

SIEVING ERROR: 0.0%			<u>SAMPLE STATISTICS</u>			
SAMPLE IDENTITY: <b>SR-63-120</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: 17.1%		COARSE SAND: 7.4%	
MODE 2:	3400.0	-1.743	SAND: 80.6%		MEDIUM SAND: 22.2%	
MODE 3:			MUD: 2.3%		FINE SAND: 30.0%	
D <sub>10</sub> :	110.0	-1.515			V FINE SAND: 10.8%	
MEDIAN or D <sub>50</sub> :	296.6	1.754	V COARSE GRAVEL: 0.0%		V COARSE SILT: 0.4%	
D <sub>90</sub> :	2857.2	3.184	COARSE GRAVEL: 0.0%		COARSE SILT: 0.4%	
(D <sub>90</sub> / D <sub>10</sub> ):	25.97	-2.102	MEDIUM GRAVEL: 0.0%		MEDIUM SILT: 0.4%	
(D <sub>90</sub> - D <sub>10</sub> ):	2747.2	4.699	FINE GRAVEL: 3.1%		FINE SILT: 0.4%	
(D <sub>75</sub> / D <sub>25</sub> ):	7.139	-9.456	V FINE GRAVEL: 14.0%		V FINE SILT: 0.4%	
(D <sub>75</sub> - D <sub>25</sub> ):	1037.8	2.836	V COARSE SAND: 10.2%		CLAY: 0.4%	
	METHOD OF MOMENTS			FOLK & WARD METHOD		
	Arithmetic	Geometric	Logarithmic	Geometric	Logarithmic	Description
	$\mu\text{m}$	$\mu\text{m}$	$\phi$	$\mu\text{m}$	$\phi$	
MEAN ( $\bar{x}$ ):	908.9	401.1	1.318	438.4	1.190	Medium Sand
SORTING ( $\sigma$ ):	1197.3	3.718	1.895	3.493	1.804	Poorly Sorted
SKEWNESS ( $Sk$ ):	1.737	-0.064	0.064	0.389	-0.389	Very Coarse Skewed
KURTOSIS ( $K$ ):	5.083	3.321	3.321	0.773	0.773	Platykurtic

