

SIEVING ERROR: 0.2%

SAMPLE STATISTICSSAMPLE IDENTITY: **SR-67-240**

ANALYST & DATE: ,

SAMPLE TYPE: Unimodal, Moderately Well 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: 11.1%		
MODE 2:			SAND: 98.5%	MEDIUM SAND: 55.9%		
MODE 3:			MUD: 0.0%	FINE SAND: 27.5%		
D_{10} :	193.7	0.588		V FINE SAND: 0.6%		
MEDIAN or D_{50} :	310.6	1.687	V COARSE GRAVEL: 0.0%	V COARSE SILT: 0.0%		
D_{90} :	665.2	2.368	COARSE GRAVEL: 0.0%	COARSE SILT: 0.0%		
(D_{90} / D_{10}) :	3.433	4.026	MEDIUM GRAVEL: 0.0%	MEDIUM SILT: 0.0%		
$(D_{90} - D_{10})$:	471.5	1.780	FINE GRAVEL: 0.1%	FINE SILT: 0.0%		
(D_{75} / D_{25}) :	1.798	1.696	V FINE GRAVEL: 1.4%	V FINE SILT: 0.0%		
$(D_{75} - D_{25})$:	191.0	0.847	V COARSE SAND: 3.4%	CLAY: 0.0%		
	METHOD OF MOMENTS			FOLK & WARD METHOD		
	Arithmetic	Geometric	Logarithmic	Geometric	Logarithmic	Description
	μm	μm	ϕ	μm	ϕ	
MEAN (\bar{x}):	421.0	339.9	1.557	319.8	1.645	Medium Sand
SORTING (σ):	410.2	1.726	0.787	1.606	0.684	Moderately Well Sorted
SKEWNESS (S_k):	5.106	1.338	-1.338	0.233	-0.233	Coarse Skewed
KURTOSIS (K):	37.95	6.684	6.684	1.189	1.189	Leptokurtic

GRAIN SIZE DISTRIBUTION