

SIEVING ERROR: 0.3%

SAMPLE STATISTICSSAMPLE IDENTITY: **PEN-93-3_100**

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

SAMPLE TYPE: Unimodal, Moderately Well Sorted

TEXTURAL GROUP: Sand

SEDIMENT NAME: Moderately Well Sorted Medium Sand

	μm	ϕ	GRAIN SIZE DISTRIBUTION			
MODE 1:	547.5	0.875	GRAVEL: 0.0%	COARSE SAND: 34.6%		
MODE 2:			SAND: 99.9%	MEDIUM SAND: 56.4%		
MODE 3:			MUD: 0.1%	FINE SAND: 7.5%		
D ₁₀ :	256.4	0.549		V FINE SAND: 0.6%		
MEDIAN or D ₅₀ :	434.6	1.202	V COARSE GRAVEL: 0.0%	V COARSE SILT: 0.1%		
D ₉₀ :	683.5	1.963	COARSE GRAVEL: 0.0%	COARSE SILT: 0.0%		
(D ₉₀ / D ₁₀):	2.665	3.576	MEDIUM GRAVEL: 0.0%	MEDIUM SILT: 0.0%		
(D ₉₀ - D ₁₀):	427.1	1.414	FINE GRAVEL: 0.0%	FINE SILT: 0.0%		
(D ₇₅ / D ₂₅):	1.746	1.938	V FINE GRAVEL: 0.0%	V FINE SILT: 0.0%		
(D ₇₅ - D ₂₅):	235.9	0.804	V COARSE SAND: 0.8%	CLAY: 0.0%		
	METHOD OF MOMENTS			FOLK & WARD METHOD		
	Arithmetic	Geometric	Logarithmic	Geometric	Logarithmic	Description
	μm	μm	ϕ	μm	ϕ	
MEAN (\bar{x}):	454.0	418.0	1.259	419.5	1.253	Medium Sand
SORTING (σ):	178.7	1.505	0.590	1.489	0.574	Moderately Well Sorted
SKEWNESS (Sk):	0.838	-0.489	0.489	-0.112	0.112	Fine Skewed
KURTOSIS (K):	3.932	4.009	4.009	0.988	0.988	Mesokurtic

GRAIN SIZE DISTRIBUTION