

SIEVING ERROR: 1.2%

SAMPLE STATISTICSSAMPLE IDENTITY: **PEN-92-5_178**

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:	547.5	0.875	GRAVEL: 0.0%	COARSE SAND: 25.1%		
MODE 2:	115.0	3.126	SAND: 97.8%	MEDIUM SAND: 24.8%		
MODE 3:	193.5	2.375	MUD: 2.2%	FINE SAND: 26.6%		
D_{10} :	102.8	0.339		V FINE SAND: 17.4%		
MEDIAN or D_{50} :	272.3	1.877	V COARSE GRAVEL: 0.0%	V COARSE SILT: 2.2%		
D_{90} :	790.6	3.282	COARSE GRAVEL: 0.0%	COARSE SILT: 0.0%		
(D_{90} / D_{10}) :	7.688	9.681	MEDIUM GRAVEL: 0.0%	MEDIUM SILT: 0.0%		
$(D_{90} - D_{10})$:	687.8	2.943	FINE GRAVEL: 0.0%	FINE SILT: 0.0%		
(D_{75} / D_{25}) :	3.732	3.117	V FINE GRAVEL: 0.0%	V FINE SILT: 0.0%		
$(D_{75} - D_{25})$:	393.0	1.900	V COARSE SAND: 4.0%	CLAY: 0.0%		
	METHOD OF MOMENTS			FOLK & WARD METHOD		
	Arithmetic	Geometric	Logarithmic	Geometric	Logarithmic	Description
	μm	μm	ϕ	μm	ϕ	
MEAN (\bar{x}):	372.1	275.2	1.861	274.4	1.866	Medium Sand
SORTING (σ):	284.3	2.221	1.151	2.236	1.161	Poorly Sorted
SKEWNESS (Sk):	1.152	-0.094	0.094	0.015	-0.015	Symmetrical
KURTOSIS (K):	3.764	2.188	2.188	0.771	0.771	Platykurtic

GRAIN SIZE DISTRIBUTION