

SIEVING ERROR: -0.1%

SAMPLE STATISTICSSAMPLE IDENTITY: **PEN-91-12_50**

ANALYST & DATE: TR/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: 3.0%		
MODE 2:	193.5	2.375	SAND: 100.0%	MEDIUM SAND: 43.0%		
MODE 3:			MUD: 0.0%	FINE SAND: 53.4%		
D_{10} :	168.3	1.474		V FINE SAND: 0.6%		
MEDIAN or D_{50} :	239.8	2.060	V COARSE GRAVEL: 0.0%	V COARSE SILT: 0.0%		
D_{90} :	359.9	2.571	COARSE GRAVEL: 0.0%	COARSE SILT: 0.0%		
(D_{90} / D_{10}) :	2.139	1.744	MEDIUM GRAVEL: 0.0%	MEDIUM SILT: 0.0%		
$(D_{90} - D_{10})$:	191.7	1.097	FINE GRAVEL: 0.0%	FINE SILT: 0.0%		
(D_{75} / D_{25}) :	1.481	1.314	V FINE GRAVEL: 0.0%	V FINE SILT: 0.0%		
$(D_{75} - D_{25})$:	92.81	0.567	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}):	256.3	242.1	2.046	239.3	2.063	Fine Sand
SORTING (σ):	92.87	1.371	0.455	1.352	0.435	Well Sorted
SKEWNESS (Sk):	1.959	0.597	-0.597	0.077	-0.077	Symmetrical
KURTOSIS (K):	8.710	4.015	4.015	1.122	1.122	Leptokurtic

GRAIN SIZE DISTRIBUTION