

SIEVING ERROR: 0.2%

SAMPLE STATISTICSSAMPLE IDENTITY: **AL-91-12_225**

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

SAMPLE TYPE: Bimodal, Moderately Well Sorted

TEXTURAL GROUP: Sand

SEDIMENT NAME: Moderately Well Sorted Fine Sand

	μm	ϕ	GRAIN SIZE DISTRIBUTION			
MODE 1:	273.5	1.876	GRAVEL: 0.0%	COARSE SAND: 5.3%		
MODE 2:	193.5	2.375	SAND: 100.0%	MEDIUM SAND: 44.4%		
MODE 3:			MUD: 0.0%	FINE SAND: 48.0%		
D_{10} :	167.5	1.183		V FINE SAND: 1.0%		
MEDIAN or D_{50} :	251.6	1.991	V COARSE GRAVEL: 0.0%	V COARSE SILT: 0.0%		
D_{90} :	440.5	2.578	COARSE GRAVEL: 0.0%	COARSE SILT: 0.0%		
(D_{90} / D_{10}) :	2.630	2.180	MEDIUM GRAVEL: 0.0%	MEDIUM SILT: 0.0%		
$(D_{90} - D_{10})$:	273.0	1.395	FINE GRAVEL: 0.0%	FINE SILT: 0.0%		
(D_{75} / D_{25}) :	1.523	1.346	V FINE GRAVEL: 0.0%	V FINE SILT: 0.0%		
$(D_{75} - D_{25})$:	101.9	0.607	V COARSE SAND: 1.2%	CLAY: 0.0%		
	METHOD OF MOMENTS			FOLK & WARD METHOD		
	Arithmetic	Geometric	Logarithmic	Geometric	Logarithmic	Description
	μm	μm	ϕ	μm	ϕ	
MEAN (\bar{x}):	282.0	256.8	1.961	253.8	1.978	Medium Sand
SORTING (σ):	147.0	1.483	0.568	1.438	0.524	Moderately Well Sorted
SKEWNESS (Sk):	2.988	1.015	-1.015	0.121	-0.121	Coarse Skewed
KURTOSIS (K):	14.89	4.782	4.782	1.246	1.246	Leptokurtic

GRAIN SIZE DISTRIBUTION