

SIEVING ERROR: 0.4%

SAMPLE STATISTICSSAMPLE IDENTITY: **PEN-91-05_400**

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: 45.6%		
MODE 2:	325.5	1.625	SAND: 100.0%	MEDIUM SAND: 47.8%		
MODE 3:			MUD: 0.0%	FINE SAND: 2.1%		
D ₁₀ :	294.2	0.256		V FINE SAND: 0.0%		
MEDIAN or D ₅₀ :	500.3	0.999	V COARSE GRAVEL: 0.0%	V COARSE SILT: 0.0%		
D ₉₀ :	837.6	1.765	COARSE GRAVEL: 0.0%	COARSE SILT: 0.0%		
(D ₉₀ / D ₁₀):	2.847	6.904	MEDIUM GRAVEL: 0.0%	MEDIUM SILT: 0.0%		
(D ₉₀ - D ₁₀):	543.4	1.509	FINE GRAVEL: 0.0%	FINE SILT: 0.0%		
(D ₇₅ / D ₂₅):	1.637	2.034	V FINE GRAVEL: 0.0%	V FINE SILT: 0.0%		
(D ₇₅ - D ₂₅):	241.6	0.711	V COARSE SAND: 4.4%	CLAY: 0.0%		
	METHOD OF MOMENTS			FOLK & WARD METHOD		
	Arithmetic	Geometric	Logarithmic	Geometric	Logarithmic	Description
	μm	μm	ϕ	μm	ϕ	
MEAN (\bar{x}):	538.6	496.3	1.011	488.8	1.033	Medium Sand
SORTING (σ):	226.8	1.477	0.563	1.485	0.570	Moderately Well Sorted
SKEWNESS (Sk):	1.479	0.191	-0.191	-0.029	0.029	Symmetrical
KURTOSIS (K):	6.103	3.071	3.071	1.089	1.089	Mesokurtic

GRAIN SIZE DISTRIBUTION