

SIEVING ERROR: 1.3%

SAMPLE STATISTICSSAMPLE IDENTITY: **AL-91-2_125**

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

SAMPLE TYPE: Bimodal, Moderately Well Sorted

TEXTURAL GROUP: Sand

SEDIMENT NAME: Moderately Well Sorted Fine Sand

	μm	ϕ	GRAIN SIZE DISTRIBUTION			
MODE 1:	193.5	2.375	GRAVEL: 0.0%	COARSE SAND: 7.9%		
MODE 2:	273.5	1.876	SAND: 99.8%	MEDIUM SAND: 25.4%		
MODE 3:			MUD: 0.2%	FINE SAND: 59.7%		
D_{10} :	132.6	1.133		V FINE SAND: 6.4%		
MEDIAN or D_{50} :	202.7	2.302	V COARSE GRAVEL: 0.0%	V COARSE SILT: 0.2%		
D_{90} :	455.9	2.915	COARSE GRAVEL: 0.0%	COARSE SILT: 0.0%		
(D_{90} / D_{10}) :	3.438	2.572	MEDIUM GRAVEL: 0.0%	MEDIUM SILT: 0.0%		
$(D_{90} - D_{10})$:	323.3	1.781	FINE GRAVEL: 0.0%	FINE SILT: 0.0%		
(D_{75} / D_{25}) :	1.694	1.410	V FINE GRAVEL: 0.0%	V FINE SILT: 0.0%		
$(D_{75} - D_{25})$:	113.4	0.760	V COARSE SAND: 0.5%	CLAY: 0.0%		
	METHOD OF MOMENTS			FOLK & WARD METHOD		
	Arithmetic	Geometric	Logarithmic	Geometric	Logarithmic	Description
	μm	μm	ϕ	μm	ϕ	
MEAN (\bar{x}):	255.3	223.0	2.165	214.5	2.221	Fine Sand
SORTING (σ):	159.8	1.610	0.687	1.566	0.647	Moderately Well Sorted
SKEWNESS (Sk):	2.479	0.904	-0.904	0.274	-0.274	Coarse Skewed
KURTOSIS (K):	10.03	4.030	4.030	1.261	1.261	Leptokurtic

GRAIN SIZE DISTRIBUTION