

SIEVING ERROR: 2.1%

SAMPLE STATISTICSSAMPLE IDENTITY: **AL-93-2_475**

ANALYST & DATE: TB/RM, 7/29/93

SAMPLE TYPE: Polymodal, Moderately Well Sorted

TEXTURAL GROUP: Sand

SEDIMENT NAME: Moderately Well Sorted Fine Sand

	μm	ϕ	GRAIN SIZE DISTRIBUTION			
MODE 1:	193.5	2.375	GRAVEL: 0.0%	COARSE SAND: 1.9%		
MODE 2:	273.5	1.876	SAND: 96.6%	MEDIUM SAND: 28.0%		
MODE 3:	115.0	3.126	MUD: 3.4%	FINE SAND: 50.8%		
D ₁₀ :	99.08	1.680		V FINE SAND: 15.7%		
MEDIAN or D ₅₀ :	199.0	2.329	V COARSE GRAVEL: 0.0%	V COARSE SILT: 3.4%		
D ₉₀ :	312.1	3.335	COARSE GRAVEL: 0.0%	COARSE SILT: 0.0%		
(D ₉₀ / D ₁₀):	3.150	1.985	MEDIUM GRAVEL: 0.0%	MEDIUM SILT: 0.0%		
(D ₉₀ - D ₁₀):	213.0	1.655	FINE GRAVEL: 0.0%	FINE SILT: 0.0%		
(D ₇₅ / D ₂₅):	1.835	1.453	V FINE GRAVEL: 0.0%	V FINE SILT: 0.0%		
(D ₇₅ - D ₂₅):	119.2	0.876	V COARSE SAND: 0.1%	CLAY: 0.0%		
	METHOD OF MOMENTS			FOLK & WARD METHOD		
	Arithmetic	Geometric	Logarithmic	Geometric	Logarithmic	Description
	μm	μm	ϕ	μm	ϕ	
MEAN (\bar{x}):	212.7	189.4	2.401	187.6	2.414	Fine Sand
SORTING (σ):	106.4	1.622	0.698	1.611	0.688	Moderately Well Sorted
SKEWNESS (Sk):	2.165	-0.315	0.315	-0.190	0.190	Fine Skewed
KURTOSIS (K):	13.71	3.501	3.501	1.132	1.132	Leptokurtic

GRAIN SIZE DISTRIBUTION