

SIEVING ERROR: 0.1%

SAMPLE STATISTICSSAMPLE IDENTITY: **PEN-91-08_100**

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

SAMPLE TYPE: Trimodal, 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: 11.5%		
MODE 2:	460.0	1.126	SAND: 99.9%	MEDIUM SAND: 63.4%		
MODE 3:	193.5	2.375	MUD: 0.1%	FINE SAND: 24.4%		
D_{10} :	188.7	0.960		V FINE SAND: 0.6%		
MEDIAN or D_{50} :	302.9	1.723	V COARSE GRAVEL: 0.0%	V COARSE SILT: 0.1%		
D_{90} :	514.0	2.406	COARSE GRAVEL: 0.0%	COARSE SILT: 0.0%		
(D_{90} / D_{10}) :	2.725	2.506	MEDIUM GRAVEL: 0.0%	MEDIUM SILT: 0.0%		
$(D_{90} - D_{10})$:	325.4	1.446	FINE GRAVEL: 0.0%	FINE SILT: 0.0%		
(D_{75} / D_{25}) :	1.671	1.587	V FINE GRAVEL: 0.0%	V FINE SILT: 0.0%		
$(D_{75} - D_{25})$:	167.4	0.741	V COARSE SAND: 0.0%	CLAY: 0.0%		
	METHOD OF MOMENTS			FOLK & WARD METHOD		
	Arithmetic μm	Geometric μm	Logarithmic ϕ	Geometric μm	Logarithmic ϕ	Description
MEAN (\bar{x}):	333.0	310.4	1.688	309.5	1.692	Medium Sand
SORTING (σ):	121.1	1.448	0.534	1.472	0.558	Moderately Well Sorted
SKEWNESS (Sk):	0.596	-0.188	0.188	0.055	-0.055	Symmetrical
KURTOSIS (K):	2.641	2.776	2.776	0.960	0.960	Mesokurtic

GRAIN SIZE DISTRIBUTION