

SIEVING ERROR: 0.3%

SAMPLE STATISTICSSAMPLE IDENTITY: **PEN-92-2_325**

ANALYST & DATE: TB/RM, 8/23/92

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: 4.0%		
MODE 2:	193.5	2.375	SAND: 99.9%	MEDIUM SAND: 42.8%		
MODE 3:			MUD: 0.1%	FINE SAND: 50.3%		
D_{10} :	151.3	1.316		V FINE SAND: 2.9%		
MEDIAN or D_{50} :	238.7	2.066	V COARSE GRAVEL: 0.0%	V COARSE SILT: 0.1%		
D_{90} :	401.6	2.724	COARSE GRAVEL: 0.0%	COARSE SILT: 0.0%		
(D_{90} / D_{10}) :	2.654	2.070	MEDIUM GRAVEL: 0.0%	MEDIUM SILT: 0.0%		
$(D_{90} - D_{10})$:	250.3	1.408	FINE GRAVEL: 0.0%	FINE SILT: 0.0%		
(D_{75} / D_{25}) :	1.588	1.376	V FINE GRAVEL: 0.0%	V FINE SILT: 0.0%		
$(D_{75} - D_{25})$:	108.4	0.667	V COARSE SAND: 0.0%	CLAY: 0.0%		
	METHOD OF MOMENTS			FOLK & WARD METHOD		
	Arithmetic	Geometric	Logarithmic	Geometric	Logarithmic	Description
	μm	μm	ϕ	μm	ϕ	
MEAN (\bar{x}):	258.2	238.8	2.066	237.9	2.072	Fine Sand
SORTING (σ):	108.0	1.460	0.546	1.454	0.540	Moderately Well Sorted
SKEWNESS (Sk):	1.640	0.291	-0.291	0.036	-0.036	Symmetrical
KURTOSIS (K):	7.013	3.351	3.351	1.141	1.141	Leptokurtic

GRAIN SIZE DISTRIBUTION