

SIEVING ERROR: 1.1%

SAMPLE STATISTICSSAMPLE IDENTITY: **PEN-92-5_218**

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

SAMPLE TYPE: Trimodal, 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: 7.4%		
MODE 2:	193.5	2.375	SAND: 93.0%	MEDIUM SAND: 11.1%		
MODE 3:	273.5	1.876	MUD: 7.0%	FINE SAND: 28.7%		
D_{10} :	69.74	1.140		V FINE SAND: 44.5%		
MEDIAN or D_{50} :	123.5	3.017	V COARSE GRAVEL: 0.0%	V COARSE SILT: 6.9%		
D_{90} :	453.8	3.842	COARSE GRAVEL: 0.0%	COARSE SILT: 0.1%		
(D_{90} / D_{10}) :	6.508	3.371	MEDIUM GRAVEL: 0.0%	MEDIUM SILT: 0.0%		
$(D_{90} - D_{10})$:	384.1	2.702	FINE GRAVEL: 0.0%	FINE SILT: 0.0%		
(D_{75} / D_{25}) :	2.030	1.438	V FINE GRAVEL: 0.0%	V FINE SILT: 0.0%		
$(D_{75} - D_{25})$:	100.7	1.022	V COARSE SAND: 1.3%	CLAY: 0.0%		
	METHOD OF MOMENTS			FOLK & WARD METHOD		
	Arithmetic	Geometric	Logarithmic	Geometric	Logarithmic	Description
	μm	μm	ϕ	μm	ϕ	
MEAN (\bar{x}):	199.2	146.3	2.773	142.6	2.810	Fine Sand
SORTING (σ):	201.9	2.043	1.031	2.002	1.002	Poorly Sorted
SKEWNESS (Sk):	2.734	0.789	-0.789	0.334	-0.334	Very Coarse Skewed
KURTOSIS (K):	11.10	3.651	3.651	1.449	1.449	Leptokurtic

GRAIN SIZE DISTRIBUTION