

SIEVING ERROR: 0.0%

SAMPLE STATISTICS

SAMPLE IDENTITY: **SR-25-200**

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: 3.6%	COARSE SAND: 12.2%		
MODE 2:			SAND: 96.4%	MEDIUM SAND: 40.4%		
MODE 3:			MUD: 0.1%	FINE SAND: 39.6%		
D_{10} :	171.2	0.445		V FINE SAND: 1.4%		
MEDIAN or D_{50} :	282.4	1.824	V COARSE GRAVEL: 0.0%	V COARSE SILT: 0.0%		
D_{90} :	734.8	2.546	COARSE GRAVEL: 0.0%	COARSE SILT: 0.0%		
(D_{90} / D_{10}) :	4.291	5.726	MEDIUM GRAVEL: 0.0%	MEDIUM SILT: 0.0%		
$(D_{90} - D_{10})$:	563.5	2.101	FINE GRAVEL: 1.3%	FINE SILT: 0.0%		
(D_{75} / D_{25}) :	2.055	1.854	V FINE GRAVEL: 2.3%	V FINE SILT: 0.0%		
$(D_{75} - D_{25})$:	220.9	1.039	V COARSE SAND: 2.8%	CLAY: 0.0%		
	METHOD OF MOMENTS			FOLK & WARD METHOD		
	Arithmetic μm	Geometric μm	Logarithmic ϕ	Geometric μm	Logarithmic ϕ	Description
MEAN (\bar{x}):	472.2	327.1	1.612	310.3	1.688	Medium Sand
SORTING (σ):	673.4	1.992	0.995	1.837	0.877	Moderately Sorted
SKEWNESS (Sk):	4.661	1.519	-1.519	0.324	-0.324	Very Coarse Skewed
KURTOSIS (K):	26.72	6.676	6.676	1.269	1.269	Leptokurtic

GRAIN SIZE DISTRIBUTION

