

SIEVING ERROR: 1.0%

SAMPLE STATISTICSSAMPLE IDENTITY: **AL-91-16_353**

ANALYST & DATE: TB/RM, 8/20/91

SAMPLE TYPE: Trimodal, 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: 1.5%		
MODE 2:	273.5	1.876	SAND: 96.6%	MEDIUM SAND: 14.6%		
MODE 3:	58.00	4.113	MUD: 3.4%	FINE SAND: 60.4%		
D_{10} :	94.57	1.837		V FINE SAND: 19.0%		
MEDIAN or D_{50} :	172.6	2.535	V COARSE GRAVEL: 0.0%	V COARSE SILT: 3.4%		
D_{90} :	280.0	3.403	COARSE GRAVEL: 0.0%	COARSE SILT: 0.0%		
(D_{90} / D_{10}) :	2.961	1.853	MEDIUM GRAVEL: 0.0%	MEDIUM SILT: 0.0%		
$(D_{90} - D_{10})$:	185.4	1.566	FINE GRAVEL: 0.0%	FINE SILT: 0.0%		
(D_{75} / D_{25}) :	1.690	1.345	V FINE GRAVEL: 0.0%	V FINE SILT: 0.0%		
$(D_{75} - D_{25})$:	89.19	0.757	V COARSE SAND: 1.1%	CLAY: 0.0%		
	METHOD OF MOMENTS			FOLK & WARD METHOD		
	Arithmetic	Geometric	Logarithmic	Geometric	Logarithmic	Description
	μm	μm	ϕ	μm	ϕ	
MEAN (\bar{x}):	196.6	170.0	2.557	170.2	2.555	Fine Sand
SORTING (σ):	146.4	1.634	0.709	1.548	0.631	Moderately Well Sorted
SKEWNESS (Sk):	4.786	0.645	-0.645	-0.110	0.110	Fine Skewed
KURTOSIS (K):	31.79	5.804	5.804	1.196	1.196	Leptokurtic

GRAIN SIZE DISTRIBUTION