

SIEVING ERROR: 0.4%

SAMPLE STATISTICSSAMPLE IDENTITY: **AL-91-9_5**

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

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: 4.0%		
MODE 2:	273.5	1.876	SAND: 99.4%	MEDIUM SAND: 26.2%		
MODE 3:	115.0	3.126	MUD: 0.6%	FINE SAND: 50.1%		
D_{10} :	106.5	1.543		V FINE SAND: 19.1%		
MEDIAN or D_{50} :	194.2	2.364	V COARSE GRAVEL: 0.0%	V COARSE SILT: 0.6%		
D_{90} :	343.3	3.230	COARSE GRAVEL: 0.0%	COARSE SILT: 0.0%		
(D_{90} / D_{10}) :	3.222	2.094	MEDIUM GRAVEL: 0.0%	MEDIUM SILT: 0.0%		
$(D_{90} - D_{10})$:	236.7	1.688	FINE GRAVEL: 0.0%	FINE SILT: 0.0%		
(D_{75} / D_{25}) :	1.924	1.492	V FINE GRAVEL: 0.0%	V FINE SILT: 0.0%		
$(D_{75} - D_{25})$:	127.0	0.944	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}):	219.0	193.5	2.370	188.1	2.411	Fine Sand
SORTING (σ):	118.1	1.623	0.698	1.612	0.689	Moderately Well Sorted
SKEWNESS (Sk):	1.898	0.144	-0.144	-0.024	0.024	Symmetrical
KURTOSIS (K):	7.931	3.297	3.297	1.036	1.036	Mesokurtic

GRAIN SIZE DISTRIBUTION