

SIEVING ERROR: 0.1%

SAMPLE STATISTICSSAMPLE IDENTITY: **PEN-92-1_450**

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

SAMPLE TYPE: Trimodal, Moderately Sorted

TEXTURAL GROUP: Sand

SEDIMENT NAME: Moderately Sorted Fine Sand

	μm	ϕ	GRAIN SIZE DISTRIBUTION			
MODE 1:	163.0	2.622	GRAVEL: 0.0%	COARSE SAND: 7.6%		
MODE 2:	273.5	1.876	SAND: 99.7%	MEDIUM SAND: 30.7%		
MODE 3:	460.0	1.126	MUD: 0.3%	FINE SAND: 52.1%		
D_{10} :	126.5	1.079		V FINE SAND: 8.8%		
MEDIAN or D_{50} :	204.4	2.291	V COARSE GRAVEL: 0.0%	V COARSE SILT: 0.3%		
D_{90} :	473.3	2.982	COARSE GRAVEL: 0.0%	COARSE SILT: 0.0%		
(D_{90} / D_{10}) :	3.740	2.763	MEDIUM GRAVEL: 0.0%	MEDIUM SILT: 0.0%		
$(D_{90} - D_{10})$:	346.7	1.903	FINE GRAVEL: 0.0%	FINE SILT: 0.0%		
(D_{75} / D_{25}) :	1.936	1.545	V FINE GRAVEL: 0.0%	V FINE SILT: 0.0%		
$(D_{75} - D_{25})$:	144.0	0.953	V COARSE SAND: 0.5%	CLAY: 0.0%		
	METHOD OF MOMENTS			FOLK & WARD METHOD		
	Arithmetic	Geometric	Logarithmic	Geometric	Logarithmic	Description
	μm	μm	ϕ	μm	ϕ	
MEAN (\bar{x}):	257.8	223.4	2.162	222.3	2.169	Fine Sand
SORTING (σ):	156.4	1.659	0.730	1.660	0.731	Moderately Sorted
SKEWNESS (Sk):	2.220	0.530	-0.530	0.244	-0.244	Coarse Skewed
KURTOSIS (K):	10.53	3.045	3.045	1.003	1.003	Mesokurtic

GRAIN SIZE DISTRIBUTION