

GRADATION ANALYSIS REPORT

LIDO KEY VC 2000

TESTED BY: ID ON: 8/00

SAMPLE NO.: LK-00-08

SAMPLE ELEV. (FT. NGVD): -43.8

SAMPLE DEPTH (FT.): 1.5

SAMPLE TYPE: CORE SAMPLE

USCS DESCRIPTION: SP-SM

DRY SAMPLE WEIGHT (GRAMS): 94.76

SAMPLE WEIGHT AFTER WASH (GRAMS): 79.40

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	0.26	0.27	99.73
10	-1.00	2.000	0.68	0.72	99.28
14	-0.50	1.400	1.11	1.17	98.83
18	0.00	1.000	1.59	1.68	98.32
25	0.50	0.710	2.55	2.69	97.31
35	1.00	0.500	4.11	4.34	95.66
45	1.50	0.355	6.01	6.34	93.66
60	2.00	0.250	8.62	9.10	90.90
80	2.50	0.180	12.67	13.37	86.63
120	3.00	0.125	31.96	33.73	66.27
170	3.50	0.090	69.86	73.72	26.28
200	3.75	0.075	76.63	80.87	19.13
230	4.00	0.063	86.55	91.34	8.66
PAN			94.75	99.99	0.01

PHI (5): 1.17

PHI (16): 2.56

PHI (25): 2.79

PHI (50): 3.20

PHI (75): 3.54

PHI (84): 3.82

PHI (95): 4.09

SIEVE LOSS(g): 0.01

SILT/CLAY: 19.13%

SKEWNESS: -0.916

KURTOSIS: 1.578

GRAPHIC METHOD

MEAN (PHI): 2.97

SORTING: 0.63

MEAN (mm): 0.13

MEDIAN (mm): 0.11

NOTE: MEAN WAS CALCULATED USING 5 POINT METHOD

MOMENT METHOD

MEAN (PHI): 2.95

SORTING: 0.87

MEAN (mm): 0.13

DATA FILE NAME: LK-00-08 S#1.TAB

GRADATION ANALYSIS REPORT

LIDO KEY VC 2000

TESTED BY: ID ON: 8/00

SAMPLE NO.: LK-00-08

SAMPLE ELEV. (FT. NGVD): -47.3

SAMPLE DEPTH (FT.): 5.0

SAMPLE TYPE: CORE SAMPLE

USCS DESCRIPTION: SP-SM

DRY SAMPLE WEIGHT (GRAMS): 95.49

SAMPLE WEIGHT AFTER WASH (GRAMS): 78.21

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	1.58	1.65	98.35
7	-1.50	2.800	2.40	2.51	97.49
10	-1.00	2.000	3.21	3.36	96.64
14	-0.50	1.400	4.20	4.40	95.60
18	0.00	1.000	5.21	5.46	94.54
25	0.50	0.710	6.69	7.01	92.99
35	1.00	0.500	8.75	9.16	90.84
45	1.50	0.355	11.08	11.60	88.40
60	2.00	0.250	15.65	16.39	83.61
80	2.50	0.180	21.48	22.49	77.51
120	3.00	0.125	38.88	40.72	59.28
170	3.50	0.090	62.64	65.60	34.40
200	3.75	0.075	74.48	78.00	22.00
230	4.00	0.063	86.29	90.37	9.63
PAN			95.48	99.99	0.01

