

SIEVING ERROR: 0.7%

**SAMPLE STATISTICS**SAMPLE IDENTITY: **PEN-93-2\_10**

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: 4.0%		
MODE 2:	273.5	1.876	SAND: 98.4%	MEDIUM SAND: 34.9%		
MODE 3:			MUD: 1.6%	FINE SAND: 52.5%		
$D_{10}$ :	129.6	1.350		V FINE SAND: 6.9%		
MEDIAN or $D_{50}$ :	215.5	2.214	V COARSE GRAVEL: 0.0%	V COARSE SILT: 1.6%		
$D_{90}$ :	392.2	2.948	COARSE GRAVEL: 0.0%	COARSE SILT: 0.0%		
$(D_{90} / D_{10})$ :	3.027	2.183	MEDIUM GRAVEL: 0.0%	MEDIUM SILT: 0.0%		
$(D_{90} - D_{10})$ :	262.6	1.598	FINE GRAVEL: 0.0%	FINE SILT: 0.0%		
$(D_{75} / D_{25})$ :	1.667	1.405	V FINE GRAVEL: 0.0%	V FINE SILT: 0.0%		
$(D_{75} - D_{25})$ :	113.4	0.737	V COARSE SAND: 0.1%	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 ( $\bar{x}$ ):	243.6	219.3	2.189	218.8	2.192	Fine Sand
SORTING ( $\sigma$ ):	117.7	1.570	0.651	1.526	0.610	Moderately Well Sorted
SKEWNESS ( $Sk$ ):	1.899	-0.124	0.124	0.065	-0.065	Symmetrical
KURTOSIS ( $K$ ):	9.759	3.909	3.909	1.206	1.206	Leptokurtic

**GRAIN SIZE DISTRIBUTION**