

SIEVING ERROR: 0.4%

SAMPLE STATISTICSSAMPLE IDENTITY: **PEN-91-04_150**

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:	115.0	3.126	GRAVEL: 0.0%	COARSE SAND: 2.9%		
MODE 2:	273.5	1.876	SAND: 98.6%	MEDIUM SAND: 10.6%		
MODE 3:			MUD: 1.4%	FINE SAND: 42.7%		
D_{10} :	89.11	1.814		V FINE SAND: 41.8%		
MEDIAN or D_{50} :	132.8	2.913	V COARSE GRAVEL: 0.0%	V COARSE SILT: 1.4%		
D_{90} :	284.3	3.488	COARSE GRAVEL: 0.0%	COARSE SILT: 0.0%		
(D_{90} / D_{10}) :	3.191	1.923	MEDIUM GRAVEL: 0.0%	MEDIUM SILT: 0.0%		
$(D_{90} - D_{10})$:	195.2	1.674	FINE GRAVEL: 0.0%	FINE SILT: 0.0%		
(D_{75} / D_{25}) :	1.622	1.281	V FINE GRAVEL: 0.0%	V FINE SILT: 0.0%		
$(D_{75} - D_{25})$:	68.49	0.698	V COARSE SAND: 0.6%	CLAY: 0.0%		
	METHOD OF MOMENTS			FOLK & WARD METHOD		
	Arithmetic	Geometric	Logarithmic	Geometric	Logarithmic	Description
	μm	μm	ϕ	μm	ϕ	
MEAN (\bar{x}):	174.7	147.7	2.759	144.7	2.789	Fine Sand
SORTING (σ):	142.7	1.660	0.731	1.584	0.664	Moderately Well Sorted
SKEWNESS (Sk):	4.285	1.283	-1.283	0.338	-0.338	Very Coarse Skewed
KURTOSIS (K):	27.18	5.724	5.724	1.435	1.435	Leptokurtic

GRAIN SIZE DISTRIBUTION