

SIEVING ERROR: 1.1%

SAMPLE STATISTICSSAMPLE IDENTITY: **AL-91-13_125**

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: 0.4%		
MODE 2:			SAND: 99.7%	MEDIUM SAND: 3.1%		
MODE 3:			MUD: 0.3%	FINE SAND: 66.2%		
D_{10} :	101.5	2.289		V FINE SAND: 30.1%		
MEDIAN or D_{50} :	145.1	2.785	V COARSE GRAVEL: 0.0%	V COARSE SILT: 0.3%		
D_{90} :	204.6	3.300	COARSE GRAVEL: 0.0%	COARSE SILT: 0.0%		
(D_{90} / D_{10}) :	2.016	1.442	MEDIUM GRAVEL: 0.0%	MEDIUM SILT: 0.0%		
$(D_{90} - D_{10})$:	103.1	1.011	FINE GRAVEL: 0.0%	FINE SILT: 0.0%		
(D_{75} / D_{25}) :	1.490	1.230	V FINE GRAVEL: 0.0%	V FINE SILT: 0.0%		
$(D_{75} - D_{25})$:	58.29	0.575	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}):	153.2	145.4	2.781	145.4	2.782	Fine Sand
SORTING (σ):	53.39	1.355	0.438	1.334	0.416	Well Sorted
SKEWNESS (Sk):	2.926	0.331	-0.331	-0.006	0.006	Symmetrical
KURTOSIS (K):	21.81	4.762	4.762	0.995	0.995	Mesokurtic

GRAIN SIZE DISTRIBUTION