

SIEVING ERROR: 0.1%

SAMPLE STATISTICS

SAMPLE IDENTITY: **SR-24-100**

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:	215.0	2.237	GRAVEL: 2.9%	COARSE SAND: 4.3%		
MODE 2:			SAND: 96.9%	MEDIUM SAND: 39.7%		
MODE 3:			MUD: 0.1%	FINE SAND: 48.6%		
D_{10} :	151.8	1.027		V FINE SAND: 2.2%		
MEDIAN or D_{50} :	247.8	2.013	V COARSE GRAVEL: 0.0%	V COARSE SILT: 0.0%		
D_{90} :	490.7	2.720	COARSE GRAVEL: 0.0%	COARSE SILT: 0.0%		
(D_{90} / D_{10}) :	3.233	2.648	MEDIUM GRAVEL: 0.0%	MEDIUM SILT: 0.0%		
$(D_{90} - D_{10})$:	338.9	1.693	FINE GRAVEL: 0.7%	FINE SILT: 0.0%		
(D_{75} / D_{25}) :	1.745	1.517	V FINE GRAVEL: 2.2%	V FINE SILT: 0.0%		
$(D_{75} - D_{25})$:	145.3	0.803	V COARSE SAND: 2.1%	CLAY: 0.0%		
	METHOD OF MOMENTS			FOLK & WARD METHOD		
	Arithmetic	Geometric	Logarithmic	Geometric	Logarithmic	Description
	μm	μm	ϕ	μm	ϕ	
MEAN (\bar{x}):	388.6	279.1	1.841	263.1	1.926	Medium Sand
SORTING (σ):	566.0	1.885	0.915	1.683	0.751	Moderately Sorted
SKEWNESS (Sk):	5.342	1.690	-1.690	0.301	-0.301	Very Coarse Skewed
KURTOSIS (K):	35.05	9.335	9.335	1.491	1.491	Leptokurtic

GRAIN SIZE DISTRIBUTION

