

SIEVING ERROR: 1.7%

SAMPLE STATISTICSSAMPLE IDENTITY: **AL-93-1_100**

ANALYST & DATE: TB/RM, 7/28/93

SAMPLE TYPE: Trimodal, Moderately Sorted

TEXTURAL GROUP: Sand

SEDIMENT NAME: Moderately Sorted Fine Sand

	μm	ϕ	GRAIN SIZE DISTRIBUTION			
MODE 1:	137.0	2.873	GRAVEL: 0.0%	COARSE SAND: 3.6%		
MODE 2:	273.5	1.876	SAND: 95.6%	MEDIUM SAND: 12.0%		
MODE 3:	58.00	4.113	MUD: 4.4%	FINE SAND: 57.5%		
D_{10} :	95.97	1.805		V FINE SAND: 21.9%		
MEDIAN or D_{50} :	157.3	2.668	V COARSE GRAVEL: 0.0%	V COARSE SILT: 4.4%		
D_{90} :	286.1	3.381	COARSE GRAVEL: 0.0%	COARSE SILT: 0.0%		
(D_{90} / D_{10}) :	2.982	1.873	MEDIUM GRAVEL: 0.0%	MEDIUM SILT: 0.0%		
$(D_{90} - D_{10})$:	190.2	1.576	FINE GRAVEL: 0.0%	FINE SILT: 0.0%		
(D_{75} / D_{25}) :	1.672	1.325	V FINE GRAVEL: 0.0%	V FINE SILT: 0.0%		
$(D_{75} - D_{25})$:	82.75	0.742	V COARSE SAND: 0.6%	CLAY: 0.0%		
	METHOD OF MOMENTS			FOLK & WARD METHOD		
	Arithmetic	Geometric	Logarithmic	Geometric	Logarithmic	Description
	μm	μm	ϕ	μm	ϕ	
MEAN (\bar{x}):	193.0	164.4	2.605	163.3	2.614	Fine Sand
SORTING (σ):	143.6	1.674	0.743	1.639	0.712	Moderately Sorted
SKEWNESS (Sk):	3.583	0.792	-0.792	0.110	-0.110	Coarse Skewed
KURTOSIS (K):	18.68	4.994	4.994	1.514	1.514	Very Leptokurtic

GRAIN SIZE DISTRIBUTION