

SIEVING ERROR: 0.3%

SAMPLE STATISTICSSAMPLE IDENTITY: **PEN-93-1_75**

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

SAMPLE TYPE: Bimodal, Moderately Well Sorted

TEXTURAL GROUP: Sand

SEDIMENT NAME: Moderately Well Sorted Fine Sand

	μm	ϕ	GRAIN SIZE DISTRIBUTION			
MODE 1:	273.5	1.876	GRAVEL: 0.0%	COARSE SAND: 4.6%		
MODE 2:	193.5	2.375	SAND: 99.8%	MEDIUM SAND: 39.8%		
MODE 3:			MUD: 0.2%	FINE SAND: 48.9%		
D_{10} :	133.6	1.246		V FINE SAND: 6.5%		
MEDIAN or D_{50} :	223.2	2.164	V COARSE GRAVEL: 0.0%	V COARSE SILT: 0.2%		
D_{90} :	421.6	2.904	COARSE GRAVEL: 0.0%	COARSE SILT: 0.0%		
(D_{90} / D_{10}) :	3.156	2.330	MEDIUM GRAVEL: 0.0%	MEDIUM SILT: 0.0%		
$(D_{90} - D_{10})$:	288.0	1.658	FINE GRAVEL: 0.0%	FINE SILT: 0.0%		
(D_{75} / D_{25}) :	1.744	1.456	V FINE GRAVEL: 0.0%	V FINE SILT: 0.0%		
$(D_{75} - D_{25})$:	126.0	0.802	V COARSE SAND: 0.1%	CLAY: 0.0%		
	METHOD OF MOMENTS			FOLK & WARD METHOD		
	Arithmetic	Geometric	Logarithmic	Geometric	Logarithmic	Description
	μm	μm	ϕ	μm	ϕ	
MEAN (\bar{x}):	254.8	229.8	2.121	227.9	2.133	Fine Sand
SORTING (σ):	124.0	1.550	0.632	1.540	0.623	Moderately Well Sorted
SKEWNESS (Sk):	1.803	0.233	-0.233	0.091	-0.091	Symmetrical
KURTOSIS (K):	8.394	3.183	3.183	1.059	1.059	Mesokurtic

GRAIN SIZE DISTRIBUTION