

|  |                   |               |  |                    |                     |                   |
|--|-------------------|---------------|--|--------------------|---------------------|-------------------|
| SIEVING ERROR: 0.2%                                    |                   |               | <u><b>SAMPLE STATISTICS</b></u>        |                    |                     |                   |
| SAMPLE IDENTITY: <b>SR-68-120</b>                      |                   |               | ANALYST & DATE: ,                      |                    |                     |                   |
| SAMPLE TYPE: Unimodal, Moderately 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: 1.6%                           |                    | COARSE SAND: 17.0%  |                   |
| MODE 2:  |                   |               | SAND: 98.4%                            |                    | MEDIUM SAND: 56.8%  |                   |
| MODE 3:  |                   |               | MUD: 0.0%                              |                    | FINE SAND: 17.2%    |                   |
| D <sub>10</sub> :                                      | 213.0             | 0.107         |  |                    | V FINE SAND: 0.2%   |                   |
| MEDIAN or D <sub>50</sub> :                            | 359.7             | 1.475         | V COARSE GRAVEL: 0.0%                  |                    | V COARSE SILT: 0.0% |                   |
| D <sub>90</sub> :                                      | 928.7             | 2.231         | COARSE GRAVEL: 0.0%                    |                    | COARSE SILT: 0.0%   |                   |
| (D <sub>90</sub> / D <sub>10</sub> ):                  | 4.360             | 20.90         | MEDIUM GRAVEL: 0.0%                    |                    | MEDIUM SILT: 0.0%   |                   |
| (D <sub>90</sub> - D <sub>10</sub> ):                  | 715.7             | 2.124         | FINE GRAVEL: 0.6%                      |                    | FINE SILT: 0.0%     |                   |
| (D <sub>75</sub> / D <sub>25</sub> ):                  | 1.884             | 1.948         | V FINE GRAVEL: 1.0%                    |                    | V FINE SILT: 0.0%   |                   |
| (D <sub>75</sub> - D <sub>25</sub> ):                  | 240.5             | 0.914         | V COARSE SAND: 7.2%                    |                    | 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 ( $\bar{x}$ ):                                    | 512.0             | 403.9         | 1.308                                  | 389.8              | 1.359               | Medium Sand       |
| SORTING ( $\sigma$ ):                                  | 508.8             | 1.796         | 0.844                                  | 1.737              | 0.796               | Moderately Sorted |
| SKEWNESS ( $Sk$ ):                                     | 4.902             | 1.220         | -1.220                                 | 0.292              | -0.292              | Coarse Skewed     |
| KURTOSIS ( $K$ ):                                      | 35.81             | 5.046         | 5.046                                  | 1.259              | 1.259               | Leptokurtic       |

