

SIEVING ERROR: 0.2%

SAMPLE STATISTICSSAMPLE IDENTITY: **PEN-91-01_375**

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

SAMPLE TYPE: Unimodal, 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: 0.7%	COARSE SAND: 15.2%		
MODE 2:			SAND: 99.3%	MEDIUM SAND: 78.7%		
MODE 3:			MUD: 0.0%	FINE SAND: 3.3%		
D ₁₀ :	261.0	0.800		V FINE SAND: 0.3%		
MEDIAN or D ₅₀ :	349.1	1.518	V COARSE GRAVEL: 0.0%	V COARSE SILT: 0.0%		
D ₉₀ :	574.3	1.938	COARSE GRAVEL: 0.0%	COARSE SILT: 0.0%		
(D ₉₀ / D ₁₀):	2.200	2.422	MEDIUM GRAVEL: 0.0%	MEDIUM SILT: 0.0%		
(D ₉₀ - D ₁₀):	313.3	1.138	FINE GRAVEL: 0.0%	FINE SILT: 0.0%		
(D ₇₅ / D ₂₅):	1.587	1.592	V FINE GRAVEL: 0.7%	V FINE SILT: 0.0%		
(D ₇₅ - D ₂₅):	169.6	0.666	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}):	413.3	376.1	1.411	365.7	1.451	Medium Sand
SORTING (σ):	241.0	1.465	0.551	1.368	0.452	Well Sorted
SKEWNESS (Sk):	4.448	1.407	-1.407	0.289	-0.289	Coarse Skewed
KURTOSIS (K):	28.55	7.395	7.395	0.899	0.899	Platykurtic

GRAIN SIZE DISTRIBUTION