

SIEVING ERROR: 0.1%

SAMPLE STATISTICS

SAMPLE IDENTITY: **SR-23-200**

ANALYST & DATE: ,

SAMPLE TYPE: Unimodal, Poorly 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: 3.0%	COARSE SAND: 15.9%		
MODE 2:			SAND: 96.9%	MEDIUM SAND: 27.4%		
MODE 3:			MUD: 0.1%	FINE SAND: 45.6%		
D_{10} :	145.8	0.152		V FINE SAND: 3.1%		
MEDIAN or D_{50} :	256.1	1.965	V COARSE GRAVEL: 0.0%	V COARSE SILT: 0.0%		
D_{90} :	900.3	2.778	COARSE GRAVEL: 0.0%	COARSE SILT: 0.0%		
(D_{90} / D_{10}) :	6.176	18.34	MEDIUM GRAVEL: 0.0%	MEDIUM SILT: 0.0%		
$(D_{90} - D_{10})$:	754.5	2.627	FINE GRAVEL: 0.5%	FINE SILT: 0.0%		
(D_{75} / D_{25}) :	2.501	2.247	V FINE GRAVEL: 2.5%	V FINE SILT: 0.0%		
$(D_{75} - D_{25})$:	287.7	1.322	V COARSE SAND: 5.0%	CLAY: 0.0%		
	METHOD OF MOMENTS			FOLK & WARD METHOD		
	Arithmetic	Geometric	Logarithmic	Geometric	Logarithmic	Description
	μm	μm	ϕ	μm	ϕ	
MEAN (\bar{x}):	460.9	317.1	1.657	306.4	1.706	Medium Sand
SORTING (σ):	573.8	2.112	1.078	2.046	1.033	Poorly Sorted
SKEWNESS (Sk):	4.105	0.979	-0.979	0.414	-0.414	Very Coarse Skewed
KURTOSIS (K):	24.43	4.558	4.558	1.082	1.082	Mesokurtic

GRAIN SIZE DISTRIBUTION

