

SIEVING ERROR: 0.6%

SAMPLE STATISTICSSAMPLE IDENTITY: **AL-91-2_200**

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

SAMPLE TYPE: Trimodal, Moderately Sorted

TEXTURAL GROUP: Sand

SEDIMENT NAME: Moderately Sorted Fine Sand

	μm	ϕ	GRAIN SIZE DISTRIBUTION			
MODE 1:	193.5	2.375	GRAVEL: 0.0%	COARSE SAND: 11.2%		
MODE 2:	273.5	1.876	SAND: 99.9%	MEDIUM SAND: 24.6%		
MODE 3:	547.5	0.875	MUD: 0.1%	FINE SAND: 54.7%		
D_{10} :	127.0	0.892		V FINE SAND: 8.8%		
MEDIAN or D_{50} :	200.8	2.316	V COARSE GRAVEL: 0.0%	V COARSE SILT: 0.1%		
D_{90} :	538.9	2.977	COARSE GRAVEL: 0.0%	COARSE SILT: 0.0%		
(D_{90} / D_{10}) :	4.242	3.338	MEDIUM GRAVEL: 0.0%	MEDIUM SILT: 0.0%		
$(D_{90} - D_{10})$:	411.9	2.085	FINE GRAVEL: 0.0%	FINE SILT: 0.0%		
(D_{75} / D_{25}) :	1.885	1.516	V FINE GRAVEL: 0.0%	V FINE SILT: 0.0%		
$(D_{75} - D_{25})$:	137.3	0.915	V COARSE SAND: 0.7%	CLAY: 0.0%		
	METHOD OF MOMENTS			FOLK & WARD METHOD		
	Arithmetic	Geometric	Logarithmic	Geometric	Logarithmic	Description
	μm	μm	ϕ	μm	ϕ	
MEAN (\bar{x}):	271.7	228.5	2.130	226.2	2.145	Fine Sand
SORTING (σ):	188.3	1.723	0.785	1.737	0.797	Moderately Sorted
SKEWNESS (Sk):	2.065	0.828	-0.828	0.348	-0.348	Very Coarse Skewed
KURTOSIS (K):	7.221	3.194	3.194	1.177	1.177	Leptokurtic

GRAIN SIZE DISTRIBUTION