

SIEVING ERROR: 0.3%

SAMPLE STATISTICSSAMPLE IDENTITY: **PEN-91-13_373**

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

SAMPLE TYPE: Bimodal, Well Sorted

TEXTURAL GROUP: Sand

SEDIMENT NAME: Well Sorted Fine Sand

	μm	ϕ	GRAIN SIZE DISTRIBUTION			
MODE 1:	193.5	2.375	GRAVEL: 0.0%	COARSE SAND: 1.6%		
MODE 2:	273.5	1.876	SAND: 100.0%	MEDIUM SAND: 37.9%		
MODE 3:			MUD: 0.0%	FINE SAND: 59.6%		
D_{10} :	159.7	1.592		V FINE SAND: 0.8%		
MEDIAN or D_{50} :	222.6	2.167	V COARSE GRAVEL: 0.0%	V COARSE SILT: 0.0%		
D_{90} :	331.6	2.646	COARSE GRAVEL: 0.0%	COARSE SILT: 0.0%		
(D_{90} / D_{10}) :	2.076	1.662	MEDIUM GRAVEL: 0.0%	MEDIUM SILT: 0.0%		
$(D_{90} - D_{10})$:	171.9	1.054	FINE GRAVEL: 0.0%	FINE SILT: 0.0%		
(D_{75} / D_{25}) :	1.491	1.311	V FINE GRAVEL: 0.0%	V FINE SILT: 0.0%		
$(D_{75} - D_{25})$:	91.01	0.576	V COARSE SAND: 0.1%	CLAY: 0.0%		
	METHOD OF MOMENTS			FOLK & WARD METHOD		
	Arithmetic	Geometric	Logarithmic	Geometric	Logarithmic	Description
	μm	μm	ϕ	μm	ϕ	
MEAN (\bar{x}):	242.0	229.4	2.124	224.5	2.155	Fine Sand
SORTING (σ):	86.89	1.354	0.437	1.326	0.407	Well Sorted
SKEWNESS (Sk):	2.723	0.714	-0.714	0.121	-0.121	Coarse Skewed
KURTOSIS (K):	18.25	4.416	4.416	1.013	1.013	Mesokurtic

GRAIN SIZE DISTRIBUTION