

SIEVING ERROR: 0.1%

SAMPLE STATISTICS

SAMPLE IDENTITY: **SR-12-250**

ANALYST & DATE: ,

SAMPLE TYPE: Unimodal, Moderately Sorted

TEXTURAL GROUP: Slightly Gravelly Sand

SEDIMENT NAME: Slightly Very Fine Gravelly Medium Sand

	μm	ϕ	GRAIN SIZE DISTRIBUTION			
MODE 1:	215.0	2.237	GRAVEL: 2.5%	COARSE SAND: 9.3%		
MODE 2:			SAND: 97.4%	MEDIUM SAND: 42.0%		
MODE 3:			MUD: 0.1%	FINE SAND: 40.7%		
D_{10} :	179.3	0.379		V FINE SAND: 1.3%		
MEDIAN or D_{50} :	275.5	1.860	V COARSE GRAVEL: 0.0%	V COARSE SILT: 0.0%		
D_{90} :	768.8	2.480	COARSE GRAVEL: 0.0%	COARSE SILT: 0.0%		
(D_{90} / D_{10}) :	4.289	6.539	MEDIUM GRAVEL: 0.0%	MEDIUM SILT: 0.0%		
$(D_{90} - D_{10})$:	589.6	2.101	FINE GRAVEL: 0.7%	FINE SILT: 0.0%		
(D_{75} / D_{25}) :	1.892	1.690	V FINE GRAVEL: 1.8%	V FINE SILT: 0.0%		
$(D_{75} - D_{25})$:	187.0	0.920	V COARSE SAND: 4.0%	CLAY: 0.0%		
	METHOD OF MOMENTS			FOLK & WARD METHOD		
	Arithmetic	Geometric	Logarithmic	Geometric	Logarithmic	Description
	μm	μm	ϕ	μm	ϕ	
MEAN (\bar{x}):	436.5	316.8	1.658	297.2	1.751	Medium Sand
SORTING (σ):	568.4	1.924	0.944	1.754	0.811	Moderately Sorted
SKEWNESS (Sk):	5.015	1.355	-1.355	0.319	-0.319	Very Coarse Skewed
KURTOSIS (K):	32.85	7.078	7.078	1.370	1.370	Leptokurtic

GRAIN SIZE DISTRIBUTION

