

SIEVING ERROR: 0.3%

SAMPLE STATISTICSSAMPLE IDENTITY: **PEN-92-4_100**

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

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: 2.5%		
MODE 2:	193.5	2.375	SAND: 99.9%	MEDIUM SAND: 53.0%		
MODE 3:			MUD: 0.1%	FINE SAND: 42.1%		
D_{10} :	162.6	1.368		V FINE SAND: 2.1%		
MEDIAN or D_{50} :	258.3	1.953	V COARSE GRAVEL: 0.0%	V COARSE SILT: 0.1%		
D_{90} :	387.4	2.621	COARSE GRAVEL: 0.0%	COARSE SILT: 0.0%		
(D_{90} / D_{10}) :	2.383	1.915	MEDIUM GRAVEL: 0.0%	MEDIUM SILT: 0.0%		
$(D_{90} - D_{10})$:	224.8	1.253	FINE GRAVEL: 0.0%	FINE SILT: 0.0%		
(D_{75} / D_{25}) :	1.523	1.349	V FINE GRAVEL: 0.0%	V FINE SILT: 0.0%		
$(D_{75} - D_{25})$:	102.8	0.607	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}):	267.6	250.3	1.998	251.2	1.993	Medium Sand
SORTING (σ):	103.9	1.420	0.506	1.398	0.484	Well Sorted
SKEWNESS (Sk):	2.239	0.097	-0.097	-0.077	0.077	Symmetrical
KURTOSIS (K):	13.66	4.429	4.429	1.137	1.137	Leptokurtic

GRAIN SIZE DISTRIBUTION