

MACHEnergy

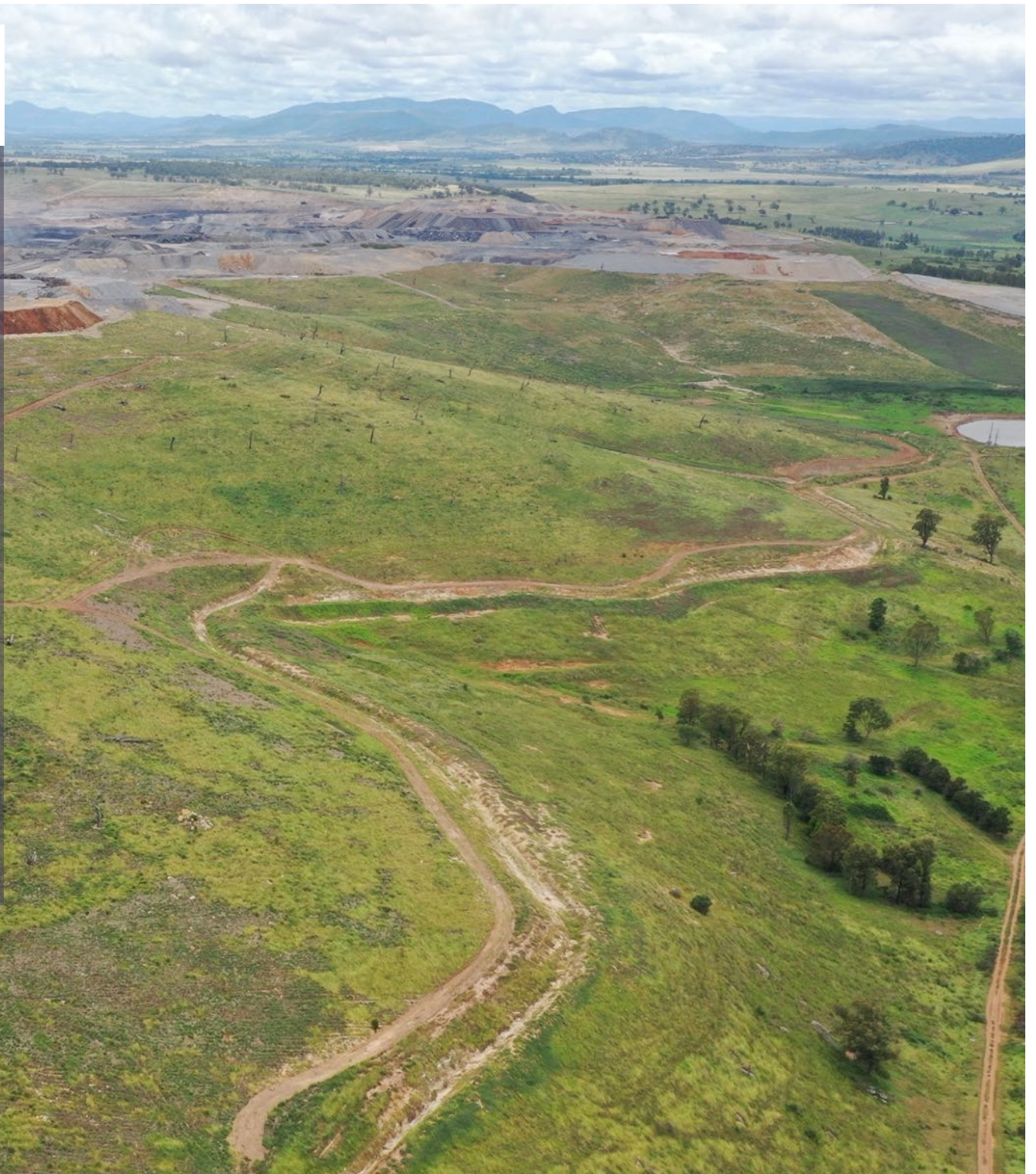
Mount Pleasant Operation

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JCDA
Japan Coal Development Australia

