

SAMPLE STATISTICS

SIEVING ERROR: 0.0%
SAMPLE IDENTITY: **SR-54-250**
SAMPLE TYPE: Trimodal, Poorly Sorted
SEDIMENT NAME: Fine Gravelly Fine Sand

VIBRACORE

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

ANALYST & DATE:

TEXTURAL GROUP: Gravelly Sand

			GRAIN SIZE DISTRIBUTION		
	μm	ϕ			
MODE 1:	215.0	2.237	GRAVEL:	11.3%	COARSE SAND: 9.6%
MODE 2:	107.5	3.237	SAND:	87.6%	MEDIUM SAND: 21.2%
MODE 3:	4800.0	-2.243	MUD:	1.2%	FINE SAND: 32.4%
D ₁₀ :	97.97	-1.334			V FINE SAND: 20.8%
MEDIAN or D ₅₀ :	230.9	2.115	V COARSE GRAVEL:	0.0%	V COARSE SILT: 0.2%
D ₉₀ :	2521.5	3.352	COARSE GRAVEL:	0.0%	COARSE SILT: 0.2%
(D ₉₀ / D ₁₀):	25.74	-2.512	MEDIUM GRAVEL:	0.0%	MEDIUM SILT: 0.2%
(D ₉₀ - D ₁₀):	2423.5	4.686	FINE GRAVEL:	7.5%	FINE SILT: 0.2%
(D ₇₅ / D ₂₅):	3.607	2.784	V FINE GRAVEL:	3.8%	V FINE SILT: 0.2%
(D ₇₅ - D ₂₅):	352.2	1.851	V COARSE SAND:	3.5%	CLAY: 0.2%

	METHOD OF MOMENTS			FOLK & WARD METHOD		
	Arithmetic	Geometric	Logarithmic	Geometric	Logarithmic	Description
	μm	μm	ϕ	μm	ϕ	
MEAN :	741.893626	303.2	1.722	281.9	1.827	Medium Sand
SORTING:	1291.64974	3.301	1.723	3.061	1.614	Poorly Sorted
SKEWNESS:	2.48249716	0.721	-0.721	0.391	-0.391	Very Coarse Skewed
KURTOSIS:	7.74291585	3.925	3.925	1.269	1.269	Leptokurtic

GRAIN SIZE DISTRIBUTION

