

SIEVING ERROR: 0.2%

**SAMPLE STATISTICS**SAMPLE IDENTITY: **PEN-93-5\_350**

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:	547.5	0.875	GRAVEL: 0.0%	COARSE SAND: 38.1%		
MODE 2:			SAND: 100.0%	MEDIUM SAND: 57.5%		
MODE 3:			MUD: 0.0%	FINE SAND: 1.3%		
D <sub>10</sub> :	294.9	0.490		V FINE SAND: 0.1%		
MEDIAN or D <sub>50</sub> :	466.3	1.101	V COARSE GRAVEL: 0.0%	V COARSE SILT: 0.0%		
D <sub>90</sub> :	712.2	1.762	COARSE GRAVEL: 0.0%	COARSE SILT: 0.0%		
(D <sub>90</sub> / D <sub>10</sub> ):	2.415	3.599	MEDIUM GRAVEL: 0.0%	MEDIUM SILT: 0.0%		
(D <sub>90</sub> - D <sub>10</sub> ):	417.4	1.272	FINE GRAVEL: 0.0%	FINE SILT: 0.0%		
(D <sub>75</sub> / D <sub>25</sub> ):	1.554	1.776	V FINE GRAVEL: 0.0%	V FINE SILT: 0.0%		
(D <sub>75</sub> - D <sub>25</sub> ):	202.0	0.636	V COARSE SAND: 3.0%	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 ( $\bar{x}$ ):	495.9	464.2	1.107	455.4	1.135	Medium Sand
SORTING ( $\sigma$ ):	186.4	1.416	0.502	1.417	0.503	Moderately Well Sorted
SKEWNESS ( $Sk$ ):	1.463	0.208	-0.208	-0.016	0.016	Symmetrical
KURTOSIS ( $K$ ):	5.957	3.486	3.486	1.115	1.115	Leptokurtic

**GRAIN SIZE DISTRIBUTION**