

SIEVING ERROR: 0.2%

SAMPLE STATISTICSSAMPLE IDENTITY: **PEN-93-3_50**

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

SAMPLE TYPE: Bimodal, Moderately Well Sorted

TEXTURAL GROUP: Sand

SEDIMENT NAME: Moderately Well Sorted Medium Sand

	μm	ϕ	GRAIN SIZE DISTRIBUTION			
MODE 1:	460.0	1.126	GRAVEL: 0.0%	COARSE SAND: 24.0%		
MODE 2:	273.5	1.876	SAND: 99.9%	MEDIUM SAND: 67.6%		
MODE 3:			MUD: 0.1%	FINE SAND: 7.6%		
D_{10} :	254.4	0.783		V FINE SAND: 0.7%		
MEDIAN or D_{50} :	396.9	1.333	V COARSE GRAVEL: 0.0%	V COARSE SILT: 0.1%		
D_{90} :	581.2	1.975	COARSE GRAVEL: 0.0%	COARSE SILT: 0.0%		
(D_{90} / D_{10}) :	2.285	2.523	MEDIUM GRAVEL: 0.0%	MEDIUM SILT: 0.0%		
$(D_{90} - D_{10})$:	326.8	1.192	FINE GRAVEL: 0.0%	FINE SILT: 0.0%		
(D_{75} / D_{25}) :	1.647	1.711	V FINE GRAVEL: 0.0%	V FINE SILT: 0.0%		
$(D_{75} - D_{25})$:	194.7	0.720	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}):	409.6	383.9	1.381	388.9	1.362	Medium Sand
SORTING (σ):	139.3	1.436	0.522	1.416	0.502	Moderately Well Sorted
SKEWNESS (Sk):	0.620	-0.680	0.680	-0.109	0.109	Fine Skewed
KURTOSIS (K):	3.762	4.670	4.670	0.944	0.944	Mesokurtic

GRAIN SIZE DISTRIBUTION