

SIEVING ERROR: 0.3%

SAMPLE STATISTICSSAMPLE IDENTITY: **PEN-92-4_275**

ANALYST & DATE: TB/RM, 8/23/92

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: 25.5%		
MODE 2:	547.5	0.875	SAND: 100.0%	MEDIUM SAND: 48.7%		
MODE 3:	193.5	2.375	MUD: 0.0%	FINE SAND: 22.1%		
D_{10} :	183.6	0.486		V FINE SAND: 1.6%		
MEDIAN or D_{50} :	329.8	1.600	V COARSE GRAVEL: 0.0%	V COARSE SILT: 0.0%		
D_{90} :	714.0	2.445	COARSE GRAVEL: 0.0%	COARSE SILT: 0.0%		
(D_{90} / D_{10}) :	3.888	5.031	MEDIUM GRAVEL: 0.0%	MEDIUM SILT: 0.0%		
$(D_{90} - D_{10})$:	530.4	1.959	FINE GRAVEL: 0.0%	FINE SILT: 0.0%		
(D_{75} / D_{25}) :	2.058	2.105	V FINE GRAVEL: 0.0%	V FINE SILT: 0.0%		
$(D_{75} - D_{25})$:	267.5	1.041	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}):	404.4	351.7	1.508	342.9	1.544	Medium Sand
SORTING (σ):	220.2	1.682	0.750	1.705	0.770	Moderately Sorted
SKEWNESS (Sk):	1.189	0.103	-0.103	0.124	-0.124	Coarse Skewed
KURTOSIS (K):	3.996	2.531	2.531	0.984	0.984	Mesokurtic

GRAIN SIZE DISTRIBUTION