

SIEVING ERROR: 0.6%

SAMPLE STATISTICSSAMPLE IDENTITY: **AL-91-16_75**

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: 0.4%		
MODE 2:	273.5	1.876	SAND: 99.3%	MEDIUM SAND: 24.9%		
MODE 3:			MUD: 0.7%	FINE SAND: 67.7%		
D_{10} :	132.1	1.796		V FINE SAND: 6.2%		
MEDIAN or D_{50} :	198.0	2.337	V COARSE GRAVEL: 0.0%	V COARSE SILT: 0.7%		
D_{90} :	288.0	2.920	COARSE GRAVEL: 0.0%	COARSE SILT: 0.0%		
(D_{90} / D_{10}) :	2.181	1.626	MEDIUM GRAVEL: 0.0%	MEDIUM SILT: 0.0%		
$(D_{90} - D_{10})$:	156.0	1.125	FINE GRAVEL: 0.0%	FINE SILT: 0.0%		
(D_{75} / D_{25}) :	1.535	1.310	V FINE GRAVEL: 0.0%	V FINE SILT: 0.0%		
$(D_{75} - D_{25})$:	87.47	0.619	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}):	209.1	197.5	2.340	199.6	2.325	Fine Sand
SORTING (σ):	68.44	1.398	0.483	1.361	0.444	Well Sorted
SKEWNESS (Sk):	1.187	-0.682	0.682	-0.010	0.010	Symmetrical
KURTOSIS (K):	7.151	5.949	5.949	0.972	0.972	Mesokurtic

GRAIN SIZE DISTRIBUTION