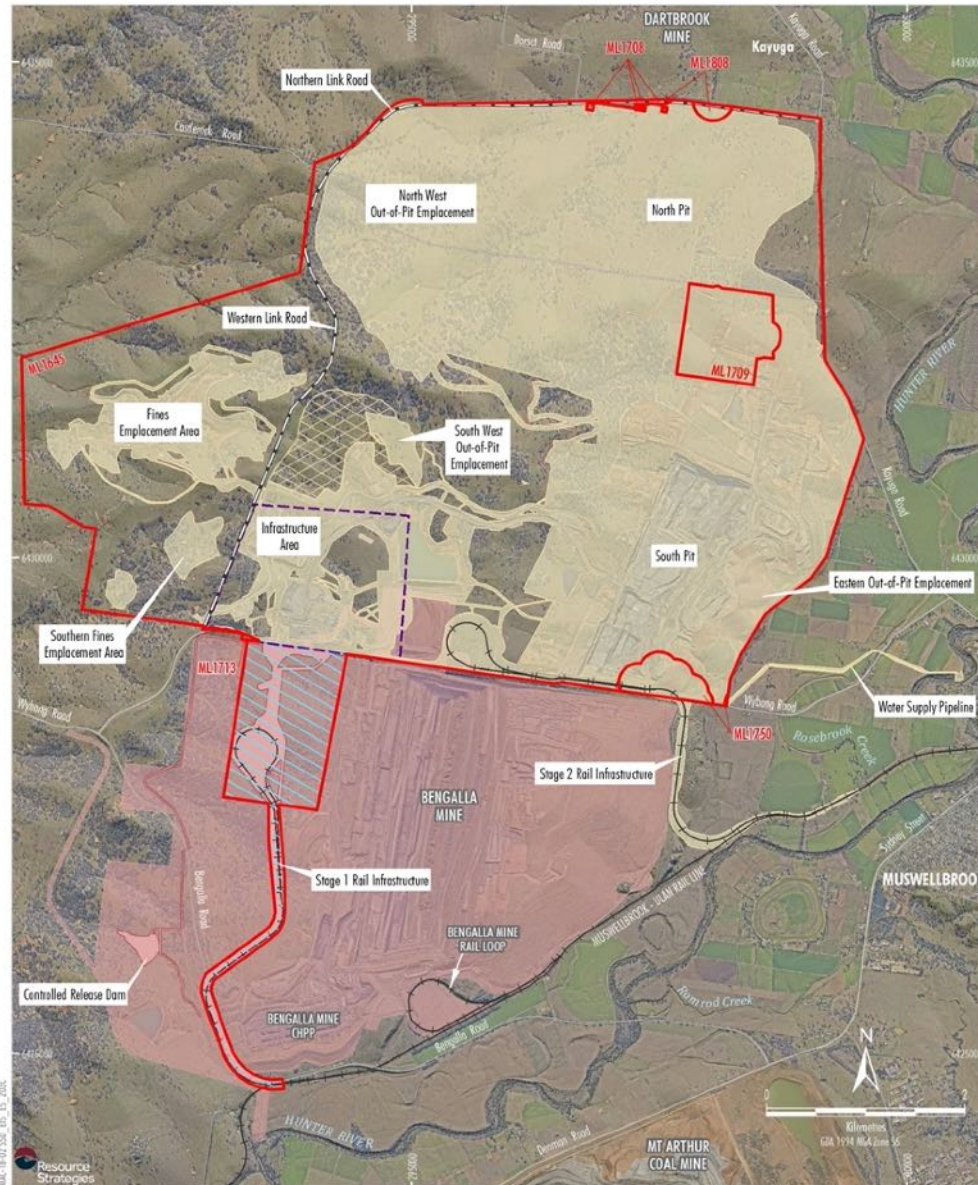
Mount Pleasant Optimisation Project

IPC Public Hearing

8 July 2022



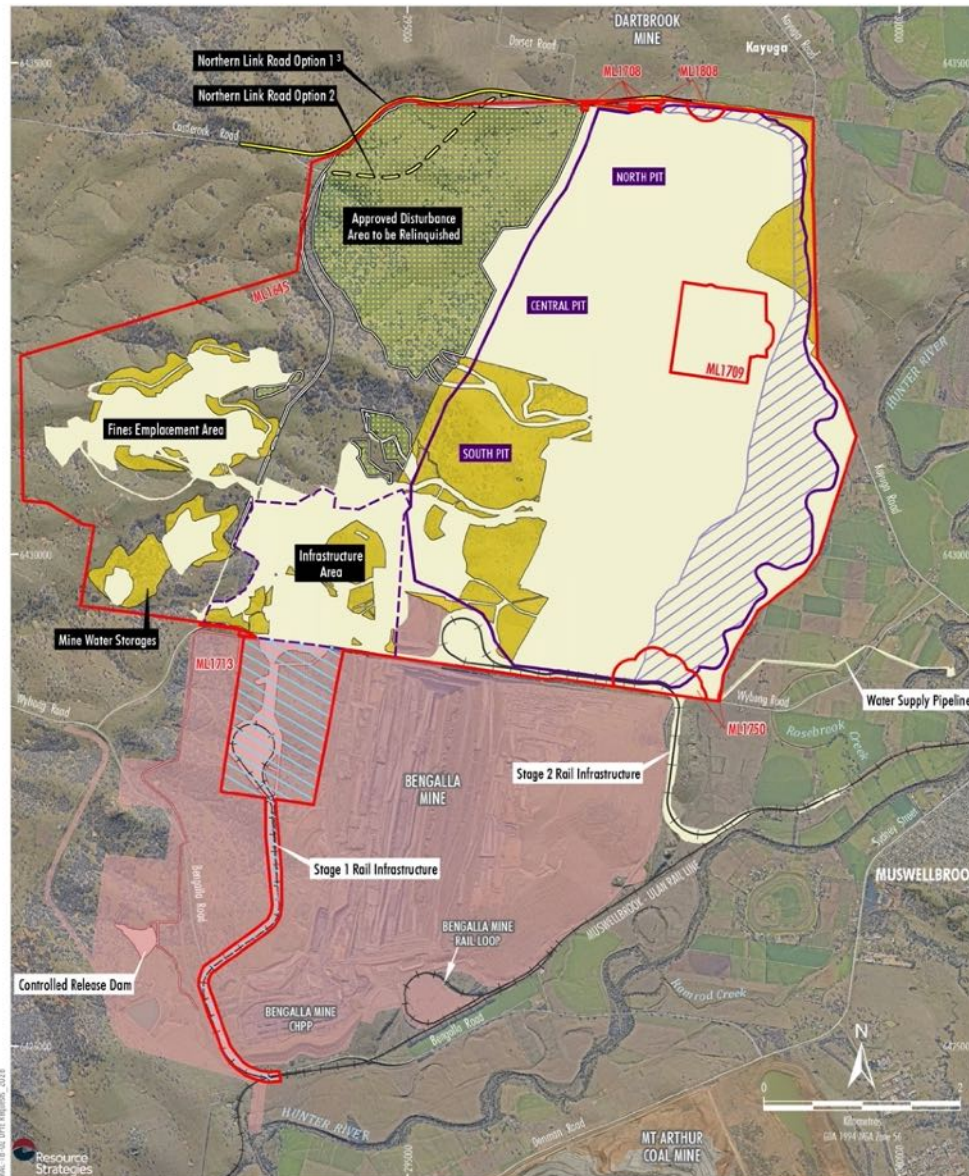
Approvals Overview



- Approved under EP&A Act, December 1999:
 - 10.5 Mtpa ROM coal
 - Three out-of-pit waste rock emplacements
 - Northern and Western Link Roads
 - Multiple final voids
 - Four modifications – current life to 2026
- Approved under the EPBC Act in 2012, approval extends to 2040

- LEGEND
