

GRADATION ANALYSIS REPORT

LIDO KEY VC 2000

TESTED BY: ID ON: 8/00

SAMPLE NO.: LK-00-18
SAMPLE ELEV. (FT. NGVD): -43.5
SAMPLE DEPTH (FT.): 0.2
SAMPLE TYPE: CORE SAMPLE

USCS DESCRIPTION: SP

DRY SAMPLE WEIGHT (GRAMS): 100.34
SAMPLE WEIGHT AFTER WASH (GRAMS): 99.36

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	0.18	0.18	99.82
7	-1.50	2.800	0.76	0.76	99.24
10	-1.00	2.000	1.69	1.68	98.32
14	-0.50	1.400	3.10	3.09	96.91
18	0.00	1.000	6.37	6.35	93.65
25	0.50	0.710	9.07	9.04	90.96
35	1.00	0.500	13.58	13.53	86.47
45	1.50	0.355	21.53	21.46	78.54
60	2.00	0.250	46.69	46.53	53.47
80	2.50	0.180	79.04	78.77	21.23
120	3.00	0.125	96.44	96.11	3.89
170	3.50	0.090	98.84	98.51	1.49
200	3.75	0.075	99.26	98.92	1.08
230	4.00	0.063	99.83	99.49	0.51
PAN			100.34	100.00	0.00

PHI (5): -0.21 PHI (16): 1.16 PHI (25): 1.57
PHI (50): 2.05 PHI (75): 2.44 PHI (84): 2.65
PHI (95): 2.97

SIEVE LOSS (g): 0.00 SILT/CLAY: 1.08%
SKEWNESS: -0.901 KURTOSIS: 1.494

GRAPHIC METHOD

MEAN (PHI): 1.72 SORTING: 0.75
MEAN (mm): 0.30 MEDIAN (mm): 0.24
NOTE: MEAN WAS CALCULATED USING 5 POINT METHOD

MOMENT METHOD

MEAN (PHI): 1.86 SORTING: 0.93
MEAN (mm): 0.28

DATA FILE NAME: LK-00-18 S#1.TAB

GRADATION ANALYSIS REPORT
LIDO KEY VC 2000
TESTED BY: ID ON: 8/00

SAMPLE NO.: LK-00-18
SAMPLE ELEV. (FT. NGVD): -45.3
SAMPLE DEPTH (FT.): 2.0
SAMPLE TYPE: CORE SAMPLE

USCS DESCRIPTION: SP-SM

DRY SAMPLE WEIGHT (GRAMS): 98.70
SAMPLE WEIGHT AFTER WASH (GRAMS): 90.78

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	0.12	0.12	99.88
10	-1.00	2.000	0.44	0.45	99.55
14	-0.50	1.400	0.93	0.94	99.06
18	0.00	1.000	1.89	1.91	98.09
25	0.50	0.710	3.58	3.63	96.37
35	1.00	0.500	5.92	6.00	94.00
45	1.50	0.355	9.88	10.01	89.99
60	2.00	0.250	19.45	19.71	80.29
80	2.50	0.180	33.62	34.06	65.94
120	3.00	0.125	64.39	65.24	34.76
170	3.50	0.090	85.40	86.52	13.48
200	3.75	0.075	89.03	90.20	9.80
230	4.00	0.063	94.34	95.58	4.42
PAN			98.69	99.99	0.01

