

SIEVING ERROR: 0.4%

SAMPLE STATISTICSSAMPLE IDENTITY: **PEN-93-1_475**

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

SAMPLE TYPE: Bimodal, Moderately Well Sorted

TEXTURAL GROUP: Sand

SEDIMENT NAME: Moderately Well Sorted Fine Sand

	μm	ϕ	GRAIN SIZE DISTRIBUTION			
MODE 1:	193.5	2.375	GRAVEL: 0.0%	COARSE SAND: 4.0%		
MODE 2:	273.5	1.876	SAND: 99.6%	MEDIUM SAND: 29.7%		
MODE 3:			MUD: 0.4%	FINE SAND: 55.0%		
D_{10} :	121.4	1.349		V FINE SAND: 10.8%		
MEDIAN or D_{50} :	194.4	2.363	V COARSE GRAVEL: 0.0%	V COARSE SILT: 0.4%		
D_{90} :	392.6	3.042	COARSE GRAVEL: 0.0%	COARSE SILT: 0.0%		
(D_{90} / D_{10}) :	3.233	2.255	MEDIUM GRAVEL: 0.0%	MEDIUM SILT: 0.0%		
$(D_{90} - D_{10})$:	271.1	1.693	FINE GRAVEL: 0.0%	FINE SILT: 0.0%		
(D_{75} / D_{25}) :	1.833	1.471	V FINE GRAVEL: 0.0%	V FINE SILT: 0.0%		
$(D_{75} - D_{25})$:	125.4	0.874	V COARSE SAND: 0.0%	CLAY: 0.0%		
	METHOD OF MOMENTS			FOLK & WARD METHOD		
	Arithmetic	Geometric	Logarithmic	Geometric	Logarithmic	Description
	μm	μm	ϕ	μm	ϕ	
MEAN (\bar{x}):	231.1	206.1	2.278	202.3	2.305	Fine Sand
SORTING (σ):	121.0	1.580	0.660	1.561	0.642	Moderately Well Sorted
SKEWNESS (Sk):	1.914	0.347	-0.347	0.173	-0.173	Coarse Skewed
KURTOSIS (K):	8.312	3.297	3.297	1.014	1.014	Mesokurtic

GRAIN SIZE DISTRIBUTION