

SIEVING ERROR: 0.3%

SAMPLE STATISTICSSAMPLE IDENTITY: **AL-91-12**

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

SAMPLE TYPE: Bimodal, Well Sorted

TEXTURAL GROUP: Sand

SEDIMENT NAME: Well Sorted Fine Sand

	μm	ϕ	GRAIN SIZE DISTRIBUTION			
MODE 1:	273.5	1.876	GRAVEL: 0.0%	COARSE SAND: 3.4%		
MODE 2:	193.5	2.375	SAND: 100.0%	MEDIUM SAND: 40.7%		
MODE 3:			MUD: 0.0%	FINE SAND: 53.7%		
D ₁₀ :	161.9	1.396		V FINE SAND: 1.3%		
MEDIAN or D ₅₀ :	236.4	2.081	V COARSE GRAVEL: 0.0%	V COARSE SILT: 0.0%		
D ₉₀ :	380.1	2.627	COARSE GRAVEL: 0.0%	COARSE SILT: 0.0%		
(D ₉₀ / D ₁₀):	2.348	1.883	MEDIUM GRAVEL: 0.0%	MEDIUM SILT: 0.0%		
(D ₉₀ - D ₁₀):	218.2	1.232	FINE GRAVEL: 0.0%	FINE SILT: 0.0%		
(D ₇₅ / D ₂₅):	1.509	1.329	V FINE GRAVEL: 0.0%	V FINE SILT: 0.0%		
(D ₇₅ - D ₂₅):	96.53	0.594	V COARSE SAND: 0.9%	CLAY: 0.0%		
	METHOD OF MOMENTS			FOLK & WARD METHOD		
	Arithmetic	Geometric	Logarithmic	Geometric	Logarithmic	Description
	μm	μm	ϕ	μm	ϕ	
MEAN (\bar{x}):	264.9	243.1	2.041	238.1	2.071	Fine Sand
SORTING (σ):	140.9	1.448	0.534	1.386	0.471	Well Sorted
SKEWNESS (Sk):	4.218	1.252	-1.252	0.123	-0.123	Coarse Skewed
KURTOSIS (K):	27.94	6.353	6.353	1.174	1.174	Leptokurtic

GRAIN SIZE DISTRIBUTION