

SAMPLE STATISTICS

SIEVING ERROR:	0.0%	VIBRACORE
SAMPLE IDENTITY:	SR-45-400	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:	2.1%	COARSE SAND:	1.7%
MODE 2:			SAND:	97.2%	MEDIUM SAND:	14.5%
MODE 3:			MUD:	0.8%	FINE SAND:	63.3%
D ₁₀ :	104.6	1.584			V FINE SAND:	16.6%
MEDIAN or D ₅₀ :	184.5	2.439	V COARSE GRAVEL:	0.0%	V COARSE SILT:	0.1%
D ₉₀ :	333.6	3.258	COARSE GRAVEL:	0.0%	COARSE SILT:	0.1%
(D ₉₀ / D ₁₀):	3.191	2.057	MEDIUM GRAVEL:	0.0%	MEDIUM SILT:	0.1%
(D ₉₀ - D ₁₀):	229.1	1.674	FINE GRAVEL:	0.8%	FINE SILT:	0.1%
(D ₇₅ / D ₂₅):	1.724	1.377	V FINE GRAVEL:	1.3%	V FINE SILT:	0.1%
(D ₇₅ - D ₂₅):	99.23	0.785	V COARSE SAND:	1.1%	CLAY:	0.1%

	METHOD OF MOMENTS			FOLK & WARD METHOD		
	Arithmetic	Geometric	Logarithmic	Geometric	Logarithmic	Description
	µm	µm	ϕ	µm	ϕ	
MEAN :	283.109401	192.2	2.379	183.6	2.446	Fine Sand
SORTING:	528.383976	1.964	0.974	1.584	0.664	Moderately Well Sorted
SKEWNESS:	6.71144732	1.097	-1.097	0.078	-0.078	Symmetrical
KURTOSIS:	51.7074607	12.32	12.32	1.257	1.257	Leptokurtic

