

## GRADATION ANALYSIS REPORT

LIDO KEY VC 2000

TESTED BY: ID ON: 8/00.

SAMPLE NO.: LK-00-17

SAMPLE ELEV. (FT. NGVD): -47.3

SAMPLE DEPTH (FT.): 1.5

SAMPLE TYPE: CORE SAMPLE

USCS DESCRIPTION: SP

DRY SAMPLE WEIGHT (GRAMS): 95.72

SAMPLE WEIGHT AFTER WASH (GRAMS): 92.93

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	0.30	99.70
10	-1.00	2.000	1.00	1.04	98.96
14	-0.50	1.400	2.09	2.18	97.82
18	0.00	1.000	9.59	10.02	89.98
25	0.50	0.710	17.65	18.44	81.56
35	1.00	0.500	19.63	20.51	79.49
45	1.50	0.355	37.76	39.45	60.55
60	2.00	0.250	63.31	66.14	33.86
80	2.50	0.180	82.07	85.74	14.26
120	3.00	0.125	91.16	95.24	4.76
170	3.50	0.090	92.59	96.73	3.27
200	3.75	0.075	92.83	96.98	3.02
230	4.00	0.063	94.27	98.49	1.51
PAN			95.70	99.98	0.02

PHI (5): -0.32

PHI (16): 0.36

PHI (25): 1.12

PHI (50): 1.70

PHI (75): 2.23

PHI (84): 2.46

PHI (95): 2.99

SIEVE LOSS (g): 0.02

SILT/CLAY: 3.02%

SKEWNESS: -0.347

KURTOSIS: 1.224

## GRAPHIC METHOD

MEAN (PHI): 1.44

SORTING: 1.05

MEAN (mm): 0.37

MEDIAN (mm): 0.31

NOTE: MEAN WAS CALCULATED USING 5 POINT METHOD

## MOMENT METHOD

MEAN (PHI): 1.54

SORTING: 0.99

MEAN (mm): 0.34

DATA FILE NAME: LK-00-17 S#1.TAB

## GRADATION ANALYSIS REPORT

LIDO KEY VC 2000

TESTED BY: ID ON: 8/00

SAMPLE NO.: LK-00-17

SAMPLE ELEV. (FT. NGVD): -50.3

SAMPLE DEPTH (FT.): 4.5

SAMPLE TYPE: CORE SAMPLE

USCS DESCRIPTION: SP-SM

DRY SAMPLE WEIGHT (GRAMS): 98.65

SAMPLE WEIGHT AFTER WASH (GRAMS): 78.92

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	1.90	1.93	98.07
7	-1.50	2.800	3.06	3.10	96.90
10	-1.00	2.000	5.03	5.10	94.90
14	-0.50	1.400	7.64	7.74	92.26
18	0.00	1.000	9.71	9.84	90.16
25	0.50	0.710	12.25	12.42	87.58
35	1.00	0.500	15.91	16.13	83.87
45	1.50	0.355	20.96	21.25	78.75
60	2.00	0.250	30.13	30.54	69.46
80	2.50	0.180	41.47	42.04	57.96
120	3.00	0.125	57.28	58.06	41.94
170	3.50	0.090	72.98	73.98	26.02
200	3.75	0.075	77.76	78.82	21.18
230	4.00	0.063	88.59	89.80	10.20
PAN			98.62	99.97	0.03

PHI (5): -1.02

PHI (16): 0.98

PHI (25): 1.70

PHI (50): 2.75

PHI (75): 3.55

PHI (84): 3.87

PHI (95): 4.12

SIEVE LOSS (g): 0.03

SILT/CLAY: 21.18%

SKEWNESS: -0.833

KURTOSIS: 1.139

## GRAPHIC METHOD

MEAN (PHI): 2.14

SORTING: 1.44

MEAN (mm): 0.23

MEDIAN (mm): 0.15

NOTE: MEAN WAS CALCULATED USING 5 POINT METHOD

## MOMENT METHOD

MEAN (PHI): 2.18

SORTING: 1.52

MEAN (mm): 0.22

DATA FILE NAME: LK-00-17 S#2.TAB

# GRAIN SIZE DISTRIBUTION CURVE LIDO KEY VC 2000





GRAIN SIZE DISTRIBUTION CURVE  
LIDO KEY VC 2000

