

SIEVING ERROR: 0.4%

SAMPLE STATISTICSSAMPLE IDENTITY: **AL-93-1_125**

ANALYST & DATE: TB/RM, 7/28/93

SAMPLE TYPE: Bimodal, Moderately Well Sorted

TEXTURAL GROUP: Sand

SEDIMENT NAME: Moderately Well Sorted Fine Sand

	μm	ϕ	GRAIN SIZE DISTRIBUTION			
MODE 1:	137.0	2.873	GRAVEL: 0.0%	COARSE SAND: 2.6%		
MODE 2:	273.5	1.876	SAND: 99.7%	MEDIUM SAND: 11.3%		
MODE 3:			MUD: 0.3%	FINE SAND: 57.6%		
D_{10} :	101.6	1.870		V FINE SAND: 28.2%		
MEDIAN or D_{50} :	152.3	2.715	V COARSE GRAVEL: 0.0%	V COARSE SILT: 0.3%		
D_{90} :	273.5	3.300	COARSE GRAVEL: 0.0%	COARSE SILT: 0.0%		
(D_{90} / D_{10}) :	2.693	1.764	MEDIUM GRAVEL: 0.0%	MEDIUM SILT: 0.0%		
$(D_{90} - D_{10})$:	172.0	1.429	FINE GRAVEL: 0.0%	FINE SILT: 0.0%		
(D_{75} / D_{25}) :	1.652	1.312	V FINE GRAVEL: 0.0%	V FINE SILT: 0.0%		
$(D_{75} - D_{25})$:	78.77	0.724	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}):	179.6	160.5	2.639	158.5	2.657	Fine Sand
SORTING (σ):	106.0	1.542	0.625	1.493	0.578	Moderately Well Sorted
SKEWNESS (Sk):	3.361	0.910	-0.910	0.156	-0.156	Coarse Skewed
KURTOSIS (K):	18.40	4.849	4.849	1.129	1.129	Leptokurtic

GRAIN SIZE DISTRIBUTION