

SAMPLE STATISTICS

SIEVING ERROR: 0.0%	VIBRACORE	SIEVE INTERVAL $\frac{1}{2} \phi$
SAMPLE IDENTITY: SR-4-230	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:	96.6%	MEDIUM SAND: 15.0%
MODE 3:				MUD:	0.3%	FINE SAND: 66.5%
D ₁₀ :		121.1	1.334			V FINE SAND: 10.7%
MEDIAN or D ₅₀ :		191.2	2.387	V COARSE GRAVEL:	0.0%	V COARSE SILT: 0.0%
D ₉₀ :		396.7	3.046	COARSE GRAVEL:	0.0%	COARSE SILT: 0.0%
(D ₉₀ / D ₁₀):		3.277	2.284	MEDIUM GRAVEL:	0.0%	MEDIUM SILT: 0.0%
(D ₉₀ - D ₁₀):		275.7	1.712	FINE GRAVEL:	1.6%	FINE SILT: 0.0%
(D ₇₅ / D ₂₅):		1.670	1.364	V FINE GRAVEL:	1.6%	V FINE SILT: 0.0%
(D ₇₅ - D ₂₅):		97.92	0.740	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 :	344.5	215.1	2.217	197.8	2.338	Fine Sand
SORTING :	677.8	2.029	1.021	1.707	0.771	Moderately Sorted
SKEWNESS :	5.393	2.042	-2.042	0.270	-0.270	Coarse Skewed
KURTOSIS :	32.99	10.89	10.89	1.713	1.713	Very Leptokurtic

GRAIN SIZE DISTRIBUTION

