

SIEVING ERROR: 1.0%

SAMPLE STATISTICSSAMPLE IDENTITY: **AL-91-14_175**

ANALYST & DATE: SA/RM, 8/21/91

SAMPLE TYPE: Bimodal, Moderately Well Sorted

TEXTURAL GROUP: Sand

SEDIMENT NAME: Moderately Well Sorted Medium Sand

	μm	ϕ	GRAIN SIZE DISTRIBUTION			
MODE 1:	273.5	1.876	GRAVEL: 0.0%	COARSE SAND: 5.5%		
MODE 2:	193.5	2.375	SAND: 99.4%	MEDIUM SAND: 47.7%		
MODE 3:			MUD: 0.6%	FINE SAND: 43.8%		
D ₁₀ :	153.8	1.305		V FINE SAND: 2.5%		
MEDIAN or D ₅₀ :	255.4	1.969	V COARSE GRAVEL: 0.0%	V COARSE SILT: 0.6%		
D ₉₀ :	404.6	2.701	COARSE GRAVEL: 0.0%	COARSE SILT: 0.0%		
(D ₉₀ / D ₁₀):	2.632	2.069	MEDIUM GRAVEL: 0.0%	MEDIUM SILT: 0.0%		
(D ₉₀ - D ₁₀):	250.9	1.396	FINE GRAVEL: 0.0%	FINE SILT: 0.0%		
(D ₇₅ / D ₂₅):	1.624	1.411	V FINE GRAVEL: 0.0%	V FINE SILT: 0.0%		
(D ₇₅ - D ₂₅):	118.0	0.699	V COARSE SAND: 0.0%	CLAY: 0.0%		
	METHOD OF MOMENTS			FOLK & WARD METHOD		
	Arithmetic	Geometric	Logarithmic	Geometric	Logarithmic	Description
	μm	μm	ϕ	μm	ϕ	
MEAN (\bar{x}):	278.4	250.4	1.998	247.3	2.015	Fine Sand
SORTING (σ):	149.0	1.543	0.626	1.472	0.558	Moderately Well Sorted
SKEWNESS (Sk):	2.627	0.386	-0.386	-0.039	0.039	Symmetrical
KURTOSIS (K):	11.49	5.049	5.049	1.162	1.162	Leptokurtic

GRAIN SIZE DISTRIBUTION