

SIEVING ERROR: 0.1%

SAMPLE STATISTICSSAMPLE IDENTITY: **SR-37-300**

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: 5.4%	COARSE SAND: 13.1%		
MODE 2:	1200.0	-0.243	SAND: 94.5%	MEDIUM SAND: 25.0%		
MODE 3:			MUD: 0.1%	FINE SAND: 36.8%		
D_{10} :	136.2	-0.633		V FINE SAND: 5.9%		
MEDIAN or D_{50} :	299.4	1.740	V COARSE GRAVEL: 0.0%	V COARSE SILT: 0.0%		
D_{90} :	1550.8	2.876	COARSE GRAVEL: 0.0%	COARSE SILT: 0.0%		
(D_{90} / D_{10}) :	11.38	-4.544	MEDIUM GRAVEL: 0.0%	MEDIUM SILT: 0.0%		
$(D_{90} - D_{10})$:	1414.6	3.509	FINE GRAVEL: 0.3%	FINE SILT: 0.0%		
(D_{75} / D_{25}) :	3.937	5.416	V FINE GRAVEL: 5.1%	V FINE SILT: 0.0%		
$(D_{75} - D_{25})$:	547.0	1.977	V COARSE SAND: 13.7%	CLAY: 0.0%		
	METHOD OF MOMENTS			FOLK & WARD METHOD		
	Arithmetic μm	Geometric μm	Logarithmic ϕ	Geometric μm	Logarithmic ϕ	Description
MEAN (\bar{x}):	608.4	375.6	1.413	376.9	1.408	Medium Sand
SORTING (σ):	700.6	2.501	1.322	2.553	1.352	Poorly Sorted
SKEWNESS (Sk):	2.372	0.573	-0.573	0.346	-0.346	Very Coarse Skewed
KURTOSIS (K):	9.608	2.675	2.675	0.859	0.859	Platykurtic

GRAIN SIZE DISTRIBUTION