

SIEVING ERROR: 0.4%

SAMPLE STATISTICSSAMPLE IDENTITY: **PEN-93-6_125**

ANALYST & DATE: TB/RM, 7/31/1993

SAMPLE TYPE: Bimodal, Moderately Well Sorted

TEXTURAL GROUP: Sand

SEDIMENT NAME: Moderately Well Sorted Fine Sand

	μm	ϕ	GRAIN SIZE DISTRIBUTION			
MODE 1:	137.0	2.873	GRAVEL: 0.0%	COARSE SAND: 1.1%		
MODE 2:	273.5	1.876	SAND: 99.8%	MEDIUM SAND: 18.8%		
MODE 3:			MUD: 0.2%	FINE SAND: 53.1%		
D_{10} :	100.1	1.761		V FINE SAND: 26.7%		
MEDIAN or D_{50} :	161.5	2.630	V COARSE GRAVEL: 0.0%	V COARSE SILT: 0.2%		
D_{90} :	295.1	3.321	COARSE GRAVEL: 0.0%	COARSE SILT: 0.0%		
(D_{90} / D_{10}) :	2.949	1.886	MEDIUM GRAVEL: 0.0%	MEDIUM SILT: 0.0%		
$(D_{90} - D_{10})$:	195.0	1.560	FINE GRAVEL: 0.0%	FINE SILT: 0.0%		
(D_{75} / D_{25}) :	1.793	1.385	V FINE GRAVEL: 0.0%	V FINE SILT: 0.0%		
$(D_{75} - D_{25})$:	96.97	0.843	V COARSE SAND: 0.0%	CLAY: 0.0%		
	METHOD OF MOMENTS			FOLK & WARD METHOD		
	Arithmetic	Geometric	Logarithmic	Geometric	Logarithmic	Description
	μm	μm	ϕ	μm	ϕ	
MEAN (\bar{x}):	185.8	167.5	2.578	168.2	2.572	Fine Sand
SORTING (σ):	91.11	1.546	0.629	1.558	0.640	Moderately Well Sorted
SKEWNESS (Sk):	1.698	0.376	-0.376	0.132	-0.132	Coarse Skewed
KURTOSIS (K):	6.914	2.955	2.955	1.031	1.031	Mesokurtic

GRAIN SIZE DISTRIBUTION