

SIEVING ERROR: 0.3%

SAMPLE STATISTICSSAMPLE IDENTITY: **AL-91-12_325**

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: 4.2%		
MODE 2:	193.5	2.375	SAND: 100.0%	MEDIUM SAND: 40.9%		
MODE 3:			MUD: 0.0%	FINE SAND: 50.8%		
D_{10} :	162.8	1.188		V FINE SAND: 1.3%		
MEDIAN or D_{50} :	243.6	2.038	V COARSE GRAVEL: 0.0%	V COARSE SILT: 0.0%		
D_{90} :	438.9	2.619	COARSE GRAVEL: 0.0%	COARSE SILT: 0.0%		
(D_{90} / D_{10}) :	2.697	2.205	MEDIUM GRAVEL: 0.0%	MEDIUM SILT: 0.0%		
$(D_{90} - D_{10})$:	276.1	1.431	FINE GRAVEL: 0.0%	FINE SILT: 0.0%		
(D_{75} / D_{25}) :	1.535	1.349	V FINE GRAVEL: 0.0%	V FINE SILT: 0.0%		
$(D_{75} - D_{25})$:	102.2	0.618	V COARSE SAND: 2.7%	CLAY: 0.0%		
	METHOD OF MOMENTS			FOLK & WARD METHOD		
	Arithmetic	Geometric	Logarithmic	Geometric	Logarithmic	Description
	μm	μm	ϕ	μm	ϕ	
MEAN (\bar{x}):	289.6	255.0	1.971	247.2	2.016	Fine Sand
SORTING (σ):	198.0	1.552	0.634	1.447	0.533	Moderately Well Sorted
SKEWNESS (Sk):	3.658	1.503	-1.503	0.168	-0.168	Coarse Skewed
KURTOSIS (K):	17.99	6.341	6.341	1.286	1.286	Leptokurtic

GRAIN SIZE DISTRIBUTION