

SAMPLE STATISTICS

SIEVING ERROR: 0.0%

VIBRACORE

SIEVE INTERVAL $\frac{1}{2} \phi$

SAMPLE IDENTITY: **SR-43-100**

ANALYST & DATE:

SAMPLE TYPE: Unimodal, Poorly Sorted

TEXTURAL GROUP: Gravelly Sand

SEDIMENT NAME: Very Fine Gravelly Fine Sand

	μm	ϕ	GRAIN SIZE DISTRIBUTION			
MODE 1:	215.0	2.237	GRAVEL:	5.6%	COARSE SAND:	7.8%
MODE 2:			SAND:	94.3%	MEDIUM SAND:	28.6%
MODE 3:			MUD:	0.1%	FINE SAND:	50.8%
D ₁₀ :	137.2	0.507			V FINE SAND:	4.9%
MEDIAN or D ₅₀ :	235.2	2.088	V COARSE GRAVEL:	0.0%	V COARSE SILT:	0.0%
D ₉₀ :	703.8	2.866	COARSE GRAVEL:	0.0%	COARSE SILT:	0.0%
(D ₉₀ / D ₁₀):	5.130	5.655	MEDIUM GRAVEL:	0.0%	MEDIUM SILT:	0.0%
(D ₉₀ - D ₁₀):	566.6	2.359	FINE GRAVEL:	2.4%	FINE SILT:	0.0%
(D ₇₅ / D ₂₅):	1.954	1.645	V FINE GRAVEL:	3.2%	V FINE SILT:	0.0%
(D ₇₅ - D ₂₅):	172.7	0.967	V COARSE SAND:	2.2%	CLAY:	0.0%

	METHOD OF MOMENTS			FOLK & WARD METHOD		
	Arithmetic	Geometric	Logarithmic	Geometric	Logarithmic	Description
	μm	μm	ϕ	μm	ϕ	
MEAN :	491.787312	289.0	1.791	260.9	1.939	Medium Sand
SORTING:	851.616074	2.243	1.165	2.078	1.055	Poorly Sorted
SKEWNESS:	3.93516251	1.688	-1.688	0.415	-0.415	Very Coarse Skewed
KURTOSIS:	18.3453815	6.551	6.551	1.778	1.778	Very Leptokurtic