PHI (5): 0.79 PHI (16): 1.81 PHI (25): 2.18
PHI (50): 2.76 PHI (75): 3.23 PHI (84): 3.44
PHI (95): 3.97

SIEVE LOSS (g): 0.01 SILT/CLAY: 9.80%
SKEWNESS: -0.459 KURTOSIS: 1.249

GRAPHIC METHOD

MEAN (PHI): 2.55 SORTING: 0.82
MEAN (mm): 0.17 MEDIAN (mm): 0.15
NOTE: MEAN WAS CALCULATED USING 5 POINT METHOD

MOMENT METHOD

MEAN (PHI): 2.56 SORTING: 0.89
MEAN (mm): 0.17

DATA FILE NAME: LK-00-18 S#2.TAB

GRADATION ANALYSIS REPORT
LIDO KEY VC 2000
TESTED BY: ID ON: 8/00

SAMPLE NO.: LK-00-18
SAMPLE ELEV. (FT. NGVD): -46.6
SAMPLE DEPTH (FT.): 3.3
SAMPLE TYPE: CORE SAMPLE

USCS DESCRIPTION: SP-SM

DRY SAMPLE WEIGHT (GRAMS): 88.16
SAMPLE WEIGHT AFTER WASH (GRAMS): 83.25

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	3.55	4.03	95.97
7	-1.50	2.800	4.82	5.47	94.53
10	-1.00	2.000	7.25	8.22	91.78
14	-0.50	1.400	12.18	13.82	86.18
18	0.00	1.000	20.12	22.82	77.18
25	0.50	0.710	32.83	37.24	62.76
35	1.00	0.500	46.14	52.34	47.66
45	1.50	0.355	58.29	66.12	33.88
60	2.00	0.250	71.29	80.86	19.14
80	2.50	0.180	77.03	87.38	12.62
120	3.00	0.125	79.18	89.81	10.19
170	3.50	0.090	81.88	92.88	7.12
200	3.75	0.075	82.80	93.92	6.08
230	4.00	0.063	85.58	97.07	2.93
PAN			88.14	99.98	0.02

PHI (5): -1.66 PHI (16): -0.38 PHI (25): 0.08
PHI (50): 0.92 PHI (75): 1.80 PHI (84): 2.24
PHI (95): 3.84

SIEVE LOSS (g): 0.02 SILT/CLAY: 6.08%
SKEWNESS: 0.125 KURTOSIS: 1.306

GRAPHIC METHOD

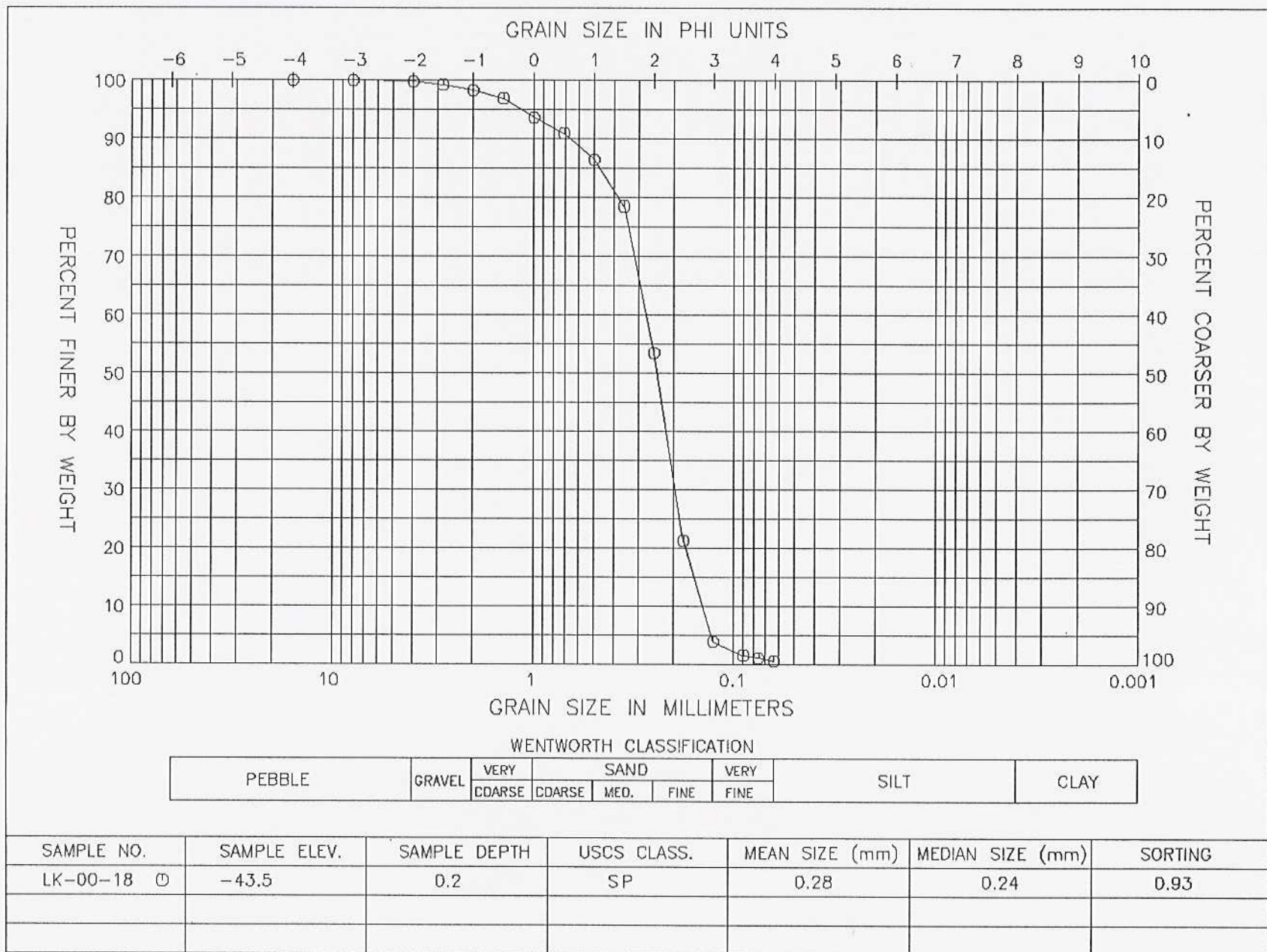
MEAN (PHI): 0.99 SORTING: 1.31
MEAN (mm): 0.50 MEDIAN (mm): 0.53
NOTE: MEAN WAS CALCULATED USING 5 POINT METHOD

