

SIEVING ERROR: 0.0%

SAMPLE STATISTICSSAMPLE IDENTITY: **PEN-91-06_150**

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: 22.3%		
MODE 2:	460.0	1.126	SAND: 99.6%	MEDIUM SAND: 48.8%		
MODE 3:	193.5	2.375	MUD: 0.4%	FINE SAND: 26.2%		
D_{10} :	173.4	0.713		V FINE SAND: 2.3%		
MEDIAN or D_{50} :	310.5	1.687	V COARSE GRAVEL: 0.0%	V COARSE SILT: 0.4%		
D_{90} :	610.0	2.528	COARSE GRAVEL: 0.0%	COARSE SILT: 0.0%		
(D_{90} / D_{10}) :	3.518	3.545	MEDIUM GRAVEL: 0.0%	MEDIUM SILT: 0.0%		
$(D_{90} - D_{10})$:	436.6	1.815	FINE GRAVEL: 0.0%	FINE SILT: 0.0%		
(D_{75} / D_{25}) :	2.092	2.007	V FINE GRAVEL: 0.0%	V FINE SILT: 0.0%		
$(D_{75} - D_{25})$:	250.7	1.065	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}):	362.5	321.6	1.637	320.9	1.640	Medium Sand
SORTING (σ):	172.3	1.639	0.713	1.651	0.723	Moderately Sorted
SKEWNESS (Sk):	0.712	-0.267	0.267	0.066	-0.066	Symmetrical
KURTOSIS (K):	2.705	2.815	2.815	0.879	0.879	Platykurtic

GRAIN SIZE DISTRIBUTION