

SIEVING ERROR: 0.4%

SAMPLE STATISTICSSAMPLE IDENTITY: **AL-93-2_25**

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: 3.5%		
MODE 2:			SAND: 99.8%	MEDIUM SAND: 66.7%		
MODE 3:			MUD: 0.2%	FINE SAND: 27.7%		
D ₁₀ :	183.3	1.255		V FINE SAND: 1.9%		
MEDIAN or D ₅₀ :	276.4	1.855	V COARSE GRAVEL: 0.0%	V COARSE SILT: 0.2%		
D ₉₀ :	419.0	2.448	COARSE GRAVEL: 0.0%	COARSE SILT: 0.0%		
(D ₉₀ / D ₁₀):	2.285	1.950	MEDIUM GRAVEL: 0.0%	MEDIUM SILT: 0.0%		
(D ₉₀ - D ₁₀):	235.6	1.192	FINE GRAVEL: 0.0%	FINE SILT: 0.0%		
(D ₇₅ / D ₂₅):	1.421	1.318	V FINE GRAVEL: 0.0%	V FINE SILT: 0.0%		
(D ₇₅ - D ₂₅):	98.10	0.507	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}):	291.2	274.8	1.863	275.4	1.860	Medium Sand
SORTING (σ):	97.52	1.398	0.484	1.381	0.466	Well Sorted
SKEWNESS (Sk):	1.217	-0.454	0.454	-0.021	0.021	Symmetrical
KURTOSIS (K):	6.547	4.947	4.947	1.319	1.319	Leptokurtic

GRAIN SIZE DISTRIBUTION