

SIEVING ERROR: 0.1%			<b><u>SAMPLE STATISTICS</u></b>			
SAMPLE IDENTITY: <b>SR-83-270</b>			ANALYST & DATE: ,			
SAMPLE TYPE: Unimodal, Poorly Sorted			TEXTURAL GROUP: Gravelly Sand			
SEDIMENT NAME: Very Fine Gravelly Medium Sand						
	$\mu\text{m}$	$\phi$	GRAIN SIZE DISTRIBUTION			
MODE 1:	427.5	1.247	GRAVEL: 6.0%		COARSE SAND: 25.5%	
MODE 2:			SAND: 93.9%		MEDIUM SAND: 42.3%	
MODE 3:			MUD: 0.1%		FINE SAND: 10.8%	
D <sub>10</sub> :	237.5	-0.720			V FINE SAND: 0.5%	
MEDIAN or D <sub>50</sub> :	474.2	1.076	V COARSE GRAVEL: 0.0%		V COARSE SILT: 0.0%	
D <sub>90</sub> :	1647.4	2.074	COARSE GRAVEL: 0.0%		COARSE SILT: 0.0%	
(D <sub>90</sub> / D <sub>10</sub> ):	6.938	-2.880	MEDIUM GRAVEL: 0.0%		MEDIUM SILT: 0.0%	
(D <sub>90</sub> - D <sub>10</sub> ):	1409.9	2.794	FINE GRAVEL: 0.5%		FINE SILT: 0.0%	
(D <sub>75</sub> / D <sub>25</sub> ):	2.653	7.187	V FINE GRAVEL: 5.5%		V FINE SILT: 0.0%	
(D <sub>75</sub> - D <sub>25</sub> ):	532.2	1.408	V COARSE SAND: 14.9%		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 ( $\bar{x}$ ):	742.2	543.0	0.881	543.7	0.879	Coarse Sand
SORTING ( $\sigma$ ):	692.2	2.081	1.057	2.106	1.074	Poorly Sorted
SKEWNESS ( $Sk$ ):	2.497	0.478	-0.478	0.267	-0.267	Coarse Skewed
KURTOSIS ( $K$ ):	10.89	3.381	3.381	1.012	1.012	Mesokurtic

