

|   |                   |               |                                 |                    |                     |                    |
|---|-------------------|---------------|---------------------------------|--------------------|---------------------|--------------------|
| SIEVING ERROR: 0.0%                         |                   |               | <u><b>SAMPLE STATISTICS</b></u> |                    |                     |                    |
| SAMPLE IDENTITY: <b>SR-62-60</b>            |                   |               | ANALYST & DATE: ,               |                    |                     |                    |
| SAMPLE TYPE: Bimodal, 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: 19.2%                   |                    | COARSE SAND: 7.2%   |                    |
| MODE 2:                                     | 3400.0            | -1.743        | SAND: 79.9%                     |                    | MEDIUM SAND: 26.6%  |                    |
| MODE 3:                                     |                   |               | MUD: 0.9%                       |                    | FINE SAND: 31.3%    |                    |
| D <sub>10</sub> :                           | 138.1             | -1.633        |                                 |                    | V FINE SAND: 5.8%   |                    |
| MEDIAN or D <sub>50</sub> :                 | 317.9             | 1.653         | V COARSE GRAVEL: 0.0%           |                    | V COARSE SILT: 0.1% |                    |
| D <sub>90</sub> :                           | 3101.6            | 2.856         | COARSE GRAVEL: 0.0%             |                    | COARSE SILT: 0.1%   |                    |
| (D <sub>90</sub> / D <sub>10</sub> ):       | 22.45             | -1.749        | MEDIUM GRAVEL: 0.0%             |                    | MEDIUM SILT: 0.1%   |                    |
| (D <sub>90</sub> - D <sub>10</sub> ):       | 2963.5            | 4.489         | FINE GRAVEL: 4.3%               |                    | FINE SILT: 0.1%     |                    |
| (D <sub>75</sub> / D <sub>25</sub> ):       | 6.672             | -5.586        | V FINE GRAVEL: 14.9%            |                    | V FINE SILT: 0.1%   |                    |
| (D <sub>75</sub> - D <sub>25</sub> ):       | 1134.1            | 2.738         | V COARSE SAND: 9.0%             |                    | 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 ( $\bar{x}$ ):                         | 988.4             | 466.0         | 1.102                           | 496.6              | 1.010               | Medium Sand        |
| SORTING ( $\sigma$ ):                       | 1275.9            | 3.338         | 1.739                           | 3.321              | 1.732               | Poorly Sorted      |
| SKEWNESS ( $Sk$ ):                          | 1.659             | 0.282         | -0.282                          | 0.457              | -0.457              | Very Coarse Skewed |
| KURTOSIS ( $K$ ):                           | 4.657             | 2.921         | 2.921                           | 0.767              | 0.767               | Platykurtic        |

