

SIEVING ERROR: 0.4%

SAMPLE STATISTICSSAMPLE IDENTITY: **PEN-93-5_5**

ANALYST & DATE: TB/RM, 7/31/1993

SAMPLE TYPE: Bimodal, 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: 14.7%		
MODE 2:	460.0	1.126	SAND: 100.0%	MEDIUM SAND: 75.6%		
MODE 3:			MUD: 0.0%	FINE SAND: 9.1%		
D ₁₀ :	251.1	0.886		V FINE SAND: 0.3%		
MEDIAN or D ₅₀ :	352.6	1.504	V COARSE GRAVEL: 0.0%	V COARSE SILT: 0.0%		
D ₉₀ :	541.1	1.994	COARSE GRAVEL: 0.0%	COARSE SILT: 0.0%		
(D ₉₀ / D ₁₀):	2.155	2.250	MEDIUM GRAVEL: 0.0%	MEDIUM SILT: 0.0%		
(D ₉₀ - D ₁₀):	290.0	1.108	FINE GRAVEL: 0.0%	FINE SILT: 0.0%		
(D ₇₅ / D ₂₅):	1.609	1.604	V FINE GRAVEL: 0.0%	V FINE SILT: 0.0%		
(D ₇₅ - D ₂₅):	172.2	0.686	V COARSE SAND: 0.2%	CLAY: 0.0%		
	METHOD OF MOMENTS			FOLK & WARD METHOD		
	Arithmetic	Geometric	Logarithmic	Geometric	Logarithmic	Description
	μm	μm	ϕ	μm	ϕ	
MEAN (\bar{x}):	377.5	356.5	1.488	358.2	1.481	Medium Sand
SORTING (σ):	126.8	1.390	0.475	1.372	0.456	Well Sorted
SKEWNESS (Sk):	1.188	-0.122	0.122	0.024	-0.024	Symmetrical
KURTOSIS (K):	6.647	3.444	3.444	0.900	0.900	Platykurtic

GRAIN SIZE DISTRIBUTION