

SIEVING ERROR: 1.3%

SAMPLE STATISTICSSAMPLE IDENTITY: **PEN-91-02_325**

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: 22.4%		
MODE 2:	193.5	2.375	SAND: 98.6%	MEDIUM SAND: 35.5%		
MODE 3:	547.5	0.875	MUD: 1.4%	FINE SAND: 31.5%		
D_{10} :	145.3	0.314		V FINE SAND: 4.2%		
MEDIAN or D_{50} :	295.7	1.758	V COARSE GRAVEL: 0.0%	V COARSE SILT: 1.4%		
D_{90} :	804.4	2.783	COARSE GRAVEL: 0.0%	COARSE SILT: 0.0%		
(D_{90} / D_{10}) :	5.536	8.865	MEDIUM GRAVEL: 0.0%	MEDIUM SILT: 0.0%		
$(D_{90} - D_{10})$:	659.1	2.469	FINE GRAVEL: 0.0%	FINE SILT: 0.0%		
(D_{75} / D_{25}) :	2.694	2.532	V FINE GRAVEL: 0.0%	V FINE SILT: 0.0%		
$(D_{75} - D_{25})$:	329.2	1.430	V COARSE SAND: 5.1%	CLAY: 0.0%		
	METHOD OF MOMENTS			FOLK & WARD METHOD		
	Arithmetic	Geometric	Logarithmic	Geometric	Logarithmic	Description
	μm	μm	ϕ	μm	ϕ	
MEAN (\bar{x}):	399.1	318.7	1.650	315.1	1.666	Medium Sand
SORTING (σ):	277.5	1.964	0.974	1.929	0.948	Moderately Sorted
SKEWNESS (Sk):	1.408	-0.108	0.108	0.149	-0.149	Coarse Skewed
KURTOSIS (K):	4.625	3.052	3.052	0.879	0.879	Platykurtic

GRAIN SIZE DISTRIBUTION