

SIEVING ERROR: 1.3%

SAMPLE STATISTICS

SAMPLE IDENTITY: **AL-93-2_225**

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

SAMPLE TYPE: Bimodal, Moderately Well Sorted

TEXTURAL GROUP: Sand

SEDIMENT NAME: Moderately Well Sorted Fine Sand

	μm	ϕ	GRAIN SIZE DISTRIBUTION			
MODE 1:	273.5	1.876	GRAVEL: 0.0%	COARSE SAND: 0.7%		
MODE 2:	193.5	2.375	SAND: 98.3%	MEDIUM SAND: 32.6%		
MODE 3:			MUD: 1.7%	FINE SAND: 56.0%		
D_{10} :	122.1	1.692		V FINE SAND: 9.0%		
MEDIAN or D_{50} :	206.1	2.278	V COARSE GRAVEL: 0.0%	V COARSE SILT: 1.7%		
D_{90} :	309.5	3.034	COARSE GRAVEL: 0.0%	COARSE SILT: 0.0%		
(D_{90} / D_{10}) :	2.534	1.793	MEDIUM GRAVEL: 0.0%	MEDIUM SILT: 0.0%		
$(D_{90} - D_{10})$:	187.4	1.342	FINE GRAVEL: 0.0%	FINE SILT: 0.0%		
(D_{75} / D_{25}) :	1.645	1.377	V FINE GRAVEL: 0.0%	V FINE SILT: 0.0%		
$(D_{75} - D_{25})$:	104.6	0.718	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}):	218.2	202.0	2.308	202.3	2.305	Fine Sand
SORTING (σ):	82.45	1.488	0.574	1.449	0.535	Moderately Well Sorted
SKEWNESS (Sk):	0.988	-0.613	0.613	-0.101	0.101	Fine Skewed
KURTOSIS (K):	5.906	4.039	4.039	1.043	1.043	Mesokurtic

GRAIN SIZE DISTRIBUTION

