

SIEVING ERROR: 0.4%

**SAMPLE STATISTICS**SAMPLE IDENTITY: **PEN-93-2\_125**

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

SAMPLE TYPE: Trimodal, Moderately Well Sorted

TEXTURAL GROUP: Sand

SEDIMENT NAME: Moderately Well Sorted Fine Sand

	$\mu\text{m}$	$\phi$	GRAIN SIZE DISTRIBUTION			
MODE 1:	273.5	1.876	GRAVEL: 0.0%	COARSE SAND: 7.2%		
MODE 2:	193.5	2.375	SAND: 99.5%	MEDIUM SAND: 39.0%		
MODE 3:	460.0	1.126	MUD: 0.5%	FINE SAND: 49.2%		
$D_{10}$ :	146.8	1.118		V FINE SAND: 4.0%		
MEDIAN or $D_{50}$ :	237.8	2.072	V COARSE GRAVEL: 0.0%	V COARSE SILT: 0.5%		
$D_{90}$ :	460.8	2.769	COARSE GRAVEL: 0.0%	COARSE SILT: 0.0%		
$(D_{90} / D_{10})$ :	3.140	2.477	MEDIUM GRAVEL: 0.0%	MEDIUM SILT: 0.0%		
$(D_{90} - D_{10})$ :	314.1	1.651	FINE GRAVEL: 0.0%	FINE SILT: 0.0%		
$(D_{75} / D_{25})$ :	1.654	1.421	V FINE GRAVEL: 0.0%	V FINE SILT: 0.0%		
$(D_{75} - D_{25})$ :	119.6	0.726	V COARSE SAND: 0.2%	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 ( $\bar{x}$ ):	270.7	243.2	2.040	244.2	2.034	Fine Sand
SORTING ( $\sigma$ ):	136.9	1.558	0.640	1.540	0.623	Moderately Well Sorted
SKEWNESS ( $Sk$ ):	1.982	0.287	-0.287	0.120	-0.120	Coarse Skewed
KURTOSIS ( $K$ ):	9.014	3.608	3.608	1.192	1.192	Leptokurtic

**GRAIN SIZE DISTRIBUTION**