

SIEVING ERROR: 0.2%

SAMPLE STATISTICSSAMPLE IDENTITY: **SR-25-540**

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:	215.0	2.237	GRAVEL: 22.6%	COARSE SAND: 10.0%		
MODE 2:	2400.0	-1.243	SAND: 76.9%	MEDIUM SAND: 25.7%		
MODE 3:			MUD: 0.5%	FINE SAND: 23.5%		
D_{10} :	186.0	-1.562		V FINE SAND: 2.5%		
MEDIAN or D_{50} :	452.1	1.145	V COARSE GRAVEL: 0.0%	V COARSE SILT: 0.1%		
D_{90} :	2952.5	2.427	COARSE GRAVEL: 0.0%	COARSE SILT: 0.1%		
(D_{90} / D_{10}) :	15.87	-1.554	MEDIUM GRAVEL: 0.0%	MEDIUM SILT: 0.1%		
$(D_{90} - D_{10})$:	2766.5	3.989	FINE GRAVEL: 0.5%	FINE SILT: 0.1%		
(D_{75} / D_{25}) :	7.464	-2.371	V FINE GRAVEL: 22.0%	V FINE SILT: 0.1%		
$(D_{75} - D_{25})$:	1572.2	2.900	V COARSE SAND: 15.3%	CLAY: 0.1%		
	METHOD OF MOMENTS			FOLK & WARD METHOD		
	Arithmetic μm	Geometric μm	Logarithmic ϕ	Geometric μm	Logarithmic ϕ	Description
MEAN (\bar{x}):	1103.5	611.7	0.709	612.0	0.708	Coarse Sand
SORTING (σ):	1123.5	3.077	1.622	3.004	1.587	Poorly Sorted
SKEWNESS (Sk):	1.083	-0.037	0.037	0.324	-0.324	Very Coarse Skewed
KURTOSIS (K):	2.922	2.600	2.600	0.649	0.649	Very Platykurtic

GRAIN SIZE DISTRIBUTION