

|  |                   |               |  |                    |                     |                        |
|--|-------------------|---------------|--|--------------------|---------------------|------------------------|
| SIEVING ERROR: 0.0%                                    |                   |               | <u><b>SAMPLE STATISTICS</b></u>        |                    |                     |                        |
| SAMPLE IDENTITY: <b>SR-67-10</b>                       |                   |               | ANALYST & DATE: ,                      |                    |                     |                        |
| SAMPLE TYPE: Unimodal, Moderately 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: 0.3%                           |                    | COARSE SAND: 14.4%  |                        |
| MODE 2:  |                   |               | SAND: 99.6%                            |                    | MEDIUM SAND: 70.4%  |                        |
| MODE 3:  |                   |               | MUD: 0.0%                              |                    | FINE SAND: 12.5%    |                        |
| D <sub>10</sub> :                                      | 232.2             | 0.632         |  |                    | V FINE SAND: 0.1%   |                        |
| MEDIAN or D <sub>50</sub> :                            | 343.7             | 1.541         | V COARSE GRAVEL: 0.0%                  |                    | V COARSE SILT: 0.0% |                        |
| D <sub>90</sub> :                                      | 645.1             | 2.106         | COARSE GRAVEL: 0.0%                    |                    | COARSE SILT: 0.0%   |                        |
| (D <sub>90</sub> / D <sub>10</sub> ):                  | 2.777             | 3.330         | MEDIUM GRAVEL: 0.0%                    |                    | MEDIUM SILT: 0.0%   |                        |
| (D <sub>90</sub> - D <sub>10</sub> ):                  | 412.8             | 1.474         | FINE GRAVEL: 0.0%                      |                    | FINE SILT: 0.0%     |                        |
| (D <sub>75</sub> / D <sub>25</sub> ):                  | 1.638             | 1.627         | V FINE GRAVEL: 0.3%                    |                    | V FINE SILT: 0.0%   |                        |
| (D <sub>75</sub> - D <sub>25</sub> ):                  | 177.3             | 0.712         | V COARSE SAND: 2.2%                    |                    | 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 ( $\bar{x}$ ):                                    | 414.8             | 367.9         | 1.443                                  | 357.8              | 1.483               | Medium Sand            |
| SORTING ( $\sigma$ ):                                  | 256.7             | 1.521         | 0.605                                  | 1.479              | 0.564               | Moderately Well Sorted |
| SKEWNESS ( $Sk$ ):                                     | 5.223             | 0.985         | -0.985                                 | 0.213              | -0.213              | Coarse Skewed          |
| KURTOSIS ( $K$ ):                                      | 52.63             | 6.838         | 6.838                                  | 1.186              | 1.186               | Leptokurtic            |

