

GRADATION ANALYSIS REPORT

LIDO KEY VC 2000

TESTED BY: ID ON: 8/00

SAMPLE NO.: LK-00-12

SAMPLE ELEV. (FT. NGVD): -43.8

SAMPLE DEPTH (FT.): 3.0

SAMPLE TYPE: CORE SAMPLE

USCS DESCRIPTION: SP-SM

DRY SAMPLE WEIGHT (GRAMS): 83.00

SAMPLE WEIGHT AFTER WASH (GRAMS): 73.95

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	0.61	0.73	99.27
7	-1.50	2.800	1.22	1.47	98.53
10	-1.00	2.000	1.78	2.14	97.86
14	-0.50	1.400	2.55	3.07	96.93
18	0.00	1.000	3.34	4.02	95.98
25	0.50	0.710	4.78	5.76	94.24
35	1.00	0.500	6.73	8.11	91.89
45	1.50	0.355	8.75	10.54	89.46
60	2.00	0.250	12.23	14.73	85.27
80	2.50	0.180	17.82	21.47	78.53
120	3.00	0.125	35.17	42.37	57.63
170	3.50	0.090	60.80	73.25	26.75
200	3.75	0.075	69.61	83.87	16.13
230	4.00	0.063	77.38	93.22	6.78
PAN			82.98	99.98	0.02

PHI (5): 0.28

PHI (16): 2.09

PHI (25): 2.58

PHI (50): 3.12

PHI (75): 3.54

PHI (84): 3.75

PHI (95): 4.05

SIEVE LOSS (g): 0.02

SILT/CLAY: 16.13%

SKEWNESS: -1.156

KURTOSIS: 1.613

GRAPHIC METHOD

MEAN (PHI): 2.66

SORTING: 0.83

MEAN (mm): 0.16

MEDIAN (mm): 0.11

NOTE: MEAN WAS CALCULATED USING 5 POINT METHOD

MOMENT METHOD

MEAN (PHI): 2.74

SORTING: 1.16

MEAN (mm): 0.15

DATA FILE NAME: LK-00-12 S#1.TAB

GRAIN SIZE DISTRIBUTION CURVE LIDO KEY VC 2000

