

SIEVING ERROR: 0.1%			<u>SAMPLE STATISTICS</u>			
SAMPLE IDENTITY: <b>SR-114 60</b>			ANALYST & DATE: ,			
SAMPLE TYPE: Bimodal, Poorly Sorted			TEXTURAL GROUP: Gravelly Sand			
SEDIMENT NAME: Fine Gravelly Medium Sand						
	$\mu\text{m}$	$\phi$	GRAIN SIZE DISTRIBUTION			
MODE 1:	302.5	1.747	GRAVEL: 20.0%		COARSE SAND: 7.8%	
MODE 2:	4800.0	-2.243	SAND: 79.8%		MEDIUM SAND: 65.9%	
MODE 3:			MUD: 0.1%		FINE SAND: 0.8%	
D <sub>10</sub> :	265.0	-2.150			V FINE SAND: 0.1%	
MEDIAN or D <sub>50</sub> :	343.8	1.540	V COARSE GRAVEL: 0.0%		V COARSE SILT: 0.0%	
D <sub>90</sub> :	4439.3	1.916	COARSE GRAVEL: 0.0%		COARSE SILT: 0.0%	
(D <sub>90</sub> / D <sub>10</sub> ):	16.75	-0.891	MEDIUM GRAVEL: 0.0%		MEDIUM SILT: 0.0%	
(D <sub>90</sub> - D <sub>10</sub> ):	4174.3	4.066	FINE GRAVEL: 14.5%		FINE SILT: 0.0%	
(D <sub>75</sub> / D <sub>25</sub> ):	3.561	-30.973	V FINE GRAVEL: 5.6%		V FINE SILT: 0.0%	
(D <sub>75</sub> - D <sub>25</sub> ):	748.3	1.832	V COARSE SAND: 5.2%		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 ( $\bar{x}$ ):	1202.2	601.9	0.732	676.3	0.564	Coarse Sand
SORTING ( $\sigma$ ):	1610.1	2.869	1.520	2.908	1.540	Poorly Sorted
SKEWNESS ( $Sk$ ):	1.584	1.029	-1.029	0.812	-0.812	Very Coarse Skewed
KURTOSIS ( $K$ ):	3.774	2.916	2.916	0.957	0.957	Mesokurtic

