

SAMPLE STATISTICS

SIEVING ERROR: 0.0%	VIBRACORE	SIEVE INTERVAL $\frac{1}{2} \phi$
SAMPLE IDENTITY: SR-32-350	ANALYST & DATE:	
SAMPLE TYPE: Unimodal, Moderately Sorted	TEXTURAL GROUP: Slightly Gravelly Sand	
SEDIMENT NAME: Slightly Very Fine Gravelly Fine Sand		

	μm	ϕ	GRAIN SIZE DISTRIBUTION			
MODE 1:	152.5	2.737	GRAVEL:	0.1%	COARSE SAND:	0.2%
MODE 2:			SAND:	93.5%	MEDIUM SAND:	2.5%
MODE 3:			MUD:	6.4%	FINE SAND:	47.9%
D ₁₀ :	67.95	2.193			V FINE SAND:	42.9%
MEDIAN or D ₅₀ :	126.0	2.988	V COARSE GRAVEL:	0.0%	V COARSE SILT:	1.1%
D ₉₀ :	218.7	3.879	COARSE GRAVEL:	0.0%	COARSE SILT:	1.1%
(D ₉₀ / D ₁₀):	3.219	1.769	MEDIUM GRAVEL:	0.0%	MEDIUM SILT:	1.1%
(D ₉₀ - D ₁₀):	150.8	1.686	FINE GRAVEL:	0.0%	FINE SILT:	1.1%
(D ₇₅ / D ₂₅):	1.854	1.349	V FINE GRAVEL:	0.1%	V FINE SILT:	1.1%
(D ₇₅ - D ₂₅):	78.52	0.890	V COARSE SAND:	0.1%	CLAY:	1.1%

	METHOD OF MOMENTS			FOLK & WARD METHOD		
	Arithmetic	Geometric	Logarithmic	Geometric	Logarithmic	Description
	μm	μm	ϕ	μm	ϕ	
MEAN :	138.471347	109.9	3.186	123.9	3.012	Very Fine Sand
SORTING:	90.8388665	2.199	1.137	1.697	0.763	Moderately Sorted
SKEWNESS:	11.8633894	-2.179	2.179	-0.198	0.198	Fine Skewed
KURTOSIS:	266.000514	8.545	8.545	1.299	1.299	Leptokurtic

GRAIN SIZE DISTRIBUTION

