

SIEVING ERROR: 0.0%			<u><b>SAMPLE STATISTICS</b></u>			
SAMPLE IDENTITY: <b>SR-67-420</b>			ANALYST & DATE: ,			
SAMPLE TYPE: Bimodal, Poorly Sorted			TEXTURAL GROUP: Gravelly Sand			
SEDIMENT NAME: Very Fine Gravelly Fine Sand						
	$\mu\text{m}$	$\phi$	GRAIN SIZE DISTRIBUTION			
MODE 1:	215.0	2.237	GRAVEL: 18.0%		COARSE SAND: 10.9%	
MODE 2:	3400.0	-1.743	SAND: 80.7%		MEDIUM SAND: 26.0%	
MODE 3:			MUD: 1.3%		FINE SAND: 29.8%	
D <sub>10</sub> :	142.6	-1.629			V FINE SAND: 4.7%	
MEDIAN or D <sub>50</sub> :	346.7	1.528	V COARSE GRAVEL: 0.0%		V COARSE SILT: 0.2%	
D <sub>90</sub> :	3092.5	2.810	COARSE GRAVEL: 0.0%		COARSE SILT: 0.2%	
(D <sub>90</sub> / D <sub>10</sub> ):	21.68	-1.725	MEDIUM GRAVEL: 0.0%		MEDIUM SILT: 0.2%	
(D <sub>90</sub> - D <sub>10</sub> ):	2949.9	4.438	FINE GRAVEL: 4.8%		FINE SILT: 0.2%	
(D <sub>75</sub> / D <sub>25</sub> ):	5.886	-8.001	V FINE GRAVEL: 13.2%		V FINE SILT: 0.2%	
(D <sub>75</sub> - D <sub>25</sub> ):	1010.8	2.557	V COARSE SAND: 9.3%		CLAY: 0.2%	
	METHOD OF MOMENTS			FOLK & WARD METHOD		
	Arithmetic	Geometric	Logarithmic	Geometric	Logarithmic	Description
	$\mu\text{m}$	$\mu\text{m}$	$\phi$	$\mu\text{m}$	$\phi$	
MEAN ( $\bar{x}$ ):	990.1	475.9	1.071	512.8	0.964	Coarse Sand
SORTING ( $\sigma$ ):	1273.3	3.344	1.741	3.246	1.699	Poorly Sorted
SKEWNESS ( $Sk$ ):	1.740	0.089	-0.089	0.416	-0.416	Very Coarse Skewed
KURTOSIS ( $K$ ):	4.965	3.361	3.361	0.821	0.821	Platykurtic

