

SIEVING ERROR: 0.8%

SAMPLE STATISTICSSAMPLE IDENTITY: **AL-91-3_300**

ANALYST & DATE: DM/RM, 8/16/91

SAMPLE TYPE: Bimodal, Moderately Well Sorted

TEXTURAL GROUP: Sand

SEDIMENT NAME: Moderately Well Sorted Fine Sand

	μm	ϕ	GRAIN SIZE DISTRIBUTION			
MODE 1:	193.5	2.375	GRAVEL: 0.0%	COARSE SAND: 2.3%		
MODE 2:	273.5	1.876	SAND: 98.7%	MEDIUM SAND: 33.6%		
MODE 3:			MUD: 1.3%	FINE SAND: 55.2%		
D_{10} :	127.5	1.475		V FINE SAND: 7.5%		
MEDIAN or D_{50} :	206.0	2.280	V COARSE GRAVEL: 0.0%	V COARSE SILT: 1.3%		
D_{90} :	359.7	2.972	COARSE GRAVEL: 0.0%	COARSE SILT: 0.0%		
(D_{90} / D_{10}) :	2.822	2.015	MEDIUM GRAVEL: 0.0%	MEDIUM SILT: 0.0%		
$(D_{90} - D_{10})$:	232.2	1.497	FINE GRAVEL: 0.0%	FINE SILT: 0.0%		
(D_{75} / D_{25}) :	1.727	1.425	V FINE GRAVEL: 0.0%	V FINE SILT: 0.0%		
$(D_{75} - D_{25})$:	116.3	0.788	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}):	230.1	210.2	2.250	207.3	2.271	Fine Sand
SORTING (σ):	98.80	1.522	0.606	1.499	0.584	Moderately Well Sorted
SKEWNESS (Sk):	1.159	-0.152	0.152	0.064	-0.064	Symmetrical
KURTOSIS (K):	4.458	3.465	3.465	1.045	1.045	Mesokurtic

GRAIN SIZE DISTRIBUTION