- Mining Lease Boundary (Mount Pleasant Operation)
 - Approximate Extent of Existing/Approved Surface Development (DA92/97) ¹
 - Area Relinquished for Overburden Emplacement and Major Infrastructure
 - Infrastructure Area Envelope
 - Northern and Western Link Road
 - Infrastructure to be removed under the Terms of Condition 37, Schedule 3 (DA92/97)
 - Bengalla Mine Approved Disturbance Boundary (SSD-5170)
 - Existing/Approved Mount Pleasant Operation Infrastructure within Bengalla Mine Approved Disturbance Boundary (SSD-5170) ¹

Key Optimisation Features



- The Relinquishment Area facilitates Project infill areas without increasing total land disturbance
- The higher single integrated waste rock emplacement reduces the number of out-of-pit emplacements
- Western Link Road is not required, and Northern Link Road realigned

LEGEND

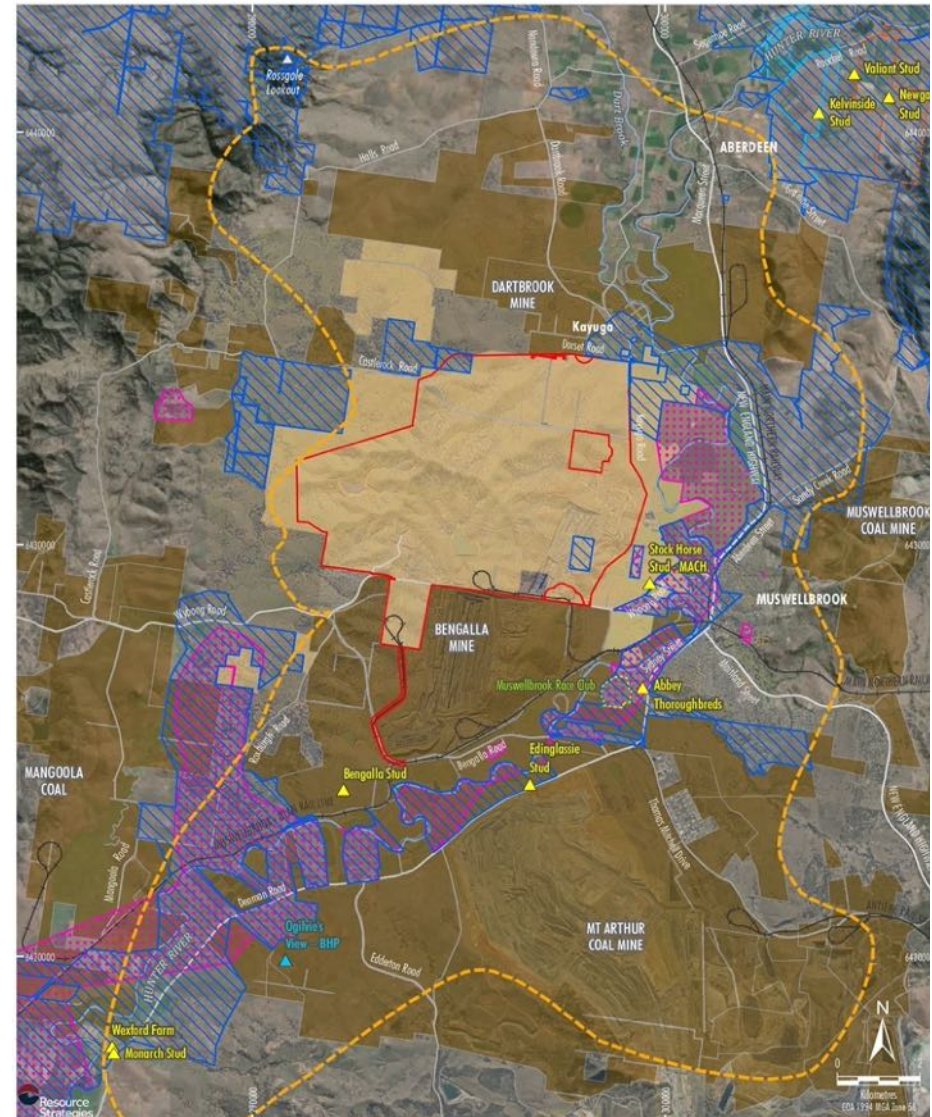
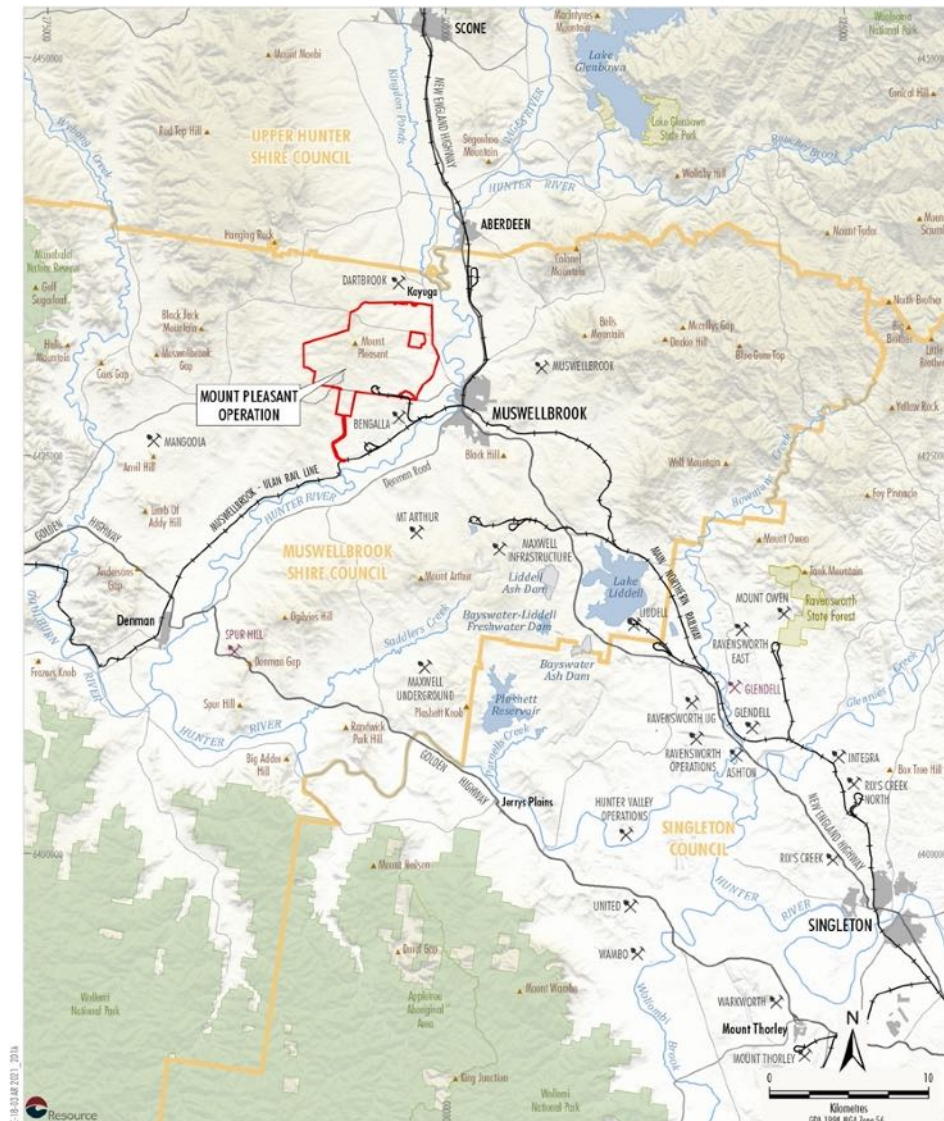
Existing Mine Elements

