

SIEVING ERROR: 0.0%

SAMPLE STATISTICSSAMPLE IDENTITY: **SR-39-200**

ANALYST & DATE: ,

SAMPLE TYPE: Bimodal, Poorly Sorted

TEXTURAL GROUP: Sandy Gravel

SEDIMENT NAME: Sandy Fine Gravel

	μm	ϕ	GRAIN SIZE DISTRIBUTION			
MODE 1:	302.5	1.747	GRAVEL: 33.1%	COARSE SAND: 6.3%		
MODE 2:	4800.0	-2.243	SAND: 66.7%	MEDIUM SAND: 42.9%		
MODE 3:			MUD: 0.2%	FINE SAND: 12.3%		
D_{10} :	228.2	-2.223		V FINE SAND: 0.6%		
MEDIAN or D_{50} :	426.7	1.229	V COARSE GRAVEL: 0.0%	V COARSE SILT: 0.0%		
D_{90} :	4669.3	2.131	COARSE GRAVEL: 0.0%	COARSE SILT: 0.0%		
(D_{90} / D_{10}) :	20.46	-0.959	MEDIUM GRAVEL: 0.0%	MEDIUM SILT: 0.0%		
$(D_{90} - D_{10})$:	4441.1	4.355	FINE GRAVEL: 18.5%	FINE SILT: 0.0%		
(D_{75} / D_{25}) :	10.86	-1.096	V FINE GRAVEL: 14.6%	V FINE SILT: 0.0%		
$(D_{75} - D_{25})$:	2832.2	3.440	V COARSE SAND: 4.6%	CLAY: 0.0%		
	METHOD OF MOMENTS			FOLK & WARD METHOD		
	Arithmetic μm	Geometric μm	Logarithmic ϕ	Geometric μm	Logarithmic ϕ	Description
MEAN (\bar{x}):	1615.8	773.8	0.370	773.0	0.372	Coarse Sand
SORTING (σ):	1796.2	3.411	1.770	3.284	1.716	Poorly Sorted
SKEWNESS (Sk):	0.899	0.337	-0.337	0.583	-0.583	Very Coarse Skewed
KURTOSIS (K):	2.087	1.899	1.899	0.559	0.559	Very Platykurtic

GRAIN SIZE DISTRIBUTION