

SAMPLE STATISTICS

SIEVING ERROR: 0.0%	VIBRACORE	SIEVE INTERVAL $\frac{1}{2} \phi$
SAMPLE IDENTITY: SR-59-100	ANALYST & DATE:	
SAMPLE TYPE: Unimodal, Moderately Well Sorted	TEXTURAL GROUP: Slightly Gravelly Sand	
SEDIMENT NAME: Slightly Very Fine Gravelly Medium Sand		

			GRAIN SIZE DISTRIBUTION			
	μm	ϕ				
MODE 1:	302.5	1.747	GRAVEL:	0.0%	COARSE SAND:	4.2%
MODE 2:			SAND:	99.9%	MEDIUM SAND:	53.1%
MODE 3:			MUD:	0.1%	FINE SAND:	38.0%
D ₁₀ :	180.9	1.195			V FINE SAND:	4.2%
MEDIAN or D ₅₀ :	267.8	1.901	V COARSE GRAVEL:	0.0%	V COARSE SILT:	0.0%
D ₉₀ :	436.9	2.467	COARSE GRAVEL:	0.0%	COARSE SILT:	0.0%
(D ₉₀ / D ₁₀):	2.416	2.065	MEDIUM GRAVEL:	0.0%	MEDIUM SILT:	0.0%
(D ₉₀ - D ₁₀):	256.1	1.272	FINE GRAVEL:	0.0%	FINE SILT:	0.0%
(D ₇₅ / D ₂₅):	1.591	1.424	V FINE GRAVEL:	0.0%	V FINE SILT:	0.0%
(D ₇₅ - D ₂₅):	124.2	0.670	V COARSE SAND:	0.4%	CLAY:	0.0%

METHOD OF MOMENTS				FOLK & WARD METHOD		
	Arithmetic	Geometric	Logarithmic	Geometric	Logarithmic	Description
	μm	μm	ϕ	μm	ϕ	
MEAN :	292.931342	267.1	1.905	268.4	1.897	Medium Sand
SORTING:	128.951036	1.484	0.569	1.446	0.532	Moderately Well Sorted
SKEWNESS:	2.9539633	-0.402	0.402	-0.031	0.031	Symmetrical
KURTOSIS:	22.2498356	8.602	8.602	1.169	1.169	Leptokurtic

