

SIEVING ERROR: 0.0%

SAMPLE STATISTICSSAMPLE IDENTITY: **SR-22-175**

ANALYST & DATE: ,

SAMPLE TYPE: Unimodal, 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: 5.7%	COARSE SAND: 14.6%		
MODE 2:			SAND: 94.3%	MEDIUM SAND: 37.4%		
MODE 3:			MUD: 0.0%	FINE SAND: 33.4%		
D_{10} :	167.6	-0.372		V FINE SAND: 1.9%		
MEDIAN or D_{50} :	315.7	1.663	V COARSE GRAVEL: 0.0%	V COARSE SILT: 0.0%		
D_{90} :	1294.6	2.577	COARSE GRAVEL: 0.0%	COARSE SILT: 0.0%		
(D_{90} / D_{10}) :	7.724	-6.918	MEDIUM GRAVEL: 0.0%	MEDIUM SILT: 0.0%		
$(D_{90} - D_{10})$:	1127.0	2.949	FINE GRAVEL: 1.3%	FINE SILT: 0.0%		
(D_{75} / D_{25}) :	2.541	2.558	V FINE GRAVEL: 4.3%	V FINE SILT: 0.0%		
$(D_{75} - D_{25})$:	333.3	1.345	V COARSE SAND: 7.2%	CLAY: 0.0%		
	METHOD OF MOMENTS			FOLK & WARD METHOD		
	Arithmetic	Geometric	Logarithmic	Geometric	Logarithmic	Description
	μm	μm	ϕ	μm	ϕ	
MEAN (\bar{x}):	589.2	381.9	1.389	367.7	1.443	Medium Sand
SORTING (σ):	769.5	2.230	1.157	2.186	1.129	Poorly Sorted
SKEWNESS (Sk):	3.392	1.096	-1.096	0.359	-0.359	Very Coarse Skewed
KURTOSIS (K):	15.90	3.914	3.914	1.205	1.205	Leptokurtic

GRAIN SIZE DISTRIBUTION