

SIEVING ERROR: 0.1%			<u><b>SAMPLE STATISTICS</b></u>			
SAMPLE IDENTITY: <b>85-1072 B-1 S-5A</b>			ANALYST & DATE: ,			
SAMPLE TYPE: Bimodal, Poorly Sorted			TEXTURAL GROUP: Gravelly Sand			
SEDIMENT NAME: Fine Gravelly Fine Sand						
	$\mu\text{m}$	$\phi$	GRAIN SIZE DISTRIBUTION			
MODE 1:	215.0	2.237	GRAVEL: 12.2%		COARSE SAND: 3.0%	
MODE 2:	4800.0	-2.243	SAND: 87.4%		MEDIUM SAND: 25.5%	
MODE 3:			MUD: 0.5%		FINE SAND: 51.4%	
D <sub>10</sub> :	136.1	-1.696			V FINE SAND: 4.8%	
MEDIAN or D <sub>50</sub> :	233.1	2.101	V COARSE GRAVEL: 0.0%		V COARSE SILT: 0.1%	
D <sub>90</sub> :	3240.8	2.878	COARSE GRAVEL: 0.0%		COARSE SILT: 0.1%	
(D <sub>90</sub> / D <sub>10</sub> ):	23.82	-1.696	MEDIUM GRAVEL: 0.0%		MEDIUM SILT: 0.1%	
(D <sub>90</sub> - D <sub>10</sub> ):	3104.7	4.574	FINE GRAVEL: 8.9%		FINE SILT: 0.1%	
(D <sub>75</sub> / D <sub>25</sub> ):	2.013	1.681	V FINE GRAVEL: 3.2%		V FINE SILT: 0.1%	
(D <sub>75</sub> - D <sub>25</sub> ):	180.1	1.009	V COARSE SAND: 2.7%		CLAY: 0.1%	
	METHOD OF MOMENTS			FOLK & WARD METHOD		
	Arithmetic	Geometric	Logarithmic	Geometric	Logarithmic	Description
	$\mu\text{m}$	$\mu\text{m}$	$\phi$	$\mu\text{m}$	$\phi$	
MEAN ( $\bar{x}$ ):	774.4	329.2	1.603	292.5	1.773	Medium Sand
SORTING ( $\sigma$ ):	1368.8	2.970	1.571	2.551	1.351	Poorly Sorted
SKEWNESS ( $Sk$ ):	2.371	1.308	-1.308	0.544	-0.544	Very Coarse Skewed
KURTOSIS ( $K$ ):	6.973	4.608	4.608	2.128	2.128	Very Leptokurtic

