

SIEVING ERROR: 0.2%

**SAMPLE STATISTICS**SAMPLE IDENTITY: **0201-1071-1 B-1 S-5**

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: 0.7%	COARSE SAND: 1.7%		
MODE 2:			SAND: 99.2%	MEDIUM SAND: 59.4%		
MODE 3:			MUD: 0.0%	FINE SAND: 36.4%		
D <sub>10</sub> :	190.4	1.417		V FINE SAND: 0.4%		
MEDIAN or D <sub>50</sub> :	273.2	1.872	V COARSE GRAVEL: 0.0%	V COARSE SILT: 0.0%		
D <sub>90</sub> :	374.5	2.393	COARSE GRAVEL: 0.0%	COARSE SILT: 0.0%		
(D <sub>90</sub> / D <sub>10</sub> ):	1.967	1.689	MEDIUM GRAVEL: 0.0%	MEDIUM SILT: 0.0%		
(D <sub>90</sub> - D <sub>10</sub> ):	184.1	0.976	FINE GRAVEL: 0.1%	FINE SILT: 0.0%		
(D <sub>75</sub> / D <sub>25</sub> ):	1.458	1.334	V FINE GRAVEL: 0.6%	V FINE SILT: 0.0%		
(D <sub>75</sub> - D <sub>25</sub> ):	101.6	0.544	V COARSE SAND: 1.3%	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 ( $\bar{x}$ ):	317.7	278.6	1.844	266.8	1.906	Medium Sand
SORTING ( $\sigma$ ):	286.9	1.478	0.564	1.320	0.401	Well Sorted
SKEWNESS ( $S_k$ ):	8.713	2.167	-2.167	0.004	-0.004	Symmetrical
KURTOSIS ( $K$ ):	101.3	18.00	18.00	1.042	1.042	Mesokurtic

**GRAIN SIZE DISTRIBUTION**