

SIEVING ERROR: 0.7%

SAMPLE STATISTICSSAMPLE IDENTITY: **PEN-93-6_25**

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

SAMPLE TYPE: Polymodal, Moderately Sorted

TEXTURAL GROUP: Sand

SEDIMENT NAME: Moderately Sorted Fine Sand

	μm	ϕ	GRAIN SIZE DISTRIBUTION			
MODE 1:	193.5	2.375	GRAVEL: 0.0%	COARSE SAND: 3.2%		
MODE 2:	115.0	3.126	SAND: 98.7%	MEDIUM SAND: 21.3%		
MODE 3:	273.5	1.876	MUD: 1.3%	FINE SAND: 42.5%		
D_{10} :	80.33	1.541		V FINE SAND: 31.7%		
MEDIAN or D_{50} :	162.3	2.623	V COARSE GRAVEL: 0.0%	V COARSE SILT: 1.3%		
D_{90} :	343.8	3.638	COARSE GRAVEL: 0.0%	COARSE SILT: 0.0%		
(D_{90} / D_{10}) :	4.280	2.362	MEDIUM GRAVEL: 0.0%	MEDIUM SILT: 0.0%		
$(D_{90} - D_{10})$:	263.4	2.097	FINE GRAVEL: 0.0%	FINE SILT: 0.0%		
(D_{75} / D_{25}) :	2.217	1.569	V FINE GRAVEL: 0.0%	V FINE SILT: 0.0%		
$(D_{75} - D_{25})$:	135.6	1.148	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}):	195.6	166.4	2.587	163.1	2.616	Fine Sand
SORTING (σ):	122.5	1.730	0.791	1.755	0.812	Moderately Sorted
SKEWNESS (Sk):	1.977	0.322	-0.322	0.056	-0.056	Symmetrical
KURTOSIS (K):	8.665	2.686	2.686	0.955	0.955	Mesokurtic

GRAIN SIZE DISTRIBUTION