

GRADATION ANALYSIS REPORT

LIDO KEY VC 2000

TESTED BY: ID ON: 8/00

SAMPLE NO.: LK-00-04

SAMPLE ELEV. (FT. NGVD): -34.0

SAMPLE DEPTH (FT.): 0.7

SAMPLE TYPE: CORE SAMPLE

USCS DESCRIPTION: SP

DRY SAMPLE WEIGHT (GRAMS): 68.82

SAMPLE WEIGHT AFTER WASH (GRAMS): 67.42

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	1.01	1.47	98.53
7	-1.50	2.800	2.30	3.34	96.66
10	-1.00	2.000	3.98	5.78	94.22
14	-0.50	1.400	6.87	9.98	90.02
18	0.00	1.000	11.25	16.35	83.65
25	0.50	0.710	20.88	30.34	69.66
35	1.00	0.500	32.45	47.15	52.85
45	1.50	0.355	42.24	61.38	38.62
60	2.00	0.250	53.07	77.11	22.89
80	2.50	0.180	60.83	88.39	11.61
120	3.00	0.125	65.34	94.94	5.06
170	3.50	0.090	67.05	97.43	2.57
200	3.75	0.075	67.27	97.75	2.25
230	4.00	0.063	68.04	98.87	1.13
PAN			68.82	100.00	0.00

PHI (5): -1.16

PHI (16): -0.03

PHI (25): 0.31

PHI (50): 1.10

PHI (75): 1.93

PHI (84): 2.31

PHI (95): 3.01

SIEVE LOSS(g): 0.00

SILT/CLAY: 2.25%

SKEWNESS: -0.150

KURTOSIS: 1.053

GRAPHIC METHOD

MEAN (PHI): 1.05

SORTING: 1.17

MEAN (mm): 0.48

MEDIAN (mm): 0.47

NOTE: MEAN WAS CALCULATED USING 5 POINT METHOD

MOMENT METHOD

MEAN (PHI): 1.05

SORTING: 1.22

MEAN (mm): 0.48

DATA FILE NAME: LK-00-04 S#1.TAB

GRADATION ANALYSIS REPORT

LIDO KEY VC 2000

TESTED BY: ID ON: 8/00

SAMPLE NO.: LK-00-04

SAMPLE ELEV. (FT. NGVD): -35.8

SAMPLE DEPTH (FT.): 2.5

SAMPLE TYPE: CORE SAMPLE

USCS DESCRIPTION: SP-SM

DRY SAMPLE WEIGHT (GRAMS): 95.50

SAMPLE WEIGHT AFTER WASH (GRAMS): 80.64

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	0.20	0.21	99.79
7	-1.50	2.800	0.48	0.50	99.50
10	-1.00	2.000	1.22	1.28	98.72
14	-0.50	1.400	2.17	2.27	97.73
18	0.00	1.000	3.26	3.41	96.59
25	0.50	0.710	4.67	4.89	95.11
35	1.00	0.500	6.42	6.72	93.28
45	1.50	0.355	8.23	8.62	91.38
60	2.00	0.250	15.74	16.48	83.52
80	2.50	0.180	18.74	19.62	80.38
120	3.00	0.125	38.87	40.70	59.30
170	3.50	0.090	71.61	74.98	25.02
200	3.75	0.075	79.09	82.82	17.18
230	4.00	0.063	87.76	91.90	8.10
PAN			95.48	99.98	0.02

