

SIEVING ERROR: 0.1%

SAMPLE STATISTICSSAMPLE IDENTITY: **SR-25-390**

ANALYST & DATE: ,

SAMPLE TYPE: Trimodal, Poorly Sorted

TEXTURAL GROUP: Gravelly Sand

SEDIMENT NAME: Very Fine Gravelly Medium Sand

	μm	ϕ	GRAIN SIZE DISTRIBUTION			
MODE 1:	215.0	2.237	GRAVEL: 8.7%	COARSE SAND: 12.7%		
MODE 2:	1200.0	-0.243	SAND: 91.1%	MEDIUM SAND: 32.4%		
MODE 3:	2400.0	-1.243	MUD: 0.2%	FINE SAND: 31.4%		
D_{10} :	185.5	-0.899		V FINE SAND: 1.6%		
MEDIAN or D_{50} :	327.2	1.612	V COARSE GRAVEL: 0.0%	V COARSE SILT: 0.0%		
D_{90} :	1864.4	2.430	COARSE GRAVEL: 0.0%	COARSE SILT: 0.0%		
(D_{90} / D_{10}) :	10.05	-2.704	MEDIUM GRAVEL: 0.0%	MEDIUM SILT: 0.0%		
$(D_{90} - D_{10})$:	1678.9	3.329	FINE GRAVEL: 0.0%	FINE SILT: 0.0%		
(D_{75} / D_{25}) :	3.720	8.392	V FINE GRAVEL: 8.7%	V FINE SILT: 0.0%		
$(D_{75} - D_{25})$:	612.1	1.895	V COARSE SAND: 12.9%	CLAY: 0.0%		
	METHOD OF MOMENTS			FOLK & WARD METHOD		
	Arithmetic	Geometric	Logarithmic	Geometric	Logarithmic	Description
	μm	μm	ϕ	μm	ϕ	
MEAN (\bar{x}):	691.5	438.8	1.188	445.3	1.167	Medium Sand
SORTING (σ):	754.6	2.429	1.280	2.449	1.292	Poorly Sorted
SKEWNESS (Sk):	1.906	0.587	-0.587	0.468	-0.468	Very Coarse Skewed
KURTOSIS (K):	6.009	2.959	2.959	0.864	0.864	Platykurtic

GRAIN SIZE DISTRIBUTION