

SIEVING ERROR: 2.9%

SAMPLE STATISTICSSAMPLE IDENTITY: **AL-93-2_541**

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

SAMPLE TYPE: Trimodal, 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: 2.4%		
MODE 2:	273.5	1.876	SAND: 96.6%	MEDIUM SAND: 25.6%		
MODE 3:	58.00	4.113	MUD: 3.4%	FINE SAND: 57.3%		
D_{10} :	110.7	1.621		V FINE SAND: 11.2%		
MEDIAN or D_{50} :	192.9	2.374	V COARSE GRAVEL: 0.0%	V COARSE SILT: 3.4%		
D_{90} :	325.1	3.175	COARSE GRAVEL: 0.0%	COARSE SILT: 0.0%		
(D_{90} / D_{10}) :	2.935	1.958	MEDIUM GRAVEL: 0.0%	MEDIUM SILT: 0.0%		
$(D_{90} - D_{10})$:	214.3	1.553	FINE GRAVEL: 0.0%	FINE SILT: 0.0%		
(D_{75} / D_{25}) :	1.736	1.408	V FINE GRAVEL: 0.0%	V FINE SILT: 0.0%		
$(D_{75} - D_{25})$:	109.7	0.795	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}):	214.2	191.6	2.384	191.7	2.383	Fine Sand
SORTING (σ):	107.7	1.595	0.674	1.573	0.654	Moderately Well Sorted
SKEWNESS (Sk):	2.181	-0.174	0.174	-0.047	0.047	Symmetrical
KURTOSIS (K):	12.11	3.879	3.879	1.238	1.238	Leptokurtic

GRAIN SIZE DISTRIBUTION