

SIEVING ERROR: 0.5%

SAMPLE STATISTICSSAMPLE IDENTITY: **AL-91-2_275**

ANALYST & DATE: TB/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: 13.6%		
MODE 2:	273.5	1.876	SAND: 99.5%	MEDIUM SAND: 28.4%		
MODE 3:	547.5	0.875	MUD: 0.5%	FINE SAND: 45.5%		
D_{10} :	120.1	0.800		V FINE SAND: 11.3%		
MEDIAN or D_{50} :	213.9	2.225	V COARSE GRAVEL: 0.0%	V COARSE SILT: 0.5%		
D_{90} :	574.2	3.058	COARSE GRAVEL: 0.0%	COARSE SILT: 0.0%		
(D_{90} / D_{10}) :	4.782	3.821	MEDIUM GRAVEL: 0.0%	MEDIUM SILT: 0.0%		
$(D_{90} - D_{10})$:	454.1	2.257	FINE GRAVEL: 0.0%	FINE SILT: 0.0%		
(D_{75} / D_{25}) :	2.191	1.726	V FINE GRAVEL: 0.0%	V FINE SILT: 0.0%		
$(D_{75} - D_{25})$:	184.6	1.131	V COARSE SAND: 0.8%	CLAY: 0.0%		
	METHOD OF MOMENTS			FOLK & WARD METHOD		
	Arithmetic	Geometric	Logarithmic	Geometric	Logarithmic	Description
	μm	μm	ϕ	μm	ϕ	
MEAN (\bar{x}):	289.2	238.6	2.068	238.8	2.066	Fine Sand
SORTING (σ):	200.6	1.807	0.854	1.835	0.876	Moderately Sorted
SKEWNESS (Sk):	1.742	0.481	-0.481	0.271	-0.271	Coarse Skewed
KURTOSIS (K):	5.845	2.713	2.713	1.007	1.007	Mesokurtic

GRAIN SIZE DISTRIBUTION