

SIEVING ERROR: 0.4%

SAMPLE STATISTICSSAMPLE IDENTITY: **PEN-93-6_250**

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

SAMPLE TYPE: Unimodal, Well Sorted

TEXTURAL GROUP: Sand

SEDIMENT NAME: Well Sorted Very Fine Sand

	μm	ϕ	GRAIN SIZE DISTRIBUTION			
MODE 1:	81.00	3.631	GRAVEL: 0.0%	COARSE SAND: 0.1%		
MODE 2:			SAND: 98.7%	MEDIUM SAND: 1.0%		
MODE 3:			MUD: 1.3%	FINE SAND: 16.4%		
D ₁₀ :	67.86	2.772		V FINE SAND: 81.2%		
MEDIAN or D ₅₀ :	92.33	3.437	V COARSE GRAVEL: 0.0%	V COARSE SILT: 1.3%		
D ₉₀ :	146.4	3.881	COARSE GRAVEL: 0.0%	COARSE SILT: 0.0%		
(D ₉₀ / D ₁₀):	2.158	1.400	MEDIUM GRAVEL: 0.0%	MEDIUM SILT: 0.0%		
(D ₉₀ - D ₁₀):	78.58	1.110	FINE GRAVEL: 0.0%	FINE SILT: 0.0%		
(D ₇₅ / D ₂₅):	1.517	1.194	V FINE GRAVEL: 0.0%	V FINE SILT: 0.0%		
(D ₇₅ - D ₂₅):	39.60	0.601	V COARSE SAND: 0.0%	CLAY: 0.0%		
	METHOD OF MOMENTS			FOLK & WARD METHOD		
	Arithmetic	Geometric	Logarithmic	Geometric	Logarithmic	Description
	μm	μm	ϕ	μm	ϕ	
MEAN (\bar{x}):	102.9	97.10	3.364	94.77	3.399	Very Fine Sand
SORTING (σ):	40.33	1.365	0.449	1.348	0.431	Well Sorted
SKEWNESS (Sk):	3.232	1.084	-1.084	0.213	-0.213	Coarse Skewed
KURTOSIS (K):	23.19	4.818	4.818	0.978	0.978	Mesokurtic

GRAIN SIZE DISTRIBUTION