

SIEVING ERROR: 0.2%

SAMPLE STATISTICSSAMPLE IDENTITY: **SR-72-240**

ANALYST & DATE: ,

SAMPLE TYPE: Bimodal, Poorly Sorted

TEXTURAL GROUP: Gravelly Sand

SEDIMENT NAME: Very Fine Gravelly Medium Sand

	μm	ϕ	GRAIN SIZE DISTRIBUTION			
MODE 1:	302.5	1.747	GRAVEL: 16.6%	COARSE SAND: 17.3%		
MODE 2:	2400.0	-1.243	SAND: 83.0%	MEDIUM SAND: 33.0%		
MODE 3:			MUD: 0.4%	FINE SAND: 16.0%		
D_{10} :	193.3	-1.227		V FINE SAND: 2.7%		
MEDIAN or D_{50} :	478.5	1.063	V COARSE GRAVEL: 0.0%	V COARSE SILT: 0.1%		
D_{90} :	2341.6	2.371	COARSE GRAVEL: 0.0%	COARSE SILT: 0.1%		
(D_{90} / D_{10}) :	12.12	-1.932	MEDIUM GRAVEL: 0.0%	MEDIUM SILT: 0.1%		
$(D_{90} - D_{10})$:	2148.3	3.599	FINE GRAVEL: 0.5%	FINE SILT: 0.1%		
(D_{75} / D_{25}) :	4.685	-4.497	V FINE GRAVEL: 16.1%	V FINE SILT: 0.1%		
$(D_{75} - D_{25})$:	1041.7	2.228	V COARSE SAND: 14.1%	CLAY: 0.1%		
	METHOD OF MOMENTS			FOLK & WARD METHOD		
	Arithmetic	Geometric	Logarithmic	Geometric	Logarithmic	Description
	μm	μm	ϕ	μm	ϕ	
MEAN (\bar{x}):	915.0	578.5	0.790	606.1	0.722	Coarse Sand
SORTING (σ):	882.6	2.629	1.395	2.672	1.418	Poorly Sorted
SKEWNESS (Sk):	1.429	-0.070	0.070	0.254	-0.254	Coarse Skewed
KURTOSIS (K):	4.606	3.223	3.223	0.767	0.767	Platykurtic

GRAIN SIZE DISTRIBUTION