

SIEVING ERROR: -0.1%

SAMPLE STATISTICSSAMPLE IDENTITY: **PEN-91-13_5**

ANALYST & DATE: SA/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: 5.7%		
MODE 2:	193.5	2.375	SAND: 100.0%	MEDIUM SAND: 55.0%		
MODE 3:			MUD: 0.0%	FINE SAND: 38.4%		
D_{10} :	181.0	1.167		V FINE SAND: 0.5%		
MEDIAN or D_{50} :	266.0	1.910	V COARSE GRAVEL: 0.0%	V COARSE SILT: 0.0%		
D_{90} :	445.5	2.466	COARSE GRAVEL: 0.0%	COARSE SILT: 0.0%		
(D_{90} / D_{10}) :	2.462	2.114	MEDIUM GRAVEL: 0.0%	MEDIUM SILT: 0.0%		
$(D_{90} - D_{10})$:	264.5	1.300	FINE GRAVEL: 0.0%	FINE SILT: 0.0%		
(D_{75} / D_{25}) :	1.533	1.377	V FINE GRAVEL: 0.0%	V FINE SILT: 0.0%		
$(D_{75} - D_{25})$:	111.9	0.616	V COARSE SAND: 0.3%	CLAY: 0.0%		
	METHOD OF MOMENTS			FOLK & WARD METHOD		
	Arithmetic	Geometric	Logarithmic	Geometric	Logarithmic	Description
	μm	μm	ϕ	μm	ϕ	
MEAN (\bar{x}):	292.2	271.6	1.880	268.6	1.897	Medium Sand
SORTING (σ):	125.2	1.427	0.513	1.416	0.502	Moderately Well Sorted
SKEWNESS (Sk):	2.442	0.693	-0.693	0.105	-0.105	Coarse Skewed
KURTOSIS (K):	12.19	4.281	4.281	1.125	1.125	Leptokurtic

GRAIN SIZE DISTRIBUTION