

SIEVING ERROR: 0.5%

SAMPLE STATISTICSSAMPLE IDENTITY: **PEN-93-6_389**

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

SAMPLE TYPE: Bimodal, Well Sorted

TEXTURAL GROUP: Sand

SEDIMENT NAME: Well Sorted Very Fine Sand

	μm	ϕ	GRAIN SIZE DISTRIBUTION			
MODE 1:	68.50	3.872	GRAVEL: 0.0%	COARSE SAND: 0.0%		
MODE 2:	115.0	3.126	SAND: 98.1%	MEDIUM SAND: 0.6%		
MODE 3:			MUD: 1.9%	FINE SAND: 13.3%		
D_{10} :	66.49	2.881		V FINE SAND: 84.3%		
MEDIAN or D_{50} :	87.75	3.510	V COARSE GRAVEL: 0.0%	V COARSE SILT: 1.9%		
D_{90} :	135.7	3.911	COARSE GRAVEL: 0.0%	COARSE SILT: 0.0%		
(D_{90} / D_{10}) :	2.041	1.357	MEDIUM GRAVEL: 0.0%	MEDIUM SILT: 0.0%		
$(D_{90} - D_{10})$:	69.23	1.029	FINE GRAVEL: 0.0%	FINE SILT: 0.0%		
(D_{75} / D_{25}) :	1.529	1.194	V FINE GRAVEL: 0.0%	V FINE SILT: 0.0%		
$(D_{75} - D_{25})$:	38.86	0.612	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}):	97.34	92.65	3.432	90.61	3.464	Very Fine Sand
SORTING (σ):	34.29	1.332	0.414	1.316	0.397	Well Sorted
SKEWNESS (Sk):	3.287	0.995	-0.995	0.228	-0.228	Coarse Skewed
KURTOSIS (K):	25.74	4.779	4.779	0.843	0.843	Platykurtic

GRAIN SIZE DISTRIBUTION