

SIEVING ERROR: 0.2%

SAMPLE STATISTICSSAMPLE IDENTITY: **PEN-91-01_175**

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

SAMPLE TYPE: Unimodal, Well Sorted

TEXTURAL GROUP: Sand

SEDIMENT NAME: Well Sorted Medium Sand

	μm	ϕ	GRAIN SIZE DISTRIBUTION			
MODE 1:	273.5	1.876	GRAVEL: 0.0%	COARSE SAND: 8.2%		
MODE 2:			SAND: 100.0%	MEDIUM SAND: 80.2%		
MODE 3:			MUD: 0.0%	FINE SAND: 11.0%		
D ₁₀ :	238.4	1.035		V FINE SAND: 0.4%		
MEDIAN or D ₅₀ :	312.2	1.679	V COARSE GRAVEL: 0.0%	V COARSE SILT: 0.0%		
D ₉₀ :	488.1	2.069	COARSE GRAVEL: 0.0%	COARSE SILT: 0.0%		
(D ₉₀ / D ₁₀):	2.048	1.999	MEDIUM GRAVEL: 0.0%	MEDIUM SILT: 0.0%		
(D ₉₀ - D ₁₀):	249.7	1.034	FINE GRAVEL: 0.0%	FINE SILT: 0.0%		
(D ₇₅ / D ₂₅):	1.464	1.409	V FINE GRAVEL: 0.0%	V FINE SILT: 0.0%		
(D ₇₅ - D ₂₅):	124.9	0.550	V COARSE SAND: 0.2%	CLAY: 0.0%		
	METHOD OF MOMENTS			FOLK & WARD METHOD		
	Arithmetic	Geometric	Logarithmic	Geometric	Logarithmic	Description
	μm	μm	ϕ	μm	ϕ	
MEAN (\bar{x}):	342.2	324.8	1.622	329.2	1.603	Medium Sand
SORTING (σ):	115.1	1.358	0.442	1.341	0.424	Well Sorted
SKEWNESS (Sk):	2.045	0.203	-0.203	0.202	-0.202	Coarse Skewed
KURTOSIS (K):	13.27	4.446	4.446	1.102	1.102	Mesokurtic

GRAIN SIZE DISTRIBUTION