

GRADATION ANALYSIS REPORT

LIDO KEY VC 2000

TESTED BY: ID ON: 8/00

SAMPLE NO.: LK-00-01

SAMPLE ELEV. (FT. NGVD): -17.3

SAMPLE DEPTH (FT.): 2.0

SAMPLE TYPE: CORE SAMPLE

USCS DESCRIPTION: SP

DRY SAMPLE WEIGHT (GRAMS): 99.11

SAMPLE WEIGHT AFTER WASH (GRAMS): 95.95

SIEVE SIZE	PHI SIZE	MESH SIZE (mm)	RETAINED (GRAMS)	RETAINED (%)	PASSED (%)
5/8	-4.00	16.000	0.00	0.00	100.00
5/16	-3.00	8.000	0.00	0.00	100.00
5	-2.00	4.000	0.00	0.00	100.00
7	-1.50	2.800	0.11	0.11	99.89
10	-1.00	2.000	0.18	0.18	99.82
14	-0.50	1.400	0.24	0.24	99.76
18	0.00	1.000	0.32	0.32	99.68
25	0.50	0.710	0.42	0.42	99.58
35	1.00	0.500	0.55	0.55	99.45
45	1.50	0.355	0.64	0.65	99.35
60	2.00	0.250	0.80	0.81	99.19
80	2.50	0.180	2.07	2.09	97.91
120	3.00	0.125	61.35	61.90	38.10
170	3.50	0.090	93.77	94.61	5.39
200	3.75	0.075	95.74	96.60	3.40
230	4.00	0.063	97.51	98.39	1.61
PAN			99.10	99.99	0.01

PHI (5): 2.52

PHI (16): 2.62

PHI (25): 2.69

PHI (50): 2.90

PHI (75): 3.20

PHI (84): 3.34

PHI (95): 3.55

SIEVE LOSS (g): 0.01

SILT/CLAY: 3.40%

SKEWNESS: 0.377

KURTOSIS: 0.825

GRAPHIC METHOD

MEAN (PHI): 2.99

SORTING: 0.36

MEAN (mm): 0.13

MEDIAN (mm): 0.13

NOTE: MEAN WAS CALCULATED USING 5 POINT METHOD

MOMENT METHOD

MEAN (PHI): 2.93

SORTING: 0.40

MEAN (mm): 0.13

DATA FILE NAME: LK-00-01 S#1.TAB

GRADATION ANALYSIS REPORT

LIDO KEY VC 2000

TESTED BY: ID ON: 8/00

SAMPLE NO.: LK-00-01

SAMPLE ELEV. (FT. NGVD): -21.7

SAMPLE DEPTH (FT.): 6.4

SAMPLE TYPE: CORE SAMPLE

USCS DESCRIPTION: SP-SM

DRY SAMPLE WEIGHT (GRAMS): 99.33

SAMPLE WEIGHT AFTER WASH (GRAMS): 89.98

SIEVE SIZE	PHI SIZE	MESH SIZE (mm)	RETAINED (GRAMS)	RETAINED (%)	PASSED (%)
5/8	-4.00	16.000	0.00	0.00	100.00
5/16	-3.00	8.000	0.00	0.00	100.00
5	-2.00	4.000	2.68	2.70	97.30
7	-1.50	2.800	3.78	3.81	96.19
10	-1.00	2.000	5.03	5.06	94.94
14	-0.50	1.400	6.02	6.06	93.94
18	0.00	1.000	6.94	6.99	93.01
25	0.50	0.710	8.07	8.12	91.88
35	1.00	0.500	8.89	8.95	91.05
45	1.50	0.355	10.52	10.59	89.41
60	2.00	0.250	12.29	12.37	87.63
80	2.50	0.180	27.76	27.95	72.05
120	3.00	0.125	43.43	43.72	56.28
170	3.50	0.090	79.49	80.03	19.97
200	3.75	0.075	88.09	88.68	11.32
230	4.00	0.063	94.48	95.11	4.89
PAN			99.32	99.99	0.01

