

SIEVING ERROR: 0.4%

SAMPLE STATISTICSSAMPLE IDENTITY: **AL-91-15_50**

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: 0.9%		
MODE 2:	273.5	1.876	SAND: 99.9%	MEDIUM SAND: 22.9%		
MODE 3:			MUD: 0.1%	FINE SAND: 73.6%		
D_{10} :	148.9	1.806		V FINE SAND: 2.5%		
MEDIAN or D_{50} :	198.5	2.333	V COARSE GRAVEL: 0.0%	V COARSE SILT: 0.1%		
D_{90} :	286.0	2.747	COARSE GRAVEL: 0.0%	COARSE SILT: 0.0%		
(D_{90} / D_{10}) :	1.921	1.521	MEDIUM GRAVEL: 0.0%	MEDIUM SILT: 0.0%		
$(D_{90} - D_{10})$:	137.1	0.942	FINE GRAVEL: 0.0%	FINE SILT: 0.0%		
(D_{75} / D_{25}) :	1.423	1.252	V FINE GRAVEL: 0.0%	V FINE SILT: 0.0%		
$(D_{75} - D_{25})$:	73.34	0.509	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}):	214.4	204.7	2.288	203.9	2.294	Fine Sand
SORTING (σ):	71.21	1.324	0.405	1.304	0.383	Well Sorted
SKEWNESS (Sk):	3.146	0.616	-0.616	0.111	-0.111	Coarse Skewed
KURTOSIS (K):	24.27	5.464	5.464	1.013	1.013	Mesokurtic

GRAIN SIZE DISTRIBUTION