

SIEVING ERROR: 0.3%

SAMPLE STATISTICSSAMPLE IDENTITY: **PEN-91-05_100**

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: 41.0%		
MODE 2:	325.5	1.625	SAND: 100.0%	MEDIUM SAND: 52.4%		
MODE 3:			MUD: 0.0%	FINE SAND: 3.0%		
D ₁₀ :	281.3	0.341		V FINE SAND: 0.2%		
MEDIAN or D ₅₀ :	475.4	1.073	V COARSE GRAVEL: 0.0%	V COARSE SILT: 0.0%		
D ₉₀ :	789.7	1.830	COARSE GRAVEL: 0.0%	COARSE SILT: 0.0%		
(D ₉₀ / D ₁₀):	2.807	5.371	MEDIUM GRAVEL: 0.0%	MEDIUM SILT: 0.0%		
(D ₉₀ - D ₁₀):	508.4	1.489	FINE GRAVEL: 0.0%	FINE SILT: 0.0%		
(D ₇₅ / D ₂₅):	1.663	1.957	V FINE GRAVEL: 0.0%	V FINE SILT: 0.0%		
(D ₇₅ - D ₂₅):	234.3	0.734	V COARSE SAND: 3.4%	CLAY: 0.0%		
	METHOD OF MOMENTS			FOLK & WARD METHOD		
	Arithmetic	Geometric	Logarithmic	Geometric	Logarithmic	Description
	μm	μm	ϕ	μm	ϕ	
MEAN (\bar{x}):	510.4	470.0	1.089	463.9	1.108	Medium Sand
SORTING (σ):	215.2	1.483	0.569	1.480	0.565	Moderately Well Sorted
SKEWNESS (Sk):	1.491	0.079	-0.079	-0.019	0.019	Symmetrical
KURTOSIS (K):	6.366	3.439	3.439	1.042	1.042	Mesokurtic

GRAIN SIZE DISTRIBUTION