

SIEVING ERROR: 0.0%

**SAMPLE STATISTICS**SAMPLE IDENTITY: **PEN-91-05\_450**

ANALYST &amp; DATE: SA/RM, 8/19/91

SAMPLE TYPE: Unimodal, Moderately Well Sorted

TEXTURAL GROUP: Sand

SEDIMENT NAME: Moderately Well Sorted Coarse Sand

	$\mu\text{m}$	$\phi$	GRAIN SIZE DISTRIBUTION			
MODE 1:	547.5	0.875	GRAVEL: 0.0%	COARSE SAND: 49.8%		
MODE 2:			SAND: 100.0%	MEDIUM SAND: 41.9%		
MODE 3:			MUD: 0.0%	FINE SAND: 2.5%		
D <sub>10</sub> :	298.2	0.149		V FINE SAND: 0.2%		
MEDIAN or D <sub>50</sub> :	522.0	0.938	V COARSE GRAVEL: 0.0%	V COARSE SILT: 0.0%		
D <sub>90</sub> :	901.6	1.746	COARSE GRAVEL: 0.0%	COARSE SILT: 0.0%		
(D <sub>90</sub> / D <sub>10</sub> ):	3.024	11.68	MEDIUM GRAVEL: 0.0%	MEDIUM SILT: 0.0%		
(D <sub>90</sub> - D <sub>10</sub> ):	603.4	1.596	FINE GRAVEL: 0.0%	FINE SILT: 0.0%		
(D <sub>75</sub> / D <sub>25</sub> ):	1.667	2.293	V FINE GRAVEL: 0.0%	V FINE SILT: 0.0%		
(D <sub>75</sub> - D <sub>25</sub> ):	269.5	0.737	V COARSE SAND: 5.5%	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 ( $\bar{x}$ ):	565.6	518.7	0.947	518.4	0.948	Coarse Sand
SORTING ( $\sigma$ ):	236.4	1.507	0.592	1.520	0.604	Moderately Well Sorted
SKEWNESS ( $Sk$ ):	1.113	-0.130	0.130	-0.015	0.015	Symmetrical
KURTOSIS ( $K$ ):	4.553	3.307	3.307	1.087	1.087	Mesokurtic

**GRAIN SIZE DISTRIBUTION**