

SAMPLE STATISTICS

SIEVING ERROR: 0.0%	VIBRACORE	SIEVE INTERVAL ½ φ
SAMPLE IDENTITY: SR-58-100	ANALYST & DATE:	
SAMPLE TYPE: Bimodal, Poorly 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:	2.0%	COARSE SAND:	8.6%
MODE 2:	107.5	3.237	SAND:	96.9%	MEDIUM SAND:	21.4%
MODE 3:			MUD:	1.1%	FINE SAND:	41.9%
D ₁₀ :	95.19	0.797			V FINE SAND:	23.2%
MEDIAN or D ₅₀ :	205.3	2.284	V COARSE GRAVEL:	0.0%	V COARSE SILT:	0.2%
D ₉₀ :	575.7	3.393	COARSE GRAVEL:	0.0%	COARSE SILT:	0.2%
(D ₉₀ / D ₁₀):	6.048	4.259	MEDIUM GRAVEL:	0.0%	MEDIUM SILT:	0.2%
(D ₉₀ - D ₁₀):	480.5	2.596	FINE GRAVEL:	0.9%	FINE SILT:	0.2%
(D ₇₅ / D ₂₅):	2.435	1.759	V FINE GRAVEL:	1.1%	V FINE SILT:	0.2%
(D ₇₅ - D ₂₅):	182.5	1.284	V COARSE SAND:	1.8%	CLAY:	0.2%

	METHOD OF MOMENTS			FOLK & WARD METHOD		
	Arithmetic	Geometric	Logarithmic	Geometric	Logarithmic	Description
	μm	μm	φ	μm	φ	
MEAN :	338.248469	215.6	2.214	209.4	2.256	Fine Sand
SORTING:	566.704869	2.271	1.183	2.018	1.013	Poorly Sorted
SKEWNESS:	5.92558713	0.362	-0.362	0.123	-0.123	Coarse Skewed
KURTOSIS:	42.5995282	7.024	7.024	1.095	1.095	Mesokurtic

