

SIEVING ERROR: 0.3%

SAMPLE STATISTICSSAMPLE IDENTITY: **PEN-93-3_300**

ANALYST & DATE: TB/RM, 7/29/1993

SAMPLE TYPE: Bimodal, Moderately Well Sorted

TEXTURAL GROUP: Sand

SEDIMENT NAME: Moderately Well Sorted Medium Sand

	μm	ϕ	GRAIN SIZE DISTRIBUTION			
MODE 1:	460.0	1.126	GRAVEL: 0.0%	COARSE SAND: 33.5%		
MODE 2:	273.5	1.876	SAND: 99.9%	MEDIUM SAND: 53.0%		
MODE 3:			MUD: 0.1%	FINE SAND: 8.1%		
D ₁₀ :	253.3	0.341		V FINE SAND: 0.9%		
MEDIAN or D ₅₀ :	441.4	1.180	V COARSE GRAVEL: 0.0%	V COARSE SILT: 0.1%		
D ₉₀ :	789.3	1.981	COARSE GRAVEL: 0.0%	COARSE SILT: 0.0%		
(D ₉₀ / D ₁₀):	3.116	5.804	MEDIUM GRAVEL: 0.0%	MEDIUM SILT: 0.0%		
(D ₉₀ - D ₁₀):	536.0	1.640	FINE GRAVEL: 0.0%	FINE SILT: 0.0%		
(D ₇₅ / D ₂₅):	1.824	2.083	V FINE GRAVEL: 0.0%	V FINE SILT: 0.0%		
(D ₇₅ - D ₂₅):	259.4	0.867	V COARSE SAND: 4.4%	CLAY: 0.0%		
	METHOD OF MOMENTS			FOLK & WARD METHOD		
	Arithmetic	Geometric	Logarithmic	Geometric	Logarithmic	Description
	μm	μm	ϕ	μm	ϕ	
MEAN (\bar{x}):	487.3	433.7	1.205	433.2	1.207	Medium Sand
SORTING (σ):	248.1	1.609	0.686	1.584	0.664	Moderately Well Sorted
SKEWNESS (Sk):	1.766	-0.103	0.103	-0.031	0.031	Symmetrical
KURTOSIS (K):	7.717	3.839	3.839	1.077	1.077	Mesokurtic

GRAIN SIZE DISTRIBUTION