

SIEVING ERROR: 0.2%

SAMPLE STATISTICSSAMPLE IDENTITY: **PEN-91-06_125**

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: 24.3%		
MODE 2:	460.0	1.126	SAND: 99.7%	MEDIUM SAND: 53.2%		
MODE 3:	193.5	2.375	MUD: 0.3%	FINE SAND: 21.0%		
D_{10} :	189.3	0.717		V FINE SAND: 1.2%		
MEDIAN or D_{50} :	344.7	1.536	V COARSE GRAVEL: 0.0%	V COARSE SILT: 0.3%		
D_{90} :	608.5	2.401	COARSE GRAVEL: 0.0%	COARSE SILT: 0.0%		
(D_{90} / D_{10}) :	3.214	3.350	MEDIUM GRAVEL: 0.0%	MEDIUM SILT: 0.0%		
$(D_{90} - D_{10})$:	419.1	1.684	FINE GRAVEL: 0.0%	FINE SILT: 0.0%		
(D_{75} / D_{25}) :	1.934	1.940	V FINE GRAVEL: 0.0%	V FINE SILT: 0.0%		
$(D_{75} - D_{25})$:	239.4	0.952	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}):	381.8	344.7	1.536	345.6	1.533	Medium Sand
SORTING (σ):	165.4	1.579	0.659	1.583	0.663	Moderately Well Sorted
SKEWNESS (Sk):	0.598	-0.369	0.369	-0.010	0.010	Symmetrical
KURTOSIS (K):	2.640	3.016	3.016	0.911	0.911	Mesokurtic

GRAIN SIZE DISTRIBUTION