

## SAMPLE STATISTICS

|  |  |                                   |
|--|--|-----------------------------------|
| SIEVING ERROR: 0.0%                                    | VIBRACORE                              | SIEVE INTERVAL $\frac{1}{2} \phi$ |
| SAMPLE IDENTITY: <b>SR-3-180</b>                       | ANALYST & DATE:                        |                                   |
| SAMPLE TYPE: Unimodal, Moderately Sorted               | TEXTURAL GROUP: Slightly Gravelly Sand |                                   |
| SEDIMENT NAME: Slightly Very Fine Gravelly Medium Sand |  |                                   |

|                                       |               |          | GRAIN SIZE DISTRIBUTION |       |                |       |
|---------------------------------------|---------------|----------|-------------------------|-------|----------------|-------|
|                                       | $\mu\text{m}$ | $\phi$   |                         |       |                |       |
| MODE 1:                               | 302.5         | 1.747    | GRAVEL:                 | 3.5%  | COARSE SAND:   | 14.7% |
| MODE 2:                               |               |          | SAND:                   | 96.4% | MEDIUM SAND:   | 49.3% |
| MODE 3:                               |               |          | MUD:                    | 0.1%  | FINE SAND:     | 24.1% |
| D <sub>10</sub> :                     | 187.1         | -0.012   |                         |       | V FINE SAND:   | 1.8%  |
| MEDIAN or D <sub>50</sub> :           | 338.3         | 1.564    | V COARSE GRAVEL:        | 0.0%  | V COARSE SILT: | 0.0%  |
| D <sub>90</sub> :                     | 1008.6        | 2.418    | COARSE GRAVEL:          | 0.0%  | COARSE SILT:   | 0.0%  |
| (D <sub>90</sub> / D <sub>10</sub> ): | 5.391         | -195.228 | MEDIUM GRAVEL:          | 0.0%  | MEDIUM SILT:   | 0.0%  |
| (D <sub>90</sub> - D <sub>10</sub> ): | 821.5         | 2.431    | FINE GRAVEL:            | 0.8%  | FINE SILT:     | 0.0%  |
| (D <sub>75</sub> / D <sub>25</sub> ): | 2.028         | 2.015    | V FINE GRAVEL:          | 2.8%  | V FINE SILT:   | 0.0%  |
| (D <sub>75</sub> - D <sub>25</sub> ): | 252.5         | 1.020    | V COARSE SAND:          | 6.6%  | 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 :     | 530.5             | 381.8         | 1.389       | 360.1              | 1.474       | Medium Sand       |
| SORTING :  | 625.4             | 2.003         | 1.002       | 1.922              | 0.942       | Moderately Sorted |
| SKEWNESS : | 4.056             | 1.037         | -1.037      | 0.247              | -0.247      | Coarse Skewed     |
| KURTOSIS : | 22.93             | 5.082         | 5.082       | 1.395              | 1.395       | Leptokurtic       |

