

GRADATION ANALYSIS REPORT

LIDO KEY VC 2000

TESTED BY: ID ON: 8/00

SAMPLE NO.: LK-00-10

SAMPLE ELEV. (FT. NGVD): -40.6

SAMPLE DEPTH (FT.): 2.0

SAMPLE TYPE: CORE SAMPLE

USCS DESCRIPTION: SP

DRY SAMPLE WEIGHT (GRAMS): 99.11

SAMPLE WEIGHT AFTER WASH (GRAMS): 97.62

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	0.24	0.24	99.76
10	-1.00	2.000	0.72	0.73	99.27
14	-0.50	1.400	1.69	1.71	98.29
18	0.00	1.000	3.80	3.83	96.17
25	0.50	0.710	8.93	9.01	90.99
35	1.00	0.500	20.13	20.31	79.69
45	1.50	0.355	36.90	37.23	62.77
60	2.00	0.250	66.35	66.95	33.05
80	2.50	0.180	88.98	89.78	10.22
120	3.00	0.125	96.21	97.07	2.93
170	3.50	0.090	97.47	98.35	1.65
200	3.75	0.075	97.61	98.49	1.51
230	4.00	0.063	98.37	99.25	0.75
PAN			99.11	100.00	0.00

PHI (5): 0.11	PHI (16): 0.81	PHI (25): 1.14
PHI (50): 1.71	PHI (75): 2.18	PHI (84): 2.37
PHI (95): 2.86		

SIEVE LOSS(g): 0.00	SILT/CLAY: 1.51%
SKEWNESS: -0.294	KURTOSIS: 1.084

GRAPHIC METHOD

MEAN (PHI): 1.57	SORTING: 0.78
MEAN (mm): 0.34	MEDIAN (mm): 0.30

NOTE: MEAN WAS CALCULATED USING 5 POINT METHOD

MOMENT METHOD

MEAN (PHI): 1.61	SORTING: 0.82
MEAN (mm): 0.33	

DATA FILE NAME: LK-00-10 S#1.TAB

GRADATION ANALYSIS REPORT

LIDO KEY VC 2000

TESTED BY: ID ON: 8/00

SAMPLE NO.: LK-00-10

SAMPLE ELEV. (FT. NGVD): -48.1

SAMPLE DEPTH (FT.): 9.5

SAMPLE TYPE: CORE SAMPLE

USCS DESCRIPTION: SP-SM

DRY SAMPLE WEIGHT (GRAMS): 87.10

SAMPLE WEIGHT AFTER WASH (GRAMS): 66.50

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	1.16	1.33	98.67
7	-1.50	2.800	2.63	3.02	96.98
10	-1.00	2.000	4.55	5.22	94.78
14	-0.50	1.400	7.33	8.42	91.58
18	0.00	1.000	11.22	12.88	87.12
25	0.50	0.710	18.51	21.25	78.75
35	1.00	0.500	26.88	30.86	69.14
45	1.50	0.355	34.43	39.53	60.47
60	2.00	0.250	45.56	52.31	47.69
80	2.50	0.180	53.14	61.01	38.99
120	3.00	0.125	59.21	67.98	32.02
170	3.50	0.090	63.20	72.56	27.44
200	3.75	0.075	65.15	74.80	25.20
230	4.00	0.063	76.18	87.46	12.54
PAN			87.08	99.98	0.02

