

SIEVING ERROR: 0.5%

SAMPLE STATISTICSSAMPLE IDENTITY: **PEN-91-03_385**

ANALYST & DATE: SA/RM, 8/19/91

SAMPLE TYPE: Trimodal, 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: 23.0%		
MODE 2:	460.0	1.126	SAND: 100.0%	MEDIUM SAND: 53.4%		
MODE 3:	193.5	2.375	MUD: 0.0%	FINE SAND: 20.9%		
D_{10} :	196.0	0.554		V FINE SAND: 0.6%		
MEDIAN or D_{50} :	332.4	1.589	V COARSE GRAVEL: 0.0%	V COARSE SILT: 0.0%		
D_{90} :	681.1	2.351	COARSE GRAVEL: 0.0%	COARSE SILT: 0.0%		
(D_{90} / D_{10}) :	3.476	4.243	MEDIUM GRAVEL: 0.0%	MEDIUM SILT: 0.0%		
$(D_{90} - D_{10})$:	485.1	1.797	FINE GRAVEL: 0.0%	FINE SILT: 0.0%		
(D_{75} / D_{25}) :	1.948	1.965	V FINE GRAVEL: 0.0%	V FINE SILT: 0.0%		
$(D_{75} - D_{25})$:	243.8	0.962	V COARSE SAND: 2.1%	CLAY: 0.0%		
	METHOD OF MOMENTS			FOLK & WARD METHOD		
	Arithmetic	Geometric	Logarithmic	Geometric	Logarithmic	Description
	μm	μm	ϕ	μm	ϕ	
MEAN (\bar{x}):	402.1	355.6	1.492	349.3	1.518	Medium Sand
SORTING (σ):	212.8	1.613	0.690	1.613	0.690	Moderately Well Sorted
SKEWNESS (Sk):	1.535	0.303	-0.303	0.179	-0.179	Coarse Skewed
KURTOSIS (K):	5.730	2.757	2.757	0.966	0.966	Mesokurtic

GRAIN SIZE DISTRIBUTION