

SIEVING ERROR: 0.1%

SAMPLE STATISTICSSAMPLE IDENTITY: **PEN-92-6_50**

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: 1.3%		
MODE 2:	193.5	2.375	SAND: 100.0%	MEDIUM SAND: 48.9%		
MODE 3:			MUD: 0.0%	FINE SAND: 46.9%		
D_{10} :	153.1	1.595		V FINE SAND: 2.2%		
MEDIAN or D_{50} :	251.2	1.993	V COARSE GRAVEL: 0.0%	V COARSE SILT: 0.0%		
D_{90} :	331.1	2.708	COARSE GRAVEL: 0.0%	COARSE SILT: 0.0%		
(D_{90} / D_{10}) :	2.163	1.698	MEDIUM GRAVEL: 0.0%	MEDIUM SILT: 0.0%		
$(D_{90} - D_{10})$:	178.0	1.113	FINE GRAVEL: 0.0%	FINE SILT: 0.0%		
(D_{75} / D_{25}) :	1.521	1.335	V FINE GRAVEL: 0.0%	V FINE SILT: 0.0%		
$(D_{75} - D_{25})$:	97.95	0.605	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}):	252.2	236.0	2.083	234.5	2.092	Fine Sand
SORTING (σ):	109.4	1.399	0.485	1.345	0.427	Well Sorted
SKEWNESS (Sk):	4.154	0.657	-0.657	-0.301	0.301	Very Fine Skewed
KURTOSIS (K):	30.16	5.966	5.966	0.965	0.965	Mesokurtic

GRAIN SIZE DISTRIBUTION