

SAMPLE STATISTICS

SIEVING ERROR: 0.0%	VIBRACORE	SIEVE INTERVAL $\frac{1}{2} \phi$
SAMPLE IDENTITY: SR-58-250	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:	1.1%	COARSE SAND:	9.6%
MODE 2:			SAND:	98.5%	MEDIUM SAND:	37.3%
MODE 3:			MUD:	0.5%	FINE SAND:	45.4%
D ₁₀ :	143.4	0.874			V FINE SAND:	5.0%
MEDIAN or D ₅₀ :	247.9	2.012	V COARSE GRAVEL:	0.0%	V COARSE SILT:	0.1%
D ₉₀ :	545.5	2.802	COARSE GRAVEL:	0.0%	COARSE SILT:	0.1%
(D ₉₀ / D ₁₀):	3.803	3.204	MEDIUM GRAVEL:	0.0%	MEDIUM SILT:	0.1%
(D ₉₀ - D ₁₀):	402.1	1.927	FINE GRAVEL:	0.2%	FINE SILT:	0.1%
(D ₇₅ / D ₂₅):	1.813	1.569	V FINE GRAVEL:	0.9%	V FINE SILT:	0.1%
(D ₇₅ - D ₂₅):	157.6	0.859	V COARSE SAND:	1.1%	CLAY:	0.1%

	METHOD OF MOMENTS			FOLK & WARD METHOD		
	Arithmetic	Geometric	Logarithmic	Geometric	Logarithmic	Description
	μm	μm	ϕ	μm	ϕ	
MEAN :	338.274669	267.1	1.905	266.9	1.906	Medium Sand
SORTING:	371.80649	1.838	0.878	1.656	0.728	Moderately Sorted
SKEWNESS:	7.04003181	0.046	-0.046	0.202	-0.202	Coarse Skewed
KURTOSIS:	67.4554984	9.957	9.957	1.210	1.210	Leptokurtic

GRAIN SIZE DISTRIBUTION

