

SIEVING ERROR: 0.4%

SAMPLE STATISTICSSAMPLE IDENTITY: **PEN-92-1_200**

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

SAMPLE TYPE: Trimodal, Moderately Well Sorted

TEXTURAL GROUP: Sand

SEDIMENT NAME: Moderately Well Sorted Fine Sand

	μm	ϕ	GRAIN SIZE DISTRIBUTION			
MODE 1:	193.5	2.375	GRAVEL: 0.0%	COARSE SAND: 7.0%		
MODE 2:	273.5	1.876	SAND: 99.6%	MEDIUM SAND: 37.1%		
MODE 3:	460.0	1.126	MUD: 0.4%	FINE SAND: 50.2%		
D_{10} :	137.8	1.141		V FINE SAND: 5.4%		
MEDIAN or D_{50} :	229.3	2.125	V COARSE GRAVEL: 0.0%	V COARSE SILT: 0.4%		
D_{90} :	453.4	2.860	COARSE GRAVEL: 0.0%	COARSE SILT: 0.0%		
(D_{90} / D_{10}) :	3.291	2.506	MEDIUM GRAVEL: 0.0%	MEDIUM SILT: 0.0%		
$(D_{90} - D_{10})$:	315.6	1.718	FINE GRAVEL: 0.0%	FINE SILT: 0.0%		
(D_{75} / D_{25}) :	1.707	1.445	V FINE GRAVEL: 0.0%	V FINE SILT: 0.0%		
$(D_{75} - D_{25})$:	124.6	0.772	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}):	263.0	236.3	2.081	236.5	2.080	Fine Sand
SORTING (σ):	128.9	1.565	0.646	1.565	0.646	Moderately Well Sorted
SKEWNESS (Sk):	1.469	0.222	-0.222	0.125	-0.125	Coarse Skewed
KURTOSIS (K):	5.255	3.108	3.108	1.151	1.151	Leptokurtic

GRAIN SIZE DISTRIBUTION