

SIEVING ERROR: 1.2%

SAMPLE STATISTICSSAMPLE IDENTITY: **AL-93-1_50**

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

SAMPLE TYPE: Trimodal, Moderately Well Sorted

TEXTURAL GROUP: Sand

SEDIMENT NAME: Moderately Well Sorted Fine Sand

	μm	ϕ	GRAIN SIZE DISTRIBUTION			
MODE 1:	137.0	2.873	GRAVEL: 0.0%	COARSE SAND: 1.5%		
MODE 2:	273.5	1.876	SAND: 96.4%	MEDIUM SAND: 14.5%		
MODE 3:	58.00	4.113	MUD: 3.6%	FINE SAND: 59.2%		
D_{10} :	102.4	1.847		V FINE SAND: 21.2%		
MEDIAN or D_{50} :	160.5	2.639	V COARSE GRAVEL: 0.0%	V COARSE SILT: 3.6%		
D_{90} :	278.0	3.288	COARSE GRAVEL: 0.0%	COARSE SILT: 0.0%		
(D_{90} / D_{10}) :	2.714	1.780	MEDIUM GRAVEL: 0.0%	MEDIUM SILT: 0.0%		
$(D_{90} - D_{10})$:	175.5	1.440	FINE GRAVEL: 0.0%	FINE SILT: 0.0%		
(D_{75} / D_{25}) :	1.658	1.322	V FINE GRAVEL: 0.0%	V FINE SILT: 0.0%		
$(D_{75} - D_{25})$:	82.46	0.730	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}):	180.6	162.8	2.619	165.1	2.598	Fine Sand
SORTING (σ):	92.37	1.550	0.632	1.528	0.612	Moderately Well Sorted
SKEWNESS (Sk):	2.752	0.180	-0.180	0.030	-0.030	Symmetrical
KURTOSIS (K):	16.63	4.027	4.027	1.197	1.197	Leptokurtic

GRAIN SIZE DISTRIBUTION