

SAMPLE STATISTICS

SIEVING ERROR: 0.0%	VIBRACORE	SIEVE INTERVAL $\frac{1}{2} \phi$
SAMPLE IDENTITY: SR-55-100	ANALYST & DATE:	
SAMPLE TYPE: Bimodal, Moderately Sorted	TEXTURAL GROUP: Slightly Gravelly Sand	
SEDIMENT NAME: Slightly Very Fine Gravelly Fine Sand		

			GRAIN SIZE DISTRIBUTION			
	μm	ϕ				
MODE 1:	215.0	2.237	GRAVEL:	0.0%	COARSE SAND:	10.7%
MODE 2:	107.5	3.237	SAND:	98.7%	MEDIUM SAND:	31.0%
MODE 3:			MUD:	1.3%	FINE SAND:	34.6%
D ₁₀ :	95.56	0.936			V FINE SAND:	22.0%
MEDIAN or D ₅₀ :	217.7	2.199	V COARSE GRAVEL:	0.0%	V COARSE SILT:	0.2%
D ₉₀ :	522.8	3.387	COARSE GRAVEL:	0.0%	COARSE SILT:	0.2%
(D ₉₀ / D ₁₀):	5.471	3.620	MEDIUM GRAVEL:	0.0%	MEDIUM SILT:	0.2%
(D ₉₀ - D ₁₀):	427.2	2.452	FINE GRAVEL:	0.0%	FINE SILT:	0.2%
(D ₇₅ / D ₂₅):	2.779	2.005	V FINE GRAVEL:	0.0%	V FINE SILT:	0.2%
(D ₇₅ - D ₂₅):	231.5	1.475	V COARSE SAND:	0.3%	CLAY:	0.2%

	METHOD OF MOMENTS			FOLK & WARD METHOD		
	Arithmetic	Geometric	Logarithmic	Geometric	Logarithmic	Description
	μm	μm	ϕ	μm	ϕ	
MEAN :	273.902236	214.6	2.220	218.9	2.192	Fine Sand
SORTING:	187.62717	2.069	1.049	1.956	0.968	Moderately Sorted
SKEWNESS:	1.91270479	-0.974	0.974	0.021	-0.021	Symmetrical
KURTOSIS:	11.7461127	6.722	6.722	0.837	0.837	Platykurtic

