

SIEVING ERROR: -0.3%

SAMPLE STATISTICSSAMPLE IDENTITY: **PEN-91-13_200**

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

SAMPLE TYPE: Bimodal, Well Sorted

TEXTURAL GROUP: Sand

SEDIMENT NAME: Well Sorted Medium Sand

	μm	ϕ	GRAIN SIZE DISTRIBUTION			
MODE 1:	273.5	1.876	GRAVEL: 0.0%	COARSE SAND: 6.2%		
MODE 2:	193.5	2.375	SAND: 100.0%	MEDIUM SAND: 58.1%		
MODE 3:			MUD: 0.0%	FINE SAND: 35.3%		
D_{10} :	184.2	1.150		V FINE SAND: 0.5%		
MEDIAN or D_{50} :	270.7	1.885	V COARSE GRAVEL: 0.0%	V COARSE SILT: 0.0%		
D_{90} :	450.7	2.441	COARSE GRAVEL: 0.0%	COARSE SILT: 0.0%		
(D_{90} / D_{10}) :	2.447	2.123	MEDIUM GRAVEL: 0.0%	MEDIUM SILT: 0.0%		
$(D_{90} - D_{10})$:	266.5	1.291	FINE GRAVEL: 0.0%	FINE SILT: 0.0%		
(D_{75} / D_{25}) :	1.532	1.388	V FINE GRAVEL: 0.0%	V FINE SILT: 0.0%		
$(D_{75} - D_{25})$:	115.7	0.616	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}):	295.7	277.1	1.852	274.8	1.864	Medium Sand
SORTING (σ):	113.7	1.406	0.491	1.411	0.497	Well Sorted
SKEWNESS (Sk):	1.763	0.489	-0.489	0.117	-0.117	Coarse Skewed
KURTOSIS (K):	7.622	3.527	3.527	1.092	1.092	Mesokurtic

GRAIN SIZE DISTRIBUTION