

SIEVING ERROR: 0.4%

SAMPLE STATISTICSSAMPLE IDENTITY: **PEN-93-4_25**

ANALYST & DATE: SA/RM, 7/29/1993

SAMPLE TYPE: Unimodal, Moderately Well Sorted

TEXTURAL GROUP: Sand

SEDIMENT NAME: Moderately Well Sorted Medium Sand

	μm	ϕ	GRAIN SIZE DISTRIBUTION			
MODE 1:	460.0	1.126	GRAVEL: 0.0%	COARSE SAND: 42.9%		
MODE 2:			SAND: 100.0%	MEDIUM SAND: 51.7%		
MODE 3:			MUD: 0.0%	FINE SAND: 1.2%		
D ₁₀ :	308.7	0.258		V FINE SAND: 0.0%		
MEDIAN or D ₅₀ :	488.6	1.033	V COARSE GRAVEL: 0.0%	V COARSE SILT: 0.0%		
D ₉₀ :	836.2	1.696	COARSE GRAVEL: 0.0%	COARSE SILT: 0.0%		
(D ₉₀ / D ₁₀):	2.709	6.571	MEDIUM GRAVEL: 0.0%	MEDIUM SILT: 0.0%		
(D ₉₀ - D ₁₀):	527.5	1.438	FINE GRAVEL: 0.0%	FINE SILT: 0.0%		
(D ₇₅ / D ₂₅):	1.563	1.888	V FINE GRAVEL: 0.0%	V FINE SILT: 0.0%		
(D ₇₅ - D ₂₅):	217.9	0.645	V COARSE SAND: 4.2%	CLAY: 0.0%		
	METHOD OF MOMENTS			FOLK & WARD METHOD		
	Arithmetic	Geometric	Logarithmic	Geometric	Logarithmic	Description
	μm	μm	ϕ	μm	ϕ	
MEAN (\bar{x}):	536.8	497.4	1.008	492.7	1.021	Medium Sand
SORTING (σ):	222.4	1.450	0.536	1.458	0.544	Moderately Well Sorted
SKEWNESS (Sk):	1.694	0.370	-0.370	0.066	-0.066	Symmetrical
KURTOSIS (K):	7.360	3.263	3.263	1.157	1.157	Leptokurtic

GRAIN SIZE DISTRIBUTION