

SIEVING ERROR: 0.7%

SAMPLE STATISTICSSAMPLE IDENTITY: **AL-91-14_225**

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

SAMPLE TYPE: Trimodal, Moderately Well Sorted

TEXTURAL GROUP: Sand

SEDIMENT NAME: Moderately Well Sorted Fine Sand

	μm	ϕ	GRAIN SIZE DISTRIBUTION			
MODE 1:	273.5	1.876	GRAVEL: 0.0%	COARSE SAND: 7.5%		
MODE 2:	193.5	2.375	SAND: 99.4%	MEDIUM SAND: 37.4%		
MODE 3:	920.5	0.125	MUD: 0.6%	FINE SAND: 51.2%		
D_{10} :	146.9	1.214		V FINE SAND: 3.2%		
MEDIAN or D_{50} :	231.2	2.113	V COARSE GRAVEL: 0.0%	V COARSE SILT: 0.6%		
D_{90} :	431.1	2.767	COARSE GRAVEL: 0.0%	COARSE SILT: 0.0%		
(D_{90} / D_{10}) :	2.935	2.280	MEDIUM GRAVEL: 0.0%	MEDIUM SILT: 0.0%		
$(D_{90} - D_{10})$:	284.2	1.553	FINE GRAVEL: 0.0%	FINE SILT: 0.0%		
(D_{75} / D_{25}) :	1.641	1.405	V FINE GRAVEL: 0.0%	V FINE SILT: 0.0%		
$(D_{75} - D_{25})$:	115.1	0.714	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}):	277.3	242.1	2.046	234.5	2.092	Fine Sand
SORTING (σ):	173.8	1.619	0.695	1.580	0.660	Moderately Well Sorted
SKEWNESS (Sk):	2.485	0.693	-0.693	0.192	-0.192	Coarse Skewed
KURTOSIS (K):	9.344	4.600	4.600	1.443	1.443	Leptokurtic

GRAIN SIZE DISTRIBUTION