

SIEVING ERROR: -0.1%

SAMPLE STATISTICSSAMPLE IDENTITY: **PEN-91-09_125**

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

SAMPLE TYPE: Bimodal, Moderately Well Sorted

TEXTURAL GROUP: Sand

SEDIMENT NAME: Moderately Well Sorted Medium Sand

	μm	ϕ	GRAIN SIZE DISTRIBUTION			
MODE 1:	273.5	1.876	GRAVEL: 0.0%	COARSE SAND: 15.2%		
MODE 2:	460.0	1.126	SAND: 100.0%	MEDIUM SAND: 64.9%		
MODE 3:			MUD: 0.0%	FINE SAND: 19.0%		
D_{10} :	197.4	0.876		V FINE SAND: 0.8%		
MEDIAN or D_{50} :	331.7	1.592	V COARSE GRAVEL: 0.0%	V COARSE SILT: 0.0%		
D_{90} :	544.9	2.341	COARSE GRAVEL: 0.0%	COARSE SILT: 0.0%		
(D_{90} / D_{10}) :	2.761	2.673	MEDIUM GRAVEL: 0.0%	MEDIUM SILT: 0.0%		
$(D_{90} - D_{10})$:	347.5	1.465	FINE GRAVEL: 0.0%	FINE SILT: 0.0%		
(D_{75} / D_{25}) :	1.718	1.676	V FINE GRAVEL: 0.0%	V FINE SILT: 0.0%		
$(D_{75} - D_{25})$:	187.7	0.781	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}):	358.6	332.7	1.588	334.6	1.580	Medium Sand
SORTING (σ):	133.8	1.469	0.555	1.464	0.550	Moderately Well Sorted
SKEWNESS (Sk):	0.643	-0.286	0.286	-0.014	0.014	Symmetrical
KURTOSIS (K):	3.103	2.901	2.901	0.933	0.933	Mesokurtic

GRAIN SIZE DISTRIBUTION