

SAMPLE STATISTICS

SIEVING ERROR: 0.0%	VIBRACORE	SIEVE INTERVAL $\frac{1}{2} \phi$
SAMPLE IDENTITY: SR-5-180	ANALYST & DATE:	
SAMPLE TYPE: Unimodal, Moderately Well Sorted	TEXTURAL GROUP: Slightly Gravelly Sand	
SEDIMENT NAME: Slightly Fine Gravelly Fine Sand		

			GRAIN SIZE DISTRIBUTION			
	μm	ϕ				
MODE 1:	215.0	2.237	GRAVEL:	0.3%	COARSE SAND:	3.1%
MODE 2:			SAND:	99.6%	MEDIUM SAND:	28.9%
MODE 3:			MUD:	0.1%	FINE SAND:	61.8%
D ₁₀ :	136.6	1.391			V FINE SAND:	5.1%
MEDIAN or D ₅₀ :	218.8	2.192	V COARSE GRAVEL:	0.0%	V COARSE SILT:	0.0%
D ₉₀ :	381.4	2.872	COARSE GRAVEL:	0.0%	COARSE SILT:	0.0%
(D ₉₀ / D ₁₀):	2.791	2.065	MEDIUM GRAVEL:	0.0%	MEDIUM SILT:	0.0%
(D ₉₀ - D ₁₀):	244.8	1.481	FINE GRAVEL:	0.2%	FINE SILT:	0.0%
(D ₇₅ / D ₂₅):	1.586	1.368	V FINE GRAVEL:	0.1%	V FINE SILT:	0.0%
(D ₇₅ - D ₂₅):	105.3	0.666	V COARSE SAND:	0.8%	CLAY:	0.0%

			METHOD OF MOMENTS				FOLK & WARD METHOD	
	Arithmetic	Geometric	Logarithmic		Geometric	Logarithmic	Description	
	μm	μm	ϕ		μm	ϕ		
MEAN :	264.8	228.3	2.131		222.5	2.168	Fine Sand	
SORTING :	250.4	1.566	0.647		1.490	0.575	Moderately Well Sorted	
SKEWNESS :	11.56	1.074	-1.074		0.113	-0.113	Coarse Skewed	
KURTOSIS :	187.1	10.81	10.81		1.204	1.204	Leptokurtic	

GRAIN SIZE DISTRIBUTION