PHI (5): -1.03

PHI (16): 2.12

PHI (25): 2.41

PHI (50): 3.09

PHI (75): 3.43

PHI (84): 3.61

PHI (95): 4.00

SIEVE LOSS (g): 0.01

SILT/CLAY: 11.32%

SKEWNESS: -2.138

KURTOSIS: 2.007

GRAPHIC METHOD

MEAN (PHI): 2.36

SORTING: 0.75

MEAN (mm): 0.20

MEDIAN (mm): 0.12

NOTE: MEAN WAS CALCULATED USING 5 POINT METHOD

MOMENT METHOD

MEAN (PHI): 2.60

SORTING: 1.37

MEAN (mm): 0.16

DATA FILE NAME: LK-00-01 S#2.TAB

GRADATION ANALYSIS REPORT

LIDO KEY VC 2000

TESTED BY: ID ON: 8/00

SAMPLE NO.: LK-00-01

SAMPLE ELEV. (FT. NGVD): -23.8

SAMPLE DEPTH (FT.): 8.5

SAMPLE TYPE: CORE SAMPLE

USCS DESCRIPTION: SP-SM

DRY SAMPLE WEIGHT (GRAMS): 97.43

SAMPLE WEIGHT AFTER WASH (GRAMS): 86.76

SIEVE SIZE	PHI SIZE	MESH SIZE (mm)	RETAINED (GRAMS)	RETAINED (%)	PASSED (%)
5/8	-4.00	16.000	0.00	0.00	100.00
5/16	-3.00	8.000	0.00	0.00	100.00
5	-2.00	4.000	1.96	2.01	97.99
7	-1.50	2.800	2.71	2.78	97.22
10	-1.00	2.000	3.78	3.88	96.12
14	-0.50	1.400	6.69	6.87	93.13
18	0.00	1.000	12.23	12.55	87.45
25	0.50	0.710	17.53	17.99	82.01
35	1.00	0.500	22.98	23.59	76.41
45	1.50	0.355	25.86	26.54	73.46
60	2.00	0.250	28.90	29.66	70.34
80	2.50	0.180	33.28	34.16	65.84
120	3.00	0.125	56.03	57.51	42.49
170	3.50	0.090	82.40	84.57	15.43
200	3.75	0.075	86.23	88.50	11.50
230	4.00	0.063	92.01	94.44	5.56
PAN			97.41	99.98	0.02

