

SIEVING ERROR: 0.6%

SAMPLE STATISTICSSAMPLE IDENTITY: **AL-91-9_275**

ANALYST & DATE: TB/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: 19.0%		
MODE 2:	193.5	2.375	SAND: 99.8%	MEDIUM SAND: 38.1%		
MODE 3:	547.5	0.875	MUD: 0.2%	FINE SAND: 38.4%		
D_{10} :	153.9	0.798		V FINE SAND: 4.4%		
MEDIAN or D_{50} :	269.4	1.892	V COARSE GRAVEL: 0.0%	V COARSE SILT: 0.2%		
D_{90} :	575.2	2.700	COARSE GRAVEL: 0.0%	COARSE SILT: 0.0%		
(D_{90} / D_{10}) :	3.737	3.384	MEDIUM GRAVEL: 0.0%	MEDIUM SILT: 0.0%		
$(D_{90} - D_{10})$:	421.3	1.902	FINE GRAVEL: 0.0%	FINE SILT: 0.0%		
(D_{75} / D_{25}) :	2.291	2.026	V FINE GRAVEL: 0.0%	V FINE SILT: 0.0%		
$(D_{75} - D_{25})$:	251.2	1.196	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}):	324.7	284.2	1.815	291.6	1.778	Medium Sand
SORTING (σ):	167.3	1.671	0.741	1.683	0.751	Moderately Sorted
SKEWNESS (Sk):	0.859	-0.021	0.021	0.150	-0.150	Coarse Skewed
KURTOSIS (K):	2.823	2.478	2.478	0.807	0.807	Platykurtic

GRAIN SIZE DISTRIBUTION