

SIEVING ERROR: 0.3%

SAMPLE STATISTICSSAMPLE IDENTITY: **PEN-93-1_375**

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: 9.6%		
MODE 2:	193.5	2.375	SAND: 99.8%	MEDIUM SAND: 40.9%		
MODE 3:	460.0	1.126	MUD: 0.2%	FINE SAND: 42.0%		
D_{10} :	132.8	1.009		V FINE SAND: 7.1%		
MEDIAN or D_{50} :	251.6	1.991	V COARSE GRAVEL: 0.0%	V COARSE SILT: 0.2%		
D_{90} :	497.0	2.913	COARSE GRAVEL: 0.0%	COARSE SILT: 0.0%		
(D_{90} / D_{10}) :	3.744	2.888	MEDIUM GRAVEL: 0.0%	MEDIUM SILT: 0.0%		
$(D_{90} - D_{10})$:	364.3	1.905	FINE GRAVEL: 0.0%	FINE SILT: 0.0%		
(D_{75} / D_{25}) :	1.971	1.636	V FINE GRAVEL: 0.0%	V FINE SILT: 0.0%		
$(D_{75} - D_{25})$:	169.4	0.979	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}):	282.9	248.0	2.012	254.2	1.976	Medium Sand
SORTING (σ):	154.1	1.649	0.722	1.661	0.732	Moderately Sorted
SKEWNESS (Sk):	1.555	0.189	-0.189	0.030	-0.030	Symmetrical
KURTOSIS (K):	6.157	2.795	2.795	0.975	0.975	Mesokurtic

GRAIN SIZE DISTRIBUTION