

SIEVING ERROR: 0.2%			<b><u>SAMPLE STATISTICS</u></b>			
SAMPLE IDENTITY: <b>PEN-92-2_375</b>			ANALYST & DATE: SA/RM, 8/23/92			
SAMPLE TYPE: Bimodal, Moderately Well Sorted			TEXTURAL GROUP: Sand			
SEDIMENT NAME: Moderately Well Sorted Fine Sand						
	$\mu\text{m}$	$\phi$	GRAIN SIZE DISTRIBUTION			
MODE 1:	273.5	1.876	GRAVEL: 0.0%		COARSE SAND: 7.3%	
MODE 2:	193.5	2.375	SAND: 99.9%		MEDIUM SAND: 43.1%	
MODE 3:			MUD: 0.1%		FINE SAND: 45.0%	
$D_{10}$ :	151.4	1.052			V FINE SAND: 3.0%	
MEDIAN or $D_{50}$ :	253.8	1.978	V COARSE GRAVEL: 0.0%		V COARSE SILT: 0.1%	
$D_{90}$ :	482.4	2.724	COARSE GRAVEL: 0.0%		COARSE SILT: 0.0%	
$(D_{90} / D_{10})$ :	3.187	2.590	MEDIUM GRAVEL: 0.0%		MEDIUM SILT: 0.0%	
$(D_{90} - D_{10})$ :	331.1	1.672	FINE GRAVEL: 0.0%		FINE SILT: 0.0%	
$(D_{75} / D_{25})$ :	1.754	1.504	V FINE GRAVEL: 0.0%		V FINE SILT: 0.0%	
$(D_{75} - D_{25})$ :	141.0	0.810	V COARSE SAND: 1.5%		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 ( $\bar{x}$ ):	290.9	257.8	1.956	258.5	1.952	Medium Sand
SORTING ( $\sigma$ ):	165.9	1.585	0.664	1.562	0.643	Moderately Well Sorted
SKEWNESS ( $Sk$ ):	2.443	0.612	-0.612	0.091	-0.091	Symmetrical
KURTOSIS ( $K$ ):	10.84	3.720	3.720	1.082	1.082	Mesokurtic

