

SIEVING ERROR: 1.2%

SAMPLE STATISTICSSAMPLE IDENTITY: **PEN-91-02_350**

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

SAMPLE TYPE: Trimodal, Moderately Sorted

TEXTURAL GROUP: Sand

SEDIMENT NAME: Moderately Sorted Fine Sand

	μm	ϕ	GRAIN SIZE DISTRIBUTION			
MODE 1:	273.5	1.876	GRAVEL: 0.0%	COARSE SAND: 19.9%		
MODE 2:	193.5	2.375	SAND: 98.5%	MEDIUM SAND: 32.9%		
MODE 3:	547.5	0.875	MUD: 1.5%	FINE SAND: 36.7%		
D_{10} :	138.9	0.396		V FINE SAND: 4.6%		
MEDIAN or D_{50} :	274.7	1.864	V COARSE GRAVEL: 0.0%	V COARSE SILT: 1.5%		
D_{90} :	759.8	2.848	COARSE GRAVEL: 0.0%	COARSE SILT: 0.0%		
(D_{90} / D_{10}) :	5.470	7.187	MEDIUM GRAVEL: 0.0%	MEDIUM SILT: 0.0%		
$(D_{90} - D_{10})$:	620.9	2.452	FINE GRAVEL: 0.0%	FINE SILT: 0.0%		
(D_{75} / D_{25}) :	2.694	2.401	V FINE GRAVEL: 0.0%	V FINE SILT: 0.0%		
$(D_{75} - D_{25})$:	310.0	1.430	V COARSE SAND: 4.5%	CLAY: 0.0%		
	METHOD OF MOMENTS			FOLK & WARD METHOD		
	Arithmetic	Geometric	Logarithmic	Geometric	Logarithmic	Description
	μm	μm	ϕ	μm	ϕ	
MEAN (\bar{x}):	373.7	296.8	1.752	295.9	1.757	Medium Sand
SORTING (σ):	269.3	1.962	0.973	1.919	0.941	Moderately Sorted
SKEWNESS (Sk):	1.527	0.020	-0.020	0.183	-0.183	Coarse Skewed
KURTOSIS (K):	5.010	3.042	3.042	0.873	0.873	Platykurtic

GRAIN SIZE DISTRIBUTION