

SIEVING ERROR: 1.7%

SAMPLE STATISTICSSAMPLE IDENTITY: **AL-93-2_175**

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

SAMPLE TYPE: Trimodal, Moderately Well Sorted

TEXTURAL GROUP: Sand

SEDIMENT NAME: Moderately Well Sorted Fine Sand

	μm	ϕ	GRAIN SIZE DISTRIBUTION			
MODE 1:	273.5	1.876	GRAVEL: 0.0%	COARSE SAND: 1.0%		
MODE 2:	193.5	2.375	SAND: 96.4%	MEDIUM SAND: 36.2%		
MODE 3:	58.00	4.113	MUD: 3.6%	FINE SAND: 50.6%		
D_{10} :	115.7	1.627		V FINE SAND: 8.6%		
MEDIAN or D_{50} :	213.8	2.225	V COARSE GRAVEL: 0.0%	V COARSE SILT: 3.6%		
D_{90} :	323.8	3.111	COARSE GRAVEL: 0.0%	COARSE SILT: 0.0%		
(D_{90} / D_{10}) :	2.798	1.913	MEDIUM GRAVEL: 0.0%	MEDIUM SILT: 0.0%		
$(D_{90} - D_{10})$:	208.1	1.484	FINE GRAVEL: 0.0%	FINE SILT: 0.0%		
(D_{75} / D_{25}) :	1.665	1.393	V FINE GRAVEL: 0.0%	V FINE SILT: 0.0%		
$(D_{75} - D_{25})$:	109.2	0.736	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}):	223.4	203.5	2.297	205.0	2.287	Fine Sand
SORTING (σ):	92.06	1.560	0.641	1.528	0.612	Moderately Well Sorted
SKEWNESS (Sk):	1.317	-0.783	0.783	-0.220	0.220	Fine Skewed
KURTOSIS (K):	9.641	4.174	4.174	1.255	1.255	Leptokurtic

GRAIN SIZE DISTRIBUTION