

SIEVING ERROR: 0.2%

SAMPLE STATISTICSSAMPLE IDENTITY: **PEN-91-06_75**

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: 17.3%		
MODE 2:	460.0	1.126	SAND: 99.2%	MEDIUM SAND: 57.6%		
MODE 3:	193.5	2.375	MUD: 0.8%	FINE SAND: 22.1%		
D_{10} :	181.4	0.822		V FINE SAND: 2.1%		
MEDIAN or D_{50} :	314.5	1.669	V COARSE GRAVEL: 0.0%	V COARSE SILT: 0.8%		
D_{90} :	565.6	2.463	COARSE GRAVEL: 0.0%	COARSE SILT: 0.0%		
(D_{90} / D_{10}) :	3.118	2.995	MEDIUM GRAVEL: 0.0%	MEDIUM SILT: 0.0%		
$(D_{90} - D_{10})$:	384.2	1.641	FINE GRAVEL: 0.0%	FINE SILT: 0.0%		
(D_{75} / D_{25}) :	1.809	1.745	V FINE GRAVEL: 0.0%	V FINE SILT: 0.0%		
$(D_{75} - D_{25})$:	201.9	0.855	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}):	352.3	317.8	1.654	320.1	1.644	Medium Sand
SORTING (σ):	152.7	1.590	0.669	1.570	0.651	Moderately Well Sorted
SKEWNESS (Sk):	0.705	-0.585	0.585	0.020	-0.020	Symmetrical
KURTOSIS (K):	3.110	3.916	3.916	1.010	1.010	Mesokurtic

GRAIN SIZE DISTRIBUTION