PHI (5): -0.22

PHI (16): 1.96

PHI (25): 2.57

PHI (50): 3.19

PHI (75): 3.69

PHI (84): 3.87

PHI (95): 4.09

SIEVE LOSS(g): 0.01

SILT/CLAY: 22.00%

SKEWNESS: -1.305

KURTOSIS: 1.576

GRAPHIC METHOD

MEAN (PHI): 2.58

SORTING: 0.96

MEAN (mm): 0.17

MEDIAN (mm): 0.11

NOTE: MEAN WAS CALCULATED USING 5 POINT METHOD

MOMENT METHOD

MEAN (PHI): 2.69

SORTING: 1.33

MEAN (mm): 0.15

DATA FILE NAME: LK-00-08 S#2.TAB

GRADATION ANALYSIS REPORT

LIDO KEY VC 2000

TESTED BY: ID ON: 8/00

SAMPLE NO.: LK-00-08

SAMPLE ELEV. (FT. NGVD): -49.3

SAMPLE DEPTH (FT.): 7.0

SAMPLE TYPE: CORE SAMPLE

USCS DESCRIPTION: SP-SM

DRY SAMPLE WEIGHT (GRAMS): 94.58

SAMPLE WEIGHT AFTER WASH (GRAMS): 76.48

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	4.22	4.46	95.54
7	-1.50	2.800	6.66	7.04	92.96
10	-1.00	2.000	9.58	10.13	89.87
14	-0.50	1.400	12.74	13.47	86.53
18	0.00	1.000	16.33	17.27	82.73
25	0.50	0.710	20.35	21.52	78.48
35	1.00	0.500	24.86	26.28	73.72
45	1.50	0.355	28.71	30.36	69.64
60	2.00	0.250	32.94	34.83	65.17
80	2.50	0.180	37.27	39.41	60.59
120	3.00	0.125	46.22	48.87	51.13
170	3.50	0.090	65.75	69.52	30.48
200	3.75	0.075	74.32	78.58	21.42
230	4.00	0.063	85.07	89.95	10.05
PAN			94.57	99.99	0.01

