

SIEVING ERROR: 0.5%			<b><u>SAMPLE STATISTICS</u></b>			
SAMPLE IDENTITY: <b>PEN-92-2_150</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: 7.6%	
MODE 2:	193.5	2.375	SAND: 99.9%		MEDIUM SAND: 46.6%	
MODE 3:			MUD: 0.1%		FINE SAND: 43.6%	
D <sub>10</sub> :	159.2	1.085			V FINE SAND: 1.9%	
MEDIAN or D <sub>50</sub> :	258.4	1.952	V COARSE GRAVEL: 0.0%		V COARSE SILT: 0.1%	
D <sub>90</sub> :	471.3	2.651	COARSE GRAVEL: 0.0%		COARSE SILT: 0.0%	
(D <sub>90</sub> / D <sub>10</sub> ):	2.961	2.443	MEDIUM GRAVEL: 0.0%		MEDIUM SILT: 0.0%	
(D <sub>90</sub> - D <sub>10</sub> ):	312.1	1.566	FINE GRAVEL: 0.0%		FINE SILT: 0.0%	
(D <sub>75</sub> / D <sub>25</sub> ):	1.708	1.484	V FINE GRAVEL: 0.0%		V FINE SILT: 0.0%	
(D <sub>75</sub> - D <sub>25</sub> ):	137.1	0.772	V COARSE SAND: 0.2%		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 ( $\bar{x}$ ):	288.3	261.8	1.933	264.1	1.921	Medium Sand
SORTING ( $\sigma$ ):	138.7	1.518	0.602	1.511	0.595	Moderately Well Sorted
SKEWNESS ( $Sk$ ):	1.958	0.437	-0.437	0.099	-0.099	Symmetrical
KURTOSIS ( $K$ ):	8.544	3.411	3.411	1.057	1.057	Mesokurtic

