

SIEVING ERROR: 14.8%

SAMPLE STATISTICSSAMPLE IDENTITY: **AL-91-14_100**

ANALYST & DATE: SA/RM, 8/21/91

SAMPLE TYPE: Bimodal, Well Sorted

TEXTURAL GROUP: Sand

SEDIMENT NAME: Well Sorted Medium Sand

	μm	ϕ	GRAIN SIZE DISTRIBUTION			
MODE 1:	273.5	1.876	GRAVEL: 0.0%	COARSE SAND: 3.0%		
MODE 2:	193.5	2.375	SAND: 99.5%	MEDIUM SAND: 56.2%		
MODE 3:			MUD: 0.5%	FINE SAND: 38.6%		
D_{10} :	161.0	1.365		V FINE SAND: 1.8%		
MEDIAN or D_{50} :	263.7	1.923	V COARSE GRAVEL: 0.0%	V COARSE SILT: 0.5%		
D_{90} :	388.3	2.635	COARSE GRAVEL: 0.0%	COARSE SILT: 0.0%		
(D_{90} / D_{10}) :	2.411	1.931	MEDIUM GRAVEL: 0.0%	MEDIUM SILT: 0.0%		
$(D_{90} - D_{10})$:	227.3	1.270	FINE GRAVEL: 0.0%	FINE SILT: 0.0%		
(D_{75} / D_{25}) :	1.576	1.392	V FINE GRAVEL: 0.0%	V FINE SILT: 0.0%		
$(D_{75} - D_{25})$:	114.3	0.656	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}):	274.0	254.4	1.975	254.0	1.977	Medium Sand
SORTING (σ):	113.1	1.452	0.538	1.406	0.492	Well Sorted
SKEWNESS (Sk):	2.405	-0.099	0.099	-0.120	0.120	Fine Skewed
KURTOSIS (K):	13.55	5.325	5.325	1.052	1.052	Mesokurtic

GRAIN SIZE DISTRIBUTION