

SIEVING ERROR: 0.2%

SAMPLE STATISTICSSAMPLE IDENTITY: **PEN-93-1_100**

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: 5.4%		
MODE 2:	193.5	2.375	SAND: 99.9%	MEDIUM SAND: 43.8%		
MODE 3:			MUD: 0.1%	FINE SAND: 45.8%		
D_{10} :	141.4	1.177		V FINE SAND: 4.8%		
MEDIAN or D_{50} :	245.9	2.024	V COARSE GRAVEL: 0.0%	V COARSE SILT: 0.1%		
D_{90} :	442.3	2.823	COARSE GRAVEL: 0.0%	COARSE SILT: 0.0%		
(D_{90} / D_{10}) :	3.129	2.398	MEDIUM GRAVEL: 0.0%	MEDIUM SILT: 0.0%		
$(D_{90} - D_{10})$:	300.9	1.646	FINE GRAVEL: 0.0%	FINE SILT: 0.0%		
(D_{75} / D_{25}) :	1.744	1.478	V FINE GRAVEL: 0.0%	V FINE SILT: 0.0%		
$(D_{75} - D_{25})$:	133.3	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}):	266.0	241.1	2.052	244.7	2.031	Fine Sand
SORTING (σ):	123.6	1.537	0.620	1.538	0.621	Moderately Well Sorted
SKEWNESS (Sk):	1.508	0.174	-0.174	0.011	-0.011	Symmetrical
KURTOSIS (K):	6.538	2.994	2.994	1.036	1.036	Mesokurtic

GRAIN SIZE DISTRIBUTION