

Minutes

Clarence Colliery Community Consultative Committee

Meeting	Clarence Colliery CCC	Date	28 March 2023
		Time	10:00am
Venue	Clarence Colliery, Clarence Colliery Road, Clarence NSW		
Independent Chair	Deborah Palmer (DP)		
Attendees	Tom Ferguson (TF): Community Representative Cr Maree Statham (MS), Lithgow City Council Lauren Stevens (LS): Lithgow City Council Representative Brian Nicholls (BN): Centennial Matt Ribas (MR): Centennial James Marshall (JM), Centennial Daniel Cortez, Centennial	Apologies	Larry Anderson: Community Representative Ian de Beuzeville: Community Representative

Item	Action item	Responsibility
1	Share arial images of the REA 3 Rehabilitation Area with the CCC	Matt Ribas
2	Brief Lithgow Council in April on Centennial's work and on the DA 174-93 Mod 2 work.	James Marshall
3	Site visit to occur in 2023 with a focus on the rehabilitation areas	Matt Ribas
4	Next meeting date of 7 June 2023 to be sent to members	Deborah Palmer

Item	Discussion Point	Action
1.	Welcome and Acknowledgement of Country <ul style="list-style-type: none">The Chair welcomed all CCC Members and gave an Acknowledgement of Country.The Chair thanked everyone for attending and appreciated their attendance.The Chair outlined the rules for the CCC meeting, asked all members to respect each other, and asked participants to wait until the end of the presentations to ask questions.	
2.	Apologies <ul style="list-style-type: none">Apologies were received, and there were no changes to the CCC membership	
3.	Code of Conduct and pecuniary or other interests <ul style="list-style-type: none">The Chair reinforced the code of conduct and emphasised that we want an atmosphere of open, constructive, and respectful discussion. The Chair requested any updates on pecuniary or non-pecuniary interests. No updates were provided.	

4. **Confirmation of minutes of the previous meeting held 15 February 2022**

- The minutes of the previous meeting were confirmed.

5. **Business arising from previous minutes**

- There were no previous actions arising from the previous meeting.

6. **Correspondence**

- There was no correspondence to Chair.

7. **Company and other reports**

Clarence Colliery Operational Report was provided by BN and MB. The detail was provided as follows, and the presentation is attached.

- Introduction (period September 2022 – March 2023)
- Operations summary
- Environmental performance
- Environmental management
- Projects
 - Clarence Pipeline Project
 - REA 3 Rehabilitation
 - Extraction Plan (918-920 panels)
 - Clarence – DA174-93 Modification 2
 - DA504-00 Modification 9 – Coal Transfer to Mt Piper Power Station
 - Proposed activities for the next period.

Following the detailed report, the Chair sought questions and comments from the CCC members regarding the presentation and the following were the questions raised and key points discussed.

- Clarence is currently approved to supply coal by road to the Mt Piper Power Station (MPPS).
- Coal extraction in section 804 has been challenging due to underground geology. The modelling that has done through core testing ahead of extraction has been useful in the prediction of faults in the area, but it cannot be certain.
- It is anticipated the life of the mine will be to 2037, at which point the end of the Katoomba Seam will have been reached.
- The short wall mining technique is proposed to the north of the mine lease. Extraction Plans are currently being prepared.
- It was noted the criteria for water at Clarence is very tight and at times it is a difficult criterion to meet.
- Centennial continues to progress with plans to cease to discharge water into the Wollangambe River. Discharge will be directed to the Oakley Water Treatment Plant to assist with supply to Lithgow. This is part of Centennial's Western Water Supply Strategy. It was also noted that funding for this strategy is contributed to by a range of stakeholders (Centennial, local and state governments).

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- Discussion of the REA 3 Rehabilitation Area led to a request for aerial images of the area to be shared with the group in order to demonstrate the progression of rehabilitation activities.

Action Item 1: Share aerial images of the REA 3 Rehabilitation Area with the CCC (MR)

Action Item 1

- Discussion of the DA 174-93 Mod 2 noted that moving to a short wall method as part of this modification would bring environmental benefits. JM noted the importance of briefing Lithgow councillors on the project. JM will seek a briefing with Council in April to provide an overview presentation about Centennial's work, with a focus on the Mod 2 work.

Action Item 2: Brief Lithgow Council in April on Centennial's work and on the DA 174-93 Mod 2 work.

Action Item 2

- Members noted Lithgow is already in the transition period away from its dominant reliance on coal and to other industries. Transition isn't a hard stop. There was support for Council's Leap Strategy.

8. Planning for 2023 CCC meetings

In considering planning for future meetings, the Chair asked the CCC to consider the following questions:

1. What has worked well with the Clarence Colliery CCC to date
2. Is there anything that could be improved?
3. What would you like to see addressed by the Committee in 2023?

The group discussed the following points:

- Centennial is excellent at reporting in these CCCs and being transparent regarding incidents or community complaints.
- It was noted there hadn't been any noise complaints about the site since 2017.
- Communication with the community about Centennial's operations was highlighted as a key opportunity with the suggestion for media releases about key projects and achievements. The CCC needs to ensure that this information and reports are filtered into the community.
- The group discussed the rehabilitation work that has taken place on site and Centennial noted that company's contracted locally based organisations to do the work had included Henry's, and the Bush Doctor.
- The group also noted the sponsorship work undertaken by Centennial that supports the local community.
- The members noted their interest in a site visit with a focus on the rehabilitation areas. It was agreed this visit should occur at the Q3 2023 meeting. **Action Item 3:** Site visit to occur in 2023 with a focus on the rehabilitation areas.

Action Item 3

9. General business

The Chair requested any general business items. Nil was raised.

10. **Next meeting**

Action Item 4

The next was set for 7 June at 10am at the Clarence Colliery

Action Item 4: Deborah to send next meeting invite to members.

