



Construction of Reject Cell 3

Client:

Yancoal Australia, Cameby Downs Mine

Project Duration:

3 months

Enquires:

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PROJECT BRIEF

Cameby Downs Mine Rejects Dam storage capacity was close to exhaustion. Our client required the construction of a certified engineered structure for the holding of co-disposal tailings (Rejects) to prevent the halting of mine production.

Project Challenges

Working in Live tailings environment under strict time and quality constraints. Construction of a perimeter embankment adjacent to existing Cell 1 and Cell 2 Rejects Dams to accommodate additional tailings storage to service our clients' operations.

Project Approach & Objectives

Coordinate with RPEQ Certified Engineer to manage extensive quality control assurance to project specifications. Significant interaction with client operations in a working mining environment. Strict environmental and cultural heritage constraints were met.

- Construction of laydown areas & access roads, removal of rubbish and waste
- Survey and Set-out, inclusive of As-Built drawings
- Clearing and grubbing of 4 ha with construction of internal and external embankments
- Removal and stockpiling of tailings and course rejects
- Detailed excavations for access roads, foundations, key trenches with placement and conditioning
- Haul road construction, maintenance, and LV road resurfacing
- Installation and supply of materials for culverts, drains, water outlets, geotextile beds and rock mattresses
- Management of sub-contractors for seeding and hydro mulching