

SIEVING ERROR: 1.3%

SAMPLE STATISTICSSAMPLE IDENTITY: **PEN-91-11_350**

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:	193.5	2.375	GRAVEL: 0.0%	COARSE SAND: 2.9%		
MODE 2:	273.5	1.876	SAND: 99.3%	MEDIUM SAND: 34.5%		
MODE 3:			MUD: 0.7%	FINE SAND: 57.8%		
D_{10} :	149.1	1.512		V FINE SAND: 3.5%		
MEDIAN or D_{50} :	214.4	2.222	V COARSE GRAVEL: 0.0%	V COARSE SILT: 0.7%		
D_{90} :	350.5	2.746	COARSE GRAVEL: 0.0%	COARSE SILT: 0.0%		
(D_{90} / D_{10}) :	2.351	1.815	MEDIUM GRAVEL: 0.0%	MEDIUM SILT: 0.0%		
$(D_{90} - D_{10})$:	201.4	1.233	FINE GRAVEL: 0.0%	FINE SILT: 0.0%		
(D_{75} / D_{25}) :	1.559	1.347	V FINE GRAVEL: 0.0%	V FINE SILT: 0.0%		
$(D_{75} - D_{25})$:	99.59	0.640	V COARSE SAND: 0.7%	CLAY: 0.0%		
	METHOD OF MOMENTS			FOLK & WARD METHOD		
	Arithmetic	Geometric	Logarithmic	Geometric	Logarithmic	Description
	μm	μm	ϕ	μm	ϕ	
MEAN (\bar{x}):	245.3	223.8	2.160	218.3	2.196	Fine Sand
SORTING (σ):	124.2	1.496	0.582	1.416	0.501	Moderately Well Sorted
SKEWNESS (Sk):	3.390	0.319	-0.319	0.131	-0.131	Coarse Skewed
KURTOSIS (K):	20.49	5.991	5.991	1.152	1.152	Leptokurtic

GRAIN SIZE DISTRIBUTION