

SIEVING ERROR: 0.3%

SAMPLE STATISTICSSAMPLE IDENTITY: **PEN-93-5_225**

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: 37.7%		
MODE 2:			SAND: 100.0%	MEDIUM SAND: 58.8%		
MODE 3:			MUD: 0.0%	FINE SAND: 2.4%		
D ₁₀ :	285.6	0.549		V FINE SAND: 0.1%		
MEDIAN or D ₅₀ :	457.3	1.129	V COARSE GRAVEL: 0.0%	V COARSE SILT: 0.0%		
D ₉₀ :	683.7	1.808	COARSE GRAVEL: 0.0%	COARSE SILT: 0.0%		
(D ₉₀ / D ₁₀):	2.394	3.296	MEDIUM GRAVEL: 0.0%	MEDIUM SILT: 0.0%		
(D ₉₀ - D ₁₀):	398.1	1.260	FINE GRAVEL: 0.0%	FINE SILT: 0.0%		
(D ₇₅ / D ₂₅):	1.576	1.781	V FINE GRAVEL: 0.0%	V FINE SILT: 0.0%		
(D ₇₅ - D ₂₅):	204.1	0.656	V COARSE SAND: 1.1%	CLAY: 0.0%		
	METHOD OF MOMENTS			FOLK & WARD METHOD		
	Arithmetic	Geometric	Logarithmic	Geometric	Logarithmic	Description
	μm	μm	ϕ	μm	ϕ	
MEAN (\bar{x}):	477.7	449.3	1.154	443.0	1.175	Medium Sand
SORTING (σ):	166.7	1.405	0.490	1.402	0.487	Well Sorted
SKEWNESS (Sk):	1.089	-0.052	0.052	-0.065	0.065	Symmetrical
KURTOSIS (K):	4.820	3.298	3.298	1.021	1.021	Mesokurtic

GRAIN SIZE DISTRIBUTION