

SIEVING ERROR: 0.5%

SAMPLE STATISTICSSAMPLE IDENTITY: **PEN-93-6_225**

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

SAMPLE TYPE: Unimodal, Well Sorted

TEXTURAL GROUP: Sand

SEDIMENT NAME: Well Sorted Very Fine Sand

	μm	ϕ	GRAIN SIZE DISTRIBUTION			
MODE 1:	96.50	3.379	GRAVEL: 0.0%	COARSE SAND: 0.0%		
MODE 2:			SAND: 99.2%	MEDIUM SAND: 0.7%		
MODE 3:			MUD: 0.8%	FINE SAND: 17.3%		
D_{10} :	72.36	2.790		V FINE SAND: 81.3%		
MEDIAN or D_{50} :	99.94	3.323	V COARSE GRAVEL: 0.0%	V COARSE SILT: 0.8%		
D_{90} :	144.6	3.789	COARSE GRAVEL: 0.0%	COARSE SILT: 0.0%		
(D_{90} / D_{10}) :	1.999	1.358	MEDIUM GRAVEL: 0.0%	MEDIUM SILT: 0.0%		
$(D_{90} - D_{10})$:	72.28	0.999	FINE GRAVEL: 0.0%	FINE SILT: 0.0%		
(D_{75} / D_{25}) :	1.423	1.166	V FINE GRAVEL: 0.0%	V FINE SILT: 0.0%		
$(D_{75} - D_{25})$:	35.34	0.509	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}):	106.4	101.8	3.297	99.92	3.323	Very Fine Sand
SORTING (σ):	33.65	1.315	0.395	1.311	0.390	Well Sorted
SKEWNESS (Sk):	2.287	0.752	-0.752	0.071	-0.071	Symmetrical
KURTOSIS (K):	13.68	4.195	4.195	1.080	1.080	Mesokurtic

GRAIN SIZE DISTRIBUTION