

SIEVING ERROR: 0.3%

SAMPLE STATISTICSSAMPLE IDENTITY: **PEN-93-3_175**

ANALYST & DATE: TB/RM, 7/29/1993

SAMPLE TYPE: Bimodal, Moderately Well Sorted

TEXTURAL GROUP: Sand

SEDIMENT NAME: Moderately Well Sorted Medium Sand

	μm	ϕ	GRAIN SIZE DISTRIBUTION			
MODE 1:	460.0	1.126	GRAVEL: 0.0%	COARSE SAND: 27.6%		
MODE 2:	273.5	1.876	SAND: 99.6%	MEDIUM SAND: 60.6%		
MODE 3:			MUD: 0.4%	FINE SAND: 9.6%		
D_{10} :	234.8	0.732		V FINE SAND: 1.4%		
MEDIAN or D_{50} :	403.6	1.309	V COARSE GRAVEL: 0.0%	V COARSE SILT: 0.4%		
D_{90} :	602.0	2.090	COARSE GRAVEL: 0.0%	COARSE SILT: 0.0%		
(D_{90} / D_{10}) :	2.564	2.855	MEDIUM GRAVEL: 0.0%	MEDIUM SILT: 0.0%		
$(D_{90} - D_{10})$:	367.2	1.358	FINE GRAVEL: 0.0%	FINE SILT: 0.0%		
(D_{75} / D_{25}) :	1.750	1.844	V FINE GRAVEL: 0.0%	V FINE SILT: 0.0%		
$(D_{75} - D_{25})$:	220.8	0.807	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}):	416.4	383.0	1.385	391.6	1.353	Medium Sand
SORTING (σ):	160.1	1.524	0.607	1.474	0.559	Moderately Well Sorted
SKEWNESS (Sk):	0.764	-0.869	0.869	-0.154	0.154	Fine Skewed
KURTOSIS (K):	4.682	5.007	5.007	0.960	0.960	Mesokurtic

GRAIN SIZE DISTRIBUTION