

SIEVING ERROR: 0.2%

SAMPLE STATISTICSSAMPLE IDENTITY: **PEN-93-3_325**

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

SAMPLE TYPE: Bimodal, Moderately Sorted

TEXTURAL GROUP: Sand

SEDIMENT NAME: Moderately Sorted Medium Sand

	μm	ϕ	GRAIN SIZE DISTRIBUTION			
MODE 1:	547.5	0.875	GRAVEL: 0.0%	COARSE SAND: 36.9%		
MODE 2:	273.5	1.876	SAND: 100.0%	MEDIUM SAND: 48.9%		
MODE 3:			MUD: 0.0%	FINE SAND: 7.5%		
D ₁₀ :	256.4	0.183		V FINE SAND: 0.9%		
MEDIAN or D ₅₀ :	461.9	1.114	V COARSE GRAVEL: 0.0%	V COARSE SILT: 0.0%		
D ₉₀ :	880.6	1.963	COARSE GRAVEL: 0.0%	COARSE SILT: 0.0%		
(D ₉₀ / D ₁₀):	3.434	10.70	MEDIUM GRAVEL: 0.0%	MEDIUM SILT: 0.0%		
(D ₉₀ - D ₁₀):	624.2	1.780	FINE GRAVEL: 0.0%	FINE SILT: 0.0%		
(D ₇₅ / D ₂₅):	1.872	2.261	V FINE GRAVEL: 0.0%	V FINE SILT: 0.0%		
(D ₇₅ - D ₂₅):	283.4	0.905	V COARSE SAND: 5.8%	CLAY: 0.0%		
	METHOD OF MOMENTS			FOLK & WARD METHOD		
	Arithmetic	Geometric	Logarithmic	Geometric	Logarithmic	Description
	μm	μm	ϕ	μm	ϕ	
MEAN (\bar{x}):	517.9	456.8	1.130	457.6	1.128	Medium Sand
SORTING (σ):	272.4	1.640	0.714	1.629	0.704	Moderately Sorted
SKEWNESS (Sk):	1.613	-0.070	0.070	-0.009	0.009	Symmetrical
KURTOSIS (K):	6.555	3.499	3.499	1.066	1.066	Mesokurtic

GRAIN SIZE DISTRIBUTION