

SIEVING ERROR: 0.5%

SAMPLE STATISTICSSAMPLE IDENTITY: **PEN-93-5_25**

ANALYST & DATE: TB/RM, 7/31/1993

SAMPLE TYPE: Unimodal, Well Sorted

TEXTURAL GROUP: Sand

SEDIMENT NAME: Well Sorted Medium Sand

	μm	ϕ	GRAIN SIZE DISTRIBUTION			
MODE 1:	460.0	1.126	GRAVEL: 0.0%	COARSE SAND: 25.4%		
MODE 2:			SAND: 100.0%	MEDIUM SAND: 68.2%		
MODE 3:			MUD: 0.0%	FINE SAND: 5.7%		
D ₁₀ :	261.5	0.766		V FINE SAND: 0.3%		
MEDIAN or D ₅₀ :	406.1	1.300	V COARSE GRAVEL: 0.0%	V COARSE SILT: 0.0%		
D ₉₀ :	588.1	1.935	COARSE GRAVEL: 0.0%	COARSE SILT: 0.0%		
(D ₉₀ / D ₁₀):	2.249	2.527	MEDIUM GRAVEL: 0.0%	MEDIUM SILT: 0.0%		
(D ₉₀ - D ₁₀):	326.6	1.169	FINE GRAVEL: 0.0%	FINE SILT: 0.0%		
(D ₇₅ / D ₂₅):	1.629	1.713	V FINE GRAVEL: 0.0%	V FINE SILT: 0.0%		
(D ₇₅ - D ₂₅):	194.7	0.704	V COARSE SAND: 0.4%	CLAY: 0.0%		
	METHOD OF MOMENTS			FOLK & WARD METHOD		
	Arithmetic	Geometric	Logarithmic	Geometric	Logarithmic	Description
	μm	μm	ϕ	μm	ϕ	
MEAN (\bar{x}):	421.5	396.4	1.335	397.6	1.331	Medium Sand
SORTING (σ):	145.2	1.410	0.496	1.394	0.479	Well Sorted
SKEWNESS (Sk):	1.043	-0.234	0.234	-0.070	0.070	Symmetrical
KURTOSIS (K):	5.528	3.490	3.490	0.896	0.896	Platykurtic

GRAIN SIZE DISTRIBUTION