Meeting closed at 11:00am

Clarence Colliery

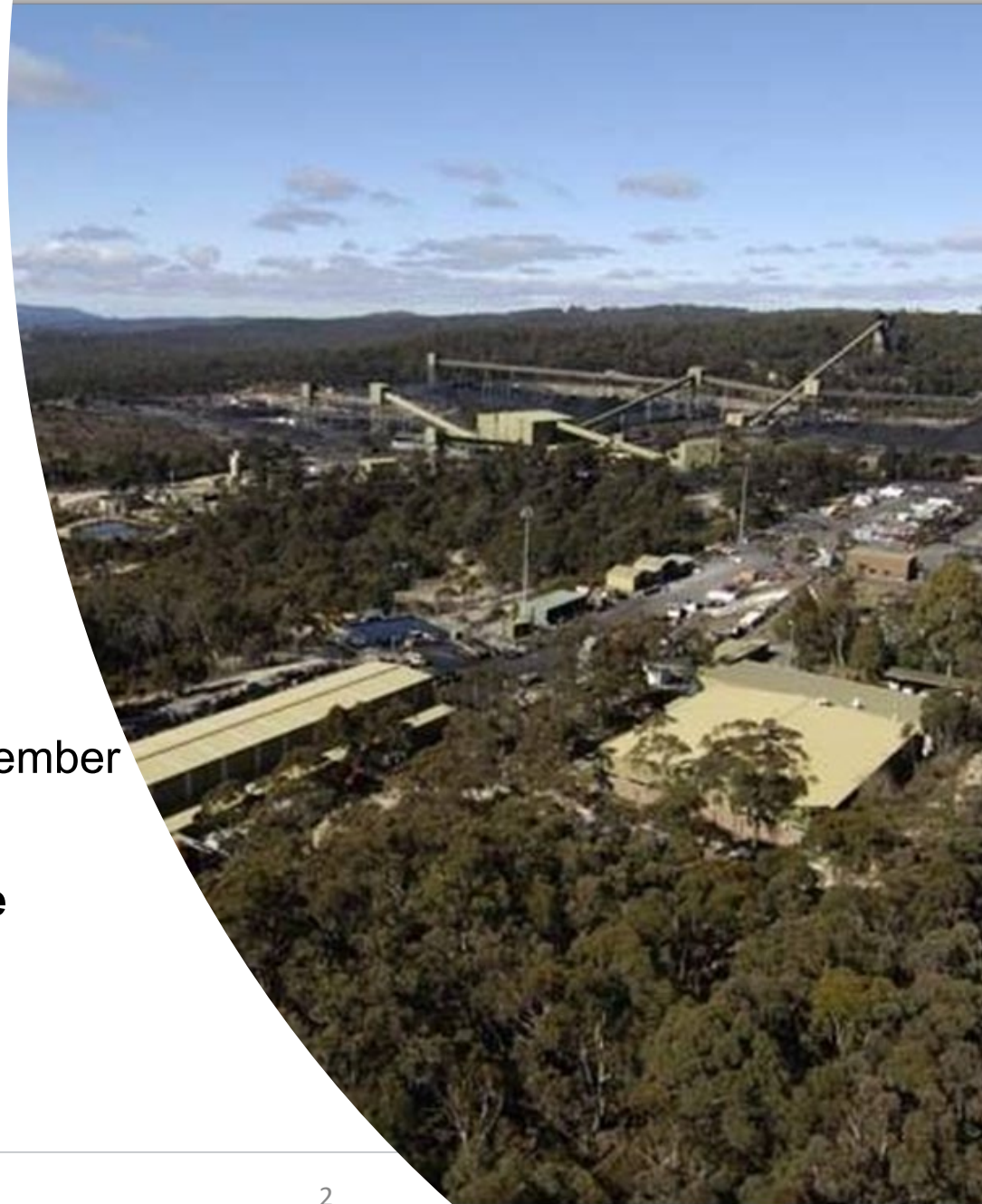
*Clarence Community Consultative Committee
Presentation 28 March 2023*

Introduction

- **Reporting Period:**
- September 2022 – March 2023

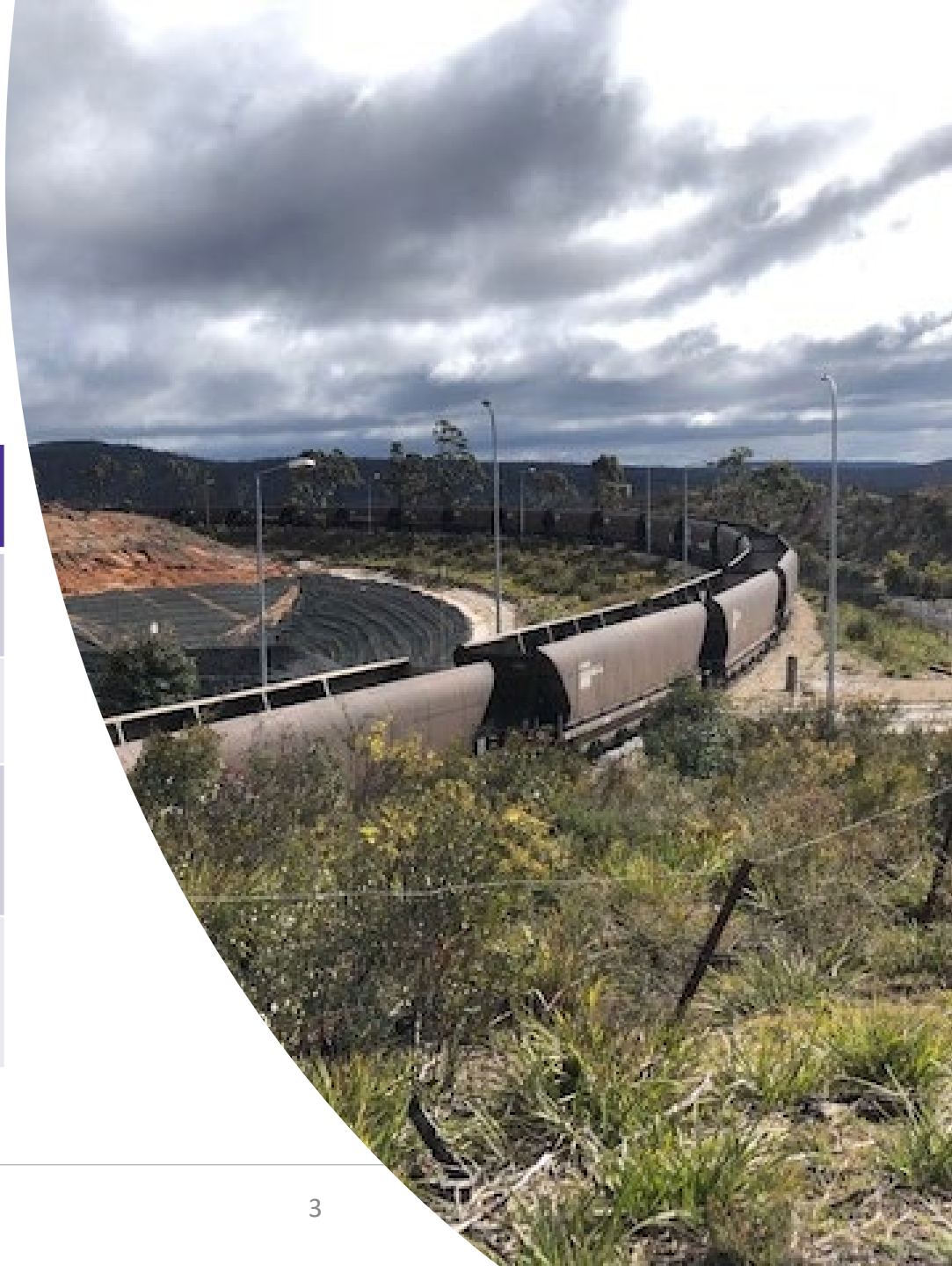
- **Consents/Project Approvals**
- DA 504-00 MOD 9 Approved in November