PHI (5): -1.05

PHI (16): 0.19

PHI (25): 0.70

PHI (50): 1.91

PHI (75): 3.75

PHI (84): 3.93

PHI (95): 4.15

SIEVE LOSS (g): 0.02

SILT/CLAY: 25.20%

SKEWNESS: -0.193

KURTOSIS: 0.697

GRAPHIC METHOD

MEAN (PHI): 1.83

SORTING: 1.87

MEAN (mm): 0.28

MEDIAN (mm): 0.27

NOTE: MEAN WAS CALCULATED USING 5 POINT METHOD

MOMENT METHOD

MEAN (PHI): 1.61

SORTING: 1.57

MEAN (mm): 0.33

DATA FILE NAME: LK-00-10 S#4.TAB

GRADATION ANALYSIS REPORT

LIDO KEY VC 2000

TESTED BY: ID ON: 8/00

SAMPLE NO.: LK-00-10

SAMPLE ELEV. (FT. NGVD): -44.0

SAMPLE DEPTH (FT.): 5.4

SAMPLE TYPE: CORE SAMPLE

USCS DESCRIPTION: SP

DRY SAMPLE WEIGHT (GRAMS): 98.35

SAMPLE WEIGHT AFTER WASH (GRAMS): 96.00

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	0.83	0.84	99.16
7	-1.50	2.800	1.27	1.29	98.71
10	-1.00	2.000	2.51	2.55	97.45
14	-0.50	1.400	4.56	4.64	95.36
18	0.00	1.000	7.91	8.04	91.96
25	0.50	0.710	14.66	14.91	85.09
35	1.00	0.500	25.72	26.15	73.85
45	1.50	0.355	38.92	39.57	60.43
60	2.00	0.250	60.70	61.72	38.28
80	2.50	0.180	81.81	83.18	16.82
120	3.00	0.125	92.82	94.38	5.62
170	3.50	0.090	95.47	97.07	2.93
200	3.75	0.075	95.84	97.45	2.55
230	4.00	0.063	97.13	98.76	1.24
PAN			98.34	99.99	0.01

PHI (5): -0.45

PHI (16): 0.55

PHI (25): 0.95

PHI (50): 1.74

PHI (75): 2.31

PHI (84): 2.54

PHI (95): 3.12

SIEVE LOSS (g): 0.01

SILT/CLAY: 2.55%

SKEWNESS: -0.403

KURTOSIS: 1.073

GRAPHIC METHOD

MEAN (PHI): 1.50

SORTING: 0.99

MEAN (mm): 0.35

MEDIAN (mm): 0.30

NOTE: MEAN WAS CALCULATED USING 5 POINT METHOD

MOMENT METHOD

MEAN (PHI): 1.55

SORTING: 1.08

MEAN (mm): 0.34

DATA FILE NAME: LK-00-10 S#2.TAB

GRADATION ANALYSIS REPORT

LIDO KEY VC 2000

TESTED BY: ID ON: 8/00

SAMPLE NO.: LK-00-10

SAMPLE ELEV. (FT. NGVD): -45.3

SAMPLE DEPTH (FT.): 6.7

SAMPLE TYPE: CORE SAMPLE

USCS DESCRIPTION: SP-SM

DRY SAMPLE WEIGHT (GRAMS): 99.05

SAMPLE WEIGHT AFTER WASH (GRAMS): 92.85

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	0.34	0.34	99.66
7	-1.50	2.800	1.01	1.02	98.98
10	-1.00	2.000	1.92	1.94	98.06
14	-0.50	1.400	3.39	3.42	96.58
18	0.00	1.000	5.92	5.98	94.02
25	0.50	0.710	10.17	10.27	89.73
35	1.00	0.500	16.46	16.62	83.38
45	1.50	0.355	23.82	24.05	75.95
60	2.00	0.250	37.53	37.89	62.11
80	2.50	0.180	56.72	57.26	42.74
120	3.00	0.125	80.13	80.90	19.10
170	3.50	0.090	90.33	91.20	8.80
200	3.75	0.075	92.42	93.31	6.69
230	4.00	0.063	95.88	96.80	3.20
PAN			99.05	100.00	0.00

