

Sediment Analysis Data Sheet

Sample A-25-6.0

Sieve	Size (mm)	Phi size	Wt	Wt %	Cuml %	Folk	Statistics phi	mm
	16.00	-4.00	0.00	0.00	0.00			
	11.31	-3.50	0.00	0.00	0.00			
	8.00	-3.00	0.00	0.00	0.00			
	5.66	-2.50	0.00	0.00	0.00	5% :	1.74	0.30
5	4.00	-2.00	0.00	0.00	0.00	16% :	2.08	0.24
7	2.83	-1.50	0.03	0.11	0.11	25% :	2.17	0.22
10	2.00	-1.00	0.05	0.17	0.27	50% :	2.42	0.19
14	1.41	-0.50	0.07	0.22	0.49	75% :	2.71	0.15
18	1.00	0.00	0.13	0.43	0.92	84% :	2.82	0.14
25	0.71	0.50	0.05	0.17	1.09	95% :	2.96	0.13
35	0.50	1.00	0.04	0.13	1.22			
45	0.35	1.50	0.14	0.44	1.67	Med.	2.42	0.19
60	0.25	2.00	2.11	6.88	8.54	Mean	2.44	0.18
80	0.18	2.50	15.16	49.33	57.87	St Dev.	0.37	
120	0.13	3.00	12.37	40.23	98.11	Skew	-0.02	
170	0.09	3.50	0.44	1.44	99.54	Kurt.	0.91	
200	0.07	3.75	0.02	0.05	99.59			
Pan			0.00	0.01	99.60			
Total			30.61	99.60	99.60			
						Moment	Statistics	
							Phi	mm
Cu =	1.50		Gravel		0 %	Mean	2.40	0.19
			Coarse	Sand	0 %	St. Dev.	0.46	0.73
			Med.	Sand	1 %	Skewness	-3.36	
Cc =	0.94		Fine	Sand	98 %	Kurtosis	25.08	

SEA, INC.

U.S. STANDARD SIEVE OPENING U.S. STANDARD SIEVE NUMBERS HYDROMETER

IN INCHES

200

120

60

35

18

10

5

1/2

1

2

4

PERCENT FINER BY WEIGHT

100

90

80

70

60

50

40

30

20

10

0

1000

500

250

125

63

31.5

15.75

7.75

4.75

2.5

1.18

0.6

0.25

0.1

0.075

0.05

0.0375

0.025

0.01875

0.0125

0.00875

0.00625

0.004375

0.003125

0.0021875

0.0015625

0.00109375

0.00078125

0.000546875

0.000390625

0.0002734375

0.000192875

0.00013671875

0.00009609375

0.0000673828125

0.0000478515625

0.00003359375

0.000023953125

0.0000171875

0.0000121875

0.00000859375

0.000006015625

0.000004296875

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Sediment Analysis Data Sheet

Sample A-25-14.0

Sieve	Size (mm)	Phi size	Wt	Wt %	Cuml %	Folk	Statistics phi	mm
	16.00	-4.00	0.00	0.00	0.00			
	11.31	-3.50	0.00	0.00	0.00			
	8.00	-3.00	0.00	0.00	0.00			
	5.66	-2.50	0.11	0.34	0.34	5% :	1.36	0.39
5	4.00	-2.00	0.23	0.71	1.05	16% :	2.00	0.25
7	2.83	-1.50	0.21	0.65	1.70	25% :	2.11	0.23
10	2.00	-1.00	0.09	0.27	1.97	50% :	2.42	0.19
14	1.41	-0.50	0.08	0.26	2.23	75% :	2.74	0.15
18	1.00	0.00	0.08	0.26	2.49	84% :	2.86	0.14
25	0.71	0.50	0.13	0.43	2.91	95% :	3.01	0.12
35	0.50	1.00	0.23	0.73	3.64			
45	0.35	1.50	0.60	1.90	5.54	Med.	2.42	0.19
60	0.25	2.00	3.18	10.08	15.63	Mean	2.43	0.19
80	0.18	2.50	13.02	41.30	56.93	St Dev.	0.46	
120	0.13	3.00	11.99	38.02	94.95	Skew	-0.13	
170	0.09	3.50	1.33	4.22	99.17	Kurt.	1.08	
200	0.07	3.75	0.06	0.19	99.36			
Pan			0.01	0.04	99.40			
Total			31.34	99.40	99.40			
						Moment Statistics		
							Phi	mm
Cu =	1.56		Gravel		1 %	Mean	2.30	0.20
			Coarse	Sand	1 %	St. Dev.	0.79	0.58
			Med.	Sand	3 %	Skewness	-3.65	
Cc =	0.92		Fine	Sand	95 %	Kurtosis	20.40	

SEA, INC.

