

SIEVING ERROR: 0.3%

SAMPLE STATISTICSSAMPLE IDENTITY: **PEN-93-1_125**

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: 5.3%		
MODE 2:	193.5	2.375	SAND: 99.9%	MEDIUM SAND: 41.5%		
MODE 3:			MUD: 0.1%	FINE SAND: 46.8%		
D_{10} :	135.1	1.195		V FINE SAND: 6.2%		
MEDIAN or D_{50} :	234.2	2.094	V COARSE GRAVEL: 0.0%	V COARSE SILT: 0.1%		
D_{90} :	436.7	2.888	COARSE GRAVEL: 0.0%	COARSE SILT: 0.0%		
(D_{90} / D_{10}) :	3.232	2.416	MEDIUM GRAVEL: 0.0%	MEDIUM SILT: 0.0%		
$(D_{90} - D_{10})$:	301.6	1.693	FINE GRAVEL: 0.0%	FINE SILT: 0.0%		
(D_{75} / D_{25}) :	1.764	1.479	V FINE GRAVEL: 0.0%	V FINE SILT: 0.0%		
$(D_{75} - D_{25})$:	132.5	0.819	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}):	261.7	235.6	2.085	235.9	2.084	Fine Sand
SORTING (σ):	127.6	1.556	0.638	1.557	0.638	Moderately Well Sorted
SKEWNESS (Sk):	1.704	0.241	-0.241	0.047	-0.047	Symmetrical
KURTOSIS (K):	7.622	2.989	2.989	1.052	1.052	Mesokurtic

GRAIN SIZE DISTRIBUTION