

SIEVING ERROR: 0.1%

SAMPLE STATISTICSSAMPLE IDENTITY: **SR-38-300**

ANALYST & DATE: ,

SAMPLE TYPE: Unimodal, Moderately Sorted

TEXTURAL GROUP: Slightly Gravelly Sand

SEDIMENT NAME: Slightly Very Fine Gravelly Medium Sand

	μm	ϕ	GRAIN SIZE DISTRIBUTION			
MODE 1:	302.5	1.747	GRAVEL: 1.2%	COARSE SAND: 18.1%		
MODE 2:			SAND: 98.7%	MEDIUM SAND: 50.3%		
MODE 3:			MUD: 0.1%	FINE SAND: 23.2%		
D_{10} :	180.1	0.322		V FINE SAND: 2.8%		
MEDIAN or D_{50} :	332.3	1.589	V COARSE GRAVEL: 0.0%	V COARSE SILT: 0.0%		
D_{90} :	800.2	2.474	COARSE GRAVEL: 0.0%	COARSE SILT: 0.0%		
(D_{90} / D_{10}) :	4.444	7.690	MEDIUM GRAVEL: 0.0%	MEDIUM SILT: 0.0%		
$(D_{90} - D_{10})$:	620.1	2.152	FINE GRAVEL: 0.1%	FINE SILT: 0.0%		
(D_{75} / D_{25}) :	1.998	1.965	V FINE GRAVEL: 1.1%	V FINE SILT: 0.0%		
$(D_{75} - D_{25})$:	243.8	0.998	V COARSE SAND: 4.2%	CLAY: 0.0%		
	METHOD OF MOMENTS			FOLK & WARD METHOD		
	Arithmetic	Geometric	Logarithmic	Geometric	Logarithmic	Description
	μm	μm	ϕ	μm	ϕ	
MEAN (\bar{x}):	446.4	355.1	1.494	350.0	1.514	Medium Sand
SORTING (σ):	399.9	1.840	0.880	1.804	0.851	Moderately Sorted
SKEWNESS (Sk):	4.623	0.470	-0.470	0.138	-0.138	Coarse Skewed
KURTOSIS (K):	35.18	5.112	5.112	1.195	1.195	Leptokurtic

GRAIN SIZE DISTRIBUTION