

SIEVING ERROR: 0.4%

SAMPLE STATISTICSSAMPLE IDENTITY: **AL-91-3_110**

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

SAMPLE TYPE: Bimodal, Well Sorted

TEXTURAL GROUP: Sand

SEDIMENT NAME: Well Sorted Fine Sand

	μm	ϕ	GRAIN SIZE DISTRIBUTION			
MODE 1:	193.5	2.375	GRAVEL: 0.0%	COARSE SAND: 0.0%		
MODE 2:	273.5	1.876	SAND: 98.3%	MEDIUM SAND: 33.8%		
MODE 3:			MUD: 1.7%	FINE SAND: 62.3%		
D_{10} :	153.9	1.756		V FINE SAND: 2.3%		
MEDIAN or D_{50} :	216.2	2.209	V COARSE GRAVEL: 0.0%	V COARSE SILT: 1.7%		
D_{90} :	296.2	2.700	COARSE GRAVEL: 0.0%	COARSE SILT: 0.0%		
(D_{90} / D_{10}) :	1.925	1.538	MEDIUM GRAVEL: 0.0%	MEDIUM SILT: 0.0%		
$(D_{90} - D_{10})$:	142.3	0.945	FINE GRAVEL: 0.0%	FINE SILT: 0.0%		
(D_{75} / D_{25}) :	1.454	1.283	V FINE GRAVEL: 0.0%	V FINE SILT: 0.0%		
$(D_{75} - D_{25})$:	83.05	0.540	V COARSE SAND: 0.0%	CLAY: 0.0%		
	METHOD OF MOMENTS			FOLK & WARD METHOD		
	Arithmetic	Geometric	Logarithmic	Geometric	Logarithmic	Description
	μm	μm	ϕ	μm	ϕ	
MEAN (\bar{x}):	224.5	213.8	2.226	217.6	2.201	Fine Sand
SORTING (σ):	63.23	1.376	0.461	1.315	0.395	Well Sorted
SKEWNESS (Sk):	0.266	-1.326	1.326	-0.013	0.013	Symmetrical
KURTOSIS (K):	3.808	7.038	7.038	1.032	1.032	Mesokurtic

GRAIN SIZE DISTRIBUTION