

SIEVING ERROR: 0.5%

SAMPLE STATISTICSSAMPLE IDENTITY: **PEN-92-1_510**

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:	1094.5	-0.125	GRAVEL: 0.0%	COARSE SAND: 25.5%		
MODE 2:	273.5	1.876	SAND: 98.9%	MEDIUM SAND: 21.2%		
MODE 3:	193.5	2.375	MUD: 1.1%	FINE SAND: 26.3%		
D_{10} :	126.6	-0.201		V FINE SAND: 8.4%		
MEDIAN or D_{50} :	384.3	1.380	V COARSE GRAVEL: 0.0%	V COARSE SILT: 1.1%		
D_{90} :	1149.3	2.982	COARSE GRAVEL: 0.0%	COARSE SILT: 0.0%		
(D_{90} / D_{10}) :	9.078	-14.849	MEDIUM GRAVEL: 0.0%	MEDIUM SILT: 0.0%		
$(D_{90} - D_{10})$:	1022.7	3.182	FINE GRAVEL: 0.0%	FINE SILT: 0.0%		
(D_{75} / D_{25}) :	4.697	11.38	V FINE GRAVEL: 0.0%	V FINE SILT: 0.0%		
$(D_{75} - D_{25})$:	678.1	2.232	V COARSE SAND: 17.5%	CLAY: 0.0%		
	METHOD OF MOMENTS			FOLK & WARD METHOD		
	Arithmetic	Geometric	Logarithmic	Geometric	Logarithmic	Description
	μm	μm	ϕ	μm	ϕ	
MEAN (\bar{x}):	527.1	380.6	1.394	388.9	1.363	Medium Sand
SORTING (σ):	392.8	2.324	1.217	2.358	1.238	Poorly Sorted
SKEWNESS (Sk):	0.664	-0.129	0.129	-0.007	0.007	Symmetrical
KURTOSIS (K):	2.064	1.819	1.819	0.655	0.655	Very Platykurtic

GRAIN SIZE DISTRIBUTION