

SIEVING ERROR: 0.3%

SAMPLE STATISTICSSAMPLE IDENTITY: **PEN-91-04_125**

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: 0.6%		
MODE 2:			SAND: 100.0%	MEDIUM SAND: 4.4%		
MODE 3:			MUD: 0.0%	FINE SAND: 63.5%		
D ₁₀ :	102.7	2.277		V FINE SAND: 31.4%		
MEDIAN or D ₅₀ :	142.4	2.812	V COARSE GRAVEL: 0.0%	V COARSE SILT: 0.0%		
D ₉₀ :	206.4	3.283	COARSE GRAVEL: 0.0%	COARSE SILT: 0.0%		
(D ₉₀ / D ₁₀):	2.009	1.442	MEDIUM GRAVEL: 0.0%	MEDIUM SILT: 0.0%		
(D ₉₀ - D ₁₀):	103.6	1.006	FINE GRAVEL: 0.0%	FINE SILT: 0.0%		
(D ₇₅ / D ₂₅):	1.464	1.218	V FINE GRAVEL: 0.0%	V FINE SILT: 0.0%		
(D ₇₅ - D ₂₅):	54.95	0.550	V COARSE SAND: 0.1%	CLAY: 0.0%		
	METHOD OF MOMENTS			FOLK & WARD METHOD		
	Arithmetic	Geometric	Logarithmic	Geometric	Logarithmic	Description
	μm	μm	ϕ	μm	ϕ	
MEAN (\bar{x}):	155.6	145.6	2.780	144.2	2.794	Fine Sand
SORTING (σ):	70.78	1.390	0.475	1.348	0.431	Well Sorted
SKEWNESS (Sk):	5.236	0.994	-0.994	0.075	-0.075	Symmetrical
KURTOSIS (K):	50.64	6.881	6.881	1.130	1.130	Leptokurtic

GRAIN SIZE DISTRIBUTION