

SIEVING ERROR: 1.1%

SAMPLE STATISTICSSAMPLE IDENTITY: **AL-91-12_375**

ANALYST & DATE: SA/RM, 8/17/91

SAMPLE TYPE: Trimodal, Moderately Sorted

TEXTURAL GROUP: Sand

SEDIMENT NAME: Moderately Sorted Fine Sand

	μm	ϕ	GRAIN SIZE DISTRIBUTION			
MODE 1:	273.5	1.876	GRAVEL: 0.0%	COARSE SAND: 5.3%		
MODE 2:	193.5	2.375	SAND: 99.9%	MEDIUM SAND: 41.4%		
MODE 3:	1548.0	-0.625	MUD: 0.1%	FINE SAND: 45.7%		
D ₁₀ :	168.8	0.860		V FINE SAND: 1.1%		
MEDIAN or D ₅₀ :	255.6	1.968	V COARSE GRAVEL: 0.0%	V COARSE SILT: 0.1%		
D ₉₀ :	550.8	2.567	COARSE GRAVEL: 0.0%	COARSE SILT: 0.0%		
(D ₉₀ / D ₁₀):	3.264	2.984	MEDIUM GRAVEL: 0.0%	MEDIUM SILT: 0.0%		
(D ₉₀ - D ₁₀):	382.1	1.707	FINE GRAVEL: 0.0%	FINE SILT: 0.0%		
(D ₇₅ / D ₂₅):	1.634	1.432	V FINE GRAVEL: 0.0%	V FINE SILT: 0.0%		
(D ₇₅ - D ₂₅):	124.6	0.708	V COARSE SAND: 6.5%	CLAY: 0.0%		
	METHOD OF MOMENTS			FOLK & WARD METHOD		
	Arithmetic	Geometric	Logarithmic	Geometric	Logarithmic	Description
	μm	μm	ϕ	μm	ϕ	
MEAN (\bar{x}):	353.6	282.6	1.823	269.0	1.894	Medium Sand
SORTING (σ):	332.5	1.767	0.821	1.734	0.794	Moderately Sorted
SKEWNESS (Sk):	2.941	1.611	-1.611	0.363	-0.363	Very Coarse Skewed
KURTOSIS (K):	10.67	5.677	5.677	1.892	1.892	Very Leptokurtic

GRAIN SIZE DISTRIBUTION