

SIEVING ERROR: 0.6%

SAMPLE STATISTICSSAMPLE IDENTITY: **AL-91-13_275**

ANALYST & DATE: TB/RM, 8/17/91

SAMPLE TYPE: Bimodal, Moderately Well Sorted

TEXTURAL GROUP: Sand

SEDIMENT NAME: Moderately Well Sorted Fine Sand

	μm	ϕ	GRAIN SIZE DISTRIBUTION			
MODE 1:	193.5	2.375	GRAVEL: 0.0%	COARSE SAND: 2.3%		
MODE 2:	273.5	1.876	SAND: 99.7%	MEDIUM SAND: 19.3%		
MODE 3:			MUD: 0.3%	FINE SAND: 66.9%		
D_{10} :	121.2	1.756		V FINE SAND: 11.1%		
MEDIAN or D_{50} :	185.9	2.427	V COARSE GRAVEL: 0.0%	V COARSE SILT: 0.3%		
D_{90} :	296.2	3.044	COARSE GRAVEL: 0.0%	COARSE SILT: 0.0%		
(D_{90} / D_{10}) :	2.444	1.734	MEDIUM GRAVEL: 0.0%	MEDIUM SILT: 0.0%		
$(D_{90} - D_{10})$:	175.0	1.289	FINE GRAVEL: 0.0%	FINE SILT: 0.0%		
(D_{75} / D_{25}) :	1.603	1.328	V FINE GRAVEL: 0.0%	V FINE SILT: 0.0%		
$(D_{75} - D_{25})$:	89.40	0.680	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}):	207.0	190.5	2.392	188.3	2.409	Fine Sand
SORTING (σ):	93.53	1.469	0.555	1.454	0.540	Moderately Well Sorted
SKEWNESS (Sk):	2.180	0.470	-0.470	0.112	-0.112	Coarse Skewed
KURTOSIS (K):	9.671	4.174	4.174	1.118	1.118	Leptokurtic

GRAIN SIZE DISTRIBUTION