

SIEVING ERROR: 0.1%

SAMPLE STATISTICSSAMPLE IDENTITY: **PEN-91-13_175**

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: 8.3%		
MODE 2:	193.5	2.375	SAND: 100.0%	MEDIUM SAND: 61.8%		
MODE 3:			MUD: 0.0%	FINE SAND: 29.6%		
D_{10} :	190.4	1.049		V FINE SAND: 0.3%		
MEDIAN or D_{50} :	280.5	1.834	V COARSE GRAVEL: 0.0%	V COARSE SILT: 0.0%		
D_{90} :	483.1	2.393	COARSE GRAVEL: 0.0%	COARSE SILT: 0.0%		
(D_{90} / D_{10}) :	2.538	2.280	MEDIUM GRAVEL: 0.0%	MEDIUM SILT: 0.0%		
$(D_{90} - D_{10})$:	292.8	1.344	FINE GRAVEL: 0.0%	FINE SILT: 0.0%		
(D_{75} / D_{25}) :	1.544	1.425	V FINE GRAVEL: 0.0%	V FINE SILT: 0.0%		
$(D_{75} - D_{25})$:	126.9	0.627	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}):	315.2	293.9	1.766	291.1	1.780	Medium Sand
SORTING (σ):	126.0	1.422	0.508	1.429	0.515	Moderately Well Sorted
SKEWNESS (Sk):	1.738	0.528	-0.528	0.182	-0.182	Coarse Skewed
KURTOSIS (K):	7.203	3.364	3.364	1.079	1.079	Mesokurtic

GRAIN SIZE DISTRIBUTION