

SIEVING ERROR: 0.5%

SAMPLE STATISTICSSAMPLE IDENTITY: **AL-91-2_375**

ANALYST & DATE: TB/RM, 8/16/91

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: 10.9%		
MODE 2:	273.5	1.876	SAND: 99.4%	MEDIUM SAND: 30.7%		
MODE 3:	460.0	1.126	MUD: 0.6%	FINE SAND: 44.4%		
D_{10} :	116.8	0.918		V FINE SAND: 12.5%		
MEDIAN or D_{50} :	214.5	2.221	V COARSE GRAVEL: 0.0%	V COARSE SILT: 0.6%		
D_{90} :	529.1	3.097	COARSE GRAVEL: 0.0%	COARSE SILT: 0.0%		
(D_{90} / D_{10}) :	4.528	3.373	MEDIUM GRAVEL: 0.0%	MEDIUM SILT: 0.0%		
$(D_{90} - D_{10})$:	412.3	2.179	FINE GRAVEL: 0.0%	FINE SILT: 0.0%		
(D_{75} / D_{25}) :	2.136	1.680	V FINE GRAVEL: 0.0%	V FINE SILT: 0.0%		
$(D_{75} - D_{25})$:	174.2	1.095	V COARSE SAND: 0.9%	CLAY: 0.0%		
	METHOD OF MOMENTS			FOLK & WARD METHOD		
	Arithmetic	Geometric	Logarithmic	Geometric	Logarithmic	Description
	μm	μm	ϕ	μm	ϕ	
MEAN (\bar{x}):	277.6	231.9	2.108	231.7	2.109	Fine Sand
SORTING (σ):	185.8	1.776	0.829	1.787	0.837	Moderately Sorted
SKEWNESS (Sk):	1.895	0.393	-0.393	0.201	-0.201	Coarse Skewed
KURTOSIS (K):	7.112	2.830	2.830	0.992	0.992	Mesokurtic

GRAIN SIZE DISTRIBUTION