

SIEVING ERROR: 0.1%

SAMPLE STATISTICSSAMPLE IDENTITY: **PEN-93-6_275**

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:	115.0	3.126	GRAVEL: 0.0%	COARSE SAND: 0.0%		
MODE 2:			SAND: 98.8%	MEDIUM SAND: 0.4%		
MODE 3:			MUD: 1.2%	FINE SAND: 15.0%		
D_{10} :	68.13	2.858		V FINE SAND: 83.4%		
MEDIAN or D_{50} :	95.70	3.385	V COARSE GRAVEL: 0.0%	V COARSE SILT: 1.2%		
D_{90} :	137.9	3.875	COARSE GRAVEL: 0.0%	COARSE SILT: 0.0%		
(D_{90} / D_{10}) :	2.024	1.356	MEDIUM GRAVEL: 0.0%	MEDIUM SILT: 0.0%		
$(D_{90} - D_{10})$:	69.76	1.017	FINE GRAVEL: 0.0%	FINE SILT: 0.0%		
(D_{75} / D_{25}) :	1.496	1.187	V FINE GRAVEL: 0.0%	V FINE SILT: 0.0%		
$(D_{75} - D_{25})$:	38.53	0.581	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}):	100.9	96.76	3.369	94.95	3.397	Very Fine Sand
SORTING (σ):	30.22	1.310	0.390	1.307	0.386	Well Sorted
SKEWNESS (Sk):	1.755	0.557	-0.557	0.032	-0.032	Symmetrical
KURTOSIS (K):	9.421	3.392	3.392	0.877	0.877	Platykurtic

GRAIN SIZE DISTRIBUTION