

SIEVING ERROR: 1.6%

SAMPLE STATISTICSSAMPLE IDENTITY: **AL-91-3_395**

ANALYST & DATE: DM/RM, 8/16/91

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: 0.2%		
MODE 2:	193.5	2.375	SAND: 95.7%	MEDIUM SAND: 32.5%		
MODE 3:	58.00	4.113	MUD: 4.3%	FINE SAND: 50.4%		
D_{10} :	106.2	1.593		V FINE SAND: 12.6%		
MEDIAN or D_{50} :	197.3	2.341	V COARSE GRAVEL: 0.0%	V COARSE SILT: 4.3%		
D_{90} :	331.4	3.235	COARSE GRAVEL: 0.0%	COARSE SILT: 0.0%		
(D_{90} / D_{10}) :	3.119	2.030	MEDIUM GRAVEL: 0.0%	MEDIUM SILT: 0.0%		
$(D_{90} - D_{10})$:	225.1	1.641	FINE GRAVEL: 0.0%	FINE SILT: 0.0%		
(D_{75} / D_{25}) :	1.862	1.474	V FINE GRAVEL: 0.0%	V FINE SILT: 0.0%		
$(D_{75} - D_{25})$:	124.7	0.897	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}):	211.2	190.2	2.395	192.2	2.379	Fine Sand
SORTING (σ):	90.71	1.602	0.680	1.617	0.694	Moderately Well Sorted
SKEWNESS (Sk):	0.610	-0.603	0.603	-0.162	0.162	Fine Skewed
KURTOSIS (K):	3.255	3.214	3.214	1.139	1.139	Leptokurtic

GRAIN SIZE DISTRIBUTION