

SIEVING ERROR: 0.2%

SAMPLE STATISTICSSAMPLE IDENTITY: **AL-91-15_100**

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

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: 0.9%		
MODE 2:	273.5	1.876	SAND: 100.0%	MEDIUM SAND: 27.1%		
MODE 3:			MUD: 0.0%	FINE SAND: 70.2%		
D ₁₀ :	151.8	1.781		V FINE SAND: 1.8%		
MEDIAN or D ₅₀ :	204.7	2.288	V COARSE GRAVEL: 0.0%	V COARSE SILT: 0.0%		
D ₉₀ :	290.9	2.720	COARSE GRAVEL: 0.0%	COARSE SILT: 0.0%		
(D ₉₀ / D ₁₀):	1.917	1.527	MEDIUM GRAVEL: 0.0%	MEDIUM SILT: 0.0%		
(D ₉₀ - D ₁₀):	139.1	0.939	FINE GRAVEL: 0.0%	FINE SILT: 0.0%		
(D ₇₅ / D ₂₅):	1.439	1.267	V FINE GRAVEL: 0.0%	V FINE SILT: 0.0%		
(D ₇₅ - D ₂₅):	78.18	0.525	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}):	221.3	211.5	2.242	209.5	2.255	Fine Sand
SORTING (σ):	72.73	1.321	0.402	1.305	0.384	Well Sorted
SKEWNESS (Sk):	3.096	0.635	-0.635	0.100	-0.100	Coarse Skewed
KURTOSIS (K):	23.50	5.153	5.153	0.991	0.991	Mesokurtic

GRAIN SIZE DISTRIBUTION