

SIEVING ERROR: 0.3%

SAMPLE STATISTICSSAMPLE IDENTITY: **PEN-93-6_300**

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:	115.0	3.126	GRAVEL: 0.0%	COARSE SAND: 0.0%		
MODE 2:	81.00	3.631	SAND: 98.7%	MEDIUM SAND: 0.2%		
MODE 3:			MUD: 1.3%	FINE SAND: 12.1%		
D_{10} :	68.43	2.937		V FINE SAND: 86.5%		
MEDIAN or D_{50} :	95.83	3.383	V COARSE GRAVEL: 0.0%	V COARSE SILT: 1.3%		
D_{90} :	130.6	3.869	COARSE GRAVEL: 0.0%	COARSE SILT: 0.0%		
(D_{90} / D_{10}) :	1.908	1.317	MEDIUM GRAVEL: 0.0%	MEDIUM SILT: 0.0%		
$(D_{90} - D_{10})$:	62.16	0.932	FINE GRAVEL: 0.0%	FINE SILT: 0.0%		
(D_{75} / D_{25}) :	1.478	1.181	V FINE GRAVEL: 0.0%	V FINE SILT: 0.0%		
$(D_{75} - D_{25})$:	37.27	0.563	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}):	99.24	95.76	3.384	94.63	3.402	Very Fine Sand
SORTING (σ):	26.34	1.283	0.360	1.284	0.361	Well Sorted
SKEWNESS (Sk):	1.362	0.336	-0.336	-0.022	0.022	Symmetrical
KURTOSIS (K):	7.920	3.023	3.023	0.830	0.830	Platykurtic

GRAIN SIZE DISTRIBUTION