

SIEVING ERROR: 0.6%

SAMPLE STATISTICSSAMPLE IDENTITY: **AL-91-16_150**

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: 0.7%		
MODE 2:	273.5	1.876	SAND: 99.4%	MEDIUM SAND: 28.4%		
MODE 3:			MUD: 0.6%	FINE SAND: 65.3%		
D_{10} :	138.0	1.772		V FINE SAND: 5.0%		
MEDIAN or D_{50} :	203.6	2.296	V COARSE GRAVEL: 0.0%	V COARSE SILT: 0.6%		
D_{90} :	292.8	2.858	COARSE GRAVEL: 0.0%	COARSE SILT: 0.0%		
(D_{90} / D_{10}) :	2.122	1.612	MEDIUM GRAVEL: 0.0%	MEDIUM SILT: 0.0%		
$(D_{90} - D_{10})$:	154.8	1.085	FINE GRAVEL: 0.0%	FINE SILT: 0.0%		
(D_{75} / D_{25}) :	1.491	1.295	V FINE GRAVEL: 0.0%	V FINE SILT: 0.0%		
$(D_{75} - D_{25})$:	85.14	0.576	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}):	217.2	205.4	2.283	206.0	2.279	Fine Sand
SORTING (σ):	71.04	1.389	0.474	1.351	0.434	Well Sorted
SKEWNESS (Sk):	1.328	-0.578	0.578	0.018	-0.018	Symmetrical
KURTOSIS (K):	7.688	5.860	5.860	1.037	1.037	Mesokurtic

GRAIN SIZE DISTRIBUTION