

SAMPLE STATISTICS

SIEVING ERROR: 0.0%	VIBRACORE	SIEVE INTERVAL $\frac{1}{2} \phi$
SAMPLE IDENTITY: SR-7-240	ANALYST & DATE:	
SAMPLE TYPE: Unimodal, Moderately Sorted	TEXTURAL GROUP: Sand	
SEDIMENT NAME: Fine Gravel		

			GRAIN SIZE DISTRIBUTION			
	μm	ϕ				
MODE 1:	4800.0	-2.243	GRAVEL:	84.8%	COARSE SAND:	2.7%
MODE 2:			SAND:	15.1%	MEDIUM SAND:	2.8%
MODE 3:			MUD:	0.1%	FINE SAND:	2.7%
D ₁₀ :	1182.0	-2.417			V FINE SAND:	0.6%
MEDIAN or D ₅₀ :	4422.6	-2.145	V COARSE GRAVEL:	0.0%	V COARSE SILT:	0.0%
D ₉₀ :	5341.8	-0.241	COARSE GRAVEL:	0.0%	COARSE SILT:	0.0%
(D ₉₀ / D ₁₀):	4.519	0.100	MEDIUM GRAVEL:	0.0%	MEDIUM SILT:	0.0%
(D ₉₀ - D ₁₀):	4159.8	2.176	FINE GRAVEL:	71.3%	FINE SILT:	0.0%
(D ₇₅ / D ₂₅):	1.457	0.766	V FINE GRAVEL:	13.5%	V FINE SILT:	0.0%
(D ₇₅ - D ₂₅):	1559.9	0.543	V COARSE SAND:	6.3%	CLAY:	0.0%

	METHOD OF MOMENTS			FOLK & WARD METHOD		
	Arithmetic μm	Geometric μm	Logarithmic ϕ	Geometric μm	Logarithmic ϕ	Description
MEAN :	3961.5	3235.1	-1.694	3644.8	-1.866	Very Fine Gravel
SORTING :	1471.7	2.299	1.201	1.902	0.928	Moderately Sorted
SKEWNESS :	-1.511	-2.761	2.761	-0.745	0.745	Very Fine Skewed
KURTOSIS :	3.793	11.30	11.30	3.005	3.005	Extremely Leptokurtic

