

SIEVING ERROR: -1.1%

SAMPLE STATISTICSSAMPLE IDENTITY: **PEN-91-04_top**

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

SAMPLE TYPE: Unimodal, Well Sorted

TEXTURAL GROUP: Sand

SEDIMENT NAME: Well Sorted Fine Sand

	μm	ϕ	GRAIN SIZE DISTRIBUTION			
MODE 1:	137.0	2.873	GRAVEL: 0.0%	COARSE SAND: 0.0%		
MODE 2:			SAND: 98.5%	MEDIUM SAND: 2.8%		
MODE 3:			MUD: 1.5%	FINE SAND: 60.3%		
D ₁₀ :	95.25	2.340		V FINE SAND: 35.4%		
MEDIAN or D ₅₀ :	136.6	2.872	V COARSE GRAVEL: 0.0%	V COARSE SILT: 1.5%		
D ₉₀ :	197.5	3.392	COARSE GRAVEL: 0.0%	COARSE SILT: 0.0%		
(D ₉₀ / D ₁₀):	2.073	1.449	MEDIUM GRAVEL: 0.0%	MEDIUM SILT: 0.0%		
(D ₉₀ - D ₁₀):	102.2	1.052	FINE GRAVEL: 0.0%	FINE SILT: 0.0%		
(D ₇₅ / D ₂₅):	1.450	1.207	V FINE GRAVEL: 0.0%	V FINE SILT: 0.0%		
(D ₇₅ - D ₂₅):	51.38	0.536	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}):	143.8	136.9	2.869	138.0	2.857	Fine Sand
SORTING (σ):	45.50	1.350	0.433	1.327	0.409	Well Sorted
SKEWNESS (Sk):	1.630	-0.016	0.016	0.009	-0.009	Symmetrical
KURTOSIS (K):	9.576	4.094	4.094	1.104	1.104	Mesokurtic

GRAIN SIZE DISTRIBUTION