

SIEVING ERROR: 0.6%

SAMPLE STATISTICSSAMPLE IDENTITY: **SR-13-470**

ANALYST & DATE: ,

SAMPLE TYPE: Bimodal, Poorly Sorted

TEXTURAL GROUP: Gravelly Sand

SEDIMENT NAME: Very Fine Gravelly Fine Sand

	μm	ϕ	GRAIN SIZE DISTRIBUTION			
MODE 1:	215.0	2.237	GRAVEL: 20.4%	COARSE SAND: 12.2%		
MODE 2:	2400.0	-1.243	SAND: 76.0%	MEDIUM SAND: 16.4%		
MODE 3:			MUD: 3.6%	FINE SAND: 21.8%		
D_{10} :	108.2	-1.444		V FINE SAND: 8.7%		
MEDIAN or D_{50} :	489.5	1.031	V COARSE GRAVEL: 0.0%	V COARSE SILT: 0.6%		
D_{90} :	2720.5	3.208	COARSE GRAVEL: 0.0%	COARSE SILT: 0.6%		
(D_{90} / D_{10}) :	25.14	-2.222	MEDIUM GRAVEL: 0.0%	MEDIUM SILT: 0.6%		
$(D_{90} - D_{10})$:	2612.3	4.652	FINE GRAVEL: 2.9%	FINE SILT: 0.6%		
(D_{75} / D_{25}) :	8.754	-3.105	V FINE GRAVEL: 17.5%	V FINE SILT: 0.6%		
$(D_{75} - D_{25})$:	1502.6	3.130	V COARSE SAND: 16.9%	CLAY: 0.6%		
	METHOD OF MOMENTS			FOLK & WARD METHOD		
	Arithmetic μm	Geometric μm	Logarithmic ϕ	Geometric μm	Logarithmic ϕ	Description
MEAN (\bar{x}):	1070.6	501.7	0.995	542.3	0.883	Coarse Sand
SORTING (σ):	1171.1	4.088	2.031	3.599	1.847	Poorly Sorted
SKEWNESS (Sk):	1.392	-0.667	0.667	0.065	-0.065	Symmetrical
KURTOSIS (K):	4.310	3.595	3.595	0.733	0.733	Platykurtic

GRAIN SIZE DISTRIBUTION