

SIEVING ERROR: 0.2%

SAMPLE STATISTICSSAMPLE IDENTITY: **PEN-91-13_383**

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: 1.1%		
MODE 2:	273.5	1.876	SAND: 100.0%	MEDIUM SAND: 26.9%		
MODE 3:			MUD: 0.0%	FINE SAND: 70.5%		
D_{10} :	153.6	1.768		V FINE SAND: 1.2%		
MEDIAN or D_{50} :	203.3	2.299	V COARSE GRAVEL: 0.0%	V COARSE SILT: 0.0%		
D_{90} :	293.6	2.703	COARSE GRAVEL: 0.0%	COARSE SILT: 0.0%		
(D_{90} / D_{10}) :	1.911	1.528	MEDIUM GRAVEL: 0.0%	MEDIUM SILT: 0.0%		
$(D_{90} - D_{10})$:	140.0	0.934	FINE GRAVEL: 0.0%	FINE SILT: 0.0%		
(D_{75} / D_{25}) :	1.452	1.275	V FINE GRAVEL: 0.0%	V FINE SILT: 0.0%		
$(D_{75} - D_{25})$:	80.05	0.538	V COARSE SAND: 0.3%	CLAY: 0.0%		
	METHOD OF MOMENTS			FOLK & WARD METHOD		
	Arithmetic	Geometric	Logarithmic	Geometric	Logarithmic	Description
	μm	μm	ϕ	μm	ϕ	
MEAN (\bar{x}):	224.9	213.3	2.229	209.6	2.254	Fine Sand
SORTING (σ):	87.22	1.341	0.424	1.311	0.390	Well Sorted
SKEWNESS (Sk):	4.380	1.136	-1.136	0.177	-0.177	Coarse Skewed
KURTOSIS (K):	36.47	6.641	6.641	0.989	0.989	Mesokurtic

GRAIN SIZE DISTRIBUTION