- **Environmental Protection Licence**
- EPL 726
- Variation approved



Operations Summary

	2022 Summary	2023 YTD Summary
Tonnes Mined	1.6 million tonnes	107,194t
Annual Forecast	1.9 million tonnes	1.9 million tonnes
Tonnes Transported via Rail	1,187,000t	74,400t
Tonnes Transported via Road	169,500t	41,400t



Operations

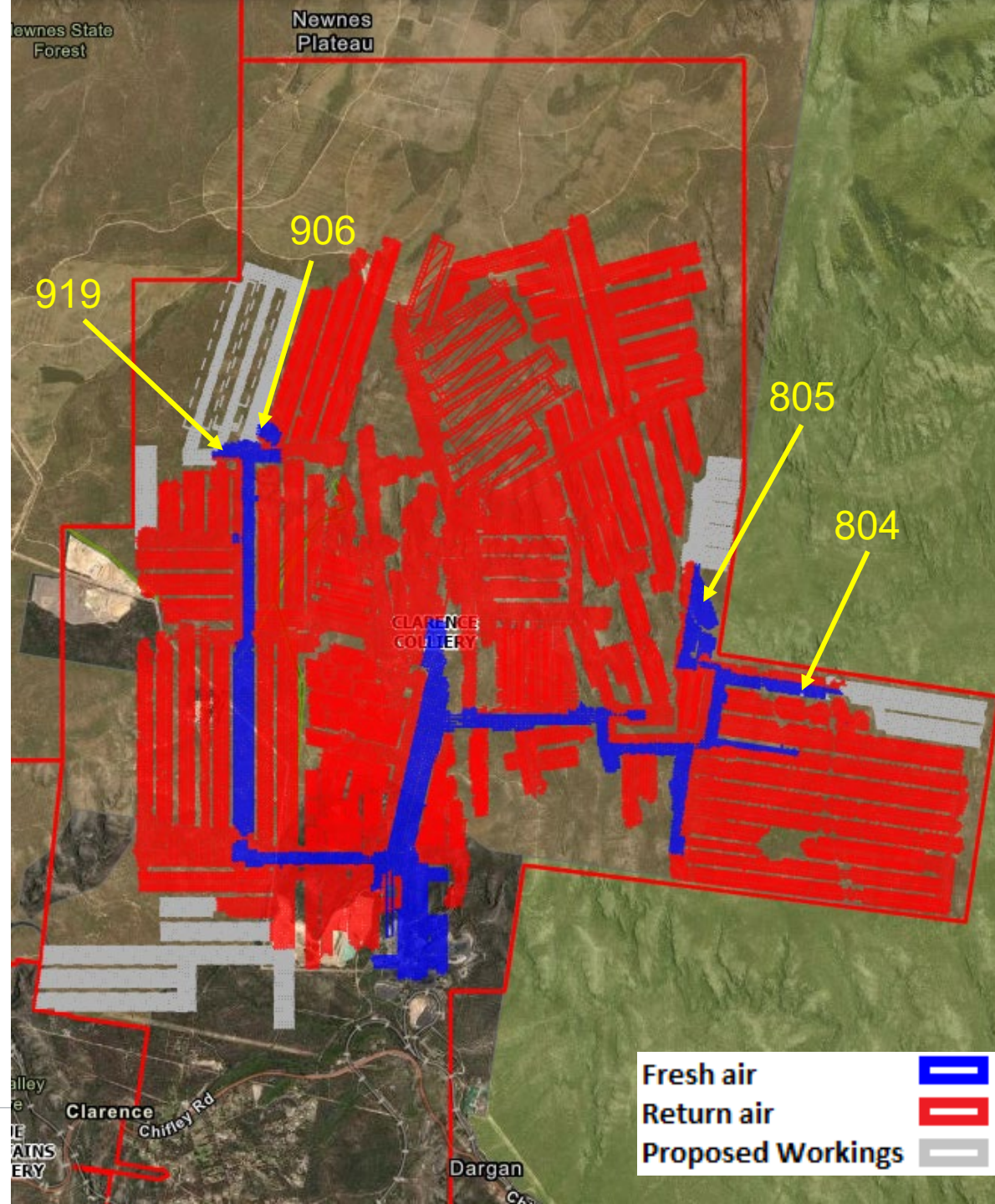
Underground (Continuous Miner) operation

Sept 2022 – Mar 2023

- The mine has continued its improved safety performance and remains incident free year to date
- Prioritisation of the underground operations to ensure production continuity
- Active mining panels:
 - 804 FCT development
 - 805 development
 - 906 single sided extraction & 906W development
 - 919 development transitioning to a thinner seam. Introduction of auxiliary ventilation system

2023 Outlook

- FCT extraction in 804
- Introduction of Shortwall



Clarence Colliery

Environmental Performance

OUR WAY IN ENERGY

Environmental Performance

Noise Monitoring Criteria

- Nil changes

Noise Monitoring Results

- Noise monitoring undertaken in December 2022 which showed that noise emitted from Clarence was compliant
- Noise monitoring scheduled for December 2023

