

SIEVING ERROR: 0.3%

SAMPLE STATISTICSSAMPLE IDENTITY: **PEN-91-02_200**

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

SAMPLE TYPE: Polymodal, Moderately Sorted

TEXTURAL GROUP: Sand

SEDIMENT NAME: Moderately Sorted Medium Sand

	μm	ϕ	GRAIN SIZE DISTRIBUTION			
MODE 1:	273.5	1.876	GRAVEL: 0.0%	COARSE SAND: 30.3%		
MODE 2:	547.5	0.875	SAND: 99.8%	MEDIUM SAND: 42.5%		
MODE 3:	193.5	2.375	MUD: 0.2%	FINE SAND: 19.7%		
D ₁₀ :	191.6	0.233		V FINE SAND: 0.8%		
MEDIAN or D ₅₀ :	403.4	1.310	V COARSE GRAVEL: 0.0%	V COARSE SILT: 0.2%		
D ₉₀ :	850.6	2.384	COARSE GRAVEL: 0.0%	COARSE SILT: 0.0%		
(D ₉₀ / D ₁₀):	4.440	10.21	MEDIUM GRAVEL: 0.0%	MEDIUM SILT: 0.0%		
(D ₉₀ - D ₁₀):	659.0	2.151	FINE GRAVEL: 0.0%	FINE SILT: 0.0%		
(D ₇₅ / D ₂₅):	2.204	2.452	V FINE GRAVEL: 0.0%	V FINE SILT: 0.0%		
(D ₇₅ - D ₂₅):	316.9	1.140	V COARSE SAND: 6.5%	CLAY: 0.0%		
	METHOD OF MOMENTS			FOLK & WARD METHOD		
	Arithmetic	Geometric	Logarithmic	Geometric	Logarithmic	Description
	μm	μm	ϕ	μm	ϕ	
MEAN (\bar{x}):	478.5	400.8	1.319	395.3	1.339	Medium Sand
SORTING (σ):	308.3	1.789	0.840	1.787	0.838	Moderately Sorted
SKEWNESS (Sk):	1.728	0.150	-0.150	0.015	-0.015	Symmetrical
KURTOSIS (K):	6.214	2.959	2.959	1.006	1.006	Mesokurtic

GRAIN SIZE DISTRIBUTION