

SIEVING ERROR: 0.3%

SAMPLE STATISTICSSAMPLE IDENTITY: **PEN-93-3_125**

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: 28.8%		
MODE 2:	273.5	1.876	SAND: 99.8%	MEDIUM SAND: 60.4%		
MODE 3:			MUD: 0.2%	FINE SAND: 9.1%		
D ₁₀ :	249.6	0.663		V FINE SAND: 0.8%		
MEDIAN or D ₅₀ :	411.4	1.281	V COARSE GRAVEL: 0.0%	V COARSE SILT: 0.2%		
D ₉₀ :	631.4	2.002	COARSE GRAVEL: 0.0%	COARSE SILT: 0.0%		
(D ₉₀ / D ₁₀):	2.530	3.019	MEDIUM GRAVEL: 0.0%	MEDIUM SILT: 0.0%		
(D ₉₀ - D ₁₀):	381.8	1.339	FINE GRAVEL: 0.0%	FINE SILT: 0.0%		
(D ₇₅ / D ₂₅):	1.743	1.859	V FINE GRAVEL: 0.0%	V FINE SILT: 0.0%		
(D ₇₅ - D ₂₅):	223.2	0.801	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}):	429.6	395.6	1.338	398.9	1.326	Medium Sand
SORTING (σ):	171.1	1.504	0.588	1.473	0.558	Moderately Well Sorted
SKEWNESS (Sk):	1.101	-0.491	0.491	-0.124	0.124	Fine Skewed
KURTOSIS (K):	5.532	4.267	4.267	0.963	0.963	Mesokurtic

GRAIN SIZE DISTRIBUTION