

SIEVING ERROR: 0.4%

SAMPLE STATISTICSSAMPLE IDENTITY: **PEN-93-6_200**

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

SAMPLE TYPE: Bimodal, Moderately Well Sorted

TEXTURAL GROUP: Sand

SEDIMENT NAME: Moderately Well Sorted Very Fine Sand

	μm	ϕ	GRAIN SIZE DISTRIBUTION			
MODE 1:	115.0	3.126	GRAVEL: 0.0%	COARSE SAND: 0.1%		
MODE 2:	193.5	2.375	SAND: 99.7%	MEDIUM SAND: 5.6%		
MODE 3:			MUD: 0.3%	FINE SAND: 39.0%		
D_{10} :	76.50	2.241		V FINE SAND: 55.0%		
MEDIAN or D_{50} :	118.7	3.075	V COARSE GRAVEL: 0.0%	V COARSE SILT: 0.3%		
D_{90} :	211.5	3.708	COARSE GRAVEL: 0.0%	COARSE SILT: 0.0%		
(D_{90} / D_{10}) :	2.764	1.654	MEDIUM GRAVEL: 0.0%	MEDIUM SILT: 0.0%		
$(D_{90} - D_{10})$:	135.0	1.467	FINE GRAVEL: 0.0%	FINE SILT: 0.0%		
(D_{75} / D_{25}) :	1.837	1.342	V FINE GRAVEL: 0.0%	V FINE SILT: 0.0%		
$(D_{75} - D_{25})$:	76.96	0.878	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}):	137.2	125.5	2.994	123.7	3.015	Very Fine Sand
SORTING (σ):	62.69	1.492	0.577	1.507	0.591	Moderately Well Sorted
SKEWNESS (Sk):	1.864	0.522	-0.522	0.169	-0.169	Coarse Skewed
KURTOSIS (K):	9.007	2.850	2.850	0.878	0.878	Platykurtic

GRAIN SIZE DISTRIBUTION