

SIEVING ERROR: 0.1%

SAMPLE STATISTICSSAMPLE IDENTITY: **PEN-91-03_50**

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:	273.5	1.876	GRAVEL: 0.1%	COARSE SAND: 28.0%		
MODE 2:	460.0	1.126	SAND: 99.9%	MEDIUM SAND: 54.7%		
MODE 3:			MUD: 0.0%	FINE SAND: 12.1%		
D ₁₀ :	229.8	0.348		V FINE SAND: 0.5%		
MEDIAN or D ₅₀ :	399.3	1.324	V COARSE GRAVEL: 0.0%	V COARSE SILT: 0.0%		
D ₉₀ :	785.5	2.121	COARSE GRAVEL: 0.0%	COARSE SILT: 0.0%		
(D ₉₀ / D ₁₀):	3.418	6.091	MEDIUM GRAVEL: 0.0%	MEDIUM SILT: 0.0%		
(D ₉₀ - D ₁₀):	555.7	1.773	FINE GRAVEL: 0.0%	FINE SILT: 0.0%		
(D ₇₅ / D ₂₅):	1.949	2.123	V FINE GRAVEL: 0.1%	V FINE SILT: 0.0%		
(D ₇₅ - D ₂₅):	268.8	0.963	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}):	465.8	408.0	1.293	406.0	1.300	Medium Sand
SORTING (σ):	267.9	1.636	0.711	1.610	0.687	Moderately Well Sorted
SKEWNESS (Sk):	2.116	0.354	-0.354	0.083	-0.083	Symmetrical
KURTOSIS (K):	9.247	3.312	3.312	1.000	1.000	Mesokurtic

GRAIN SIZE DISTRIBUTION