

## GRADATION ANALYSIS REPORT

LIDO KEY VC 2000

TESTED BY: ID ON: 8/00

SAMPLE NO.: LK-00-03

SAMPLE ELEV. (FT. NGVD): -31.2

SAMPLE DEPTH (FT.): 0.5

SAMPLE TYPE: CORE SAMPLE

USCS DESCRIPTION: SP

DRY SAMPLE WEIGHT (GRAMS): 82.06

SAMPLE WEIGHT AFTER WASH (GRAMS): 80.40

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	0.86	1.05	98.95
5	-2.00	4.000	2.34	2.85	97.15
7	-1.50	2.800	3.67	4.47	95.53
10	-1.00	2.000	4.80	5.85	94.15
14	-0.50	1.400	7.51	9.15	90.85
18	0.00	1.000	17.72	21.59	78.41
25	0.50	0.710	31.45	38.33	61.67
35	1.00	0.500	50.52	61.56	38.44
45	1.50	0.355	63.66	77.58	22.42
60	2.00	0.250	72.86	88.79	11.21
80	2.50	0.180	76.60	93.35	6.65
120	3.00	0.125	79.06	96.34	3.66
170	3.50	0.090	80.23	97.77	2.23
200	3.75	0.075	80.39	97.96	2.04
230	4.00	0.063	81.23	98.99	1.01
PAN			82.06	100.00	0.00

PHI (5): -1.31

PHI (16): -0.22

PHI (25): 0.10

PHI (50): 0.75

PHI (75): 1.42

PHI (84): 1.79

PHI (95): 2.78

SIEVE LOSS(g): 0.00

SILT/CLAY: 2.04%

SKEWNESS: -0.017

KURTOSIS: 1.270

## GRAPHIC METHOD

MEAN (PHI): 0.76

SORTING: 1.01

MEAN (mm): 0.59

MEDIAN (mm): 0.59

NOTE: MEAN WAS CALCULATED USING 5 POINT METHOD

## MOMENT METHOD

MEAN (PHI): 0.71

SORTING: 1.17

MEAN (mm): 0.61

DATA FILE NAME: LK-00-03 S#1.TAB

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LIDO KEY VC 2000

TESTED BY: ID ON: 8/00

SAMPLE NO.: LK-00-03  
SAMPLE ELEV. (FT. NGVD): -33.2  
SAMPLE DEPTH (FT.): 2.5  
SAMPLE TYPE: CORE SAMPLE

USCS DESCRIPTION: SP-SM

DRY SAMPLE WEIGHT (GRAMS): 86.82  
SAMPLE WEIGHT AFTER WASH (GRAMS): 74.61

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	1.40	1.61	98.39
7	-1.50	2.800	2.57	2.96	97.04
10	-1.00	2.000	3.59	4.13	95.87
14	-0.50	1.400	4.41	5.08	94.92
18	0.00	1.000	5.19	5.98	94.02
25	0.50	0.710	6.48	7.46	92.54
35	1.00	0.500	7.90	9.10	90.90
45	1.50	0.355	9.01	10.38	89.62
60	2.00	0.250	10.49	12.08	87.92
80	2.50	0.180	12.49	14.39	85.61
120	3.00	0.125	29.25	33.69	66.31
170	3.50	0.090	62.25	71.70	28.30
200	3.75	0.075	70.44	81.13	18.87
230	4.00	0.063	79.74	91.85	8.15
PAN			86.78	99.95	0.05

PHI (5): -0.54      PHI (16): 2.54      PHI (25): 2.77  
PHI (50): 3.21      PHI (75): 3.59      PHI (84): 3.82  
PHI (95): 4.07

