| **Description** | **Units** | **Value** | | REF |
| --- | --- | --- | --- | --- |
| **nom** | **design** |
| Haul truck capacity | mt | 220 | | K |
| dumping direction |  | two side dumping | |  |
| ROM ore top size | mm | 1200 | | C2 |
| ROM ore dump pocket live capacity | mt | 440 | | C2 |
| Crusher product pocket live capacity | mt | 490 | | C2 |
| Crusher feed rate | mtph | 2417 | 2877 | F |
| Ore bulk density (volume based) | mt/m3 | 1.6 | | B2 |
| Ore bulk density (weight based) | mt/m3 | 1.9 | | F |
| Ore moisture | % | 2 | 3 | B2 |
| manufacturer of hydraulic breaker |  | BTI or equivalent | | TBC |
| size of hydraulic breaker |  |  | | TBD |
| Crusher type |  | FLSmidth Gyratory | | E |
| Crusher unit |  | 1 | | E |
| Crusher size |  | 60" x 89" | | E |
| Crusher installed motor power | kw | 600 | | E |
| Maintenance Crane | mt | 80 | | G |
| Crusher OSS | mm | 178 | | E |
| Crusher product size, P80 | mm | 178 | | F |
| Primary crusher discharge feeder |  | Apron feeder | | E |
| Discharge feeder size | m | 2.1 x 10 | | E |
| Primary conveyor |  |  |  |  |
| Belt speed | m/s | 1.8 - 2.5 | | C2 |
| Conveyor design factor |  | 1.15 | | F |
| Conveyor Design capacity | mtph | 2877 | 3309 | H |
| Withdraw angle in crusher dump/discharge pocket | deg | 60 | | I |