

## SAMPLE STATISTICS

ANALYST &amp; DATE: ,

TEXTURAL GROUP: Slightly Gravelly Sand

SEDIMENT NAME: Slightly Very Fine Gravelly Medium Sand

	$\mu\text{m}$	$\phi$	GRAIN SIZE DISTRIBUTION			
MODE 1:	302.5	1.747	GRAVEL: 1.2%		COARSE SAND: 7.3%	
MODE 2:			SAND: 98.8%		MEDIUM SAND: 64.1%	
MODE 3:			MUD: 0.0%		FINE SAND: 25.0%	
D <sub>10</sub> :	202.6	0.910			V FINE SAND: 0.1%	
MEDIAN or D <sub>50</sub> :	302.1	1.727	V COARSE GRAVEL: 0.0%		V COARSE SILT: 0.0%	
D <sub>90</sub> :	532.2	2.304	COARSE GRAVEL: 0.0%		COARSE SILT: 0.0%	
(D <sub>90</sub> / D <sub>10</sub> ):	2.627	2.531	MEDIUM GRAVEL: 0.0%		MEDIUM SILT: 0.0%	
(D <sub>90</sub> - D <sub>10</sub> ):	329.6	1.394	FINE GRAVEL: 0.4%		FINE SILT: 0.0%	
(D <sub>75</sub> / D <sub>25</sub> ):	1.525	1.438	V FINE GRAVEL: 0.8%		V FINE SILT: 0.0%	
(D <sub>75</sub> - D <sub>25</sub> ):	131.2	0.609	V COARSE SAND: 2.4%		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 ( $\bar{x}$ ):	393.5	327.3	1.611	311.3	1.684	Medium Sand
SORTING ( $\sigma$ ):	413.2	1.601	0.679	1.490	0.576	Moderately Well Sorted
SKEWNESS ( $Sk$ ):	7.077	2.173	-2.173	0.237	-0.237	Coarse Skewed
KURTOSIS ( $K$ ):	65.24	10.72	10.72	1.401	1.401	Leptokurtic

