

SIEVING ERROR: 0.2%

SAMPLE STATISTICSSAMPLE IDENTITY: **PEN-91-12_300**

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: 4.4%		
MODE 2:	193.5	2.375	SAND: 100.0%	MEDIUM SAND: 44.0%		
MODE 3:			MUD: 0.0%	FINE SAND: 50.9%		
D_{10} :	168.2	1.317		V FINE SAND: 0.6%		
MEDIAN or D_{50} :	245.7	2.025	V COARSE GRAVEL: 0.0%	V COARSE SILT: 0.0%		
D_{90} :	401.3	2.572	COARSE GRAVEL: 0.0%	COARSE SILT: 0.0%		
(D_{90} / D_{10}) :	2.386	1.952	MEDIUM GRAVEL: 0.0%	MEDIUM SILT: 0.0%		
$(D_{90} - D_{10})$:	233.1	1.254	FINE GRAVEL: 0.0%	FINE SILT: 0.0%		
(D_{75} / D_{25}) :	1.516	1.339	V FINE GRAVEL: 0.0%	V FINE SILT: 0.0%		
$(D_{75} - D_{25})$:	99.88	0.601	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}):	265.8	248.8	2.007	247.1	2.017	Fine Sand
SORTING (σ):	104.4	1.406	0.492	1.393	0.479	Well Sorted
SKEWNESS (Sk):	1.817	0.615	-0.615	0.109	-0.109	Coarse Skewed
KURTOSIS (K):	7.282	3.653	3.653	1.137	1.137	Leptokurtic

GRAIN SIZE DISTRIBUTION