

SIEVING ERROR: 0.5%

SAMPLE STATISTICSSAMPLE IDENTITY: **PEN-92-1_475**

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: 31.6%		
MODE 2:	193.5	2.375	SAND: 99.5%	MEDIUM SAND: 21.9%		
MODE 3:	547.5	0.875	MUD: 0.5%	FINE SAND: 28.2%		
D_{10} :	141.7	-0.068		V FINE SAND: 5.3%		
MEDIAN or D_{50} :	417.0	1.262	V COARSE GRAVEL: 0.0%	V COARSE SILT: 0.5%		
D_{90} :	1048.5	2.820	COARSE GRAVEL: 0.0%	COARSE SILT: 0.0%		
(D_{90} / D_{10}) :	7.402	-41.240	MEDIUM GRAVEL: 0.0%	MEDIUM SILT: 0.0%		
$(D_{90} - D_{10})$:	906.9	2.888	FINE GRAVEL: 0.0%	FINE SILT: 0.0%		
(D_{75} / D_{25}) :	4.067	6.917	V FINE GRAVEL: 0.0%	V FINE SILT: 0.0%		
$(D_{75} - D_{25})$:	594.9	2.024	V COARSE SAND: 12.4%	CLAY: 0.0%		
	METHOD OF MOMENTS			FOLK & WARD METHOD		
	Arithmetic	Geometric	Logarithmic	Geometric	Logarithmic	Description
	μm	μm	ϕ	μm	ϕ	
MEAN (\bar{x}):	509.7	387.8	1.367	399.9	1.322	Medium Sand
SORTING (σ):	351.2	2.154	1.107	2.185	1.127	Poorly Sorted
SKEWNESS (Sk):	0.648	-0.142	0.142	-0.085	0.085	Symmetrical
KURTOSIS (K):	2.180	1.830	1.830	0.661	0.661	Very Platykurtic

GRAIN SIZE DISTRIBUTION