1. Properties of the Rock Strata:

Surface RL: 200 ML

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| Particulars | RL | GSI | Density (kg/m3) | Young’s modulus (GPa) | Poisson’s ratio | Compressive strength (MPa) |  |
| **Orebody**  **(Average GSI)** | 120 ML | 66.8 | 2688 | 25 | 0.14 | 119.16 | 15 |
| 60 ML | 56.5 | 2753 | 15 | 0.14 | 119.72 | 15 |
| 0 ML | 56.5 | 3198 | 8 | 0.12 | 107.25 | 12 |
| Host rock | All | 60 | 3146 | 10 | 0.15 | 85 | 12 |