

SIEVING ERROR: 0.5%

**SAMPLE STATISTICS**SAMPLE IDENTITY: **PEN-93-1\_450**

ANALYST &amp; DATE: TB/RM, 7/29/1993

SAMPLE TYPE: Bimodal, Moderately Well Sorted

TEXTURAL GROUP: Sand

SEDIMENT NAME: Moderately Well Sorted Fine Sand

	$\mu\text{m}$	$\phi$	GRAIN SIZE DISTRIBUTION			
MODE 1:	193.5	2.375	GRAVEL: 0.0%	COARSE SAND: 3.3%		
MODE 2:	273.5	1.876	SAND: 99.6%	MEDIUM SAND: 30.5%		
MODE 3:			MUD: 0.4%	FINE SAND: 55.0%		
$D_{10}$ :	121.5	1.411		V FINE SAND: 10.8%		
MEDIAN or $D_{50}$ :	195.9	2.352	V COARSE GRAVEL: 0.0%	V COARSE SILT: 0.4%		
$D_{90}$ :	376.1	3.041	COARSE GRAVEL: 0.0%	COARSE SILT: 0.0%		
$(D_{90} / D_{10})$ :	3.095	2.155	MEDIUM GRAVEL: 0.0%	MEDIUM SILT: 0.0%		
$(D_{90} - D_{10})$ :	254.6	1.630	FINE GRAVEL: 0.0%	FINE SILT: 0.0%		
$(D_{75} / D_{25})$ :	1.823	1.465	V FINE GRAVEL: 0.0%	V FINE SILT: 0.0%		
$(D_{75} - D_{25})$ :	124.1	0.866	V COARSE SAND: 0.0%	CLAY: 0.0%		
	METHOD OF MOMENTS			FOLK & WARD METHOD		
	Arithmetic	Geometric	Logarithmic	Geometric	Logarithmic	Description
	$\mu\text{m}$	$\mu\text{m}$	$\phi$	$\mu\text{m}$	$\phi$	
MEAN ( $\bar{x}$ ):	228.8	205.5	2.283	201.5	2.311	Fine Sand
SORTING ( $\sigma$ ):	114.9	1.560	0.642	1.543	0.626	Moderately Well Sorted
SKEWNESS ( $Sk$ ):	1.899	0.290	-0.290	0.140	-0.140	Coarse Skewed
KURTOSIS ( $K$ ):	8.680	3.302	3.302	0.997	0.997	Mesokurtic

**GRAIN SIZE DISTRIBUTION**