

SIEVING ERROR: 0.1%

SAMPLE STATISTICSSAMPLE IDENTITY: **SR-12-320**

ANALYST & DATE: ,

SAMPLE TYPE: Bimodal, Poorly Sorted

TEXTURAL GROUP: Gravelly Sand

SEDIMENT NAME: Fine Gravelly Medium Sand

	μm	ϕ	GRAIN SIZE DISTRIBUTION			
MODE 1:	215.0	2.237	GRAVEL: 12.2%	COARSE SAND: 11.5%		
MODE 2:	4800.0	-2.243	SAND: 87.7%	MEDIUM SAND: 38.0%		
MODE 3:			MUD: 0.1%	FINE SAND: 28.8%		
D_{10} :	190.7	-1.347		V FINE SAND: 0.8%		
MEDIAN or D_{50} :	332.8	1.587	V COARSE GRAVEL: 0.0%	V COARSE SILT: 0.0%		
D_{90} :	2544.3	2.391	COARSE GRAVEL: 0.0%	COARSE SILT: 0.0%		
(D_{90} / D_{10}) :	13.34	-1.775	MEDIUM GRAVEL: 0.0%	MEDIUM SILT: 0.0%		
$(D_{90} - D_{10})$:	2353.6	3.738	FINE GRAVEL: 6.8%	FINE SILT: 0.0%		
(D_{75} / D_{25}) :	3.313	5.752	V FINE GRAVEL: 5.4%	V FINE SILT: 0.0%		
$(D_{75} - D_{25})$:	542.6	1.728	V COARSE SAND: 8.8%	CLAY: 0.0%		
	METHOD OF MOMENTS			FOLK & WARD METHOD		
	Arithmetic μm	Geometric μm	Logarithmic ϕ	Geometric μm	Logarithmic ϕ	Description
MEAN (\bar{x}):	876.7	471.7	1.084	458.4	1.125	Medium Sand
SORTING (σ):	1242.3	2.661	1.412	2.637	1.399	Poorly Sorted
SKEWNESS (Sk):	2.321	1.026	-1.026	0.544	-0.544	Very Coarse Skewed
KURTOSIS (K):	7.259	3.344	3.344	1.112	1.112	Leptokurtic

GRAIN SIZE DISTRIBUTION