

SIEVING ERROR: 0.4%

SAMPLE STATISTICSSAMPLE IDENTITY: **AL-91-16_318**

ANALYST & DATE: TB/RM, 8/20/91

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: 2.9%		
MODE 2:	273.5	1.876	SAND: 99.9%	MEDIUM SAND: 32.4%		
MODE 3:			MUD: 0.1%	FINE SAND: 58.5%		
D_{10} :	142.3	1.561		V FINE SAND: 4.3%		
MEDIAN or D_{50} :	212.7	2.233	V COARSE GRAVEL: 0.0%	V COARSE SILT: 0.1%		
D_{90} :	338.9	2.813	COARSE GRAVEL: 0.0%	COARSE SILT: 0.0%		
(D_{90} / D_{10}) :	2.382	1.802	MEDIUM GRAVEL: 0.0%	MEDIUM SILT: 0.0%		
$(D_{90} - D_{10})$:	196.6	1.252	FINE GRAVEL: 0.0%	FINE SILT: 0.0%		
(D_{75} / D_{25}) :	1.547	1.337	V FINE GRAVEL: 0.0%	V FINE SILT: 0.0%		
$(D_{75} - D_{25})$:	96.86	0.629	V COARSE SAND: 1.9%	CLAY: 0.0%		
	METHOD OF MOMENTS			FOLK & WARD METHOD		
	Arithmetic	Geometric	Logarithmic	Geometric	Logarithmic	Description
	μm	μm	ϕ	μm	ϕ	
MEAN (\bar{x}):	255.1	226.0	2.146	214.0	2.224	Fine Sand
SORTING (σ):	171.4	1.539	0.622	1.433	0.520	Moderately Well Sorted
SKEWNESS (Sk):	3.960	1.359	-1.359	0.131	-0.131	Coarse Skewed
KURTOSIS (K):	21.12	6.835	6.835	1.266	1.266	Leptokurtic

GRAIN SIZE DISTRIBUTION