SIEVE LOSS(g): 0.04      SILT/CLAY: 18.87%  
SKEWNESS: -2.273      KURTOSIS: 2.328

## GRAPHIC METHOD

MEAN (PHI): 2.62      SORTING: 0.64  
MEAN (mm): 0.16      MEDIAN (mm): 0.11

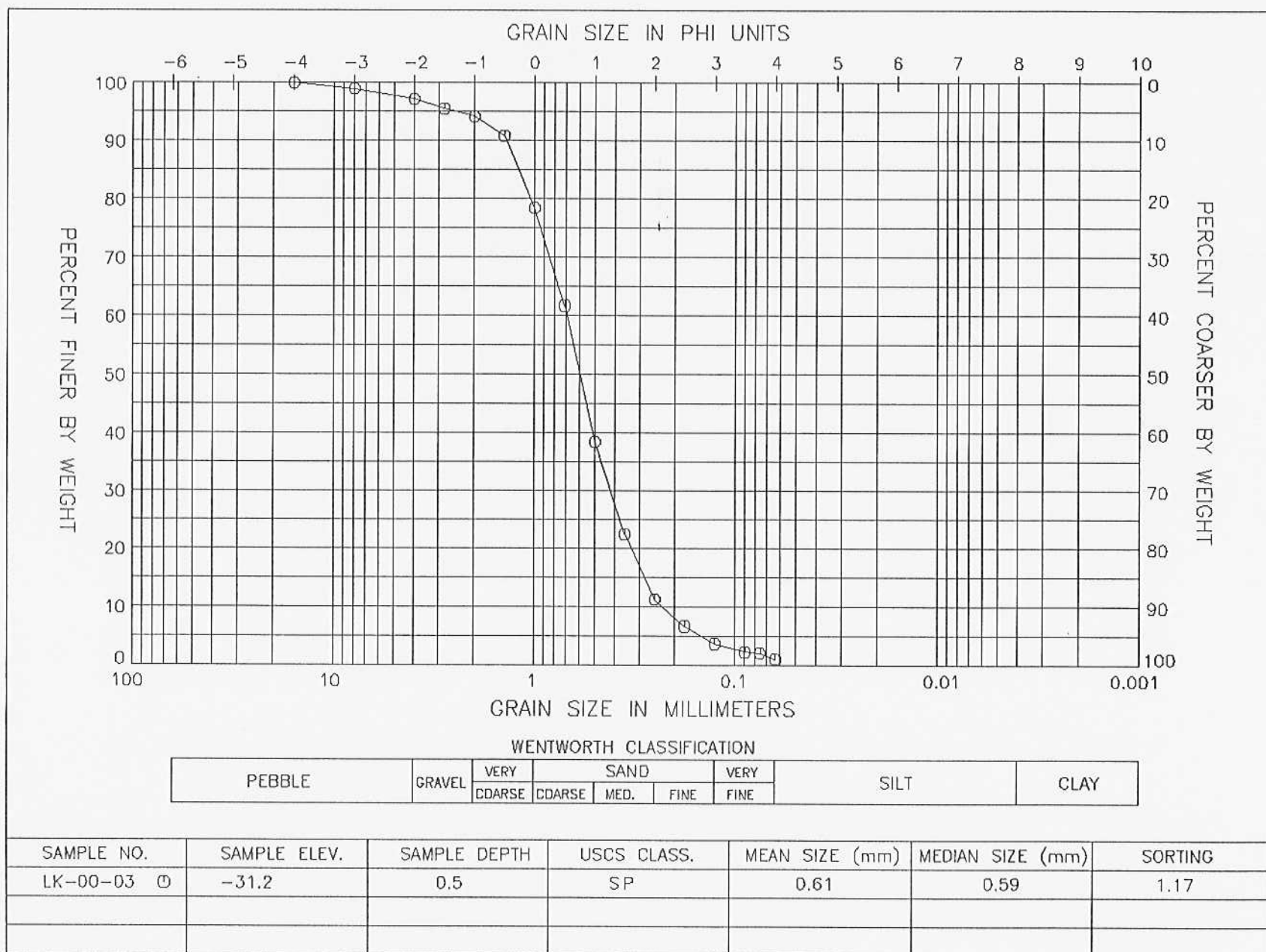
NOTE: MEAN WAS CALCULATED USING 5 POINT METHOD

## MOMENT METHOD

MEAN (PHI): 2.78      SORTING: 1.33  
MEAN (mm): 0.15

DATA FILE NAME: LK-00-03 S#2.TAB

GRAIN SIZE DISTRIBUTION CURVE  
LIDO KEY VC 2000





GRAIN SIZE DISTRIBUTION CURVE  
LIDO KEY VC 2000

