

SIEVING ERROR: 0.1%

SAMPLE STATISTICSSAMPLE IDENTITY: **SR-11-100**

ANALYST & DATE: ,

SAMPLE TYPE: Bimodal, Moderately Sorted

TEXTURAL GROUP: Slightly Gravelly Sand

SEDIMENT NAME: Slightly Very Fine Gravelly Fine Sand

	μm	ϕ	GRAIN SIZE DISTRIBUTION			
MODE 1:	215.0	2.237	GRAVEL: 1.2%	COARSE SAND: 11.0%		
MODE 2:	855.0	0.247	SAND: 98.6%	MEDIUM SAND: 34.3%		
MODE 3:			MUD: 0.2%	FINE SAND: 40.8%		
D_{10} :	143.0	0.134		V FINE SAND: 5.4%		
MEDIAN or D_{50} :	264.2	1.920	V COARSE GRAVEL: 0.0%	V COARSE SILT: 0.0%		
D_{90} :	911.0	2.806	COARSE GRAVEL: 0.0%	COARSE SILT: 0.0%		
(D_{90} / D_{10}) :	6.371	20.88	MEDIUM GRAVEL: 0.0%	MEDIUM SILT: 0.0%		
$(D_{90} - D_{10})$:	768.0	2.671	FINE GRAVEL: 0.2%	FINE SILT: 0.0%		
(D_{75} / D_{25}) :	2.153	1.889	V FINE GRAVEL: 0.9%	V FINE SILT: 0.0%		
$(D_{75} - D_{25})$:	226.0	1.106	V COARSE SAND: 7.1%	CLAY: 0.0%		
	METHOD OF MOMENTS			FOLK & WARD METHOD		
	Arithmetic μm	Geometric μm	Logarithmic ϕ	Geometric μm	Logarithmic ϕ	Description
MEAN (\bar{x}):	417.3	305.5	1.711	307.3	1.702	Medium Sand
SORTING (σ):	444.8	2.023	1.017	1.977	0.984	Moderately Sorted
SKEWNESS (Sk):	4.219	0.653	-0.653	0.334	-0.334	Very Coarse Skewed
KURTOSIS (K):	30.72	4.786	4.786	1.247	1.247	Leptokurtic

GRAIN SIZE DISTRIBUTION