

SIEVING ERROR: 0.2%

SAMPLE STATISTICSSAMPLE IDENTITY: **PEN-91-01_100**

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: 5.5%		
MODE 2:			SAND: 100.0%	MEDIUM SAND: 75.3%		
MODE 3:			MUD: 0.0%	FINE SAND: 18.1%		
D ₁₀ :	210.2	1.124		V FINE SAND: 0.5%		
MEDIAN or D ₅₀ :	289.6	1.788	V COARSE GRAVEL: 0.0%	V COARSE SILT: 0.0%		
D ₉₀ :	458.9	2.250	COARSE GRAVEL: 0.0%	COARSE SILT: 0.0%		
(D ₉₀ / D ₁₀):	2.183	2.002	MEDIUM GRAVEL: 0.0%	MEDIUM SILT: 0.0%		
(D ₉₀ - D ₁₀):	248.7	1.126	FINE GRAVEL: 0.0%	FINE SILT: 0.0%		
(D ₇₅ / D ₂₅):	1.369	1.302	V FINE GRAVEL: 0.0%	V FINE SILT: 0.0%		
(D ₇₅ - D ₂₅):	95.12	0.453	V COARSE SAND: 0.7%	CLAY: 0.0%		
	METHOD OF MOMENTS			FOLK & WARD METHOD		
	Arithmetic	Geometric	Logarithmic	Geometric	Logarithmic	Description
	μm	μm	ϕ	μm	ϕ	
MEAN (\bar{x}):	322.7	303.3	1.721	303.4	1.721	Medium Sand
SORTING (σ):	136.0	1.380	0.464	1.339	0.421	Well Sorted
SKEWNESS (Sk):	4.362	0.795	-0.795	0.203	-0.203	Coarse Skewed
KURTOSIS (K):	34.95	6.625	6.625	1.358	1.358	Leptokurtic

GRAIN SIZE DISTRIBUTION