

SIEVING ERROR: 1.4%

SAMPLE STATISTICSSAMPLE IDENTITY: **PEN-92-5_100**

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

SAMPLE TYPE: Polymodal, Poorly Sorted

TEXTURAL GROUP: Sand

SEDIMENT NAME: Poorly Sorted Very Fine Sand

	μm	ϕ	GRAIN SIZE DISTRIBUTION			
MODE 1:	115.0	3.126	GRAVEL: 0.0%	COARSE SAND: 9.0%		
MODE 2:	193.5	2.375	SAND: 95.5%	MEDIUM SAND: 15.2%		
MODE 3:	273.5	1.876	MUD: 4.5%	FINE SAND: 28.0%		
D_{10} :	73.49	1.003		V FINE SAND: 42.3%		
MEDIAN or D_{50} :	132.5	2.916	V COARSE GRAVEL: 0.0%	V COARSE SILT: 4.5%		
D_{90} :	499.0	3.766	COARSE GRAVEL: 0.0%	COARSE SILT: 0.0%		
(D_{90} / D_{10}) :	6.790	3.755	MEDIUM GRAVEL: 0.0%	MEDIUM SILT: 0.0%		
$(D_{90} - D_{10})$:	425.5	2.763	FINE GRAVEL: 0.0%	FINE SILT: 0.0%		
(D_{75} / D_{25}) :	2.573	1.683	V FINE GRAVEL: 0.0%	V FINE SILT: 0.0%		
$(D_{75} - D_{25})$:	153.4	1.364	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}):	217.3	159.9	2.645	156.3	2.678	Fine Sand
SORTING (σ):	206.3	2.067	1.047	2.057	1.040	Poorly Sorted
SKEWNESS (Sk):	2.247	0.711	-0.711	0.367	-0.367	Very Coarse Skewed
KURTOSIS (K):	7.952	2.980	2.980	1.037	1.037	Mesokurtic

GRAIN SIZE DISTRIBUTION