

SAMPLE STATISTICS

SIEVING ERROR:	0.0%	VIBRACORE
SAMPLE IDENTITY:	SR-3-240	SIEVE INTERVAL ½ ϕ
SAMPLE TYPE:	Unimodal, Poorly Sorted	ANALYST & DATE:
SEDIMENT NAME:	Fine Gravelly Medium Sand	TEXTURAL GROUP: Gravelly Sand

			GRAIN SIZE DISTRIBUTION			
	μm	ϕ				
MODE 1:	302.5	1.747	GRAVEL:	5.9%	COARSE SAND:	6.9%
MODE 2:			SAND:	94.1%	MEDIUM SAND:	53.8%
MODE 3:			MUD:	0.1%	FINE SAND:	28.2%
D ₁₀ :	179.2	0.511			V FINE SAND:	2.7%
MEDIAN or D ₅₀ :	305.0	1.713	V COARSE GRAVEL:	0.0%	V COARSE SILT:	0.0%
D ₉₀ :	701.9	2.481	COARSE GRAVEL:	0.0%	COARSE SILT:	0.0%
(D ₉₀ / D ₁₀):	3.917	4.857	MEDIUM GRAVEL:	0.0%	MEDIUM SILT:	0.0%
(D ₉₀ - D ₁₀):	522.7	1.970	FINE GRAVEL:	4.5%	FINE SILT:	0.0%
(D ₇₅ / D ₂₅):	1.862	1.724	V FINE GRAVEL:	1.4%	V FINE SILT:	0.0%
(D ₇₅ - D ₂₅):	196.1	0.897	V COARSE SAND:	2.4%	CLAY:	0.0%

	METHOD OF MOMENTS			FOLK & WARD METHOD		
	Arithmetic	Geometric	Logarithmic	Geometric	Logarithmic	Description
	μm	μm	ϕ	μm	ϕ	
MEAN :	582.5	350.5	1.512	309.7	1.691	Medium Sand
SORTING :	987.7	2.185	1.128	2.008	1.006	Poorly Sorted
SKEWNESS :	3.694	1.744	-1.744	0.272	-0.272	Coarse Skewed
KURTOSIS :	15.52	7.306	7.306	2.038	2.038	Very Leptokurtic

