

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

SAMPLE NO.: LK-00-22
SAMPLE ELEV. (FT. NGVD): -36.1
SAMPLE DEPTH (FT.): 2.0
SAMPLE TYPE: CORE SAMPLE

USCS DESCRIPTION: SP

DRY SAMPLE WEIGHT (GRAMS): 100.13
SAMPLE WEIGHT AFTER WASH (GRAMS): 98.13

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	0.29	0.29	99.71
10	-1.00	2.000	1.07	1.07	98.93
14	-0.50	1.400	2.33	2.33	97.67
18	0.00	1.000	4.52	4.51	95.49
25	0.50	0.710	10.69	10.68	89.32
35	1.00	0.500	26.69	26.66	73.34
45	1.50	0.355	48.08	48.02	51.98
60	2.00	0.250	71.97	71.88	28.12
80	2.50	0.180	87.91	87.80	12.20
120	3.00	0.125	95.26	95.14	4.86
170	3.50	0.090	97.73	97.60	2.40
200	3.75	0.075	97.99	97.86	2.14
230	4.00	0.063	99.08	98.95	1.05
PAN			100.12	99.99	0.01

PHI (5): 0.04 PHI (16): 0.67 PHI (25): 0.95
PHI (50): 1.54 PHI (75): 2.10 PHI (84): 2.38
PHI (95): 2.99

SIEVE LOSS (g): 0.01 SILT/CLAY: 2.14%
SKEWNESS: -0.031 KURTOSIS: 1.052

GRAPHIC METHOD

MEAN (PHI): 1.52 SORTING: 0.86
MEAN (mm): 0.35 MEDIAN (mm): 0.34
NOTE: MEAN WAS CALCULATED USING 5 POINT METHOD

MOMENT METHOD

MEAN (PHI): 1.50 SORTING: 0.89
MEAN (mm): 0.35

DATA FILE NAME: LK-00-22 S#1.TAB

GRADATION ANALYSIS REPORT

LIDO KEY VC 2000

TESTED BY: ID ON: 8/00

SAMPLE NO.: LK-00-22

SAMPLE ELEV. (FT. NGVD): -38.0

SAMPLE DEPTH (FT.): 3.9

SAMPLE TYPE: CORE SAMPLE

USCS DESCRIPTION: SP-SM

DRY SAMPLE WEIGHT (GRAMS): 88.69

SAMPLE WEIGHT AFTER WASH (GRAMS): 84.87

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	0.28	0.32	99.68
7	-1.50	2.800	0.45	0.51	99.49
10	-1.00	2.000	0.89	1.00	99.00
14	-0.50	1.400	1.38	1.56	98.44
18	0.00	1.000	1.99	2.24	97.76
25	0.50	0.710	3.01	3.39	96.61
35	1.00	0.500	5.52	6.22	93.78
45	1.50	0.355	10.41	11.74	88.26
60	2.00	0.250	19.12	21.56	78.44
80	2.50	0.180	31.14	35.11	64.89
120	3.00	0.125	58.44	65.89	34.11
170	3.50	0.090	79.70	89.86	10.14
200	3.75	0.075	83.48	94.13	5.87
230	4.00	0.063	86.40	97.42	2.58
PAN			88.68	99.99	0.01

