

SIEVING ERROR: 0.4%

SAMPLE STATISTICSSAMPLE IDENTITY: **PEN-92-7_25**

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: 3.6%		
MODE 2:	193.5	2.375	SAND: 100.0%	MEDIUM SAND: 57.0%		
MODE 3:			MUD: 0.0%	FINE SAND: 35.3%		
D_{10} :	178.9	1.243		V FINE SAND: 1.3%		
MEDIAN or D_{50} :	266.0	1.911	V COARSE GRAVEL: 0.0%	V COARSE SILT: 0.0%		
D_{90} :	422.6	2.483	COARSE GRAVEL: 0.0%	COARSE SILT: 0.0%		
(D_{90} / D_{10}) :	2.362	1.998	MEDIUM GRAVEL: 0.0%	MEDIUM SILT: 0.0%		
$(D_{90} - D_{10})$:	243.6	1.240	FINE GRAVEL: 0.0%	FINE SILT: 0.0%		
(D_{75} / D_{25}) :	1.433	1.300	V FINE GRAVEL: 0.0%	V FINE SILT: 0.0%		
$(D_{75} - D_{25})$:	91.12	0.519	V COARSE SAND: 2.9%	CLAY: 0.0%		
	METHOD OF MOMENTS			FOLK & WARD METHOD		
	Arithmetic	Geometric	Logarithmic	Geometric	Logarithmic	Description
	μm	μm	ϕ	μm	ϕ	
MEAN (\bar{x}):	299.4	270.9	1.884	259.8	1.944	Medium Sand
SORTING (σ):	171.2	1.490	0.575	1.410	0.495	Well Sorted
SKEWNESS (Sk):	3.288	1.273	-1.273	0.031	-0.031	Symmetrical
KURTOSIS (K):	14.98	6.225	6.225	1.466	1.466	Leptokurtic

GRAIN SIZE DISTRIBUTION