

SIEVING ERROR: 0.2%

SAMPLE STATISTICSSAMPLE IDENTITY: **PEN-91-11_250**

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

SAMPLE TYPE: Polymodal, 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: 11.8%		
MODE 2:	193.5	2.375	SAND: 100.0%	MEDIUM SAND: 52.4%		
MODE 3:	460.0	1.126	MUD: 0.0%	FINE SAND: 34.9%		
D_{10} :	176.9	0.912		V FINE SAND: 0.9%		
MEDIAN or D_{50} :	274.9	1.863	V COARSE GRAVEL: 0.0%	V COARSE SILT: 0.0%		
D_{90} :	531.3	2.499	COARSE GRAVEL: 0.0%	COARSE SILT: 0.0%		
(D_{90} / D_{10}) :	3.004	2.739	MEDIUM GRAVEL: 0.0%	MEDIUM SILT: 0.0%		
$(D_{90} - D_{10})$:	354.5	1.587	FINE GRAVEL: 0.0%	FINE SILT: 0.0%		
(D_{75} / D_{25}) :	1.745	1.555	V FINE GRAVEL: 0.0%	V FINE SILT: 0.0%		
$(D_{75} - D_{25})$:	156.7	0.803	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}):	325.7	290.8	1.782	287.0	1.801	Medium Sand
SORTING (σ):	175.4	1.562	0.644	1.586	0.665	Moderately Well Sorted
SKEWNESS (Sk):	1.957	0.648	-0.648	0.221	-0.221	Coarse Skewed
KURTOSIS (K):	6.878	3.535	3.535	1.181	1.181	Leptokurtic

GRAIN SIZE DISTRIBUTION