PHI (5): 0.78

PHI (16): 1.72

PHI (25): 2.13

PHI (50): 2.74

PHI (75): 3.19

PHI (84): 3.38

PHI (95): 3.82

SIEVE LOSS (g): 0.01

SILT/CLAY: 5.87%

SKEWNESS: -0.532

KURTOSIS: 1.169

GRAPHIC METHOD

MEAN (PHI): 2.49

SORTING: 0.83

MEAN (mm): 0.18

MEDIAN (mm): 0.15

NOTE: MEAN WAS CALCULATED USING 5 POINT METHOD

MOMENT METHOD

MEAN (PHI): 2.52

SORTING: 0.94

MEAN (mm): 0.17

DATA FILE NAME: LK-00-22 S#2.TAB

GRADATION ANALYSIS REPORT

LIDO KEY VC 2000

TESTED BY: ID ON: 8/00

SAMPLE NO.: LK-00-22
SAMPLE ELEV. (FT. NGVD): -39.6
SAMPLE DEPTH (FT.): 5.5
SAMPLE TYPE: CORE SAMPLE

USCS DESCRIPTION: SP-SM

DRY SAMPLE WEIGHT (GRAMS): 99.37
SAMPLE WEIGHT AFTER WASH (GRAMS): 88.43

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	0.13	0.13	99.87
7	-1.50	2.800	0.38	0.38	99.62
10	-1.00	2.000	0.71	0.71	99.29
14	-0.50	1.400	1.22	1.23	98.77
18	0.00	1.000	1.54	1.55	98.45
25	0.50	0.710	2.06	2.07	97.93
35	1.00	0.500	2.66	2.68	97.32
45	1.50	0.355	3.44	3.46	96.54
60	2.00	0.250	5.60	5.64	94.36
80	2.50	0.180	9.62	9.68	90.32
120	3.00	0.125	26.13	26.30	73.70
170	3.50	0.090	63.20	63.60	36.40
200	3.75	0.075	79.53	80.03	19.97
230	4.00	0.063	91.80	92.38	7.62
PAN			99.36	99.99	0.01

PHI (5): 1.85 PHI (16): 2.69 PHI (25): 2.96
PHI (50): 3.32 PHI (75): 3.67 PHI (84): 3.83
PHI (95): 4.05

SIEVE LOSS (g): 0.01 SILT/CLAY: 19.97%
SKEWNESS: -0.639 KURTOSIS: 1.265

GRAPHIC METHOD

MEAN (PHI): 3.15 SORTING: 0.57
MEAN (mm): 0.11 MEDIAN (mm): 0.10
NOTE: MEAN WAS CALCULATED USING 5 POINT METHOD

MOMENT METHOD

MEAN (PHI): 3.11 SORTING: 0.80
MEAN (mm): 0.12

DATA FILE NAME: LK-00-22 S#3.TAB

GRADATION ANALYSIS REPORT

LIDO KEY VC 2000

TESTED BY: ID ON: 8/00

SAMPLE NO.: LK-00-22

SAMPLE ELEV. (FT. NGVD): -43.1

SAMPLE DEPTH (FT.): 9.0

SAMPLE TYPE: CORE SAMPLE

USCS DESCRIPTION: SP-SM

DRY SAMPLE WEIGHT (GRAMS): 98.95

SAMPLE WEIGHT AFTER WASH (GRAMS): 85.87

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	0.24	0.24	99.76
7	-1.50	2.800	0.64	0.65	99.35
10	-1.00	2.000	1.21	1.22	98.78
14	-0.50	1.400	1.90	1.92	98.08
18	0.00	1.000	2.88	2.91	97.09
25	0.50	0.710	4.38	4.43	95.57
35	1.00	0.500	6.13	6.20	93.80
45	1.50	0.355	7.86	7.94	92.06
60	2.00	0.250	11.89	12.02	87.98
80	2.50	0.180	20.57	20.79	79.21
120	3.00	0.125	42.35	42.80	57.20
170	3.50	0.090	71.63	72.39	27.61
200	3.75	0.075	81.23	82.09	17.91
230	4.00	0.063	90.94	91.91	8.09
PAN			98.95	100.00	0.00

