

SIEVING ERROR: 0.8%

SAMPLE STATISTICSSAMPLE IDENTITY: **AL-91-9_125**

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

SAMPLE TYPE: Bimodal, Moderately Well Sorted

TEXTURAL GROUP: Sand

SEDIMENT NAME: Moderately Well Sorted Fine Sand

	μm	ϕ	GRAIN SIZE DISTRIBUTION			
MODE 1:	273.5	1.876	GRAVEL: 0.0%	COARSE SAND: 6.0%		
MODE 2:	193.5	2.375	SAND: 99.8%	MEDIUM SAND: 39.7%		
MODE 3:			MUD: 0.2%	FINE SAND: 45.1%		
D_{10} :	128.3	1.204		V FINE SAND: 8.8%		
MEDIAN or D_{50} :	235.5	2.086	V COARSE GRAVEL: 0.0%	V COARSE SILT: 0.2%		
D_{90} :	433.9	2.962	COARSE GRAVEL: 0.0%	COARSE SILT: 0.0%		
(D_{90} / D_{10}) :	3.382	2.459	MEDIUM GRAVEL: 0.0%	MEDIUM SILT: 0.0%		
$(D_{90} - D_{10})$:	305.6	1.758	FINE GRAVEL: 0.0%	FINE SILT: 0.0%		
(D_{75} / D_{25}) :	1.681	1.424	V FINE GRAVEL: 0.0%	V FINE SILT: 0.0%		
$(D_{75} - D_{25})$:	119.2	0.749	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}):	262.2	233.4	2.099	231.2	2.113	Fine Sand
SORTING (σ):	139.6	1.591	0.670	1.571	0.652	Moderately Well Sorted
SKEWNESS (Sk):	2.152	0.241	-0.241	-0.011	0.011	Symmetrical
KURTOSIS (K):	9.956	3.522	3.522	1.241	1.241	Leptokurtic

GRAIN SIZE DISTRIBUTION