PHI (5): -1.90

PHI (16): -0.17

PHI (25): 0.87

PHI (50): 3.03

PHI (75): 3.65

PHI (84): 3.87

PHI (95): 4.11

SIEVE LOSS (g): 0.01

SILT/CLAY: 21.42%

SKEWNESS: -0.951

KURTOSIS: 0.884

GRAPHIC METHOD

MEAN (PHI): 1.79

SORTING: 2.02

MEAN (mm): 0.29

MEDIAN (mm): 0.12

NOTE: MEAN WAS CALCULATED USING 5 POINT METHOD

MOMENT METHOD

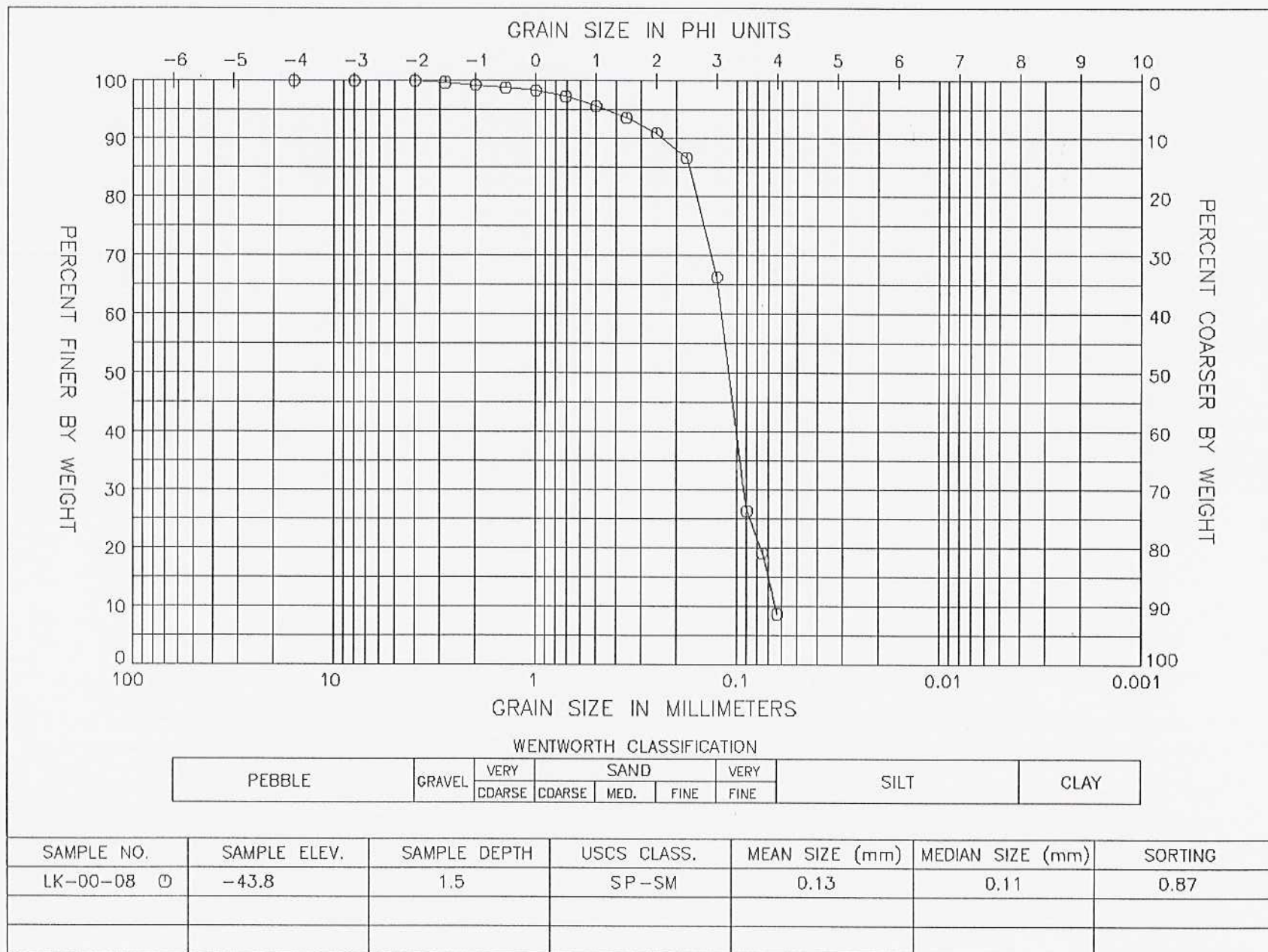
MEAN (PHI): 1.94

SORTING: 1.91

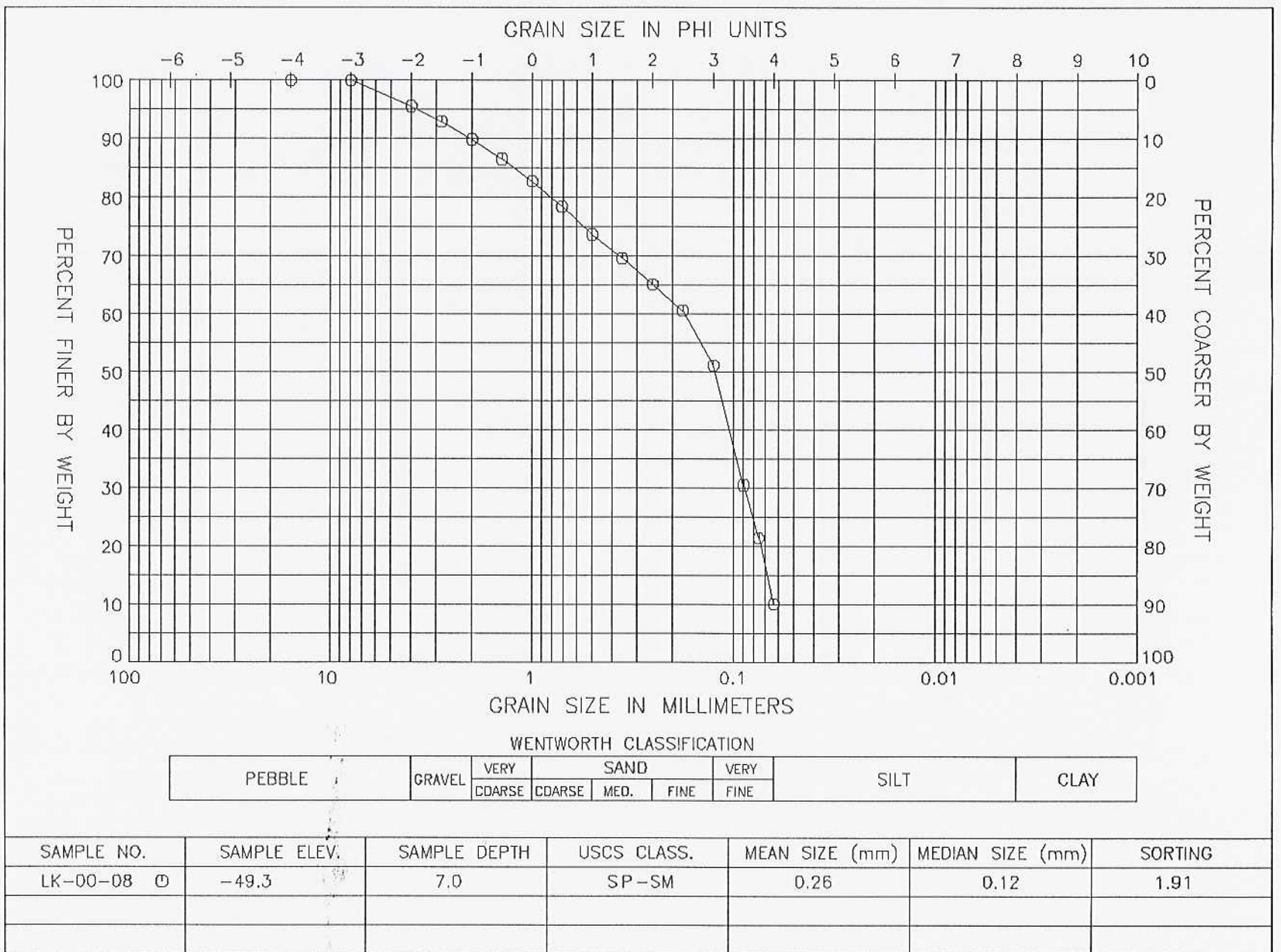
MEAN (mm): 0.26

DATA FILE NAME: LK-00-08 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

