

SIEVING ERROR: 0.6%

SAMPLE STATISTICSSAMPLE IDENTITY: **AL-91-9_300**

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

SAMPLE TYPE: Trimodal, Moderately Sorted

TEXTURAL GROUP: Sand

SEDIMENT NAME: Moderately Sorted Fine Sand

	μm	ϕ	GRAIN SIZE DISTRIBUTION			
MODE 1:	193.5	2.375	GRAVEL: 0.0%	COARSE SAND: 15.0%		
MODE 2:	273.5	1.876	SAND: 99.3%	MEDIUM SAND: 31.5%		
MODE 3:	547.5	0.875	MUD: 0.7%	FINE SAND: 43.9%		
D_{10} :	126.1	0.865		V FINE SAND: 8.9%		
MEDIAN or D_{50} :	233.9	2.096	V COARSE GRAVEL: 0.0%	V COARSE SILT: 0.7%		
D_{90} :	549.1	2.987	COARSE GRAVEL: 0.0%	COARSE SILT: 0.0%		
(D_{90} / D_{10}) :	4.354	3.454	MEDIUM GRAVEL: 0.0%	MEDIUM SILT: 0.0%		
$(D_{90} - D_{10})$:	423.0	2.122	FINE GRAVEL: 0.0%	FINE SILT: 0.0%		
(D_{75} / D_{25}) :	2.317	1.898	V FINE GRAVEL: 0.0%	V FINE SILT: 0.0%		
$(D_{75} - D_{25})$:	222.9	1.212	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}):	289.8	246.9	2.018	255.5	1.969	Medium Sand
SORTING (σ):	165.1	1.761	0.816	1.779	0.831	Moderately Sorted
SKEWNESS (Sk):	0.986	-0.050	0.050	0.144	-0.144	Coarse Skewed
KURTOSIS (K):	3.119	2.623	2.623	0.880	0.880	Platykurtic

GRAIN SIZE DISTRIBUTION