- Mining Lease Boundary (Mount Pleasant Operation)
- Project Continuation of Existing/Approved Surface Development (DA92/97)¹
- Infrastructure to be removed under the Terms of Condition 37, Schedule 3 (DA92/97)
- Bengalla Mine Approved Disturbance Boundary (SSD-5170)
- Existing/Approved Mount Pleasant Operation Infrastructure within Bengalla Mine Approved Disturbance Boundary (SSD-5170)¹

Additional/Revised Project Elements

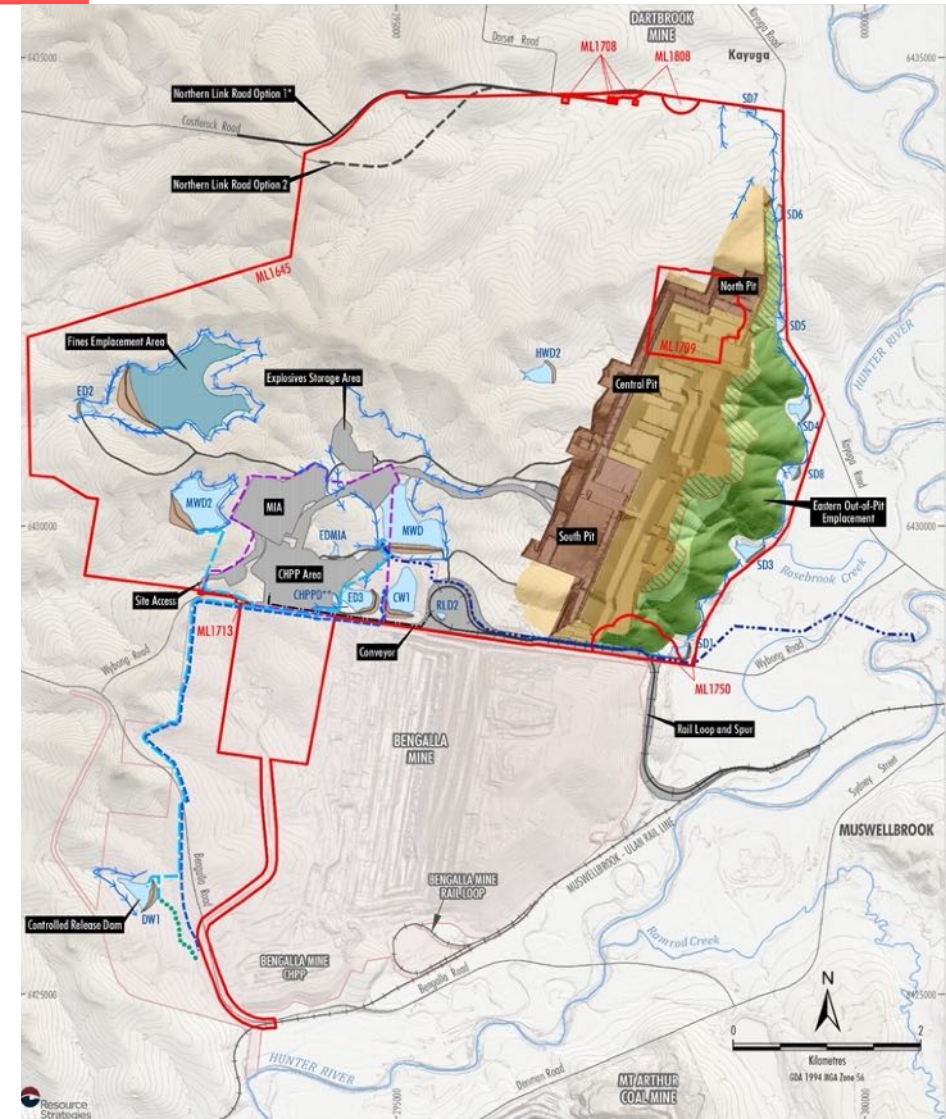
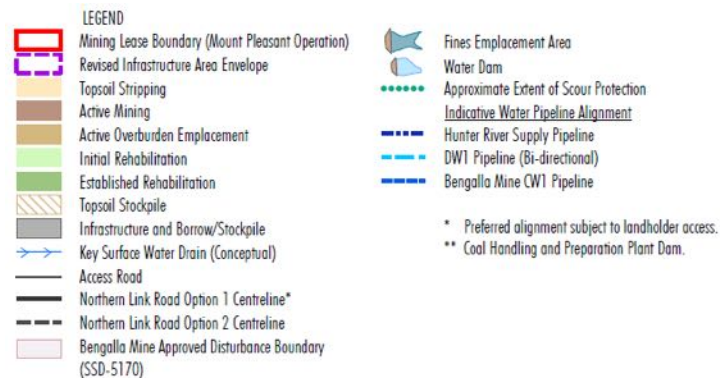
- Approved Disturbance Area to be Relinquished²
- Approximate Additional Disturbance of Project Extensions¹
- Northern Link Road Option 1 Centreline³
- Northern Link Road Option 2 Centreline
- Approximate Extent of Project Open Cut and Waste Rock Emplacement Landforms
- Approximate Extent of Project Out-of-Pit Waste Emplacement
- Revised Infrastructure Area Envelope

