

SIEVING ERROR: 0.2%

SAMPLE STATISTICSSAMPLE IDENTITY: **AL-91-3_10**

ANALYST & DATE: DM/RM, 8/16/91

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: 0.0%		
MODE 2:	273.5	1.876	SAND: 99.6%	MEDIUM SAND: 34.0%		
MODE 3:			MUD: 0.4%	FINE SAND: 64.0%		
D_{10} :	154.7	1.713		V FINE SAND: 1.6%		
MEDIAN or D_{50} :	212.5	2.235	V COARSE GRAVEL: 0.0%	V COARSE SILT: 0.4%		
D_{90} :	305.0	2.693	COARSE GRAVEL: 0.0%	COARSE SILT: 0.0%		
(D_{90} / D_{10}) :	1.972	1.572	MEDIUM GRAVEL: 0.0%	MEDIUM SILT: 0.0%		
$(D_{90} - D_{10})$:	150.4	0.980	FINE GRAVEL: 0.0%	FINE SILT: 0.0%		
(D_{75} / D_{25}) :	1.472	1.293	V FINE GRAVEL: 0.0%	V FINE SILT: 0.0%		
$(D_{75} - D_{25})$:	85.82	0.558	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}):	226.3	217.0	2.204	216.5	2.208	Fine Sand
SORTING (σ):	62.34	1.324	0.405	1.313	0.393	Well Sorted
SKEWNESS (Sk):	0.631	-0.417	0.417	0.081	-0.081	Symmetrical
KURTOSIS (K):	3.544	4.528	4.528	0.958	0.958	Mesokurtic

GRAIN SIZE DISTRIBUTION