

SIEVING ERROR: 0.2%

SAMPLE STATISTICSSAMPLE IDENTITY: **PEN-91-08_245**

ANALYST & DATE: TC/RM, 8/20/91

SAMPLE TYPE: Polymodal, Moderately Sorted

TEXTURAL GROUP: Sand

SEDIMENT NAME: Moderately Sorted Medium Sand

	μm	ϕ	GRAIN SIZE DISTRIBUTION			
MODE 1:	273.5	1.876	GRAVEL: 0.0%	COARSE SAND: 13.9%		
MODE 2:	193.5	2.375	SAND: 100.0%	MEDIUM SAND: 53.0%		
MODE 3:	460.0	1.126	MUD: 0.0%	FINE SAND: 28.4%		
D_{10} :	180.0	0.664		V FINE SAND: 1.0%		
MEDIAN or D_{50} :	298.8	1.743	V COARSE GRAVEL: 0.0%	V COARSE SILT: 0.0%		
D_{90} :	631.0	2.474	COARSE GRAVEL: 0.0%	COARSE SILT: 0.0%		
(D_{90} / D_{10}) :	3.506	3.724	MEDIUM GRAVEL: 0.0%	MEDIUM SILT: 0.0%		
$(D_{90} - D_{10})$:	451.0	1.810	FINE GRAVEL: 0.0%	FINE SILT: 0.0%		
(D_{75} / D_{25}) :	1.914	1.784	V FINE GRAVEL: 0.0%	V FINE SILT: 0.0%		
$(D_{75} - D_{25})$:	208.6	0.936	V COARSE SAND: 3.7%	CLAY: 0.0%		
	METHOD OF MOMENTS			FOLK & WARD METHOD		
	Arithmetic	Geometric	Logarithmic	Geometric	Logarithmic	Description
	μm	μm	ϕ	μm	ϕ	
MEAN (\bar{x}):	369.6	322.5	1.633	312.5	1.678	Medium Sand
SORTING (σ):	216.0	1.640	0.713	1.664	0.735	Moderately Sorted
SKEWNESS (Sk):	1.810	0.541	-0.541	0.202	-0.202	Coarse Skewed
KURTOSIS (K):	6.167	3.033	3.033	1.102	1.102	Mesokurtic

GRAIN SIZE DISTRIBUTION