

SIEVING ERROR: 2.4%

SAMPLE STATISTICSSAMPLE IDENTITY: **AL-91-1_200**

ANALYST & DATE: DM/RM, 11/5/91

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: 0.1%		
MODE 2:	273.5	1.876	SAND: 96.0%	MEDIUM SAND: 22.9%		
MODE 3:	58.00	4.113	MUD: 4.0%	FINE SAND: 58.9%		
D_{10} :	105.4	1.768		V FINE SAND: 14.1%		
MEDIAN or D_{50} :	186.1	2.426	V COARSE GRAVEL: 0.0%	V COARSE SILT: 4.0%		
D_{90} :	293.7	3.246	COARSE GRAVEL: 0.0%	COARSE SILT: 0.0%		
(D_{90} / D_{10}) :	2.787	1.837	MEDIUM GRAVEL: 0.0%	MEDIUM SILT: 0.0%		
$(D_{90} - D_{10})$:	188.3	1.479	FINE GRAVEL: 0.0%	FINE SILT: 0.0%		
(D_{75} / D_{25}) :	1.750	1.396	V FINE GRAVEL: 0.0%	V FINE SILT: 0.0%		
$(D_{75} - D_{25})$:	104.2	0.807	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}):	197.9	179.4	2.478	182.4	2.455	Fine Sand
SORTING (σ):	85.22	1.564	0.646	1.580	0.660	Moderately Well Sorted
SKEWNESS (Sk):	0.984	-0.452	0.452	-0.124	0.124	Fine Skewed
KURTOSIS (K):	4.409	3.402	3.402	1.215	1.215	Leptokurtic

GRAIN SIZE DISTRIBUTION