

GRADATION ANALYSIS REPORT

LIDO KEY VC 2000

TESTED BY: ID ON: 8/00

SAMPLE NO.: LK-00-19

SAMPLE ELEV. (FT. NGVD): -43.8

SAMPLE DEPTH (FT.): 2.0

SAMPLE TYPE: CORE SAMPLE

USCS DESCRIPTION: SP

DRY SAMPLE WEIGHT (GRAMS): 98.53

SAMPLE WEIGHT AFTER WASH (GRAMS): 96.90

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	0.17	0.17	99.83
7	-1.50	2.800	0.58	0.59	99.41
10	-1.00	2.000	1.22	1.24	98.76
14	-0.50	1.400	2.66	2.70	97.30
18	0.00	1.000	5.52	5.60	94.40
25	0.50	0.710	15.52	15.75	84.25
35	1.00	0.500	33.36	33.86	66.14
45	1.50	0.355	52.02	52.80	47.20
60	2.00	0.250	77.61	78.77	21.23
80	2.50	0.180	92.19	93.57	6.43
120	3.00	0.125	95.83	97.26	2.74
170	3.50	0.090	96.55	97.99	2.01
200	3.75	0.075	96.76	98.20	1.80
230	4.00	0.063	97.68	99.14	0.86
PAN			98.51	99.98	0.02

PHI (5): -0.10

PHI (16): 0.51

PHI (25): 0.76

PHI (50): 1.43

PHI (75): 1.93

PHI (84): 2.18

PHI (95): 2.69

SIEVE LOSS (g): 0.02

SILT/CLAY: 1.80%

SKEWNESS: -0.157

KURTOSIS: 0.978

GRAPHIC METHOD

MEAN (PHI): 1.34

SORTING: 0.83

MEAN (mm): 0.40

MEDIAN (mm): 0.37

NOTE: MEAN WAS CALCULATED USING 5 POINT METHOD

MOMENT METHOD

MEAN (PHI): 1.33

SORTING: 0.88

MEAN (mm): 0.40

DATA FILE NAME: LK-00-19 S#1.TAB

GRADATION ANALYSIS REPORT

LIDO KEY VC 2000

TESTED BY: ID ON: 8/00

SAMPLE NO.: LK-00-19

SAMPLE ELEV. (FT. NGVD): -46.2

SAMPLE DEPTH (FT.): 4.4

SAMPLE TYPE: CORE SAMPLE

USCS DESCRIPTION: SP-SM

DRY SAMPLE WEIGHT (GRAMS): 98.27

SAMPLE WEIGHT AFTER WASH (GRAMS): 87.85

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	0.24	0.24	99.76
7	-1.50	2.800	0.46	0.47	99.53
10	-1.00	2.000	1.00	1.02	98.98
14	-0.50	1.400	1.70	1.73	98.27
18	0.00	1.000	2.58	2.63	97.37
25	0.50	0.710	4.22	4.29	95.71
35	1.00	0.500	7.15	7.28	92.72
45	1.50	0.355	11.62	11.82	88.18
60	2.00	0.250	20.80	21.17	78.83
80	2.50	0.180	36.91	37.56	62.44
120	3.00	0.125	67.18	68.36	31.64
170	3.50	0.090	83.28	84.75	15.25
200	3.75	0.075	86.85	88.38	11.62
230	4.00	0.063	92.50	94.13	5.87
PAN			98.27	100.00	0.00

