

SIEVING ERROR: 0.1%			<u><b>SAMPLE STATISTICS</b></u>			
SAMPLE IDENTITY: <b>SR-61-150</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: 14.5%		COARSE SAND: 6.0%	
MODE 2:	3400.0	-1.743	SAND: 82.5%		MEDIUM SAND: 28.9%	
MODE 3:			MUD: 3.0%		FINE SAND: 30.7%	
D <sub>10</sub> :	104.9	-1.403			V FINE SAND: 9.5%	
MEDIAN or D <sub>50</sub> :	281.0	1.831	V COARSE GRAVEL: 0.0%		V COARSE SILT: 0.5%	
D <sub>90</sub> :	2645.2	3.254	COARSE GRAVEL: 0.0%		COARSE SILT: 0.5%	
(D <sub>90</sub> / D <sub>10</sub> ):	25.23	-2.318	MEDIUM GRAVEL: 0.0%		MEDIUM SILT: 0.5%	
(D <sub>90</sub> - D <sub>10</sub> ):	2540.3	4.657	FINE GRAVEL: 2.9%		FINE SILT: 0.5%	
(D <sub>75</sub> / D <sub>25</sub> ):	3.621	4.466	V FINE GRAVEL: 11.7%		V FINE SILT: 0.5%	
(D <sub>75</sub> - D <sub>25</sub> ):	499.3	1.856	V COARSE SAND: 7.4%		CLAY: 0.5%	
	METHOD OF MOMENTS			FOLK & WARD METHOD		
	Arithmetic	Geometric	Logarithmic	Geometric	Logarithmic	Description
	$\mu\text{m}$	$\mu\text{m}$	$\phi$	$\mu\text{m}$	$\phi$	
MEAN ( $\bar{x}$ ):	801.5	357.4	1.485	416.1	1.265	Medium Sand
SORTING ( $\sigma$ ):	1140.3	3.585	1.842	3.367	1.752	Poorly Sorted
SKEWNESS ( $Sk$ ):	2.051	-0.111	0.111	0.388	-0.388	Very Coarse Skewed
KURTOSIS ( $K$ ):	6.312	4.018	4.018	1.236	1.236	Leptokurtic

