

SIEVING ERROR: 1.3%

SAMPLE STATISTICSSAMPLE IDENTITY: **AL-91-3_350**

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:	193.5	2.375	GRAVEL: 0.0%	COARSE SAND: 0.0%		
MODE 2:	273.5	1.876	SAND: 95.4%	MEDIUM SAND: 17.4%		
MODE 3:	58.00	4.113	MUD: 4.6%	FINE SAND: 61.2%		
D_{10} :	103.5	1.841		V FINE SAND: 16.8%		
MEDIAN or D_{50} :	168.9	2.566	V COARSE GRAVEL: 0.0%	V COARSE SILT: 4.6%		
D_{90} :	279.0	3.272	COARSE GRAVEL: 0.0%	COARSE SILT: 0.0%		
(D_{90} / D_{10}) :	2.695	1.777	MEDIUM GRAVEL: 0.0%	MEDIUM SILT: 0.0%		
$(D_{90} - D_{10})$:	175.5	1.430	FINE GRAVEL: 0.0%	FINE SILT: 0.0%		
(D_{75} / D_{25}) :	1.655	1.328	V FINE GRAVEL: 0.0%	V FINE SILT: 0.0%		
$(D_{75} - D_{25})$:	85.21	0.727	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}):	179.7	165.0	2.599	170.5	2.552	Fine Sand
SORTING (σ):	70.92	1.518	0.602	1.547	0.629	Moderately Well Sorted
SKEWNESS (Sk):	0.724	-0.501	0.501	-0.097	0.097	Symmetrical
KURTOSIS (K):	3.614	3.361	3.361	1.271	1.271	Leptokurtic

GRAIN SIZE DISTRIBUTION