

SIEVING ERROR: 0.4%			<b><u>SAMPLE STATISTICS</u></b>			
SAMPLE IDENTITY: <b>PEN-92-6_100</b>			ANALYST & DATE: TB/RM, 8/23/92			
SAMPLE TYPE: Bimodal, Moderately Well Sorted			TEXTURAL GROUP: Sand			
SEDIMENT NAME: Moderately Well Sorted Medium Sand						
	$\mu\text{m}$	$\phi$	GRAIN SIZE DISTRIBUTION			
MODE 1:	273.5	1.876	GRAVEL: 0.0%		COARSE SAND: 2.7%	
MODE 2:	193.5	2.375	SAND: 100.0%		MEDIUM SAND: 61.5%	
MODE 3:			MUD: 0.0%		FINE SAND: 32.7%	
D <sub>10</sub> :	153.8	1.230			V FINE SAND: 2.8%	
MEDIAN or D <sub>50</sub> :	276.3	1.856	V COARSE GRAVEL: 0.0%		V COARSE SILT: 0.0%	
D <sub>90</sub> :	426.2	2.701	COARSE GRAVEL: 0.0%		COARSE SILT: 0.0%	
(D <sub>90</sub> / D <sub>10</sub> ):	2.772	2.196	MEDIUM GRAVEL: 0.0%		MEDIUM SILT: 0.0%	
(D <sub>90</sub> - D <sub>10</sub> ):	272.5	1.471	FINE GRAVEL: 0.0%		FINE SILT: 0.0%	
(D <sub>75</sub> / D <sub>25</sub> ):	1.705	1.497	V FINE GRAVEL: 0.0%		V FINE SILT: 0.0%	
(D <sub>75</sub> - D <sub>25</sub> ):	141.4	0.770	V COARSE SAND: 0.3%		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 ( $\bar{x}$ ):	287.5	265.8	1.911	265.1	1.916	Medium Sand
SORTING ( $\sigma$ ):	116.6	1.472	0.558	1.479	0.564	Moderately Well Sorted
SKEWNESS ( $Sk$ ):	1.838	-0.080	0.080	-0.148	0.148	Fine Skewed
KURTOSIS ( $K$ ):	11.67	3.177	3.177	0.978	0.978	Mesokurtic

