

SIEVING ERROR: 0.2%

SAMPLE STATISTICSSAMPLE IDENTITY: **PEN-91-01_350**

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: 0.3%	COARSE SAND: 14.7%		
MODE 2:			SAND: 99.7%	MEDIUM SAND: 81.1%		
MODE 3:			MUD: 0.0%	FINE SAND: 3.1%		
D ₁₀ :	262.1	0.852		V FINE SAND: 0.1%		
MEDIAN or D ₅₀ :	347.6	1.525	V COARSE GRAVEL: 0.0%	V COARSE SILT: 0.0%		
D ₉₀ :	554.1	1.932	COARSE GRAVEL: 0.0%	COARSE SILT: 0.0%		
(D ₉₀ / D ₁₀):	2.114	2.268	MEDIUM GRAVEL: 0.0%	MEDIUM SILT: 0.0%		
(D ₉₀ - D ₁₀):	292.0	1.080	FINE GRAVEL: 0.0%	FINE SILT: 0.0%		
(D ₇₅ / D ₂₅):	1.544	1.544	V FINE GRAVEL: 0.3%	V FINE SILT: 0.0%		
(D ₇₅ - D ₂₅):	158.5	0.627	V COARSE SAND: 0.8%	CLAY: 0.0%		
	METHOD OF MOMENTS			FOLK & WARD METHOD		
	Arithmetic	Geometric	Logarithmic	Geometric	Logarithmic	Description
	μm	μm	ϕ	μm	ϕ	
MEAN (\bar{x}):	393.1	368.4	1.441	361.8	1.467	Medium Sand
SORTING (σ):	174.8	1.384	0.469	1.334	0.416	Well Sorted
SKEWNESS (Sk):	4.790	1.082	-1.082	0.252	-0.252	Coarse Skewed
KURTOSIS (K):	41.52	6.679	6.679	0.859	0.859	Platykurtic

GRAIN SIZE DISTRIBUTION