

SIEVING ERROR: 0.3%

SAMPLE STATISTICSSAMPLE IDENTITY: **PEN-91-08_215**

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

SAMPLE TYPE: Trimodal, Moderately Sorted

TEXTURAL GROUP: Sand

SEDIMENT NAME: Moderately Sorted Medium Sand

	μm	ϕ	GRAIN SIZE DISTRIBUTION			
MODE 1:	273.5	1.876	GRAVEL: 0.0%	COARSE SAND: 13.1%		
MODE 2:	193.5	2.375	SAND: 100.0%	MEDIUM SAND: 55.2%		
MODE 3:	1094.5	-0.125	MUD: 0.0%	FINE SAND: 25.9%		
D_{10} :	184.5	0.472		V FINE SAND: 0.7%		
MEDIAN or D_{50} :	310.7	1.686	V COARSE GRAVEL: 0.0%	V COARSE SILT: 0.0%		
D_{90} :	720.8	2.438	COARSE GRAVEL: 0.0%	COARSE SILT: 0.0%		
(D_{90} / D_{10}) :	3.906	5.162	MEDIUM GRAVEL: 0.0%	MEDIUM SILT: 0.0%		
$(D_{90} - D_{10})$:	536.3	1.966	FINE GRAVEL: 0.0%	FINE SILT: 0.0%		
(D_{75} / D_{25}) :	1.835	1.745	V FINE GRAVEL: 0.0%	V FINE SILT: 0.0%		
$(D_{75} - D_{25})$:	201.4	0.876	V COARSE SAND: 5.0%	CLAY: 0.0%		
	METHOD OF MOMENTS			FOLK & WARD METHOD		
	Arithmetic	Geometric	Logarithmic	Geometric	Logarithmic	Description
	μm	μm	ϕ	μm	ϕ	
MEAN (\bar{x}):	386.0	334.7	1.579	322.6	1.632	Medium Sand
SORTING (σ):	232.1	1.654	0.726	1.678	0.746	Moderately Sorted
SKEWNESS (Sk):	1.760	0.605	-0.605	0.203	-0.203	Coarse Skewed
KURTOSIS (K):	5.565	3.053	3.053	1.223	1.223	Leptokurtic

GRAIN SIZE DISTRIBUTION