

SIEVING ERROR: 0.2%

**SAMPLE STATISTICS**SAMPLE IDENTITY: **PEN-93-3\_75**

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: 22.0%		
MODE 2:	273.5	1.876	SAND: 99.8%	MEDIUM SAND: 67.1%		
MODE 3:			MUD: 0.2%	FINE SAND: 9.7%		
$D_{10}$ :	240.0	0.802		V FINE SAND: 1.0%		
MEDIAN or $D_{50}$ :	380.5	1.394	V COARSE GRAVEL: 0.0%	V COARSE SILT: 0.2%		
$D_{90}$ :	573.6	2.059	COARSE GRAVEL: 0.0%	COARSE SILT: 0.0%		
$(D_{90} / D_{10})$ :	2.390	2.568	MEDIUM GRAVEL: 0.0%	MEDIUM SILT: 0.0%		
$(D_{90} - D_{10})$ :	333.6	1.257	FINE GRAVEL: 0.0%	FINE SILT: 0.0%		
$(D_{75} / D_{25})$ :	1.686	1.725	V FINE GRAVEL: 0.0%	V FINE SILT: 0.0%		
$(D_{75} - D_{25})$ :	197.9	0.753	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 ( $\bar{x}$ ):	396.2	369.4	1.437	377.1	1.407	Medium Sand
SORTING ( $\sigma$ ):	139.1	1.461	0.547	1.433	0.519	Moderately Well Sorted
SKEWNESS ( $Sk$ ):	0.563	-0.737	0.737	-0.091	0.091	Symmetrical
KURTOSIS ( $K$ ):	3.560	4.611	4.611	0.944	0.944	Mesokurtic

**GRAIN SIZE DISTRIBUTION**