

|                                                   |                   |               |                                        |                    |                     |                   |
|---------------------------------------------------|-------------------|---------------|----------------------------------------|--------------------|---------------------|-------------------|
| SIEVING ERROR: 0.1%                               |                   |               | <u><b>SAMPLE STATISTICS</b></u>        |                    |                     |                   |
| SAMPLE IDENTITY: <b>SR-38-BG</b>                  |                   |               | ANALYST & DATE: ,                      |                    |                     |                   |
| SAMPLE TYPE: Unimodal, Moderately Sorted          |                   |               | TEXTURAL GROUP: Slightly Gravelly Sand |                    |                     |                   |
| SEDIMENT NAME: Slightly Fine Gravelly Medium Sand |                   |               |                                        |                    |                     |                   |
|                                                   | $\mu\text{m}$     | $\phi$        | GRAIN SIZE DISTRIBUTION                |                    |                     |                   |
| MODE 1:                                           | 215.0             | 2.237         | GRAVEL: 3.6%                           |                    | COARSE SAND: 10.4%  |                   |
| MODE 2:                                           |                   |               | SAND: 96.3%                            |                    | MEDIUM SAND: 41.6%  |                   |
| MODE 3:                                           |                   |               | MUD: 0.1%                              |                    | FINE SAND: 38.5%    |                   |
| D <sub>10</sub> :                                 | 150.6             | 0.631         |                                        |                    | V FINE SAND: 3.8%   |                   |
| MEDIAN or D <sub>50</sub> :                       | 276.8             | 1.853         | V COARSE GRAVEL: 0.0%                  |                    | V COARSE SILT: 0.0% |                   |
| D <sub>90</sub> :                                 | 645.7             | 2.731         | COARSE GRAVEL: 0.0%                    |                    | COARSE SILT: 0.0%   |                   |
| (D <sub>90</sub> / D <sub>10</sub> ):             | 4.287             | 4.328         | MEDIUM GRAVEL: 0.0%                    |                    | MEDIUM SILT: 0.0%   |                   |
| (D <sub>90</sub> - D <sub>10</sub> ):             | 495.1             | 2.100         | FINE GRAVEL: 2.4%                      |                    | FINE SILT: 0.0%     |                   |
| (D <sub>75</sub> / D <sub>25</sub> ):             | 2.033             | 1.796         | V FINE GRAVEL: 1.3%                    |                    | V FINE SILT: 0.0%   |                   |
| (D <sub>75</sub> - D <sub>25</sub> ):             | 208.3             | 1.024         | V COARSE SAND: 1.9%                    |                    | 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 ( $\bar{x}$ ):                               | 470.0             | 310.4         | 1.688                                  | 292.1              | 1.776               | Medium Sand       |
| SORTING ( $\sigma$ ):                             | 764.4             | 2.045         | 1.032                                  | 1.800              | 0.848               | Moderately Sorted |
| SKEWNESS ( $Sk$ ):                                | 4.763             | 1.550         | -1.550                                 | 0.233              | -0.233              | Coarse Skewed     |
| KURTOSIS ( $K$ ):                                 | 25.99             | 7.741         | 7.741                                  | 1.271              | 1.271               | Leptokurtic       |

