

SIEVING ERROR: 1.2%

SAMPLE STATISTICSSAMPLE IDENTITY: **AL-93-2_500**

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:	193.5	2.375	GRAVEL: 0.0%	COARSE SAND: 3.3%		
MODE 2:	273.5	1.876	SAND: 98.8%	MEDIUM SAND: 28.8%		
MODE 3:			MUD: 1.2%	FINE SAND: 57.9%		
D_{10} :	124.9	1.543		V FINE SAND: 8.8%		
MEDIAN or D_{50} :	201.7	2.310	V COARSE GRAVEL: 0.0%	V COARSE SILT: 1.2%		
D_{90} :	343.2	3.001	COARSE GRAVEL: 0.0%	COARSE SILT: 0.0%		
(D_{90} / D_{10}) :	2.747	1.945	MEDIUM GRAVEL: 0.0%	MEDIUM SILT: 0.0%		
$(D_{90} - D_{10})$:	218.3	1.458	FINE GRAVEL: 0.0%	FINE SILT: 0.0%		
(D_{75} / D_{25}) :	1.689	1.398	V FINE GRAVEL: 0.0%	V FINE SILT: 0.0%		
$(D_{75} - D_{25})$:	109.3	0.756	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}):	228.0	206.3	2.277	201.8	2.309	Fine Sand
SORTING (σ):	112.0	1.540	0.623	1.495	0.580	Moderately Well Sorted
SKEWNESS (Sk):	2.288	0.131	-0.131	0.060	-0.060	Symmetrical
KURTOSIS (K):	11.66	4.066	4.066	1.115	1.115	Leptokurtic

GRAIN SIZE DISTRIBUTION