

## GRADATION ANALYSIS REPORT

LIDO KEY VC 2000

TESTED BY: ID ON: 8/00

SAMPLE NO.: LK-00-05

SAMPLE ELEV. (FT. NGVD): -35.9

SAMPLE DEPTH (FT.): 2.0

SAMPLE TYPE: CORE SAMPLE

USCS DESCRIPTION: SP

DRY SAMPLE WEIGHT (GRAMS): 99.00

SAMPLE WEIGHT AFTER WASH (GRAMS): 97.27

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	0.55	0.56	99.44
10	-1.00	2.000	1.47	1.48	98.52
14	-0.50	1.400	2.77	2.80	97.20
18	0.00	1.000	4.91	4.96	95.04
25	0.50	0.710	10.74	10.85	89.15
35	1.00	0.500	26.86	27.13	72.87
45	1.50	0.355	50.04	50.55	49.45
60	2.00	0.250	69.70	70.40	29.60
80	2.50	0.180	89.87	90.78	9.22
120	3.00	0.125	95.73	96.70	3.30
170	3.50	0.090	97.16	98.14	1.86
200	3.75	0.075	97.26	98.24	1.76
230	4.00	0.063	98.13	99.13	0.87
PAN			99.00	100.00	0.00

PHI (5): 0.00	PHI (16): 0.66	PHI (25): 0.93
PHI (50): 1.49	PHI (75): 2.11	PHI (84): 2.33
PHI (95): 2.86		

SIEVE LOSS(g): 0.00	SILT/CLAY: 1.76%
SKEWNESS: -0.070	KURTOSIS: 0.992

## GRAPHIC METHOD

MEAN (PHI): 1.47

SORTING: 0.84

MEAN (mm): 0.36

MEDIAN (mm): 0.36

NOTE: MEAN WAS CALCULATED USING 5 POINT METHOD

## MOMENT METHOD

MEAN (PHI): 1.46

SORTING: 0.89

MEAN (mm): 0.36

DATA FILE NAME: LK-00-05 S#1.TAB

## GRADATION ANALYSIS REPORT

LIDO KEY VC 2000

TESTED BY: ID ON: 8/00

SAMPLE NO.: LK-00-05

SAMPLE ELEV. (FT. NGVD): -39.9

SAMPLE DEPTH (FT.): 6.0

SAMPLE TYPE: CORE SAMPLE

USCS DESCRIPTION: SP-SM

DRY SAMPLE WEIGHT (GRAMS): 96.85

SAMPLE WEIGHT AFTER WASH (GRAMS): 84.82

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	0.25	0.26	99.74
10	-1.00	2.000	0.92	0.95	99.05
14	-0.50	1.400	1.48	1.53	98.47
18	0.00	1.000	2.01	2.08	97.92
25	0.50	0.710	3.05	3.15	96.85
35	1.00	0.500	4.39	4.53	95.47
45	1.50	0.355	6.00	6.20	93.80
60	2.00	0.250	9.12	9.42	90.58
80	2.50	0.180	13.88	14.33	85.67
120	3.00	0.125	33.29	34.37	65.63
170	3.50	0.090	69.06	71.31	28.69
200	3.75	0.075	79.50	82.09	17.91
230	4.00	0.063	89.96	92.89	7.11
PAN			96.85	100.00	0.00

PHI (5): 1.14

PHI (16): 2.54

PHI (25): 2.77

PHI (50): 3.21

PHI (75): 3.59

PHI (84): 3.79

PHI (95): 4.05

SIEVE LOSS(g): 0.00

SILT/CLAY: 17.91%

SKEWNESS: -0.985

KURTOSIS: 1.454

## GRAPHIC METHOD

MEAN (PHI): 2.95

SORTING: 0.63

MEAN (mm): 0.13

MEDIAN (mm): 0.11

NOTE: MEAN WAS CALCULATED USING 5 POINT METHOD

## MOMENT METHOD

MEAN (PHI): 2.95

SORTING: 0.91

MEAN (mm): 0.13

DATA FILE NAME: LK-00-05 S#2.TAB

## GRADATION ANALYSIS REPORT

LIDO KEY VC 2000

TESTED BY: ID

ON: 8/00

SAMPLE NO.: LK-00-05

SAMPLE ELEV. (FT. NGVD): -42.9

SAMPLE DEPTH (FT.): 9.0

SAMPLE TYPE: CORE SAMPLE

USCS DESCRIPTION: SP-SM

DRY SAMPLE WEIGHT (GRAMS): 99.24

SAMPLE WEIGHT AFTER WASH (GRAMS): 83.78

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	0.86	0.87	99.13
7	-1.50	2.800	1.24	1.25	98.75
10	-1.00	2.000	1.76	1.77	98.23
14	-0.50	1.400	2.31	2.33	97.67
18	0.00	1.000	3.24	3.26	96.74
25	0.50	0.710	4.60	4.64	95.36
35	1.00	0.500	6.47	6.52	93.48
45	1.50	0.355	8.28	8.34	91.66
60	2.00	0.250	11.68	11.77	88.23
80	2.50	0.180	19.10	19.25	80.75
120	3.00	0.125	46.39	46.75	53.25
170	3.50	0.090	75.85	76.43	23.57
200	3.75	0.075	82.23	82.86	17.14
230	4.00	0.063	91.24	91.94	8.06
PAN			99.22	99.98	0.02

