

SIEVING ERROR: 0.1%

SAMPLE STATISTICSSAMPLE IDENTITY: **PEN-91-12_100**

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:	193.5	2.375	GRAVEL: 0.0%	COARSE SAND: 1.5%		
MODE 2:	273.5	1.876	SAND: 100.0%	MEDIUM SAND: 35.8%		
MODE 3:			MUD: 0.0%	FINE SAND: 61.8%		
D_{10} :	160.7	1.646		V FINE SAND: 0.9%		
MEDIAN or D_{50} :	220.1	2.184	V COARSE GRAVEL: 0.0%	V COARSE SILT: 0.0%		
D_{90} :	319.5	2.637	COARSE GRAVEL: 0.0%	COARSE SILT: 0.0%		
(D_{90} / D_{10}) :	1.988	1.602	MEDIUM GRAVEL: 0.0%	MEDIUM SILT: 0.0%		
$(D_{90} - D_{10})$:	158.8	0.991	FINE GRAVEL: 0.0%	FINE SILT: 0.0%		
(D_{75} / D_{25}) :	1.465	1.294	V FINE GRAVEL: 0.0%	V FINE SILT: 0.0%		
$(D_{75} - D_{25})$:	86.54	0.551	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}):	237.9	226.7	2.141	223.6	2.161	Fine Sand
SORTING (σ):	78.07	1.337	0.419	1.308	0.387	Well Sorted
SKEWNESS (Sk):	1.986	0.499	-0.499	0.136	-0.136	Coarse Skewed
KURTOSIS (K):	9.857	4.339	4.339	1.006	1.006	Mesokurtic

GRAIN SIZE DISTRIBUTION