

SIEVING ERROR: 0.7%

SAMPLE STATISTICSSAMPLE IDENTITY: **AL-91-9_100**

ANALYST & DATE: TB/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: 5.8%		
MODE 2:	193.5	2.375	SAND: 99.7%	MEDIUM SAND: 41.3%		
MODE 3:			MUD: 0.3%	FINE SAND: 42.9%		
D ₁₀ :	125.4	1.201		V FINE SAND: 9.6%		
MEDIAN or D ₅₀ :	239.6	2.061	V COARSE GRAVEL: 0.0%	V COARSE SILT: 0.3%		
D ₉₀ :	434.9	2.995	COARSE GRAVEL: 0.0%	COARSE SILT: 0.0%		
(D ₉₀ / D ₁₀):	3.467	2.493	MEDIUM GRAVEL: 0.0%	MEDIUM SILT: 0.0%		
(D ₉₀ - D ₁₀):	309.5	1.794	FINE GRAVEL: 0.0%	FINE SILT: 0.0%		
(D ₇₅ / D ₂₅):	1.703	1.438	V FINE GRAVEL: 0.0%	V FINE SILT: 0.0%		
(D ₇₅ - D ₂₅):	122.4	0.768	V COARSE SAND: 0.2%	CLAY: 0.0%		
	METHOD OF MOMENTS			FOLK & WARD METHOD		
	Arithmetic	Geometric	Logarithmic	Geometric	Logarithmic	Description
	μm	μm	ϕ	μm	ϕ	
MEAN (\bar{x}):	261.9	233.1	2.101	232.2	2.107	Fine Sand
SORTING (σ):	136.3	1.600	0.678	1.585	0.664	Moderately Well Sorted
SKEWNESS (Sk):	1.973	0.096	-0.096	-0.055	0.055	Symmetrical
KURTOSIS (K):	9.239	3.400	3.400	1.216	1.216	Leptokurtic

GRAIN SIZE DISTRIBUTION