

SIEVING ERROR: 0.2%

SAMPLE STATISTICS

SAMPLE IDENTITY: **SR-38-100**

ANALYST & DATE: ,

SAMPLE TYPE: Unimodal, 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: 2.0%	COARSE SAND: 5.0%		
MODE 2:			SAND: 97.9%	MEDIUM SAND: 45.7%		
MODE 3:			MUD: 0.1%	FINE SAND: 39.2%		
D_{10} :	136.8	1.043		V FINE SAND: 6.2%		
MEDIAN or D_{50} :	262.6	1.929	V COARSE GRAVEL: 0.0%	V COARSE SILT: 0.0%		
D_{90} :	485.2	2.869	COARSE GRAVEL: 0.0%	COARSE SILT: 0.0%		
(D_{90} / D_{10}) :	3.546	2.750	MEDIUM GRAVEL: 0.0%	MEDIUM SILT: 0.0%		
$(D_{90} - D_{10})$:	348.3	1.826	FINE GRAVEL: 0.5%	FINE SILT: 0.0%		
(D_{75} / D_{25}) :	1.827	1.569	V FINE GRAVEL: 1.4%	V FINE SILT: 0.0%		
$(D_{75} - D_{25})$:	156.9	0.870	V COARSE SAND: 1.8%	CLAY: 0.0%		
	METHOD OF MOMENTS			FOLK & WARD METHOD		
	Arithmetic μm	Geometric μm	Logarithmic ϕ	Geometric μm	Logarithmic ϕ	Description
MEAN (\bar{x}):	364.3	271.8	1.880	259.5	1.946	Medium Sand
SORTING (σ):	496.3	1.858	0.893	1.684	0.752	Moderately Sorted
SKEWNESS (Sk):	6.135	1.221	-1.221	0.037	-0.037	Symmetrical
KURTOSIS (K):	46.52	8.652	8.652	1.250	1.250	Leptokurtic

GRAIN SIZE DISTRIBUTION

