

SIEVING ERROR: 0.3%

SAMPLE STATISTICSSAMPLE IDENTITY: **PEN-93-1_200**

ANALYST & DATE: TB/RM, 7/29/1993

SAMPLE TYPE: Trimodal, Moderately Sorted

TEXTURAL GROUP: Sand

SEDIMENT NAME: Moderately Sorted Medium Sand

	μm	ϕ	GRAIN SIZE DISTRIBUTION			
MODE 1:	273.5	1.876	GRAVEL: 0.0%	COARSE SAND: 10.5%		
MODE 2:	193.5	2.375	SAND: 99.7%	MEDIUM SAND: 43.2%		
MODE 3:	460.0	1.126	MUD: 0.3%	FINE SAND: 39.1%		
D_{10} :	133.6	0.974		V FINE SAND: 6.7%		
MEDIAN or D_{50} :	259.9	1.944	V COARSE GRAVEL: 0.0%	V COARSE SILT: 0.3%		
D_{90} :	509.2	2.904	COARSE GRAVEL: 0.0%	COARSE SILT: 0.0%		
(D_{90} / D_{10}) :	3.811	2.982	MEDIUM GRAVEL: 0.0%	MEDIUM SILT: 0.0%		
$(D_{90} - D_{10})$:	375.6	1.930	FINE GRAVEL: 0.0%	FINE SILT: 0.0%		
(D_{75} / D_{25}) :	2.095	1.745	V FINE GRAVEL: 0.0%	V FINE SILT: 0.0%		
$(D_{75} - D_{25})$:	193.6	1.067	V COARSE SAND: 0.2%	CLAY: 0.0%		
	METHOD OF MOMENTS			FOLK & WARD METHOD		
	Arithmetic	Geometric	Logarithmic	Geometric	Logarithmic	Description
	μm	μm	ϕ	μm	ϕ	
MEAN (\bar{x}):	293.1	256.6	1.962	260.9	1.939	Medium Sand
SORTING (σ):	156.3	1.663	0.734	1.675	0.744	Moderately Sorted
SKEWNESS (Sk):	1.376	0.034	-0.034	0.005	-0.005	Symmetrical
KURTOSIS (K):	5.562	2.758	2.758	0.892	0.892	Platykurtic

GRAIN SIZE DISTRIBUTION