

SIEVING ERROR: 0.5%

SAMPLE STATISTICSSAMPLE IDENTITY: **PEN-92-1_25**

ANALYST & DATE: TB/RM, 8/23/92

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: 1.4%		
MODE 2:	273.5	1.876	SAND: 98.9%	MEDIUM SAND: 22.1%		
MODE 3:			MUD: 1.1%	FINE SAND: 62.8%		
D_{10} :	115.7	1.754		V FINE SAND: 12.5%		
MEDIAN or D_{50} :	187.0	2.419	V COARSE GRAVEL: 0.0%	V COARSE SILT: 1.1%		
D_{90} :	296.5	3.112	COARSE GRAVEL: 0.0%	COARSE SILT: 0.0%		
(D_{90} / D_{10}) :	2.563	1.774	MEDIUM GRAVEL: 0.0%	MEDIUM SILT: 0.0%		
$(D_{90} - D_{10})$:	180.8	1.358	FINE GRAVEL: 0.0%	FINE SILT: 0.0%		
(D_{75} / D_{25}) :	1.677	1.367	V FINE GRAVEL: 0.0%	V FINE SILT: 0.0%		
$(D_{75} - D_{25})$:	98.71	0.746	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}):	204.5	187.9	2.412	187.9	2.412	Fine Sand
SORTING (σ):	88.44	1.492	0.578	1.471	0.557	Moderately Well Sorted
SKEWNESS (Sk):	1.698	0.046	-0.046	0.041	-0.041	Symmetrical
KURTOSIS (K):	7.656	3.676	3.676	1.033	1.033	Mesokurtic

GRAIN SIZE DISTRIBUTION