

SIEVING ERROR: 1.3%

SAMPLE STATISTICSSAMPLE IDENTITY: **AL-93-2_325**

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: 3.0%		
MODE 2:	193.5	2.375	SAND: 98.7%	MEDIUM SAND: 37.2%		
MODE 3:			MUD: 1.3%	FINE SAND: 50.7%		
D_{10} :	128.1	1.471		V FINE SAND: 7.7%		
MEDIAN or D_{50} :	220.9	2.178	V COARSE GRAVEL: 0.0%	V COARSE SILT: 1.3%		
D_{90} :	360.6	2.964	COARSE GRAVEL: 0.0%	COARSE SILT: 0.0%		
(D_{90} / D_{10}) :	2.814	2.015	MEDIUM GRAVEL: 0.0%	MEDIUM SILT: 0.0%		
$(D_{90} - D_{10})$:	232.5	1.493	FINE GRAVEL: 0.0%	FINE SILT: 0.0%		
(D_{75} / D_{25}) :	1.641	1.391	V FINE GRAVEL: 0.0%	V FINE SILT: 0.0%		
$(D_{75} - D_{25})$:	110.2	0.715	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}):	240.1	218.3	2.195	217.6	2.200	Fine Sand
SORTING (σ):	108.1	1.539	0.622	1.497	0.582	Moderately Well Sorted
SKEWNESS (Sk):	1.781	-0.235	0.235	-0.033	0.033	Symmetrical
KURTOSIS (K):	9.272	3.974	3.974	1.187	1.187	Leptokurtic

GRAIN SIZE DISTRIBUTION