

SIEVING ERROR: 0.3%

SAMPLE STATISTICSSAMPLE IDENTITY: **AL-91-13_300**

ANALYST & DATE: TB/RM, 8/17/91

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: 13.6%		
MODE 2:	273.5	1.876	SAND: 99.5%	MEDIUM SAND: 22.9%		
MODE 3:	547.5	0.875	MUD: 0.5%	FINE SAND: 51.8%		
D_{10} :	120.4	0.855		V FINE SAND: 11.3%		
MEDIAN or D_{50} :	197.3	2.342	V COARSE GRAVEL: 0.0%	V COARSE SILT: 0.5%		
D_{90} :	552.8	3.054	COARSE GRAVEL: 0.0%	COARSE SILT: 0.0%		
(D_{90} / D_{10}) :	4.590	3.571	MEDIUM GRAVEL: 0.0%	MEDIUM SILT: 0.0%		
$(D_{90} - D_{10})$:	432.4	2.199	FINE GRAVEL: 0.0%	FINE SILT: 0.0%		
(D_{75} / D_{25}) :	2.032	1.599	V FINE GRAVEL: 0.0%	V FINE SILT: 0.0%		
$(D_{75} - D_{25})$:	155.4	1.023	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}):	265.7	224.1	2.158	228.7	2.128	Fine Sand
SORTING (σ):	168.8	1.746	0.804	1.785	0.836	Moderately Sorted
SKEWNESS (Sk):	1.405	0.478	-0.478	0.343	-0.343	Very Coarse Skewed
KURTOSIS (K):	4.039	2.641	2.641	1.033	1.033	Mesokurtic

GRAIN SIZE DISTRIBUTION