

SIEVING ERROR: 0.4%

SAMPLE STATISTICSSAMPLE IDENTITY: **PEN-91-02_125**

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: 20.3%		
MODE 2:	547.5	0.875	SAND: 99.8%	MEDIUM SAND: 47.2%		
MODE 3:	193.5	2.375	MUD: 0.2%	FINE SAND: 25.3%		
D_{10} :	181.0	0.473		V FINE SAND: 1.2%		
MEDIAN or D_{50} :	323.7	1.627	V COARSE GRAVEL: 0.0%	V COARSE SILT: 0.2%		
D_{90} :	720.6	2.466	COARSE GRAVEL: 0.0%	COARSE SILT: 0.0%		
(D_{90} / D_{10}) :	3.980	5.216	MEDIUM GRAVEL: 0.0%	MEDIUM SILT: 0.0%		
$(D_{90} - D_{10})$:	539.6	1.993	FINE GRAVEL: 0.0%	FINE SILT: 0.0%		
(D_{75} / D_{25}) :	2.112	2.105	V FINE GRAVEL: 0.0%	V FINE SILT: 0.0%		
$(D_{75} - D_{25})$:	267.7	1.079	V COARSE SAND: 5.7%	CLAY: 0.0%		
	METHOD OF MOMENTS			FOLK & WARD METHOD		
	Arithmetic	Geometric	Logarithmic	Geometric	Logarithmic	Description
	μm	μm	ϕ	μm	ϕ	
MEAN (\bar{x}):	424.0	352.6	1.504	336.4	1.572	Medium Sand
SORTING (σ):	300.0	1.776	0.829	1.764	0.819	Moderately Sorted
SKEWNESS (Sk):	2.210	0.480	-0.480	0.182	-0.182	Coarse Skewed
KURTOSIS (K):	8.217	3.352	3.352	1.081	1.081	Mesokurtic

GRAIN SIZE DISTRIBUTION