

SIEVING ERROR: 0.2%

SAMPLE STATISTICSSAMPLE IDENTITY: **PEN-91-04_bottom**

ANALYST & DATE: SA/RM, 8/19/91

SAMPLE TYPE: Polymodal, Moderately Sorted

TEXTURAL GROUP: Sand

SEDIMENT NAME: Moderately Sorted Fine Sand

	μm	ϕ	GRAIN SIZE DISTRIBUTION			
MODE 1:	193.5	2.375	GRAVEL: 0.0%	COARSE SAND: 6.9%		
MODE 2:	137.0	2.873	SAND: 98.3%	MEDIUM SAND: 24.1%		
MODE 3:	273.5	1.876	MUD: 1.7%	FINE SAND: 49.0%		
D_{10} :	107.4	1.145		V FINE SAND: 18.3%		
MEDIAN or D_{50} :	183.2	2.448	V COARSE GRAVEL: 0.0%	V COARSE SILT: 1.7%		
D_{90} :	452.1	3.219	COARSE GRAVEL: 0.0%	COARSE SILT: 0.0%		
(D_{90} / D_{10}) :	4.210	2.811	MEDIUM GRAVEL: 0.0%	MEDIUM SILT: 0.0%		
$(D_{90} - D_{10})$:	344.7	2.074	FINE GRAVEL: 0.0%	FINE SILT: 0.0%		
(D_{75} / D_{25}) :	2.086	1.573	V FINE GRAVEL: 0.0%	V FINE SILT: 0.0%		
$(D_{75} - D_{25})$:	144.5	1.060	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}):	228.5	195.5	2.355	197.6	2.340	Fine Sand
SORTING (σ):	135.5	1.721	0.783	1.730	0.790	Moderately Sorted
SKEWNESS (Sk):	1.371	0.231	-0.231	0.201	-0.201	Coarse Skewed
KURTOSIS (K):	4.296	2.769	2.769	0.992	0.992	Mesokurtic

GRAIN SIZE DISTRIBUTION