PHI (5): 0.60

PHI (16): 2.28

PHI (25): 2.60

PHI (50): 3.05

PHI (75): 3.48

PHI (84): 3.78

PHI (95): 4.08

SIEVE LOSS(g): 0.02

SILT/CLAY: 17.14%

SKEWNESS: -0.953

KURTOSIS: 1.640

## GRAPHIC METHOD

MEAN (PHI): 2.76

SORTING: 0.75

MEAN (mm): 0.15

MEDIAN (mm): 0.12

NOTE: MEAN WAS CALCULATED USING 5 POINT METHOD

## MOMENT METHOD

MEAN (PHI): 2.76

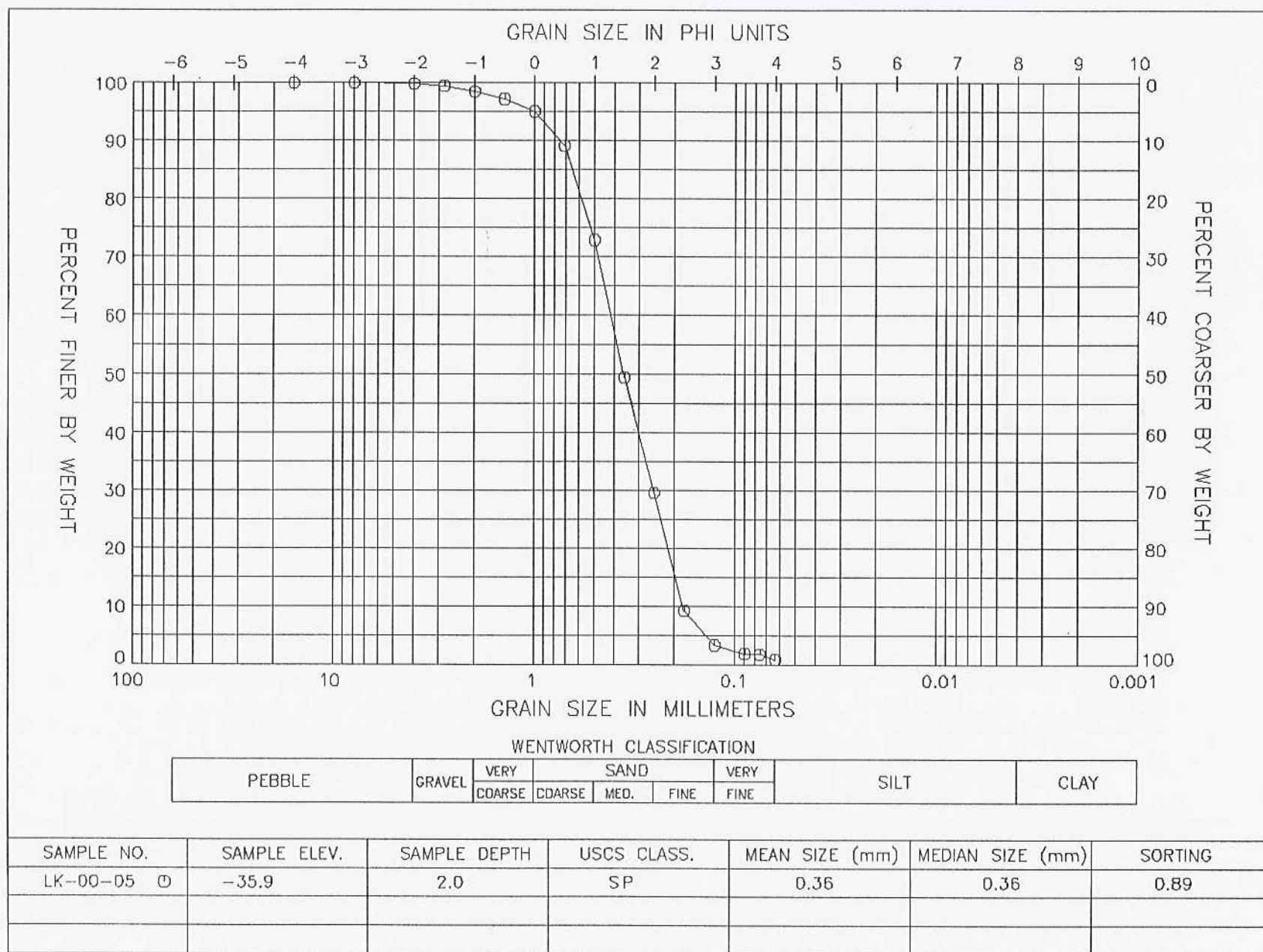
SORTING: 1.07

MEAN (mm): 0.15

DATA FILE NAME: LK-00-05 S#3.TAB



GRAIN SIZE DISTRIBUTION CURVE  
LIDO KEY VC 2000



GRAIN SIZE DISTRIBUTION CURVE  
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