

SIEVING ERROR: 0.7%

SAMPLE STATISTICSSAMPLE IDENTITY: **PEN-92-5_223**

ANALYST & DATE: TB/RM, 8/23/92

SAMPLE TYPE: Polymodal, Moderately Sorted

TEXTURAL GROUP: Sand

SEDIMENT NAME: Moderately Sorted Very Fine Sand

	μm	ϕ	GRAIN SIZE DISTRIBUTION			
MODE 1:	115.0	3.126	GRAVEL: 0.0%	COARSE SAND: 9.4%		
MODE 2:	193.5	2.375	SAND: 97.1%	MEDIUM SAND: 14.2%		
MODE 3:	273.5	1.876	MUD: 2.9%	FINE SAND: 29.0%		
D_{10} :	80.54	0.982		V FINE SAND: 43.7%		
MEDIAN or D_{50} :	133.2	2.909	V COARSE GRAVEL: 0.0%	V COARSE SILT: 2.8%		
D_{90} :	506.3	3.634	COARSE GRAVEL: 0.0%	COARSE SILT: 0.0%		
(D_{90} / D_{10}) :	6.286	3.701	MEDIUM GRAVEL: 0.0%	MEDIUM SILT: 0.0%		
$(D_{90} - D_{10})$:	425.8	2.652	FINE GRAVEL: 0.0%	FINE SILT: 0.0%		
(D_{75} / D_{25}) :	2.321	1.597	V FINE GRAVEL: 0.0%	V FINE SILT: 0.0%		
$(D_{75} - D_{25})$:	138.8	1.214	V COARSE SAND: 0.9%	CLAY: 0.0%		
	METHOD OF MOMENTS			FOLK & WARD METHOD		
	Arithmetic	Geometric	Logarithmic	Geometric	Logarithmic	Description
	μm	μm	ϕ	μm	ϕ	
MEAN (\bar{x}):	217.0	163.9	2.609	162.7	2.620	Fine Sand
SORTING (σ):	198.4	1.995	0.996	1.966	0.975	Moderately Sorted
SKEWNESS (Sk):	2.329	0.768	-0.768	0.427	-0.427	Very Coarse Skewed
KURTOSIS (K):	8.876	3.129	3.129	1.095	1.095	Mesokurtic

GRAIN SIZE DISTRIBUTION