

SIEVING ERROR: 0.4%

SAMPLE STATISTICS

SAMPLE IDENTITY: **AL-91-12_150**

ANALYST & DATE: SA/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: 4.2%		
MODE 2:	193.5	2.375	SAND: 100.0%	MEDIUM SAND: 40.4%		
MODE 3:			MUD: 0.0%	FINE SAND: 51.8%		
D_{10} :	163.0	1.260		V FINE SAND: 1.3%		
MEDIAN or D_{50} :	241.4	2.050	V COARSE GRAVEL: 0.0%	V COARSE SILT: 0.0%		
D_{90} :	417.6	2.617	COARSE GRAVEL: 0.0%	COARSE SILT: 0.0%		
(D_{90} / D_{10}) :	2.562	2.078	MEDIUM GRAVEL: 0.0%	MEDIUM SILT: 0.0%		
$(D_{90} - D_{10})$:	254.6	1.357	FINE GRAVEL: 0.0%	FINE SILT: 0.0%		
(D_{75} / D_{25}) :	1.520	1.338	V FINE GRAVEL: 0.0%	V FINE SILT: 0.0%		
$(D_{75} - D_{25})$:	99.25	0.604	V COARSE SAND: 2.3%	CLAY: 0.0%		
	METHOD OF MOMENTS			FOLK & WARD METHOD		
	Arithmetic	Geometric	Logarithmic	Geometric	Logarithmic	Description
	μm	μm	ϕ	μm	ϕ	
MEAN (\bar{x}):	287.7	252.5	1.986	244.1	2.035	Fine Sand
SORTING (σ):	210.7	1.549	0.631	1.432	0.518	Moderately Well Sorted
SKEWNESS (Sk):	4.326	1.663	-1.663	0.162	-0.162	Coarse Skewed
KURTOSIS (K):	24.40	7.514	7.514	1.295	1.295	Leptokurtic

GRAIN SIZE DISTRIBUTION

