

SIEVING ERROR: 0.1%

SAMPLE STATISTICSSAMPLE IDENTITY: **PEN-91-12_250**

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: 4.5%		
MODE 2:	193.5	2.375	SAND: 100.0%	MEDIUM SAND: 46.4%		
MODE 3:			MUD: 0.0%	FINE SAND: 48.7%		
D_{10} :	171.1	1.304		V FINE SAND: 0.5%		
MEDIAN or D_{50} :	251.4	1.992	V COARSE GRAVEL: 0.0%	V COARSE SILT: 0.0%		
D_{90} :	405.0	2.547	COARSE GRAVEL: 0.0%	COARSE SILT: 0.0%		
(D_{90} / D_{10}) :	2.366	1.953	MEDIUM GRAVEL: 0.0%	MEDIUM SILT: 0.0%		
$(D_{90} - D_{10})$:	233.9	1.243	FINE GRAVEL: 0.0%	FINE SILT: 0.0%		
(D_{75} / D_{25}) :	1.500	1.331	V FINE GRAVEL: 0.0%	V FINE SILT: 0.0%		
$(D_{75} - D_{25})$:	98.00	0.585	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}):	269.1	252.1	1.988	250.2	1.999	Medium Sand
SORTING (σ):	105.2	1.401	0.487	1.391	0.476	Well Sorted
SKEWNESS (Sk):	1.872	0.669	-0.669	0.070	-0.070	Symmetrical
KURTOSIS (K):	7.583	3.628	3.628	1.163	1.163	Leptokurtic

GRAIN SIZE DISTRIBUTION