

SIEVING ERROR: 0.5%

SAMPLE STATISTICSSAMPLE IDENTITY: **PEN-93-2_325**

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

SAMPLE TYPE: Polymodal, Poorly Sorted

TEXTURAL GROUP: Slightly Gravelly Sand

SEDIMENT NAME: Slightly Very Fine Gravelly Coarse Sand

	μm	ϕ	GRAIN SIZE DISTRIBUTION			
MODE 1:	273.5	1.876	GRAVEL: 4.6%	COARSE SAND: 28.7%		
MODE 2:	193.5	2.375	SAND: 95.2%	MEDIUM SAND: 27.7%		
MODE 3:	547.5	0.875	MUD: 0.1%	FINE SAND: 26.1%		
D_{10} :	176.4	-0.521		V FINE SAND: 1.5%		
MEDIAN or D_{50} :	424.2	1.237	V COARSE GRAVEL: 0.0%	V COARSE SILT: 0.1%		
D_{90} :	1435.2	2.503	COARSE GRAVEL: 0.0%	COARSE SILT: 0.0%		
(D_{90} / D_{10}) :	8.136	-4.802	MEDIUM GRAVEL: 0.0%	MEDIUM SILT: 0.0%		
$(D_{90} - D_{10})$:	1258.8	3.024	FINE GRAVEL: 0.0%	FINE SILT: 0.0%		
(D_{75} / D_{25}) :	3.362	5.957	V FINE GRAVEL: 4.6%	V FINE SILT: 0.0%		
$(D_{75} - D_{25})$:	550.1	1.749	V COARSE SAND: 11.3%	CLAY: 0.0%		
	METHOD OF MOMENTS			FOLK & WARD METHOD		
	Arithmetic	Geometric	Logarithmic	Geometric	Logarithmic	Description
	μm	μm	ϕ	μm	ϕ	
MEAN (\bar{x}):	620.9	444.8	1.169	434.8	1.202	Medium Sand
SORTING (σ):	567.2	2.207	1.142	2.215	1.147	Poorly Sorted
SKEWNESS (Sk):	1.915	0.373	-0.373	0.118	-0.118	Coarse Skewed
KURTOSIS (K):	6.604	2.339	2.339	0.862	0.862	Platykurtic

GRAIN SIZE DISTRIBUTION