

SIEVING ERROR: 0.2%

SAMPLE STATISTICSSAMPLE IDENTITY: **PEN-91-04_175**

ANALYST & DATE: SA/RM, 8/19/91

SAMPLE TYPE: Unimodal, Well Sorted

TEXTURAL GROUP: Sand

SEDIMENT NAME: Well Sorted Fine Sand

	μm	ϕ	GRAIN SIZE DISTRIBUTION			
MODE 1:	137.0	2.873	GRAVEL: 0.0%	COARSE SAND: 0.3%		
MODE 2:			SAND: 99.1%	MEDIUM SAND: 4.4%		
MODE 3:			MUD: 0.9%	FINE SAND: 59.3%		
D_{10} :	95.46	2.274		V FINE SAND: 35.1%		
MEDIAN or D_{50} :	139.3	2.844	V COARSE GRAVEL: 0.0%	V COARSE SILT: 0.9%		
D_{90} :	206.8	3.389	COARSE GRAVEL: 0.0%	COARSE SILT: 0.0%		
(D_{90} / D_{10}) :	2.166	1.490	MEDIUM GRAVEL: 0.0%	MEDIUM SILT: 0.0%		
$(D_{90} - D_{10})$:	111.3	1.115	FINE GRAVEL: 0.0%	FINE SILT: 0.0%		
(D_{75} / D_{25}) :	1.507	1.234	V FINE GRAVEL: 0.0%	V FINE SILT: 0.0%		
$(D_{75} - D_{25})$:	58.17	0.592	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}):	150.6	141.3	2.823	141.8	2.818	Fine Sand
SORTING (σ):	61.47	1.397	0.482	1.368	0.452	Well Sorted
SKEWNESS (Sk):	4.365	0.392	-0.392	0.067	-0.067	Symmetrical
KURTOSIS (K):	46.44	5.372	5.372	1.100	1.100	Mesokurtic

GRAIN SIZE DISTRIBUTION