

SIEVING ERROR: 0.8%

SAMPLE STATISTICSSAMPLE IDENTITY: **AL-91-14_5**

ANALYST & DATE: SA/RM, 8/21/91

SAMPLE TYPE: Bimodal, Well Sorted

TEXTURAL GROUP: Sand

SEDIMENT NAME: Well Sorted Medium Sand

	μm	ϕ	GRAIN SIZE DISTRIBUTION			
MODE 1:	273.5	1.876	GRAVEL: 0.0%	COARSE SAND: 1.4%		
MODE 2:	193.5	2.375	SAND: 99.4%	MEDIUM SAND: 47.8%		
MODE 3:			MUD: 0.6%	FINE SAND: 46.8%		
D_{10} :	149.8	1.514		V FINE SAND: 3.4%		
MEDIAN or D_{50} :	247.4	2.015	V COARSE GRAVEL: 0.0%	V COARSE SILT: 0.6%		
D_{90} :	350.1	2.739	COARSE GRAVEL: 0.0%	COARSE SILT: 0.0%		
(D_{90} / D_{10}) :	2.337	1.809	MEDIUM GRAVEL: 0.0%	MEDIUM SILT: 0.0%		
$(D_{90} - D_{10})$:	200.2	1.224	FINE GRAVEL: 0.0%	FINE SILT: 0.0%		
(D_{75} / D_{25}) :	1.576	1.371	V FINE GRAVEL: 0.0%	V FINE SILT: 0.0%		
$(D_{75} - D_{25})$:	107.3	0.656	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}):	251.2	234.4	2.093	237.6	2.073	Fine Sand
SORTING (σ):	95.02	1.444	0.530	1.406	0.491	Well Sorted
SKEWNESS (Sk):	1.910	-0.385	0.385	-0.159	0.159	Fine Skewed
KURTOSIS (K):	12.48	4.899	4.899	1.033	1.033	Mesokurtic

GRAIN SIZE DISTRIBUTION