

SIEVING ERROR: 0.3%

SAMPLE STATISTICSSAMPLE IDENTITY: **PEN-93-2_25**

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: 5.7%		
MODE 2:	193.5	2.375	SAND: 99.5%	MEDIUM SAND: 39.9%		
MODE 3:			MUD: 0.5%	FINE SAND: 50.3%		
D_{10} :	150.2	1.202		V FINE SAND: 3.4%		
MEDIAN or D_{50} :	236.5	2.080	V COARSE GRAVEL: 0.0%	V COARSE SILT: 0.5%		
D_{90} :	434.5	2.735	COARSE GRAVEL: 0.0%	COARSE SILT: 0.0%		
(D_{90} / D_{10}) :	2.892	2.274	MEDIUM GRAVEL: 0.0%	MEDIUM SILT: 0.0%		
$(D_{90} - D_{10})$:	284.3	1.532	FINE GRAVEL: 0.0%	FINE SILT: 0.0%		
(D_{75} / D_{25}) :	1.601	1.385	V FINE GRAVEL: 0.0%	V FINE SILT: 0.0%		
$(D_{75} - D_{25})$:	110.6	0.679	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}):	265.1	240.7	2.054	240.3	2.057	Fine Sand
SORTING (σ):	127.0	1.523	0.607	1.495	0.580	Moderately Well Sorted
SKEWNESS (Sk):	2.067	0.252	-0.252	0.098	-0.098	Symmetrical
KURTOSIS (K):	9.881	3.910	3.910	1.214	1.214	Leptokurtic

GRAIN SIZE DISTRIBUTION