

SIEVING ERROR: 0.3%

SAMPLE STATISTICSSAMPLE IDENTITY: **PEN-92-6_150**

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

SAMPLE TYPE: Trimodal, Moderately Well Sorted

TEXTURAL GROUP: Sand

SEDIMENT NAME: Moderately Well Sorted Medium Sand

	μm	ϕ	GRAIN SIZE DISTRIBUTION			
MODE 1:	273.5	1.876	GRAVEL: 0.0%	COARSE SAND: 11.2%		
MODE 2:	460.0	1.126	SAND: 100.0%	MEDIUM SAND: 58.9%		
MODE 3:	193.5	2.375	MUD: 0.0%	FINE SAND: 27.0%		
D_{10} :	159.8	0.949		V FINE SAND: 2.3%		
MEDIAN or D_{50} :	309.8	1.691	V COARSE GRAVEL: 0.0%	V COARSE SILT: 0.0%		
D_{90} :	518.0	2.646	COARSE GRAVEL: 0.0%	COARSE SILT: 0.0%		
(D_{90} / D_{10}) :	3.241	2.788	MEDIUM GRAVEL: 0.0%	MEDIUM SILT: 0.0%		
$(D_{90} - D_{10})$:	358.2	1.697	FINE GRAVEL: 0.0%	FINE SILT: 0.0%		
(D_{75} / D_{25}) :	1.931	1.772	V FINE GRAVEL: 0.0%	V FINE SILT: 0.0%		
$(D_{75} - D_{25})$:	205.6	0.949	V COARSE SAND: 0.5%	CLAY: 0.0%		
	METHOD OF MOMENTS			FOLK & WARD METHOD		
	Arithmetic	Geometric	Logarithmic	Geometric	Logarithmic	Description
	μm	μm	ϕ	μm	ϕ	
MEAN (\bar{x}):	334.4	302.4	1.725	299.9	1.738	Medium Sand
SORTING (σ):	150.1	1.562	0.643	1.575	0.656	Moderately Well Sorted
SKEWNESS (Sk):	1.291	-0.154	0.154	-0.119	0.119	Fine Skewed
KURTOSIS (K):	6.598	2.696	2.696	0.889	0.889	Platykurtic

GRAIN SIZE DISTRIBUTION