

SIEVING ERROR: 0.6%

SAMPLE STATISTICSSAMPLE IDENTITY: **AL-91-3_405**

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: 0.0%		
MODE 2:	193.5	2.375	SAND: 96.4%	MEDIUM SAND: 31.5%		
MODE 3:	58.00	4.113	MUD: 3.6%	FINE SAND: 51.6%		
D_{10} :	107.6	1.639		V FINE SAND: 13.3%		
MEDIAN or D_{50} :	194.4	2.363	V COARSE GRAVEL: 0.0%	V COARSE SILT: 3.6%		
D_{90} :	321.1	3.216	COARSE GRAVEL: 0.0%	COARSE SILT: 0.0%		
(D_{90} / D_{10}) :	2.983	1.962	MEDIUM GRAVEL: 0.0%	MEDIUM SILT: 0.0%		
$(D_{90} - D_{10})$:	213.5	1.577	FINE GRAVEL: 0.0%	FINE SILT: 0.0%		
(D_{75} / D_{25}) :	1.852	1.466	V FINE GRAVEL: 0.0%	V FINE SILT: 0.0%		
$(D_{75} - D_{25})$:	122.5	0.889	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}):	206.7	188.0	2.411	190.6	2.391	Fine Sand
SORTING (σ):	83.48	1.565	0.646	1.566	0.647	Moderately Well Sorted
SKEWNESS (Sk):	0.414	-0.633	0.633	-0.137	0.137	Fine Skewed
KURTOSIS (K):	2.697	3.198	3.198	1.021	1.021	Mesokurtic

GRAIN SIZE DISTRIBUTION