

SIEVING ERROR: 0.2%

SAMPLE STATISTICSSAMPLE IDENTITY: **PEN-91-08_10**

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

SAMPLE TYPE: Trimodal, Moderately Well Sorted

TEXTURAL GROUP: Sand

SEDIMENT NAME: Moderately Well Sorted Medium Sand

	μm	ϕ	GRAIN SIZE DISTRIBUTION			
MODE 1:	273.5	1.876	GRAVEL: 0.0%	COARSE SAND: 11.5%		
MODE 2:	193.5	2.375	SAND: 100.0%	MEDIUM SAND: 59.9%		
MODE 3:	460.0	1.126	MUD: 0.0%	FINE SAND: 28.2%		
D_{10} :	183.9	0.955		V FINE SAND: 0.5%		
MEDIAN or D_{50} :	295.3	1.760	V COARSE GRAVEL: 0.0%	V COARSE SILT: 0.0%		
D_{90} :	515.9	2.443	COARSE GRAVEL: 0.0%	COARSE SILT: 0.0%		
(D_{90} / D_{10}) :	2.805	2.558	MEDIUM GRAVEL: 0.0%	MEDIUM SILT: 0.0%		
$(D_{90} - D_{10})$:	331.9	1.488	FINE GRAVEL: 0.0%	FINE SILT: 0.0%		
(D_{75} / D_{25}) :	1.748	1.620	V FINE GRAVEL: 0.0%	V FINE SILT: 0.0%		
$(D_{75} - D_{25})$:	173.9	0.805	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}):	327.5	303.5	1.720	301.8	1.728	Medium Sand
SORTING (σ):	126.2	1.464	0.550	1.495	0.580	Moderately Well Sorted
SKEWNESS (Sk):	0.785	-0.001	0.001	0.071	-0.071	Symmetrical
KURTOSIS (K):	3.041	2.516	2.516	0.918	0.918	Mesokurtic

GRAIN SIZE DISTRIBUTION