

## GRADATION ANALYSIS REPORT

LIDO KEY VC 2000

TESTED BY: ID ON: 8/00

SAMPLE NO.: LK-00-20

SAMPLE ELEV. (FT. NGVD): -44.0

SAMPLE DEPTH (FT.): 2.0

SAMPLE TYPE: CORE SAMPLE

USCS DESCRIPTION: SP

DRY SAMPLE WEIGHT (GRAMS): 99.30

SAMPLE WEIGHT AFTER WASH (GRAMS): 97.53

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	0.45	0.45	99.55
5	-2.00	4.000	1.66	1.67	98.33
7	-1.50	2.800	2.56	2.58	97.42
10	-1.00	2.000	3.96	3.99	96.01
14	-0.50	1.400	6.90	6.95	93.05
18	0.00	1.000	12.61	12.70	87.30
25	0.50	0.710	25.46	25.64	74.36
35	1.00	0.500	44.13	44.44	55.56
45	1.50	0.355	61.42	61.85	38.15
60	2.00	0.250	79.18	79.74	20.26
80	2.50	0.180	90.28	90.92	9.08
120	3.00	0.125	95.30	95.97	4.03
170	3.50	0.090	97.12	97.80	2.20
200	3.75	0.075	97.36	98.05	1.95
230	4.00	0.063	98.31	99.00	1.00
PAN			99.28	99.98	0.02

PHI (5): -0.83

PHI (16): 0.13

PHI (25): 0.48

PHI (50): 1.16

PHI (75): 1.87

PHI (84): 2.19

PHI (95): 2.90

SIEVE LOSS (g): 0.02

SILT/CLAY: 1.95%

SKEWNESS: -0.118

KURTOSIS: 1.099

## GRAPHIC METHOD

MEAN (PHI): 1.11

SORTING: 1.03

MEAN (mm): 0.46

MEDIAN (mm): 0.45

NOTE: MEAN WAS CALCULATED USING 5 POINT METHOD

## MOMENT METHOD

MEAN (PHI): 1.09

SORTING: 1.13

MEAN (mm): 0.47

DATA FILE NAME: LK-00-20 S#1.TAB

GRADATION ANALYSIS REPORT  
LIDO KEY VC 2000  
TESTED BY: ID ON: 8/00

SAMPLE NO.: LK-00-20  
SAMPLE ELEV. (FT. NGVD): -45.9  
SAMPLE DEPTH (FT.): 3.9  
SAMPLE TYPE: CORE SAMPLE

USCS DESCRIPTION: SP-SM

DRY SAMPLE WEIGHT (GRAMS): 99.56  
SAMPLE WEIGHT AFTER WASH (GRAMS): 84.57

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	0.99	0.99	99.01
5	-2.00	4.000	4.66	4.68	95.32
7	-1.50	2.800	8.69	8.73	91.27
10	-1.00	2.000	12.47	12.53	87.47
14	-0.50	1.400	16.92	16.99	83.01
18	0.00	1.000	20.85	20.94	79.06
25	0.50	0.710	26.32	26.44	73.56
35	1.00	0.500	32.17	32.31	67.69
45	1.50	0.355	37.23	37.39	62.61
60	2.00	0.250	44.51	44.71	55.29
80	2.50	0.180	52.04	52.27	47.73
120	3.00	0.125	64.79	65.08	34.92
170	3.50	0.090	78.63	78.98	21.02
200	3.75	0.075	83.13	83.50	16.50
230	4.00	0.063	91.77	92.18	7.82
PAN			99.56	100.00	0.00

