

SIEVING ERROR: 0.1%

SAMPLE STATISTICSSAMPLE IDENTITY: **PEN-91-02_25**

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

SAMPLE TYPE: Trimodal, Moderately Sorted

TEXTURAL GROUP: Sand

SEDIMENT NAME: Moderately Sorted Medium Sand

	μm	ϕ	GRAIN SIZE DISTRIBUTION			
MODE 1:	273.5	1.876	GRAVEL: 0.0%	COARSE SAND: 16.3%		
MODE 2:	193.5	2.375	SAND: 100.0%	MEDIUM SAND: 50.0%		
MODE 3:	460.0	1.126	MUD: 0.0%	FINE SAND: 30.6%		
D ₁₀ :	169.4	0.792		V FINE SAND: 2.2%		
MEDIAN or D ₅₀ :	288.6	1.793	V COARSE GRAVEL: 0.0%	V COARSE SILT: 0.0%		
D ₉₀ :	577.7	2.562	COARSE GRAVEL: 0.0%	COARSE SILT: 0.0%		
(D ₉₀ / D ₁₀):	3.411	3.236	MEDIUM GRAVEL: 0.0%	MEDIUM SILT: 0.0%		
(D ₉₀ - D ₁₀):	408.3	1.770	FINE GRAVEL: 0.0%	FINE SILT: 0.0%		
(D ₇₅ / D ₂₅):	2.028	1.848	V FINE GRAVEL: 0.0%	V FINE SILT: 0.0%		
(D ₇₅ - D ₂₅):	220.2	1.020	V COARSE SAND: 0.9%	CLAY: 0.0%		
	METHOD OF MOMENTS			FOLK & WARD METHOD		
	Arithmetic	Geometric	Logarithmic	Geometric	Logarithmic	Description
	μm	μm	ϕ	μm	ϕ	
MEAN (\bar{x}):	345.2	305.3	1.712	302.9	1.723	Medium Sand
SORTING (σ):	181.5	1.617	0.694	1.629	0.704	Moderately Sorted
SKEWNESS (Sk):	1.515	0.231	-0.231	0.135	-0.135	Coarse Skewed
KURTOSIS (K):	5.724	2.750	2.750	0.908	0.908	Mesokurtic

GRAIN SIZE DISTRIBUTION