

SIEVING ERROR: 0.1%

SAMPLE STATISTICSSAMPLE IDENTITY: **AL-91-14_25**

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

SAMPLE TYPE: Bimodal, Well Sorted

TEXTURAL GROUP: Sand

SEDIMENT NAME: Well Sorted Medium Sand

	μm	ϕ	GRAIN SIZE DISTRIBUTION			
MODE 1:	273.5	1.876	GRAVEL: 0.0%	COARSE SAND: 1.9%		
MODE 2:	193.5	2.375	SAND: 100.0%	MEDIUM SAND: 50.2%		
MODE 3:			MUD: 0.0%	FINE SAND: 45.3%		
D ₁₀ :	153.5	1.482		V FINE SAND: 2.6%		
MEDIAN or D ₅₀ :	253.3	1.981	V COARSE GRAVEL: 0.0%	V COARSE SILT: 0.0%		
D ₉₀ :	358.0	2.704	COARSE GRAVEL: 0.0%	COARSE SILT: 0.0%		
(D ₉₀ / D ₁₀):	2.332	1.824	MEDIUM GRAVEL: 0.0%	MEDIUM SILT: 0.0%		
(D ₉₀ - D ₁₀):	204.5	1.222	FINE GRAVEL: 0.0%	FINE SILT: 0.0%		
(D ₇₅ / D ₂₅):	1.569	1.369	V FINE GRAVEL: 0.0%	V FINE SILT: 0.0%		
(D ₇₅ - D ₂₅):	107.0	0.650	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}):	257.9	241.0	2.053	241.7	2.049	Fine Sand
SORTING (σ):	102.3	1.422	0.508	1.401	0.486	Well Sorted
SKEWNESS (Sk):	2.459	0.207	-0.207	-0.165	0.165	Fine Skewed
KURTOSIS (K):	15.11	4.051	4.051	1.025	1.025	Mesokurtic

GRAIN SIZE DISTRIBUTION