

SIEVING ERROR: 0.0%

SAMPLE STATISTICSSAMPLE IDENTITY: **SR-38-200**

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: 0.5%	COARSE SAND: 20.6%		
MODE 2:			SAND: 99.3%	MEDIUM SAND: 46.1%		
MODE 3:			MUD: 0.1%	FINE SAND: 23.1%		
D_{10} :	172.7	0.175		V FINE SAND: 2.9%		
MEDIAN or D_{50} :	344.7	1.537	V COARSE GRAVEL: 0.0%	V COARSE SILT: 0.0%		
D_{90} :	885.7	2.534	COARSE GRAVEL: 0.0%	COARSE SILT: 0.0%		
(D_{90} / D_{10}) :	5.130	14.47	MEDIUM GRAVEL: 0.0%	MEDIUM SILT: 0.0%		
$(D_{90} - D_{10})$:	713.1	2.359	FINE GRAVEL: 0.2%	FINE SILT: 0.0%		
(D_{75} / D_{25}) :	2.213	2.289	V FINE GRAVEL: 0.3%	V FINE SILT: 0.0%		
$(D_{75} - D_{25})$:	296.0	1.146	V COARSE SAND: 6.6%	CLAY: 0.0%		
	METHOD OF MOMENTS			FOLK & WARD METHOD		
	Arithmetic	Geometric	Logarithmic	Geometric	Logarithmic	Description
	μm	μm	ϕ	μm	ϕ	
MEAN (\bar{x}):	463.6	367.2	1.445	363.7	1.459	Medium Sand
SORTING (σ):	387.9	1.892	0.920	1.885	0.914	Moderately Sorted
SKEWNESS (Sk):	4.407	0.171	-0.171	0.133	-0.133	Coarse Skewed
KURTOSIS (K):	39.42	4.676	4.676	1.102	1.102	Mesokurtic

GRAIN SIZE DISTRIBUTION