

SIEVING ERROR: 0.1%			<u>SAMPLE STATISTICS</u>			
SAMPLE IDENTITY: <b>SR-23-BG</b>			ANALYST & DATE: ,			
SAMPLE TYPE: Bimodal, Poorly Sorted			TEXTURAL GROUP: Gravelly Sand			
SEDIMENT NAME: Fine Gravelly Coarse Sand						
	$\mu\text{m}$	$\phi$	GRAIN SIZE DISTRIBUTION			
MODE 1:	605.0	0.747	GRAVEL: 20.6%		COARSE SAND: 41.0%	
MODE 2:	4800.0	-2.243	SAND: 79.3%		MEDIUM SAND: 24.1%	
MODE 3:			MUD: 0.1%		FINE SAND: 3.5%	
D <sub>10</sub> :	319.9	-2.102			V FINE SAND: 0.3%	
MEDIAN or D <sub>50</sub> :	680.5	0.555	V COARSE GRAVEL: 0.0%		V COARSE SILT: 0.0%	
D <sub>90</sub> :	4293.1	1.644	COARSE GRAVEL: 0.0%		COARSE SILT: 0.0%	
(D <sub>90</sub> / D <sub>10</sub> ):	13.42	-0.782	MEDIUM GRAVEL: 0.0%		MEDIUM SILT: 0.0%	
(D <sub>90</sub> - D <sub>10</sub> ):	3973.1	3.746	FINE GRAVEL: 12.7%		FINE SILT: 0.0%	
(D <sub>75</sub> / D <sub>25</sub> ):	2.959	-2.341	V FINE GRAVEL: 7.9%		V FINE SILT: 0.0%	
(D <sub>75</sub> - D <sub>25</sub> ):	916.0	1.565	V COARSE SAND: 10.4%		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 ( $\bar{x}$ ):	1372.0	858.5	0.220	919.5	0.121	Coarse Sand
SORTING ( $\sigma$ ):	1477.5	2.488	1.315	2.605	1.381	Poorly Sorted
SKEWNESS ( $Sk$ ):	1.564	0.469	-0.469	0.393	-0.393	Very Coarse Skewed
KURTOSIS ( $K$ ):	3.908	3.216	3.216	1.108	1.108	Mesokurtic

