

SIEVING ERROR: 0.6%

**SAMPLE STATISTICS**SAMPLE IDENTITY: **PEN-93-5\_325**

ANALYST &amp; DATE: TB/RM, 7/31/1993

SAMPLE TYPE: Unimodal, 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: 29.7%		
MODE 2:			SAND: 100.0%	MEDIUM SAND: 61.9%		
MODE 3:			MUD: 0.0%	FINE SAND: 6.4%		
D <sub>10</sub> :	259.7	0.636		V FINE SAND: 0.7%		
MEDIAN or D <sub>50</sub> :	423.4	1.240	V COARSE GRAVEL: 0.0%	V COARSE SILT: 0.0%		
D <sub>90</sub> :	643.5	1.945	COARSE GRAVEL: 0.0%	COARSE SILT: 0.0%		
(D <sub>90</sub> / D <sub>10</sub> ):	2.478	3.059	MEDIUM GRAVEL: 0.0%	MEDIUM SILT: 0.0%		
(D <sub>90</sub> - D <sub>10</sub> ):	383.9	1.309	FINE GRAVEL: 0.0%	FINE SILT: 0.0%		
(D <sub>75</sub> / D <sub>25</sub> ):	1.686	1.823	V FINE GRAVEL: 0.0%	V FINE SILT: 0.0%		
(D <sub>75</sub> - D <sub>25</sub> ):	215.7	0.754	V COARSE SAND: 1.3%	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 ( $\bar{x}$ ):	442.3	409.0	1.290	409.5	1.288	Medium Sand
SORTING ( $\sigma$ ):	174.9	1.478	0.564	1.455	0.541	Moderately Well Sorted
SKEWNESS ( $Sk$ ):	1.287	-0.267	0.267	-0.110	0.110	Fine Skewed
KURTOSIS ( $K$ ):	6.198	3.700	3.700	1.005	1.005	Mesokurtic

**GRAIN SIZE DISTRIBUTION**