Hunter Valley Co-existence



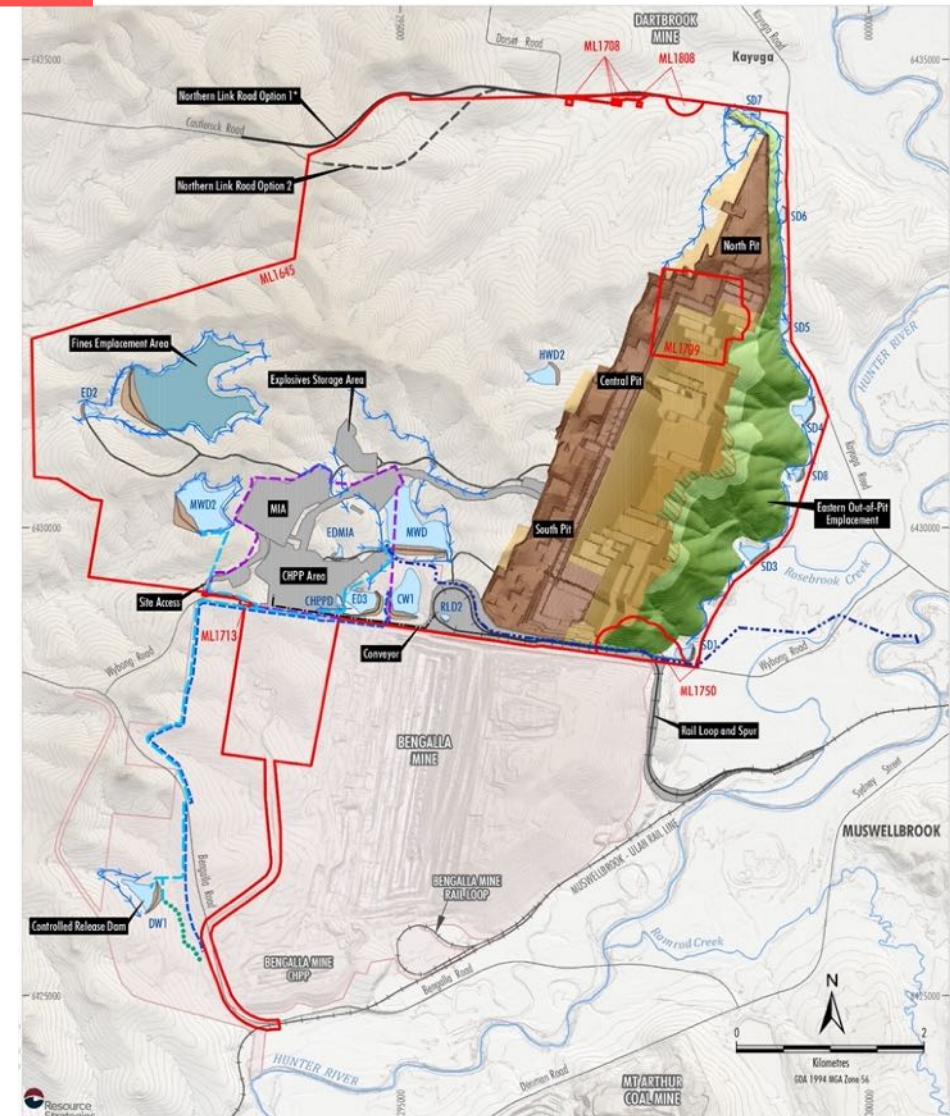
Project General Arrangement

Project General Arrangement - 2026



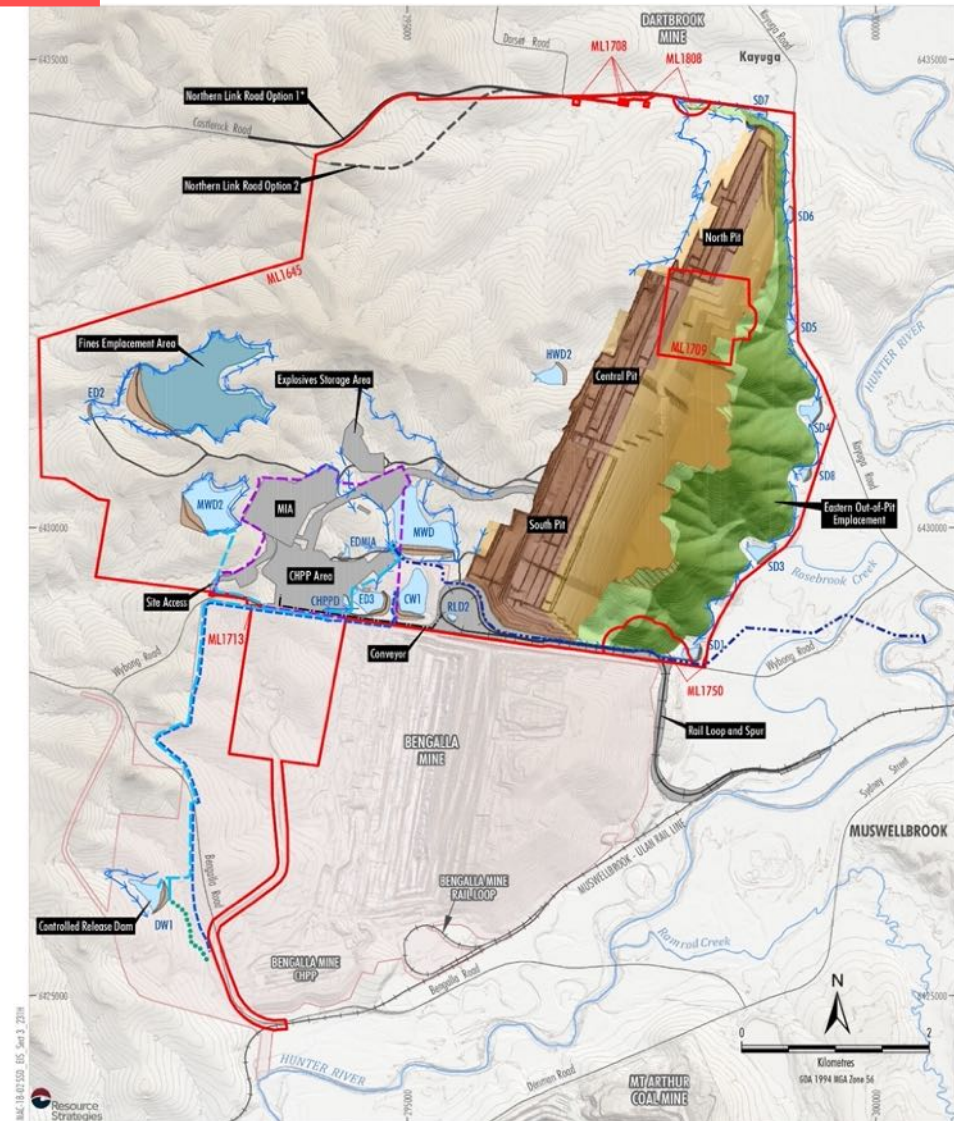
Project General Arrangement

Project General Arrangement - 2028



