

SIEVING ERROR: 0.4%

SAMPLE STATISTICSSAMPLE IDENTITY: **PEN-93-6_10**

ANALYST & DATE: TB/RM, 7/31/1993

SAMPLE TYPE: Trimodal, Moderately Sorted

TEXTURAL GROUP: Sand

SEDIMENT NAME: Moderately Sorted Very Fine Sand

	μm	ϕ	GRAIN SIZE DISTRIBUTION			
MODE 1:	115.0	3.126	GRAVEL: 0.0%	COARSE SAND: 0.8%		
MODE 2:	81.00	3.631	SAND: 98.6%	MEDIUM SAND: 13.4%		
MODE 3:	273.5	1.876	MUD: 1.4%	FINE SAND: 42.1%		
D_{10} :	76.05	1.856		V FINE SAND: 42.3%		
MEDIAN or D_{50} :	136.3	2.875	V COARSE GRAVEL: 0.0%	V COARSE SILT: 1.4%		
D_{90} :	276.3	3.717	COARSE GRAVEL: 0.0%	COARSE SILT: 0.0%		
(D_{90} / D_{10}) :	3.632	2.003	MEDIUM GRAVEL: 0.0%	MEDIUM SILT: 0.0%		
$(D_{90} - D_{10})$:	200.2	1.861	FINE GRAVEL: 0.0%	FINE SILT: 0.0%		
(D_{75} / D_{25}) :	1.987	1.421	V FINE GRAVEL: 0.0%	V FINE SILT: 0.0%		
$(D_{75} - D_{25})$:	97.05	0.991	V COARSE SAND: 0.0%	CLAY: 0.0%		
	METHOD OF MOMENTS			FOLK & WARD METHOD		
	Arithmetic	Geometric	Logarithmic	Geometric	Logarithmic	Description
	μm	μm	ϕ	μm	ϕ	
MEAN (\bar{x}):	161.1	141.7	2.819	139.6	2.841	Fine Sand
SORTING (σ):	89.64	1.623	0.699	1.646	0.719	Moderately Sorted
SKEWNESS (Sk):	1.981	0.416	-0.416	0.098	-0.098	Symmetrical
KURTOSIS (K):	9.511	2.758	2.758	0.942	0.942	Mesokurtic

GRAIN SIZE DISTRIBUTION