

SIEVING ERROR: 0.4%

SAMPLE STATISTICSSAMPLE IDENTITY: **AL-91-13_200**

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:	193.5	2.375	GRAVEL: 0.0%	COARSE SAND: 0.6%		
MODE 2:			SAND: 99.4%	MEDIUM SAND: 8.3%		
MODE 3:			MUD: 0.6%	FINE SAND: 73.9%		
D ₁₀ :	112.4	2.027		V FINE SAND: 16.7%		
MEDIAN or D ₅₀ :	167.0	2.582	V COARSE GRAVEL: 0.0%	V COARSE SILT: 0.6%		
D ₉₀ :	245.3	3.154	COARSE GRAVEL: 0.0%	COARSE SILT: 0.0%		
(D ₉₀ / D ₁₀):	2.183	1.556	MEDIUM GRAVEL: 0.0%	MEDIUM SILT: 0.0%		
(D ₉₀ - D ₁₀):	132.9	1.126	FINE GRAVEL: 0.0%	FINE SILT: 0.0%		
(D ₇₅ / D ₂₅):	1.496	1.251	V FINE GRAVEL: 0.0%	V FINE SILT: 0.0%		
(D ₇₅ - D ₂₅):	66.71	0.581	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}):	175.6	165.8	2.593	165.6	2.595	Fine Sand
SORTING (σ):	62.53	1.383	0.468	1.347	0.430	Well Sorted
SKEWNESS (Sk):	2.415	-0.009	0.009	-0.012	0.012	Symmetrical
KURTOSIS (K):	16.41	5.068	5.068	1.012	1.012	Mesokurtic

GRAIN SIZE DISTRIBUTION