

SIEVING ERROR: 0.1%

SAMPLE STATISTICS

SAMPLE IDENTITY: **SR-37-100**

ANALYST & DATE: ,

SAMPLE TYPE: Unimodal, 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: 0.5%	COARSE SAND: 7.7%		
MODE 2:			SAND: 99.4%	MEDIUM SAND: 26.0%		
MODE 3:			MUD: 0.1%	FINE SAND: 57.5%		
D_{10} :	131.8	0.963		V FINE SAND: 6.2%		
MEDIAN or D_{50} :	216.9	2.205	V COARSE GRAVEL: 0.0%	V COARSE SILT: 0.0%		
D_{90} :	513.0	2.923	COARSE GRAVEL: 0.0%	COARSE SILT: 0.0%		
(D_{90} / D_{10}) :	3.892	3.036	MEDIUM GRAVEL: 0.0%	MEDIUM SILT: 0.0%		
$(D_{90} - D_{10})$:	381.2	1.960	FINE GRAVEL: 0.0%	FINE SILT: 0.0%		
(D_{75} / D_{25}) :	1.938	1.574	V FINE GRAVEL: 0.5%	V FINE SILT: 0.0%		
$(D_{75} - D_{25})$:	152.9	0.955	V COARSE SAND: 2.1%	CLAY: 0.0%		
	METHOD OF MOMENTS			FOLK & WARD METHOD		
	Arithmetic	Geometric	Logarithmic	Geometric	Logarithmic	Description
	μm	μm	ϕ	μm	ϕ	
MEAN (\bar{x}):	303.3	241.0	2.053	232.4	2.105	Fine Sand
SORTING (σ):	303.5	1.782	0.834	1.736	0.796	Moderately Sorted
SKEWNESS (Sk):	5.698	1.093	-1.093	0.278	-0.278	Coarse Skewed
KURTOSIS (K):	50.00	5.847	5.847	1.198	1.198	Leptokurtic

GRAIN SIZE DISTRIBUTION

