

SIEVING ERROR: 1.5%			<u>SAMPLE STATISTICS</u>			
SAMPLE IDENTITY: <b>PEN-91-06_5</b>			ANALYST & DATE: TC/RM, 8/20/91			
SAMPLE TYPE: Polymodal, 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: 11.7%		
MODE 2:	460.0	1.126	SAND: 95.2%	MEDIUM SAND: 51.6%		
MODE 3:	193.5	2.375	MUD: 4.8%	FINE SAND: 26.0%		
D <sub>10</sub> :	118.5	0.949		V FINE SAND: 6.0%		
MEDIAN or D <sub>50</sub> :	280.1	1.836	V COARSE GRAVEL: 0.0%	V COARSE SILT: 4.8%		
D <sub>90</sub> :	517.8	3.077	COARSE GRAVEL: 0.0%	COARSE SILT: 0.0%		
(D <sub>90</sub> / D <sub>10</sub> ):	4.370	3.241	MEDIUM GRAVEL: 0.0%	MEDIUM SILT: 0.0%		
(D <sub>90</sub> - D <sub>10</sub> ):	399.3	2.127	FINE GRAVEL: 0.0%	FINE SILT: 0.0%		
(D <sub>75</sub> / D <sub>25</sub> ):	2.017	1.759	V FINE GRAVEL: 0.0%	V FINE SILT: 0.0%		
(D <sub>75</sub> - D <sub>25</sub> ):	200.2	1.012	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 ( $\bar{x}$ ):	303.7	262.0	1.932	275.5	1.860	Medium Sand
SORTING ( $\sigma$ ):	148.8	1.788	0.839	1.823	0.867	Moderately Sorted
SKEWNESS ( $Sk$ ):	0.554	-0.871	0.871	-0.198	0.198	Fine Skewed
KURTOSIS ( $K$ ):	2.993	3.599	3.599	1.292	1.292	Leptokurtic

