

SIEVING ERROR: 0.4%

SAMPLE STATISTICSSAMPLE IDENTITY: **PEN-91-03_380**

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

SAMPLE TYPE: Polymodal, Moderately Sorted

TEXTURAL GROUP: Sand

SEDIMENT NAME: Moderately Sorted Medium Sand

	μm	ϕ	GRAIN SIZE DISTRIBUTION			
MODE 1:	273.5	1.876	GRAVEL: 0.0%	COARSE SAND: 30.5%		
MODE 2:	547.5	0.875	SAND: 100.0%	MEDIUM SAND: 47.4%		
MODE 3:	193.5	2.375	MUD: 0.0%	FINE SAND: 16.3%		
D_{10} :	208.3	0.214		V FINE SAND: 0.3%		
MEDIAN or D_{50} :	401.1	1.318	V COARSE GRAVEL: 0.0%	V COARSE SILT: 0.0%		
D_{90} :	861.9	2.263	COARSE GRAVEL: 0.0%	COARSE SILT: 0.0%		
(D_{90} / D_{10}) :	4.137	10.56	MEDIUM GRAVEL: 0.0%	MEDIUM SILT: 0.0%		
$(D_{90} - D_{10})$:	653.6	2.049	FINE GRAVEL: 0.0%	FINE SILT: 0.0%		
(D_{75} / D_{25}) :	2.134	2.402	V FINE GRAVEL: 0.0%	V FINE SILT: 0.0%		
$(D_{75} - D_{25})$:	309.5	1.094	V COARSE SAND: 5.4%	CLAY: 0.0%		
	METHOD OF MOMENTS			FOLK & WARD METHOD		
	Arithmetic	Geometric	Logarithmic	Geometric	Logarithmic	Description
	μm	μm	ϕ	μm	ϕ	
MEAN (\bar{x}):	470.5	408.0	1.293	411.4	1.281	Medium Sand
SORTING (σ):	261.8	1.686	0.754	1.690	0.757	Moderately Sorted
SKEWNESS (Sk):	1.270	0.184	-0.184	0.081	-0.081	Symmetrical
KURTOSIS (K):	4.331	2.445	2.445	0.927	0.927	Mesokurtic

GRAIN SIZE DISTRIBUTION