

SIEVING ERROR: 0.5%

SAMPLE STATISTICSSAMPLE IDENTITY: **PEN-92-5_173**

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:	115.0	3.126	GRAVEL: 0.0%	COARSE SAND: 20.4%		
MODE 2:	163.0	2.622	SAND: 98.7%	MEDIUM SAND: 27.1%		
MODE 3:	547.5	0.875	MUD: 1.3%	FINE SAND: 30.9%		
D_{10} :	106.5	0.651		V FINE SAND: 18.9%		
MEDIAN or D_{50} :	242.1	2.047	V COARSE GRAVEL: 0.0%	V COARSE SILT: 1.3%		
D_{90} :	636.8	3.232	COARSE GRAVEL: 0.0%	COARSE SILT: 0.0%		
(D_{90} / D_{10}) :	5.982	4.964	MEDIUM GRAVEL: 0.0%	MEDIUM SILT: 0.0%		
$(D_{90} - D_{10})$:	530.4	2.581	FINE GRAVEL: 0.0%	FINE SILT: 0.0%		
(D_{75} / D_{25}) :	3.297	2.574	V FINE GRAVEL: 0.0%	V FINE SILT: 0.0%		
$(D_{75} - D_{25})$:	326.5	1.721	V COARSE SAND: 1.4%	CLAY: 0.0%		
	METHOD OF MOMENTS			FOLK & WARD METHOD		
	Arithmetic	Geometric	Logarithmic	Geometric	Logarithmic	Description
	μm	μm	ϕ	μm	ϕ	
MEAN (\bar{x}):	323.2	251.3	1.993	250.4	1.998	Medium Sand
SORTING (σ):	232.8	2.042	1.030	2.054	1.038	Poorly Sorted
SKEWNESS (Sk):	1.277	0.026	-0.026	0.074	-0.074	Symmetrical
KURTOSIS (K):	4.468	2.222	2.222	0.750	0.750	Platykurtic

GRAIN SIZE DISTRIBUTION