

GRADATION ANALYSIS REPORT

LIDO KEY VC 2000

TESTED BY: ID ON: 8/00

SAMPLE NO.: LK-00-06

SAMPLE ELEV. (FT. NGVD): -38.2

SAMPLE DEPTH (FT.): 1.5

SAMPLE TYPE: CORE SAMPLE

USCS DESCRIPTION: SP

DRY SAMPLE WEIGHT (GRAMS): 90.24

SAMPLE WEIGHT AFTER WASH (GRAMS): 88.67

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	1.11	1.23	98.77
7	-1.50	2.800	1.92	2.13	97.87
10	-1.00	2.000	4.15	4.60	95.40
14	-0.50	1.400	7.55	8.37	91.63
18	0.00	1.000	13.60	15.07	84.93
25	0.50	0.710	25.18	27.90	72.10
35	1.00	0.500	42.38	46.96	53.04
45	1.50	0.355	59.74	66.20	33.80
60	2.00	0.250	74.24	82.27	17.73
80	2.50	0.180	84.27	93.38	6.62
120	3.00	0.125	87.09	96.51	3.49
170	3.50	0.090	88.39	97.95	2.05
200	3.75	0.075	88.57	98.15	1.85
230	4.00	0.063	89.38	99.05	0.95
PAN			90.23	99.99	0.01

PHI (5): -0.95

PHI (16): 0.04

PHI (25): 0.39

PHI (50): 1.08

PHI (75): 1.77

PHI (84): 2.08

PHI (95): 2.76

SIEVE LOSS(g): 0.01

SILT/CLAY: 1.85%

SKEWNESS: -0.170

KURTOSIS: 1.095

GRAPHIC METHOD

MEAN (PHI): 1.00

SORTING: 1.02

MEAN (mm): 0.50

MEDIAN (mm): 0.47

NOTE: MEAN WAS CALCULATED USING 5 POINT METHOD

MOMENT METHOD

MEAN (PHI): 1.01

SORTING: 1.09

MEAN (mm): 0.50

DATA FILE NAME: LK-00-06 S#1.TAB

GRADATION ANALYSIS REPORT

LIDO KEY VC 2000

TESTED BY: ID ON: 8/00

SAMPLE NO.: LK-00-06
SAMPLE ELEV. (FT. NGVD): -40.2
SAMPLE DEPTH (FT.): 3.5
SAMPLE TYPE: CORE SAMPLE

USCS DESCRIPTION: SP-SM

DRY SAMPLE WEIGHT (GRAMS): 96.23
SAMPLE WEIGHT AFTER WASH (GRAMS): 83.51

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	0.18	99.82
7	-1.50	2.800	0.49	0.51	99.49
10	-1.00	2.000	1.12	1.16	98.84
14	-0.50	1.400	1.82	1.89	98.11
18	0.00	1.000	2.48	2.58	97.42
25	0.50	0.710	3.54	3.68	96.32
35	1.00	0.500	4.86	5.05	94.95
45	1.50	0.355	6.34	6.59	93.41
60	2.00	0.250	9.62	10.00	90.00
80	2.50	0.180	14.92	15.50	84.50
120	3.00	0.125	47.18	49.03	50.97
170	3.50	0.090	78.57	81.65	18.35
200	3.75	0.075	82.64	85.88	14.12
230	4.00	0.063	89.80	93.32	6.68
PAN			96.22	99.99	0.01

