

SIEVING ERROR: 0.1%

SAMPLE STATISTICSSAMPLE IDENTITY: **AL-91-16_338**

ANALYST & DATE: SA/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: 1.8%		
MODE 2:	273.5	1.876	SAND: 99.7%	MEDIUM SAND: 24.5%		
MODE 3:			MUD: 0.3%	FINE SAND: 64.1%		
D_{10} :	128.3	1.764		V FINE SAND: 8.1%		
MEDIAN or D_{50} :	196.3	2.349	V COARSE GRAVEL: 0.0%	V COARSE SILT: 0.3%		
D_{90} :	294.4	2.962	COARSE GRAVEL: 0.0%	COARSE SILT: 0.0%		
(D_{90} / D_{10}) :	2.294	1.679	MEDIUM GRAVEL: 0.0%	MEDIUM SILT: 0.0%		
$(D_{90} - D_{10})$:	166.1	1.198	FINE GRAVEL: 0.0%	FINE SILT: 0.0%		
(D_{75} / D_{25}) :	1.605	1.347	V FINE GRAVEL: 0.0%	V FINE SILT: 0.0%		
$(D_{75} - D_{25})$:	96.43	0.683	V COARSE SAND: 1.1%	CLAY: 0.0%		
	METHOD OF MOMENTS			FOLK & WARD METHOD		
	Arithmetic	Geometric	Logarithmic	Geometric	Logarithmic	Description
	μm	μm	ϕ	μm	ϕ	
MEAN (\bar{x}):	225.8	202.7	2.303	197.9	2.337	Fine Sand
SORTING (σ):	142.9	1.513	0.597	1.416	0.502	Moderately Well Sorted
SKEWNESS (Sk):	4.649	1.055	-1.055	0.045	-0.045	Symmetrical
KURTOSIS (K):	30.20	7.187	7.187	1.025	1.025	Mesokurtic

GRAIN SIZE DISTRIBUTION