Project General Arrangement

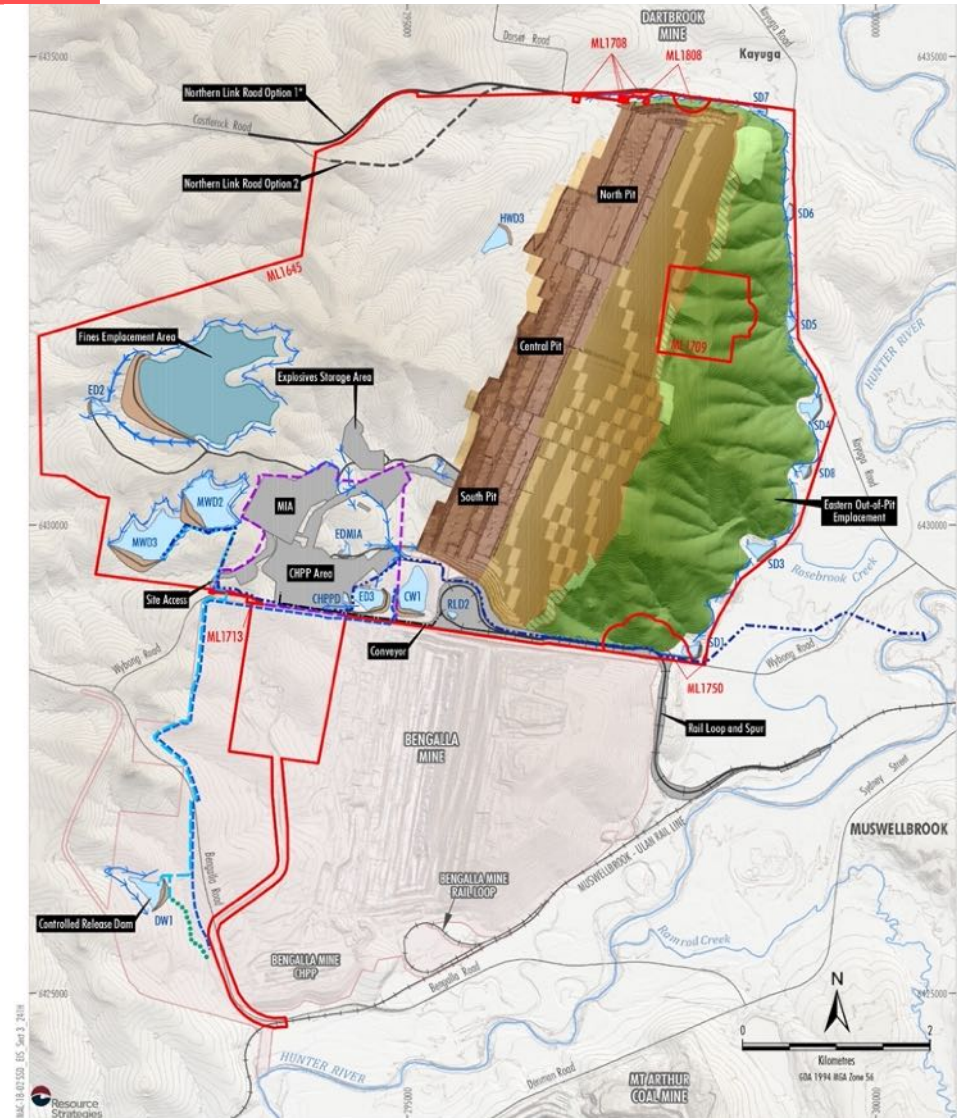
Project General Arrangement - 2031



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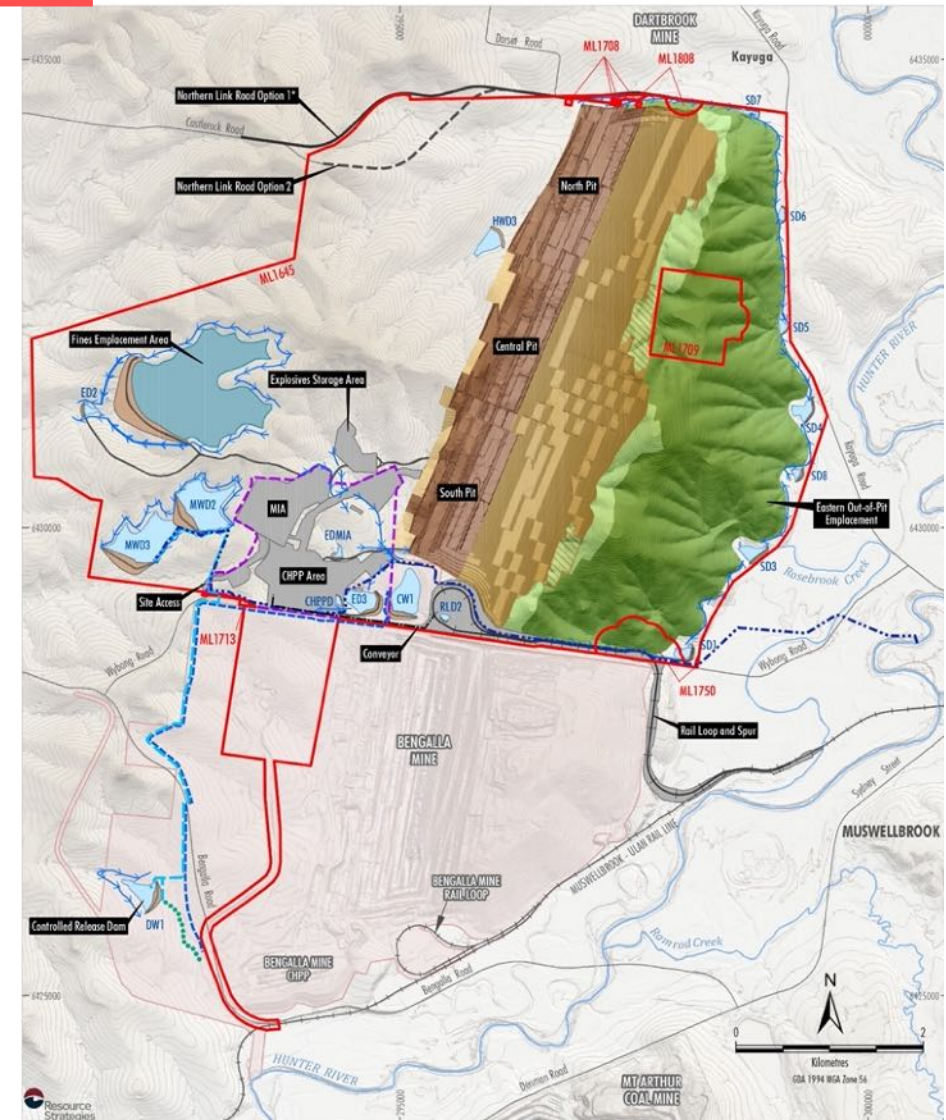
Project General Arrangement