Air Monitoring Criteria

- Nil changes

Air Monitoring Results

- Monthly results show no exceedances

Community Complaints

- Nil

Cultural Heritage

- No mining impacts to any heritage sites



Environmental Performance

Water Monitoring Criteria

- Nil Changes

Water Monitoring Results

- LDP2 concentration limit exceedances recorded for October-December 2022 and January 2023
- Exceedances were minor against tight limits. Notifications to appropriate regulatory authorities made
- No material harm to the environment

Subsidence Monitoring

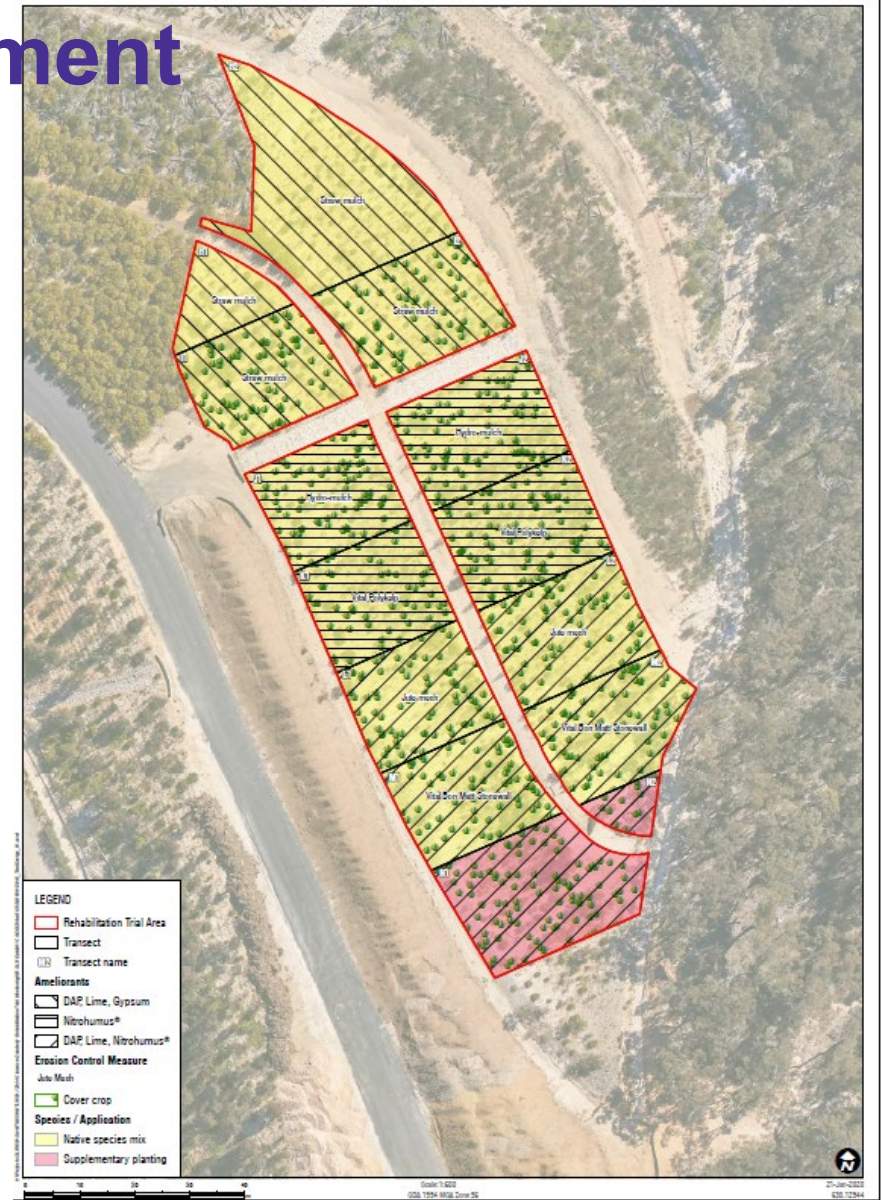
- Subsidence monitoring undertaken over the 800 and 900 areas
- A visual inspection of the area is scheduled to take place in March



Environmental Management

Rehabilitation Trial Area

- REA IV rehab trial area performing well
- Results will aid in the rehabilitation of REA III
- Rehab monitoring completed November 2022



Clarence Colliery

Projects

OUR WAY IN ENERGY

Clarence Pipeline Project

- EPA requires Clarence to cease discharging from LDP002 into the Wollangambe River
- Proposal submitted in September 2020 to the EPA to transfer Clarence mine water to the existing Oaky Park Water Treatment Plant in Lithgow, and then to Lake Wallace
- An administrative EPL variation has been sought (July 2022) regarding timeframes of the pipeline project and we have now received a licence variation

