

SIEVING ERROR: -0.1%			<u><b>SAMPLE STATISTICS</b></u>			
SAMPLE IDENTITY: <b>SR-83-10</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:	302.5	1.747	GRAVEL: 6.4%		COARSE SAND: 12.9%	
MODE 2:	1200.0	-0.243	SAND: 93.4%		MEDIUM SAND: 33.8%	
MODE 3:			MUD: 0.2%		FINE SAND: 27.8%	
D <sub>10</sub> :	168.7	-0.773			V FINE SAND: 2.6%	
MEDIAN or D <sub>50</sub> :	341.8	1.549	V COARSE GRAVEL: 0.0%		V COARSE SILT: 0.0%	
D <sub>90</sub> :	1708.7	2.568	COARSE GRAVEL: 0.0%		COARSE SILT: 0.0%	
(D <sub>90</sub> / D <sub>10</sub> ):	10.13	-3.322	MEDIUM GRAVEL: 0.0%		MEDIUM SILT: 0.0%	
(D <sub>90</sub> - D <sub>10</sub> ):	1540.0	3.341	FINE GRAVEL: 0.0%		FINE SILT: 0.0%	
(D <sub>75</sub> / D <sub>25</sub> ):	3.899	12.10	V FINE GRAVEL: 6.4%		V FINE SILT: 0.0%	
(D <sub>75</sub> - D <sub>25</sub> ):	657.7	1.963	V COARSE SAND: 16.2%		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 ( $\bar{x}$ ):	664.9	436.1	1.197	444.0	1.171	Medium Sand
SORTING ( $\sigma$ ):	664.9	2.410	1.269	2.453	1.294	Poorly Sorted
SKEWNESS ( $Sk$ ):	1.713	0.329	-0.329	0.374	-0.374	Very Coarse Skewed
KURTOSIS ( $K$ ):	5.562	2.979	2.979	0.832	0.832	Platykurtic

