

SIEVING ERROR: 0.1%

SAMPLE STATISTICSSAMPLE IDENTITY: **PEN-91-09_300**

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: 14.4%		
MODE 2:	460.0	1.126	SAND: 99.9%	MEDIUM SAND: 64.4%		
MODE 3:	193.5	2.375	MUD: 0.1%	FINE SAND: 20.1%		
D_{10} :	191.2	0.894		V FINE SAND: 1.0%		
MEDIAN or D_{50} :	324.3	1.625	V COARSE GRAVEL: 0.0%	V COARSE SILT: 0.1%		
D_{90} :	538.1	2.387	COARSE GRAVEL: 0.0%	COARSE SILT: 0.0%		
(D_{90} / D_{10}) :	2.814	2.670	MEDIUM GRAVEL: 0.0%	MEDIUM SILT: 0.0%		
$(D_{90} - D_{10})$:	346.9	1.493	FINE GRAVEL: 0.0%	FINE SILT: 0.0%		
(D_{75} / D_{25}) :	1.719	1.665	V FINE GRAVEL: 0.0%	V FINE SILT: 0.0%		
$(D_{75} - D_{25})$:	185.3	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}):	351.9	325.6	1.619	326.6	1.614	Medium Sand
SORTING (σ):	133.4	1.483	0.568	1.482	0.567	Moderately Well Sorted
SKEWNESS (Sk):	0.637	-0.362	0.362	-0.019	0.019	Symmetrical
KURTOSIS (K):	3.119	3.184	3.184	0.955	0.955	Mesokurtic

GRAIN SIZE DISTRIBUTION