

|  |                   |               |  |                    |                     |                   |
|--|-------------------|---------------|--|--------------------|---------------------|-------------------|
| SIEVING ERROR: 0.0%                                    |                   |               | <u><b>SAMPLE STATISTICS</b></u>        |                    |                     |                   |
| SAMPLE IDENTITY: <b>SR-98-10</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: 1.3%                           |                    | COARSE SAND: 9.8%   |                   |
| MODE 2:  |                   |               | SAND: 98.7%                            |                    | MEDIUM SAND: 53.9%  |                   |
| MODE 3:  |                   |               | MUD: 0.0%                              |                    | FINE SAND: 30.9%    |                   |
| D <sub>10</sub> :                                      | 187.8             | 0.650         |  |                    | V FINE SAND: 0.8%   |                   |
| MEDIAN or D <sub>50</sub> :                            | 296.9             | 1.752         | V COARSE GRAVEL: 0.0%                  |                    | V COARSE SILT: 0.0% |                   |
| D <sub>90</sub> :                                      | 637.5             | 2.413         | COARSE GRAVEL: 0.0%                    |                    | COARSE SILT: 0.0%   |                   |
| (D <sub>90</sub> / D <sub>10</sub> ):                  | 3.394             | 3.714         | MEDIUM GRAVEL: 0.0%                    |                    | MEDIUM SILT: 0.0%   |                   |
| (D <sub>90</sub> - D <sub>10</sub> ):                  | 449.6             | 1.763         | FINE GRAVEL: 0.5%                      |                    | FINE SILT: 0.0%     |                   |
| (D <sub>75</sub> / D <sub>25</sub> ):                  | 1.755             | 1.617         | V FINE GRAVEL: 0.8%                    |                    | V FINE SILT: 0.0%   |                   |
| (D <sub>75</sub> - D <sub>25</sub> ):                  | 172.8             | 0.812         | V COARSE SAND: 3.2%                    |                    | 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 ( $\bar{x}$ ):                                    | 406.0             | 323.8         | 1.627                                  | 307.8              | 1.700               | Medium Sand       |
| SORTING ( $\sigma$ ):                                  | 448.7             | 1.727         | 0.788                                  | 1.625              | 0.700               | Moderately Sorted |
| SKEWNESS ( $Sk$ ):                                     | 6.388             | 1.548         | -1.548                                 | 0.220              | -0.220              | Coarse Skewed     |
| KURTOSIS ( $K$ ):                                      | 55.10             | 7.442         | 7.442                                  | 1.293              | 1.293               | Leptokurtic       |

