

SIEVING ERROR: 0.4%

SAMPLE STATISTICSSAMPLE IDENTITY: **PEN-93-5_50**

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: 30.3%		
MODE 2:			SAND: 100.0%	MEDIUM SAND: 64.5%		
MODE 3:			MUD: 0.0%	FINE SAND: 4.2%		
D ₁₀ :	269.7	0.655		V FINE SAND: 0.1%		
MEDIAN or D ₅₀ :	428.3	1.223	V COARSE GRAVEL: 0.0%	V COARSE SILT: 0.0%		
D ₉₀ :	635.2	1.890	COARSE GRAVEL: 0.0%	COARSE SILT: 0.0%		
(D ₉₀ / D ₁₀):	2.355	2.887	MEDIUM GRAVEL: 0.0%	MEDIUM SILT: 0.0%		
(D ₉₀ - D ₁₀):	365.4	1.236	FINE GRAVEL: 0.0%	FINE SILT: 0.0%		
(D ₇₅ / D ₂₅):	1.629	1.768	V FINE GRAVEL: 0.0%	V FINE SILT: 0.0%		
(D ₇₅ - D ₂₅):	204.5	0.704	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}):	446.8	419.3	1.254	416.1	1.265	Medium Sand
SORTING (σ):	160.4	1.413	0.499	1.396	0.482	Well Sorted
SKEWNESS (Sk):	1.231	-0.013	0.013	-0.052	0.052	Symmetrical
KURTOSIS (K):	5.677	3.299	3.299	0.909	0.909	Mesokurtic

GRAIN SIZE DISTRIBUTION