

SIEVING ERROR: 0.1%

SAMPLE STATISTICSSAMPLE IDENTITY: **PEN-91-09_200**

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: 10.2%		
MODE 2:	460.0	1.126	SAND: 99.9%	MEDIUM SAND: 65.9%		
MODE 3:	193.5	2.375	MUD: 0.1%	FINE SAND: 22.7%		
D_{10} :	187.2	0.994		V FINE SAND: 1.2%		
MEDIAN or D_{50} :	305.2	1.712	V COARSE GRAVEL: 0.0%	V COARSE SILT: 0.1%		
D_{90} :	502.1	2.417	COARSE GRAVEL: 0.0%	COARSE SILT: 0.0%		
(D_{90} / D_{10}) :	2.683	2.432	MEDIUM GRAVEL: 0.0%	MEDIUM SILT: 0.0%		
$(D_{90} - D_{10})$:	315.0	1.424	FINE GRAVEL: 0.0%	FINE SILT: 0.0%		
(D_{75} / D_{25}) :	1.638	1.557	V FINE GRAVEL: 0.0%	V FINE SILT: 0.0%		
$(D_{75} - D_{25})$:	160.7	0.712	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}):	333.1	309.5	1.692	310.0	1.690	Medium Sand
SORTING (σ):	123.6	1.463	0.549	1.472	0.558	Moderately Well Sorted
SKEWNESS (Sk):	0.734	-0.324	0.324	0.019	-0.019	Symmetrical
KURTOSIS (K):	3.459	3.314	3.314	1.037	1.037	Mesokurtic

GRAIN SIZE DISTRIBUTION