

SIEVING ERROR: 0.6%

SAMPLE STATISTICSSAMPLE IDENTITY: **PEN-92-4_200**

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

SAMPLE TYPE: Trimodal, Moderately Well Sorted

TEXTURAL GROUP: Sand

SEDIMENT NAME: Moderately Well Sorted Medium Sand

	μm	ϕ	GRAIN SIZE DISTRIBUTION			
MODE 1:	273.5	1.876	GRAVEL: 0.0%	COARSE SAND: 9.4%		
MODE 2:	193.5	2.375	SAND: 99.9%	MEDIUM SAND: 59.8%		
MODE 3:	460.0	1.126	MUD: 0.1%	FINE SAND: 28.8%		
D_{10} :	174.1	1.012		V FINE SAND: 1.8%		
MEDIAN or D_{50} :	283.8	1.817	V COARSE GRAVEL: 0.0%	V COARSE SILT: 0.1%		
D_{90} :	495.8	2.522	COARSE GRAVEL: 0.0%	COARSE SILT: 0.0%		
(D_{90} / D_{10}) :	2.848	2.492	MEDIUM GRAVEL: 0.0%	MEDIUM SILT: 0.0%		
$(D_{90} - D_{10})$:	321.7	1.510	FINE GRAVEL: 0.0%	FINE SILT: 0.0%		
(D_{75} / D_{25}) :	1.750	1.581	V FINE GRAVEL: 0.0%	V FINE SILT: 0.0%		
$(D_{75} - D_{25})$:	163.6	0.807	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}):	314.7	289.0	1.791	289.3	1.790	Medium Sand
SORTING (σ):	131.7	1.500	0.585	1.515	0.599	Moderately Well Sorted
SKEWNESS (Sk):	1.212	-0.042	0.042	0.051	-0.051	Symmetrical
KURTOSIS (K):	5.327	3.095	3.095	0.973	0.973	Mesokurtic

GRAIN SIZE DISTRIBUTION