

SIEVING ERROR: 0.3%

SAMPLE STATISTICSSAMPLE IDENTITY: **AL-91-15_175**

ANALYST & DATE: TB/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: 0.8%		
MODE 2:	273.5	1.876	SAND: 99.9%	MEDIUM SAND: 26.9%		
MODE 3:			MUD: 0.1%	FINE SAND: 69.9%		
D_{10} :	153.0	1.788		V FINE SAND: 2.3%		
MEDIAN or D_{50} :	203.0	2.301	V COARSE GRAVEL: 0.0%	V COARSE SILT: 0.1%		
D_{90} :	289.5	2.708	COARSE GRAVEL: 0.0%	COARSE SILT: 0.0%		
(D_{90} / D_{10}) :	1.892	1.514	MEDIUM GRAVEL: 0.0%	MEDIUM SILT: 0.0%		
$(D_{90} - D_{10})$:	136.5	0.920	FINE GRAVEL: 0.0%	FINE SILT: 0.0%		
(D_{75} / D_{25}) :	1.416	1.255	V FINE GRAVEL: 0.0%	V FINE SILT: 0.0%		
$(D_{75} - D_{25})$:	75.06	0.502	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}):	220.5	210.8	2.246	210.1	2.251	Fine Sand
SORTING (σ):	72.14	1.321	0.402	1.295	0.373	Well Sorted
SKEWNESS (Sk):	3.290	0.489	-0.489	0.141	-0.141	Coarse Skewed
KURTOSIS (K):	26.24	5.883	5.883	1.029	1.029	Mesokurtic

GRAIN SIZE DISTRIBUTION