

SIEVING ERROR: 1.7%

SAMPLE STATISTICSSAMPLE IDENTITY: **PEN-92-5_188**

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: 22.2%		
MODE 2:	193.5	2.375	SAND: 98.1%	MEDIUM SAND: 21.0%		
MODE 3:	547.5	0.875	MUD: 1.9%	FINE SAND: 28.7%		
D_{10} :	98.75	0.217		V FINE SAND: 20.6%		
MEDIAN or D_{50} :	238.7	2.067	V COARSE GRAVEL: 0.0%	V COARSE SILT: 1.9%		
D_{90} :	860.5	3.340	COARSE GRAVEL: 0.0%	COARSE SILT: 0.0%		
(D_{90} / D_{10}) :	8.713	15.41	MEDIUM GRAVEL: 0.0%	MEDIUM SILT: 0.0%		
$(D_{90} - D_{10})$:	761.7	3.123	FINE GRAVEL: 0.0%	FINE SILT: 0.0%		
(D_{75} / D_{25}) :	4.039	3.226	V FINE GRAVEL: 0.0%	V FINE SILT: 0.0%		
$(D_{75} - D_{25})$:	401.9	2.014	V COARSE SAND: 5.7%	CLAY: 0.0%		
	METHOD OF MOMENTS			FOLK & WARD METHOD		
	Arithmetic	Geometric	Logarithmic	Geometric	Logarithmic	Description
	μm	μm	ϕ	μm	ϕ	
MEAN (\bar{x}):	368.0	262.7	1.928	263.5	1.924	Medium Sand
SORTING (σ):	306.7	2.283	1.191	2.311	1.209	Poorly Sorted
SKEWNESS (Sk):	1.244	0.123	-0.123	0.154	-0.154	Coarse Skewed
KURTOSIS (K):	3.701	2.066	2.066	0.753	0.753	Platykurtic

GRAIN SIZE DISTRIBUTION