

SIEVING ERROR: 0.1%

SAMPLE STATISTICSSAMPLE IDENTITY: **PEN-91-13_100**

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

SAMPLE TYPE: Bimodal, Well Sorted

TEXTURAL GROUP: Sand

SEDIMENT NAME: Well Sorted Medium Sand

	μm	ϕ	GRAIN SIZE DISTRIBUTION			
MODE 1:	273.5	1.876	GRAVEL: 0.0%	COARSE SAND: 6.5%		
MODE 2:	193.5	2.375	SAND: 100.0%	MEDIUM SAND: 61.5%		
MODE 3:			MUD: 0.0%	FINE SAND: 31.7%		
D_{10} :	188.1	1.118		V FINE SAND: 0.3%		
MEDIAN or D_{50} :	276.1	1.856	V COARSE GRAVEL: 0.0%	V COARSE SILT: 0.0%		
D_{90} :	460.6	2.411	COARSE GRAVEL: 0.0%	COARSE SILT: 0.0%		
(D_{90} / D_{10}) :	2.449	2.155	MEDIUM GRAVEL: 0.0%	MEDIUM SILT: 0.0%		
$(D_{90} - D_{10})$:	272.5	1.292	FINE GRAVEL: 0.0%	FINE SILT: 0.0%		
(D_{75} / D_{25}) :	1.509	1.385	V FINE GRAVEL: 0.0%	V FINE SILT: 0.0%		
$(D_{75} - D_{25})$:	115.8	0.594	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}):	304.2	285.3	1.810	282.3	1.825	Medium Sand
SORTING (σ):	116.6	1.402	0.487	1.404	0.490	Well Sorted
SKEWNESS (Sk):	1.809	0.520	-0.520	0.145	-0.145	Coarse Skewed
KURTOSIS (K):	7.868	3.585	3.585	1.098	1.098	Mesokurtic

GRAIN SIZE DISTRIBUTION