

GRADATION ANALYSIS REPORT

LIDO KEY VC 2000

TESTED BY: ID ON: 8/00

SAMPLE NO.: LK-00-06

SAMPLE ELEV. (FT. NGVD): -43.5

SAMPLE DEPTH (FT.): 7.0

SAMPLE TYPE: CORE SAMPLE

USCS DESCRIPTION: SP-SM

DRY SAMPLE WEIGHT (GRAMS): 96.20

SAMPLE WEIGHT AFTER WASH (GRAMS): 75.37

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	0.25	99.75
7	-1.50	2.800	0.71	0.74	99.26
10	-1.00	2.000	1.60	1.66	98.34
14	-0.50	1.400	2.71	2.82	97.18
18	0.00	1.000	3.93	4.09	95.91
25	0.50	0.710	5.54	5.76	94.24
35	1.00	0.500	7.16	7.44	92.56
45	1.50	0.355	8.52	8.86	91.14
60	2.00	0.250	11.04	11.48	88.52
80	2.50	0.180	15.70	16.32	83.68
120	3.00	0.125	29.02	30.17	69.83
170	3.50	0.090	57.64	59.92	40.08
200	3.75	0.075	70.91	73.71	26.29
230	4.00	0.063	85.16	88.53	11.47
PAN			96.18	99.98	0.02

PHI (5): 0.27

PHI (16): 2.47

PHI (25): 2.81

PHI (50): 3.33

PHI (75): 3.77

PHI (84): 3.92

PHI (95): 4.11

SIEVE LOSS (g): 0.02

SILT/CLAY: 26.29%

SKEWNESS: -1.568

KURTOSIS: 1.640

GRAPHIC METHOD

MEAN (PHI): 2.82

SORTING: 0.73

MEAN (mm): 0.14

MEDIAN (mm): 0.10

NOTE: MEAN WAS CALCULATED USING 5 POINT METHOD

MOMENT METHOD

MEAN (PHI): 2.91

SORTING: 1.14

MEAN (mm): 0.13

DATA FILE NAME: LK-00-06 S#3.TAB

GRAIN SIZE DISTRIBUTION CURVE
LIDO KEY VC 2000

