

SIEVING ERROR: 0.3%

SAMPLE STATISTICSSAMPLE IDENTITY: **PEN-91-03_125**

ANALYST & DATE: SA/RM, 8/19/91

SAMPLE TYPE: Bimodal, Moderately Well Sorted

TEXTURAL GROUP: Slightly Gravelly Sand

SEDIMENT NAME: Slightly Very Fine Gravelly Medium Sand

	μm	ϕ	GRAIN SIZE DISTRIBUTION			
MODE 1:	460.0	1.126	GRAVEL: 0.2%	COARSE SAND: 30.8%		
MODE 2:	273.5	1.876	SAND: 99.8%	MEDIUM SAND: 58.2%		
MODE 3:			MUD: 0.0%	FINE SAND: 8.7%		
D ₁₀ :	253.3	0.519		V FINE SAND: 0.2%		
MEDIAN or D ₅₀ :	423.1	1.241	V COARSE GRAVEL: 0.0%	V COARSE SILT: 0.0%		
D ₉₀ :	697.7	1.981	COARSE GRAVEL: 0.0%	COARSE SILT: 0.0%		
(D ₉₀ / D ₁₀):	2.755	3.816	MEDIUM GRAVEL: 0.0%	MEDIUM SILT: 0.0%		
(D ₉₀ - D ₁₀):	444.5	1.462	FINE GRAVEL: 0.0%	FINE SILT: 0.0%		
(D ₇₅ / D ₂₅):	1.798	1.964	V FINE GRAVEL: 0.2%	V FINE SILT: 0.0%		
(D ₇₅ - D ₂₅):	241.5	0.847	V COARSE SAND: 1.8%	CLAY: 0.0%		
	METHOD OF MOMENTS			FOLK & WARD METHOD		
	Arithmetic	Geometric	Logarithmic	Geometric	Logarithmic	Description
	μm	μm	ϕ	μm	ϕ	
MEAN (\bar{x}):	456.6	414.7	1.270	410.9	1.283	Medium Sand
SORTING (σ):	218.6	1.526	0.609	1.505	0.590	Moderately Well Sorted
SKEWNESS (Sk):	2.407	0.207	-0.207	-0.060	0.060	Symmetrical
KURTOSIS (K):	14.67	3.499	3.499	0.965	0.965	Mesokurtic

GRAIN SIZE DISTRIBUTION