

SIEVING ERROR: 0.4%

SAMPLE STATISTICSSAMPLE IDENTITY: **PEN-93-2_300**

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

SAMPLE TYPE: Polymodal, Poorly Sorted

TEXTURAL GROUP: Slightly Gravelly Sand

SEDIMENT NAME: Slightly Very Fine Gravelly Fine Sand

	μm	ϕ	GRAIN SIZE DISTRIBUTION			
MODE 1:	273.5	1.876	GRAVEL: 1.5%	COARSE SAND: 24.9%		
MODE 2:	193.5	2.375	SAND: 98.3%	MEDIUM SAND: 28.1%		
MODE 3:	547.5	0.875	MUD: 0.2%	FINE SAND: 30.6%		
D_{10} :	163.0	-0.244		V FINE SAND: 2.4%		
MEDIAN or D_{50} :	334.8	1.579	V COARSE GRAVEL: 0.0%	V COARSE SILT: 0.2%		
D_{90} :	1184.2	2.617	COARSE GRAVEL: 0.0%	COARSE SILT: 0.0%		
(D_{90} / D_{10}) :	7.267	-10.734	MEDIUM GRAVEL: 0.0%	MEDIUM SILT: 0.0%		
$(D_{90} - D_{10})$:	1021.2	2.861	FINE GRAVEL: 0.0%	FINE SILT: 0.0%		
(D_{75} / D_{25}) :	3.378	4.461	V FINE GRAVEL: 1.5%	V FINE SILT: 0.0%		
$(D_{75} - D_{25})$:	495.2	1.756	V COARSE SAND: 12.3%	CLAY: 0.0%		
	METHOD OF MOMENTS			FOLK & WARD METHOD		
	Arithmetic	Geometric	Logarithmic	Geometric	Logarithmic	Description
	μm	μm	ϕ	μm	ϕ	
MEAN (\bar{x}):	535.3	394.1	1.343	386.2	1.372	Medium Sand
SORTING (σ):	459.4	2.140	1.097	2.157	1.109	Poorly Sorted
SKEWNESS (Sk):	1.781	0.360	-0.360	0.265	-0.265	Coarse Skewed
KURTOSIS (K):	6.368	2.250	2.250	0.803	0.803	Platykurtic

GRAIN SIZE DISTRIBUTION