

SIEVING ERROR: 0.1%

SAMPLE STATISTICSSAMPLE IDENTITY: **PEN-91-01_475**

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

SAMPLE TYPE: Unimodal, Well Sorted

TEXTURAL GROUP: Sand

SEDIMENT NAME: Well Sorted Medium Sand

	μm	ϕ	GRAIN SIZE DISTRIBUTION			
MODE 1:	273.5	1.876	GRAVEL: 0.0%	COARSE SAND: 12.5%		
MODE 2:			SAND: 100.0%	MEDIUM SAND: 83.1%		
MODE 3:			MUD: 0.0%	FINE SAND: 3.6%		
D ₁₀ :	258.8	0.913		V FINE SAND: 0.4%		
MEDIAN or D ₅₀ :	331.8	1.592	V COARSE GRAVEL: 0.0%	V COARSE SILT: 0.0%		
D ₉₀ :	531.0	1.950	COARSE GRAVEL: 0.0%	COARSE SILT: 0.0%		
(D ₉₀ / D ₁₀):	2.052	2.135	MEDIUM GRAVEL: 0.0%	MEDIUM SILT: 0.0%		
(D ₉₀ - D ₁₀):	272.2	1.037	FINE GRAVEL: 0.0%	FINE SILT: 0.0%		
(D ₇₅ / D ₂₅):	1.521	1.495	V FINE GRAVEL: 0.0%	V FINE SILT: 0.0%		
(D ₇₅ - D ₂₅):	146.9	0.605	V COARSE SAND: 0.5%	CLAY: 0.0%		
	METHOD OF MOMENTS			FOLK & WARD METHOD		
	Arithmetic	Geometric	Logarithmic	Geometric	Logarithmic	Description
	μm	μm	ϕ	μm	ϕ	
MEAN (\bar{x}):	369.7	350.9	1.511	349.6	1.516	Medium Sand
SORTING (σ):	126.3	1.353	0.436	1.316	0.397	Well Sorted
SKEWNESS (Sk):	1.959	0.477	-0.477	0.307	-0.307	Very Coarse Skewed
KURTOSIS (K):	9.505	4.486	4.486	0.827	0.827	Platykurtic

GRAIN SIZE DISTRIBUTION