

SIEVING ERROR: 0.7%

SAMPLE STATISTICSSAMPLE IDENTITY: **AL-91-3_195**

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

SAMPLE TYPE: Bimodal, Well Sorted

TEXTURAL GROUP: Sand

SEDIMENT NAME: Well Sorted Fine Sand

	μm	ϕ	GRAIN SIZE DISTRIBUTION			
MODE 1:	273.5	1.876	GRAVEL: 0.0%	COARSE SAND: 0.0%		
MODE 2:	193.5	2.375	SAND: 99.9%	MEDIUM SAND: 42.5%		
MODE 3:			MUD: 0.1%	FINE SAND: 55.7%		
D_{10} :	155.8	1.556		V FINE SAND: 1.7%		
MEDIAN or D_{50} :	228.0	2.133	V COARSE GRAVEL: 0.0%	V COARSE SILT: 0.1%		
D_{90} :	340.0	2.683	COARSE GRAVEL: 0.0%	COARSE SILT: 0.0%		
(D_{90} / D_{10}) :	2.183	1.724	MEDIUM GRAVEL: 0.0%	MEDIUM SILT: 0.0%		
$(D_{90} - D_{10})$:	184.3	1.126	FINE GRAVEL: 0.0%	FINE SILT: 0.0%		
(D_{75} / D_{25}) :	1.540	1.341	V FINE GRAVEL: 0.0%	V FINE SILT: 0.0%		
$(D_{75} - D_{25})$:	99.04	0.622	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}):	239.2	227.9	2.134	227.4	2.137	Fine Sand
SORTING (σ):	71.58	1.350	0.433	1.351	0.434	Well Sorted
SKEWNESS (Sk):	0.629	-0.145	0.145	0.007	-0.007	Symmetrical
KURTOSIS (K):	3.077	3.046	3.046	0.941	0.941	Mesokurtic

GRAIN SIZE DISTRIBUTION