

SIEVING ERROR: 0.7%

SAMPLE STATISTICSSAMPLE IDENTITY: **AL-91-14_275**

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: 2.3%		
MODE 2:	193.5	2.375	SAND: 99.9%	MEDIUM SAND: 51.2%		
MODE 3:			MUD: 0.1%	FINE SAND: 41.5%		
D ₁₀ :	145.4	1.433		V FINE SAND: 4.8%		
MEDIAN or D ₅₀ :	255.4	1.969	V COARSE GRAVEL: 0.0%	V COARSE SILT: 0.1%		
D ₉₀ :	370.4	2.782	COARSE GRAVEL: 0.0%	COARSE SILT: 0.0%		
(D ₉₀ / D ₁₀):	2.547	1.941	MEDIUM GRAVEL: 0.0%	MEDIUM SILT: 0.0%		
(D ₉₀ - D ₁₀):	225.0	1.349	FINE GRAVEL: 0.0%	FINE SILT: 0.0%		
(D ₇₅ / D ₂₅):	1.599	1.389	V FINE GRAVEL: 0.0%	V FINE SILT: 0.0%		
(D ₇₅ - D ₂₅):	111.9	0.677	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}):	259.5	239.6	2.061	241.2	2.052	Fine Sand
SORTING (σ):	108.8	1.478	0.563	1.441	0.527	Moderately Well Sorted
SKEWNESS (Sk):	2.211	-0.152	0.152	-0.200	0.200	Fine Skewed
KURTOSIS (K):	13.16	4.207	4.207	1.075	1.075	Mesokurtic

GRAIN SIZE DISTRIBUTION