

SIEVING ERROR: 2.3%

SAMPLE STATISTICSSAMPLE IDENTITY: **AL-93-2_100**

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

SAMPLE TYPE: Trimodal, Moderately Sorted

TEXTURAL GROUP: Sand

SEDIMENT NAME: Moderately Sorted Medium Sand

	μm	ϕ	GRAIN SIZE DISTRIBUTION			
MODE 1:	273.5	1.876	GRAVEL: 0.0%	COARSE SAND: 3.4%		
MODE 2:	193.5	2.375	SAND: 94.1%	MEDIUM SAND: 48.0%		
MODE 3:	58.00	4.113	MUD: 5.9%	FINE SAND: 35.3%		
D_{10} :	106.4	1.342		V FINE SAND: 7.2%		
MEDIAN or D_{50} :	252.6	1.985	V COARSE GRAVEL: 0.0%	V COARSE SILT: 5.9%		
D_{90} :	394.5	3.233	COARSE GRAVEL: 0.0%	COARSE SILT: 0.0%		
(D_{90} / D_{10}) :	3.708	2.409	MEDIUM GRAVEL: 0.0%	MEDIUM SILT: 0.0%		
$(D_{90} - D_{10})$:	288.1	1.891	FINE GRAVEL: 0.0%	FINE SILT: 0.0%		
(D_{75} / D_{25}) :	1.657	1.416	V FINE GRAVEL: 0.0%	V FINE SILT: 0.0%		
$(D_{75} - D_{25})$:	117.7	0.728	V COARSE SAND: 0.2%	CLAY: 0.0%		
	METHOD OF MOMENTS			FOLK & WARD METHOD		
	Arithmetic	Geometric	Logarithmic	Geometric	Logarithmic	Description
	μm	μm	ϕ	μm	ϕ	
MEAN (\bar{x}):	253.1	222.1	2.171	229.3	2.125	Fine Sand
SORTING (σ):	123.7	1.711	0.775	1.705	0.770	Moderately Sorted
SKEWNESS (Sk):	1.524	-0.817	0.817	-0.357	0.357	Very Fine Skewed
KURTOSIS (K):	9.423	3.867	3.867	1.662	1.662	Very Leptokurtic

GRAIN SIZE DISTRIBUTION