

SIEVING ERROR: 0.3%

SAMPLE STATISTICSSAMPLE IDENTITY: **PEN-91-05_150**

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

SAMPLE TYPE: Bimodal, 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: 40.2%		
MODE 2:	325.5	1.625	SAND: 100.0%	MEDIUM SAND: 52.9%		
MODE 3:			MUD: 0.0%	FINE SAND: 3.3%		
D ₁₀ :	278.5	0.349		V FINE SAND: 0.1%		
MEDIAN or D ₅₀ :	472.0	1.083	V COARSE GRAVEL: 0.0%	V COARSE SILT: 0.0%		
D ₉₀ :	785.2	1.844	COARSE GRAVEL: 0.0%	COARSE SILT: 0.0%		
(D ₉₀ / D ₁₀):	2.819	5.287	MEDIUM GRAVEL: 0.0%	MEDIUM SILT: 0.0%		
(D ₉₀ - D ₁₀):	506.7	1.495	FINE GRAVEL: 0.0%	FINE SILT: 0.0%		
(D ₇₅ / D ₂₅):	1.685	1.977	V FINE GRAVEL: 0.0%	V FINE SILT: 0.0%		
(D ₇₅ - D ₂₅):	238.3	0.752	V COARSE SAND: 3.5%	CLAY: 0.0%		
	METHOD OF MOMENTS			FOLK & WARD METHOD		
	Arithmetic	Geometric	Logarithmic	Geometric	Logarithmic	Description
	μm	μm	ϕ	μm	ϕ	
MEAN (\bar{x}):	506.8	466.5	1.100	460.5	1.119	Medium Sand
SORTING (σ):	213.7	1.484	0.569	1.484	0.570	Moderately Well Sorted
SKEWNESS (Sk):	1.428	0.121	-0.121	-0.016	0.016	Symmetrical
KURTOSIS (K):	5.933	3.172	3.172	1.019	1.019	Mesokurtic

GRAIN SIZE DISTRIBUTION