

SAMPLE STATISTICS

SAMPLE IDENTITY: **PEN-92-1_510A**

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

SAMPLE TYPE: Polymodal, Poorly Sorted

TEXTURAL GROUP: Sand

SEDIMENT NAME: Poorly Sorted Fine Sand

	μm	ϕ	GRAIN SIZE DISTRIBUTION			
MODE 1:	273.5	1.876	GRAVEL: 0.0%	COARSE SAND: 18.3%		
MODE 2:	137.0	2.873	SAND: 94.7%	MEDIUM SAND: 22.7%		
MODE 3:	193.5	2.375	MUD: 5.3%	FINE SAND: 30.7%		
D_{10} :	85.19	0.201		V FINE SAND: 17.1%		
MEDIAN or D_{50} :	225.3	2.150	V COARSE GRAVEL: 0.0%	V COARSE SILT: 5.3%		
D_{90} :	870.1	3.553	COARSE GRAVEL: 0.0%	COARSE SILT: 0.0%		
(D_{90} / D_{10}) :	10.21	17.69	MEDIUM GRAVEL: 0.0%	MEDIUM SILT: 0.0%		
$(D_{90} - D_{10})$:	784.9	3.352	FINE GRAVEL: 0.0%	FINE SILT: 0.0%		
(D_{75} / D_{25}) :	3.699	2.800	V FINE GRAVEL: 0.0%	V FINE SILT: 0.0%		
$(D_{75} - D_{25})$:	352.8	1.887	V COARSE SAND: 5.9%	CLAY: 0.0%		
	METHOD OF MOMENTS			FOLK & WARD METHOD		
	Arithmetic	Geometric	Logarithmic	Geometric	Logarithmic	Description
	μm	μm	ϕ	μm	ϕ	
MEAN (\bar{x}):	349.3	245.3	2.027	252.6	1.985	Medium Sand
SORTING (σ):	307.2	2.305	1.205	2.410	1.269	Poorly Sorted
SKEWNESS (Sk):	1.399	0.213	-0.213	0.137	-0.137	Coarse Skewed
KURTOSIS (K):	4.059	2.130	2.130	0.883	0.883	Platykurtic

GRAIN SIZE DISTRIBUTION

