

SIEVING ERROR: -0.1%

SAMPLE STATISTICSSAMPLE IDENTITY: **PEN-91-12_325**

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: 4.8%		
MODE 2:	193.5	2.375	SAND: 100.0%	MEDIUM SAND: 45.4%		
MODE 3:			MUD: 0.0%	FINE SAND: 49.3%		
D_{10} :	172.5	1.278		V FINE SAND: 0.4%		
MEDIAN or D_{50} :	250.4	1.998	V COARSE GRAVEL: 0.0%	V COARSE SILT: 0.0%		
D_{90} :	412.3	2.535	COARSE GRAVEL: 0.0%	COARSE SILT: 0.0%		
(D_{90} / D_{10}) :	2.390	1.984	MEDIUM GRAVEL: 0.0%	MEDIUM SILT: 0.0%		
$(D_{90} - D_{10})$:	239.8	1.257	FINE GRAVEL: 0.0%	FINE SILT: 0.0%		
(D_{75} / D_{25}) :	1.504	1.334	V FINE GRAVEL: 0.0%	V FINE SILT: 0.0%		
$(D_{75} - D_{25})$:	98.84	0.589	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}):	270.5	253.0	1.983	251.0	1.994	Medium Sand
SORTING (σ):	107.3	1.407	0.492	1.396	0.481	Well Sorted
SKEWNESS (Sk):	1.857	0.692	-0.692	0.097	-0.097	Symmetrical
KURTOSIS (K):	7.356	3.600	3.600	1.165	1.165	Leptokurtic

GRAIN SIZE DISTRIBUTION