

SAMPLE STATISTICS

SIEVING ERROR: 0.0%	VIBRACORE	SIEVE INTERVAL $\frac{1}{2} \phi$
SAMPLE IDENTITY: SR-8-180		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:	3.1%	COARSE SAND:	2.8%
MODE 2:				SAND:	96.8%	MEDIUM SAND:	22.3%
MODE 3:				MUD:	0.1%	FINE SAND:	64.8%
D ₁₀ :		133.3	1.242			V FINE SAND:	5.3%
MEDIAN or D ₅₀ :		210.7	2.247	V COARSE GRAVEL:	0.0%	V COARSE SILT:	0.0%
D ₉₀ :		422.8	2.907	COARSE GRAVEL:	0.0%	COARSE SILT:	0.0%
(D ₉₀ / D ₁₀):		3.172	2.341	MEDIUM GRAVEL:	0.0%	MEDIUM SILT:	0.0%
(D ₉₀ - D ₁₀):		289.5	1.665	FINE GRAVEL:	1.3%	FINE SILT:	0.0%
(D ₇₅ / D ₂₅):		1.677	1.401	V FINE GRAVEL:	1.8%	V FINE SILT:	0.0%
(D ₇₅ - D ₂₅):		111.4	0.746	V COARSE SAND:	1.6%	CLAY:	0.0%

	METHOD OF MOMENTS			FOLK & WARD METHOD		
	Arithmetic	Geometric	Logarithmic	Geometric	Logarithmic	Description
	μm	μm	ϕ	μm	ϕ	
MEAN :	355.2	236.6	2.080	216.3	2.209	Fine Sand
SORTING :	635.7	1.935	0.953	1.661	0.732	Moderately Sorted
SKEWNESS :	5.528	2.212	-2.212	0.272	-0.272	Coarse Skewed
KURTOSIS :	35.40	10.86	10.86	1.572	1.572	Very Leptokurtic

GRAIN SIZE DISTRIBUTION

