

SIEVING ERROR: 0.1%

SAMPLE STATISTICSSAMPLE IDENTITY: **PEN-92-6_125**

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

SAMPLE TYPE: Bimodal, Moderately Well Sorted

TEXTURAL GROUP: Sand

SEDIMENT NAME: Moderately Well Sorted Medium Sand

	μm	ϕ	GRAIN SIZE DISTRIBUTION			
MODE 1:	273.5	1.876	GRAVEL: 0.0%	COARSE SAND: 6.2%		
MODE 2:	193.5	2.375	SAND: 100.0%	MEDIUM SAND: 64.4%		
MODE 3:			MUD: 0.0%	FINE SAND: 27.6%		
D_{10} :	171.9	1.068		V FINE SAND: 1.5%		
MEDIAN or D_{50} :	299.1	1.741	V COARSE GRAVEL: 0.0%	V COARSE SILT: 0.0%		
D_{90} :	476.8	2.540	COARSE GRAVEL: 0.0%	COARSE SILT: 0.0%		
(D_{90} / D_{10}) :	2.774	2.378	MEDIUM GRAVEL: 0.0%	MEDIUM SILT: 0.0%		
$(D_{90} - D_{10})$:	304.9	1.472	FINE GRAVEL: 0.0%	FINE SILT: 0.0%		
(D_{75} / D_{25}) :	1.692	1.555	V FINE GRAVEL: 0.0%	V FINE SILT: 0.0%		
$(D_{75} - D_{25})$:	158.7	0.759	V COARSE SAND: 0.4%	CLAY: 0.0%		
	METHOD OF MOMENTS			FOLK & WARD METHOD		
	Arithmetic	Geometric	Logarithmic	Geometric	Logarithmic	Description
	μm	μm	ϕ	μm	ϕ	
MEAN (\bar{x}):	318.6	294.5	1.764	293.5	1.768	Medium Sand
SORTING (σ):	128.0	1.477	0.562	1.488	0.573	Moderately Well Sorted
SKEWNESS (Sk):	1.506	-0.108	0.108	-0.083	0.083	Symmetrical
KURTOSIS (K):	8.615	3.068	3.068	0.986	0.986	Mesokurtic

GRAIN SIZE DISTRIBUTION