

SIEVING ERROR: 0.3%

SAMPLE STATISTICSSAMPLE IDENTITY: **PEN-91-05_325**

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

SAMPLE TYPE: Trimodal, Moderately Sorted

TEXTURAL GROUP: Sand

SEDIMENT NAME: Moderately Sorted Medium Sand

	μm	ϕ	GRAIN SIZE DISTRIBUTION			
MODE 1:	547.5	0.875	GRAVEL: 0.0%	COARSE SAND: 42.9%		
MODE 2:	325.5	1.625	SAND: 100.0%	MEDIUM SAND: 43.4%		
MODE 3:	920.5	0.125	MUD: 0.0%	FINE SAND: 3.9%		
D_{10} :	279.2	0.009		V FINE SAND: 0.2%		
MEDIAN or D_{50} :	513.0	0.963	V COARSE GRAVEL: 0.0%	V COARSE SILT: 0.0%		
D_{90} :	993.9	1.841	COARSE GRAVEL: 0.0%	COARSE SILT: 0.0%		
(D_{90} / D_{10}) :	3.560	208.7	MEDIUM GRAVEL: 0.0%	MEDIUM SILT: 0.0%		
$(D_{90} - D_{10})$:	714.7	1.832	FINE GRAVEL: 0.0%	FINE SILT: 0.0%		
(D_{75} / D_{25}) :	1.921	2.848	V FINE GRAVEL: 0.0%	V FINE SILT: 0.0%		
$(D_{75} - D_{25})$:	336.8	0.942	V COARSE SAND: 9.7%	CLAY: 0.0%		
	METHOD OF MOMENTS			FOLK & WARD METHOD		
	Arithmetic	Geometric	Logarithmic	Geometric	Logarithmic	Description
	μm	μm	ϕ	μm	ϕ	
MEAN (\bar{x}):	583.4	518.1	0.949	517.6	0.950	Coarse Sand
SORTING (σ):	293.8	1.611	0.688	1.638	0.712	Moderately Sorted
SKEWNESS (Sk):	1.244	0.103	-0.103	0.065	-0.065	Symmetrical
KURTOSIS (K):	4.313	2.748	2.748	0.982	0.982	Mesokurtic

GRAIN SIZE DISTRIBUTION