

SIEVING ERROR: 0.1%

**SAMPLE STATISTICS**SAMPLE IDENTITY: **SR-67-270**

ANALYST &amp; 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: 3.5%            | COARSE SAND: 5.3%   |             |                    |
| MODE 2:                               |                   |               | SAND: 96.5%             | MEDIUM SAND: 50.3%  |             |                    |
| MODE 3:                               |                   |               | MUD: 0.0%               | FINE SAND: 36.4%    |             |                    |
| D <sub>10</sub> :                     | 186.2             | 0.651         |                         | V FINE SAND: 0.9%   |             |                    |
| MEDIAN or D <sub>50</sub> :           | 280.6             | 1.834         | V COARSE GRAVEL: 0.0%   | V COARSE SILT: 0.0% |             |                    |
| D <sub>90</sub> :                     | 636.7             | 2.425         | COARSE GRAVEL: 0.0%     | COARSE SILT: 0.0%   |             |                    |
| (D <sub>90</sub> / D <sub>10</sub> ): | 3.419             | 3.723         | MEDIUM GRAVEL: 0.0%     | MEDIUM SILT: 0.0%   |             |                    |
| (D <sub>90</sub> - D <sub>10</sub> ): | 450.5             | 1.774         | FINE GRAVEL: 0.6%       | FINE SILT: 0.0%     |             |                    |
| (D <sub>75</sub> / D <sub>25</sub> ): | 1.610             | 1.457         | V FINE GRAVEL: 2.9%     | V FINE SILT: 0.0%   |             |                    |
| (D <sub>75</sub> - D <sub>25</sub> ): | 133.6             | 0.687         | V COARSE SAND: 3.6%     | 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 ( $\bar{x}$ ):                   | 439.1             | 317.7         | 1.654                   | 292.7               | 1.773       | Medium Sand        |
| SORTING ( $\sigma$ ):                 | 586.2             | 1.882         | 0.912                   | 1.725               | 0.787       | Moderately Sorted  |
| SKEWNESS ( $Sk$ ):                    | 4.607             | 1.859         | -1.859                  | 0.329               | -0.329      | Very Coarse Skewed |
| KURTOSIS ( $K$ ):                     | 27.40             | 7.973         | 7.973                   | 1.937               | 1.937       | Very Leptokurtic   |

**GRAIN SIZE DISTRIBUTION**