

SIEVING ERROR: 0.1%

SAMPLE STATISTICSSAMPLE IDENTITY: **SR-25-500**

ANALYST & DATE: ,

SAMPLE TYPE: Trimodal, 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: 9.7%	COARSE SAND: 9.5%		
MODE 2:	2400.0	-1.243	SAND: 90.0%	MEDIUM SAND: 23.2%		
MODE 3:	1200.0	-0.243	MUD: 0.3%	FINE SAND: 43.2%		
D_{10} :	159.0	-0.974		V FINE SAND: 2.6%		
MEDIAN or D_{50} :	271.8	1.879	V COARSE GRAVEL: 0.0%	V COARSE SILT: 0.1%		
D_{90} :	1964.3	2.653	COARSE GRAVEL: 0.0%	COARSE SILT: 0.1%		
(D_{90} / D_{10}) :	12.36	-2.724	MEDIUM GRAVEL: 0.0%	MEDIUM SILT: 0.1%		
$(D_{90} - D_{10})$:	1805.3	3.627	FINE GRAVEL: 0.0%	FINE SILT: 0.1%		
(D_{75} / D_{25}) :	3.891	6.630	V FINE GRAVEL: 9.7%	V FINE SILT: 0.1%		
$(D_{75} - D_{25})$:	583.7	1.960	V COARSE SAND: 11.5%	CLAY: 0.1%		
	METHOD OF MOMENTS			FOLK & WARD METHOD		
	Arithmetic	Geometric	Logarithmic	Geometric	Logarithmic	Description
	μm	μm	ϕ	μm	ϕ	
MEAN (\bar{x}):	674.8	392.9	1.348	408.2	1.293	Medium Sand
SORTING (σ):	814.7	2.618	1.388	2.581	1.368	Poorly Sorted
SKEWNESS (Sk):	1.954	0.618	-0.618	0.567	-0.567	Very Coarse Skewed
KURTOSIS (K):	5.997	3.207	3.207	0.894	0.894	Platykurtic

GRAIN SIZE DISTRIBUTION