

SIEVING ERROR: 0.3%

SAMPLE STATISTICSSAMPLE IDENTITY: **SR-57-140**

ANALYST & DATE: ,

SAMPLE TYPE: Trimodal, 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: 17.0%	COARSE SAND: 20.6%		
MODE 2:	605.0	0.747	SAND: 82.7%	MEDIUM SAND: 21.7%		
MODE 3:	1700.0	-0.743	MUD: 0.2%	FINE SAND: 20.6%		
D_{10} :	186.0	-1.435		V FINE SAND: 1.5%		
MEDIAN or D_{50} :	595.9	0.747	V COARSE GRAVEL: 0.0%	V COARSE SILT: 0.0%		
D_{90} :	2703.3	2.427	COARSE GRAVEL: 0.0%	COARSE SILT: 0.0%		
(D_{90} / D_{10}) :	14.54	-1.692	MEDIUM GRAVEL: 0.0%	MEDIUM SILT: 0.0%		
$(D_{90} - D_{10})$:	2517.3	3.862	FINE GRAVEL: 3.5%	FINE SILT: 0.0%		
(D_{75} / D_{25}) :	5.522	-3.150	V FINE GRAVEL: 13.5%	V FINE SILT: 0.0%		
$(D_{75} - D_{25})$:	1236.0	2.465	V COARSE SAND: 18.3%	CLAY: 0.0%		
	METHOD OF MOMENTS			FOLK & WARD METHOD		
	Arithmetic	Geometric	Logarithmic	Geometric	Logarithmic	Description
	μm	μm	ϕ	μm	ϕ	
MEAN (\bar{x}):	1087.7	648.4	0.625	644.5	0.634	Coarse Sand
SORTING (σ):	1135.4	2.788	1.479	2.868	1.520	Poorly Sorted
SKEWNESS (Sk):	1.664	0.037	-0.037	0.118	-0.118	Coarse Skewed
KURTOSIS (K):	5.266	2.625	2.625	0.767	0.767	Platykurtic

GRAIN SIZE DISTRIBUTION