

SIEVING ERROR: 0.2%

**SAMPLE STATISTICS**SAMPLE IDENTITY: **0201-1071-1 B-1 S-8**

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: 0.9%	COARSE SAND: 0.9%		
MODE 2:			SAND: 99.1%	MEDIUM SAND: 65.7%		
MODE 3:			MUD: 0.0%	FINE SAND: 30.6%		
D <sub>10</sub> :	196.1	1.491		V FINE SAND: 0.2%		
MEDIAN or D <sub>50</sub> :	280.0	1.836	V COARSE GRAVEL: 0.0%	V COARSE SILT: 0.0%		
D <sub>90</sub> :	355.8	2.350	COARSE GRAVEL: 0.0%	COARSE SILT: 0.0%		
(D <sub>90</sub> / D <sub>10</sub> ):	1.814	1.576	MEDIUM GRAVEL: 0.0%	MEDIUM SILT: 0.0%		
(D <sub>90</sub> - D <sub>10</sub> ):	159.6	0.859	FINE GRAVEL: 0.0%	FINE SILT: 0.0%		
(D <sub>75</sub> / D <sub>25</sub> ):	1.391	1.294	V FINE GRAVEL: 0.9%	V FINE SILT: 0.0%		
(D <sub>75</sub> - D <sub>25</sub> ):	91.36	0.476	V COARSE SAND: 1.6%	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 ( $\bar{x}$ ):	326.7	286.5	1.803	272.2	1.877	Medium Sand
SORTING ( $\sigma$ ):	289.2	1.462	0.548	1.297	0.376	Well Sorted
SKEWNESS ( $Sk$ ):	7.052	2.966	-2.966	-0.041	0.041	Symmetrical
KURTOSIS ( $K$ ):	60.55	17.79	17.79	1.132	1.132	Leptokurtic

**GRAIN SIZE DISTRIBUTION**