PHI (5): -1.96 PHI (16): -0.61 PHI (25): 0.37  
PHI (50): 2.35 PHI (75): 3.36 PHI (84): 3.76  
PHI (95): 4.08

SIEVE LOSS (g): 0.00 SILT/CLAY: 16.50%  
SKEWNESS: -0.589 KURTOSIS: 0.829

GRAPHIC METHOD

MEAN (PHI): 1.52 SORTING: 2.19  
MEAN (mm): 0.35 MEDIAN (mm): 0.20  
NOTE: MEAN WAS CALCULATED USING 5 POINT METHOD

MOMENT METHOD

MEAN (PHI): 1.56 SORTING: 1.92  
MEAN (mm): 0.34

DATA FILE NAME: LK-00-20 S#2.TAB



## GRADATION ANALYSIS REPORT

LIDO KEY VC 2000

TESTED BY: ID ON: 8/00

SAMPLE NO.: LK-00-20  
SAMPLE ELEV. (FT. NGVD): -46.7  
SAMPLE DEPTH (FT.): 4.7  
SAMPLE TYPE: CORE SAMPLE

USCS DESCRIPTION: SP-SM

DRY SAMPLE WEIGHT (GRAMS): 98.63  
SAMPLE WEIGHT AFTER WASH (GRAMS): 75.73

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	0.28	0.28	99.72
7	-1.50	2.800	0.62	0.63	99.37
10	-1.00	2.000	1.42	1.44	98.56
14	-0.50	1.400	3.06	3.10	96.90
18	0.00	1.000	5.44	5.52	94.48
25	0.50	0.710	9.28	9.41	90.59
35	1.00	0.500	14.07	14.27	85.73
45	1.50	0.355	18.88	19.14	80.86
60	2.00	0.250	27.19	27.57	72.43
80	2.50	0.180	35.62	36.11	63.89
120	3.00	0.125	51.07	51.78	48.22
170	3.50	0.090	68.97	69.93	30.07
200	3.75	0.075	74.52	75.56	24.44
230	4.00	0.063	87.07	88.28	11.72
PAN			98.62	99.99	0.01

PHI (5): -0.11      PHI (16): 1.18      PHI (25): 1.85  
PHI (50): 2.94      PHI (75): 3.73      PHI (84): 3.92  
PHI (95): 4.13

SIEVE LOSS (g): 0.01      SILT/CLAY: 24.44%  
SKEWNESS: -0.680      KURTOSIS: 0.925

## GRAPHIC METHOD

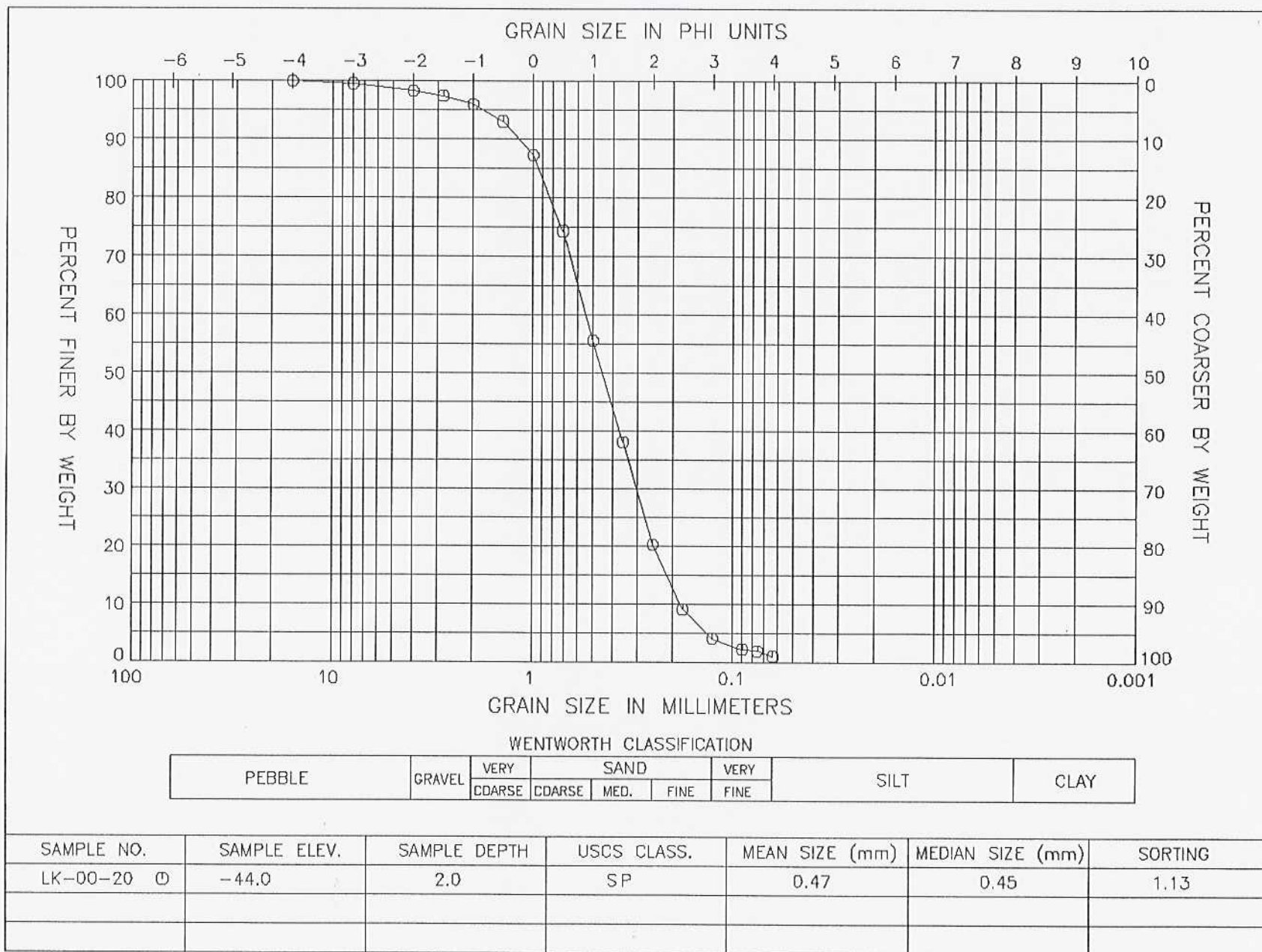
MEAN (PHI): 2.41      SORTING: 1.37  
MEAN (mm): 0.19      MEDIAN (mm): 0.13  
NOTE: MEAN WAS CALCULATED USING 5 POINT METHOD

