Baal Bone Colliery

GLENCORE

Unique Attributes

- Deployment of drone Geotech surveying to quantify work progress and outputs
- Use of GPS enabled heavy earthmoving equipment to optimise programming and sequencing
- Multiple demolition methodologies employed for variety of structures – explosive, induced collapse, mechanical, cut-and-lift
- Earthworks to reshape and contour landform to a design surface
- Working within a live waterway to rehabilitate and re-establish natural creek flows

Key Challenges

- Seeding and tube stock planting of native vegetation across more than 60Ha site footprint
- Management of more than 3,000m3 of hydrocarbon contaminated soils
- More than 50Ha of detailed earthworks and drainage - verification of quantities and design surface models
- Vegetation clearing on overburden stockpiles and removal of (introduced) Pine trees - more than 10Ha of non-native vegetation cleared across site
- Capping of Tailings Dam with 80,000m3 of CCR

Project Statistics

>50,000
TOTAL WORKHOURS

1,000,000M3
EARTHWORKS - SHAPE, HAUL, MOVE, PUSH

22Ha
NATIVE & GRASSLAND SEEDING

14Ha
SCARIFICATION OF POWERPOLE EASEMENT

SITE ESTABLISHMENT | STRIP OUT | ASBESTOS REMOVAL | MANUAL DEMOLITION | MECHANICAL DEMOLITION | EXPLOSIVE DEMOLITION | INDUCED COLLAPSE | CUT & LIFT DEMOLITION | TEMP WORKS ENGINEERING | WASTE TRANSFER | CONCRETE RECYCLING | STEEL RECYCLING | ENVIRO CONTROLS & MONITORING | GEOTECH ANALYSIS & SURVEYING | BULK EARTHWORKS | DETAILED EARTHWORKS | SITE DEWATERING | WATER DIVERSION & RUNOFF CONTROLS | GROUND IMPROVEMENT | SLOPE STABILISATION | BACKFILLING & COMPACTION | CAPPING & CONTAINMENT | ONSITE TIPPING & STOCKPILE MANAGEMENT

cma contracting