

SIEVING ERROR: 0.6%

**SAMPLE STATISTICS**SAMPLE IDENTITY: **PEN-92-1\_50**

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

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: 3.2%		
MODE 2:	273.5	1.876	SAND: 98.9%	MEDIUM SAND: 27.7%		
MODE 3:			MUD: 1.1%	FINE SAND: 58.1%		
$D_{10}$ :	122.0	1.507		V FINE SAND: 9.8%		
MEDIAN or $D_{50}$ :	195.9	2.352	V COARSE GRAVEL: 0.0%	V COARSE SILT: 1.1%		
$D_{90}$ :	351.9	3.035	COARSE GRAVEL: 0.0%	COARSE SILT: 0.0%		
$(D_{90} / D_{10})$ :	2.884	2.014	MEDIUM GRAVEL: 0.0%	MEDIUM SILT: 0.0%		
$(D_{90} - D_{10})$ :	229.9	1.528	FINE GRAVEL: 0.0%	FINE SILT: 0.0%		
$(D_{75} / D_{25})$ :	1.734	1.417	V FINE GRAVEL: 0.0%	V FINE SILT: 0.0%		
$(D_{75} - D_{25})$ :	113.1	0.794	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 ( $\bar{x}$ ):	223.8	202.4	2.304	198.6	2.332	Fine Sand
SORTING ( $\sigma$ ):	106.3	1.543	0.626	1.514	0.598	Moderately Well Sorted
SKEWNESS ( $Sk$ ):	1.647	0.131	-0.131	0.106	-0.106	Coarse Skewed
KURTOSIS ( $K$ ):	6.510	3.502	3.502	1.082	1.082	Mesokurtic

**GRAIN SIZE DISTRIBUTION**