

GRADATION ANALYSIS REPORT

LIDO KEY VC 2000

TESTED BY: ID ON: 8/00

SAMPLE NO.: LK-00-02

SAMPLE ELEV. (FT. NGVD): -14.8

SAMPLE DEPTH (FT.): 1.0

SAMPLE TYPE: CORE SAMPLE

USCS DESCRIPTION: SP

DRY SAMPLE WEIGHT (GRAMS): 95.16

SAMPLE WEIGHT AFTER WASH (GRAMS): 93.02

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	0.30	0.32	99.68
7	-1.50	2.800	0.84	0.88	99.12
10	-1.00	2.000	1.34	1.41	98.59
14	-0.50	1.400	1.73	1.82	98.18
18	0.00	1.000	2.17	2.28	97.72
25	0.50	0.710	2.49	2.62	97.38
35	1.00	0.500	2.75	2.89	97.11
45	1.50	0.355	2.97	3.12	96.88
60	2.00	0.250	3.35	3.52	96.48
80	2.50	0.180	5.36	5.63	94.37
120	3.00	0.125	60.26	63.32	36.68
170	3.50	0.090	91.16	95.80	4.20
200	3.75	0.075	92.86	97.58	2.42
230	4.00	0.063	94.04	98.82	1.18
PAN			95.15	99.99	0.01

PHI (5): 2.35

PHI (16): 2.59

PHI (25): 2.67

PHI (50): 2.88

PHI (75): 3.18

PHI (84): 3.32

PHI (95): 3.49

SIEVE LOSS (g): 0.01

SILT/CLAY: 2.42%

SKEWNESS: 0.095

KURTOSIS: 0.911

GRAPHIC METHOD

MEAN (PHI): 2.93

SORTING: 0.36

MEAN (mm): 0.13

MEDIAN (mm): 0.14

NOTE: MEAN WAS CALCULATED USING 5 POINT METHOD

MOMENT METHOD

MEAN (PHI): 2.82

SORTING: 0.73

MEAN (mm): 0.14

DATA FILE NAME: LK-00-02 S#1.TAB

GRADATION ANALYSIS REPORT

LIDO KEY VC 2000

TESTED BY: ID

ON: 8/00

SAMPLE NO.: LK-00-02

SAMPLE ELEV. (FT. NGVD): -17.2

SAMPLE DEPTH (FT.): 3.4

SAMPLE TYPE: CORE SAMPLE

USCS DESCRIPTION: SP-SM

DRY SAMPLE WEIGHT (GRAMS): 97.87

SAMPLE WEIGHT AFTER WASH (GRAMS): 89.94

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	0.02	0.02	99.98
7	-1.50	2.800	0.32	0.33	99.67
10	-1.00	2.000	0.67	0.68	99.32
14	-0.50	1.400	1.05	1.07	98.93
18	0.00	1.000	1.42	1.45	98.55
25	0.50	0.710	1.78	1.82	98.18
35	1.00	0.500	2.06	2.10	97.90
45	1.50	0.355	2.27	2.32	97.68
60	2.00	0.250	2.67	2.73	97.27
80	2.50	0.180	3.41	3.48	96.52
120	3.00	0.125	34.90	35.66	64.34
170	3.50	0.090	85.77	87.64	12.36
200	3.75	0.075	89.23	91.17	8.83
230	4.00	0.063	93.79	95.84	4.16
PAN			97.86	99.99	0.01

