



# CD1C Fixed Asset Closure

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## Unique Attributes

- Integrated demolition, civil and rehabilitation works program in remote region of The Pilbara in Western Australia
- Induced collapse and mechanical demolition methodologies employed for a variety of industrial structures - Car Dumper 1; CO1 Conveyor; Dust Collector 07
- Construction of a redesigned rail access road to improve drainage and site functionality

## Key Challenges

- Programming and sequencing of works to accommodate remote location, including Comprehensive Level 2 Risk Assessments for all demolition activities and delayed approvals for contaminated soil
- Innovative technical solutions to overcome complex challenges, including electrical disconnections during a restricted shutdown window, the controlled (induced collapse) felling of Dust Collector 07, and the safe dismantling of the CO1 conveyor within a confined tunnel environment

## Project Statistics

**>30,000**  
TOTAL WORKHOURS

**>7,600M3**  
GROUT PLACEMENT

**>1,000**  
HEAVY VEHICLE MOVEMENTS

- SITE ESTABLISHMENT
- IMPACTED SOIL
- MECHANICAL DEMOLITION
- INDUCED COLLAPSE
- HOT WORKS
- ELEVATED WORK PLATFORMS
- 3D ENGINEERED MODELLING
- 3RD PARTY ENGINEERING
- BULK EARTHWORKS
- BACKFILLING & COMPACTION
- STEEL RECYCLING
- ENVIRO CONTROLS & MONITORING

