

SIEVING ERROR: 0.0%

**SAMPLE STATISTICS**SAMPLE IDENTITY: **PEN-93-6\_350**

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

SAMPLE TYPE: Bimodal, Well Sorted

TEXTURAL GROUP: Sand

SEDIMENT NAME: Well Sorted Very Fine Sand

	$\mu\text{m}$	$\phi$	GRAIN SIZE DISTRIBUTION			
MODE 1:	115.0	3.126	GRAVEL: 0.0%	COARSE SAND: 0.0%		
MODE 2:	81.00	3.631	SAND: 98.8%	MEDIUM SAND: 1.0%		
MODE 3:			MUD: 1.2%	FINE SAND: 12.8%		
D <sub>10</sub> :	68.76	2.890		V FINE SAND: 85.0%		
MEDIAN or D <sub>50</sub> :	97.40	3.360	V COARSE GRAVEL: 0.0%	V COARSE SILT: 1.2%		
D <sub>90</sub> :	134.9	3.862	COARSE GRAVEL: 0.0%	COARSE SILT: 0.0%		
(D <sub>90</sub> / D <sub>10</sub> ):	1.962	1.336	MEDIUM GRAVEL: 0.0%	MEDIUM SILT: 0.0%		
(D <sub>90</sub> - D <sub>10</sub> ):	66.15	0.972	FINE GRAVEL: 0.0%	FINE SILT: 0.0%		
(D <sub>75</sub> / D <sub>25</sub> ):	1.480	1.182	V FINE GRAVEL: 0.0%	V FINE SILT: 0.0%		
(D <sub>75</sub> - D <sub>25</sub> ):	37.78	0.565	V COARSE SAND: 0.0%	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 ( $\bar{x}$ ):	102.9	97.89	3.353	95.70	3.385	Very Fine Sand
SORTING ( $\sigma$ ):	38.22	1.327	0.409	1.292	0.370	Well Sorted
SKEWNESS ( $Sk$ ):	4.428	1.127	-1.127	-0.032	0.032	Symmetrical
KURTOSIS ( $K$ ):	36.56	6.750	6.750	0.864	0.864	Platykurtic

**GRAIN SIZE DISTRIBUTION**