PHI (5): 0.53

PHI (16): 1.97

PHI (25): 2.63

PHI (50): 3.14

PHI (75): 3.50

PHI (84): 3.78

PHI (95): 4.09

SIEVE LOSS (g): 0.02

SILT/CLAY: 17.18%

SKEWNESS: -0.913

KURTOSIS: 1.669

GRAPHIC METHOD

MEAN (PHI): 2.70

SORTING: 0.91

MEAN (mm): 0.15

MEDIAN (mm): 0.11

NOTE: MEAN WAS CALCULATED USING 5 POINT METHOD

MOMENT METHOD

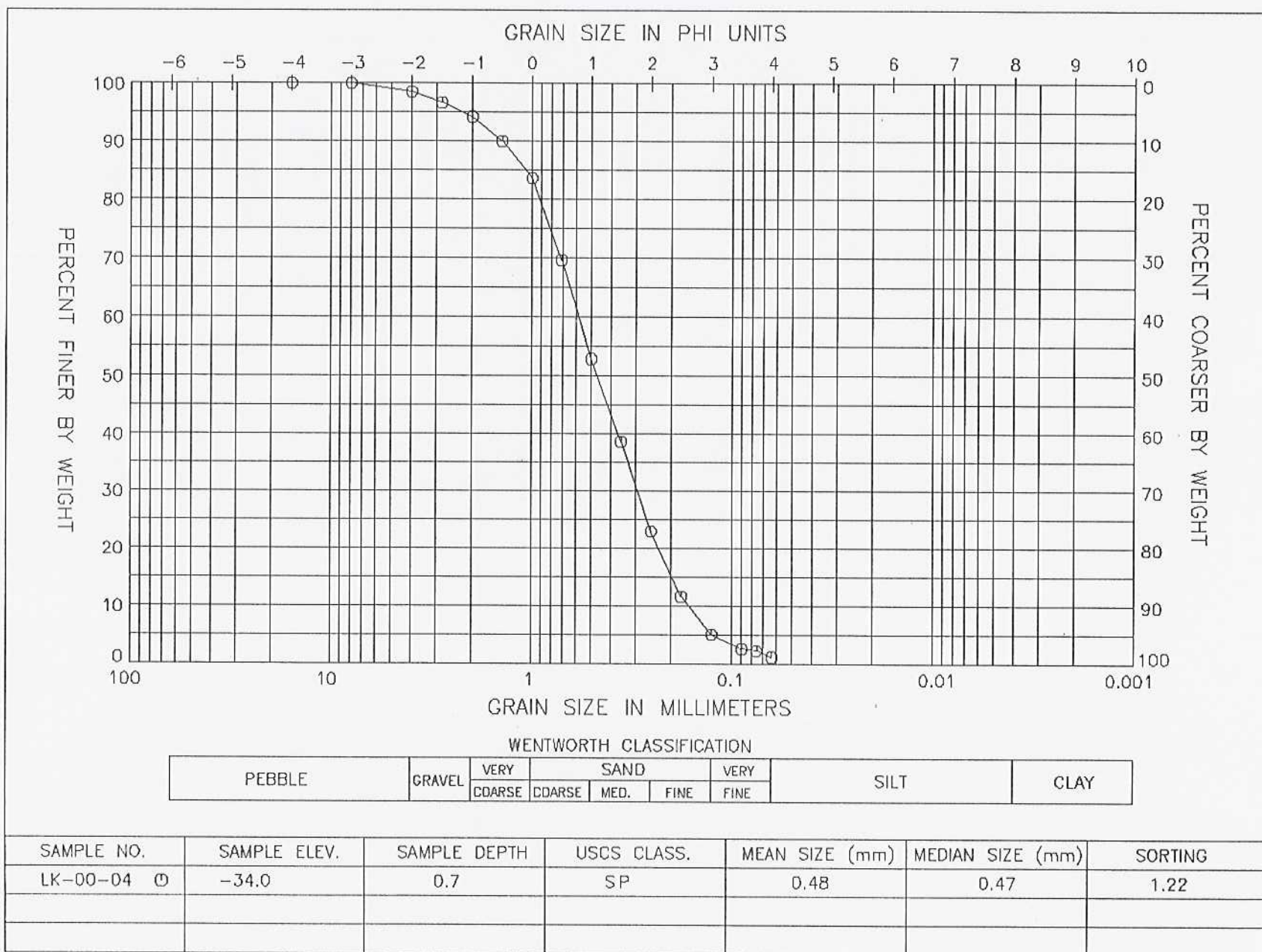
MEAN (PHI): 2.77

SORTING: 1.05

MEAN (mm): 0.15

DATA FILE NAME: LK-00-04 S#2.TAB

GRAIN SIZE DISTRIBUTION CURVE
LIDO KEY VC 2000



GRAIN SIZE DISTRIBUTION CURVE LIDO KEY VC 2000

