

SIEVING ERROR: 0.5%

SAMPLE STATISTICSSAMPLE IDENTITY: **AL-91-16_175**

ANALYST & DATE: SA/RM, 8/20/91

SAMPLE TYPE: Bimodal, 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: 1.3%		
MODE 2:	273.5	1.876	SAND: 99.3%	MEDIUM SAND: 33.6%		
MODE 3:			MUD: 0.7%	FINE SAND: 59.9%		
D ₁₀ :	139.2	1.692		V FINE SAND: 4.5%		
MEDIAN or D ₅₀ :	209.0	2.258	V COARSE GRAVEL: 0.0%	V COARSE SILT: 0.7%		
D ₉₀ :	309.6	2.845	COARSE GRAVEL: 0.0%	COARSE SILT: 0.0%		
(D ₉₀ / D ₁₀):	2.225	1.682	MEDIUM GRAVEL: 0.0%	MEDIUM SILT: 0.0%		
(D ₉₀ - D ₁₀):	170.4	1.154	FINE GRAVEL: 0.0%	FINE SILT: 0.0%		
(D ₇₅ / D ₂₅):	1.537	1.327	V FINE GRAVEL: 0.0%	V FINE SILT: 0.0%		
(D ₇₅ - D ₂₅):	93.86	0.620	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}):	226.5	212.6	2.234	210.3	2.249	Fine Sand
SORTING (σ):	81.22	1.418	0.504	1.375	0.459	Well Sorted
SKEWNESS (Sk):	1.481	-0.318	0.318	0.031	-0.031	Symmetrical
KURTOSIS (K):	7.481	4.905	4.905	1.034	1.034	Mesokurtic

GRAIN SIZE DISTRIBUTION