

SIEVING ERROR: 0.2%

SAMPLE STATISTICSSAMPLE IDENTITY: **PEN-91-09_225**

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: 10.8%		
MODE 2:	460.0	1.126	SAND: 100.0%	MEDIUM SAND: 67.0%		
MODE 3:			MUD: 0.0%	FINE SAND: 21.7%		
D_{10} :	196.3	0.976		V FINE SAND: 0.5%		
MEDIAN or D_{50} :	306.9	1.704	V COARSE GRAVEL: 0.0%	V COARSE SILT: 0.0%		
D_{90} :	508.5	2.349	COARSE GRAVEL: 0.0%	COARSE SILT: 0.0%		
(D_{90} / D_{10}) :	2.591	2.407	MEDIUM GRAVEL: 0.0%	MEDIUM SILT: 0.0%		
$(D_{90} - D_{10})$:	312.2	1.373	FINE GRAVEL: 0.0%	FINE SILT: 0.0%		
(D_{75} / D_{25}) :	1.627	1.553	V FINE GRAVEL: 0.0%	V FINE SILT: 0.0%		
$(D_{75} - D_{25})$:	159.8	0.702	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}):	337.8	315.9	1.663	316.6	1.659	Medium Sand
SORTING (σ):	122.0	1.431	0.517	1.438	0.524	Moderately Well Sorted
SKEWNESS (Sk):	0.838	-0.088	0.088	0.090	-0.090	Symmetrical
KURTOSIS (K):	3.560	2.929	2.929	0.982	0.982	Mesokurtic

GRAIN SIZE DISTRIBUTION