

SIEVING ERROR: 1.1%

SAMPLE STATISTICSSAMPLE IDENTITY: **AL-93-2_5**

ANALYST & DATE: TB/RM, 7/29/93

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: 0.4%		
MODE 2:	193.5	2.375	SAND: 99.2%	MEDIUM SAND: 30.9%		
MODE 3:			MUD: 0.8%	FINE SAND: 62.1%		
D_{10} :	134.9	1.785		V FINE SAND: 5.7%		
MEDIAN or D_{50} :	208.4	2.262	V COARSE GRAVEL: 0.0%	V COARSE SILT: 0.8%		
D_{90} :	290.3	2.890	COARSE GRAVEL: 0.0%	COARSE SILT: 0.0%		
(D_{90} / D_{10}) :	2.151	1.619	MEDIUM GRAVEL: 0.0%	MEDIUM SILT: 0.0%		
$(D_{90} - D_{10})$:	155.3	1.105	FINE GRAVEL: 0.0%	FINE SILT: 0.0%		
(D_{75} / D_{25}) :	1.528	1.316	V FINE GRAVEL: 0.0%	V FINE SILT: 0.0%		
$(D_{75} - D_{25})$:	90.39	0.612	V COARSE SAND: 0.1%	CLAY: 0.0%		
	METHOD OF MOMENTS			FOLK & WARD METHOD		
	Arithmetic	Geometric	Logarithmic	Geometric	Logarithmic	Description
	μm	μm	ϕ	μm	ϕ	
MEAN (\bar{x}):	217.7	205.6	2.282	206.5	2.276	Fine Sand
SORTING (σ):	75.47	1.393	0.479	1.354	0.437	Well Sorted
SKEWNESS (Sk):	2.971	-0.465	0.465	-0.100	0.100	Fine Skewed
KURTOSIS (K):	30.86	5.375	5.375	0.964	0.964	Mesokurtic

GRAIN SIZE DISTRIBUTION