

SIEVING ERROR: 0.3%

SAMPLE STATISTICSSAMPLE IDENTITY: **AL-91-15_75**

ANALYST & DATE: TB/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: 1.2%		
MODE 2:	273.5	1.876	SAND: 100.0%	MEDIUM SAND: 25.5%		
MODE 3:			MUD: 0.0%	FINE SAND: 71.3%		
D_{10} :	151.5	1.782		V FINE SAND: 2.0%		
MEDIAN or D_{50} :	202.3	2.306	V COARSE GRAVEL: 0.0%	V COARSE SILT: 0.0%		
D_{90} :	290.8	2.722	COARSE GRAVEL: 0.0%	COARSE SILT: 0.0%		
(D_{90} / D_{10}) :	1.919	1.528	MEDIUM GRAVEL: 0.0%	MEDIUM SILT: 0.0%		
$(D_{90} - D_{10})$:	139.3	0.941	FINE GRAVEL: 0.0%	FINE SILT: 0.0%		
(D_{75} / D_{25}) :	1.429	1.260	V FINE GRAVEL: 0.0%	V FINE SILT: 0.0%		
$(D_{75} - D_{25})$:	76.16	0.515	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}):	221.0	210.4	2.249	208.1	2.264	Fine Sand
SORTING (σ):	77.17	1.334	0.416	1.312	0.391	Well Sorted
SKEWNESS (Sk):	3.199	0.755	-0.755	0.141	-0.141	Coarse Skewed
KURTOSIS (K):	22.56	5.567	5.567	1.049	1.049	Mesokurtic

GRAIN SIZE DISTRIBUTION