

SIEVING ERROR: 0.6%

**SAMPLE STATISTICS**SAMPLE IDENTITY: **PEN-93-6\_325**

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: 99.3%	MEDIUM SAND: 1.2%		
MODE 3:			MUD: 0.7%	FINE SAND: 16.2%		
D <sub>10</sub> :	70.37	2.836		V FINE SAND: 81.9%		
MEDIAN or D <sub>50</sub> :	105.2	3.249	V COARSE GRAVEL: 0.0%	V COARSE SILT: 0.7%		
D <sub>90</sub> :	140.1	3.829	COARSE GRAVEL: 0.0%	COARSE SILT: 0.0%		
(D <sub>90</sub> / D <sub>10</sub> ):	1.990	1.350	MEDIUM GRAVEL: 0.0%	MEDIUM SILT: 0.0%		
(D <sub>90</sub> - D <sub>10</sub> ):	69.69	0.993	FINE GRAVEL: 0.0%	FINE SILT: 0.0%		
(D <sub>75</sub> / D <sub>25</sub> ):	1.468	1.181	V FINE GRAVEL: 0.0%	V FINE SILT: 0.0%		
(D <sub>75</sub> - D <sub>25</sub> ):	38.29	0.554	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 ( $\bar{x}$ ):	107.2	102.1	3.292	100.4	3.317	Very Fine Sand
SORTING ( $\sigma$ ):	38.68	1.332	0.414	1.303	0.382	Well Sorted
SKEWNESS ( $Sk$ ):	3.772	0.938	-0.938	-0.161	0.161	Fine Skewed
KURTOSIS ( $K$ ):	28.55	5.902	5.902	0.931	0.931	Mesokurtic

**GRAIN SIZE DISTRIBUTION**