MOMENT METHOD

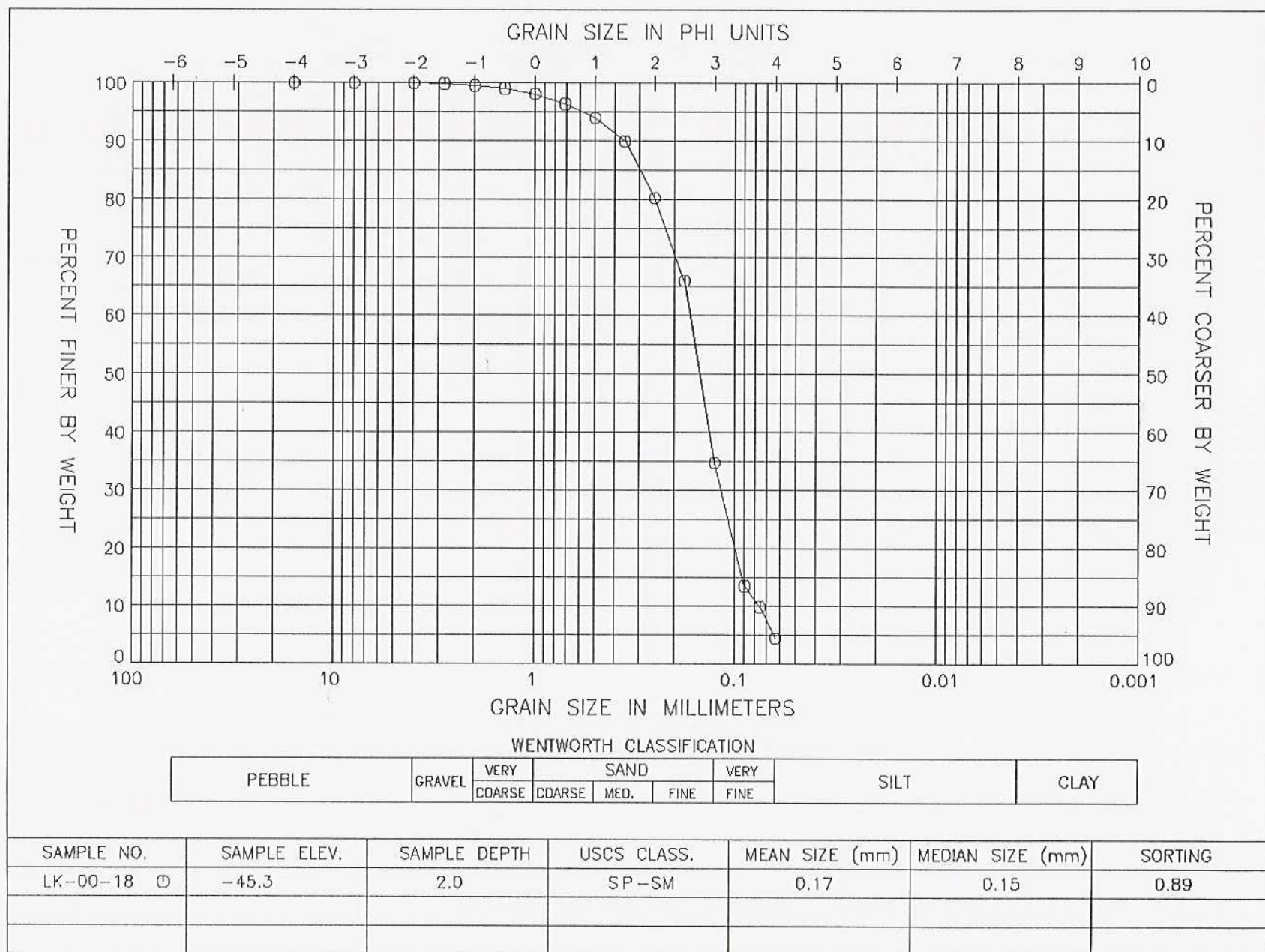
MEAN (PHI): 0.85 SORTING: 1.39
MEAN (mm): 0.55

DATA FILE NAME: LK-00-18 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

