

SIEVING ERROR: 0.1%			<u>SAMPLE STATISTICS</u>			
SAMPLE IDENTITY: <b>SR-69-420</b>			ANALYST & DATE: ,			
SAMPLE TYPE: Trimodal, Poorly Sorted			TEXTURAL GROUP: Gravelly Sand			
SEDIMENT NAME: Very Fine Gravelly Medium Sand						
	$\mu\text{m}$	$\phi$	GRAIN SIZE DISTRIBUTION			
MODE 1:	215.0	2.237	GRAVEL: 16.4%		COARSE SAND: 13.1%	
MODE 2:	4800.0	-2.243	SAND: 82.4%		MEDIUM SAND: 31.7%	
MODE 3:	2400.0	-1.243	MUD: 1.1%		FINE SAND: 24.6%	
D <sub>10</sub> :	163.1	-1.593			V FINE SAND: 4.0%	
MEDIAN or D <sub>50</sub> :	365.9	1.450	V COARSE GRAVEL: 0.0%		V COARSE SILT: 0.2%	
D <sub>90</sub> :	3017.1	2.617	COARSE GRAVEL: 0.0%		COARSE SILT: 0.2%	
(D <sub>90</sub> / D <sub>10</sub> ):	18.50	-1.642	MEDIUM GRAVEL: 0.0%		MEDIUM SILT: 0.2%	
(D <sub>90</sub> - D <sub>10</sub> ):	2854.0	4.210	FINE GRAVEL: 5.9%		FINE SILT: 0.2%	
(D <sub>75</sub> / D <sub>25</sub> ):	4.524	-41.216	V FINE GRAVEL: 10.5%		V FINE SILT: 0.2%	
(D <sub>75</sub> - D <sub>25</sub> ):	807.3	2.178	V COARSE SAND: 9.0%		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 ( $\bar{x}$ ):	978.4	491.4	1.025	526.8	0.925	Coarse Sand
SORTING ( $\sigma$ ):	1278.0	3.158	1.659	3.082	1.624	Poorly Sorted
SKEWNESS ( $Sk$ ):	1.906	0.115	-0.115	0.423	-0.423	Very Coarse Skewed
KURTOSIS ( $K$ ):	5.565	3.737	3.737	0.960	0.960	Mesokurtic

