

SIEVING ERROR: 0.3%

SAMPLE STATISTICSSAMPLE IDENTITY: **PEN-92-5_150**

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: 1.4%		
MODE 2:	115.0	3.126	SAND: 99.4%	MEDIUM SAND: 10.9%		
MODE 3:	273.5	1.876	MUD: 0.6%	FINE SAND: 60.4%		
D_{10} :	101.9	1.922		V FINE SAND: 26.6%		
MEDIAN or D_{50} :	159.4	2.649	V COARSE GRAVEL: 0.0%	V COARSE SILT: 0.6%		
D_{90} :	263.8	3.295	COARSE GRAVEL: 0.0%	COARSE SILT: 0.0%		
(D_{90} / D_{10}) :	2.589	1.714	MEDIUM GRAVEL: 0.0%	MEDIUM SILT: 0.0%		
$(D_{90} - D_{10})$:	161.9	1.372	FINE GRAVEL: 0.0%	FINE SILT: 0.0%		
(D_{75} / D_{25}) :	1.644	1.310	V FINE GRAVEL: 0.0%	V FINE SILT: 0.0%		
$(D_{75} - D_{25})$:	78.63	0.718	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}):	176.7	160.7	2.637	159.5	2.648	Fine Sand
SORTING (σ):	92.43	1.499	0.584	1.446	0.532	Moderately Well Sorted
SKEWNESS (Sk):	3.821	0.569	-0.569	0.004	-0.004	Symmetrical
KURTOSIS (K):	27.47	4.920	4.920	1.013	1.013	Mesokurtic

GRAIN SIZE DISTRIBUTION