

SIEVING ERROR: 1.5%

SAMPLE STATISTICSSAMPLE IDENTITY: **PEN-92-5_233**

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: 15.9%		
MODE 2:	193.5	2.375	SAND: 97.4%	MEDIUM SAND: 19.3%		
MODE 3:	273.5	1.876	MUD: 2.6%	FINE SAND: 32.9%		
D_{10} :	89.86	0.482		V FINE SAND: 25.1%		
MEDIAN or D_{50} :	189.5	2.400	V COARSE GRAVEL: 0.0%	V COARSE SILT: 2.6%		
D_{90} :	715.9	3.476	COARSE GRAVEL: 0.0%	COARSE SILT: 0.0%		
(D_{90} / D_{10}) :	7.967	7.209	MEDIUM GRAVEL: 0.0%	MEDIUM SILT: 0.0%		
$(D_{90} - D_{10})$:	626.0	2.994	FINE GRAVEL: 0.0%	FINE SILT: 0.0%		
(D_{75} / D_{25}) :	3.450	2.408	V FINE GRAVEL: 0.0%	V FINE SILT: 0.0%		
$(D_{75} - D_{25})$:	294.8	1.787	V COARSE SAND: 4.1%	CLAY: 0.0%		
	METHOD OF MOMENTS			FOLK & WARD METHOD		
	Arithmetic	Geometric	Logarithmic	Geometric	Logarithmic	Description
	μm	μm	ϕ	μm	ϕ	
MEAN (\bar{x}):	309.4	220.8	2.179	224.7	2.154	Fine Sand
SORTING (σ):	279.9	2.218	1.150	2.233	1.159	Poorly Sorted
SKEWNESS (Sk):	1.704	0.360	-0.360	0.286	-0.286	Coarse Skewed
KURTOSIS (K):	5.400	2.419	2.419	0.844	0.844	Platykurtic

GRAIN SIZE DISTRIBUTION