PHI (5): 2.52

PHI (16): 2.69

PHI (25): 2.83

PHI (50): 3.14

PHI (75): 3.38

PHI (84): 3.47

PHI (95): 3.96

SIEVE LOSS (g): 0.01

SILT/CLAY: 8.83%

SKEWNESS: 0.263

KURTOSIS: 1.078

GRAPHIC METHOD

MEAN (PHI): 3.16

SORTING: 0.39

MEAN (mm): 0.11

MEDIAN (mm): 0.11

NOTE: MEAN WAS CALCULATED USING 5 POINT METHOD

MOMENT METHOD

MEAN (PHI): 3.02

SORTING: 0.64

MEAN (mm): 0.12

DATA FILE NAME: LK-00-02 S#2.TAB

GRADATION ANALYSIS REPORT

LIDO KEY VC 2000

TESTED BY: ID ON: 8/00

SAMPLE NO.: LK-00-02

SAMPLE ELEV. (FT. NGVD): -22.2

SAMPLE DEPTH (FT.): 8.4

SAMPLE TYPE: CORE SAMPLE

USCS DESCRIPTION: SP-SM

DRY SAMPLE WEIGHT (GRAMS): 105.36

SAMPLE WEIGHT AFTER WASH (GRAMS): 97.87

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	0.82	0.78	99.22
7	-1.50	2.800	1.72	1.63	98.37
10	-1.00	2.000	2.17	2.06	97.94
14	-0.50	1.400	2.69	2.55	97.45
18	0.00	1.000	3.15	2.99	97.01
25	0.50	0.710	3.76	3.57	96.43
35	1.00	0.500	4.38	4.16	95.84
45	1.50	0.355	4.86	4.61	95.39
60	2.00	0.250	5.24	4.97	95.03
80	2.50	0.180	6.30	5.98	94.02
120	3.00	0.125	13.47	12.78	87.22
170	3.50	0.090	80.47	76.38	23.62
200	3.75	0.075	95.75	90.88	9.12
230	4.00	0.063	101.46	96.29	3.71
PAN			105.36	100.00	0.00

PHI (5): 2.01	PHI (16): 3.03	PHI (25): 3.10
PHI (50): 3.29	PHI (75): 3.49	PHI (84): 3.63
PHI (95): 3.94		

SIEVE LOSS(g): 0.00

SKEWNESS: -1.042

SILT/CLAY: 9.12%

KURTOSIS: 2.009

GRAPHIC METHOD

MEAN (PHI): 3.18

MEAN (mm): 0.11

SORTING: 0.30

MEDIAN (mm): 0.10

NOTE: MEAN WAS CALCULATED USING 5 POINT METHOD

MOMENT METHOD

MEAN (PHI): 3.10

MEAN (mm): 0.12

SORTING: 0.94

DATA FILE NAME: LK-00-02 S#3.TAB

GRADATION ANALYSIS REPORT

LIDO KEY VC 2000

TESTED BY: ID ON: 8/00

SAMPLE NO.: LK-00-02

SAMPLE ELEV. (FT. NGVD): -23.2

SAMPLE DEPTH (FT.): 9.4

SAMPLE TYPE: CORE SAMPLE

USCS DESCRIPTION: SP-SM

DRY SAMPLE WEIGHT (GRAMS): 95.52

SAMPLE WEIGHT AFTER WASH (GRAMS): 83.38

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	2.96	3.10	96.90
7	-1.50	2.800	3.89	4.07	95.93
10	-1.00	2.000	5.31	5.56	94.44
14	-0.50	1.400	7.29	7.63	92.37
18	0.00	1.000	10.07	10.54	89.46
25	0.50	0.710	13.83	14.48	85.52
35	1.00	0.500	17.60	18.43	81.57
45	1.50	0.355	20.27	21.22	78.78
60	2.00	0.250	23.11	24.19	75.81
80	2.50	0.180	26.20	27.43	72.57
120	3.00	0.125	45.58	47.72	52.28
170	3.50	0.090	78.66	82.35	17.65
200	3.75	0.075	82.40	86.26	13.74
230	4.00	0.063	89.28	93.47	6.53
PAN			95.51	99.99	0.01

