

SIEVING ERROR: -0.5%

SAMPLE STATISTICSSAMPLE IDENTITY: **PEN-91-09_25**

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: 11.9%		
MODE 2:	460.0	1.126	SAND: 100.0%	MEDIUM SAND: 64.2%		
MODE 3:			MUD: 0.0%	FINE SAND: 23.1%		
D_{10} :	191.8	0.946		V FINE SAND: 0.8%		
MEDIAN or D_{50} :	306.9	1.704	V COARSE GRAVEL: 0.0%	V COARSE SILT: 0.0%		
D_{90} :	518.9	2.383	COARSE GRAVEL: 0.0%	COARSE SILT: 0.0%		
(D_{90} / D_{10}) :	2.706	2.517	MEDIUM GRAVEL: 0.0%	MEDIUM SILT: 0.0%		
$(D_{90} - D_{10})$:	327.1	1.436	FINE GRAVEL: 0.0%	FINE SILT: 0.0%		
(D_{75} / D_{25}) :	1.675	1.598	V FINE GRAVEL: 0.0%	V FINE SILT: 0.0%		
$(D_{75} - D_{25})$:	170.2	0.744	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}):	338.7	314.9	1.667	315.3	1.665	Medium Sand
SORTING (σ):	126.6	1.456	0.542	1.465	0.551	Moderately Well Sorted
SKEWNESS (Sk):	0.770	-0.162	0.162	0.064	-0.064	Symmetrical
KURTOSIS (K):	3.331	2.920	2.920	0.969	0.969	Mesokurtic

GRAIN SIZE DISTRIBUTION