

SIEVING ERROR: 1.2%

SAMPLE STATISTICSSAMPLE IDENTITY: **AL-93-2_525**

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: 4.5%		
MODE 2:	193.5	2.375	SAND: 98.4%	MEDIUM SAND: 36.8%		
MODE 3:			MUD: 1.6%	FINE SAND: 51.0%		
D_{10} :	132.6	1.316		V FINE SAND: 6.1%		
MEDIAN or D_{50} :	223.4	2.162	V COARSE GRAVEL: 0.0%	V COARSE SILT: 1.6%		
D_{90} :	401.6	2.914	COARSE GRAVEL: 0.0%	COARSE SILT: 0.0%		
(D_{90} / D_{10}) :	3.028	2.214	MEDIUM GRAVEL: 0.0%	MEDIUM SILT: 0.0%		
$(D_{90} - D_{10})$:	269.0	1.598	FINE GRAVEL: 0.0%	FINE SILT: 0.0%		
(D_{75} / D_{25}) :	1.639	1.396	V FINE GRAVEL: 0.0%	V FINE SILT: 0.0%		
$(D_{75} - D_{25})$:	111.8	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}):	249.6	224.8	2.154	224.3	2.156	Fine Sand
SORTING (σ):	121.5	1.567	0.648	1.524	0.608	Moderately Well Sorted
SKEWNESS (Sk):	1.960	-0.091	0.091	0.038	-0.038	Symmetrical
KURTOSIS (K):	9.672	4.020	4.020	1.237	1.237	Leptokurtic

GRAIN SIZE DISTRIBUTION