

SAMPLE STATISTICS

SIEVING ERROR: 0.0%	VIBRACORE	SIEVE INTERVAL $\frac{1}{2} \phi$
SAMPLE IDENTITY: SR-34-250	ANALYST & DATE:	
SAMPLE TYPE: Unimodal, Moderately Sorted	TEXTURAL GROUP: Slightly Gravelly Sand	
SEDIMENT NAME: Slightly Very Fine Gravelly Medium Sand		

			GRAIN SIZE DISTRIBUTION			
	μm	ϕ				
MODE 1:	215.0	2.237	GRAVEL:	0.5%	COARSE SAND:	17.6%
MODE 2:			SAND:	99.5%	MEDIUM SAND:	41.2%
MODE 3:			MUD:	0.1%	FINE SAND:	36.5%
D ₁₀ :	157.5	0.651			V FINE SAND:	2.5%
MEDIAN or D ₅₀ :	297.0	1.751	V COARSE GRAVEL:	0.0%	V COARSE SILT:	0.0%
D ₉₀ :	636.6	2.667	COARSE GRAVEL:	0.0%	COARSE SILT:	0.0%
(D ₉₀ / D ₁₀):	4.043	4.094	MEDIUM GRAVEL:	0.0%	MEDIUM SILT:	0.0%
(D ₉₀ - D ₁₀):	479.2	2.015	FINE GRAVEL:	0.0%	FINE SILT:	0.0%
(D ₇₅ / D ₂₅):	2.193	1.997	V FINE GRAVEL:	0.5%	V FINE SILT:	0.0%
(D ₇₅ - D ₂₅):	247.4	1.133	V COARSE SAND:	1.7%	CLAY:	0.0%

	METHOD OF MOMENTS			FOLK & WARD METHOD		
	Arithmetic μm	Geometric μm	Logarithmic ϕ	Geometric μm	Logarithmic ϕ	Description
MEAN :	374.137452	310.9	1.686	310.8	1.686	Medium Sand
SORTING:	286.654625	1.740	0.799	1.706	0.770	Moderately Sorted
SKEWNESS:	4.98901173	0.395	-0.395	0.103	-0.103	Coarse Skewed
KURTOSIS:	44.5884519	4.591	4.591	0.899	0.899	Platykurtic

