

SIEVING ERROR: 0.7%

SAMPLE STATISTICSSAMPLE IDENTITY: **AL-91-16_200**

ANALYST & DATE: SA/RM, 8/20/91

SAMPLE TYPE: Bimodal, 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: 0.7%		
MODE 2:	273.5	1.876	SAND: 99.4%	MEDIUM SAND: 29.8%		
MODE 3:			MUD: 0.6%	FINE SAND: 63.9%		
D_{10} :	137.6	1.764		V FINE SAND: 5.0%		
MEDIAN or D_{50} :	205.2	2.285	V COARSE GRAVEL: 0.0%	V COARSE SILT: 0.6%		
D_{90} :	294.5	2.861	COARSE GRAVEL: 0.0%	COARSE SILT: 0.0%		
(D_{90} / D_{10}) :	2.139	1.622	MEDIUM GRAVEL: 0.0%	MEDIUM SILT: 0.0%		
$(D_{90} - D_{10})$:	156.8	1.097	FINE GRAVEL: 0.0%	FINE SILT: 0.0%		
(D_{75} / D_{25}) :	1.507	1.306	V FINE GRAVEL: 0.0%	V FINE SILT: 0.0%		
$(D_{75} - D_{25})$:	87.93	0.592	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}):	219.0	206.7	2.274	206.9	2.273	Fine Sand
SORTING (σ):	72.97	1.399	0.484	1.358	0.442	Well Sorted
SKEWNESS (Sk):	1.295	-0.582	0.582	0.009	-0.009	Symmetrical
KURTOSIS (K):	7.326	5.733	5.733	1.027	1.027	Mesokurtic

GRAIN SIZE DISTRIBUTION