

SIEVING ERROR: 0.1%

SAMPLE STATISTICSSAMPLE IDENTITY: **PEN-91-01_500**

ANALYST & DATE: TB/RM, 8/19/91

SAMPLE TYPE: Unimodal, Moderately Well Sorted

TEXTURAL GROUP: Sand

SEDIMENT NAME: Moderately Well Sorted Medium Sand

	μm	ϕ	GRAIN SIZE DISTRIBUTION			
MODE 1:	273.5	1.876	GRAVEL: 0.0%	COARSE SAND: 8.3%		
MODE 2:			SAND: 100.0%	MEDIUM SAND: 70.4%		
MODE 3:			MUD: 0.0%	FINE SAND: 16.8%		
D ₁₀ :	189.0	1.000		V FINE SAND: 2.7%		
MEDIAN or D ₅₀ :	294.0	1.766	V COARSE GRAVEL: 0.0%	V COARSE SILT: 0.0%		
D ₉₀ :	500.0	2.403	COARSE GRAVEL: 0.0%	COARSE SILT: 0.0%		
(D ₉₀ / D ₁₀):	2.645	2.403	MEDIUM GRAVEL: 0.0%	MEDIUM SILT: 0.0%		
(D ₉₀ - D ₁₀):	311.0	1.403	FINE GRAVEL: 0.0%	FINE SILT: 0.0%		
(D ₇₅ / D ₂₅):	1.481	1.408	V FINE GRAVEL: 0.0%	V FINE SILT: 0.0%		
(D ₇₅ - D ₂₅):	123.9	0.567	V COARSE SAND: 1.7%	CLAY: 0.0%		
	METHOD OF MOMENTS			FOLK & WARD METHOD		
	Arithmetic	Geometric	Logarithmic	Geometric	Logarithmic	Description
	μm	μm	ϕ	μm	ϕ	
MEAN (\bar{x}):	335.8	306.9	1.704	310.0	1.690	Medium Sand
SORTING (σ):	157.0	1.502	0.586	1.458	0.544	Moderately Well Sorted
SKEWNESS (Sk):	2.354	0.165	-0.165	0.119	-0.119	Coarse Skewed
KURTOSIS (K):	11.21	4.426	4.426	1.433	1.433	Leptokurtic

GRAIN SIZE DISTRIBUTION