

SIEVING ERROR: 0.6%

SAMPLE STATISTICSSAMPLE IDENTITY: **AL-93-1_5**

ANALYST & DATE: TB/RM, 7/28/93

SAMPLE TYPE: Bimodal, Moderately Well Sorted

TEXTURAL GROUP: Sand

SEDIMENT NAME: Moderately Well Sorted Fine Sand

	μm	ϕ	GRAIN SIZE DISTRIBUTION			
MODE 1:	137.0	2.873	GRAVEL: 0.0%	COARSE SAND: 0.5%		
MODE 2:	273.5	1.876	SAND: 97.4%	MEDIUM SAND: 11.7%		
MODE 3:			MUD: 2.6%	FINE SAND: 62.6%		
D ₁₀ :	105.4	1.936		V FINE SAND: 22.6%		
MEDIAN or D ₅₀ :	156.4	2.677	V COARSE GRAVEL: 0.0%	V COARSE SILT: 2.6%		
D ₉₀ :	261.3	3.246	COARSE GRAVEL: 0.0%	COARSE SILT: 0.0%		
(D ₉₀ / D ₁₀):	2.479	1.676	MEDIUM GRAVEL: 0.0%	MEDIUM SILT: 0.0%		
(D ₉₀ - D ₁₀):	155.9	1.310	FINE GRAVEL: 0.0%	FINE SILT: 0.0%		
(D ₇₅ / D ₂₅):	1.601	1.292	V FINE GRAVEL: 0.0%	V FINE SILT: 0.0%		
(D ₇₅ - D ₂₅):	74.97	0.679	V COARSE SAND: 0.0%	CLAY: 0.0%		
	METHOD OF MOMENTS			FOLK & WARD METHOD		
	Arithmetic	Geometric	Logarithmic	Geometric	Logarithmic	Description
	μm	μm	ϕ	μm	ϕ	
MEAN (\bar{x}):	170.7	157.9	2.663	159.4	2.649	Fine Sand
SORTING (σ):	71.04	1.466	0.552	1.440	0.526	Moderately Well Sorted
SKEWNESS (Sk):	2.198	0.002	-0.002	0.038	-0.038	Symmetrical
KURTOSIS (K):	14.60	3.903	3.903	1.073	1.073	Mesokurtic

GRAIN SIZE DISTRIBUTION