

SIEVING ERROR: -0.5%

SAMPLE STATISTICSSAMPLE IDENTITY: **PEN-91-05_75**

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

SAMPLE TYPE: Unimodal, Moderately Well Sorted

TEXTURAL GROUP: Sand

SEDIMENT NAME: Moderately Well Sorted Medium Sand

	μm	ϕ	GRAIN SIZE DISTRIBUTION			
MODE 1:	547.5	0.875	GRAVEL: 0.0%	COARSE SAND: 42.8%		
MODE 2:			SAND: 100.0%	MEDIUM SAND: 50.9%		
MODE 3:			MUD: 0.0%	FINE SAND: 3.1%		
D ₁₀ :	285.6	0.357		V FINE SAND: 0.2%		
MEDIAN or D ₅₀ :	482.1	1.053	V COARSE GRAVEL: 0.0%	V COARSE SILT: 0.0%		
D ₉₀ :	780.7	1.808	COARSE GRAVEL: 0.0%	COARSE SILT: 0.0%		
(D ₉₀ / D ₁₀):	2.734	5.063	MEDIUM GRAVEL: 0.0%	MEDIUM SILT: 0.0%		
(D ₉₀ - D ₁₀):	495.1	1.451	FINE GRAVEL: 0.0%	FINE SILT: 0.0%		
(D ₇₅ / D ₂₅):	1.620	1.913	V FINE GRAVEL: 0.0%	V FINE SILT: 0.0%		
(D ₇₅ - D ₂₅):	225.6	0.696	V COARSE SAND: 3.0%	CLAY: 0.0%		
	METHOD OF MOMENTS			FOLK & WARD METHOD		
	Arithmetic	Geometric	Logarithmic	Geometric	Logarithmic	Description
	μm	μm	ϕ	μm	ϕ	
MEAN (\bar{x}):	512.9	473.7	1.078	469.1	1.092	Medium Sand
SORTING (σ):	209.7	1.476	0.562	1.467	0.553	Moderately Well Sorted
SKEWNESS (Sk):	1.447	-0.054	0.054	-0.042	0.042	Symmetrical
KURTOSIS (K):	6.484	3.638	3.638	1.082	1.082	Mesokurtic

GRAIN SIZE DISTRIBUTION