

SIEVING ERROR: 2.0%

SAMPLE STATISTICSSAMPLE IDENTITY: **AL-93-2_200**

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: 2.5%		
MODE 2:	193.5	2.375	SAND: 98.6%	MEDIUM SAND: 37.9%		
MODE 3:			MUD: 1.4%	FINE SAND: 52.1%		
D_{10} :	134.0	1.516		V FINE SAND: 6.0%		
MEDIAN or D_{50} :	223.2	2.164	V COARSE GRAVEL: 0.0%	V COARSE SILT: 1.4%		
D_{90} :	349.7	2.900	COARSE GRAVEL: 0.0%	COARSE SILT: 0.0%		
(D_{90} / D_{10}) :	2.611	1.914	MEDIUM GRAVEL: 0.0%	MEDIUM SILT: 0.0%		
$(D_{90} - D_{10})$:	215.8	1.385	FINE GRAVEL: 0.0%	FINE SILT: 0.0%		
(D_{75} / D_{25}) :	1.581	1.360	V FINE GRAVEL: 0.0%	V FINE SILT: 0.0%		
$(D_{75} - D_{25})$:	102.9	0.661	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}):	239.8	220.0	2.184	218.7	2.193	Fine Sand
SORTING (σ):	102.7	1.508	0.593	1.455	0.541	Moderately Well Sorted
SKEWNESS (Sk):	1.876	-0.310	0.310	-0.050	0.050	Symmetrical
KURTOSIS (K):	10.49	4.437	4.437	1.206	1.206	Leptokurtic

GRAIN SIZE DISTRIBUTION