

SIEVING ERROR: 0.2%

SAMPLE STATISTICSSAMPLE IDENTITY: **PEN-91-12_184**

ANALYST & DATE: SA/RM, 8/20/91

SAMPLE TYPE: Bimodal, Well Sorted

TEXTURAL GROUP: Sand

SEDIMENT NAME: Well Sorted Fine Sand

	μm	ϕ	GRAIN SIZE DISTRIBUTION			
MODE 1:	273.5	1.876	GRAVEL: 0.0%	COARSE SAND: 3.5%		
MODE 2:	193.5	2.375	SAND: 99.9%	MEDIUM SAND: 45.3%		
MODE 3:			MUD: 0.1%	FINE SAND: 50.2%		
D_{10} :	165.2	1.367		V FINE SAND: 0.9%		
MEDIAN or D_{50} :	246.4	2.021	V COARSE GRAVEL: 0.0%	V COARSE SILT: 0.1%		
D_{90} :	387.8	2.598	COARSE GRAVEL: 0.0%	COARSE SILT: 0.0%		
(D_{90} / D_{10}) :	2.348	1.901	MEDIUM GRAVEL: 0.0%	MEDIUM SILT: 0.0%		
$(D_{90} - D_{10})$:	222.6	1.231	FINE GRAVEL: 0.0%	FINE SILT: 0.0%		
(D_{75} / D_{25}) :	1.520	1.340	V FINE GRAVEL: 0.0%	V FINE SILT: 0.0%		
$(D_{75} - D_{25})$:	99.97	0.604	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}):	261.8	245.6	2.026	245.3	2.028	Fine Sand
SORTING (σ):	99.20	1.403	0.489	1.385	0.470	Well Sorted
SKEWNESS (Sk):	1.726	0.391	-0.391	0.060	-0.060	Symmetrical
KURTOSIS (K):	7.315	3.855	3.855	1.103	1.103	Mesokurtic

GRAIN SIZE DISTRIBUTION