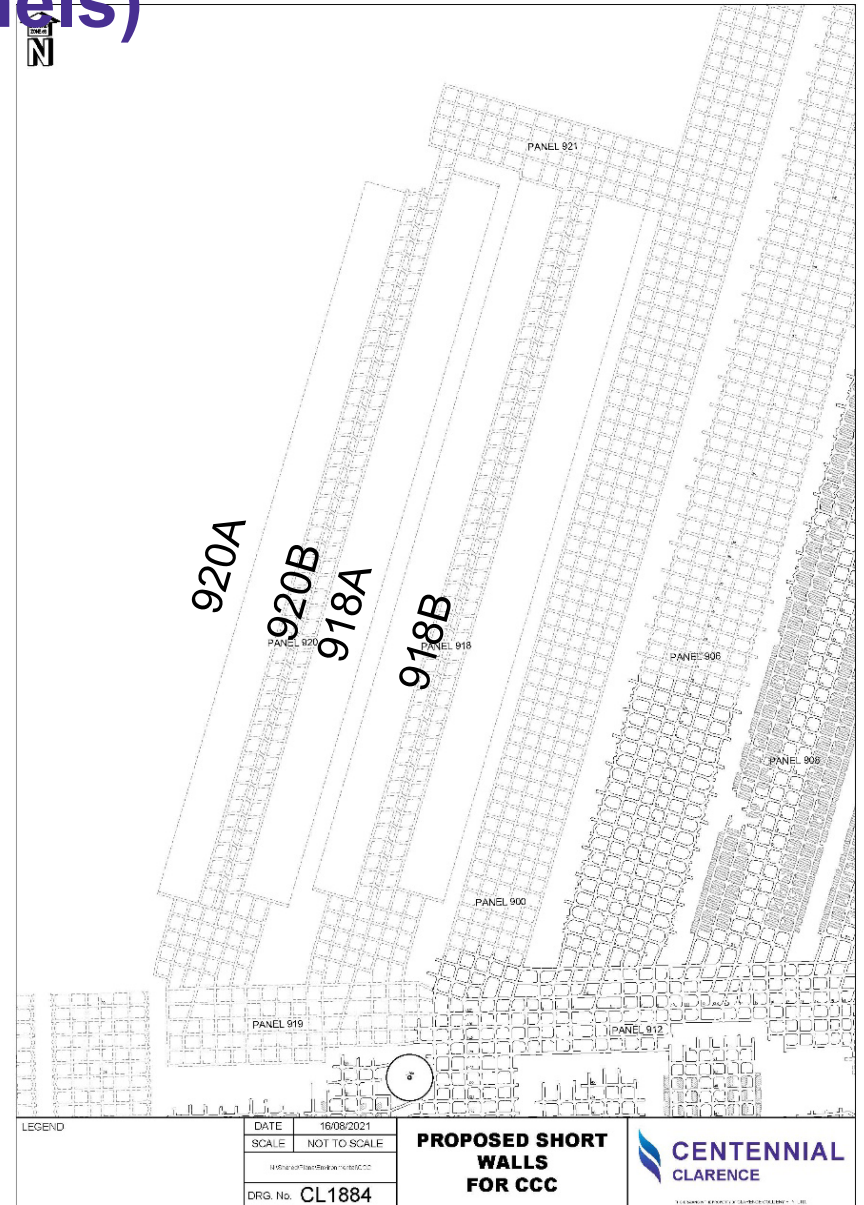
REA III Rehabilitation

- The coal fines have been removed from the eastern cell and the cell is being shaped for final landform.
- Capping and rehabilitation has commenced.
- The duration of the works is expected to take approximately 1.5 - 2 years



Extraction Plan (918-920 panels)

- Work to confirm the geotechnical design and subsidence predictions are continuing. Once finalised the groundwater modelling results can be confirmed.
- Baseline monitoring commenced (swamp piezometers installation).
- Draft Heritage Management Plan has been provided to RAPs, LCC, Heritage NSW, NPWS, DPE for review.



