

SIEVING ERROR: 0.3%

SAMPLE STATISTICSSAMPLE IDENTITY: **PEN-93-5_150**

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: 36.9%		
MODE 2:			SAND: 100.0%	MEDIUM SAND: 58.3%		
MODE 3:			MUD: 0.0%	FINE SAND: 3.3%		
D ₁₀ :	278.0	0.555		V FINE SAND: 0.1%		
MEDIAN or D ₅₀ :	453.7	1.140	V COARSE GRAVEL: 0.0%	V COARSE SILT: 0.0%		
D ₉₀ :	680.6	1.847	COARSE GRAVEL: 0.0%	COARSE SILT: 0.0%		
(D ₉₀ / D ₁₀):	2.448	3.326	MEDIUM GRAVEL: 0.0%	MEDIUM SILT: 0.0%		
(D ₉₀ - D ₁₀):	402.6	1.292	FINE GRAVEL: 0.0%	FINE SILT: 0.0%		
(D ₇₅ / D ₂₅):	1.621	1.826	V FINE GRAVEL: 0.0%	V FINE SILT: 0.0%		
(D ₇₅ - D ₂₅):	213.5	0.697	V COARSE SAND: 1.4%	CLAY: 0.0%		
	METHOD OF MOMENTS			FOLK & WARD METHOD		
	Arithmetic	Geometric	Logarithmic	Geometric	Logarithmic	Description
	μm	μm	ϕ	μm	ϕ	
MEAN (\bar{x}):	473.3	443.3	1.174	437.5	1.193	Medium Sand
SORTING (σ):	171.8	1.423	0.508	1.412	0.497	Well Sorted
SKEWNESS (Sk):	1.179	-0.058	0.058	-0.079	0.079	Symmetrical
KURTOSIS (K):	5.401	3.280	3.280	0.967	0.967	Mesokurtic

GRAIN SIZE DISTRIBUTION