

SIEVING ERROR: 0.3%			<u><b>SAMPLE STATISTICS</b></u>			
SAMPLE IDENTITY: <b>SR-61-510</b>			ANALYST & DATE: ,			
SAMPLE TYPE: Bimodal, 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: 23.8%		COARSE SAND: 10.8%	
MODE 2:	3400.0	-1.743	SAND: 72.9%		MEDIUM SAND: 22.1%	
MODE 3:			MUD: 3.2%		FINE SAND: 20.5%	
D <sub>10</sub> :	127.2	-1.649			V FINE SAND: 6.5%	
MEDIAN or D <sub>50</sub> :	449.5	1.153	V COARSE GRAVEL: 0.0%		V COARSE SILT: 0.5%	
D <sub>90</sub> :	3136.2	2.975	COARSE GRAVEL: 0.0%		COARSE SILT: 0.5%	
(D <sub>90</sub> / D <sub>10</sub> ):	24.65	-1.804	MEDIUM GRAVEL: 0.0%		MEDIUM SILT: 0.5%	
(D <sub>90</sub> - D <sub>10</sub> ):	3009.0	4.624	FINE GRAVEL: 1.6%		FINE SILT: 0.5%	
(D <sub>75</sub> / D <sub>25</sub> ):	8.507	-2.351	V FINE GRAVEL: 22.3%		V FINE SILT: 0.5%	
(D <sub>75</sub> - D <sub>25</sub> ):	1671.7	3.089	V COARSE SAND: 13.0%		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 ( $\bar{x}$ ):	1130.5	536.7	0.898	598.5	0.741	Coarse Sand
SORTING ( $\sigma$ ):	1214.8	3.987	1.995	3.481	1.800	Poorly Sorted
SKEWNESS ( $Sk$ ):	1.134	-0.646	0.646	0.204	-0.204	Coarse Skewed
KURTOSIS ( $K$ ):	3.095	3.746	3.746	0.736	0.736	Platykurtic

