

SIEVING ERROR: 0.2%

SAMPLE STATISTICSSAMPLE IDENTITY: **AL-91-13_100**

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: 0.2%		
MODE 2:			SAND: 99.8%	MEDIUM SAND: 2.3%		
MODE 3:			MUD: 0.2%	FINE SAND: 67.9%		
D ₁₀ :	105.5	2.308		V FINE SAND: 29.5%		
MEDIAN or D ₅₀ :	145.1	2.785	V COARSE GRAVEL: 0.0%	V COARSE SILT: 0.2%		
D ₉₀ :	201.9	3.245	COARSE GRAVEL: 0.0%	COARSE SILT: 0.0%		
(D ₉₀ / D ₁₀):	1.913	1.406	MEDIUM GRAVEL: 0.0%	MEDIUM SILT: 0.0%		
(D ₉₀ - D ₁₀):	96.38	0.936	FINE GRAVEL: 0.0%	FINE SILT: 0.0%		
(D ₇₅ / D ₂₅):	1.461	1.218	V FINE GRAVEL: 0.0%	V FINE SILT: 0.0%		
(D ₇₅ - D ₂₅):	55.35	0.547	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}):	151.7	145.2	2.784	145.4	2.782	Fine Sand
SORTING (σ):	46.63	1.322	0.402	1.307	0.386	Well Sorted
SKEWNESS (Sk):	2.525	0.211	-0.211	-0.022	0.022	Symmetrical
KURTOSIS (K):	20.50	4.485	4.485	0.946	0.946	Mesokurtic

GRAIN SIZE DISTRIBUTION