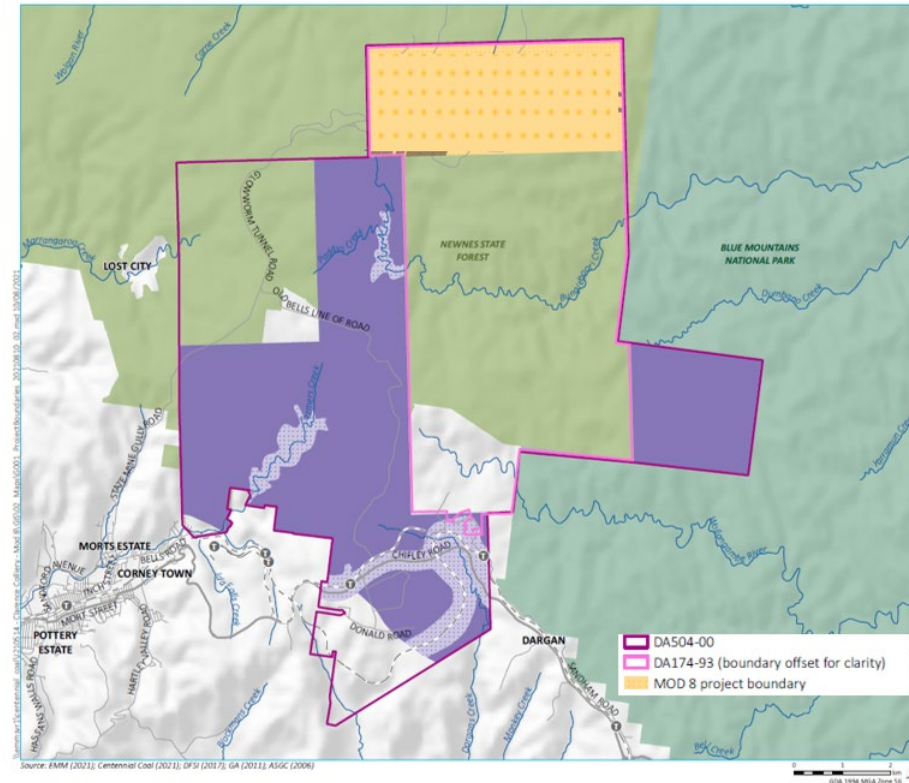
Clarence – DA174-93 Modification 2

Overview

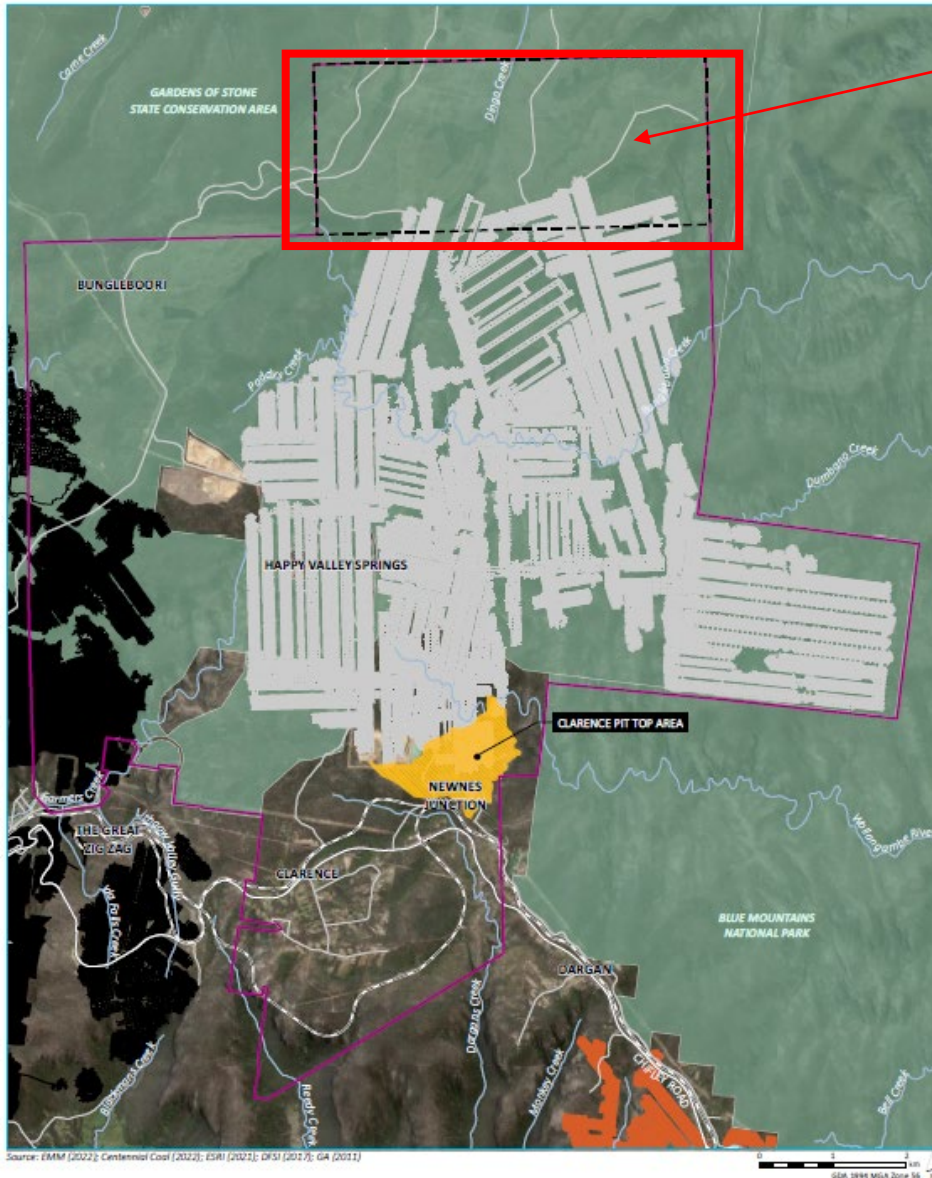
- This proposed modification will seek to modify mining authorised under an Council approval (DA 174-93) approved by Lithgow Council in 1994 .

Key Elements of DA 174-93

- Bord and pillar and longwall mining (max 1.6m subsidence)
- Coal handled at existing site surface facilities
- Two new Reject Emplacement areas
 - REA IV
 - REA V
- Exploration drilling
- Upgrades to water management and water treatment plant – predicted 32ML/day make



Clarence – DA174-93 Modification 2



Modification 2 Area now located within Gardens of Stone SCA

Natural Features

- Majority of land beneath logged plantation
- Section of Pagoda rock complex adjacent to Ben's Lookout in South East
- Mt Horne archaeological sites
- Swamps (Barrier, Murrays, Upper Dingo and Bungleboori North)

Built Features

- Unsealed Roads (Glowworm tunnel/Waratah Ridge Road)
- Milsearch compound and decontamination works area

Clarence – DA174-93 Modification 2



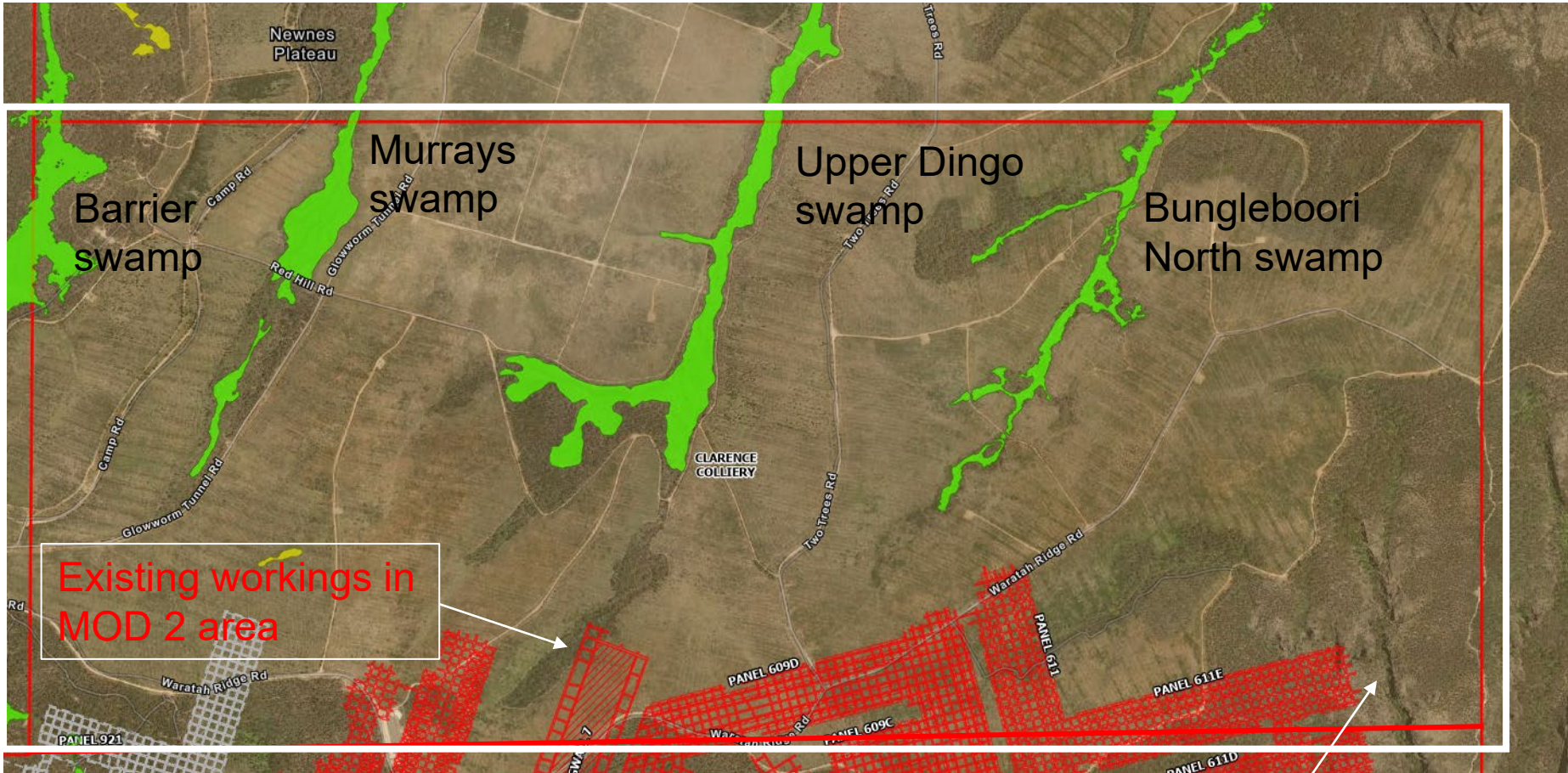
MOD 2 Area is predominantly gentle sloping, ex-logged pine/eucalypt plantation
Glow worm Tunnel Road

