

SIEVING ERROR: 0.4%

SAMPLE STATISTICSSAMPLE IDENTITY: **PEN-92-1_520**

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

SAMPLE TYPE: Polymodal, Poorly Sorted

TEXTURAL GROUP: Sand

SEDIMENT NAME: Poorly Sorted Coarse Sand

	μm	ϕ	GRAIN SIZE DISTRIBUTION			
MODE 1:	920.5	0.125	GRAVEL: 0.0%	COARSE SAND: 33.2%		
MODE 2:	273.5	1.876	SAND: 99.6%	MEDIUM SAND: 24.0%		
MODE 3:	547.5	0.875	MUD: 0.4%	FINE SAND: 20.6%		
D_{10} :	149.4	-0.164		V FINE SAND: 5.0%		
MEDIAN or D_{50} :	500.7	0.998	V COARSE GRAVEL: 0.0%	V COARSE SILT: 0.4%		
D_{90} :	1120.2	2.743	COARSE GRAVEL: 0.0%	COARSE SILT: 0.0%		
(D_{90} / D_{10}) :	7.497	-16.742	MEDIUM GRAVEL: 0.0%	MEDIUM SILT: 0.0%		
$(D_{90} - D_{10})$:	970.8	2.906	FINE GRAVEL: 0.0%	FINE SILT: 0.0%		
(D_{75} / D_{25}) :	3.667	11.28	V FINE GRAVEL: 0.0%	V FINE SILT: 0.0%		
$(D_{75} - D_{25})$:	641.0	1.874	V COARSE SAND: 16.9%	CLAY: 0.0%		
	METHOD OF MOMENTS			FOLK & WARD METHOD		
	Arithmetic	Geometric	Logarithmic	Geometric	Logarithmic	Description
	μm	μm	ϕ	μm	ϕ	
MEAN (\bar{x}):	570.7	440.7	1.182	450.9	1.149	Medium Sand
SORTING (σ):	368.8	2.143	1.099	2.185	1.128	Poorly Sorted
SKEWNESS (Sk):	0.479	-0.352	0.352	-0.200	0.200	Fine Skewed
KURTOSIS (K):	1.967	2.020	2.020	0.729	0.729	Platykurtic

GRAIN SIZE DISTRIBUTION