

SIEVING ERROR: 0.2%			<u><b>SAMPLE STATISTICS</b></u>			
SAMPLE IDENTITY: <b>SR-77-570</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: 12.3%		COARSE SAND: 10.4%	
MODE 2:	2400.0	-1.243	SAND: 86.1%		MEDIUM SAND: 33.5%	
MODE 3:			MUD: 1.6%		FINE SAND: 25.4%	
D <sub>10</sub> :	128.2	-1.183			V FINE SAND: 7.8%	
MEDIAN or D <sub>50</sub> :	330.9	1.595	V COARSE GRAVEL: 0.0%		V COARSE SILT: 0.3%	
D <sub>90</sub> :	2269.8	2.963	COARSE GRAVEL: 0.0%		COARSE SILT: 0.3%	
(D <sub>90</sub> / D <sub>10</sub> ):	17.70	-2.506	MEDIUM GRAVEL: 0.0%		MEDIUM SILT: 0.3%	
(D <sub>90</sub> - D <sub>10</sub> ):	2141.5	4.146	FINE GRAVEL: 0.0%		FINE SILT: 0.3%	
(D <sub>75</sub> / D <sub>25</sub> ):	3.521	4.851	V FINE GRAVEL: 12.3%		V FINE SILT: 0.3%	
(D <sub>75</sub> - D <sub>25</sub> ):	516.4	1.816	V COARSE SAND: 8.9%		CLAY: 0.3%	
	METHOD OF MOMENTS			FOLK & WARD METHOD		
	Arithmetic	Geometric	Logarithmic	Geometric	Logarithmic	Description
	$\mu\text{m}$	$\mu\text{m}$	$\phi$	$\mu\text{m}$	$\phi$	
MEAN ( $\bar{x}$ ):	741.8	398.4	1.328	438.8	1.188	Medium Sand
SORTING ( $\sigma$ ):	913.9	3.038	1.603	2.975	1.573	Poorly Sorted
SKEWNESS ( $Sk$ ):	1.857	-0.109	0.109	0.325	-0.325	Very Coarse Skewed
KURTOSIS ( $K$ ):	5.343	4.189	4.189	1.122	1.122	Leptokurtic

