

SIEVING ERROR: 1.6%

SAMPLE STATISTICSSAMPLE IDENTITY: **AL-93-2_150**

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

SAMPLE TYPE: Trimodal, Moderately Sorted

TEXTURAL GROUP: Sand

SEDIMENT NAME: Moderately Sorted Fine Sand

	μm	ϕ	GRAIN SIZE DISTRIBUTION			
MODE 1:	273.5	1.876	GRAVEL: 0.0%	COARSE SAND: 3.0%		
MODE 2:	193.5	2.375	SAND: 94.7%	MEDIUM SAND: 37.5%		
MODE 3:	58.00	4.113	MUD: 5.3%	FINE SAND: 44.9%		
D_{10} :	106.5	1.448		V FINE SAND: 9.2%		
MEDIAN or D_{50} :	218.9	2.192	V COARSE GRAVEL: 0.0%	V COARSE SILT: 5.3%		
D_{90} :	366.6	3.231	COARSE GRAVEL: 0.0%	COARSE SILT: 0.0%		
(D_{90} / D_{10}) :	3.441	2.232	MEDIUM GRAVEL: 0.0%	MEDIUM SILT: 0.0%		
$(D_{90} - D_{10})$:	260.1	1.783	FINE GRAVEL: 0.0%	FINE SILT: 0.0%		
(D_{75} / D_{25}) :	1.784	1.460	V FINE GRAVEL: 0.0%	V FINE SILT: 0.0%		
$(D_{75} - D_{25})$:	124.9	0.835	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}):	234.9	206.6	2.275	208.7	2.261	Fine Sand
SORTING (σ):	118.6	1.682	0.751	1.693	0.759	Moderately Sorted
SKEWNESS (Sk):	1.705	-0.549	0.549	-0.214	0.214	Fine Skewed
KURTOSIS (K):	9.717	3.609	3.609	1.409	1.409	Leptokurtic

GRAIN SIZE DISTRIBUTION