

SIEVING ERROR: 0.3%

SAMPLE STATISTICSSAMPLE IDENTITY: **PEN-93-1_250**

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

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: 6.9%		
MODE 2:	193.5	2.375	SAND: 99.8%	MEDIUM SAND: 37.8%		
MODE 3:	460.0	1.126	MUD: 0.2%	FINE SAND: 46.6%		
D_{10} :	128.4	1.120		V FINE SAND: 8.3%		
MEDIAN or D_{50} :	225.1	2.151	V COARSE GRAVEL: 0.0%	V COARSE SILT: 0.2%		
D_{90} :	460.0	2.962	COARSE GRAVEL: 0.0%	COARSE SILT: 0.0%		
(D_{90} / D_{10}) :	3.584	2.644	MEDIUM GRAVEL: 0.0%	MEDIUM SILT: 0.0%		
$(D_{90} - D_{10})$:	331.6	1.841	FINE GRAVEL: 0.0%	FINE SILT: 0.0%		
(D_{75} / D_{25}) :	1.912	1.555	V FINE GRAVEL: 0.0%	V FINE SILT: 0.0%		
$(D_{75} - D_{25})$:	148.4	0.935	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}):	262.7	231.9	2.108	231.4	2.112	Fine Sand
SORTING (σ):	141.2	1.620	0.696	1.628	0.703	Moderately Sorted
SKEWNESS (Sk):	1.725	0.267	-0.267	0.102	-0.102	Coarse Skewed
KURTOSIS (K):	7.283	2.909	2.909	0.994	0.994	Mesokurtic

GRAIN SIZE DISTRIBUTION