

SIEVING ERROR: 0.3%

SAMPLE STATISTICSSAMPLE IDENTITY: **AL-91-12_50**

ANALYST & DATE: TB/RM, 8/17/91

SAMPLE TYPE: Bimodal, Well Sorted

TEXTURAL GROUP: Sand

SEDIMENT NAME: Well Sorted Fine Sand

	μm	ϕ	GRAIN SIZE DISTRIBUTION			
MODE 1:	273.5	1.876	GRAVEL: 0.0%	COARSE SAND: 1.7%		
MODE 2:	193.5	2.375	SAND: 100.0%	MEDIUM SAND: 38.5%		
MODE 3:			MUD: 0.0%	FINE SAND: 55.6%		
D_{10} :	158.2	1.512		V FINE SAND: 1.8%		
MEDIAN or D_{50} :	229.6	2.123	V COARSE GRAVEL: 0.0%	V COARSE SILT: 0.0%		
D_{90} :	350.6	2.660	COARSE GRAVEL: 0.0%	COARSE SILT: 0.0%		
(D_{90} / D_{10}) :	2.216	1.759	MEDIUM GRAVEL: 0.0%	MEDIUM SILT: 0.0%		
$(D_{90} - D_{10})$:	192.4	1.148	FINE GRAVEL: 0.0%	FINE SILT: 0.0%		
(D_{75} / D_{25}) :	1.504	1.322	V FINE GRAVEL: 0.0%	V FINE SILT: 0.0%		
$(D_{75} - D_{25})$:	94.17	0.589	V COARSE SAND: 2.4%	CLAY: 0.0%		
	METHOD OF MOMENTS			FOLK & WARD METHOD		
	Arithmetic	Geometric	Logarithmic	Geometric	Logarithmic	Description
	μm	μm	ϕ	μm	ϕ	
MEAN (\bar{x}):	262.6	238.1	2.070	229.2	2.125	Fine Sand
SORTING (σ):	154.5	1.474	0.560	1.375	0.459	Well Sorted
SKEWNESS (Sk):	3.926	1.473	-1.473	0.091	-0.091	Symmetrical
KURTOSIS (K):	20.83	7.163	7.163	1.195	1.195	Leptokurtic

GRAIN SIZE DISTRIBUTION