

SIEVING ERROR: 0.4%

SAMPLE STATISTICSSAMPLE IDENTITY: **AL-91-12_250**

ANALYST & DATE: SA/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: 41.3%		
MODE 3:			MUD: 0.0%	FINE SAND: 51.6%		
D ₁₀ :	163.0	1.276		V FINE SAND: 1.3%		
MEDIAN or D ₅₀ :	241.8	2.048	V COARSE GRAVEL: 0.0%	V COARSE SILT: 0.0%		
D ₉₀ :	412.9	2.617	COARSE GRAVEL: 0.0%	COARSE SILT: 0.0%		
(D ₉₀ / D ₁₀):	2.534	2.051	MEDIUM GRAVEL: 0.0%	MEDIUM SILT: 0.0%		
(D ₉₀ - D ₁₀):	249.9	1.341	FINE GRAVEL: 0.0%	FINE SILT: 0.0%		
(D ₇₅ / D ₂₅):	1.520	1.339	V FINE GRAVEL: 0.0%	V FINE SILT: 0.0%		
(D ₇₅ - D ₂₅):	99.37	0.604	V COARSE SAND: 1.7%	CLAY: 0.0%		
	METHOD OF MOMENTS			FOLK & WARD METHOD		
	Arithmetic	Geometric	Logarithmic	Geometric	Logarithmic	Description
	μm	μm	ϕ	μm	ϕ	
MEAN (\bar{x}):	280.8	250.4	1.997	244.2	2.034	Fine Sand
SORTING (σ):	188.3	1.515	0.599	1.421	0.506	Moderately Well Sorted
SKEWNESS (Sk):	4.589	1.517	-1.517	0.143	-0.143	Coarse Skewed
KURTOSIS (K):	28.84	7.308	7.308	1.243	1.243	Leptokurtic

GRAIN SIZE DISTRIBUTION