

SIEVING ERROR: 0.1%

SAMPLE STATISTICS

SAMPLE IDENTITY: **SR-51-100**

ANALYST & DATE: ,

SAMPLE TYPE: Bimodal, Moderately Sorted

TEXTURAL GROUP: Slightly Gravelly Sand

SEDIMENT NAME: Slightly Very Fine Gravelly Medium Sand

	μm	ϕ	GRAIN SIZE DISTRIBUTION			
MODE 1:	302.5	1.747	GRAVEL: 2.2%	COARSE SAND: 16.7%		
MODE 2:	855.0	0.247	SAND: 97.8%	MEDIUM SAND: 47.8%		
MODE 3:			MUD: 0.0%	FINE SAND: 20.8%		
D_{10} :	197.9	-0.230		V FINE SAND: 1.1%		
MEDIAN or D_{50} :	351.7	1.507	V COARSE GRAVEL: 0.0%	V COARSE SILT: 0.0%		
D_{90} :	1172.8	2.337	COARSE GRAVEL: 0.0%	COARSE SILT: 0.0%		
(D_{90} / D_{10}) :	5.926	-10.163	MEDIUM GRAVEL: 0.0%	MEDIUM SILT: 0.0%		
$(D_{90} - D_{10})$:	974.9	2.567	FINE GRAVEL: 0.2%	FINE SILT: 0.0%		
(D_{75} / D_{25}) :	2.411	2.878	V FINE GRAVEL: 2.0%	V FINE SILT: 0.0%		
$(D_{75} - D_{25})$:	366.3	1.270	V COARSE SAND: 11.4%	CLAY: 0.0%		
	METHOD OF MOMENTS			FOLK & WARD METHOD		
	Arithmetic μm	Geometric μm	Logarithmic ϕ	Geometric μm	Logarithmic ϕ	Description
MEAN (\bar{x}):	554.3	415.6	1.267	414.1	1.272	Medium Sand
SORTING (σ):	527.9	1.982	0.987	1.971	0.979	Moderately Sorted
SKEWNESS (Sk):	3.258	0.723	-0.723	0.357	-0.357	Very Coarse Skewed
KURTOSIS (K):	18.62	3.561	3.561	1.006	1.006	Mesokurtic

GRAIN SIZE DISTRIBUTION

