

SIEVING ERROR: 0.1%

SAMPLE STATISTICSSAMPLE IDENTITY: **PEN-91-04_50**

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

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: 100.0%	MEDIUM SAND: 21.3%		
MODE 3:			MUD: 0.0%	FINE SAND: 59.1%		
D_{10} :	113.9	1.507		V FINE SAND: 15.8%		
MEDIAN or D_{50} :	181.3	2.464	V COARSE GRAVEL: 0.0%	V COARSE SILT: 0.0%		
D_{90} :	351.9	3.134	COARSE GRAVEL: 0.0%	COARSE SILT: 0.0%		
(D_{90} / D_{10}) :	3.090	2.080	MEDIUM GRAVEL: 0.0%	MEDIUM SILT: 0.0%		
$(D_{90} - D_{10})$:	238.0	1.627	FINE GRAVEL: 0.0%	FINE SILT: 0.0%		
(D_{75} / D_{25}) :	1.797	1.424	V FINE GRAVEL: 0.0%	V FINE SILT: 0.0%		
$(D_{75} - D_{25})$:	111.2	0.845	V COARSE SAND: 1.0%	CLAY: 0.0%		
	METHOD OF MOMENTS			FOLK & WARD METHOD		
	Arithmetic	Geometric	Logarithmic	Geometric	Logarithmic	Description
	μm	μm	ϕ	μm	ϕ	
MEAN (\bar{x}):	219.8	193.2	2.372	187.1	2.418	Fine Sand
SORTING (σ):	141.8	1.582	0.661	1.544	0.627	Moderately Well Sorted
SKEWNESS (Sk):	3.424	1.058	-1.058	0.192	-0.192	Coarse Skewed
KURTOSIS (K):	18.74	4.592	4.592	1.046	1.046	Mesokurtic

GRAIN SIZE DISTRIBUTION