

SIEVING ERROR: 0.7%

SAMPLE STATISTICS

SAMPLE IDENTITY: **SR-35-100**

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: 0.7%	COARSE SAND: 13.2%		
MODE 2:			SAND: 99.3%	MEDIUM SAND: 42.5%		
MODE 3:			MUD: 0.0%	FINE SAND: 36.0%		
D_{10} :	183.5	0.203		V FINE SAND: 0.9%		
MEDIAN or D_{50} :	296.6	1.753	V COARSE GRAVEL: 0.0%	V COARSE SILT: 0.0%		
D_{90} :	869.0	2.446	COARSE GRAVEL: 0.0%	COARSE SILT: 0.0%		
(D_{90} / D_{10}) :	4.735	12.08	MEDIUM GRAVEL: 0.0%	MEDIUM SILT: 0.0%		
$(D_{90} - D_{10})$:	685.5	2.243	FINE GRAVEL: 0.0%	FINE SILT: 0.0%		
(D_{75} / D_{25}) :	2.084	1.931	V FINE GRAVEL: 0.7%	V FINE SILT: 0.0%		
$(D_{75} - D_{25})$:	236.4	1.059	V COARSE SAND: 6.8%	CLAY: 0.0%		
	METHOD OF MOMENTS			FOLK & WARD METHOD		
	Arithmetic	Geometric	Logarithmic	Geometric	Logarithmic	Description
	μm	μm	ϕ	μm	ϕ	
MEAN (\bar{x}):	424.2	336.8	1.570	332.7	1.588	Medium Sand
SORTING (σ):	355.5	1.828	0.870	1.825	0.868	Moderately Sorted
SKEWNESS (Sk):	2.874	0.875	-0.875	0.323	-0.323	Very Coarse Skewed
KURTOSIS (K):	14.23	3.920	3.920	1.141	1.141	Leptokurtic

GRAIN SIZE DISTRIBUTION

