

SAMPLE STATISTICS

SIEVING ERROR: 0.0%

VIBRACORE

SIEVE INTERVAL ½ ϕ

SAMPLE IDENTITY: **SR-18-70**

ANALYST & DATE:

SAMPLE TYPE: Unimodal, Moderately Well Sorted

TEXTURAL GROUP: Slightly Gravelly Sand

SEDIMENT NAME: Slightly Very Fine Gravelly Fine Sand

	μm	ϕ	GRAIN SIZE DISTRIBUTION			
MODE 1:	215.0	2.237	GRAVEL:	1.4%	COARSE SAND:	5.4%
MODE 2:			SAND:	98.5%	MEDIUM SAND:	35.6%
MODE 3:			MUD:	0.1%	FINE SAND:	53.0%
D ₁₀ :	164.6	1.029			V FINE SAND:	1.9%
MEDIAN or D ₅₀ :	240.6	2.055	V COARSE GRAVEL:	0.0%	V COARSE SILT:	0.0%
D ₉₀ :	490.0	2.603	COARSE GRAVEL:	0.0%	COARSE SILT:	0.0%
(D ₉₀ / D ₁₀):	2.977	2.529	MEDIUM GRAVEL:	0.0%	MEDIUM SILT:	0.0%
(D ₉₀ - D ₁₀):	325.4	1.574	FINE GRAVEL:	0.1%	FINE SILT:	0.0%
(D ₇₅ / D ₂₅):	1.639	1.439	V FINE GRAVEL:	1.3%	V FINE SILT:	0.0%
(D ₇₅ - D ₂₅):	126.5	0.712	V COARSE SAND:	2.7%	CLAY:	0.0%

	METHOD OF MOMENTS			FOLK & WARD METHOD		
	Arithmetic	Geometric	Logarithmic	Geometric	Logarithmic	Description
	μm	μm	ϕ	μm	ϕ	
MEAN :	342.85227	271.4	1.882	258.1	1.954	Medium Sand
SORTING:	384.005013	1.731	0.791	1.582	0.662	Moderately Well Sorted
SKEWNESS:	5.6068449	1.644	-1.644	0.338	-0.338	Very Coarse Skewed
KURTOSIS:	42.9735729	8.917	8.917	1.501	1.501	Very Leptokurtic

