

SIEVING ERROR: 0.5%

SAMPLE STATISTICSSAMPLE IDENTITY: **PEN-92-1_480**

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:	193.5	2.375	GRAVEL: 0.0%	COARSE SAND: 23.6%		
MODE 2:	273.5	1.876	SAND: 99.6%	MEDIUM SAND: 23.0%		
MODE 3:	920.5	0.125	MUD: 0.4%	FINE SAND: 35.7%		
D_{10} :	133.2	-0.026		V FINE SAND: 6.6%		
MEDIAN or D_{50} :	286.5	1.804	V COARSE GRAVEL: 0.0%	V COARSE SILT: 0.4%		
D_{90} :	1018.4	2.908	COARSE GRAVEL: 0.0%	COARSE SILT: 0.0%		
(D_{90} / D_{10}) :	7.646	-110.415	MEDIUM GRAVEL: 0.0%	MEDIUM SILT: 0.0%		
$(D_{90} - D_{10})$:	885.2	2.935	FINE GRAVEL: 0.0%	FINE SILT: 0.0%		
(D_{75} / D_{25}) :	3.688	4.026	V FINE GRAVEL: 0.0%	V FINE SILT: 0.0%		
$(D_{75} - D_{25})$:	473.5	1.883	V COARSE SAND: 10.7%	CLAY: 0.0%		
	METHOD OF MOMENTS			FOLK & WARD METHOD		
	Arithmetic	Geometric	Logarithmic	Geometric	Logarithmic	Description
	μm	μm	ϕ	μm	ϕ	
MEAN (\bar{x}):	448.1	334.1	1.582	336.1	1.573	Medium Sand
SORTING (σ):	345.3	2.147	1.102	2.203	1.139	Poorly Sorted
SKEWNESS (Sk):	1.020	0.205	-0.205	0.243	-0.243	Coarse Skewed
KURTOSIS (K):	2.839	1.855	1.855	0.723	0.723	Platykurtic

GRAIN SIZE DISTRIBUTION