

SIEVING ERROR: 2.3%

SAMPLE STATISTICSSAMPLE IDENTITY: **PEN-91-11_5**

ANALYST & DATE: MT/RM, 8/20/91

SAMPLE TYPE: Bimodal, Moderately Well Sorted

TEXTURAL GROUP: Sand

SEDIMENT NAME: Moderately Well Sorted Fine Sand

	μm	ϕ	GRAIN SIZE DISTRIBUTION			
MODE 1:	273.5	1.876	GRAVEL: 0.0%	COARSE SAND: 2.3%		
MODE 2:	193.5	2.375	SAND: 99.7%	MEDIUM SAND: 39.4%		
MODE 3:			MUD: 0.3%	FINE SAND: 54.2%		
D_{10} :	149.4	1.451		V FINE SAND: 3.9%		
MEDIAN or D_{50} :	225.7	2.148	V COARSE GRAVEL: 0.0%	V COARSE SILT: 0.3%		
D_{90} :	365.8	2.743	COARSE GRAVEL: 0.0%	COARSE SILT: 0.0%		
(D_{90} / D_{10}) :	2.449	1.891	MEDIUM GRAVEL: 0.0%	MEDIUM SILT: 0.0%		
$(D_{90} - D_{10})$:	216.5	1.292	FINE GRAVEL: 0.0%	FINE SILT: 0.0%		
(D_{75} / D_{25}) :	1.570	1.358	V FINE GRAVEL: 0.0%	V FINE SILT: 0.0%		
$(D_{75} - D_{25})$:	103.1	0.651	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}):	244.3	227.6	2.135	226.4	2.143	Fine Sand
SORTING (σ):	92.72	1.443	0.529	1.427	0.513	Moderately Well Sorted
SKEWNESS (Sk):	1.169	-0.070	0.070	0.052	-0.052	Symmetrical
KURTOSIS (K):	4.613	3.641	3.641	1.129	1.129	Leptokurtic

GRAIN SIZE DISTRIBUTION