

SIEVING ERROR: 0.1%

SAMPLE STATISTICS

SAMPLE IDENTITY: **SR-25-100**

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: 1.7%	COARSE SAND: 12.9%		
MODE 2:			SAND: 98.3%	MEDIUM SAND: 43.9%		
MODE 3:			MUD: 0.0%	FINE SAND: 37.0%		
D_{10} :	183.7	0.376		V FINE SAND: 0.7%		
MEDIAN or D_{50} :	292.8	1.772	V COARSE GRAVEL: 0.0%	V COARSE SILT: 0.0%		
D_{90} :	770.4	2.445	COARSE GRAVEL: 0.0%	COARSE SILT: 0.0%		
(D_{90} / D_{10}) :	4.194	6.496	MEDIUM GRAVEL: 0.0%	MEDIUM SILT: 0.0%		
$(D_{90} - D_{10})$:	586.7	2.068	FINE GRAVEL: 0.3%	FINE SILT: 0.0%		
(D_{75} / D_{25}) :	2.011	1.843	V FINE GRAVEL: 1.4%	V FINE SILT: 0.0%		
$(D_{75} - D_{25})$:	219.5	1.008	V COARSE SAND: 3.8%	CLAY: 0.0%		
	METHOD OF MOMENTS			FOLK & WARD METHOD		
	Arithmetic	Geometric	Logarithmic	Geometric	Logarithmic	Description
	μm	μm	ϕ	μm	ϕ	
MEAN (\bar{x}):	429.9	330.7	1.596	318.9	1.649	Medium Sand
SORTING (σ):	475.7	1.832	0.874	1.745	0.803	Moderately Sorted
SKEWNESS (Sk):	5.110	1.310	-1.310	0.289	-0.289	Coarse Skewed
KURTOSIS (K):	36.05	5.716	5.716	1.134	1.134	Leptokurtic

GRAIN SIZE DISTRIBUTION

