

SIEVING ERROR: 0.1%

SAMPLE STATISTICSSAMPLE IDENTITY: **PEN-93-1_350**

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: 12.4%		
MODE 2:	193.5	2.375	SAND: 99.9%	MEDIUM SAND: 44.4%		
MODE 3:	460.0	1.126	MUD: 0.1%	FINE SAND: 37.2%		
D_{10} :	139.7	0.916		V FINE SAND: 5.8%		
MEDIAN or D_{50} :	267.4	1.903	V COARSE GRAVEL: 0.0%	V COARSE SILT: 0.1%		
D_{90} :	530.0	2.839	COARSE GRAVEL: 0.0%	COARSE SILT: 0.0%		
(D_{90} / D_{10}) :	3.792	3.099	MEDIUM GRAVEL: 0.0%	MEDIUM SILT: 0.0%		
$(D_{90} - D_{10})$:	390.2	1.923	FINE GRAVEL: 0.0%	FINE SILT: 0.0%		
(D_{75} / D_{25}) :	2.132	1.804	V FINE GRAVEL: 0.0%	V FINE SILT: 0.0%		
$(D_{75} - D_{25})$:	207.0	1.092	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}):	304.3	267.2	1.904	270.8	1.884	Medium Sand
SORTING (σ):	159.6	1.652	0.724	1.669	0.739	Moderately Sorted
SKEWNESS (Sk):	1.262	0.088	-0.088	0.019	-0.019	Symmetrical
KURTOSIS (K):	4.872	2.494	2.494	0.862	0.862	Platykurtic

GRAIN SIZE DISTRIBUTION