

ENG FORM 1838 PREVIOUS EDITIONS ARE OBSOLETE.
MAR 71

Sediment Analysis Data Sheet

Sample DCV-2-1.0

Sieve	Size (mm)	Phi size	Wt	Wt %	Cuml %	Folk	Statistics	
							phi	mm
5/8	16.00	-4.00	0.00	0.00	0.00			
1/2	11.31	-3.50	8.43	17.35	17.35			
5/16	8.00	-3.00	3.75	7.71	25.06			
1/4	5.66	-2.50	2.76	5.68	30.74			
5	4.00	-2.00	2.43	5.01	35.75	5% :	-3.86	14.48
7	2.83	-1.50	2.60	5.35	41.10	16% :	-3.54	11.62
10	2.00	-1.00	1.64	3.38	44.48	25% :	-3.00	8.02
14	1.41	-0.50	1.67	3.44	47.92	50% :	-0.18	1.14
18	1.00	0.00	1.59	3.27	51.20	75% :	1.89	0.27
25	0.71	0.50	2.44	5.02	56.22	84% :	2.53	0.17
35	0.50	1.00	3.06	6.30	62.51	95% :	3.86	0.07
45	0.35	1.50	3.43	7.06	69.57	Med.	-0.18	1.14
60	0.25	2.00	3.37	6.94	76.52	Mean	-0.40	1.32
80	0.18	2.50	3.48	7.15	83.67	St Dev.	2.69	
120	0.13	3.00	3.09	6.36	90.03	Skew	-0.03	
170	0.09	3.50	1.69	3.47	93.50	Kurt.	0.65	
200	0.07	3.75	0.44	0.90	94.40			
230	0.06	4.00	0.40	0.83	95.23			
Pan			0.52	1.07	96.30			
Total			46.79	96.30	96.30			
						Moment	Statistics	
							Phi	mm
Cu =	24.26	Gravel			33	%	Mean	-0.46
		Coarse Sand			11	%	St. Dev.	2.53
		ed. Sand			22	%	Skewness	0.01
Cc =	0.32	Fine Sand			29	%	Kurtosis	1.44
		Silt/Clay			5	%		

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Sample DCV-2-5.0

Sieve	Size (mm)	Phi size	Wt	Wt %	Cuml %	Folk	Statistics phi	mm
5/8	16.00	-4.00	5.45	10.95	10.95			
1/2	11.31	-3.50	3.79	7.63	18.58			
5/16	8.00	-3.00	3.19	6.42	25.00			
1/4	5.66	-2.50	0.99	2.00	27.00	5% :	-4.30	19.70
5	4.00	-2.00	0.89	1.79	28.79	16% :	-3.67	12.72
7	2.83	-1.50	0.84	1.69	30.48	25% :	-3.00	8.00
10	2.00	-1.00	1.10	2.21	32.68	50% :	0.66	0.63
14	1.41	-0.50	1.94	3.91	36.59	75% :	2.29	0.20
18	1.00	0.00	2.22	4.46	41.05	84% :	3.00	0.13
25	0.71	0.50	3.26	6.56	47.61	95% :	4.30	0.05
35	0.50	1.00	3.75	7.55	55.16			
45	0.35	1.50	3.80	7.64	62.80	Med.	0.66	0.63
60	0.25	2.00	3.81	7.67	70.47	Mean	-0.01	1.00
80	0.18	2.50	3.82	7.69	78.16	St Dev.	2.97	
120	0.13	3.00	2.93	5.90	84.06	Skew	-0.23	
170	0.09	3.50	1.88	3.77	87.83	Kurt.	0.67	
200	0.07	3.75	0.67	1.35	89.18			
230	0.06	4.00	0.58	1.16	90.34			
Pan			0.98	1.96	92.30			
Total			45.89	92.30	92.30			
						Moment	Statistics	
Cu =	0.72	Gravel			28 %	Mean	Phi	mm
		Coarse Sand			5 %	St. Dev.	-0.18	1.13
		ed. Sand			26 %	Skewness	2.65	0.16
Cc =	0.04	Fine Sand			31 %	Kurtosis	-0.35	
		Silt/Clay			10 %		1.59	

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