

SIEVING ERROR: 0.2%

SAMPLE STATISTICSSAMPLE IDENTITY: **PEN-93-3_25**

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: 24.7%		
MODE 2:	325.5	1.625	SAND: 99.8%	MEDIUM SAND: 64.8%		
MODE 3:			MUD: 0.2%	FINE SAND: 9.3%		
D_{10} :	246.9	0.771		V FINE SAND: 0.8%		
MEDIAN or D_{50} :	391.8	1.352	V COARSE GRAVEL: 0.0%	V COARSE SILT: 0.2%		
D_{90} :	586.2	2.018	COARSE GRAVEL: 0.0%	COARSE SILT: 0.0%		
(D_{90} / D_{10}) :	2.374	2.619	MEDIUM GRAVEL: 0.0%	MEDIUM SILT: 0.0%		
$(D_{90} - D_{10})$:	339.3	1.247	FINE GRAVEL: 0.0%	FINE SILT: 0.0%		
(D_{75} / D_{25}) :	1.681	1.749	V FINE GRAVEL: 0.0%	V FINE SILT: 0.0%		
$(D_{75} - D_{25})$:	202.4	0.749	V COARSE SAND: 0.2%	CLAY: 0.0%		
	METHOD OF MOMENTS			FOLK & WARD METHOD		
	Arithmetic	Geometric	Logarithmic	Geometric	Logarithmic	Description
	μm	μm	ϕ	μm	ϕ	
MEAN (\bar{x}):	408.3	380.0	1.396	386.2	1.373	Medium Sand
SORTING (σ):	147.0	1.465	0.551	1.442	0.528	Moderately Well Sorted
SKEWNESS (Sk):	0.727	-0.653	0.653	-0.100	0.100	Symmetrical
KURTOSIS (K):	4.222	4.460	4.460	0.967	0.967	Mesokurtic

GRAIN SIZE DISTRIBUTION