Clarence – DA174-93 Modification 2



South East Corner of MOD 2 Area
Known in the Original EIS as the Pagoda Rock Complex

Clarence – DA174-93 Modification 2



Pagoda/cliff area

Clarence – DA174-93 Modification 2

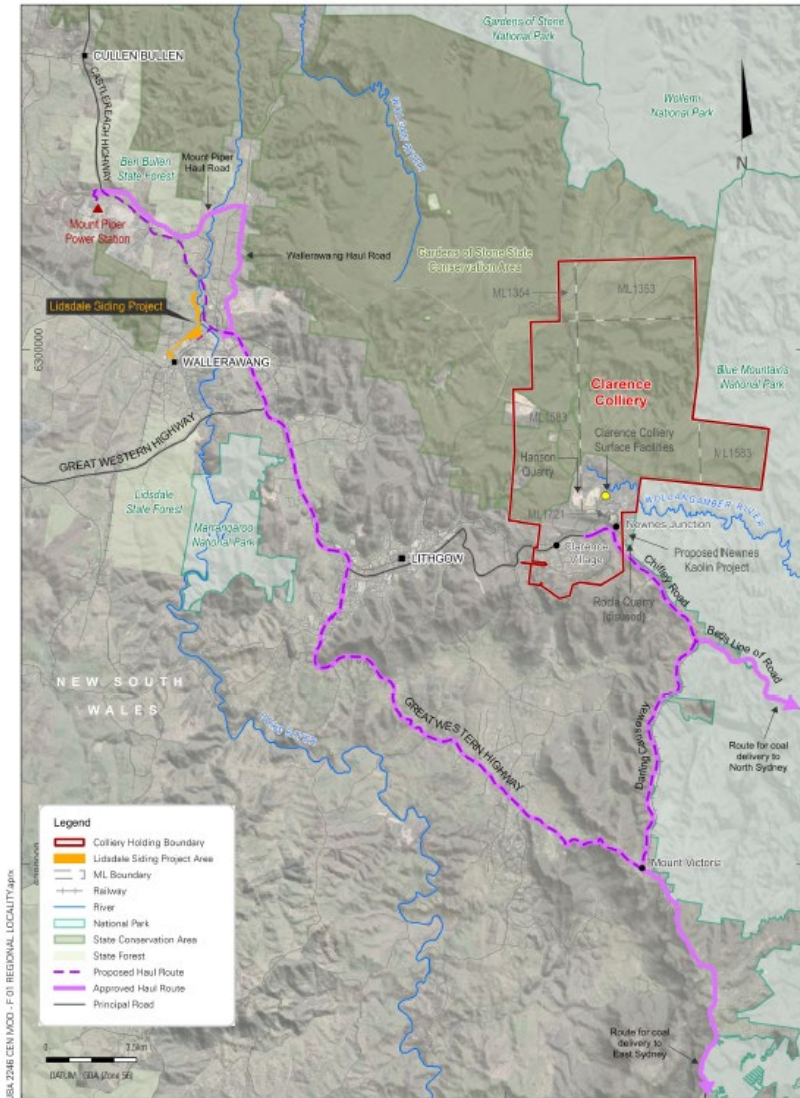
In summary Modification 2 seeks:

- revision of approved mining methods to remove longwalling and replace with Shortwall – mining technique that limits extraction, retains long term stable pillars and maintains long term stability; and
- reduce subsidence/environmental impacts from the currently approved maximum 1600mm subsidence to maximum of 125mm subsidence within the Northern Extension Mining Area.

This will allow continued operations but reduce impacts to environmentally sensitive features (swamps/cliffs).

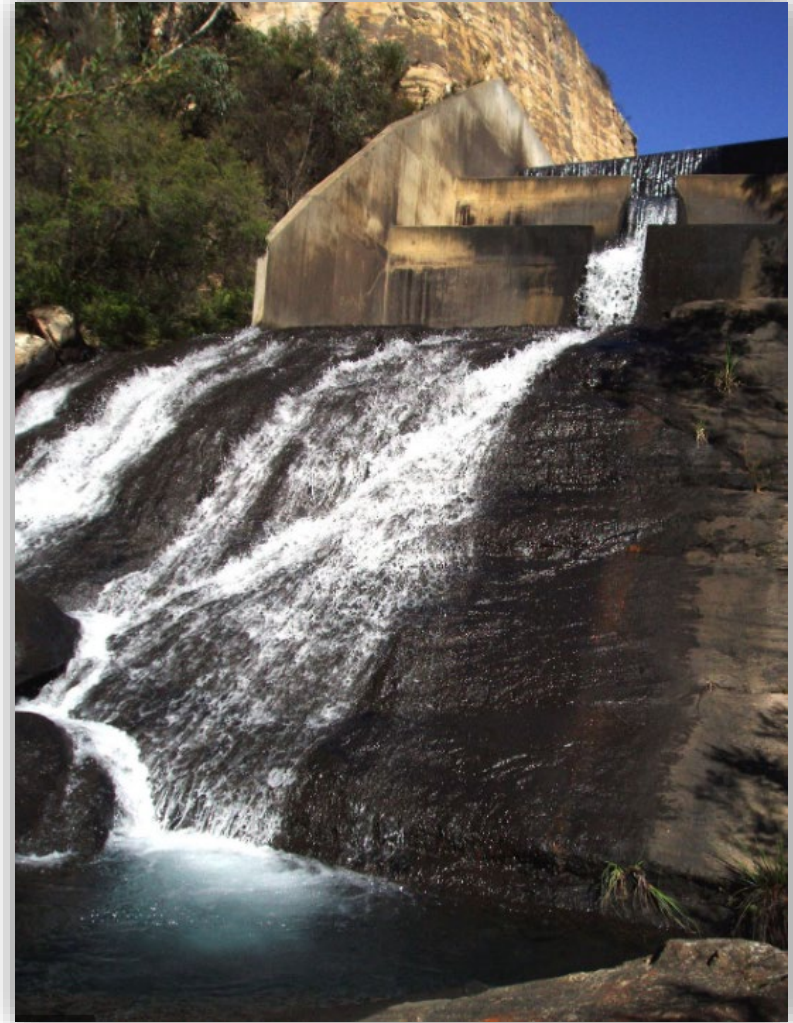
DA504-00 Modification 9 – Coal Transfer to Mt. Piper Power Station

