

SIEVING ERROR: 0.4%

SAMPLE STATISTICSSAMPLE IDENTITY: **AL-91-2_400**

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: 9.8%		
MODE 2:	273.5	1.876	SAND: 99.8%	MEDIUM SAND: 28.3%		
MODE 3:	460.0	1.126	MUD: 0.2%	FINE SAND: 46.2%		
D_{10} :	113.8	0.962		V FINE SAND: 14.7%		
MEDIAN or D_{50} :	203.1	2.300	V COARSE GRAVEL: 0.0%	V COARSE SILT: 0.2%		
D_{90} :	513.2	3.135	COARSE GRAVEL: 0.0%	COARSE SILT: 0.0%		
(D_{90} / D_{10}) :	4.508	3.257	MEDIUM GRAVEL: 0.0%	MEDIUM SILT: 0.0%		
$(D_{90} - D_{10})$:	399.3	2.173	FINE GRAVEL: 0.0%	FINE SILT: 0.0%		
(D_{75} / D_{25}) :	2.074	1.614	V FINE GRAVEL: 0.0%	V FINE SILT: 0.0%		
$(D_{75} - D_{25})$:	157.7	1.052	V COARSE SAND: 0.9%	CLAY: 0.0%		
	METHOD OF MOMENTS			FOLK & WARD METHOD		
	Arithmetic	Geometric	Logarithmic	Geometric	Logarithmic	Description
	μm	μm	ϕ	μm	ϕ	
MEAN (\bar{x}):	267.1	222.6	2.167	220.7	2.180	Fine Sand
SORTING (σ):	184.6	1.769	0.823	1.781	0.833	Moderately Sorted
SKEWNESS (Sk):	2.054	0.542	-0.542	0.227	-0.227	Coarse Skewed
KURTOSIS (K):	7.804	2.920	2.920	1.043	1.043	Mesokurtic

GRAIN SIZE DISTRIBUTION