

SIEVING ERROR: 0.0%

SAMPLE STATISTICSSAMPLE IDENTITY: **PEN-91-02_150**

ANALYST & DATE: SA/RM, 8/19/91

SAMPLE TYPE: Polymodal, Moderately Sorted

TEXTURAL GROUP: Sand

SEDIMENT NAME: Moderately Sorted Medium Sand

	μm	ϕ	GRAIN SIZE DISTRIBUTION			
MODE 1:	273.5	1.876	GRAVEL: 0.0%	COARSE SAND: 24.1%		
MODE 2:	460.0	1.126	SAND: 100.0%	MEDIUM SAND: 47.5%		
MODE 3:	193.5	2.375	MUD: 0.0%	FINE SAND: 21.2%		
D_{10} :	190.8	0.289		V FINE SAND: 0.5%		
MEDIAN or D_{50} :	361.8	1.467	V COARSE GRAVEL: 0.0%	V COARSE SILT: 0.0%		
D_{90} :	818.4	2.390	COARSE GRAVEL: 0.0%	COARSE SILT: 0.0%		
(D_{90} / D_{10}) :	4.290	8.267	MEDIUM GRAVEL: 0.0%	MEDIUM SILT: 0.0%		
$(D_{90} - D_{10})$:	627.6	2.101	FINE GRAVEL: 0.0%	FINE SILT: 0.0%		
(D_{75} / D_{25}) :	2.119	2.245	V FINE GRAVEL: 0.0%	V FINE SILT: 0.0%		
$(D_{75} - D_{25})$:	288.9	1.083	V COARSE SAND: 6.7%	CLAY: 0.0%		
	METHOD OF MOMENTS			FOLK & WARD METHOD		
	Arithmetic	Geometric	Logarithmic	Geometric	Logarithmic	Description
	μm	μm	ϕ	μm	ϕ	
MEAN (\bar{x}):	458.9	383.7	1.382	370.0	1.435	Medium Sand
SORTING (σ):	311.6	1.766	0.821	1.780	0.832	Moderately Sorted
SKEWNESS (Sk):	1.969	0.468	-0.468	0.146	-0.146	Coarse Skewed
KURTOSIS (K):	6.952	2.965	2.965	1.075	1.075	Mesokurtic

GRAIN SIZE DISTRIBUTION