PHI (5): 0.62

PHI (16): 1.72

PHI (25): 2.12

PHI (50): 2.70

PHI (75): 3.20

PHI (84): 3.48

PHI (95): 4.04

SIEVE LOSS (g): 0.00

SILT/CLAY: 11.62%

SKEWNESS: -0.426

KURTOSIS: 1.291

GRAPHIC METHOD

MEAN (PHI): 2.51

SORTING: 0.88

MEAN (mm): 0.18

MEDIAN (mm): 0.15

NOTE: MEAN WAS CALCULATED USING 5 POINT METHOD

MOMENT METHOD

MEAN (PHI): 2.47

SORTING: 0.98

MEAN (mm): 0.18

DATA FILE NAME: LK-00-19 S#2.TAB

GRADATION ANALYSIS REPORT

LIDO KEY VC 2000

TESTED BY: ID ON: 8/00

SAMPLE NO.: LK-00-19

SAMPLE ELEV. (FT. NGVD): -47.6

SAMPLE DEPTH (FT.): 5.8

SAMPLE TYPE: CORE SAMPLE

USCS DESCRIPTION: SW-SM

DRY SAMPLE WEIGHT (GRAMS): 92.99

SAMPLE WEIGHT AFTER WASH (GRAMS): 84.35

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	3.62	3.89	96.11
5	-2.00	4.000	15.97	17.17	82.83
7	-1.50	2.800	20.75	22.31	77.69
10	-1.00	2.000	24.67	26.53	73.47
14	-0.50	1.400	29.84	32.09	67.91
18	0.00	1.000	36.68	39.45	60.55
25	0.50	0.710	46.00	49.47	50.53
35	1.00	0.500	53.99	58.06	41.94
45	1.50	0.355	59.99	64.51	35.49
60	2.00	0.250	67.74	72.85	27.15
80	2.50	0.180	73.21	78.73	21.27
120	3.00	0.125	79.00	84.96	15.04
170	3.50	0.090	82.95	89.20	10.80
200	3.75	0.075	84.18	90.53	9.47
230	4.00	0.063	88.64	95.32	4.68
PAN			92.99	100.00	0.00

