

SIEVING ERROR: 0.2%

SAMPLE STATISTICSSAMPLE IDENTITY: **SR-15-210**

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: 5.4%	COARSE SAND: 10.7%		
MODE 2:	1700.0	-0.743	SAND: 92.3%	MEDIUM SAND: 34.9%		
MODE 3:			MUD: 2.4%	FINE SAND: 31.8%		
D_{10} :	133.8	-0.485		V FINE SAND: 6.0%		
MEDIAN or D_{50} :	292.0	1.776	V COARSE GRAVEL: 0.0%	V COARSE SILT: 0.4%		
D_{90} :	1399.2	2.902	COARSE GRAVEL: 0.0%	COARSE SILT: 0.4%		
(D_{90} / D_{10}) :	10.46	-5.989	MEDIUM GRAVEL: 0.0%	MEDIUM SILT: 0.4%		
$(D_{90} - D_{10})$:	1265.5	3.387	FINE GRAVEL: 1.7%	FINE SILT: 0.4%		
(D_{75} / D_{25}) :	2.484	2.310	V FINE GRAVEL: 3.6%	V FINE SILT: 0.4%		
$(D_{75} - D_{25})$:	298.3	1.313	V COARSE SAND: 8.9%	CLAY: 0.4%		
	METHOD OF MOMENTS			FOLK & WARD METHOD		
	Arithmetic μm	Geometric μm	Logarithmic ϕ	Geometric μm	Logarithmic ϕ	Description
MEAN (\bar{x}):	567.6	329.5	1.602	352.0	1.506	Medium Sand
SORTING (σ):	773.3	2.797	1.484	2.416	1.273	Poorly Sorted
SKEWNESS (Sk):	3.445	-0.438	0.438	0.299	-0.299	Coarse Skewed
KURTOSIS (K):	16.98	6.026	6.026	1.405	1.405	Leptokurtic

GRAIN SIZE DISTRIBUTION