

SIEVING ERROR: 1.5%

SAMPLE STATISTICSSAMPLE IDENTITY: **PEN-92-5_198**

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: 20.1%		
MODE 2:	193.5	2.375	SAND: 96.2%	MEDIUM SAND: 19.1%		
MODE 3:	273.5	1.876	MUD: 3.8%	FINE SAND: 29.4%		
D_{10} :	89.97	0.264		V FINE SAND: 22.5%		
MEDIAN or D_{50} :	204.8	2.288	V COARSE GRAVEL: 0.0%	V COARSE SILT: 3.7%		
D_{90} :	832.9	3.474	COARSE GRAVEL: 0.0%	COARSE SILT: 0.1%		
(D_{90} / D_{10}) :	9.257	13.17	MEDIUM GRAVEL: 0.0%	MEDIUM SILT: 0.0%		
$(D_{90} - D_{10})$:	742.9	3.210	FINE GRAVEL: 0.0%	FINE SILT: 0.0%		
(D_{75} / D_{25}) :	4.104	3.059	V FINE GRAVEL: 0.0%	V FINE SILT: 0.0%		
$(D_{75} - D_{25})$:	381.0	2.037	V COARSE SAND: 5.2%	CLAY: 0.0%		
	METHOD OF MOMENTS			FOLK & WARD METHOD		
	Arithmetic	Geometric	Logarithmic	Geometric	Logarithmic	Description
	μm	μm	ϕ	μm	ϕ	
MEAN (\bar{x}):	344.8	239.7	2.061	242.7	2.042	Fine Sand
SORTING (σ):	304.2	2.349	1.232	2.352	1.234	Poorly Sorted
SKEWNESS (Sk):	1.378	0.144	-0.144	0.238	-0.238	Coarse Skewed
KURTOSIS (K):	4.096	2.222	2.222	0.778	0.778	Platykurtic

GRAIN SIZE DISTRIBUTION