

SIEVING ERROR: 0.2%

**SAMPLE STATISTICS**SAMPLE IDENTITY: **PEN-93-3\_275**

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

SAMPLE TYPE: Bimodal, Moderately Well Sorted

TEXTURAL GROUP: Sand

SEDIMENT NAME: Moderately Well Sorted Medium Sand

	$\mu\text{m}$	$\phi$	GRAIN SIZE DISTRIBUTION			
MODE 1:	460.0	1.126	GRAVEL: 0.0%	COARSE SAND: 33.7%		
MODE 2:	273.5	1.876	SAND: 99.8%	MEDIUM SAND: 55.1%		
MODE 3:			MUD: 0.2%	FINE SAND: 8.1%		
$D_{10}$ :	252.3	0.525		V FINE SAND: 1.1%		
MEDIAN or $D_{50}$ :	435.4	1.199	V COARSE GRAVEL: 0.0%	V COARSE SILT: 0.2%		
$D_{90}$ :	694.9	1.987	COARSE GRAVEL: 0.0%	COARSE SILT: 0.0%		
$(D_{90} / D_{10})$ :	2.754	3.783	MEDIUM GRAVEL: 0.0%	MEDIUM SILT: 0.0%		
$(D_{90} - D_{10})$ :	442.6	1.462	FINE GRAVEL: 0.0%	FINE SILT: 0.0%		
$(D_{75} / D_{25})$ :	1.777	1.972	V FINE GRAVEL: 0.0%	V FINE SILT: 0.0%		
$(D_{75} - D_{25})$ :	242.0	0.829	V COARSE SAND: 1.8%	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 ( $\bar{x}$ ):	458.0	416.2	1.265	418.6	1.256	Medium Sand
SORTING ( $\sigma$ ):	198.1	1.555	0.636	1.520	0.604	Moderately Well Sorted
SKEWNESS ( $Sk$ ):	1.250	-0.508	0.508	-0.123	0.123	Fine Skewed
KURTOSIS ( $K$ ):	6.064	4.357	4.357	1.023	1.023	Mesokurtic

**GRAIN SIZE DISTRIBUTION**