## MOMENT METHOD

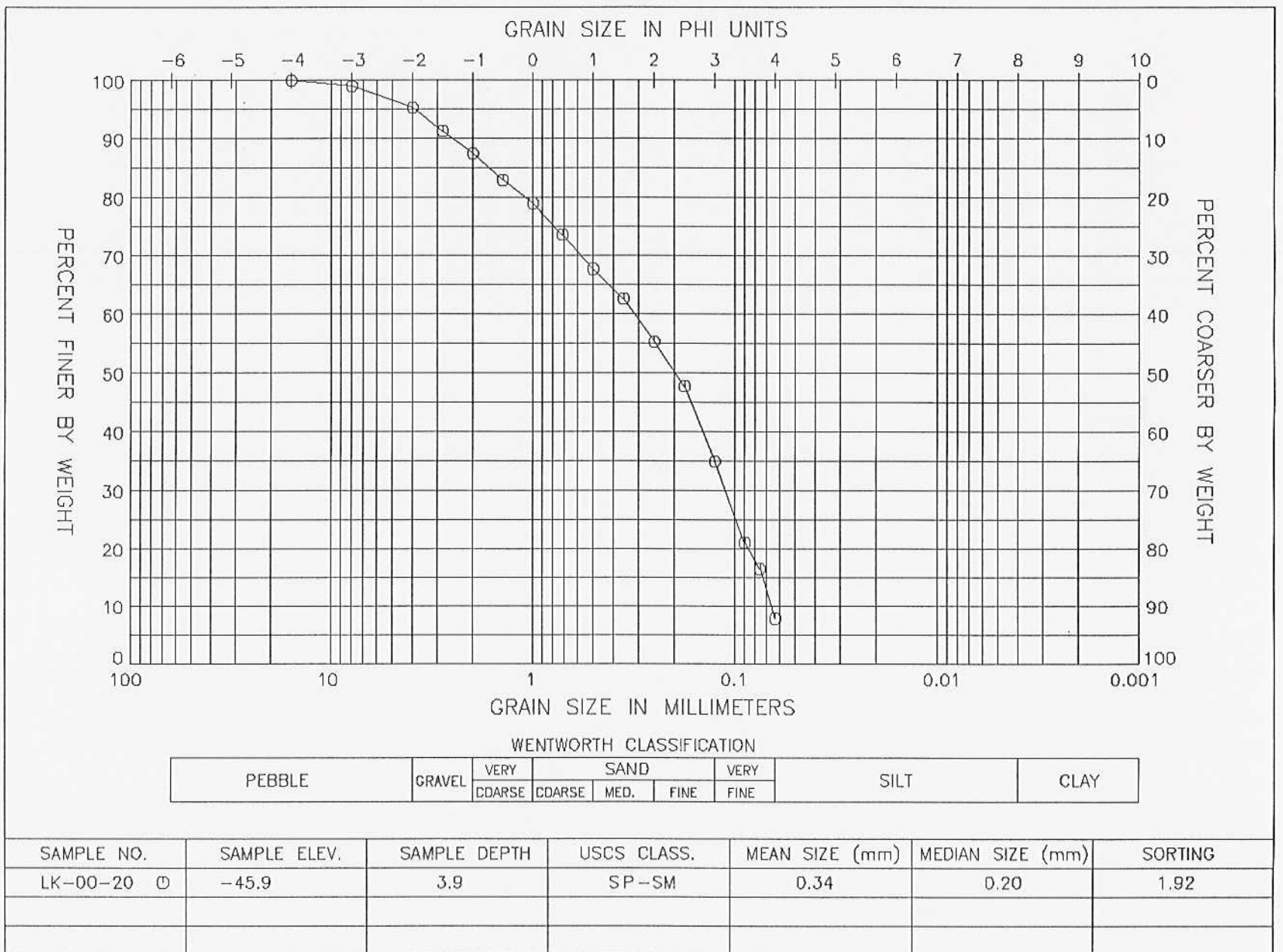
MEAN (PHI): 2.40      SORTING: 1.30  
MEAN (mm): 0.19

DATA FILE NAME: LK-00-20 S#3.TAB

GRAIN SIZE DISTRIBUTION CURVE  
LIDO KEY VC 2000



# GRAIN SIZE DISTRIBUTION CURVE LIDO KEY VC 2000





GRAIN SIZE DISTRIBUTION CURVE  
LIDO KEY VC 2000

