

SIEVING ERROR: 0.3%

**SAMPLE STATISTICS**SAMPLE IDENTITY: **PEN-93-5\_275**

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: 30.6%		
MODE 2:			SAND: 100.0%	MEDIUM SAND: 59.7%		
MODE 3:			MUD: 0.0%	FINE SAND: 7.8%		
D <sub>10</sub> :	254.3	0.622		V FINE SAND: 1.0%		
MEDIAN or D <sub>50</sub> :	423.6	1.239	V COARSE GRAVEL: 0.0%	V COARSE SILT: 0.0%		
D <sub>90</sub> :	649.6	1.975	COARSE GRAVEL: 0.0%	COARSE SILT: 0.0%		
(D <sub>90</sub> / D <sub>10</sub> ):	2.554	3.174	MEDIUM GRAVEL: 0.0%	MEDIUM SILT: 0.0%		
(D <sub>90</sub> - D <sub>10</sub> ):	395.3	1.353	FINE GRAVEL: 0.0%	FINE SILT: 0.0%		
(D <sub>75</sub> / D <sub>25</sub> ):	1.720	1.861	V FINE GRAVEL: 0.0%	V FINE SILT: 0.0%		
(D <sub>75</sub> - D <sub>25</sub> ):	223.0	0.783	V COARSE SAND: 1.1%	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 ( $\bar{x}$ ):	440.0	404.6	1.305	407.5	1.295	Medium Sand
SORTING ( $\sigma$ ):	177.0	1.506	0.590	1.489	0.574	Moderately Well Sorted
SKEWNESS ( $Sk$ ):	1.108	-0.387	0.387	-0.149	0.149	Fine Skewed
KURTOSIS ( $K$ ):	5.443	3.581	3.581	1.054	1.054	Mesokurtic

**GRAIN SIZE DISTRIBUTION**