

SIEVING ERROR: 0.5%

SAMPLE STATISTICSSAMPLE IDENTITY: **AL-91-16_50**

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: 0.4%		
MODE 2:	273.5	1.876	SAND: 99.4%	MEDIUM SAND: 26.3%		
MODE 3:			MUD: 0.6%	FINE SAND: 67.7%		
D_{10} :	136.6	1.798		V FINE SAND: 5.1%		
MEDIAN or D_{50} :	201.0	2.315	V COARSE GRAVEL: 0.0%	V COARSE SILT: 0.6%		
D_{90} :	287.6	2.872	COARSE GRAVEL: 0.0%	COARSE SILT: 0.0%		
(D_{90} / D_{10}) :	2.106	1.598	MEDIUM GRAVEL: 0.0%	MEDIUM SILT: 0.0%		
$(D_{90} - D_{10})$:	151.1	1.074	FINE GRAVEL: 0.0%	FINE SILT: 0.0%		
(D_{75} / D_{25}) :	1.496	1.293	V FINE GRAVEL: 0.0%	V FINE SILT: 0.0%		
$(D_{75} - D_{25})$:	83.98	0.581	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}):	211.9	201.3	2.312	203.0	2.300	Fine Sand
SORTING (σ):	65.30	1.373	0.457	1.338	0.420	Well Sorted
SKEWNESS (Sk):	1.101	-0.713	0.713	-0.009	0.009	Symmetrical
KURTOSIS (K):	7.088	6.109	6.109	0.972	0.972	Mesokurtic

GRAIN SIZE DISTRIBUTION