

SIEVING ERROR: 0.7%

SAMPLE STATISTICSSAMPLE IDENTITY: **PER-93-1_150**

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

SAMPLE TYPE: Bimodal, Moderately Well Sorted

TEXTURAL GROUP: Sand

SEDIMENT NAME: Moderately Well Sorted Fine Sand

	μm	ϕ	GRAIN SIZE DISTRIBUTION			
MODE 1:	273.5	1.876	GRAVEL: 0.0%	COARSE SAND: 3.8%		
MODE 2:	193.5	2.375	SAND: 100.0%	MEDIUM SAND: 37.0%		
MODE 3:			MUD: 0.0%	FINE SAND: 53.4%		
D_{10} :	136.8	1.375		V FINE SAND: 5.8%		
MEDIAN or D_{50} :	220.8	2.179	V COARSE GRAVEL: 0.0%	V COARSE SILT: 0.0%		
D_{90} :	385.4	2.870	COARSE GRAVEL: 0.0%	COARSE SILT: 0.0%		
(D_{90} / D_{10}) :	2.817	2.086	MEDIUM GRAVEL: 0.0%	MEDIUM SILT: 0.0%		
$(D_{90} - D_{10})$:	248.6	1.494	FINE GRAVEL: 0.0%	FINE SILT: 0.0%		
(D_{75} / D_{25}) :	1.642	1.396	V FINE GRAVEL: 0.0%	V FINE SILT: 0.0%		
$(D_{75} - D_{25})$:	111.6	0.715	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}):	248.6	227.0	2.139	222.7	2.167	Fine Sand
SORTING (σ):	117.2	1.497	0.582	1.486	0.571	Moderately Well Sorted
SKEWNESS (Sk):	2.216	0.471	-0.471	0.077	-0.077	Symmetrical
KURTOSIS (K):	10.86	3.493	3.493	1.130	1.130	Leptokurtic

GRAIN SIZE DISTRIBUTION