

SIEVING ERROR: 0.2%

SAMPLE STATISTICSSAMPLE IDENTITY: **AL-93-1_150**

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: 1.1%		
MODE 2:	273.5	1.876	SAND: 99.1%	MEDIUM SAND: 11.0%		
MODE 3:	68.50	3.872	MUD: 0.9%	FINE SAND: 54.6%		
D_{10} :	90.64	1.929		V FINE SAND: 32.4%		
MEDIAN or D_{50} :	146.8	2.768	V COARSE GRAVEL: 0.0%	V COARSE SILT: 0.9%		
D_{90} :	262.7	3.464	COARSE GRAVEL: 0.0%	COARSE SILT: 0.0%		
(D_{90} / D_{10}) :	2.898	1.796	MEDIUM GRAVEL: 0.0%	MEDIUM SILT: 0.0%		
$(D_{90} - D_{10})$:	172.1	1.535	FINE GRAVEL: 0.0%	FINE SILT: 0.0%		
(D_{75} / D_{25}) :	1.688	1.320	V FINE GRAVEL: 0.0%	V FINE SILT: 0.0%		
$(D_{75} - D_{25})$:	79.34	0.756	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}):	167.3	151.4	2.724	151.9	2.719	Fine Sand
SORTING (σ):	86.56	1.524	0.608	1.490	0.576	Moderately Well Sorted
SKEWNESS (Sk):	3.084	0.486	-0.486	0.075	-0.075	Symmetrical
KURTOSIS (K):	19.78	3.979	3.979	1.076	1.076	Mesokurtic

GRAIN SIZE DISTRIBUTION