

SIEVING ERROR: 0.2%

SAMPLE STATISTICSSAMPLE IDENTITY: **PEN-91-05_205**

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: 40.9%		
MODE 2:	325.5	1.625	SAND: 100.0%	MEDIUM SAND: 51.0%		
MODE 3:			MUD: 0.0%	FINE SAND: 3.8%		
D ₁₀ :	275.8	0.282		V FINE SAND: 0.3%		
MEDIAN or D ₅₀ :	475.2	1.073	V COARSE GRAVEL: 0.0%	V COARSE SILT: 0.0%		
D ₉₀ :	822.4	1.858	COARSE GRAVEL: 0.0%	COARSE SILT: 0.0%		
(D ₉₀ / D ₁₀):	2.981	6.585	MEDIUM GRAVEL: 0.0%	MEDIUM SILT: 0.0%		
(D ₉₀ - D ₁₀):	546.5	1.576	FINE GRAVEL: 0.0%	FINE SILT: 0.0%		
(D ₇₅ / D ₂₅):	1.714	2.033	V FINE GRAVEL: 0.0%	V FINE SILT: 0.0%		
(D ₇₅ - D ₂₅):	247.3	0.778	V COARSE SAND: 4.0%	CLAY: 0.0%		
	METHOD OF MOMENTS			FOLK & WARD METHOD		
	Arithmetic	Geometric	Logarithmic	Geometric	Logarithmic	Description
	μm	μm	ϕ	μm	ϕ	
MEAN (\bar{x}):	513.8	469.1	1.092	464.4	1.107	Medium Sand
SORTING (σ):	225.9	1.516	0.600	1.506	0.590	Moderately Well Sorted
SKEWNESS (Sk):	1.375	0.022	-0.022	-0.010	0.010	Symmetrical
KURTOSIS (K):	5.537	3.354	3.354	1.018	1.018	Mesokurtic

GRAIN SIZE DISTRIBUTION