

SIEVING ERROR: -0.2%

SAMPLE STATISTICSSAMPLE IDENTITY: **PEN-91-13_350**

ANALYST & DATE: SA/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: 2.5%		
MODE 2:	273.5	1.876	SAND: 99.9%	MEDIUM SAND: 31.3%		
MODE 3:			MUD: 0.1%	FINE SAND: 64.1%		
D_{10} :	156.1	1.622		V FINE SAND: 1.3%		
MEDIAN or D_{50} :	209.8	2.253	V COARSE GRAVEL: 0.0%	V COARSE SILT: 0.1%		
D_{90} :	325.0	2.679	COARSE GRAVEL: 0.0%	COARSE SILT: 0.0%		
(D_{90} / D_{10}) :	2.082	1.652	MEDIUM GRAVEL: 0.0%	MEDIUM SILT: 0.0%		
$(D_{90} - D_{10})$:	168.9	1.058	FINE GRAVEL: 0.0%	FINE SILT: 0.0%		
(D_{75} / D_{25}) :	1.482	1.300	V FINE GRAVEL: 0.0%	V FINE SILT: 0.0%		
$(D_{75} - D_{25})$:	87.66	0.568	V COARSE SAND: 0.7%	CLAY: 0.0%		
	METHOD OF MOMENTS			FOLK & WARD METHOD		
	Arithmetic	Geometric	Logarithmic	Geometric	Logarithmic	Description
	μm	μm	ϕ	μm	ϕ	
MEAN (\bar{x}):	243.4	225.3	2.150	216.8	2.206	Fine Sand
SORTING (σ):	121.8	1.419	0.505	1.352	0.435	Well Sorted
SKEWNESS (Sk):	4.039	1.333	-1.333	0.238	-0.238	Coarse Skewed
KURTOSIS (K):	24.77	7.078	7.078	1.140	1.140	Leptokurtic

GRAIN SIZE DISTRIBUTION