

SIEVING ERROR: 0.2%

SAMPLE STATISTICSSAMPLE IDENTITY: **PEN-93-5_100**

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

SAMPLE TYPE: Unimodal, Well Sorted

TEXTURAL GROUP: Sand

SEDIMENT NAME: Well Sorted Medium Sand

	μm	ϕ	GRAIN SIZE DISTRIBUTION			
MODE 1:	547.5	0.875	GRAVEL: 0.0%	COARSE SAND: 35.1%		
MODE 2:			SAND: 100.0%	MEDIUM SAND: 59.2%		
MODE 3:			MUD: 0.0%	FINE SAND: 4.8%		
D ₁₀ :	268.1	0.596		V FINE SAND: 0.2%		
MEDIAN or D ₅₀ :	441.9	1.178	V COARSE GRAVEL: 0.0%	V COARSE SILT: 0.0%		
D ₉₀ :	661.4	1.899	COARSE GRAVEL: 0.0%	COARSE SILT: 0.0%		
(D ₉₀ / D ₁₀):	2.467	3.185	MEDIUM GRAVEL: 0.0%	MEDIUM SILT: 0.0%		
(D ₉₀ - D ₁₀):	393.4	1.303	FINE GRAVEL: 0.0%	FINE SILT: 0.0%		
(D ₇₅ / D ₂₅):	1.666	1.848	V FINE GRAVEL: 0.0%	V FINE SILT: 0.0%		
(D ₇₅ - D ₂₅):	219.0	0.736	V COARSE SAND: 0.6%	CLAY: 0.0%		
	METHOD OF MOMENTS			FOLK & WARD METHOD		
	Arithmetic	Geometric	Logarithmic	Geometric	Logarithmic	Description
	μm	μm	ϕ	μm	ϕ	
MEAN (\bar{x}):	456.8	426.9	1.228	424.0	1.238	Medium Sand
SORTING (σ):	164.4	1.437	0.523	1.414	0.500	Well Sorted
SKEWNESS (Sk):	0.932	-0.261	0.261	-0.100	0.100	Symmetrical
KURTOSIS (K):	4.625	3.306	3.306	0.900	0.900	Platykurtic

GRAIN SIZE DISTRIBUTION