

SIEVING ERROR: 0.3%

SAMPLE STATISTICSSAMPLE IDENTITY: **PEN-91-01_150**

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

SAMPLE TYPE: Unimodal, Well Sorted

TEXTURAL GROUP: Sand

SEDIMENT NAME: Well Sorted Medium Sand

	μm	ϕ	GRAIN SIZE DISTRIBUTION			
MODE 1:	273.5	1.876	GRAVEL: 0.0%	COARSE SAND: 7.0%		
MODE 2:			SAND: 100.0%	MEDIUM SAND: 78.9%		
MODE 3:			MUD: 0.0%	FINE SAND: 13.5%		
D ₁₀ :	221.5	1.069		V FINE SAND: 0.5%		
MEDIAN or D ₅₀ :	301.2	1.731	V COARSE GRAVEL: 0.0%	V COARSE SILT: 0.0%		
D ₉₀ :	476.6	2.175	COARSE GRAVEL: 0.0%	COARSE SILT: 0.0%		
(D ₉₀ / D ₁₀):	2.152	2.034	MEDIUM GRAVEL: 0.0%	MEDIUM SILT: 0.0%		
(D ₉₀ - D ₁₀):	255.1	1.106	FINE GRAVEL: 0.0%	FINE SILT: 0.0%		
(D ₇₅ / D ₂₅):	1.436	1.373	V FINE GRAVEL: 0.0%	V FINE SILT: 0.0%		
(D ₇₅ - D ₂₅):	115.1	0.522	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}):	330.6	314.3	1.670	320.3	1.643	Medium Sand
SORTING (σ):	107.1	1.354	0.438	1.338	0.420	Well Sorted
SKEWNESS (Sk):	1.707	0.082	-0.082	0.226	-0.226	Coarse Skewed
KURTOSIS (K):	11.12	4.172	4.172	1.173	1.173	Leptokurtic

GRAIN SIZE DISTRIBUTION