PHI (5): -0.19

PHI (16): 0.95

PHI (25): 1.53

PHI (50): 2.31

PHI (75): 2.88

PHI (84): 3.15

PHI (95): 3.87

SIEVE LOSS(g): 0.00

SILT/CLAY: 6.69%

SKEWNESS: -0.430

KURTOSIS: 1.242

GRAPHIC METHOD

MEAN (PHI): 2.02

SORTING: 1.10

MEAN (mm): 0.25

MEDIAN (mm): 0.20

NOTE: MEAN WAS CALCULATED USING 5 POINT METHOD

MOMENT METHOD

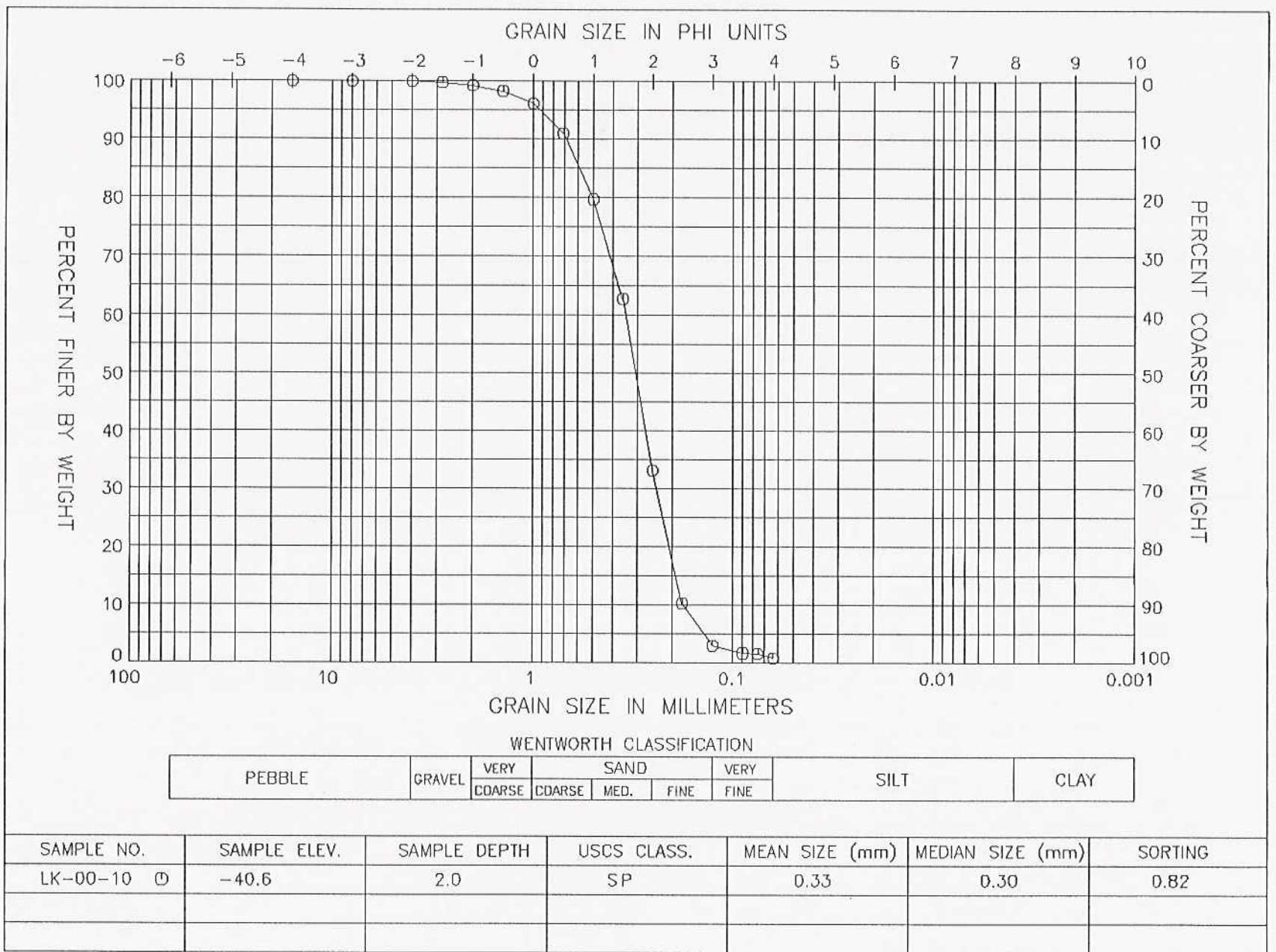
MEAN (PHI): 2.04

SORTING: 1.14

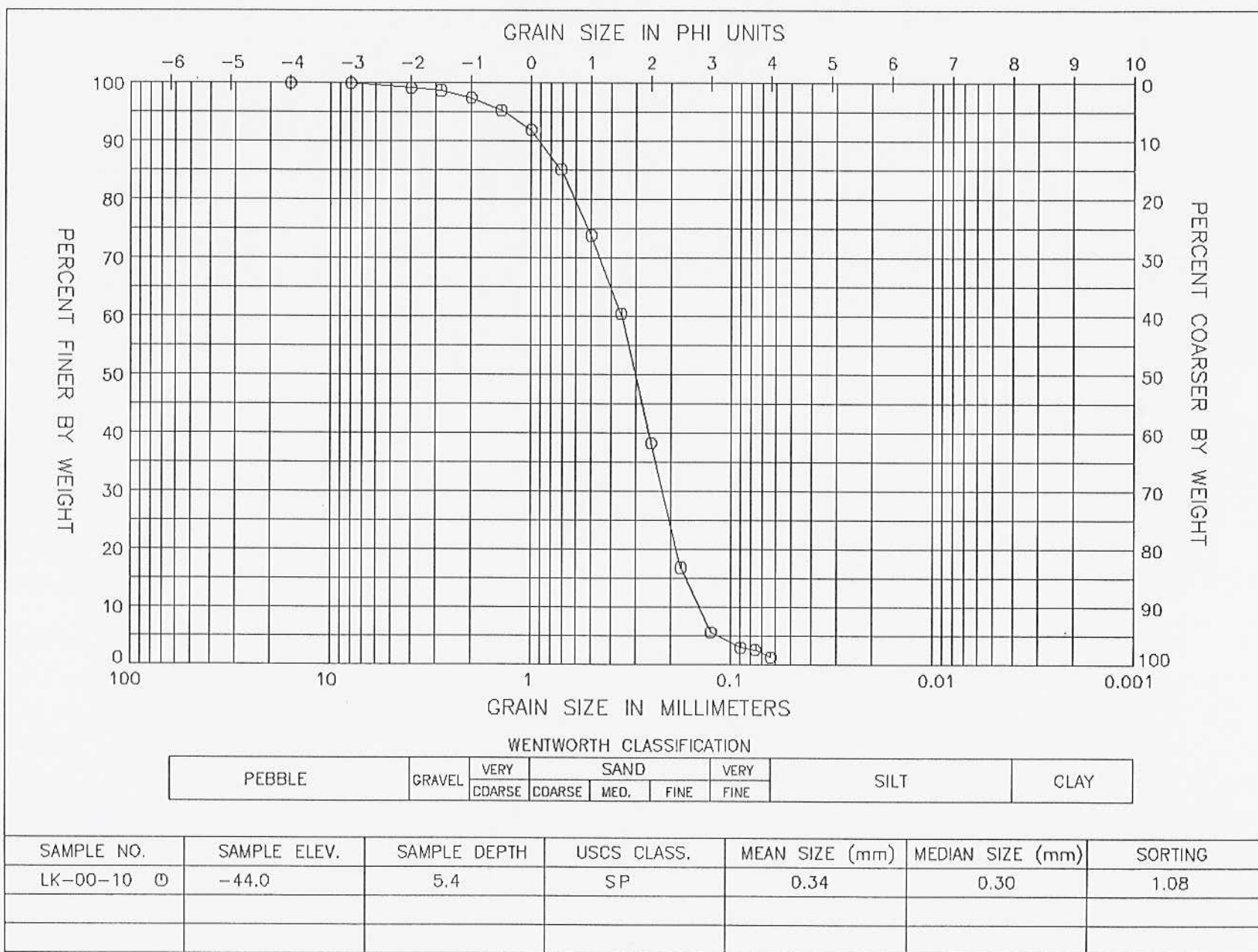
MEAN (mm): 0.24

DATA FILE NAME: LK-00-10 S#3.TAB

GRAIN SIZE DISTRIBUTION CURVE
LIDO KEY VC 2000

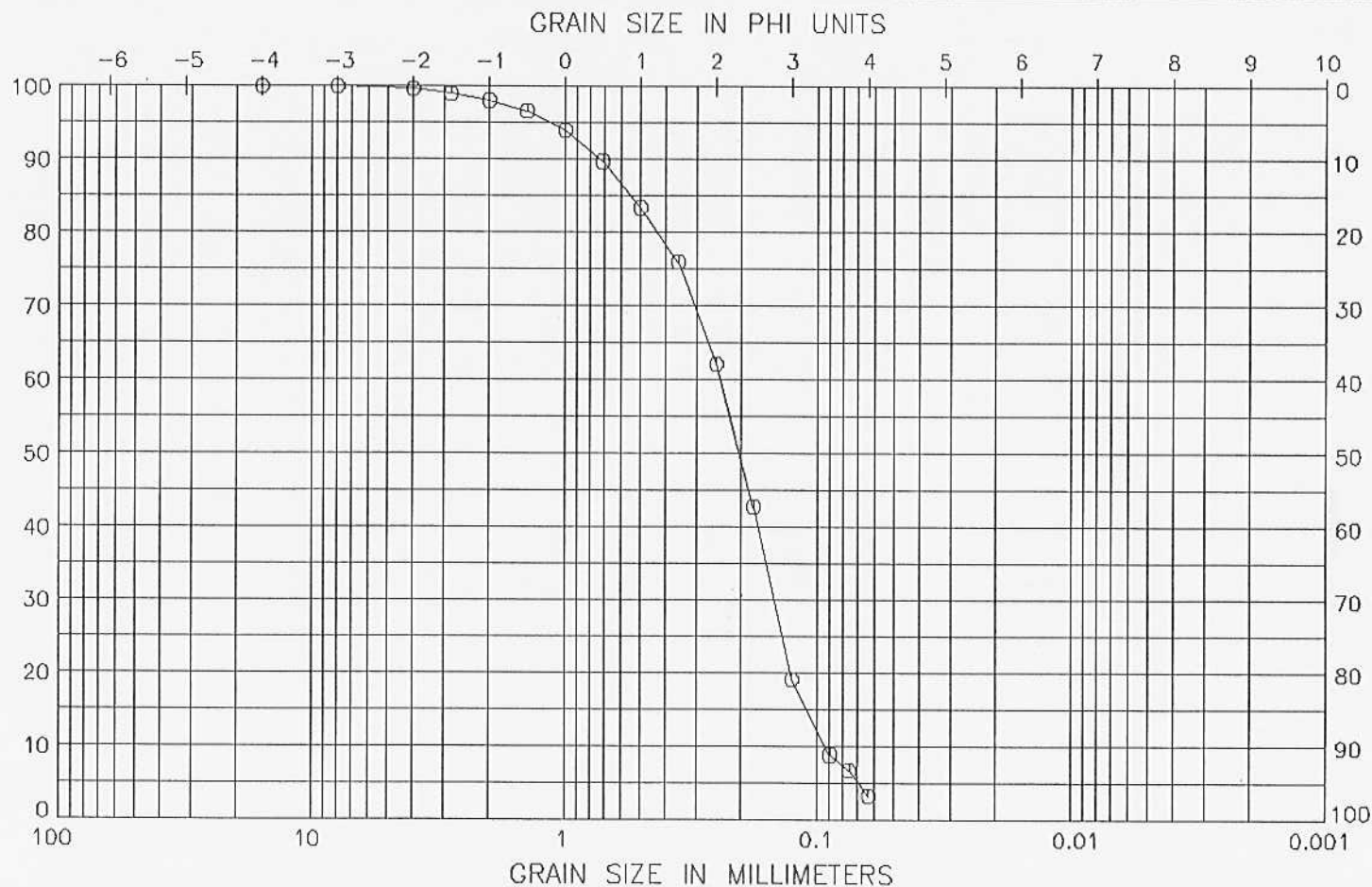


GRAIN SIZE DISTRIBUTION CURVE LIDO KEY VC 2000



PERCENT COARSER BY WEIGHT

PERCENT FINER BY WEIGHT



WENTWORTH CLASSIFICATION

PEBBLE	GRAVEL	VERY	SAND			VERY	SILT	CLAY
		COARSE	COARSE	MED.	FINE	FINE		

SAMPLE NO.	SAMPLE ELEV.	SAMPLE DEPTH	USCS CLASS.	MEAN SIZE (mm)	MEDIAN SIZE (mm)	SORTING
LK-00-10 Ø	-45.3	6.7	SP-SM	0.24	0.20	1.14

GRAIN SIZE DISTRIBUTION CURVE
LIDO KEY VC 2000

GRAIN SIZE DISTRIBUTION CURVE
LIDO KEY VC 2000

