

SIEVING ERROR: 0.1%

SAMPLE STATISTICS

SAMPLE IDENTITY: **SR-37-200**

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: 0.3%	COARSE SAND: 7.3%		
MODE 2:			SAND: 99.6%	MEDIUM SAND: 26.3%		
MODE 3:			MUD: 0.1%	FINE SAND: 56.9%		
D_{10} :	130.7	1.002		V FINE SAND: 6.8%		
MEDIAN or D_{50} :	216.5	2.208	V COARSE GRAVEL: 0.0%	V COARSE SILT: 0.0%		
D_{90} :	499.2	2.936	COARSE GRAVEL: 0.0%	COARSE SILT: 0.0%		
(D_{90} / D_{10}) :	3.820	2.929	MEDIUM GRAVEL: 0.0%	MEDIUM SILT: 0.0%		
$(D_{90} - D_{10})$:	368.6	1.934	FINE GRAVEL: 0.1%	FINE SILT: 0.0%		
(D_{75} / D_{25}) :	1.939	1.572	V FINE GRAVEL: 0.2%	V FINE SILT: 0.0%		
$(D_{75} - D_{25})$:	152.2	0.956	V COARSE SAND: 2.4%	CLAY: 0.0%		
	METHOD OF MOMENTS			FOLK & WARD METHOD		
	Arithmetic μm	Geometric μm	Logarithmic ϕ	Geometric μm	Logarithmic ϕ	Description
MEAN (\bar{x}):	299.3	239.1	2.064	230.6	2.117	Fine Sand
SORTING (σ):	295.3	1.775	0.828	1.736	0.796	Moderately Sorted
SKEWNESS (Sk):	6.570	1.042	-1.042	0.260	-0.260	Coarse Skewed
KURTOSIS (K):	76.75	5.733	5.733	1.205	1.205	Leptokurtic

GRAIN SIZE DISTRIBUTION

