

SIEVING ERROR: 0.3%			<b><u>SAMPLE STATISTICS</u></b>			
SAMPLE IDENTITY: <b>PEN-92-2_350</b>			ANALYST & DATE: SA/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: 6.2%	
MODE 2:	193.5	2.375	SAND: 99.9%		MEDIUM SAND: 46.8%	
MODE 3:			MUD: 0.1%		FINE SAND: 44.4%	
$D_{10}$ :	156.5	1.157			V FINE SAND: 2.4%	
MEDIAN or $D_{50}$ :	255.5	1.968	V COARSE GRAVEL: 0.0%		V COARSE SILT: 0.1%	
$D_{90}$ :	448.4	2.676	COARSE GRAVEL: 0.0%		COARSE SILT: 0.0%	
$(D_{90} / D_{10})$ :	2.864	2.312	MEDIUM GRAVEL: 0.0%		MEDIUM SILT: 0.0%	
$(D_{90} - D_{10})$ :	291.8	1.518	FINE GRAVEL: 0.0%		FINE SILT: 0.0%	
$(D_{75} / D_{25})$ :	1.647	1.432	V FINE GRAVEL: 0.0%		V FINE SILT: 0.0%	
$(D_{75} - D_{25})$ :	123.7	0.720	V COARSE SAND: 0.1%		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 ( $\bar{x}$ ):	278.5	254.4	1.975	256.2	1.964	Medium Sand
SORTING ( $\sigma$ ):	129.1	1.499	0.584	1.488	0.574	Moderately Well Sorted
SKEWNESS ( $Sk$ ):	1.963	0.390	-0.390	0.047	-0.047	Symmetrical
KURTOSIS ( $K$ ):	8.839	3.504	3.504	1.117	1.117	Leptokurtic

