

SIEVING ERROR: 0.3%

SAMPLE STATISTICSSAMPLE IDENTITY: **AL-91-2_50**

ANALYST & DATE: TB/RM, 2/25/94

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: 4.4%		
MODE 2:	273.5	1.876	SAND: 99.7%	MEDIUM SAND: 32.9%		
MODE 3:			MUD: 0.3%	FINE SAND: 58.4%		
D_{10} :	149.4	1.444		V FINE SAND: 3.8%		
MEDIAN or D_{50} :	216.0	2.211	V COARSE GRAVEL: 0.0%	V COARSE SILT: 0.3%		
D_{90} :	367.6	2.743	COARSE GRAVEL: 0.0%	COARSE SILT: 0.0%		
(D_{90} / D_{10}) :	2.460	1.900	MEDIUM GRAVEL: 0.0%	MEDIUM SILT: 0.0%		
$(D_{90} - D_{10})$:	218.2	1.299	FINE GRAVEL: 0.0%	FINE SILT: 0.0%		
(D_{75} / D_{25}) :	1.537	1.336	V FINE GRAVEL: 0.0%	V FINE SILT: 0.0%		
$(D_{75} - D_{25})$:	97.21	0.620	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}):	248.7	227.4	2.137	221.2	2.176	Fine Sand
SORTING (σ):	121.4	1.486	0.571	1.434	0.520	Moderately Well Sorted
SKEWNESS (Sk):	2.676	0.554	-0.554	0.166	-0.166	Coarse Skewed
KURTOSIS (K):	13.26	4.780	4.780	1.267	1.267	Leptokurtic

GRAIN SIZE DISTRIBUTION