

SIEVING ERROR: 0.2%			<u><b>SAMPLE STATISTICS</b></u>			
SAMPLE IDENTITY: <b>SR-69-270</b>			ANALYST & DATE: ,			
SAMPLE TYPE: Trimodal, Poorly Sorted			TEXTURAL GROUP: Gravelly Sand			
SEDIMENT NAME: Very Fine Gravelly Fine Sand						
	$\mu\text{m}$	$\phi$	GRAIN SIZE DISTRIBUTION			
MODE 1:	152.5	2.737	GRAVEL: 20.2%		COARSE SAND: 8.1%	
MODE 2:	3400.0	-1.743	SAND: 76.8%		MEDIUM SAND: 17.1%	
MODE 3:	855.0	0.247	MUD: 3.0%		FINE SAND: 27.4%	
D <sub>10</sub> :	101.2	-1.678			V FINE SAND: 13.7%	
MEDIAN or D <sub>50</sub> :	309.6	1.692	V COARSE GRAVEL: 0.0%		V COARSE SILT: 0.5%	
D <sub>90</sub> :	3200.2	3.305	COARSE GRAVEL: 0.0%		COARSE SILT: 0.5%	
(D <sub>90</sub> / D <sub>10</sub> ):	31.62	-1.969	MEDIUM GRAVEL: 0.0%		MEDIUM SILT: 0.5%	
(D <sub>90</sub> - D <sub>10</sub> ):	3099.0	4.983	FINE GRAVEL: 4.2%		FINE SILT: 0.5%	
(D <sub>75</sub> / D <sub>25</sub> ):	10.31	-4.472	V FINE GRAVEL: 16.0%		V FINE SILT: 0.5%	
(D <sub>75</sub> - D <sub>25</sub> ):	1383.3	3.367	V COARSE SAND: 10.6%		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 ( $\bar{x}$ ):	1020.4	414.1	1.272	453.6	1.140	Medium Sand
SORTING ( $\sigma$ ):	1308.0	4.183	2.065	3.828	1.937	Poorly Sorted
SKEWNESS ( $Sk$ ):	1.505	-0.151	0.151	0.339	-0.339	Very Coarse Skewed
KURTOSIS ( $K$ ):	4.151	2.947	2.947	0.685	0.685	Platykurtic

