Stratford Coal Mine

YANCOAL

Unique Attributes

- Induced collapse and mechanical demolition methodolgies for removal of various industrial structures - Train Loading Bin; Skyline Conveyors; Coal Processing Plant & Ultra Fines Building; Transfer & Tipper Tower; Reclaim Tunnels; ROM Bin & Wall; Light Tower; and Train Parking Bay
- Site specific work plans designed to accommodate unique safety and environmental attributes for successful execution of induced fells and tunnel excavations

Key Challenges

- Demolition of two Reclaim Tunnels (90m and 140m long) required extensive excavations, heavily reinforced concrete removal, and careful management of contaminated materials
- Induced collapse of major structures (up to 35m high) involved strict wind limits, complex pre-cut sequencing, unstable ground conditions, and restricted access for 120T excavator
- Demolition works adjacent to 11kV live services required strict isolation procedures, enhanced safety controls, and spotter supervision

Project Statistics

>9,600
TOTAL WORKHOURS

>24,000M3
RECLAIM TUNNEL EXCAVATIONS

7
INDUCED FELLS

4,680T | 145T
FERROUS & NON FERROUS STEEL RECYCLED

SITE ESTABLISHMENT · LEAD CONTAMINATED WASTE · 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

cma contracting