

SIEVING ERROR: 0.4%

SAMPLE STATISTICSSAMPLE IDENTITY: **PEN-91-06_450**

ANALYST & DATE: TC/RM, 8/20/91

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: 22.1%		
MODE 2:	460.0	1.126	SAND: 99.2%	MEDIUM SAND: 53.4%		
MODE 3:	193.5	2.375	MUD: 0.8%	FINE SAND: 21.1%		
D_{10} :	185.8	0.656		V FINE SAND: 1.7%		
MEDIAN or D_{50} :	331.7	1.592	V COARSE GRAVEL: 0.0%	V COARSE SILT: 0.8%		
D_{90} :	634.5	2.428	COARSE GRAVEL: 0.0%	COARSE SILT: 0.0%		
(D_{90} / D_{10}) :	3.415	3.699	MEDIUM GRAVEL: 0.0%	MEDIUM SILT: 0.0%		
$(D_{90} - D_{10})$:	448.7	1.772	FINE GRAVEL: 0.0%	FINE SILT: 0.0%		
(D_{75} / D_{25}) :	1.921	1.907	V FINE GRAVEL: 0.0%	V FINE SILT: 0.0%		
$(D_{75} - D_{25})$:	233.5	0.942	V COARSE SAND: 1.0%	CLAY: 0.0%		
	METHOD OF MOMENTS			FOLK & WARD METHOD		
	Arithmetic	Geometric	Logarithmic	Geometric	Logarithmic	Description
	μm	μm	ϕ	μm	ϕ	
MEAN (\bar{x}):	384.7	339.7	1.558	338.7	1.562	Medium Sand
SORTING (σ):	192.6	1.651	0.723	1.630	0.705	Moderately Sorted
SKEWNESS (Sk):	1.184	-0.299	0.299	0.061	-0.061	Symmetrical
KURTOSIS (K):	4.533	3.608	3.608	1.012	1.012	Mesokurtic

GRAIN SIZE DISTRIBUTION