

SIEVING ERROR: 0.0%

SAMPLE STATISTICSSAMPLE IDENTITY: **PEN-91-12_225**

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

SAMPLE TYPE: Bimodal, Well Sorted

TEXTURAL GROUP: Sand

SEDIMENT NAME: Well Sorted Medium Sand

	μm	ϕ	GRAIN SIZE DISTRIBUTION			
MODE 1:	273.5	1.876	GRAVEL: 0.0%	COARSE SAND: 4.8%		
MODE 2:	193.5	2.375	SAND: 99.9%	MEDIUM SAND: 48.2%		
MODE 3:			MUD: 0.1%	FINE SAND: 46.3%		
D_{10} :	173.4	1.286		V FINE SAND: 0.7%		
MEDIAN or D_{50} :	254.5	1.974	V COARSE GRAVEL: 0.0%	V COARSE SILT: 0.1%		
D_{90} :	409.9	2.528	COARSE GRAVEL: 0.0%	COARSE SILT: 0.0%		
(D_{90} / D_{10}) :	2.364	1.965	MEDIUM GRAVEL: 0.0%	MEDIUM SILT: 0.0%		
$(D_{90} - D_{10})$:	236.6	1.241	FINE GRAVEL: 0.0%	FINE SILT: 0.0%		
(D_{75} / D_{25}) :	1.489	1.327	V FINE GRAVEL: 0.0%	V FINE SILT: 0.0%		
$(D_{75} - D_{25})$:	97.12	0.574	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}):	272.3	254.8	1.973	252.9	1.984	Medium Sand
SORTING (σ):	106.8	1.410	0.495	1.393	0.479	Well Sorted
SKEWNESS (Sk):	1.837	0.499	-0.499	0.060	-0.060	Symmetrical
KURTOSIS (K):	7.498	3.952	3.952	1.193	1.193	Leptokurtic

GRAIN SIZE DISTRIBUTION