

SIEVING ERROR: -0.1%

SAMPLE STATISTICS

SAMPLE IDENTITY: **SR-13-450**

ANALYST & DATE: ,

SAMPLE TYPE: Bimodal, Poorly Sorted

TEXTURAL GROUP: Gravelly Sand

SEDIMENT NAME: Very Fine Gravelly Fine Sand

	μm	ϕ	GRAIN SIZE DISTRIBUTION			
MODE 1:	215.0	2.237	GRAVEL: 9.5%	COARSE SAND: 6.4%		
MODE 2:	2400.0	-1.243	SAND: 87.6%	MEDIUM SAND: 17.1%		
MODE 3:			MUD: 3.0%	FINE SAND: 41.3%		
D_{10} :	101.8	-0.949		V FINE SAND: 13.3%		
MEDIAN or D_{50} :	222.2	2.170	V COARSE GRAVEL: 0.0%	V COARSE SILT: 0.5%		
D_{90} :	1930.0	3.296	COARSE GRAVEL: 0.0%	COARSE SILT: 0.5%		
(D_{90} / D_{10}) :	18.95	-3.474	MEDIUM GRAVEL: 0.0%	MEDIUM SILT: 0.5%		
$(D_{90} - D_{10})$:	1828.2	4.244	FINE GRAVEL: 0.2%	FINE SILT: 0.5%		
(D_{75} / D_{25}) :	3.568	2.959	V FINE GRAVEL: 9.2%	V FINE SILT: 0.5%		
$(D_{75} - D_{25})$:	375.9	1.835	V COARSE SAND: 9.5%	CLAY: 0.5%		
	METHOD OF MOMENTS			FOLK & WARD METHOD		
	Arithmetic	Geometric	Logarithmic	Geometric	Logarithmic	Description
	μm	μm	ϕ	μm	ϕ	
MEAN (\bar{x}):	588.9	286.2	1.805	327.4	1.611	Medium Sand
SORTING (σ):	801.5	3.293	1.719	3.017	1.593	Poorly Sorted
SKEWNESS (Sk):	2.107	-0.068	0.068	0.448	-0.448	Very Coarse Skewed
KURTOSIS (K):	6.994	4.103	4.103	1.110	1.110	Mesokurtic

GRAIN SIZE DISTRIBUTION

