

SIEVING ERROR: 1.3%

SAMPLE STATISTICSSAMPLE IDENTITY: **AL-91-1_300**

ANALYST & DATE: DM/RM, 11/5/91

SAMPLE TYPE: Unimodal, Well Sorted

TEXTURAL GROUP: Sand

SEDIMENT NAME: Well Sorted Fine Sand

	μm	ϕ	GRAIN SIZE DISTRIBUTION			
MODE 1:	193.5	2.375	GRAVEL: 0.0%	COARSE SAND: 0.3%		
MODE 2:			SAND: 97.4%	MEDIUM SAND: 15.2%		
MODE 3:			MUD: 2.6%	FINE SAND: 73.3%		
D_{10} :	120.2	1.873		V FINE SAND: 8.6%		
MEDIAN or D_{50} :	187.5	2.415	V COARSE GRAVEL: 0.0%	V COARSE SILT: 2.6%		
D_{90} :	273.0	3.057	COARSE GRAVEL: 0.0%	COARSE SILT: 0.0%		
(D_{90} / D_{10}) :	2.271	1.632	MEDIUM GRAVEL: 0.0%	MEDIUM SILT: 0.0%		
$(D_{90} - D_{10})$:	152.8	1.183	FINE GRAVEL: 0.0%	FINE SILT: 0.0%		
(D_{75} / D_{25}) :	1.443	1.245	V FINE GRAVEL: 0.0%	V FINE SILT: 0.0%		
$(D_{75} - D_{25})$:	68.63	0.529	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}):	194.2	182.1	2.457	185.3	2.432	Fine Sand
SORTING (σ):	67.38	1.433	0.519	1.377	0.462	Well Sorted
SKEWNESS (Sk):	1.214	-0.711	0.711	-0.124	0.124	Fine Skewed
KURTOSIS (K):	6.972	5.038	5.038	1.259	1.259	Leptokurtic

GRAIN SIZE DISTRIBUTION