

SIEVING ERROR: -2.1%

SAMPLE STATISTICSSAMPLE IDENTITY: **PEN-91-05_425**

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

SAMPLE TYPE: Trimodal, Moderately Well Sorted

TEXTURAL GROUP: Sand

SEDIMENT NAME: Moderately Well Sorted Medium Sand

	μm	ϕ	GRAIN SIZE DISTRIBUTION			
MODE 1:	547.5	0.875	GRAVEL: 0.0%	COARSE SAND: 43.8%		
MODE 2:	325.5	1.625	SAND: 100.0%	MEDIUM SAND: 48.5%		
MODE 3:	920.5	0.125	MUD: 0.0%	FINE SAND: 3.2%		
D ₁₀ :	283.5	0.180		V FINE SAND: 0.1%		
MEDIAN or D ₅₀ :	491.4	1.025	V COARSE GRAVEL: 0.0%	V COARSE SILT: 0.0%		
D ₉₀ :	882.8	1.819	COARSE GRAVEL: 0.0%	COARSE SILT: 0.0%		
(D ₉₀ / D ₁₀):	3.114	10.11	MEDIUM GRAVEL: 0.0%	MEDIUM SILT: 0.0%		
(D ₉₀ - D ₁₀):	599.3	1.639	FINE GRAVEL: 0.0%	FINE SILT: 0.0%		
(D ₇₅ / D ₂₅):	1.744	2.210	V FINE GRAVEL: 0.0%	V FINE SILT: 0.0%		
(D ₇₅ - D ₂₅):	269.4	0.802	V COARSE SAND: 4.4%	CLAY: 0.0%		
	METHOD OF MOMENTS			FOLK & WARD METHOD		
	Arithmetic	Geometric	Logarithmic	Geometric	Logarithmic	Description
	μm	μm	ϕ	μm	ϕ	
MEAN (\bar{x}):	536.6	489.6	1.030	488.5	1.033	Medium Sand
SORTING (σ):	236.3	1.517	0.602	1.526	0.610	Moderately Well Sorted
SKEWNESS (Sk):	1.293	0.092	-0.092	0.010	-0.010	Symmetrical
KURTOSIS (K):	5.152	2.918	2.918	0.988	0.988	Mesokurtic

GRAIN SIZE DISTRIBUTION