

SAMPLE STATISTICS

SIEVING ERROR: 0.0%

VIBRACORE

SIEVE INTERVAL ½ ϕ

SAMPLE IDENTITY: **SR-43-250**

ANALYST & DATE:

SAMPLE TYPE: Unimodal, Moderately Well Sorted

TEXTURAL GROUP: Slightly Gravelly Sand

SEDIMENT NAME: Slightly Fine Gravelly Very Fine Sand

	μm	ϕ	GRAIN SIZE DISTRIBUTION			
MODE 1:	107.5	3.237	GRAVEL:	3.0%	COARSE SAND:	0.7%
MODE 2:			SAND:	95.3%	MEDIUM SAND:	5.1%
MODE 3:			MUD:	1.7%	FINE SAND:	36.9%
D ₁₀ :	81.93	2.028			V FINE SAND:	52.0%
MEDIAN or D ₅₀ :	121.4	3.042	V COARSE GRAVEL:	0.0%	V COARSE SILT:	0.3%
D ₉₀ :	245.2	3.609	COARSE GRAVEL:	0.0%	COARSE SILT:	0.3%
(D ₉₀ / D ₁₀):	2.993	1.780	MEDIUM GRAVEL:	0.0%	MEDIUM SILT:	0.3%
(D ₉₀ - D ₁₀):	163.3	1.582	FINE GRAVEL:	2.7%	FINE SILT:	0.3%
(D ₇₅ / D ₂₅):	1.662	1.282	V FINE GRAVEL:	0.3%	V FINE SILT:	0.3%
(D ₇₅ - D ₂₅):	65.67	0.733	V COARSE SAND:	0.7%	CLAY:	0.3%

	METHOD OF MOMENTS			FOLK & WARD METHOD		
	Arithmetic	Geometric	Logarithmic	Geometric	Logarithmic	Description
	μm	μm	ϕ	μm	ϕ	
MEAN :	284.611202	139.7	2.840	129.9	2.945	Fine Sand
SORTING:	778.836045	2.285	1.192	1.573	0.653	Moderately Well Sorted
SKEWNESS:	5.39438446	1.744	-1.744	0.320	-0.320	Very Coarse Skewed
KURTOSIS:	30.9238568	12.57	12.57	1.410	1.410	Leptokurtic

GRAIN SIZE DISTRIBUTION

