

SIEVING ERROR: 0.3%

SAMPLE STATISTICSSAMPLE IDENTITY: **PEN-91-05_125**

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: 44.5%		
MODE 2:	325.5	1.625	SAND: 100.0%	MEDIUM SAND: 49.8%		
MODE 3:			MUD: 0.0%	FINE SAND: 2.4%		
D ₁₀ :	290.8	0.340		V FINE SAND: 0.1%		
MEDIAN or D ₅₀ :	490.0	1.029	V COARSE GRAVEL: 0.0%	V COARSE SILT: 0.0%		
D ₉₀ :	790.0	1.782	COARSE GRAVEL: 0.0%	COARSE SILT: 0.0%		
(D ₉₀ / D ₁₀):	2.717	5.239	MEDIUM GRAVEL: 0.0%	MEDIUM SILT: 0.0%		
(D ₉₀ - D ₁₀):	499.2	1.442	FINE GRAVEL: 0.0%	FINE SILT: 0.0%		
(D ₇₅ / D ₂₅):	1.607	1.922	V FINE GRAVEL: 0.0%	V FINE SILT: 0.0%		
(D ₇₅ - D ₂₅):	225.8	0.685	V COARSE SAND: 3.2%	CLAY: 0.0%		
	METHOD OF MOMENTS			FOLK & WARD METHOD		
	Arithmetic	Geometric	Logarithmic	Geometric	Logarithmic	Description
	μm	μm	ϕ	μm	ϕ	
MEAN (\bar{x}):	520.5	482.4	1.052	476.7	1.069	Medium Sand
SORTING (σ):	207.4	1.462	0.548	1.465	0.551	Moderately Well Sorted
SKEWNESS (Sk):	1.353	-0.002	0.002	-0.047	0.047	Symmetrical
KURTOSIS (K):	5.884	3.440	3.440	1.093	1.093	Mesokurtic

GRAIN SIZE DISTRIBUTION