

SIEVING ERROR: 0.1%

SAMPLE STATISTICS

SAMPLE IDENTITY: **SR-35-200**

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: 2.3%	COARSE SAND: 13.7%		
MODE 2:			SAND: 97.6%	MEDIUM SAND: 41.7%		
MODE 3:			MUD: 0.0%	FINE SAND: 32.3%		
D_{10} :	186.8	-0.139		V FINE SAND: 0.7%		
MEDIAN or D_{50} :	313.9	1.672	V COARSE GRAVEL: 0.0%	V COARSE SILT: 0.0%		
D_{90} :	1101.2	2.420	COARSE GRAVEL: 0.0%	COARSE SILT: 0.0%		
(D_{90} / D_{10}) :	5.895	-17.397	MEDIUM GRAVEL: 0.0%	MEDIUM SILT: 0.0%		
$(D_{90} - D_{10})$:	914.4	2.559	FINE GRAVEL: 0.1%	FINE SILT: 0.0%		
(D_{75} / D_{25}) :	2.240	2.184	V FINE GRAVEL: 2.2%	V FINE SILT: 0.0%		
$(D_{75} - D_{25})$:	280.1	1.164	V COARSE SAND: 9.3%	CLAY: 0.0%		
	METHOD OF MOMENTS			FOLK & WARD METHOD		
	Arithmetic	Geometric	Logarithmic	Geometric	Logarithmic	Description
	μm	μm	ϕ	μm	ϕ	
MEAN (\bar{x}):	500.9	371.5	1.429	367.6	1.444	Medium Sand
SORTING (σ):	492.2	1.982	0.987	1.982	0.987	Moderately Sorted
SKEWNESS (Sk):	2.968	0.934	-0.934	0.377	-0.377	Very Coarse Skewed
KURTOSIS (K):	15.01	3.661	3.661	1.154	1.154	Leptokurtic

GRAIN SIZE DISTRIBUTION

