

SIEVING ERROR: 0.7%

SAMPLE STATISTICSSAMPLE IDENTITY: **PEN-91-11_200**

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

SAMPLE TYPE: Bimodal, 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: 7.6%		
MODE 2:	193.5	2.375	SAND: 99.8%	MEDIUM SAND: 51.3%		
MODE 3:			MUD: 0.2%	FINE SAND: 39.5%		
D_{10} :	167.0	1.086		V FINE SAND: 1.4%		
MEDIAN or D_{50} :	265.3	1.914	V COARSE GRAVEL: 0.0%	V COARSE SILT: 0.2%		
D_{90} :	471.0	2.582	COARSE GRAVEL: 0.0%	COARSE SILT: 0.0%		
(D_{90} / D_{10}) :	2.820	2.377	MEDIUM GRAVEL: 0.0%	MEDIUM SILT: 0.0%		
$(D_{90} - D_{10})$:	304.0	1.496	FINE GRAVEL: 0.0%	FINE SILT: 0.0%		
(D_{75} / D_{25}) :	1.677	1.475	V FINE GRAVEL: 0.0%	V FINE SILT: 0.0%		
$(D_{75} - D_{25})$:	136.0	0.746	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}):	293.3	268.5	1.897	270.4	1.887	Medium Sand
SORTING (σ):	131.7	1.498	0.583	1.486	0.571	Moderately Well Sorted
SKEWNESS (Sk):	1.761	0.209	-0.209	0.098	-0.098	Symmetrical
KURTOSIS (K):	7.483	3.878	3.878	1.027	1.027	Mesokurtic

GRAIN SIZE DISTRIBUTION