

SIEVING ERROR: 0.7%

SAMPLE STATISTICSSAMPLE IDENTITY: **AL-91-2_250**

ANALYST & DATE: TC/RM, 8/16/91

SAMPLE TYPE: Polymodal, Moderately Sorted

TEXTURAL GROUP: Sand

SEDIMENT NAME: Moderately Sorted Fine Sand

	μm	ϕ	GRAIN SIZE DISTRIBUTION			
MODE 1:	193.5	2.375	GRAVEL: 0.0%	COARSE SAND: 15.0%		
MODE 2:	273.5	1.876	SAND: 99.6%	MEDIUM SAND: 31.0%		
MODE 3:	547.5	0.875	MUD: 0.4%	FINE SAND: 45.1%		
D ₁₀ :	130.8	0.755		V FINE SAND: 7.2%		
MEDIAN or D ₅₀ :	236.8	2.078	V COARSE GRAVEL: 0.0%	V COARSE SILT: 0.4%		
D ₉₀ :	592.3	2.934	COARSE GRAVEL: 0.0%	COARSE SILT: 0.0%		
(D ₉₀ / D ₁₀):	4.527	3.884	MEDIUM GRAVEL: 0.0%	MEDIUM SILT: 0.0%		
(D ₉₀ - D ₁₀):	461.5	2.179	FINE GRAVEL: 0.0%	FINE SILT: 0.0%		
(D ₇₅ / D ₂₅):	2.261	1.838	V FINE GRAVEL: 0.0%	V FINE SILT: 0.0%		
(D ₇₅ - D ₂₅):	210.8	1.177	V COARSE SAND: 1.4%	CLAY: 0.0%		
	METHOD OF MOMENTS			FOLK & WARD METHOD		
	Arithmetic	Geometric	Logarithmic	Geometric	Logarithmic	Description
	μm	μm	ϕ	μm	ϕ	
MEAN (\bar{x}):	309.4	257.0	1.960	259.4	1.946	Medium Sand
SORTING (σ):	209.7	1.787	0.838	1.822	0.865	Moderately Sorted
SKEWNESS (Sk):	1.702	0.490	-0.490	0.234	-0.234	Coarse Skewed
KURTOSIS (K):	5.684	2.663	2.663	0.962	0.962	Mesokurtic

GRAIN SIZE DISTRIBUTION