

SIEVING ERROR: 0.3%

SAMPLE STATISTICSSAMPLE IDENTITY: **PEN-92-3_75**

ANALYST & DATE: TB/RM, 8/23/92

SAMPLE TYPE: Bimodal, Moderately Well Sorted

TEXTURAL GROUP: Sand

SEDIMENT NAME: Moderately Well Sorted Fine Sand

	μm	ϕ	GRAIN SIZE DISTRIBUTION			
MODE 1:	273.5	1.876	GRAVEL: 0.0%	COARSE SAND: 1.0%		
MODE 2:	193.5	2.375	SAND: 99.9%	MEDIUM SAND: 36.6%		
MODE 3:			MUD: 0.1%	FINE SAND: 50.3%		
D_{10} :	119.6	1.579		V FINE SAND: 12.1%		
MEDIAN or D_{50} :	205.9	2.280	V COARSE GRAVEL: 0.0%	V COARSE SILT: 0.1%		
D_{90} :	334.7	3.064	COARSE GRAVEL: 0.0%	COARSE SILT: 0.0%		
(D_{90} / D_{10}) :	2.799	1.940	MEDIUM GRAVEL: 0.0%	MEDIUM SILT: 0.0%		
$(D_{90} - D_{10})$:	215.1	1.485	FINE GRAVEL: 0.0%	FINE SILT: 0.0%		
(D_{75} / D_{25}) :	1.825	1.468	V FINE GRAVEL: 0.0%	V FINE SILT: 0.0%		
$(D_{75} - D_{25})$:	124.9	0.868	V COARSE SAND: 0.0%	CLAY: 0.0%		
	METHOD OF MOMENTS			FOLK & WARD METHOD		
	Arithmetic	Geometric	Logarithmic	Geometric	Logarithmic	Description
	μm	μm	ϕ	μm	ϕ	
MEAN (\bar{x}):	223.1	205.1	2.285	200.7	2.317	Fine Sand
SORTING (σ):	92.54	1.495	0.580	1.485	0.571	Moderately Well Sorted
SKEWNESS (Sk):	1.379	-0.033	0.033	-0.051	0.051	Symmetrical
KURTOSIS (K):	7.739	2.790	2.790	0.871	0.871	Platykurtic

GRAIN SIZE DISTRIBUTION