

SIEVING ERROR: 0.2%

SAMPLE STATISTICSSAMPLE IDENTITY: **PEN-91-02_50**

ANALYST & DATE: SA/RM, 8/19/91

SAMPLE TYPE: Trimodal, Moderately Sorted

TEXTURAL GROUP: Sand

SEDIMENT NAME: Moderately Sorted Medium Sand

	μm	ϕ	GRAIN SIZE DISTRIBUTION			
MODE 1:	273.5	1.876	GRAVEL: 0.0%	COARSE SAND: 12.4%		
MODE 2:	193.5	2.375	SAND: 99.8%	MEDIUM SAND: 46.1%		
MODE 3:	460.0	1.126	MUD: 0.2%	FINE SAND: 34.9%		
D ₁₀ :	164.7	0.739		V FINE SAND: 1.9%		
MEDIAN or D ₅₀ :	277.9	1.848	V COARSE GRAVEL: 0.0%	V COARSE SILT: 0.2%		
D ₉₀ :	599.3	2.602	COARSE GRAVEL: 0.0%	COARSE SILT: 0.0%		
(D ₉₀ / D ₁₀):	3.639	3.523	MEDIUM GRAVEL: 0.0%	MEDIUM SILT: 0.0%		
(D ₉₀ - D ₁₀):	434.6	1.863	FINE GRAVEL: 0.0%	FINE SILT: 0.0%		
(D ₇₅ / D ₂₅):	2.047	1.821	V FINE GRAVEL: 0.0%	V FINE SILT: 0.0%		
(D ₇₅ - D ₂₅):	213.6	1.034	V COARSE SAND: 4.5%	CLAY: 0.0%		
	METHOD OF MOMENTS			FOLK & WARD METHOD		
	Arithmetic	Geometric	Logarithmic	Geometric	Logarithmic	Description
	μm	μm	ϕ	μm	ϕ	
MEAN (\bar{x}):	364.1	303.4	1.721	296.5	1.754	Medium Sand
SORTING (σ):	271.7	1.745	0.803	1.718	0.781	Moderately Sorted
SKEWNESS (Sk):	2.648	0.741	-0.741	0.243	-0.243	Coarse Skewed
KURTOSIS (K):	10.75	3.949	3.949	1.077	1.077	Mesokurtic

GRAIN SIZE DISTRIBUTION