

SIEVING ERROR: 0.3%

SAMPLE STATISTICSSAMPLE IDENTITY: **PEN-91-09_150**

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: 17.3%		
MODE 2:	460.0	1.126	SAND: 100.0%	MEDIUM SAND: 68.0%		
MODE 3:			MUD: 0.0%	FINE SAND: 14.2%		
D_{10} :	217.4	0.846		V FINE SAND: 0.4%		
MEDIAN or D_{50} :	349.3	1.518	V COARSE GRAVEL: 0.0%	V COARSE SILT: 0.0%		
D_{90} :	556.4	2.201	COARSE GRAVEL: 0.0%	COARSE SILT: 0.0%		
(D_{90} / D_{10}) :	2.559	2.603	MEDIUM GRAVEL: 0.0%	MEDIUM SILT: 0.0%		
$(D_{90} - D_{10})$:	339.0	1.356	FINE GRAVEL: 0.0%	FINE SILT: 0.0%		
(D_{75} / D_{25}) :	1.695	1.685	V FINE GRAVEL: 0.0%	V FINE SILT: 0.0%		
$(D_{75} - D_{25})$:	189.8	0.761	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}):	374.6	350.1	1.514	355.7	1.491	Medium Sand
SORTING (σ):	132.8	1.438	0.524	1.425	0.511	Moderately Well Sorted
SKEWNESS (Sk):	0.638	-0.266	0.266	0.007	-0.007	Symmetrical
KURTOSIS (K):	3.134	2.957	2.957	0.918	0.918	Mesokurtic

GRAIN SIZE DISTRIBUTION