

SIEVING ERROR: 0.4%

SAMPLE STATISTICSSAMPLE IDENTITY: **PEN-93-1_225**

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: 6.6%		
MODE 2:	193.5	2.375	SAND: 99.7%	MEDIUM SAND: 36.4%		
MODE 3:	460.0	1.126	MUD: 0.3%	FINE SAND: 47.0%		
D_{10} :	125.3	1.136		V FINE SAND: 9.6%		
MEDIAN or D_{50} :	216.0	2.211	V COARSE GRAVEL: 0.0%	V COARSE SILT: 0.3%		
D_{90} :	454.9	2.997	COARSE GRAVEL: 0.0%	COARSE SILT: 0.0%		
(D_{90} / D_{10}) :	3.631	2.637	MEDIUM GRAVEL: 0.0%	MEDIUM SILT: 0.0%		
$(D_{90} - D_{10})$:	329.6	1.860	FINE GRAVEL: 0.0%	FINE SILT: 0.0%		
(D_{75} / D_{25}) :	1.933	1.558	V FINE GRAVEL: 0.0%	V FINE SILT: 0.0%		
$(D_{75} - D_{25})$:	148.2	0.951	V COARSE SAND: 0.1%	CLAY: 0.0%		
	METHOD OF MOMENTS			FOLK & WARD METHOD		
	Arithmetic	Geometric	Logarithmic	Geometric	Logarithmic	Description
	μm	μm	ϕ	μm	ϕ	
MEAN (\bar{x}):	258.2	227.2	2.138	225.5	2.149	Fine Sand
SORTING (σ):	140.4	1.631	0.706	1.637	0.711	Moderately Sorted
SKEWNESS (Sk):	1.689	0.260	-0.260	0.139	-0.139	Coarse Skewed
KURTOSIS (K):	6.986	2.876	2.876	0.986	0.986	Mesokurtic

GRAIN SIZE DISTRIBUTION