

SIEVING ERROR: 0.6%

SAMPLE STATISTICSSAMPLE IDENTITY: **PEN-91-01_5**

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

SAMPLE TYPE: Trimodal, 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: 17.1%		
MODE 2:	193.5	2.375	SAND: 99.4%	MEDIUM SAND: 45.5%		
MODE 3:	460.0	1.126	MUD: 0.6%	FINE SAND: 31.6%		
D_{10} :	163.4	0.648		V FINE SAND: 2.3%		
MEDIAN or D_{50} :	288.1	1.796	V COARSE GRAVEL: 0.0%	V COARSE SILT: 0.6%		
D_{90} :	638.1	2.614	COARSE GRAVEL: 0.0%	COARSE SILT: 0.0%		
(D_{90} / D_{10}) :	3.906	4.033	MEDIUM GRAVEL: 0.0%	MEDIUM SILT: 0.0%		
$(D_{90} - D_{10})$:	474.8	1.966	FINE GRAVEL: 0.0%	FINE SILT: 0.0%		
(D_{75} / D_{25}) :	2.175	1.989	V FINE GRAVEL: 0.0%	V FINE SILT: 0.0%		
$(D_{75} - D_{25})$:	246.2	1.121	V COARSE SAND: 3.0%	CLAY: 0.0%		
	METHOD OF MOMENTS			FOLK & WARD METHOD		
	Arithmetic	Geometric	Logarithmic	Geometric	Logarithmic	Description
	μm	μm	ϕ	μm	ϕ	
MEAN (\bar{x}):	368.1	311.3	1.684	306.9	1.704	Medium Sand
SORTING (σ):	239.7	1.748	0.806	1.727	0.789	Moderately Sorted
SKEWNESS (Sk):	2.142	0.223	-0.223	0.187	-0.187	Coarse Skewed
KURTOSIS (K):	8.938	3.555	3.555	0.963	0.963	Mesokurtic

GRAIN SIZE DISTRIBUTION