

SAMPLE STATISTICS

SIEVING ERROR: 0.0%	VIBRACORE	SIEVE INTERVAL $\frac{1}{2} \phi$
SAMPLE IDENTITY: SR-28-100	ANALYST & DATE:	
SAMPLE TYPE: Unimodal, Well Sorted	TEXTURAL GROUP: Slightly Gravelly Sand	
SEDIMENT NAME: Slightly Very Fine Gravelly Medium Sand		

		μm	ϕ	GRAIN SIZE DISTRIBUTION			
MODE 1:		215.0	2.237	GRAVEL:	0.2%	COARSE SAND:	3.9%
MODE 2:				SAND:	99.7%	MEDIUM SAND:	48.6%
MODE 3:				MUD:	0.0%	FINE SAND:	45.0%
D ₁₀ :		179.5	1.226			V FINE SAND:	1.7%
MEDIAN or D ₅₀ :		257.8	1.955	V COARSE GRAVEL:	0.0%	V COARSE SILT:	0.0%
D ₉₀ :		427.4	2.478	COARSE GRAVEL:	0.0%	COARSE SILT:	0.0%
(D ₉₀ / D ₁₀):		2.381	2.021	MEDIUM GRAVEL:	0.0%	MEDIUM SILT:	0.0%
(D ₉₀ - D ₁₀):		247.9	1.251	FINE GRAVEL:	0.1%	FINE SILT:	0.0%
(D ₇₅ / D ₂₅):		1.589	1.414	V FINE GRAVEL:	0.2%	V FINE SILT:	0.0%
(D ₇₅ - D ₂₅):		121.1	0.668	V COARSE SAND:	0.5%	CLAY:	0.0%

	METHOD OF MOMENTS			FOLK & WARD METHOD		
	Arithmetic	Geometric	Logarithmic	Geometric	Logarithmic	Description
	μm	μm	ϕ	μm	ϕ	
MEAN :	295.576221	264.8	1.917	259.8	1.945	Medium Sand
SORTING:	212.565977	1.481	0.566	1.413	0.499	Well Sorted
SKEWNESS:	11.840023	0.850	-0.850	0.046	-0.046	Symmetrical
KURTOSIS:	214.124782	10.72	10.72	1.093	1.093	Mesokurtic

GRAIN SIZE DISTRIBUTION

