

SIEVING ERROR: 0.3%

SAMPLE STATISTICSSAMPLE IDENTITY: **PEN-91-05_25**

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:	460.0	1.126	GRAVEL: 0.0%	COARSE SAND: 38.4%		
MODE 2:	325.5	1.625	SAND: 100.0%	MEDIUM SAND: 54.6%		
MODE 3:			MUD: 0.0%	FINE SAND: 3.6%		
D ₁₀ :	275.2	0.382		V FINE SAND: 0.1%		
MEDIAN or D ₅₀ :	464.5	1.106	V COARSE GRAVEL: 0.0%	V COARSE SILT: 0.0%		
D ₉₀ :	767.2	1.862	COARSE GRAVEL: 0.0%	COARSE SILT: 0.0%		
(D ₉₀ / D ₁₀):	2.788	4.870	MEDIUM GRAVEL: 0.0%	MEDIUM SILT: 0.0%		
(D ₉₀ - D ₁₀):	492.1	1.479	FINE GRAVEL: 0.0%	FINE SILT: 0.0%		
(D ₇₅ / D ₂₅):	1.702	1.977	V FINE GRAVEL: 0.0%	V FINE SILT: 0.0%		
(D ₇₅ - D ₂₅):	239.3	0.767	V COARSE SAND: 3.3%	CLAY: 0.0%		
	METHOD OF MOMENTS			FOLK & WARD METHOD		
	Arithmetic	Geometric	Logarithmic	Geometric	Logarithmic	Description
	μm	μm	ϕ	μm	ϕ	
MEAN (\bar{x}):	499.5	459.0	1.124	452.8	1.143	Medium Sand
SORTING (σ):	214.6	1.489	0.575	1.482	0.567	Moderately Well Sorted
SKEWNESS (Sk):	1.543	0.113	-0.113	-0.013	0.013	Symmetrical
KURTOSIS (K):	6.516	3.460	3.460	0.996	0.996	Mesokurtic

GRAIN SIZE DISTRIBUTION