

SIEVING ERROR: 0.2%

**SAMPLE STATISTICS**SAMPLE IDENTITY: **0201-1071-2 B-1 S-5**

ANALYST &amp; DATE: ,

SAMPLE TYPE: Unimodal, Poorly Sorted

TEXTURAL GROUP: Gravelly Sand

SEDIMENT NAME: Very Fine Gravelly Fine Sand

	$\mu\text{m}$	$\phi$	GRAIN SIZE DISTRIBUTION			
MODE 1:	215.0	2.237	GRAVEL: 6.9%	COARSE SAND: 3.2%		
MODE 2:			SAND: 92.6%	MEDIUM SAND: 11.1%		
MODE 3:			MUD: 0.4%	FINE SAND: 62.9%		
D <sub>10</sub> :	121.1	-0.413		V FINE SAND: 10.5%		
MEDIAN or D <sub>50</sub> :	199.5	2.325	V COARSE GRAVEL: 0.0%	V COARSE SILT: 0.1%		
D <sub>90</sub> :	1331.9	3.046	COARSE GRAVEL: 0.0%	COARSE SILT: 0.1%		
(D <sub>90</sub> / D <sub>10</sub> ):	11.00	-7.366	MEDIUM GRAVEL: 0.0%	MEDIUM SILT: 0.1%		
(D <sub>90</sub> - D <sub>10</sub> ):	1210.8	3.459	FINE GRAVEL: 0.2%	FINE SILT: 0.1%		
(D <sub>75</sub> / D <sub>25</sub> ):	1.751	1.419	V FINE GRAVEL: 6.7%	V FINE SILT: 0.1%		
(D <sub>75</sub> - D <sub>25</sub> ):	112.6	0.808	V COARSE SAND: 4.9%	CLAY: 0.1%		
	METHOD OF MOMENTS			FOLK & WARD METHOD		
	Arithmetic	Geometric	Logarithmic	Geometric	Logarithmic	Description
	$\mu\text{m}$	$\mu\text{m}$	$\phi$	$\mu\text{m}$	$\phi$	
MEAN ( $\bar{x}$ ):	466.1	251.9	1.989	227.4	2.136	Fine Sand
SORTING ( $\sigma$ ):	755.1	2.490	1.316	2.179	1.124	Poorly Sorted
SKEWNESS ( $S_k$ ):	2.954	1.330	-1.330	0.451	-0.451	Very Coarse Skewed
KURTOSIS ( $K$ ):	11.20	5.418	5.418	2.317	2.317	Very Leptokurtic

**GRAIN SIZE DISTRIBUTION**