PHI (5): -1.19

PHI (16): 0.69

PHI (25): 2.12

PHI (50): 3.03

PHI (75): 3.39

PHI (84): 3.61

PHI (95): 4.05

SIEVE LOSS (g): 0.01

SILT/CLAY: 13.74%

SKEWNESS: -1.099

KURTOSIS: 1.692

GRAPHIC METHOD

MEAN (PHI): 2.04

SORTING: 1.46

MEAN (mm): 0.24

MEDIAN (mm): 0.12

NOTE: MEAN WAS CALCULATED USING 5 POINT METHOD

MOMENT METHOD

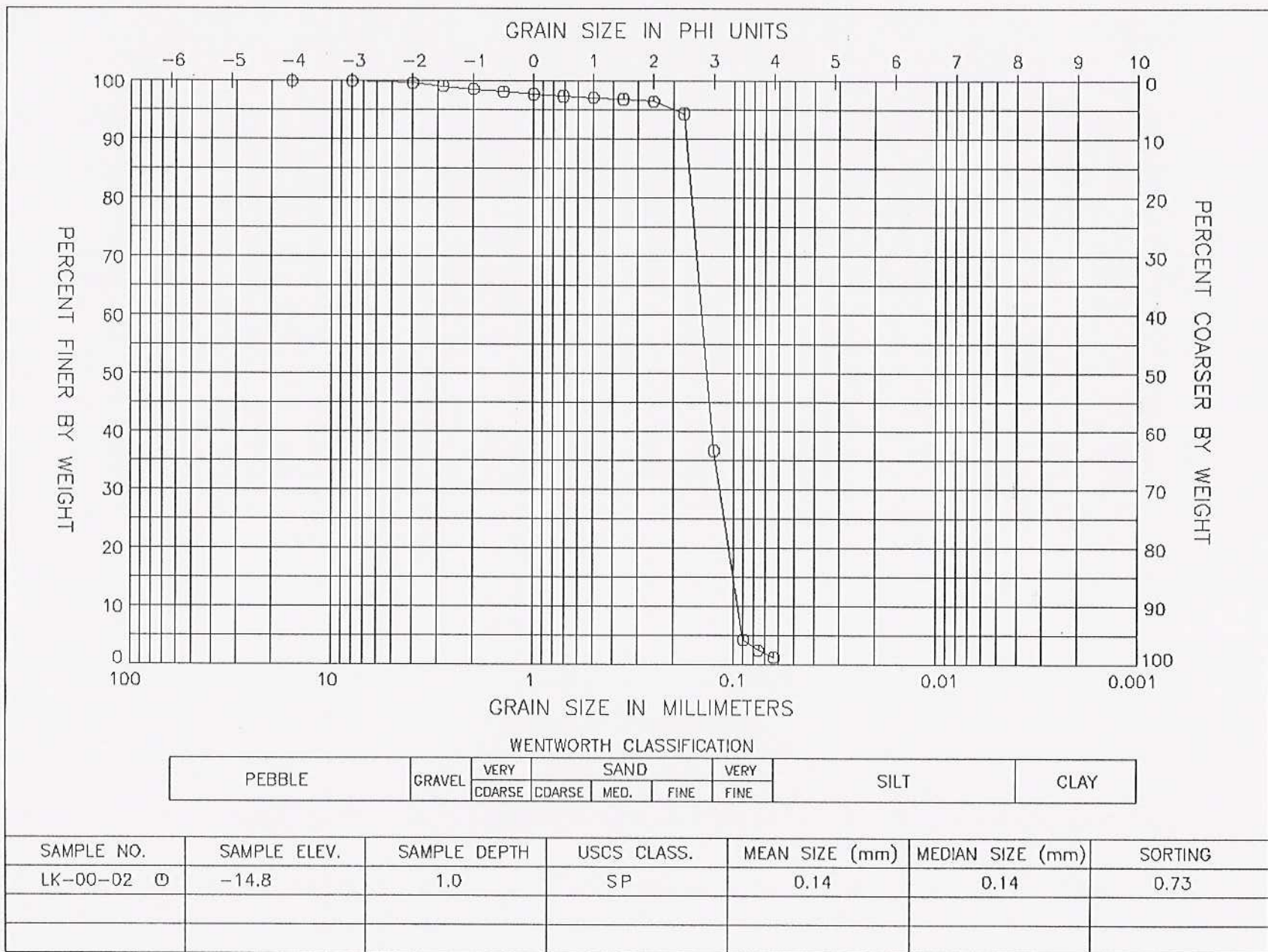
MEAN (PHI): 2.32

