

SIEVING ERROR: 0.5%

SAMPLE STATISTICSSAMPLE IDENTITY: **AL-91-9_75**

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: 5.6%		
MODE 2:	193.5	2.375	SAND: 99.7%	MEDIUM SAND: 42.5%		
MODE 3:			MUD: 0.3%	FINE SAND: 42.8%		
D ₁₀ :	128.5	1.207		V FINE SAND: 8.7%		
MEDIAN or D ₅₀ :	243.5	2.038	V COARSE GRAVEL: 0.0%	V COARSE SILT: 0.3%		
D ₉₀ :	433.2	2.960	COARSE GRAVEL: 0.0%	COARSE SILT: 0.0%		
(D ₉₀ / D ₁₀):	3.371	2.452	MEDIUM GRAVEL: 0.0%	MEDIUM SILT: 0.0%		
(D ₉₀ - D ₁₀):	304.6	1.753	FINE GRAVEL: 0.0%	FINE SILT: 0.0%		
(D ₇₅ / D ₂₅):	1.685	1.433	V FINE GRAVEL: 0.0%	V FINE SILT: 0.0%		
(D ₇₅ - D ₂₅):	122.0	0.752	V COARSE SAND: 0.1%	CLAY: 0.0%		
	METHOD OF MOMENTS			FOLK & WARD METHOD		
	Arithmetic	Geometric	Logarithmic	Geometric	Logarithmic	Description
	μm	μm	ϕ	μm	ϕ	
MEAN (\bar{x}):	263.4	235.8	2.084	236.1	2.082	Fine Sand
SORTING (σ):	131.6	1.583	0.663	1.570	0.651	Moderately Well Sorted
SKEWNESS (Sk):	1.828	0.035	-0.035	-0.064	0.064	Symmetrical
KURTOSIS (K):	8.416	3.435	3.435	1.219	1.219	Leptokurtic

GRAIN SIZE DISTRIBUTION