

SIEVING ERROR: 0.5%

SAMPLE STATISTICSSAMPLE IDENTITY: **AL-93-2_50**

ANALYST & DATE: TB/RM, 7/29/93

SAMPLE TYPE: Unimodal, 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: 7.5%		
MODE 2:			SAND: 99.9%	MEDIUM SAND: 70.2%		
MODE 3:			MUD: 0.1%	FINE SAND: 20.9%		
D ₁₀ :	197.2	1.064		V FINE SAND: 1.1%		
MEDIAN or D ₅₀ :	290.2	1.785	V COARSE GRAVEL: 0.0%	V COARSE SILT: 0.1%		
D ₉₀ :	478.4	2.342	COARSE GRAVEL: 0.0%	COARSE SILT: 0.0%		
(D ₉₀ / D ₁₀):	2.426	2.202	MEDIUM GRAVEL: 0.0%	MEDIUM SILT: 0.0%		
(D ₉₀ - D ₁₀):	281.2	1.278	FINE GRAVEL: 0.0%	FINE SILT: 0.0%		
(D ₇₅ / D ₂₅):	1.458	1.379	V FINE GRAVEL: 0.0%	V FINE SILT: 0.0%		
(D ₇₅ - D ₂₅):	116.1	0.544	V COARSE SAND: 0.1%	CLAY: 0.0%		
	METHOD OF MOMENTS			FOLK & WARD METHOD		
	Arithmetic	Geometric	Logarithmic	Geometric	Logarithmic	Description
	μm	μm	ϕ	μm	ϕ	
MEAN (\bar{x}):	321.3	300.9	1.732	302.5	1.725	Medium Sand
SORTING (σ):	119.6	1.421	0.507	1.400	0.485	Well Sorted
SKEWNESS (Sk):	1.621	-0.086	0.086	0.150	-0.150	Coarse Skewed
KURTOSIS (K):	8.060	4.521	4.521	1.245	1.245	Leptokurtic

GRAIN SIZE DISTRIBUTION