PHI (5): 0.66

PHI (16): 2.23

PHI (25): 2.60

PHI (50): 3.12

PHI (75): 3.57

PHI (84): 3.80

PHI (95): 4.08

SIEVE LOSS (g): 0.00

SILT/CLAY: 17.91%

SKEWNESS: -0.956

KURTOSIS: 1.441

GRAPHIC METHOD

MEAN (PHI): 2.78

SORTING: 0.79

MEAN (mm): 0.15

MEDIAN (mm): 0.11

NOTE: MEAN WAS CALCULATED USING 5 POINT METHOD

MOMENT METHOD

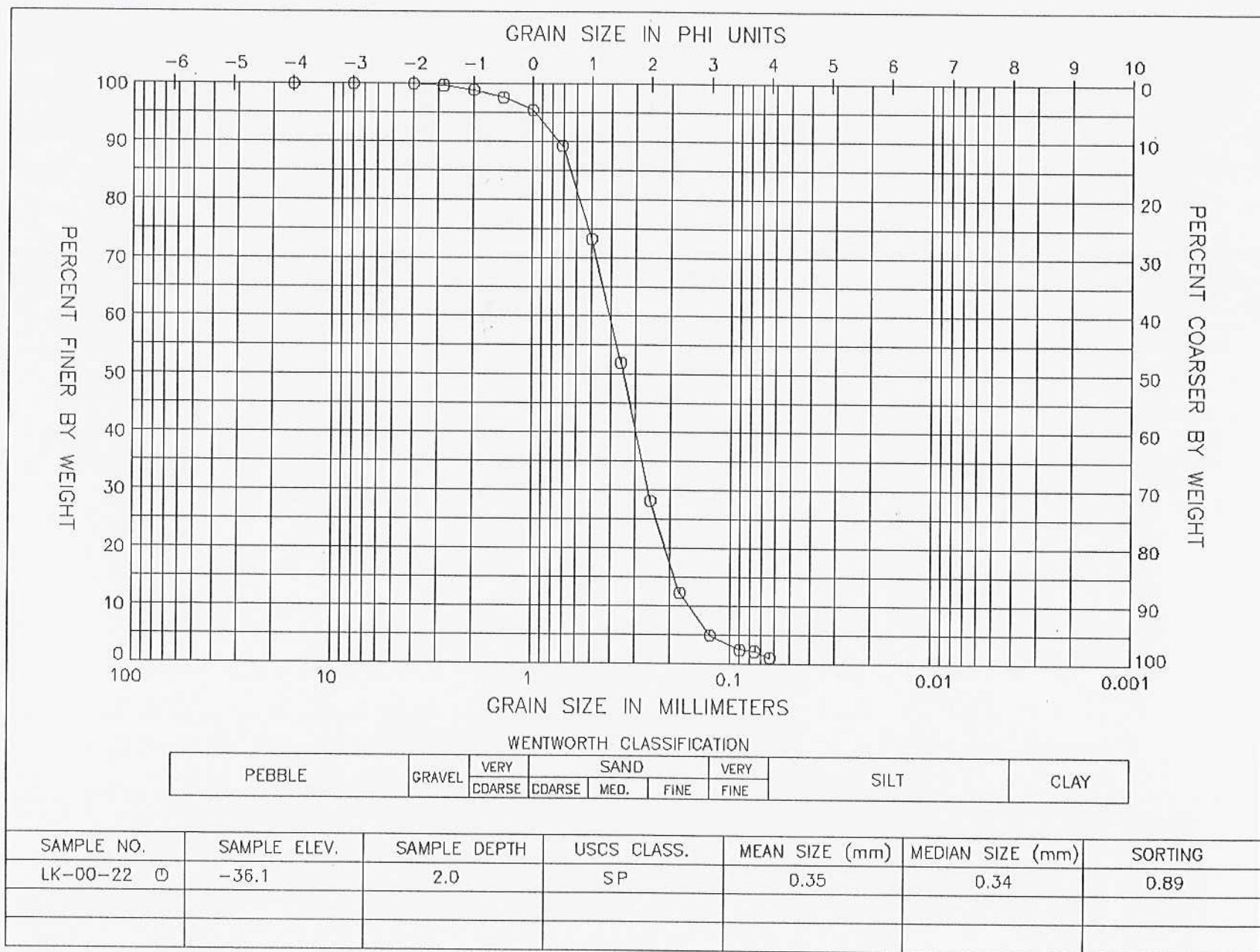
MEAN (PHI): 2.81

SORTING: 1.02

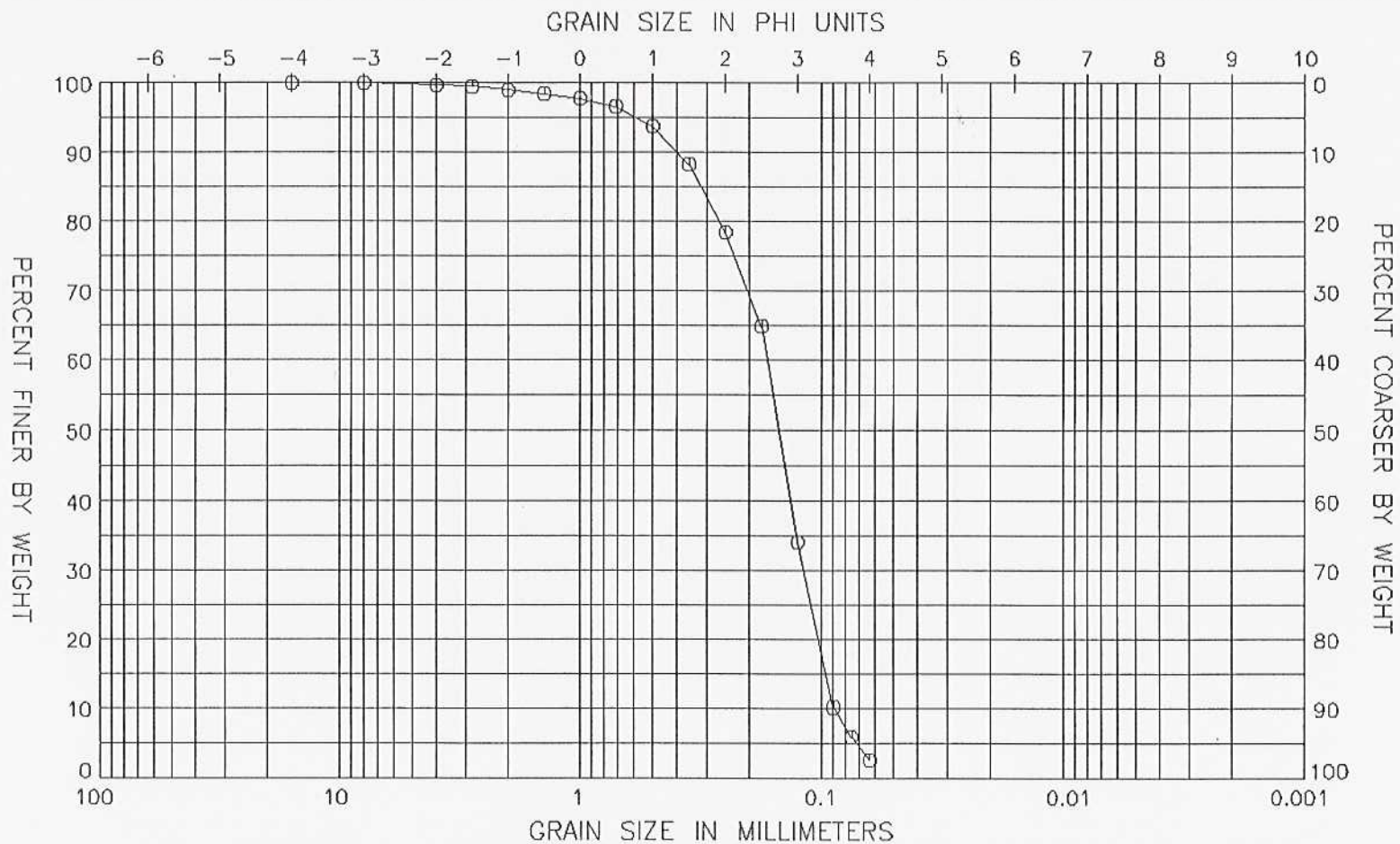
MEAN (mm): 0.14

DATA FILE NAME: LK-00-22 S#4.TAB

GRAIN SIZE DISTRIBUTION CURVE LIDO KEY VC 2000



GRAIN SIZE DISTRIBUTION CURVE LIDO KEY VC 2000

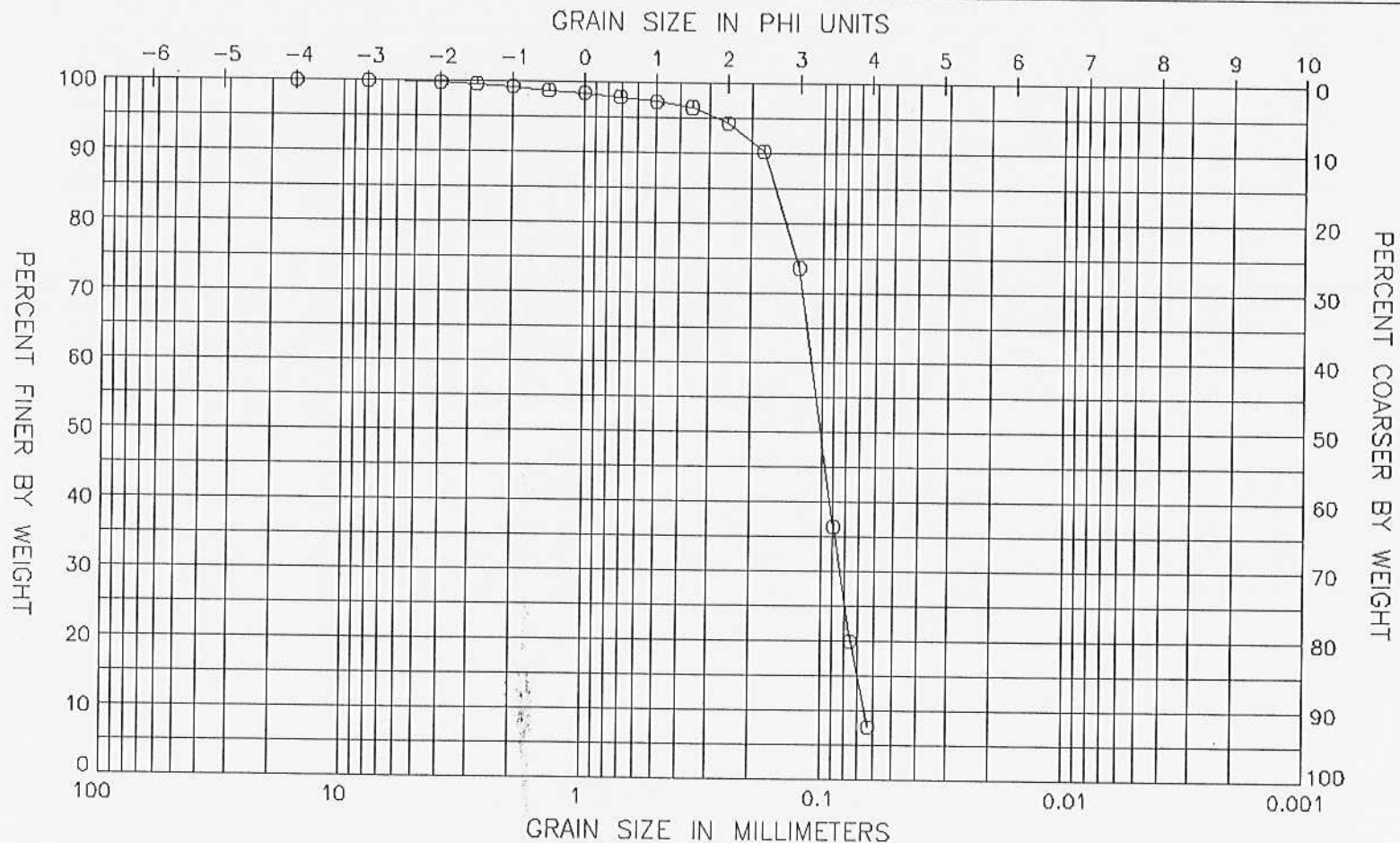


WENTWORTH CLASSIFICATION

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-00-22 ☉	-38.0	3.9	SP-SM	0.17	0.15	0.94

GRAIN SIZE DISTRIBUTION CURVE
LIDO KEY VC 2000



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-00-22 ○	-39.6	5.5	SP-SM	0.12	0.10	0.80

GRAIN SIZE DISTRIBUTION CURVE
LIDO KEY VC 2000

