

SIEVING ERROR: 0.3%

SAMPLE STATISTICSSAMPLE IDENTITY: **PEN-93-2_150**

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

SAMPLE TYPE: Trimodal, Moderately Well Sorted

TEXTURAL GROUP: Sand

SEDIMENT NAME: Moderately Well Sorted Fine Sand

	μm	ϕ	GRAIN SIZE DISTRIBUTION			
MODE 1:	273.5	1.876	GRAVEL: 0.0%	COARSE SAND: 7.2%		
MODE 2:	193.5	2.375	SAND: 99.5%	MEDIUM SAND: 39.7%		
MODE 3:	460.0	1.126	MUD: 0.5%	FINE SAND: 48.5%		
D_{10} :	147.9	1.107		V FINE SAND: 3.8%		
MEDIAN or D_{50} :	240.3	2.057	V COARSE GRAVEL: 0.0%	V COARSE SILT: 0.5%		
D_{90} :	464.4	2.757	COARSE GRAVEL: 0.0%	COARSE SILT: 0.0%		
(D_{90} / D_{10}) :	3.139	2.491	MEDIUM GRAVEL: 0.0%	MEDIUM SILT: 0.0%		
$(D_{90} - D_{10})$:	316.4	1.650	FINE GRAVEL: 0.0%	FINE SILT: 0.0%		
(D_{75} / D_{25}) :	1.674	1.438	V FINE GRAVEL: 0.0%	V FINE SILT: 0.0%		
$(D_{75} - D_{25})$:	124.0	0.744	V COARSE SAND: 0.2%	CLAY: 0.0%		
	METHOD OF MOMENTS			FOLK & WARD METHOD		
	Arithmetic	Geometric	Logarithmic	Geometric	Logarithmic	Description
	μm	μm	ϕ	μm	ϕ	
MEAN (\bar{x}):	273.0	245.2	2.028	247.6	2.014	Fine Sand
SORTING (σ):	137.9	1.561	0.642	1.545	0.628	Moderately Well Sorted
SKEWNESS (Sk):	1.980	0.254	-0.254	0.118	-0.118	Coarse Skewed
KURTOSIS (K):	9.197	3.609	3.609	1.162	1.162	Leptokurtic

GRAIN SIZE DISTRIBUTION