

SIEVING ERROR: 0.0%

SAMPLE STATISTICSSAMPLE IDENTITY: **PEN-91-12_200**

ANALYST & DATE: TC/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: 3.3%		
MODE 2:	193.5	2.375	SAND: 100.0%	MEDIUM SAND: 45.4%		
MODE 3:			MUD: 0.0%	FINE SAND: 50.4%		
D_{10} :	166.8	1.421		V FINE SAND: 0.8%		
MEDIAN or D_{50} :	246.0	2.023	V COARSE GRAVEL: 0.0%	V COARSE SILT: 0.0%		
D_{90} :	373.6	2.583	COARSE GRAVEL: 0.0%	COARSE SILT: 0.0%		
(D_{90} / D_{10}) :	2.239	1.819	MEDIUM GRAVEL: 0.0%	MEDIUM SILT: 0.0%		
$(D_{90} - D_{10})$:	206.7	1.163	FINE GRAVEL: 0.0%	FINE SILT: 0.0%		
(D_{75} / D_{25}) :	1.503	1.328	V FINE GRAVEL: 0.0%	V FINE SILT: 0.0%		
$(D_{75} - D_{25})$:	96.76	0.588	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}):	260.0	244.5	2.032	243.3	2.039	Fine Sand
SORTING (σ):	97.99	1.390	0.475	1.369	0.453	Well Sorted
SKEWNESS (Sk):	1.944	0.527	-0.527	0.039	-0.039	Symmetrical
KURTOSIS (K):	8.591	4.007	4.007	1.111	1.111	Leptokurtic

GRAIN SIZE DISTRIBUTION