

SIEVING ERROR: 0.4%

SAMPLE STATISTICSSAMPLE IDENTITY: **PEN-93-1_300**

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

SAMPLE TYPE: Trimodal, Moderately Sorted

TEXTURAL GROUP: Sand

SEDIMENT NAME: Moderately Sorted Medium Sand

	μm	ϕ	GRAIN SIZE DISTRIBUTION			
MODE 1:	273.5	1.876	GRAVEL: 0.0%	COARSE SAND: 10.9%		
MODE 2:	193.5	2.375	SAND: 99.8%	MEDIUM SAND: 41.6%		
MODE 3:	460.0	1.126	MUD: 0.2%	FINE SAND: 39.8%		
D_{10} :	132.4	0.948		V FINE SAND: 7.1%		
MEDIAN or D_{50} :	257.4	1.958	V COARSE GRAVEL: 0.0%	V COARSE SILT: 0.2%		
D_{90} :	518.3	2.918	COARSE GRAVEL: 0.0%	COARSE SILT: 0.0%		
(D_{90} / D_{10}) :	3.916	3.077	MEDIUM GRAVEL: 0.0%	MEDIUM SILT: 0.0%		
$(D_{90} - D_{10})$:	385.9	1.969	FINE GRAVEL: 0.0%	FINE SILT: 0.0%		
(D_{75} / D_{25}) :	2.101	1.740	V FINE GRAVEL: 0.0%	V FINE SILT: 0.0%		
$(D_{75} - D_{25})$:	192.1	1.071	V COARSE SAND: 0.4%	CLAY: 0.0%		
	METHOD OF MOMENTS			FOLK & WARD METHOD		
	Arithmetic	Geometric	Logarithmic	Geometric	Logarithmic	Description
	μm	μm	ϕ	μm	ϕ	
MEAN (\bar{x}):	294.5	255.9	1.966	259.1	1.948	Medium Sand
SORTING (σ):	165.7	1.678	0.747	1.688	0.755	Moderately Sorted
SKEWNESS (Sk):	1.587	0.174	-0.174	0.020	-0.020	Symmetrical
KURTOSIS (K):	6.367	2.718	2.718	0.903	0.903	Mesokurtic

GRAIN SIZE DISTRIBUTION