

SAMPLE STATISTICS

SIEVING ERROR: 0.0%	VIBRACORE	SIEVE INTERVAL $\frac{1}{2} \phi$
SAMPLE IDENTITY: SR-32-175	ANALYST & DATE:	
SAMPLE TYPE: Bimodal, Poorly Sorted	TEXTURAL GROUP: Gravelly Sand	
SEDIMENT NAME: Fine Gravelly Medium Sand		

			GRAIN SIZE DISTRIBUTION			
	μm	ϕ				
MODE 1:	302.5	1.747	GRAVEL:	9.6%	COARSE SAND:	6.1%
MODE 2:	4800.0	-2.243	SAND:	90.4%	MEDIUM SAND:	46.7%
MODE 3:			MUD:	0.1%	FINE SAND:	34.1%
D ₁₀ :	183.6	-0.672			V FINE SAND:	1.9%
MEDIAN or D ₅₀ :	289.9	1.786	V COARSE GRAVEL:	0.0%	V COARSE SILT:	0.0%
D ₉₀ :	1593.3	2.446	COARSE GRAVEL:	0.0%	COARSE SILT:	0.0%
(D ₉₀ / D ₁₀):	8.680	-3.640	MEDIUM GRAVEL:	0.0%	MEDIUM SILT:	0.0%
(D ₉₀ - D ₁₀):	1409.7	3.118	FINE GRAVEL:	6.9%	FINE SILT:	0.0%
(D ₇₅ / D ₂₅):	1.878	1.710	V FINE GRAVEL:	2.6%	V FINE SILT:	0.0%
(D ₇₅ - D ₂₅):	192.5	0.909	V COARSE SAND:	1.6%	CLAY:	0.0%

	METHOD OF MOMENTS			FOLK & WARD METHOD		
	Arithmetic	Geometric	Logarithmic	Geometric	Logarithmic	Description
	μm	μm	ϕ	μm	ϕ	
MEAN :	702.584526	367.3	1.445	315.1	1.666	Medium Sand
SORTING:	1211.64297	2.453	1.294	2.156	1.108	Poorly Sorted
SKEWNESS:	2.83552172	1.758	-1.758	0.425	-0.425	Very Coarse Skewed
KURTOSIS:	9.47513406	5.829	5.829	2.202	2.202	Very Leptokurtic

