

SIEVING ERROR: 0.3%

SAMPLE STATISTICSSAMPLE IDENTITY: **PEN-93-5_75**

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

SAMPLE TYPE: Bimodal, 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: 35.1%		
MODE 2:	325.5	1.625	SAND: 100.0%	MEDIUM SAND: 61.1%		
MODE 3:			MUD: 0.0%	FINE SAND: 3.5%		
D ₁₀ :	277.8	0.564		V FINE SAND: 0.3%		
MEDIAN or D ₅₀ :	439.2	1.187	V COARSE GRAVEL: 0.0%	V COARSE SILT: 0.0%		
D ₉₀ :	676.5	1.848	COARSE GRAVEL: 0.0%	COARSE SILT: 0.0%		
(D ₉₀ / D ₁₀):	2.435	3.277	MEDIUM GRAVEL: 0.0%	MEDIUM SILT: 0.0%		
(D ₉₀ - D ₁₀):	398.7	1.284	FINE GRAVEL: 0.0%	FINE SILT: 0.0%		
(D ₇₅ / D ₂₅):	1.633	1.817	V FINE GRAVEL: 0.0%	V FINE SILT: 0.0%		
(D ₇₅ - D ₂₅):	212.6	0.708	V COARSE SAND: 0.0%	CLAY: 0.0%		
	METHOD OF MOMENTS			FOLK & WARD METHOD		
	Arithmetic	Geometric	Logarithmic	Geometric	Logarithmic	Description
	μm	μm	ϕ	μm	ϕ	
MEAN (\bar{x}):	460.4	431.4	1.213	430.2	1.217	Medium Sand
SORTING (σ):	161.7	1.427	0.513	1.405	0.490	Well Sorted
SKEWNESS (Sk):	0.809	-0.315	0.315	-0.027	0.027	Symmetrical
KURTOSIS (K):	3.640	3.724	3.724	0.944	0.944	Mesokurtic

GRAIN SIZE DISTRIBUTION