

SIEVING ERROR: 0.2%

SAMPLE STATISTICSSAMPLE IDENTITY: **AL-91-13_50**

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

SAMPLE TYPE: Unimodal, Well Sorted

TEXTURAL GROUP: Sand

SEDIMENT NAME: Well Sorted Fine Sand

	μm	ϕ	GRAIN SIZE DISTRIBUTION			
MODE 1:	137.0	2.873	GRAVEL: 0.0%	COARSE SAND: 0.1%		
MODE 2:			SAND: 99.8%	MEDIUM SAND: 2.6%		
MODE 3:			MUD: 0.2%	FINE SAND: 68.1%		
D_{10} :	105.5	2.300		V FINE SAND: 28.8%		
MEDIAN or D_{50} :	145.9	2.777	V COARSE GRAVEL: 0.0%	V COARSE SILT: 0.2%		
D_{90} :	203.1	3.244	COARSE GRAVEL: 0.0%	COARSE SILT: 0.0%		
(D_{90} / D_{10}) :	1.924	1.410	MEDIUM GRAVEL: 0.0%	MEDIUM SILT: 0.0%		
$(D_{90} - D_{10})$:	97.51	0.944	FINE GRAVEL: 0.0%	FINE SILT: 0.0%		
(D_{75} / D_{25}) :	1.458	1.217	V FINE GRAVEL: 0.0%	V FINE SILT: 0.0%		
$(D_{75} - D_{25})$:	55.26	0.544	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}):	152.4	145.7	2.779	146.0	2.776	Fine Sand
SORTING (σ):	46.70	1.327	0.408	1.314	0.394	Well Sorted
SKEWNESS (Sk):	2.229	0.110	-0.110	-0.018	0.018	Symmetrical
KURTOSIS (K):	17.21	4.432	4.432	0.984	0.984	Mesokurtic

GRAIN SIZE DISTRIBUTION