

SIEVING ERROR: 0.5%

SAMPLE STATISTICSSAMPLE IDENTITY: **PEN-92-1_490**

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: 20.9%		
MODE 2:	273.5	1.876	SAND: 99.0%	MEDIUM SAND: 19.0%		
MODE 3:	920.5	0.125	MUD: 1.0%	FINE SAND: 39.9%		
D_{10} :	123.1	0.017		V FINE SAND: 9.6%		
MEDIAN or D_{50} :	245.7	2.025	V COARSE GRAVEL: 0.0%	V COARSE SILT: 1.0%		
D_{90} :	988.1	3.022	COARSE GRAVEL: 0.0%	COARSE SILT: 0.0%		
(D_{90} / D_{10}) :	8.027	175.1	MEDIUM GRAVEL: 0.0%	MEDIUM SILT: 0.0%		
$(D_{90} - D_{10})$:	865.0	3.005	FINE GRAVEL: 0.0%	FINE SILT: 0.0%		
(D_{75} / D_{25}) :	3.551	3.333	V FINE GRAVEL: 0.0%	V FINE SILT: 0.0%		
$(D_{75} - D_{25})$:	417.3	1.828	V COARSE SAND: 9.6%	CLAY: 0.0%		
	METHOD OF MOMENTS			FOLK & WARD METHOD		
	Arithmetic	Geometric	Logarithmic	Geometric	Logarithmic	Description
	μm	μm	ϕ	μm	ϕ	
MEAN (\bar{x}):	410.2	298.6	1.744	305.9	1.709	Medium Sand
SORTING (σ):	340.4	2.186	1.129	2.239	1.163	Poorly Sorted
SKEWNESS (Sk):	1.193	0.341	-0.341	0.334	-0.334	Very Coarse Skewed
KURTOSIS (K):	3.222	2.006	2.006	0.763	0.763	Platykurtic

GRAIN SIZE DISTRIBUTION