

SAMPLE STATISTICS

SIEVING ERROR: 0.0%	VIBRACORE	SIEVE INTERVAL $\frac{1}{2} \phi$
SAMPLE IDENTITY: SR-47-100	ANALYST & DATE:	
SAMPLE TYPE: Trimodal, Poorly Sorted	TEXTURAL GROUP: Slightly Gravelly Sand	
SEDIMENT NAME: Slightly Fine Gravelly Fine Sand		

	μm	ϕ	GRAIN SIZE DISTRIBUTION			
MODE 1:	107.5	3.237	GRAVEL:	4.6%	COARSE SAND:	2.9%
MODE 2:	215.0	2.237	SAND:	93.6%	MEDIUM SAND:	14.5%
MODE 3:	4800.0	-2.243	MUD:	1.8%	FINE SAND:	43.9%
D ₁₀ :	91.01	1.158			V FINE SAND:	31.0%
MEDIAN or D ₅₀ :	164.9	2.600	V COARSE GRAVEL:	0.0%	V COARSE SILT:	0.3%
D ₉₀ :	448.0	3.458	COARSE GRAVEL:	0.0%	COARSE SILT:	0.3%
(D ₉₀ / D ₁₀):	4.923	2.985	MEDIUM GRAVEL:	0.0%	MEDIUM SILT:	0.3%
(D ₉₀ - D ₁₀):	357.0	2.299	FINE GRAVEL:	3.9%	FINE SILT:	0.3%
(D ₇₅ / D ₂₅):	2.171	1.549	V FINE GRAVEL:	0.7%	V FINE SILT:	0.3%
(D ₇₅ - D ₂₅):	131.3	1.119	V COARSE SAND:	1.3%	CLAY:	0.3%

	METHOD OF MOMENTS			FOLK & WARD METHOD		
	Arithmetic	Geometric	Logarithmic	Geometric	Logarithmic	Description
	μm	μm	ϕ	μm	ϕ	
MEAN :	407.959806	188.5	2.408	172.9	2.532	Fine Sand
SORTING:	936.363478	2.642	1.402	2.127	1.089	Poorly Sorted
SKEWNESS:	4.20511602	1.058	-1.058	0.297	-0.297	Coarse Skewed
KURTOSIS:	19.4715914	7.713	7.713	1.618	1.618	Very Leptokurtic

