

SIEVING ERROR: 0.7%

SAMPLE STATISTICSSAMPLE IDENTITY: **PEN-93-5_125**

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: 32.0%		
MODE 2:			SAND: 100.0%	MEDIUM SAND: 61.9%		
MODE 3:			MUD: 0.0%	FINE SAND: 5.1%		
D ₁₀ :	266.3	0.648		V FINE SAND: 0.3%		
MEDIAN or D ₅₀ :	432.9	1.208	V COARSE GRAVEL: 0.0%	V COARSE SILT: 0.0%		
D ₉₀ :	638.2	1.909	COARSE GRAVEL: 0.0%	COARSE SILT: 0.0%		
(D ₉₀ / D ₁₀):	2.397	2.947	MEDIUM GRAVEL: 0.0%	MEDIUM SILT: 0.0%		
(D ₉₀ - D ₁₀):	371.9	1.261	FINE GRAVEL: 0.0%	FINE SILT: 0.0%		
(D ₇₅ / D ₂₅):	1.646	1.797	V FINE GRAVEL: 0.0%	V FINE SILT: 0.0%		
(D ₇₅ - D ₂₅):	210.0	0.719	V COARSE SAND: 0.6%	CLAY: 0.0%		
	METHOD OF MOMENTS			FOLK & WARD METHOD		
	Arithmetic	Geometric	Logarithmic	Geometric	Logarithmic	Description
	μm	μm	ϕ	μm	ϕ	
MEAN (\bar{x}):	446.9	417.8	1.259	417.2	1.261	Medium Sand
SORTING (σ):	161.3	1.436	0.522	1.408	0.494	Well Sorted
SKEWNESS (Sk):	1.099	-0.297	0.297	-0.110	0.110	Fine Skewed
KURTOSIS (K):	5.754	3.629	3.629	0.915	0.915	Mesokurtic

GRAIN SIZE DISTRIBUTION