SORTING: 1.58

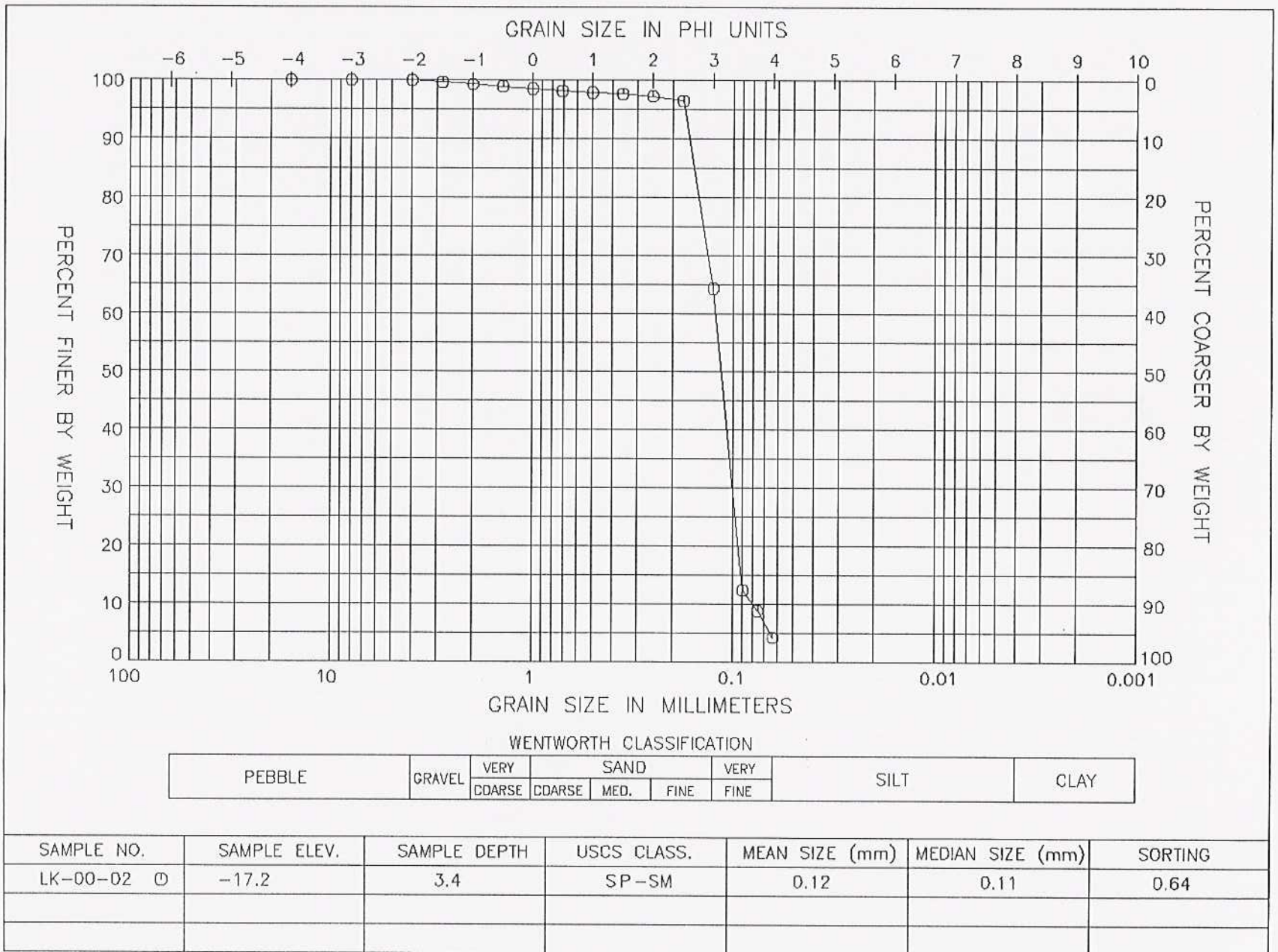
MEAN (mm): 0.20

DATA FILE NAME: LK-00-02 S#4.TAB

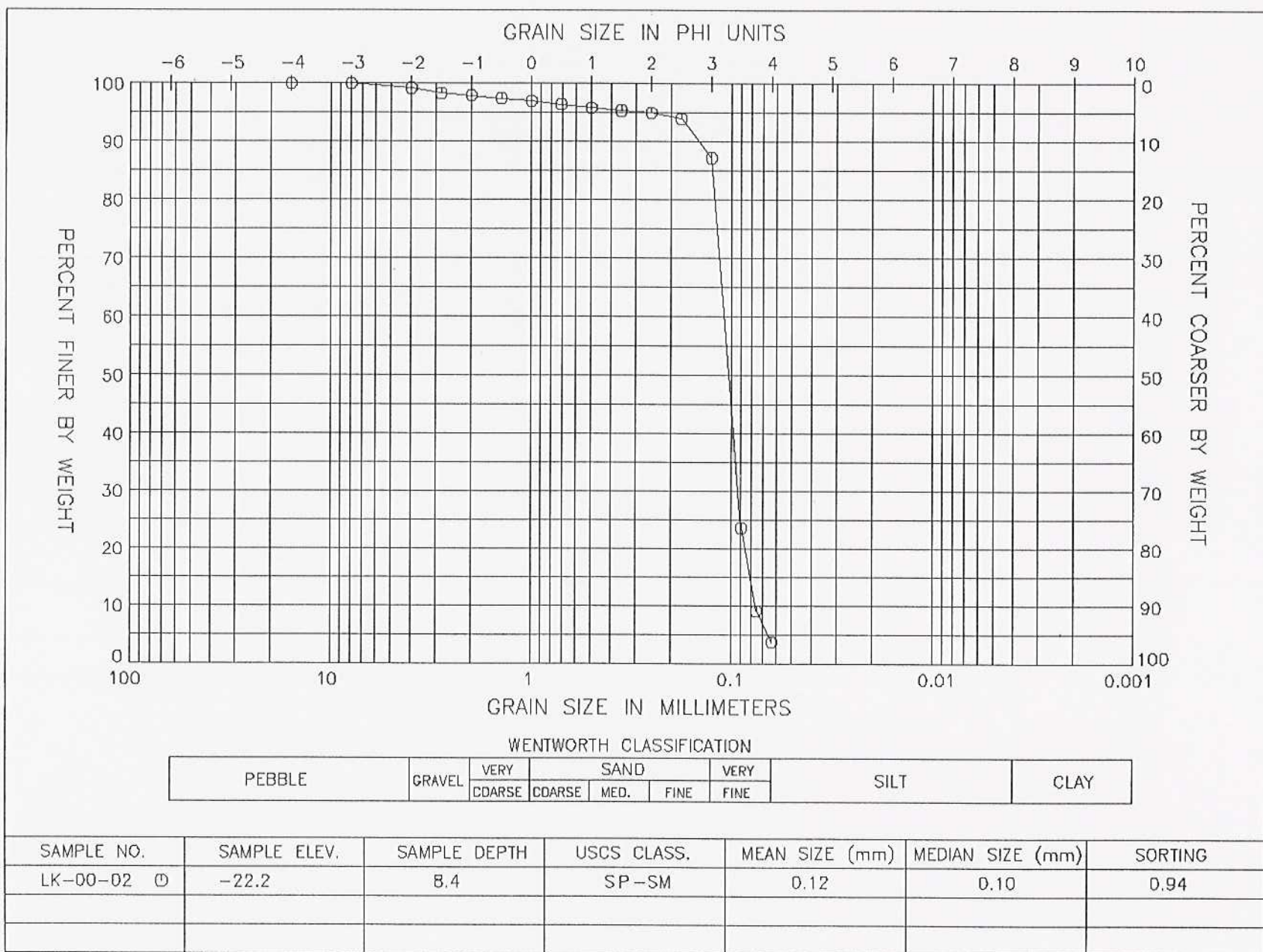
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