

SIEVING ERROR: -0.1%

SAMPLE STATISTICSSAMPLE IDENTITY: **PEN-91-13_225**

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: 9.4%		
MODE 2:	193.5	2.375	SAND: 100.0%	MEDIUM SAND: 54.9%		
MODE 3:			MUD: 0.0%	FINE SAND: 35.1%		
D_{10} :	182.9	1.018		V FINE SAND: 0.5%		
MEDIAN or D_{50} :	273.7	1.869	V COARSE GRAVEL: 0.0%	V COARSE SILT: 0.0%		
D_{90} :	493.6	2.450	COARSE GRAVEL: 0.0%	COARSE SILT: 0.0%		
(D_{90} / D_{10}) :	2.698	2.406	MEDIUM GRAVEL: 0.0%	MEDIUM SILT: 0.0%		
$(D_{90} - D_{10})$:	310.7	1.432	FINE GRAVEL: 0.0%	FINE SILT: 0.0%		
(D_{75} / D_{25}) :	1.637	1.474	V FINE GRAVEL: 0.0%	V FINE SILT: 0.0%		
$(D_{75} - D_{25})$:	137.4	0.711	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}):	310.9	286.0	1.806	284.0	1.816	Medium Sand
SORTING (σ):	138.5	1.470	0.556	1.473	0.559	Moderately Well Sorted
SKEWNESS (Sk):	1.811	0.551	-0.551	0.172	-0.172	Coarse Skewed
KURTOSIS (K):	7.110	3.442	3.442	1.042	1.042	Mesokurtic

GRAIN SIZE DISTRIBUTION