

SIEVING ERROR: 1.3%

SAMPLE STATISTICSSAMPLE IDENTITY: **AL-93-2_250**

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: 0.8%		
MODE 2:	193.5	2.375	SAND: 98.3%	MEDIUM SAND: 32.6%		
MODE 3:			MUD: 1.7%	FINE SAND: 55.9%		
D_{10} :	122.2	1.670		V FINE SAND: 8.9%		
MEDIAN or D_{50} :	206.1	2.278	V COARSE GRAVEL: 0.0%	V COARSE SILT: 1.7%		
D_{90} :	314.2	3.033	COARSE GRAVEL: 0.0%	COARSE SILT: 0.0%		
(D_{90} / D_{10}) :	2.571	1.816	MEDIUM GRAVEL: 0.0%	MEDIUM SILT: 0.0%		
$(D_{90} - D_{10})$:	192.0	1.362	FINE GRAVEL: 0.0%	FINE SILT: 0.0%		
(D_{75} / D_{25}) :	1.651	1.380	V FINE GRAVEL: 0.0%	V FINE SILT: 0.0%		
$(D_{75} - D_{25})$:	105.4	0.723	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}):	219.3	202.5	2.304	202.5	2.304	Fine Sand
SORTING (σ):	84.84	1.495	0.580	1.458	0.544	Moderately Well Sorted
SKEWNESS (Sk):	1.125	-0.565	0.565	-0.089	0.089	Symmetrical
KURTOSIS (K):	6.857	4.011	4.011	1.064	1.064	Mesokurtic

GRAIN SIZE DISTRIBUTION