

SIEVING ERROR: 0.1%

SAMPLE STATISTICSSAMPLE IDENTITY: **PEN-91-03_370**

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

SAMPLE TYPE: Polymodal, Moderately 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: 3.3%	COARSE SAND: 27.9%		
MODE 2:	547.5	0.875	SAND: 96.7%	MEDIUM SAND: 49.6%		
MODE 3:	193.5	2.375	MUD: 0.0%	FINE SAND: 13.8%		
D ₁₀ :	216.7	0.096		V FINE SAND: 0.4%		
MEDIAN or D ₅₀ :	405.5	1.302	V COARSE GRAVEL: 0.0%	V COARSE SILT: 0.0%		
D ₉₀ :	935.6	2.206	COARSE GRAVEL: 0.0%	COARSE SILT: 0.0%		
(D ₉₀ / D ₁₀):	4.317	22.98	MEDIUM GRAVEL: 0.0%	MEDIUM SILT: 0.0%		
(D ₉₀ - D ₁₀):	718.9	2.110	FINE GRAVEL: 0.0%	FINE SILT: 0.0%		
(D ₇₅ / D ₂₅):	2.109	2.389	V FINE GRAVEL: 3.3%	V FINE SILT: 0.0%		
(D ₇₅ - D ₂₅):	307.3	1.076	V COARSE SAND: 5.0%	CLAY: 0.0%		
	METHOD OF MOMENTS			FOLK & WARD METHOD		
	Arithmetic	Geometric	Logarithmic	Geometric	Logarithmic	Description
	μm	μm	ϕ	μm	ϕ	
MEAN (\bar{x}):	543.0	430.4	1.216	424.5	1.236	Medium Sand
SORTING (σ):	503.9	1.843	0.882	1.742	0.801	Moderately Sorted
SKEWNESS (Sk):	3.498	0.914	-0.914	0.153	-0.153	Coarse Skewed
KURTOSIS (K):	16.73	4.302	4.302	1.042	1.042	Mesokurtic

GRAIN SIZE DISTRIBUTION