

SIEVING ERROR: 0.4%

SAMPLE STATISTICSSAMPLE IDENTITY: **AL-91-16_250**

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: 1.1%		
MODE 2:	273.5	1.876	SAND: 99.4%	MEDIUM SAND: 32.2%		
MODE 3:			MUD: 0.6%	FINE SAND: 61.7%		
D_{10} :	140.5	1.718		V FINE SAND: 4.4%		
MEDIAN or D_{50} :	207.9	2.266	V COARSE GRAVEL: 0.0%	V COARSE SILT: 0.6%		
D_{90} :	303.9	2.831	COARSE GRAVEL: 0.0%	COARSE SILT: 0.0%		
(D_{90} / D_{10}) :	2.162	1.648	MEDIUM GRAVEL: 0.0%	MEDIUM SILT: 0.0%		
$(D_{90} - D_{10})$:	163.4	1.113	FINE GRAVEL: 0.0%	FINE SILT: 0.0%		
(D_{75} / D_{25}) :	1.505	1.309	V FINE GRAVEL: 0.0%	V FINE SILT: 0.0%		
$(D_{75} - D_{25})$:	89.35	0.590	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}):	224.6	211.4	2.242	210.1	2.251	Fine Sand
SORTING (σ):	77.83	1.408	0.494	1.361	0.445	Well Sorted
SKEWNESS (Sk):	1.430	-0.477	0.477	0.036	-0.036	Symmetrical
KURTOSIS (K):	7.502	5.710	5.710	1.045	1.045	Mesokurtic

GRAIN SIZE DISTRIBUTION