PHI (5): -0.81

PHI (16): 0.32

PHI (25): 1.24

PHI (50): 2.84

PHI (75): 3.32

PHI (84): 3.49

PHI (95): 4.02

SIEVE LOSS (g): 0.02

SILT/CLAY: 11.50%

SKEWNESS: -0.778

KURTOSIS: 0.951

GRAPHIC METHOD

MEAN (PHI): 1.97

SORTING: 1.59

MEAN (mm): 0.26

MEDIAN (mm): 0.14

NOTE: MEAN WAS CALCULATED USING 5 POINT METHOD

MOMENT METHOD

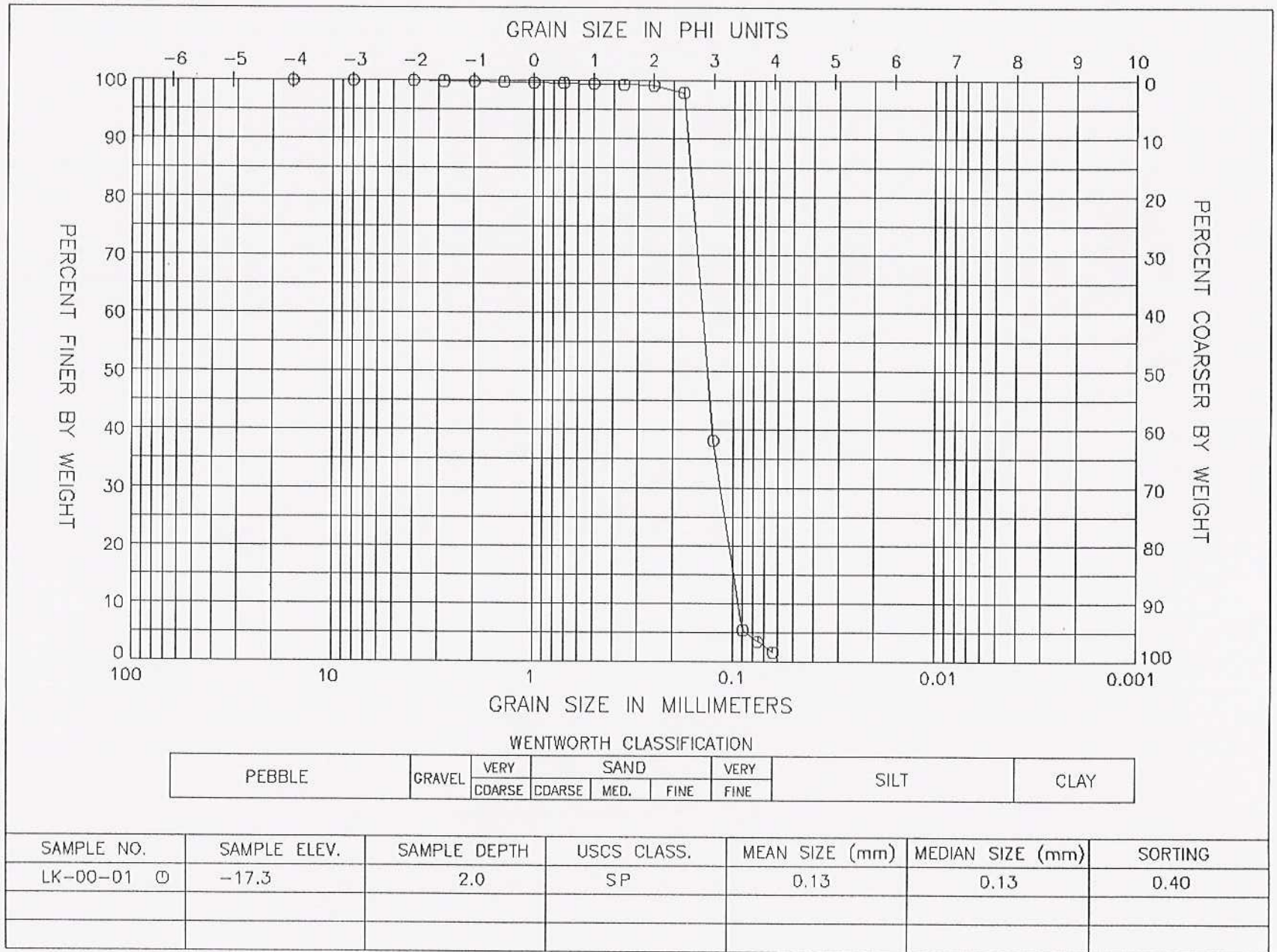
MEAN (PHI): 2.15

SORTING: 1.55

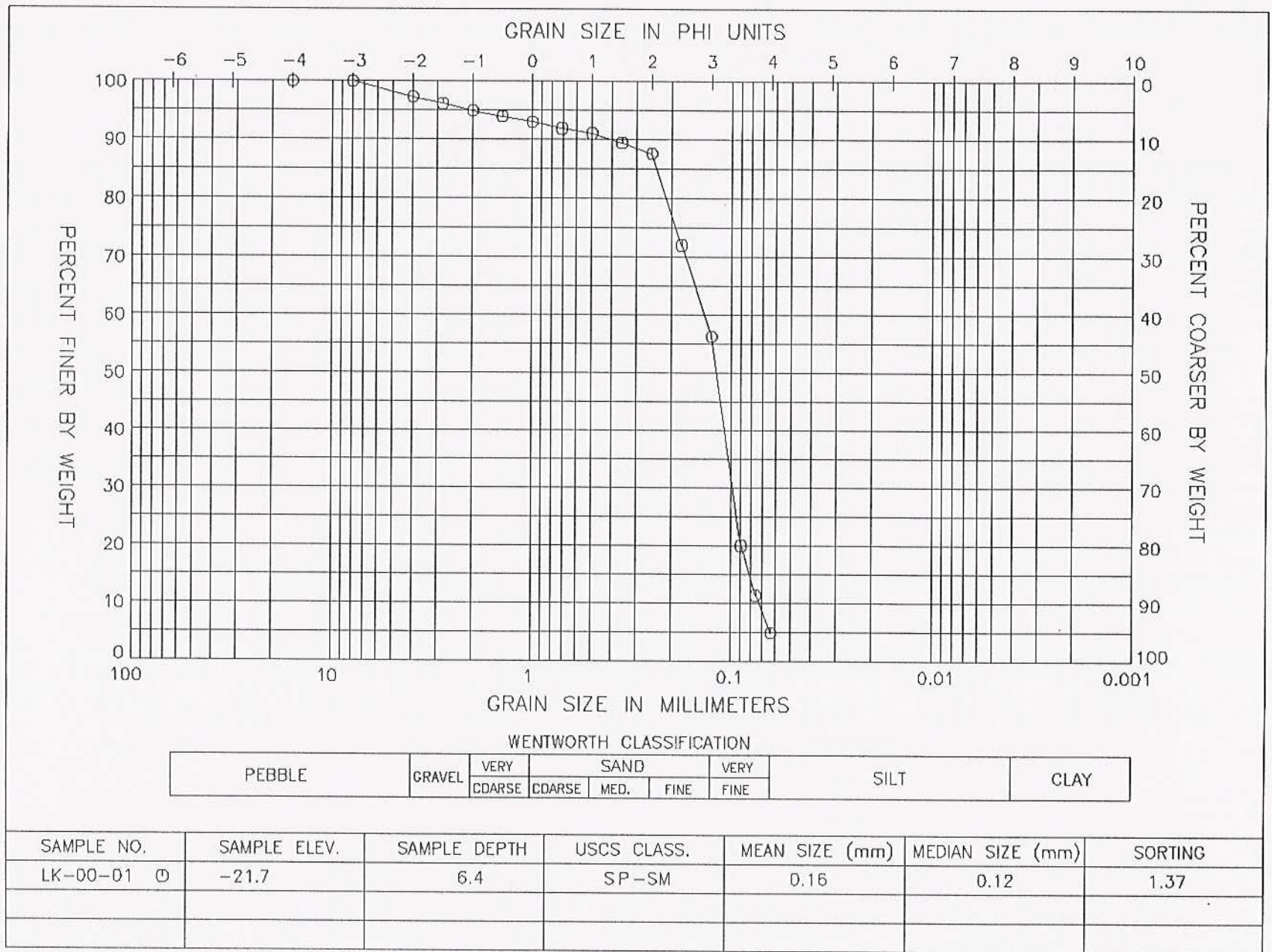
MEAN (mm): 0.23

DATA FILE NAME: LK-00-01 S#3.TAB

GRAIN SIZE DISTRIBUTION CURVE
LIDO KEY VC 2000



GRAIN SIZE DISTRIBUTION CURVE
LIDO KEY VC 2000



GRAIN SIZE DISTRIBUTION CURVE
LIDO KEY VC 2000

