

SIEVING ERROR: 0.5%

SAMPLE STATISTICSSAMPLE IDENTITY: **PEN-93-2_225**

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

SAMPLE TYPE: Trimodal, Moderately Sorted

TEXTURAL GROUP: Sand

SEDIMENT NAME: Moderately Sorted Fine Sand

	μm	ϕ	GRAIN SIZE DISTRIBUTION			
MODE 1:	273.5	1.876	GRAVEL: 0.0%	COARSE SAND: 19.4%		
MODE 2:	193.5	2.375	SAND: 99.7%	MEDIUM SAND: 36.8%		
MODE 3:	547.5	0.875	MUD: 0.3%	FINE SAND: 39.1%		
D_{10} :	156.7	0.613		V FINE SAND: 2.6%		
MEDIAN or D_{50} :	271.3	1.882	V COARSE GRAVEL: 0.0%	V COARSE SILT: 0.3%		
D_{90} :	653.8	2.673	COARSE GRAVEL: 0.0%	COARSE SILT: 0.0%		
(D_{90} / D_{10}) :	4.171	4.360	MEDIUM GRAVEL: 0.0%	MEDIUM SILT: 0.0%		
$(D_{90} - D_{10})$:	497.0	2.060	FINE GRAVEL: 0.0%	FINE SILT: 0.0%		
(D_{75} / D_{25}) :	2.325	2.070	V FINE GRAVEL: 0.0%	V FINE SILT: 0.0%		
$(D_{75} - D_{25})$:	259.1	1.217	V COARSE SAND: 1.9%	CLAY: 0.0%		
	METHOD OF MOMENTS			FOLK & WARD METHOD		
	Arithmetic	Geometric	Logarithmic	Geometric	Logarithmic	Description
	μm	μm	ϕ	μm	ϕ	
MEAN (\bar{x}):	351.9	297.1	1.751	299.1	1.741	Medium Sand
SORTING (σ):	225.5	1.749	0.806	1.748	0.806	Moderately Sorted
SKEWNESS (Sk):	1.775	0.381	-0.381	0.240	-0.240	Coarse Skewed
KURTOSIS (K):	6.825	2.770	2.770	0.871	0.871	Platykurtic

GRAIN SIZE DISTRIBUTION