

SIEVING ERROR: 0.9%

SAMPLE STATISTICSSAMPLE IDENTITY: **AL-91-9_25**

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: 2.8%		
MODE 2:	193.5	2.375	SAND: 99.4%	MEDIUM SAND: 29.4%		
MODE 3:			MUD: 0.6%	FINE SAND: 52.4%		
D ₁₀ :	113.7	1.597		V FINE SAND: 14.1%		
MEDIAN or D ₅₀ :	199.9	2.323	V COARSE GRAVEL: 0.0%	V COARSE SILT: 0.6%		
D ₉₀ :	330.5	3.137	COARSE GRAVEL: 0.0%	COARSE SILT: 0.0%		
(D ₉₀ / D ₁₀):	2.908	1.964	MEDIUM GRAVEL: 0.0%	MEDIUM SILT: 0.0%		
(D ₉₀ - D ₁₀):	216.8	1.540	FINE GRAVEL: 0.0%	FINE SILT: 0.0%		
(D ₇₅ / D ₂₅):	1.784	1.440	V FINE GRAVEL: 0.0%	V FINE SILT: 0.0%		
(D ₇₅ - D ₂₅):	117.7	0.835	V COARSE SAND: 0.7%	CLAY: 0.0%		
	METHOD OF MOMENTS			FOLK & WARD METHOD		
	Arithmetic	Geometric	Logarithmic	Geometric	Logarithmic	Description
	μm	μm	ϕ	μm	ϕ	
MEAN (\bar{x}):	228.0	201.9	2.308	195.0	2.359	Fine Sand
SORTING (σ):	134.9	1.591	0.670	1.534	0.618	Moderately Well Sorted
SKEWNESS (Sk):	3.298	0.403	-0.403	-0.019	0.019	Symmetrical
KURTOSIS (K):	18.60	4.533	4.533	1.045	1.045	Mesokurtic

GRAIN SIZE DISTRIBUTION