

SAMPLE STATISTICS

SIEVING ERROR: 0.0%	VIBRACORE	SIEVE INTERVAL $\frac{1}{2} \phi$
SAMPLE IDENTITY: SR-10-180	ANALYST & DATE:	
SAMPLE TYPE: Unimodal, Moderately Sorted	TEXTURAL GROUP: Slightly Gravelly Sand	
SEDIMENT NAME: Slightly Very Fine Gravelly Fine Sand		

		μm	ϕ	GRAIN SIZE DISTRIBUTION			
MODE 1:		215.0	2.237	GRAVEL:	1.3%	COARSE SAND:	5.6%
MODE 2:				SAND:	98.6%	MEDIUM SAND:	38.7%
MODE 3:				MUD:	0.1%	FINE SAND:	47.6%
D ₁₀ :		139.4	1.082			V FINE SAND:	5.2%
MEDIAN or D ₅₀ :		242.7	2.043	V COARSE GRAVEL:	0.0%	V COARSE SILT:	0.0%
D ₉₀ :		472.5	2.843	COARSE GRAVEL:	0.0%	COARSE SILT:	0.0%
(D ₉₀ / D ₁₀):		3.390	2.628	MEDIUM GRAVEL:	0.0%	MEDIUM SILT:	0.0%
(D ₉₀ - D ₁₀):		333.1	1.761	FINE GRAVEL:	0.4%	FINE SILT:	0.0%
(D ₇₅ / D ₂₅):		1.743	1.496	V FINE GRAVEL:	0.9%	V FINE SILT:	0.0%
(D ₇₅ - D ₂₅):		139.2	0.801	V COARSE SAND:	1.5%	CLAY:	0.0%

	METHOD OF MOMENTS			FOLK & WARD METHOD		
	Arithmetic	Geometric	Logarithmic	Geometric	Logarithmic	Description
	μm	μm	ϕ	μm	ϕ	
MEAN :	334.0	259.2	1.948	245.8	2.025	Fine Sand
SORTING :	426.4	1.776	0.829	1.636	0.710	Moderately Sorted
SKEWNESS :	7.090	1.309	-1.309	0.146	-0.146	Coarse Skewed
KURTOSIS :	64.12	9.151	9.151	1.338	1.338	Leptokurtic

