

SIEVING ERROR: 0.4%

SAMPLE STATISTICSSAMPLE IDENTITY: **PEN-93-1_275**

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: 7.4%		
MODE 2:	193.5	2.375	SAND: 99.8%	MEDIUM SAND: 38.4%		
MODE 3:	460.0	1.126	MUD: 0.2%	FINE SAND: 44.8%		
D_{10} :	126.5	1.088		V FINE SAND: 9.1%		
MEDIAN or D_{50} :	229.2	2.126	V COARSE GRAVEL: 0.0%	V COARSE SILT: 0.2%		
D_{90} :	470.4	2.983	COARSE GRAVEL: 0.0%	COARSE SILT: 0.0%		
(D_{90} / D_{10}) :	3.718	2.741	MEDIUM GRAVEL: 0.0%	MEDIUM SILT: 0.0%		
$(D_{90} - D_{10})$:	343.8	1.894	FINE GRAVEL: 0.0%	FINE SILT: 0.0%		
(D_{75} / D_{25}) :	2.020	1.627	V FINE GRAVEL: 0.0%	V FINE SILT: 0.0%		
$(D_{75} - D_{25})$:	164.6	1.015	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}):	265.2	233.7	2.097	235.3	2.087	Fine Sand
SORTING (σ):	138.8	1.634	0.708	1.658	0.729	Moderately Sorted
SKEWNESS (Sk):	1.349	0.165	-0.165	0.082	-0.082	Symmetrical
KURTOSIS (K):	5.244	2.584	2.584	0.923	0.923	Mesokurtic

GRAIN SIZE DISTRIBUTION