

SIEVING ERROR: 0.9%

SAMPLE STATISTICSSAMPLE IDENTITY: **AL-91-1_100**

ANALYST & DATE: TB/RM, 8/16/91

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: 3.5%		
MODE 2:	273.5	1.876	SAND: 99.5%	MEDIUM SAND: 22.0%		
MODE 3:			MUD: 0.5%	FINE SAND: 65.5%		
D_{10} :	127.2	1.708		V FINE SAND: 8.4%		
MEDIAN or D_{50} :	193.5	2.370	V COARSE GRAVEL: 0.0%	V COARSE SILT: 0.5%		
D_{90} :	306.1	2.975	COARSE GRAVEL: 0.0%	COARSE SILT: 0.0%		
(D_{90} / D_{10}) :	2.407	1.742	MEDIUM GRAVEL: 0.0%	MEDIUM SILT: 0.0%		
$(D_{90} - D_{10})$:	179.0	1.267	FINE GRAVEL: 0.0%	FINE SILT: 0.0%		
(D_{75} / D_{25}) :	1.615	1.347	V FINE GRAVEL: 0.0%	V FINE SILT: 0.0%		
$(D_{75} - D_{25})$:	95.87	0.691	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}):	220.2	200.3	2.320	195.9	2.352	Fine Sand
SORTING (σ):	113.5	1.498	0.583	1.460	0.546	Moderately Well Sorted
SKEWNESS (Sk):	2.978	0.672	-0.672	0.124	-0.124	Coarse Skewed
KURTOSIS (K):	15.62	4.874	4.874	1.155	1.155	Leptokurtic

GRAIN SIZE DISTRIBUTION