

SIEVING ERROR: 0.8%

SAMPLE STATISTICSSAMPLE IDENTITY: **AL-93-2_375**

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: 3.4%		
MODE 2:	273.5	1.876	SAND: 99.1%	MEDIUM SAND: 34.1%		
MODE 3:			MUD: 0.9%	FINE SAND: 54.2%		
D_{10} :	130.0	1.489		V FINE SAND: 7.3%		
MEDIAN or D_{50} :	213.1	2.231	V COARSE GRAVEL: 0.0%	V COARSE SILT: 0.9%		
D_{90} :	356.3	2.943	COARSE GRAVEL: 0.0%	COARSE SILT: 0.0%		
(D_{90} / D_{10}) :	2.740	1.977	MEDIUM GRAVEL: 0.0%	MEDIUM SILT: 0.0%		
$(D_{90} - D_{10})$:	226.3	1.454	FINE GRAVEL: 0.0%	FINE SILT: 0.0%		
(D_{75} / D_{25}) :	1.639	1.386	V FINE GRAVEL: 0.0%	V FINE SILT: 0.0%		
$(D_{75} - D_{25})$:	108.2	0.713	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}):	238.5	216.8	2.205	212.7	2.233	Fine Sand
SORTING (σ):	112.8	1.527	0.610	1.481	0.566	Moderately Well Sorted
SKEWNESS (Sk):	2.206	0.054	-0.054	0.034	-0.034	Symmetrical
KURTOSIS (K):	11.39	4.095	4.095	1.175	1.175	Leptokurtic

GRAIN SIZE DISTRIBUTION