

SIEVING ERROR: 0.8%

SAMPLE STATISTICSSAMPLE IDENTITY: **AL-91-16_100**

ANALYST & DATE: SA/RN, 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: 0.5%		
MODE 2:	273.5	1.876	SAND: 99.2%	MEDIUM SAND: 22.2%		
MODE 3:			MUD: 0.8%	FINE SAND: 70.4%		
D_{10} :	132.6	1.817		V FINE SAND: 6.1%		
MEDIAN or D_{50} :	196.1	2.351	V COARSE GRAVEL: 0.0%	V COARSE SILT: 0.8%		
D_{90} :	283.8	2.915	COARSE GRAVEL: 0.0%	COARSE SILT: 0.0%		
(D_{90} / D_{10}) :	2.140	1.604	MEDIUM GRAVEL: 0.0%	MEDIUM SILT: 0.0%		
$(D_{90} - D_{10})$:	151.2	1.098	FINE GRAVEL: 0.0%	FINE SILT: 0.0%		
(D_{75} / D_{25}) :	1.479	1.277	V FINE GRAVEL: 0.0%	V FINE SILT: 0.0%		
$(D_{75} - D_{25})$:	78.85	0.565	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}):	206.3	195.3	2.357	198.2	2.335	Fine Sand
SORTING (σ):	66.41	1.390	0.475	1.341	0.424	Well Sorted
SKEWNESS (Sk):	1.338	-0.791	0.791	-0.018	0.018	Symmetrical
KURTOSIS (K):	8.334	6.770	6.770	1.015	1.015	Mesokurtic

GRAIN SIZE DISTRIBUTION