

SIEVING ERROR: 1.8%

SAMPLE STATISTICSSAMPLE IDENTITY: **PEN-92-5_75**

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

SAMPLE TYPE: Trimodal, Moderately Sorted

TEXTURAL GROUP: Muddy Sand

SEDIMENT NAME: Very Coarse Silty Very Fine Sand

	μm	ϕ	GRAIN SIZE DISTRIBUTION			
MODE 1:	115.0	3.126	GRAVEL: 0.0%	COARSE SAND: 4.4%		
MODE 2:	40.50	4.631	SAND: 89.9%	MEDIUM SAND: 10.2%		
MODE 3:	273.5	1.876	MUD: 10.1%	FINE SAND: 24.2%		
D_{10} :	61.86	1.660		V FINE SAND: 50.9%		
MEDIAN or D_{50} :	115.2	3.117	V COARSE GRAVEL: 0.0%	V COARSE SILT: 10.1%		
D_{90} :	316.5	4.015	COARSE GRAVEL: 0.0%	COARSE SILT: 0.0%		
(D_{90} / D_{10}) :	5.116	2.419	MEDIUM GRAVEL: 0.0%	MEDIUM SILT: 0.0%		
$(D_{90} - D_{10})$:	254.6	2.355	FINE GRAVEL: 0.0%	FINE SILT: 0.0%		
(D_{75} / D_{25}) :	1.772	1.307	V FINE GRAVEL: 0.0%	V FINE SILT: 0.0%		
$(D_{75} - D_{25})$:	67.76	0.825	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}):	159.8	125.2	2.997	125.1	2.999	Fine Sand
SORTING (σ):	143.0	1.893	0.921	1.910	0.933	Moderately Sorted
SKEWNESS (Sk):	2.894	0.763	-0.763	0.202	-0.202	Coarse Skewed
KURTOSIS (K):	13.00	3.820	3.820	1.741	1.741	Very Leptokurtic

GRAIN SIZE DISTRIBUTION