REPORT
N. BOCA RATON BORROW AREA VC 9/84
TESTED BY: MDA ON: 09-02-94

SAMPLE NO.: BR1 S#1
SAMPLE ELEV. (FT. NGVD): -55.0
SAMPLE DEPTH (FT.): -14.0
SAMPLE TYPE: CORE SAMPLE

USCS DESCRIPTION: SP

DRY SAMPLE WEIGHT (GRAMS): 67.57
SAMPLE WEIGHT AFTER WASH (GRAMS): 66.17

SIEVE SIZE	PHI SIZE	MESH SIZE (mm)	RETAINED (GRAMS)	RETAINED (%)	PASSED (%)
5/8	-4.0	16.000	.00	.00	100.00
5/16	-3.0	8.000	.00	.00	100.00
5	-2.0	4.000	.00	.00	100.00
7	-1.5	2.800	.00	.00	100.00
10	-1.0	2.000	.10	.15	99.85
14	-0.5	1.400	.23	.34	99.66
18	0.0	1.000	.42	.62	99.38
25	0.5	.710	1.31	1.94	98.06
35	1.0	.500	5.34	7.90	92.10
45	1.5	.355	14.28	21.13	78.87
60	2.0	.250	38.95	57.64	42.36
80	2.5	.180	59.71	88.37	11.63
120	3.0	.125	65.74	97.29	2.71
170	3.5	.090	66.13	97.87	2.13
200	3.75	.075	66.16	97.91	2.09
230	4.0	.063	66.87	98.96	1.04
PAN			67.57	100.00	.00

PHI(5): .76 PHI(16): 1.31 PHI(25): 1.55
PHI(50): 1.90 PHI(75): 2.28 PHI(84): 2.43
PHI(95): 2.87

SIEVE LOSS(g): .00 SILT/CLAY: 2.09%
SKEWNESS: -.162 KURTOSIS: 1.188

GRAPHIC METHOD

MEAN (PHI): 1.85 SORTING: .56
MEAN (mm): .28 MEDIAN (mm): .27
NOTE: MEAN WAS CALCULATED USING 5 POINT METHOD

MOMENT METHOD

MEAN (PHI): 1.87 SORTING: .61
MEAN (mm): .27

DATA FILE NAME: B:VC1S#1.TAB

GRADATION ANALYSIS REPORT
N. BOCA RATON BORROW AREA VC 9/84
TESTED BY: MDA ON: 09-02-94

SAMPLE NO.: BR1 S#2
SAMPLE ELEV. (FT. NGVD): -57.5
SAMPLE DEPTH (FT.): -16.5
SAMPLE TYPE: CORE SAMPLE

USCS DESCRIPTION: SP

DRY SAMPLE WEIGHT (GRAMS): 73.84
SAMPLE WEIGHT AFTER WASH (GRAMS): 72.07

SIEVE SIZE	PHI SIZE	MESH SIZE (mm)	RETAINED (GRAMS)	RETAINED (%)	PASSED (%)
5/8	-4.0	16.000	.00	.00	100.00
5/16	-3.0	8.000	.00	.00	100.00
5	-2.0	4.000	.19	.26	99.74
7	-1.5	2.800	.49	.66	99.34
10	-1.0	2.000	.91	1.23	98.77
14	-0.5	1.400	1.65	2.23	97.77
18	0.0	1.000	2.66	3.60	96.40
25	0.5	.710	5.14	6.96	93.04
35	1.0	.500	12.46	16.87	83.13
45	1.5	.355	24.29	32.90	67.10
60	2.0	.250	51.52	69.77	30.23
80	2.5	.180	68.09	92.21	7.79
120	3.0	.125	71.67	97.06	2.94
170	3.5	.090	71.93	97.41	2.59
200	3.75	.075	71.98	97.48	2.52
230	4.0	.063	72.88	98.69	1.31
PAN			73.76	99.89	.11

PHI(5): .21 PHI(16): .96 PHI(25): 1.25
PHI(50): 1.73 PHI(75): 2.12 PHI(84): 2.32
PHI(95): 2.79

SIEVE LOSS(g): .08 SILT/CLAY: 2.52%
SKEWNESS: -.468 KURTOSIS: 1.225

GRAPHIC METHOD

MEAN (PHI): 1.60 SORTING: .68
MEAN (mm): .33 MEDIAN (mm): .30

NOTE: MEAN WAS CALCULATED USING 5 POINT METHOD

MOMENT METHOD

MEAN (PHI): 1.62 SORTING: .80
MEAN (mm): .33

DATA FILE NAME: B:VC1S#2.TAB



