

SIEVING ERROR: 0.8%

SAMPLE STATISTICSSAMPLE IDENTITY: **AL-91-2_75**

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

SAMPLE TYPE: Bimodal, 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: 7.0%		
MODE 2:	273.5	1.876	SAND: 99.7%	MEDIUM SAND: 31.6%		
MODE 3:			MUD: 0.3%	FINE SAND: 56.5%		
D_{10} :	140.3	1.224		V FINE SAND: 4.4%		
MEDIAN or D_{50} :	209.1	2.258	V COARSE GRAVEL: 0.0%	V COARSE SILT: 0.3%		
D_{90} :	428.0	2.834	COARSE GRAVEL: 0.0%	COARSE SILT: 0.0%		
(D_{90} / D_{10}) :	3.051	2.314	MEDIUM GRAVEL: 0.0%	MEDIUM SILT: 0.0%		
$(D_{90} - D_{10})$:	287.7	1.609	FINE GRAVEL: 0.0%	FINE SILT: 0.0%		
(D_{75} / D_{25}) :	1.647	1.395	V FINE GRAVEL: 0.0%	V FINE SILT: 0.0%		
$(D_{75} - D_{25})$:	111.1	0.719	V COARSE SAND: 0.3%	CLAY: 0.0%		
	METHOD OF MOMENTS			FOLK & WARD METHOD		
	Arithmetic	Geometric	Logarithmic	Geometric	Logarithmic	Description
	μm	μm	ϕ	μm	ϕ	
MEAN (\bar{x}):	258.1	229.2	2.125	220.0	2.185	Fine Sand
SORTING (σ):	149.2	1.568	0.649	1.520	0.604	Moderately Well Sorted
SKEWNESS (Sk):	2.516	0.788	-0.788	0.266	-0.266	Coarse Skewed
KURTOSIS (K):	10.68	4.190	4.190	1.248	1.248	Leptokurtic

GRAIN SIZE DISTRIBUTION