

SAMPLE STATISTICS

SIEVING ERROR: 0.0%

VIBRACORE

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

SAMPLE IDENTITY: **SR-41-200**

ANALYST & DATE:

SAMPLE TYPE: Unimodal, Moderately Well Sorted

TEXTURAL GROUP: Slightly Gravelly Sand

SEDIMENT NAME: Slightly Fine Gravelly Fine Sand

	μm	ϕ	GRAIN SIZE DISTRIBUTION			
MODE 1:	215.0	2.237	GRAVEL:	2.4%	COARSE SAND:	3.2%
MODE 2:			SAND:	97.5%	MEDIUM SAND:	39.3%
MODE 3:			MUD:	0.0%	FINE SAND:	52.4%
D ₁₀ :	173.2	1.222			V FINE SAND:	1.8%
MEDIAN or D ₅₀ :	242.2	2.046	V COARSE GRAVEL:	0.0%	V COARSE SILT:	0.0%
D ₉₀ :	428.7	2.530	COARSE GRAVEL:	0.0%	COARSE SILT:	0.0%
(D ₉₀ / D ₁₀):	2.475	2.070	MEDIUM GRAVEL:	0.0%	MEDIUM SILT:	0.0%
(D ₉₀ - D ₁₀):	255.5	1.308	FINE GRAVEL:	1.5%	FINE SILT:	0.0%
(D ₇₅ / D ₂₅):	1.573	1.392	V FINE GRAVEL:	1.0%	V FINE SILT:	0.0%
(D ₇₅ - D ₂₅):	114.8	0.654	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 :	371.245694	269.3	1.893	250.8	1.996	Medium Sand
SORTING:	624.294713	1.761	0.816	1.461	0.547	Moderately Well Sorted
SKEWNESS:	6.08279675	2.760	-2.760	0.222	-0.222	Coarse Skewed
KURTOSIS:	40.8794225	14.46	14.46	1.337	1.337	Leptokurtic

