

SIEVING ERROR: 0.4%

SAMPLE STATISTICS

SAMPLE IDENTITY: **PEN-92-7_75**

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: 4.0%		
MODE 2:	193.5	2.375	SAND: 100.0%	MEDIUM SAND: 58.3%		
MODE 3:			MUD: 0.0%	FINE SAND: 35.4%		
D_{10} :	178.6	1.248		V FINE SAND: 0.9%		
MEDIAN or D_{50} :	266.6	1.907	V COARSE GRAVEL: 0.0%	V COARSE SILT: 0.0%		
D_{90} :	421.1	2.485	COARSE GRAVEL: 0.0%	COARSE SILT: 0.0%		
(D_{90} / D_{10}) :	2.358	1.992	MEDIUM GRAVEL: 0.0%	MEDIUM SILT: 0.0%		
$(D_{90} - D_{10})$:	242.5	1.238	FINE GRAVEL: 0.0%	FINE SILT: 0.0%		
(D_{75} / D_{25}) :	1.439	1.306	V FINE GRAVEL: 0.0%	V FINE SILT: 0.0%		
$(D_{75} - D_{25})$:	93.04	0.525	V COARSE SAND: 1.4%	CLAY: 0.0%		
	METHOD OF MOMENTS			FOLK & WARD METHOD		
	Arithmetic	Geometric	Logarithmic	Geometric	Logarithmic	Description
	μm	μm	ϕ	μm	ϕ	
MEAN (\bar{x}):	290.5	268.7	1.896	261.2	1.937	Medium Sand
SORTING (σ):	138.5	1.433	0.519	1.391	0.476	Well Sorted
SKEWNESS (Sk):	3.345	0.971	-0.971	0.007	-0.007	Symmetrical
KURTOSIS (K):	18.28	5.636	5.636	1.329	1.329	Leptokurtic

GRAIN SIZE DISTRIBUTION

