

SIEVING ERROR: 0.2%

SAMPLE STATISTICSSAMPLE IDENTITY: **PEN-93-3_350**

ANALYST & DATE: TB/RM, 7/29/1993

SAMPLE TYPE: Bimodal, Moderately Sorted

TEXTURAL GROUP: Slightly Gravelly Sand

SEDIMENT NAME: Slightly Very Fine Gravelly Medium Sand

	μm	ϕ	GRAIN SIZE DISTRIBUTION			
MODE 1:	547.5	0.875	GRAVEL: 0.4%	COARSE SAND: 36.4%		
MODE 2:	273.5	1.876	SAND: 99.5%	MEDIUM SAND: 47.7%		
MODE 3:			MUD: 0.1%	FINE SAND: 6.6%		
D ₁₀ :	260.6	0.076		V FINE SAND: 0.7%		
MEDIAN or D ₅₀ :	472.5	1.082	V COARSE GRAVEL: 0.0%	V COARSE SILT: 0.1%		
D ₉₀ :	948.6	1.940	COARSE GRAVEL: 0.0%	COARSE SILT: 0.0%		
(D ₉₀ / D ₁₀):	3.639	25.47	MEDIUM GRAVEL: 0.0%	MEDIUM SILT: 0.0%		
(D ₉₀ - D ₁₀):	687.9	1.864	FINE GRAVEL: 0.0%	FINE SILT: 0.0%		
(D ₇₅ / D ₂₅):	1.882	2.367	V FINE GRAVEL: 0.4%	V FINE SILT: 0.0%		
(D ₇₅ - D ₂₅):	295.0	0.912	V COARSE SAND: 8.0%	CLAY: 0.0%		
	METHOD OF MOMENTS			FOLK & WARD METHOD		
	Arithmetic	Geometric	Logarithmic	Geometric	Logarithmic	Description
	μm	μm	ϕ	μm	ϕ	
MEAN (\bar{x}):	547.4	475.5	1.073	473.0	1.080	Medium Sand
SORTING (σ):	318.1	1.675	0.744	1.671	0.741	Moderately Sorted
SKEWNESS (Sk):	1.924	0.131	-0.131	0.049	-0.049	Symmetrical
KURTOSIS (K):	7.789	3.547	3.547	1.127	1.127	Leptokurtic

GRAIN SIZE DISTRIBUTION