

SIEVING ERROR: 0.5%

SAMPLE STATISTICSSAMPLE IDENTITY: **AL-91-9_50**

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: 3.5%		
MODE 2:	193.5	2.375	SAND: 99.9%	MEDIUM SAND: 37.6%		
MODE 3:			MUD: 0.1%	FINE SAND: 49.7%		
D ₁₀ :	127.9	1.445		V FINE SAND: 8.9%		
MEDIAN or D ₅₀ :	222.5	2.168	V COARSE GRAVEL: 0.0%	V COARSE SILT: 0.1%		
D ₉₀ :	367.3	2.967	COARSE GRAVEL: 0.0%	COARSE SILT: 0.0%		
(D ₉₀ / D ₁₀):	2.873	2.054	MEDIUM GRAVEL: 0.0%	MEDIUM SILT: 0.0%		
(D ₉₀ - D ₁₀):	239.5	1.522	FINE GRAVEL: 0.0%	FINE SILT: 0.0%		
(D ₇₅ / D ₂₅):	1.654	1.398	V FINE GRAVEL: 0.0%	V FINE SILT: 0.0%		
(D ₇₅ - D ₂₅):	111.6	0.726	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}):	245.9	222.3	2.169	217.3	2.202	Fine Sand
SORTING (σ):	124.6	1.534	0.617	1.501	0.586	Moderately Well Sorted
SKEWNESS (Sk):	2.651	0.314	-0.314	-0.031	0.031	Symmetrical
KURTOSIS (K):	14.28	4.001	4.001	1.173	1.173	Leptokurtic

GRAIN SIZE DISTRIBUTION