

SIEVING ERROR: 0.4%

SAMPLE STATISTICSSAMPLE IDENTITY: **PER-93-1_100**

ANALYST & DATE: TB/RM, 7/31/1993

SAMPLE TYPE: Bimodal, Moderately Well Sorted

TEXTURAL GROUP: Sand

SEDIMENT NAME: Moderately Well Sorted Medium Sand

	μm	ϕ	GRAIN SIZE DISTRIBUTION			
MODE 1:	273.5	1.876	GRAVEL: 0.0%	COARSE SAND: 10.5%		
MODE 2:	193.5	2.375	SAND: 100.0%	MEDIUM SAND: 63.4%		
MODE 3:			MUD: 0.0%	FINE SAND: 23.8%		
D_{10} :	182.6	0.950		V FINE SAND: 1.5%		
MEDIAN or D_{50} :	299.3	1.740	V COARSE GRAVEL: 0.0%	V COARSE SILT: 0.0%		
D_{90} :	517.7	2.453	COARSE GRAVEL: 0.0%	COARSE SILT: 0.0%		
(D_{90} / D_{10}) :	2.835	2.583	MEDIUM GRAVEL: 0.0%	MEDIUM SILT: 0.0%		
$(D_{90} - D_{10})$:	335.1	1.503	FINE GRAVEL: 0.0%	FINE SILT: 0.0%		
(D_{75} / D_{25}) :	1.633	1.543	V FINE GRAVEL: 0.0%	V FINE SILT: 0.0%		
$(D_{75} - D_{25})$:	157.0	0.707	V COARSE SAND: 0.8%	CLAY: 0.0%		
	METHOD OF MOMENTS			FOLK & WARD METHOD		
	Arithmetic	Geometric	Logarithmic	Geometric	Logarithmic	Description
	μm	μm	ϕ	μm	ϕ	
MEAN (\bar{x}):	338.7	309.0	1.694	305.1	1.713	Medium Sand
SORTING (σ):	154.2	1.513	0.598	1.504	0.589	Moderately Well Sorted
SKEWNESS (Sk):	1.821	0.147	-0.147	0.046	-0.046	Symmetrical
KURTOSIS (K):	8.254	3.420	3.420	1.119	1.119	Leptokurtic

GRAIN SIZE DISTRIBUTION