

SAMPLE STATISTICS

SIEVING ERROR: 0.0%	VIBRACORE	SIEVE INTERVAL $\frac{1}{2} \phi$
SAMPLE IDENTITY: SR-20-400	ANALYST & DATE:	
SAMPLE TYPE: Unimodal, Well Sorted	TEXTURAL GROUP: Slightly Gravelly Sand	
SEDIMENT NAME: Slightly Very Fine Gravelly Fine Sand		

			GRAIN SIZE DISTRIBUTION			
	μm	ϕ				
MODE 1:	215.0	2.237	GRAVEL:	0.1%	COARSE SAND:	0.8%
MODE 2:			SAND:	99.8%	MEDIUM SAND:	24.9%
MODE 3:			MUD:	0.1%	FINE SAND:	69.4%
D ₁₀ :	138.5	1.614			V FINE SAND:	4.4%
MEDIAN or D ₅₀ :	213.5	2.227	V COARSE GRAVEL:	0.0%	V COARSE SILT:	0.0%
D ₉₀ :	326.6	2.852	COARSE GRAVEL:	0.0%	COARSE SILT:	0.0%
(D ₉₀ / D ₁₀):	2.358	1.767	MEDIUM GRAVEL:	0.0%	MEDIUM SILT:	0.0%
(D ₉₀ - D ₁₀):	188.1	1.237	FINE GRAVEL:	0.0%	FINE SILT:	0.0%
(D ₇₅ / D ₂₅):	1.405	1.249	V FINE GRAVEL:	0.1%	V FINE SILT:	0.0%
(D ₇₅ - D ₂₅):	73.39	0.491	V COARSE SAND:	0.2%	CLAY:	0.0%

	METHOD OF MOMENTS			FOLK & WARD METHOD		
	Arithmetic	Geometric	Logarithmic	Geometric	Logarithmic	Description
	μm	μm	ϕ	μm	ϕ	
MEAN :	232.750255	214.6	2.220	213.8	2.225	Fine Sand
SORTING:	117.101638	1.416	0.502	1.375	0.459	Well Sorted
SKEWNESS:	8.72518615	0.013	-0.013	-0.005	0.005	Symmetrical
KURTOSIS:	131.739028	13.68	13.68	1.246	1.246	Leptokurtic

