

SIEVING ERROR: 0.3%

SAMPLE STATISTICSSAMPLE IDENTITY: **PEN-93-2_350**

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

SAMPLE TYPE: Polymodal, Poorly Sorted

TEXTURAL GROUP: Gravelly Sand

SEDIMENT NAME: Very Fine Gravelly Fine Sand

	μm	ϕ	GRAIN SIZE DISTRIBUTION			
MODE 1:	193.5	2.375	GRAVEL: 7.9%	COARSE SAND: 18.6%		
MODE 2:	273.5	1.876	SAND: 91.9%	MEDIUM SAND: 23.9%		
MODE 3:	547.5	0.875	MUD: 0.2%	FINE SAND: 34.6%		
D_{10} :	155.8	-0.753		V FINE SAND: 3.0%		
MEDIAN or D_{50} :	296.7	1.753	V COARSE GRAVEL: 0.0%	V COARSE SILT: 0.2%		
D_{90} :	1685.1	2.682	COARSE GRAVEL: 0.0%	COARSE SILT: 0.0%		
(D_{90} / D_{10}) :	10.81	-3.562	MEDIUM GRAVEL: 0.0%	MEDIUM SILT: 0.0%		
$(D_{90} - D_{10})$:	1529.3	3.435	FINE GRAVEL: 0.0%	FINE SILT: 0.0%		
(D_{75} / D_{25}) :	4.077	7.512	V FINE GRAVEL: 7.9%	V FINE SILT: 0.0%		
$(D_{75} - D_{25})$:	608.2	2.028	V COARSE SAND: 11.8%	CLAY: 0.0%		
	METHOD OF MOMENTS			FOLK & WARD METHOD		
	Arithmetic	Geometric	Logarithmic	Geometric	Logarithmic	Description
	μm	μm	ϕ	μm	ϕ	
MEAN (\bar{x}):	650.0	412.5	1.277	404.1	1.307	Medium Sand
SORTING (σ):	698.0	2.481	1.311	2.540	1.345	Poorly Sorted
SKEWNESS (Sk):	1.785	0.576	-0.576	0.461	-0.461	Very Coarse Skewed
KURTOSIS (K):	5.356	2.261	2.261	0.846	0.846	Platykurtic

GRAIN SIZE DISTRIBUTION