

SAMPLE STATISTICS

SIEVING ERROR: 0.0%

VIBRACORE

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

SAMPLE IDENTITY: **SR-56-170**

ANALYST & DATE:

SAMPLE TYPE: Bimodal, Poorly Sorted

TEXTURAL GROUP: Slightly Gravelly Sand

SEDIMENT NAME: Slightly Very Fine Gravelly Medium Sand

	μm	ϕ	GRAIN SIZE DISTRIBUTION			
MODE 1:	605.0	0.747	GRAVEL:	3.8%	COARSE SAND:	26.9%
MODE 2:	215.0	2.237	SAND:	95.9%	MEDIUM SAND:	32.1%
MODE 3:			MUD:	0.3%	FINE SAND:	21.6%
D ₁₀ :	175.7	-0.417			V FINE SAND:	3.6%
MEDIAN or D ₅₀ :	432.8	1.208	V COARSE GRAVEL:	0.0%	V COARSE SILT:	0.0%
D ₉₀ :	1334.9	2.509	COARSE GRAVEL:	0.0%	COARSE SILT:	0.0%
(D ₉₀ / D ₁₀):	7.598	-6.020	MEDIUM GRAVEL:	0.0%	MEDIUM SILT:	0.0%
(D ₉₀ - D ₁₀):	1159.2	2.926	FINE GRAVEL:	0.1%	FINE SILT:	0.0%
(D ₇₅ / D ₂₅):	2.788	3.773	V FINE GRAVEL:	3.7%	V FINE SILT:	0.0%
(D ₇₅ - D ₂₅):	443.1	1.479	V COARSE SAND:	11.8%	CLAY:	0.0%

	METHOD OF MOMENTS			FOLK & WARD METHOD		
	Arithmetic	Geometric	Logarithmic	Geometric	Logarithmic	Description
	μm	μm	ϕ	μm	ϕ	
MEAN :	619.964368	442.3	1.177	442.0	1.178	Medium Sand
SORTING:	585.10639	2.215	1.147	2.206	1.142	Poorly Sorted
SKEWNESS:	2.55163339	-0.014	0.014	0.072	-0.072	Symmetrical
KURTOSIS:	11.5186999	4.217	4.217	1.050	1.050	Mesokurtic

GRAIN SIZE DISTRIBUTION

