

SIEVING ERROR: 0.1%

SAMPLE STATISTICSSAMPLE IDENTITY: **PEN-91-05_195**

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: 44.6%		
MODE 2:	325.5	1.625	SAND: 100.0%	MEDIUM SAND: 47.9%		
MODE 3:			MUD: 0.0%	FINE SAND: 2.8%		
D ₁₀ :	287.8	0.267		V FINE SAND: 0.1%		
MEDIAN or D ₅₀ :	496.1	1.011	V COARSE GRAVEL: 0.0%	V COARSE SILT: 0.0%		
D ₉₀ :	830.8	1.797	COARSE GRAVEL: 0.0%	COARSE SILT: 0.0%		
(D ₉₀ / D ₁₀):	2.887	6.720	MEDIUM GRAVEL: 0.0%	MEDIUM SILT: 0.0%		
(D ₉₀ - D ₁₀):	543.0	1.529	FINE GRAVEL: 0.0%	FINE SILT: 0.0%		
(D ₇₅ / D ₂₅):	1.662	2.053	V FINE GRAVEL: 0.0%	V FINE SILT: 0.0%		
(D ₇₅ - D ₂₅):	245.9	0.733	V COARSE SAND: 4.6%	CLAY: 0.0%		
	METHOD OF MOMENTS			FOLK & WARD METHOD		
	Arithmetic	Geometric	Logarithmic	Geometric	Logarithmic	Description
	μm	μm	ϕ	μm	ϕ	
MEAN (\bar{x}):	535.1	490.5	1.028	483.9	1.047	Medium Sand
SORTING (σ):	232.6	1.498	0.583	1.496	0.582	Moderately Well Sorted
SKEWNESS (Sk):	1.509	0.108	-0.108	-0.031	0.031	Symmetrical
KURTOSIS (K):	6.202	3.300	3.300	1.073	1.073	Mesokurtic

GRAIN SIZE DISTRIBUTION