

SIEVING ERROR: 0.1%

SAMPLE STATISTICS

SAMPLE IDENTITY: **SR-11-200**

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: 2.5%	COARSE SAND: 10.6%		
MODE 2:			SAND: 97.3%	MEDIUM SAND: 34.2%		
MODE 3:			MUD: 0.2%	FINE SAND: 40.2%		
D_{10} :	146.8	-0.004		V FINE SAND: 4.7%		
MEDIAN or D_{50} :	270.1	1.888	V COARSE GRAVEL: 0.0%	V COARSE SILT: 0.0%		
D_{90} :	1002.5	2.768	COARSE GRAVEL: 0.0%	COARSE SILT: 0.0%		
(D_{90} / D_{10}) :	6.828	-754.214	MEDIUM GRAVEL: 0.0%	MEDIUM SILT: 0.0%		
$(D_{90} - D_{10})$:	855.7	2.772	FINE GRAVEL: 0.2%	FINE SILT: 0.0%		
(D_{75} / D_{25}) :	2.226	1.980	V FINE GRAVEL: 2.3%	V FINE SILT: 0.0%		
$(D_{75} - D_{25})$:	243.5	1.154	V COARSE SAND: 7.6%	CLAY: 0.0%		
	METHOD OF MOMENTS			FOLK & WARD METHOD		
	Arithmetic	Geometric	Logarithmic	Geometric	Logarithmic	Description
	μm	μm	ϕ	μm	ϕ	
MEAN (\bar{x}):	452.8	318.5	1.651	317.2	1.657	Medium Sand
SORTING (σ):	510.6	2.104	1.073	2.019	1.014	Poorly Sorted
SKEWNESS (Sk):	3.480	0.725	-0.725	0.370	-0.370	Very Coarse Skewed
KURTOSIS (K):	19.14	4.769	4.769	1.259	1.259	Leptokurtic

GRAIN SIZE DISTRIBUTION