PHI (5): -2.92

PHI (16): -2.09

PHI (25): -1.18

PHI (50): 0.53

PHI (75): 2.18

PHI (84): 2.92

PHI (95): 3.98

SIEVE LOSS (g): 0.00

SILT/CLAY: 9.47%

SKEWNESS: 0.001

KURTOSIS: 0.840

GRAPHIC METHOD

MEAN (PHI): 0.49

SORTING: 2.51

MEAN (mm): 0.71

MEDIAN (mm): 0.69

NOTE: MEAN WAS CALCULATED USING 5 POINT METHOD

MOMENT METHOD

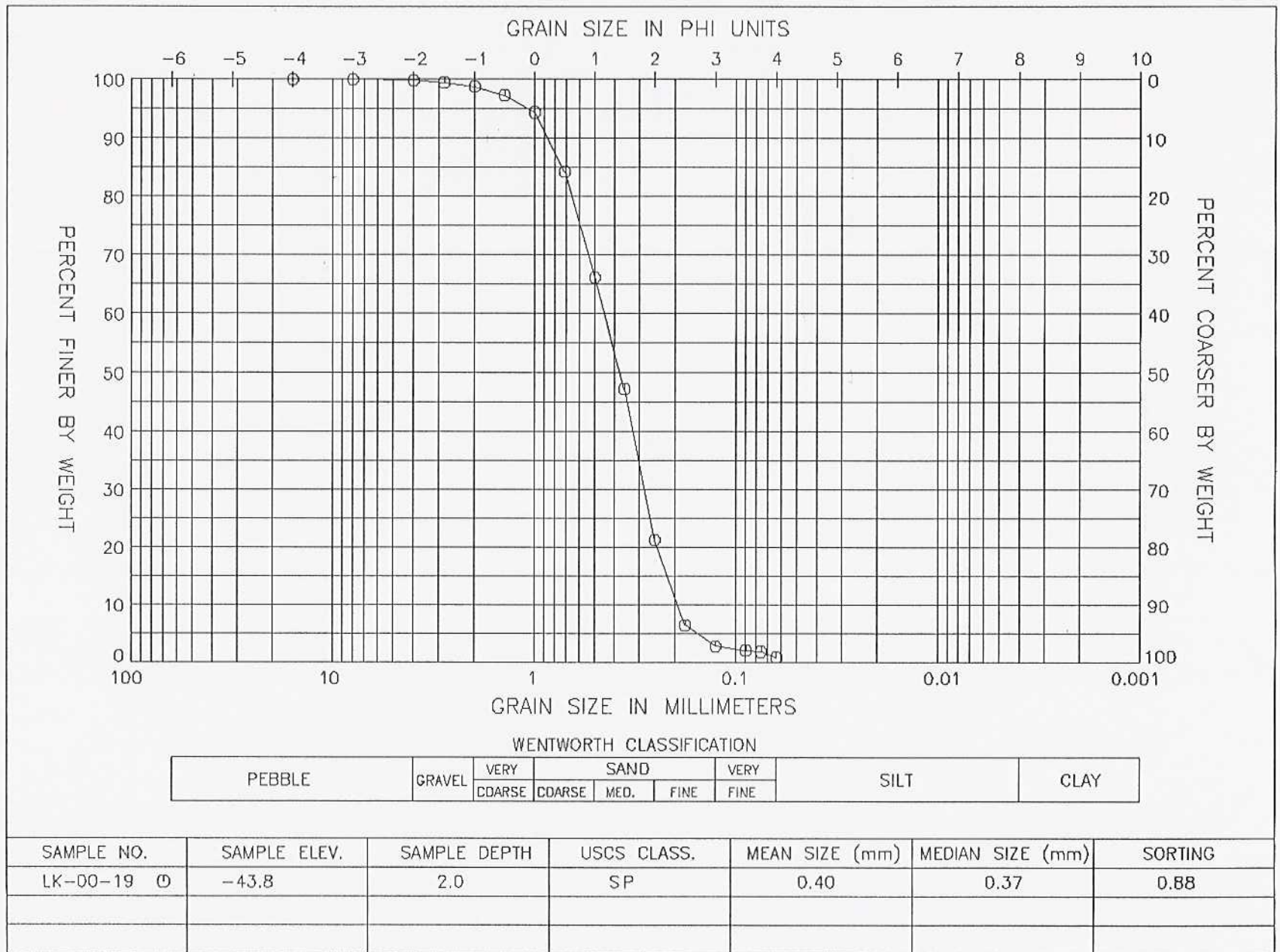
MEAN (PHI): 0.34

SORTING: 2.04

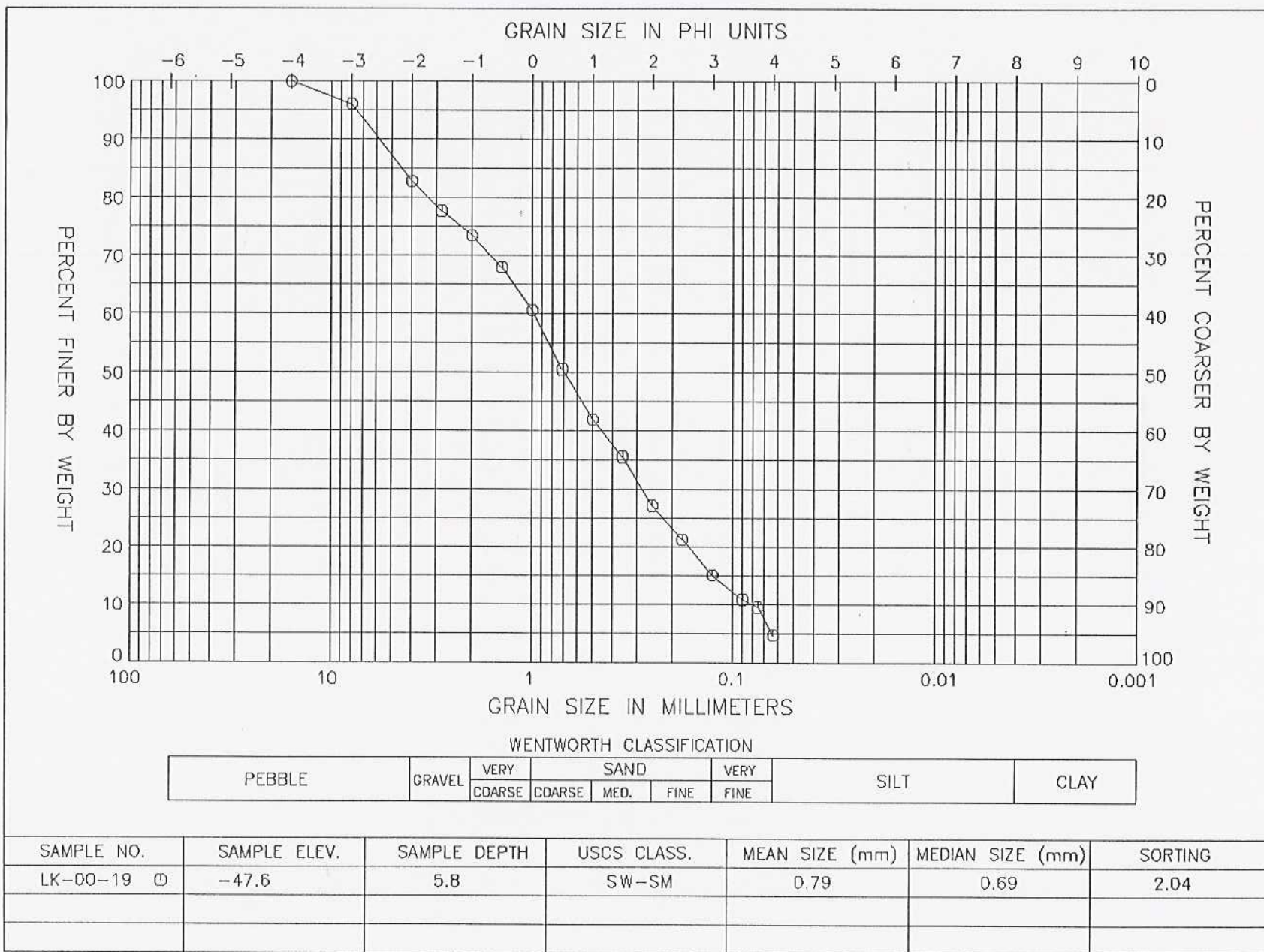
MEAN (mm): 0.79

DATA FILE NAME: LK-00-19 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

