

SIEVING ERROR: 0.0%

**SAMPLE STATISTICS**SAMPLE IDENTITY: **PEN-91-02\_225**

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

SAMPLE TYPE: Trimodal, Moderately Sorted

TEXTURAL GROUP: Sand

SEDIMENT NAME: Moderately Sorted Medium Sand

	$\mu\text{m}$	$\phi$	GRAIN SIZE DISTRIBUTION			
MODE 1:	273.5	1.876	GRAVEL: 0.0%	COARSE SAND: 32.0%		
MODE 2:	547.5	0.875	SAND: 100.0%	MEDIUM SAND: 44.4%		
MODE 3:	193.5	2.375	MUD: 0.0%	FINE SAND: 18.8%		
D <sub>10</sub> :	196.3	0.318		V FINE SAND: 0.6%		
MEDIAN or D <sub>50</sub> :	400.3	1.321	V COARSE GRAVEL: 0.0%	V COARSE SILT: 0.0%		
D <sub>90</sub> :	802.2	2.349	COARSE GRAVEL: 0.0%	COARSE SILT: 0.0%		
(D <sub>90</sub> / D <sub>10</sub> ):	4.086	7.386	MEDIUM GRAVEL: 0.0%	MEDIUM SILT: 0.0%		
(D <sub>90</sub> - D <sub>10</sub> ):	605.9	2.031	FINE GRAVEL: 0.0%	FINE SILT: 0.0%		
(D <sub>75</sub> / D <sub>25</sub> ):	2.159	2.388	V FINE GRAVEL: 0.0%	V FINE SILT: 0.0%		
(D <sub>75</sub> - D <sub>25</sub> ):	308.3	1.110	V COARSE SAND: 4.1%	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 ( $\bar{x}$ ):	455.6	395.4	1.339	395.5	1.338	Medium Sand
SORTING ( $\sigma$ ):	248.1	1.692	0.759	1.705	0.770	Moderately Sorted
SKEWNESS ( $Sk$ ):	1.188	0.068	-0.068	-0.005	0.005	Symmetrical
KURTOSIS ( $K$ ):	4.259	2.361	2.361	0.917	0.917	Mesokurtic

**GRAIN SIZE DISTRIBUTION**