

SAMPLE STATISTICS

SIEVING ERROR: 0.0%	VIBRACORE	SIEVE INTERVAL $\frac{1}{2} \phi$
SAMPLE IDENTITY: SR-47-300	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:	1.5%
MODE 2:			SAND:	97.1%	MEDIUM SAND:	59.7%
MODE 3:			MUD:	2.9%	FINE SAND:	28.2%
D ₁₀ :	116.6	1.399			V FINE SAND:	7.6%
MEDIAN or D ₅₀ :	270.9	1.884	V COARSE GRAVEL:	0.0%	V COARSE SILT:	0.5%
D ₉₀ :	379.2	3.101	COARSE GRAVEL:	0.0%	COARSE SILT:	0.5%
(D ₉₀ / D ₁₀):	3.253	2.217	MEDIUM GRAVEL:	0.0%	MEDIUM SILT:	0.5%
(D ₉₀ - D ₁₀):	262.7	1.702	FINE GRAVEL:	0.0%	FINE SILT:	0.5%
(D ₇₅ / D ₂₅):	1.555	1.391	V FINE GRAVEL:	0.0%	V FINE SILT:	0.5%
(D ₇₅ - D ₂₅):	115.5	0.637	V COARSE SAND:	0.1%	CLAY:	0.5%

METHOD OF MOMENTS				FOLK & WARD METHOD		
	Arithmetic	Geometric	Logarithmic	Geometric	Logarithmic	Description
	μm	μm	ϕ	μm	ϕ	
MEAN :	270.314862	229.1	2.126	258.4	1.952	Medium Sand
SORTING:	112.090222	2.043	1.031	1.541	0.623	Moderately Well Sorted
SKEWNESS:	2.75878564	-3.168	3.168	-0.338	0.338	Very Fine Skewed
KURTOSIS:	49.6048174	15.07	15.07	1.689	1.689	Very Leptokurtic

