

SIEVING ERROR: 0.2%

SAMPLE STATISTICSSAMPLE IDENTITY: **SR-38-470**

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: 1.5%	COARSE SAND: 20.7%		
MODE 2:			SAND: 98.4%	MEDIUM SAND: 48.3%		
MODE 3:			MUD: 0.1%	FINE SAND: 19.4%		
D_{10} :	194.7	0.006		V FINE SAND: 1.7%		
MEDIAN or D_{50} :	357.1	1.485	V COARSE GRAVEL: 0.0%	V COARSE SILT: 0.0%		
D_{90} :	995.5	2.361	COARSE GRAVEL: 0.0%	COARSE SILT: 0.0%		
(D_{90} / D_{10}) :	5.113	364.5	MEDIUM GRAVEL: 0.0%	MEDIUM SILT: 0.0%		
$(D_{90} - D_{10})$:	800.8	2.354	FINE GRAVEL: 0.1%	FINE SILT: 0.0%		
(D_{75} / D_{25}) :	2.255	2.548	V FINE GRAVEL: 1.4%	V FINE SILT: 0.0%		
$(D_{75} - D_{25})$:	329.1	1.173	V COARSE SAND: 8.4%	CLAY: 0.0%		
	METHOD OF MOMENTS			FOLK & WARD METHOD		
	Arithmetic	Geometric	Logarithmic	Geometric	Logarithmic	Description
	μm	μm	ϕ	μm	ϕ	
MEAN (\bar{x}):	515.0	401.1	1.318	398.3	1.328	Medium Sand
SORTING (σ):	451.5	1.910	0.934	1.889	0.918	Moderately Sorted
SKEWNESS (Sk):	3.562	0.434	-0.434	0.248	-0.248	Coarse Skewed
KURTOSIS (K):	23.09	4.421	4.421	1.060	1.060	Mesokurtic

GRAIN SIZE DISTRIBUTION