PHI (5): 0.98 PHI (16): 2.51 PHI (25): 2.64
PHI (50): 3.01 PHI (75): 3.40 PHI (84): 3.64
PHI (95): 4.06

SIEVE LOSS(g): 0.01 SILT/CLAY: 14.12%
SKEWNESS: -0.876 KURTOSIS: 1.666

GRAPHIC METHOD

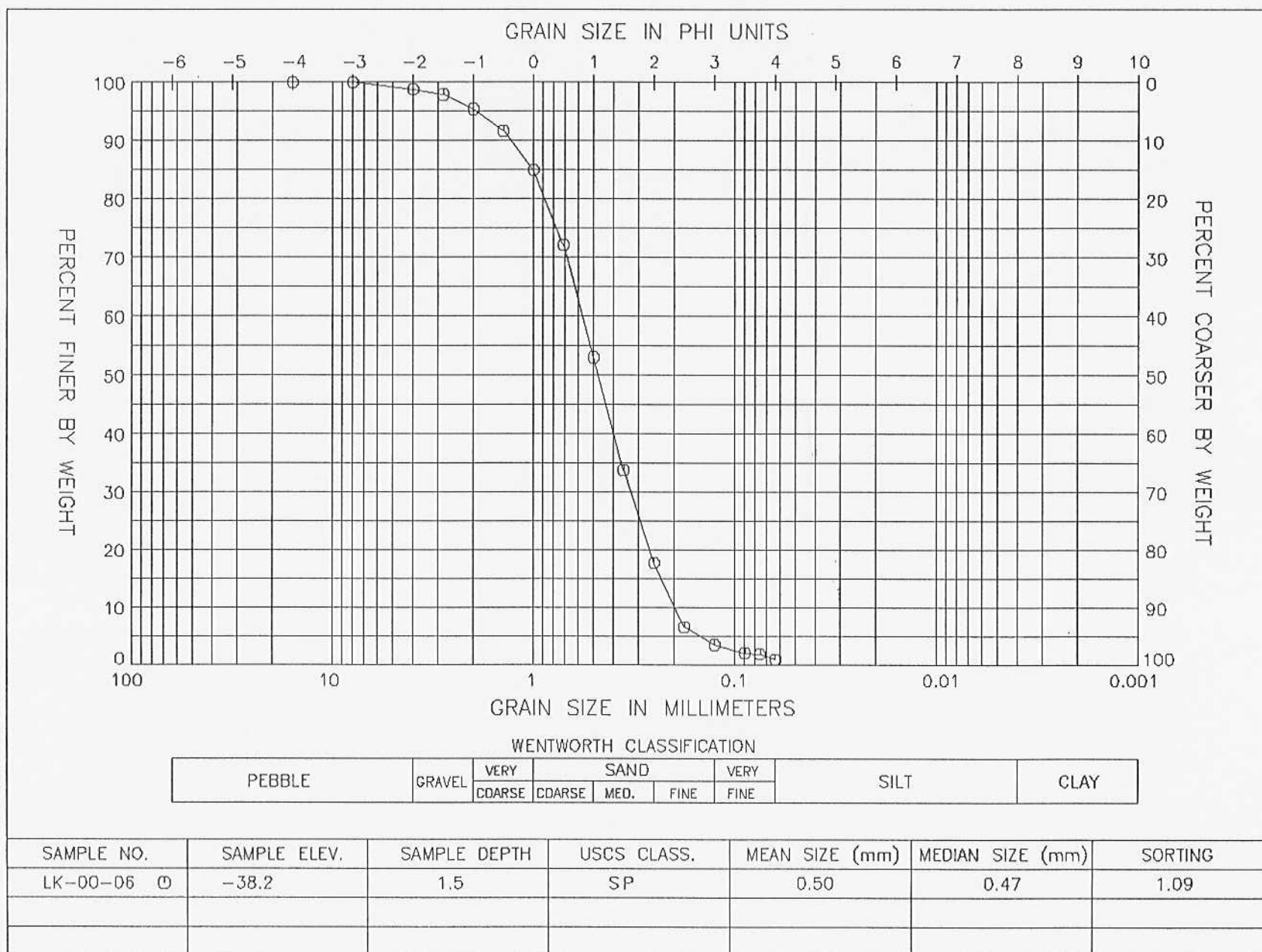
MEAN (PHI): 2.84 SORTING: 0.57
MEAN (mm): 0.14 MEDIAN (mm): 0.12
NOTE: MEAN WAS CALCULATED USING 5 POINT METHOD

MOMENT METHOD

MEAN (PHI): 2.80 SORTING: 0.92
MEAN (mm): 0.14

DATA FILE NAME: LK-00-06 S#2.TAB

GRAIN SIZE DISTRIBUTION CURVE
LIDO KEY VC 2000



GRAIN SIZE DISTRIBUTION CURVE LIDO KEY VC 2000

