

SIEVING ERROR: 1.6%

SAMPLE STATISTICSSAMPLE IDENTITY: **PEN-92-5_50**

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

SAMPLE TYPE: Bimodal, Moderately Sorted

TEXTURAL GROUP: Muddy Sand

SEDIMENT NAME: Very Coarse Silty Very Fine Sand

	μm	ϕ	GRAIN SIZE DISTRIBUTION			
MODE 1:	96.50	3.379	GRAVEL: 0.0%	COARSE SAND: 2.6%		
MODE 2:	40.50	4.631	SAND: 89.5%	MEDIUM SAND: 6.5%		
MODE 3:			MUD: 10.5%	FINE SAND: 12.6%		
D_{10} :	61.28	2.111		V FINE SAND: 67.6%		
MEDIAN or D_{50} :	94.78	3.399	V COARSE GRAVEL: 0.0%	V COARSE SILT: 10.5%		
D_{90} :	231.5	4.028	COARSE GRAVEL: 0.0%	COARSE SILT: 0.0%		
(D_{90} / D_{10}) :	3.778	1.909	MEDIUM GRAVEL: 0.0%	MEDIUM SILT: 0.0%		
$(D_{90} - D_{10})$:	170.3	1.918	FINE GRAVEL: 0.0%	FINE SILT: 0.0%		
(D_{75} / D_{25}) :	1.629	1.231	V FINE GRAVEL: 0.0%	V FINE SILT: 0.0%		
$(D_{75} - D_{25})$:	46.78	0.704	V COARSE SAND: 0.2%	CLAY: 0.0%		
	METHOD OF MOMENTS			FOLK & WARD METHOD		
	Arithmetic	Geometric	Logarithmic	Geometric	Logarithmic	Description
	μm	μm	ϕ	μm	ϕ	
MEAN (\bar{x}):	129.8	104.3	3.262	99.79	3.325	Very Fine Sand
SORTING (σ):	123.3	1.771	0.825	1.698	0.763	Moderately Sorted
SKEWNESS (Sk):	3.892	1.342	-1.342	0.246	-0.246	Coarse Skewed
KURTOSIS (K):	21.77	5.422	5.422	1.760	1.760	Very Leptokurtic

GRAIN SIZE DISTRIBUTION