

SIEVING ERROR: 0.1%

SAMPLE STATISTICSSAMPLE IDENTITY: **PEN-91-04_100**

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:	193.5	2.375	GRAVEL: 0.0%	COARSE SAND: 1.0%		
MODE 2:			SAND: 100.0%	MEDIUM SAND: 11.5%		
MODE 3:			MUD: 0.0%	FINE SAND: 70.7%		
D_{10} :	113.8	1.916		V FINE SAND: 16.4%		
MEDIAN or D_{50} :	170.4	2.553	V COARSE GRAVEL: 0.0%	V COARSE SILT: 0.0%		
D_{90} :	265.0	3.135	COARSE GRAVEL: 0.0%	COARSE SILT: 0.0%		
(D_{90} / D_{10}) :	2.328	1.636	MEDIUM GRAVEL: 0.0%	MEDIUM SILT: 0.0%		
$(D_{90} - D_{10})$:	151.2	1.219	FINE GRAVEL: 0.0%	FINE SILT: 0.0%		
(D_{75} / D_{25}) :	1.508	1.259	V FINE GRAVEL: 0.0%	V FINE SILT: 0.0%		
$(D_{75} - D_{25})$:	69.17	0.593	V COARSE SAND: 0.3%	CLAY: 0.0%		
	METHOD OF MOMENTS			FOLK & WARD METHOD		
	Arithmetic	Geometric	Logarithmic	Geometric	Logarithmic	Description
	μm	μm	ϕ	μm	ϕ	
MEAN (\bar{x}):	186.5	173.2	2.530	170.8	2.549	Fine Sand
SORTING (σ):	91.70	1.413	0.499	1.369	0.453	Well Sorted
SKEWNESS (Sk):	4.958	1.150	-1.150	0.037	-0.037	Symmetrical
KURTOSIS (K):	41.44	6.579	6.579	1.017	1.017	Mesokurtic

GRAIN SIZE DISTRIBUTION