

SAMPLE STATISTICS

SIEVING ERROR:	0.0%	VIBRACORE
SAMPLE IDENTITY:	SR-45-300	SIEVE INTERVAL ½ ϕ
SAMPLE TYPE:	Unimodal, Moderately Well Sorted	ANALYST & DATE:
SEDIMENT NAME:	Slightly Very Fine Gravelly Fine Sand	TEXTURAL GROUP: Slightly Gravelly Sand

			GRAIN SIZE DISTRIBUTION			
	μm	ϕ				
MODE 1:	215.0	2.237	GRAVEL:	1.8%	COARSE SAND:	2.7%
MODE 2:			SAND:	98.1%	MEDIUM SAND:	22.7%
MODE 3:			MUD:	0.1%	FINE SAND:	67.3%
D ₁₀ :	135.4	1.432			V FINE SAND:	4.5%
MEDIAN or D ₅₀ :	211.0	2.244	V COARSE GRAVEL:	0.0%	V COARSE SILT:	0.0%
D ₉₀ :	370.6	2.885	COARSE GRAVEL:	0.0%	COARSE SILT:	0.0%
(D ₉₀ / D ₁₀):	2.737	2.014	MEDIUM GRAVEL:	0.0%	MEDIUM SILT:	0.0%
(D ₉₀ - D ₁₀):	235.2	1.453	FINE GRAVEL:	0.8%	FINE SILT:	0.0%
(D ₇₅ / D ₂₅):	1.579	1.345	V FINE GRAVEL:	1.0%	V FINE SILT:	0.0%
(D ₇₅ - D ₂₅):	97.66	0.659	V COARSE SAND:	0.9%	CLAY:	0.0%

	METHOD OF MOMENTS			FOLK & WARD METHOD		
	Arithmetic	Geometric	Logarithmic	Geometric	Logarithmic	Description
	μm	μm	ϕ	μm	ϕ	
MEAN :	307.680958	228.2	2.132	215.1	2.217	Fine Sand
SORTING:	508.016241	1.750	0.807	1.510	0.595	Moderately Well Sorted
SKEWNESS:	7.11780381	2.369	-2.369	0.181	-0.181	Coarse Skewed
KURTOSIS:	58.0255534	13.89	13.89	1.302	1.302	Leptokurtic

GRAIN SIZE DISTRIBUTION

