

SIEVING ERROR: 0.2%

SAMPLE STATISTICSSAMPLE IDENTITY: **PEN-91-01_75**

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: 0.1%	COARSE SAND: 10.0%		
MODE 2:			SAND: 99.9%	MEDIUM SAND: 73.7%		
MODE 3:			MUD: 0.0%	FINE SAND: 14.6%		
D ₁₀ :	218.2	0.953		V FINE SAND: 0.5%		
MEDIAN or D ₅₀ :	299.3	1.740	V COARSE GRAVEL: 0.0%	V COARSE SILT: 0.0%		
D ₉₀ :	516.4	2.196	COARSE GRAVEL: 0.0%	COARSE SILT: 0.0%		
(D ₉₀ / D ₁₀):	2.367	2.304	MEDIUM GRAVEL: 0.0%	MEDIUM SILT: 0.0%		
(D ₉₀ - D ₁₀):	298.2	1.243	FINE GRAVEL: 0.0%	FINE SILT: 0.0%		
(D ₇₅ / D ₂₅):	1.490	1.425	V FINE GRAVEL: 0.1%	V FINE SILT: 0.0%		
(D ₇₅ - D ₂₅):	128.7	0.575	V COARSE SAND: 1.1%	CLAY: 0.0%		
	METHOD OF MOMENTS			FOLK & WARD METHOD		
	Arithmetic	Geometric	Logarithmic	Geometric	Logarithmic	Description
	μm	μm	ϕ	μm	ϕ	
MEAN (\bar{x}):	349.8	323.0	1.630	325.2	1.621	Medium Sand
SORTING (σ):	170.2	1.441	0.527	1.382	0.466	Well Sorted
SKEWNESS (Sk):	3.998	0.873	-0.873	0.306	-0.306	Very Coarse Skewed
KURTOSIS (K):	30.42	5.725	5.725	1.176	1.176	Leptokurtic

GRAIN SIZE DISTRIBUTION