

SIEVING ERROR: 0.1%

SAMPLE STATISTICSSAMPLE IDENTITY: **PEN-91-08_50**

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: 12.6%		
MODE 2:	193.5	2.375	SAND: 100.0%	MEDIUM SAND: 57.2%		
MODE 3:	460.0	1.126	MUD: 0.0%	FINE SAND: 28.2%		
D_{10} :	181.6	0.870		V FINE SAND: 1.0%		
MEDIAN or D_{50} :	294.6	1.763	V COARSE GRAVEL: 0.0%	V COARSE SILT: 0.0%		
D_{90} :	547.0	2.461	COARSE GRAVEL: 0.0%	COARSE SILT: 0.0%		
(D_{90} / D_{10}) :	3.012	2.828	MEDIUM GRAVEL: 0.0%	MEDIUM SILT: 0.0%		
$(D_{90} - D_{10})$:	365.4	1.591	FINE GRAVEL: 0.0%	FINE SILT: 0.0%		
(D_{75} / D_{25}) :	1.792	1.657	V FINE GRAVEL: 0.0%	V FINE SILT: 0.0%		
$(D_{75} - D_{25})$:	182.0	0.841	V COARSE SAND: 1.0%	CLAY: 0.0%		
	METHOD OF MOMENTS			FOLK & WARD METHOD		
	Arithmetic	Geometric	Logarithmic	Geometric	Logarithmic	Description
	μm	μm	ϕ	μm	ϕ	
MEAN (\bar{x}):	341.7	308.5	1.697	303.3	1.721	Medium Sand
SORTING (σ):	166.7	1.542	0.625	1.546	0.628	Moderately Well Sorted
SKEWNESS (Sk):	1.799	0.316	-0.316	0.114	-0.114	Coarse Skewed
KURTOSIS (K):	7.467	3.207	3.207	0.987	0.987	Mesokurtic

GRAIN SIZE DISTRIBUTION