

SIEVING ERROR: 0.3%

**SAMPLE STATISTICS**SAMPLE IDENTITY: **SR-119-270**

ANALYST &amp; DATE: ,

SAMPLE TYPE: Unimodal, Well Sorted

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: 1.7%	COARSE SAND: 7.8%		
MODE 2:			SAND: 98.3%	MEDIUM SAND: 87.6%		
MODE 3:			MUD: 0.0%	FINE SAND: 0.3%		
D <sub>10</sub> :	262.5	0.819		V FINE SAND: 0.0%		
MEDIAN or D <sub>50</sub> :	321.1	1.639	V COARSE GRAVEL: 0.0%	V COARSE SILT: 0.0%		
D <sub>90</sub> :	566.9	1.930	COARSE GRAVEL: 0.0%	COARSE SILT: 0.0%		
(D <sub>90</sub> / D <sub>10</sub> ):	2.160	2.357	MEDIUM GRAVEL: 0.0%	MEDIUM SILT: 0.0%		
(D <sub>90</sub> - D <sub>10</sub> ):	304.4	1.111	FINE GRAVEL: 0.5%	FINE SILT: 0.0%		
(D <sub>75</sub> / D <sub>25</sub> ):	1.381	1.344	V FINE GRAVEL: 1.2%	V FINE SILT: 0.0%		
(D <sub>75</sub> - D <sub>25</sub> ):	107.9	0.466	V COARSE SAND: 2.5%	CLAY: 0.0%		
	METHOD OF MOMENTS			FOLK & WARD METHOD		
	Arithmetic $\mu\text{m}$	Geometric $\mu\text{m}$	Logarithmic $\phi$	Geometric $\mu\text{m}$	Logarithmic $\phi$	Description
MEAN ( $\bar{x}$ ):	434.1	364.4	1.456	342.8	1.545	Medium Sand
SORTING ( $\sigma$ ):	455.5	1.545	0.628	1.380	0.465	Well Sorted
SKEWNESS ( $S_k$ ):	6.531	3.110	-3.110	0.499	-0.499	Very Coarse Skewed
KURTOSIS ( $K$ ):	53.35	14.70	14.70	1.569	1.569	Very Leptokurtic

**GRAIN SIZE DISTRIBUTION**