

SIEVING ERROR: 0.4%

SAMPLE STATISTICSSAMPLE IDENTITY: **PEN-93-1_500**

ANALYST & DATE: TB/RM, 7/29/1993

SAMPLE TYPE: Bimodal, 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: 3.0%		
MODE 2:	273.5	1.876	SAND: 99.6%	MEDIUM SAND: 26.0%		
MODE 3:			MUD: 0.4%	FINE SAND: 58.4%		
D_{10} :	118.5	1.519		V FINE SAND: 12.1%		
MEDIAN or D_{50} :	187.9	2.412	V COARSE GRAVEL: 0.0%	V COARSE SILT: 0.4%		
D_{90} :	348.9	3.077	COARSE GRAVEL: 0.0%	COARSE SILT: 0.0%		
(D_{90} / D_{10}) :	2.944	2.026	MEDIUM GRAVEL: 0.0%	MEDIUM SILT: 0.0%		
$(D_{90} - D_{10})$:	230.4	1.558	FINE GRAVEL: 0.0%	FINE SILT: 0.0%		
(D_{75} / D_{25}) :	1.800	1.440	V FINE GRAVEL: 0.0%	V FINE SILT: 0.0%		
$(D_{75} - D_{25})$:	116.7	0.848	V COARSE SAND: 0.0%	CLAY: 0.0%		
	METHOD OF MOMENTS			FOLK & WARD METHOD		
	Arithmetic	Geometric	Logarithmic	Geometric	Logarithmic	Description
	μm	μm	ϕ	μm	ϕ	
MEAN (\bar{x}):	218.7	196.7	2.346	192.9	2.374	Fine Sand
SORTING (σ):	111.8	1.548	0.631	1.522	0.606	Moderately Well Sorted
SKEWNESS (Sk):	2.164	0.415	-0.415	0.154	-0.154	Coarse Skewed
KURTOSIS (K):	10.32	3.555	3.555	1.006	1.006	Mesokurtic

GRAIN SIZE DISTRIBUTION