Project General Arrangement - 2041



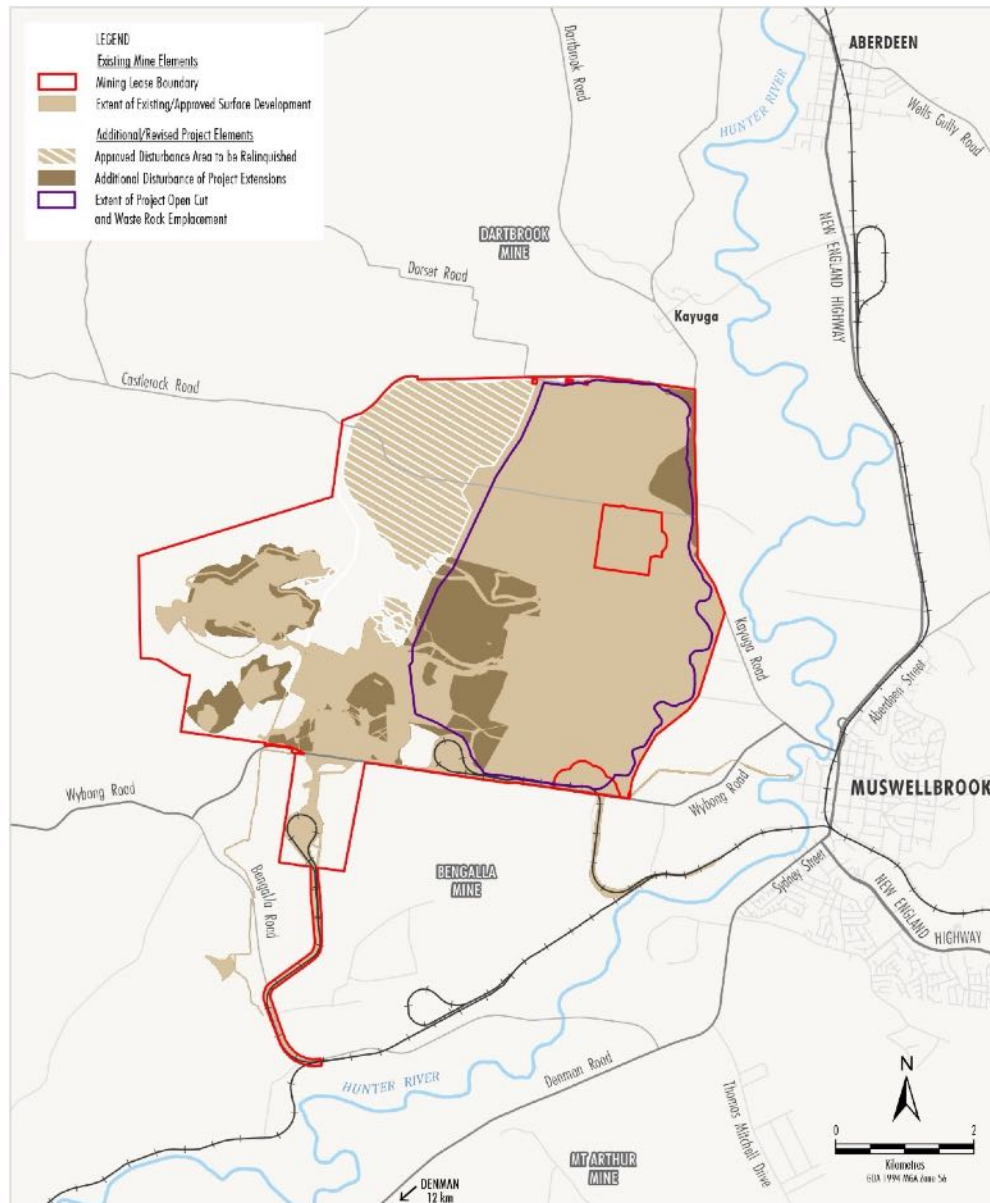
Project General Arrangement

Project General Arrangement - 2044



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Project Overview



- Extension of the mine life from 2026 to 2048
- All pits mining to Edderton Seam floor to improve resource recovery
- Gradual, staged increase in mining rate as pit moves west
- Continued mining of coal resources as other mines in the region downsize
- Consolidation through relinquishment of part of the approved mine area

Thank You

