

SIEVING ERROR: 1.0%

SAMPLE STATISTICSSAMPLE IDENTITY: **AL-91-2_225**

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

SAMPLE TYPE: Polymodal, 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: 13.9%		
MODE 2:	273.5	1.876	SAND: 99.8%	MEDIUM SAND: 27.1%		
MODE 3:	547.5	0.875	MUD: 0.2%	FINE SAND: 47.8%		
D_{10} :	131.2	0.582		V FINE SAND: 6.9%		
MEDIAN or D_{50} :	226.5	2.142	V COARSE GRAVEL: 0.0%	V COARSE SILT: 0.2%		
D_{90} :	668.2	2.931	COARSE GRAVEL: 0.0%	COARSE SILT: 0.0%		
(D_{90} / D_{10}) :	5.094	5.038	MEDIUM GRAVEL: 0.0%	MEDIUM SILT: 0.0%		
$(D_{90} - D_{10})$:	537.0	2.349	FINE GRAVEL: 0.0%	FINE SILT: 0.0%		
(D_{75} / D_{25}) :	2.317	1.872	V FINE GRAVEL: 0.0%	V FINE SILT: 0.0%		
$(D_{75} - D_{25})$:	216.8	1.212	V COARSE SAND: 4.0%	CLAY: 0.0%		
	METHOD OF MOMENTS			FOLK & WARD METHOD		
	Arithmetic	Geometric	Logarithmic	Geometric	Logarithmic	Description
	μm	μm	ϕ	μm	ϕ	
MEAN (\bar{x}):	322.2	259.6	1.946	259.3	1.947	Medium Sand
SORTING (σ):	242.8	1.853	0.890	1.893	0.921	Moderately Sorted
SKEWNESS (Sk):	1.783	0.666	-0.666	0.338	-0.338	Very Coarse Skewed
KURTOSIS (K):	5.554	2.745	2.745	1.012	1.012	Mesokurtic

GRAIN SIZE DISTRIBUTION