

SIEVING ERROR: 0.0%

SAMPLE STATISTICSSAMPLE IDENTITY: **PEN-92-7_175**

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

SAMPLE TYPE: Trimodal, 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: 22.8%		
MODE 2:	547.5	0.875	SAND: 100.0%	MEDIUM SAND: 52.6%		
MODE 3:	193.5	2.375	MUD: 0.0%	FINE SAND: 22.7%		
D_{10} :	190.0	0.679		V FINE SAND: 1.0%		
MEDIAN or D_{50} :	323.9	1.627	V COARSE GRAVEL: 0.0%	V COARSE SILT: 0.0%		
D_{90} :	624.4	2.396	COARSE GRAVEL: 0.0%	COARSE SILT: 0.0%		
(D_{90} / D_{10}) :	3.287	3.527	MEDIUM GRAVEL: 0.0%	MEDIUM SILT: 0.0%		
$(D_{90} - D_{10})$:	434.5	1.717	FINE GRAVEL: 0.0%	FINE SILT: 0.0%		
(D_{75} / D_{25}) :	1.942	1.932	V FINE GRAVEL: 0.0%	V FINE SILT: 0.0%		
$(D_{75} - D_{25})$:	237.9	0.957	V COARSE SAND: 0.9%	CLAY: 0.0%		
	METHOD OF MOMENTS			FOLK & WARD METHOD		
	Arithmetic	Geometric	Logarithmic	Geometric	Logarithmic	Description
	μm	μm	ϕ	μm	ϕ	
MEAN (\bar{x}):	382.8	342.3	1.547	337.6	1.566	Medium Sand
SORTING (σ):	186.2	1.588	0.667	1.597	0.675	Moderately Well Sorted
SKEWNESS (Sk):	1.217	0.121	-0.121	0.124	-0.124	Coarse Skewed
KURTOSIS (K):	4.552	2.572	2.572	0.926	0.926	Mesokurtic

GRAIN SIZE DISTRIBUTION