

SIEVING ERROR: 0.9%

SAMPLE STATISTICSSAMPLE IDENTITY: **AL-93-2_300**

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: 3.6%		
MODE 2:	193.5	2.375	SAND: 98.8%	MEDIUM SAND: 37.1%		
MODE 3:			MUD: 1.2%	FINE SAND: 51.1%		
D_{10} :	130.8	1.419		V FINE SAND: 6.9%		
MEDIAN or D_{50} :	221.7	2.173	V COARSE GRAVEL: 0.0%	V COARSE SILT: 1.2%		
D_{90} :	374.1	2.934	COARSE GRAVEL: 0.0%	COARSE SILT: 0.0%		
(D_{90} / D_{10}) :	2.860	2.069	MEDIUM GRAVEL: 0.0%	MEDIUM SILT: 0.0%		
$(D_{90} - D_{10})$:	243.3	1.516	FINE GRAVEL: 0.0%	FINE SILT: 0.0%		
(D_{75} / D_{25}) :	1.631	1.387	V FINE GRAVEL: 0.0%	V FINE SILT: 0.0%		
$(D_{75} - D_{25})$:	109.4	0.706	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}):	243.3	221.0	2.178	219.5	2.187	Fine Sand
SORTING (σ):	112.0	1.540	0.623	1.499	0.584	Moderately Well Sorted
SKEWNESS (Sk):	1.839	-0.133	0.133	-0.005	0.005	Symmetrical
KURTOSIS (K):	9.017	3.986	3.986	1.212	1.212	Leptokurtic

GRAIN SIZE DISTRIBUTION