- Clarence Colliery has been approved to increase the amount of coal that can be trucked by road from the existing 200,000 tonnes to 300,000 tonnes per year.
- Centennial to provide coal to Mount Piper Power Station via truck (to either Lidsdale siding and or direct to the station) to ensure energy security
- Temporary trucking arrangement until December 2023
- The purpose of the modification is to secure additional energy stocks at MPPS



Proposed Activities for the Next Period

- 918-920 extraction plan submission
- Mod 2 process/submission continuing
- Routine sampling/monitoring
- Track repairs in State Conservation Area





QUESTIONS?

Minutes

Clarence Colliery Community Consultative Committee

Meeting	Clarence Colliery CCC	Date	7 June 2023
		Time	10:00am
Venue	Clarence Colliery, Clarence Colliery Road, Clarence NSW		
Independent Chair	Deborah Palmer (DP)		
Attendees	Larry Anderson (LA): Community Representative Brian Nicholls (BN): Centennial Matt Ribas (MR): Centennial James Marshall (JM), Centennial Lara Mudie (LM), Centennial	Apologies	Ian de Beuzeville (ID): Community Representative Tom Ferguson (TF): Community Representative Cr Maree Statham (MS), Lithgow City Council Lauren Stevens (LS): Lithgow City Council Representative

Item	Action item	Responsibility
1	Progress advertising to recruit new representatives to the CCC	Deborah Palmer and James Marshall
2	Site visit to occur later in 2023 following recruitment of new representatives with a focus on the rehabilitation areas	Matt Ribas
3	Notify the Clarence Colliery CCC members when the Clarence continuance proposal has been submitted to DPE.	James Marshall
4	Next meeting date of 12 September 2023 to be sent to members	Deborah Palmer

Item	Discussion Point	Action
1.	Welcome and Acknowledgement of Country <ul style="list-style-type: none">The Chair welcomed all CCC Members and gave an Acknowledgement of Country.The Chair thanked everyone for attending and appreciated their attendance.	
2.	Apologies <ul style="list-style-type: none">Apologies were received, and there were no changes to the CCC membership.DP and JM updated the group that advertising would occur in the second half of 2023 to recruit new representatives to the CCC.	Action 1
3.	Pecuniary or other interests <ul style="list-style-type: none">The Chair requested any updates on pecuniary or non-pecuniary interests. No updates were provided.	
4.	Business arising from previous minutes	Action 2

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- Item 1 -Map of rehabilitation area - is included in the company report for this meeting. Action closed.
 - Item 2 – Centennial to meet with Lithgow Council - has occurred. Action closed.
 - Item 3 – site visit. Agreed that the site tour would best take place following the onboarding of the new CCC members later in the year.
 - Item 4 – meeting date – has occurred. Action closed.
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5. Correspondence

- There was no correspondence to Chair.
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6. Company and other reports

Clarence Colliery Operational Report was provided by BN and MR. The detail was provided as follows, and the presentation is attached.

- Introduction (period March to June 2023)
- Operations summary
- Environmental performance
- Environmental management
- Projects
 - Clarence Pipeline Project
 - REA 3 Rehabilitation
 - Extraction Plan (918-920 panels)
 - DA504-00 Modification 9 – Coal Transfer to Mt Piper Power Station
 - Clarence continuance
 - Proposed activities for the next period.

The Chair took questions and comments from the CCC members regarding the presentation and the following were the questions raised and key points discussed.

- Discussion about the impact on roads caused by truck movements.
 - Coal extraction in section 804 and 805 continues to be challenging due to underground geology. This has slowed extraction from the panels.
 - LA provided an overview of the history of community discussion about mining under the Clarence township. It was impressed on the group the views of the Clarence community to not mine under the township. LA cited community concerns about underground water accessibility and quality.
 - JM noted the ability to mine under the Clarence township is part of the mining lease, but it is not part of Centennial's business plan to mine there. If Centennial sought to mine there, a strict planning approval process under the Australian and NSW government legislation would need to be followed.
 - BN noted that the mining processes employed by Centennial are designed to not have an impact on surface features or cause an ingress of water into the underground workings.
 - The benefits of the Clarence Pipeline project for both the community and Centennial were noted. It was noted the criteria for water at Clarence is very stringent.
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- Clarification was sought on whether the Clarence continuance consent would influence crossing over the Chifley Road to mine under the Clarence township. It was reiterated that this would not be the case. The Clarence continuance consent is being brought together for ease of administration. The CCC will be notified when the proposal has been submitted to DPE. The public exhibition process for the proposal was also noted.
 - It is anticipated the life of the mine will be to 2037, at which point the end of the Katoomba Seam will have been reached.
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Action item 3

7. **Planning for site visit**

This item was discussed under actions arising (see item 4).

8. **General business**

The Chair requested any general business items. Nil was raised.

9. **Next meeting**

The next was discussed to occur in w/c 11 September at 10am at the Clarence Colliery

Action Item 4: Deborah to send next meeting invite to members.

Meeting closed at 11:00am

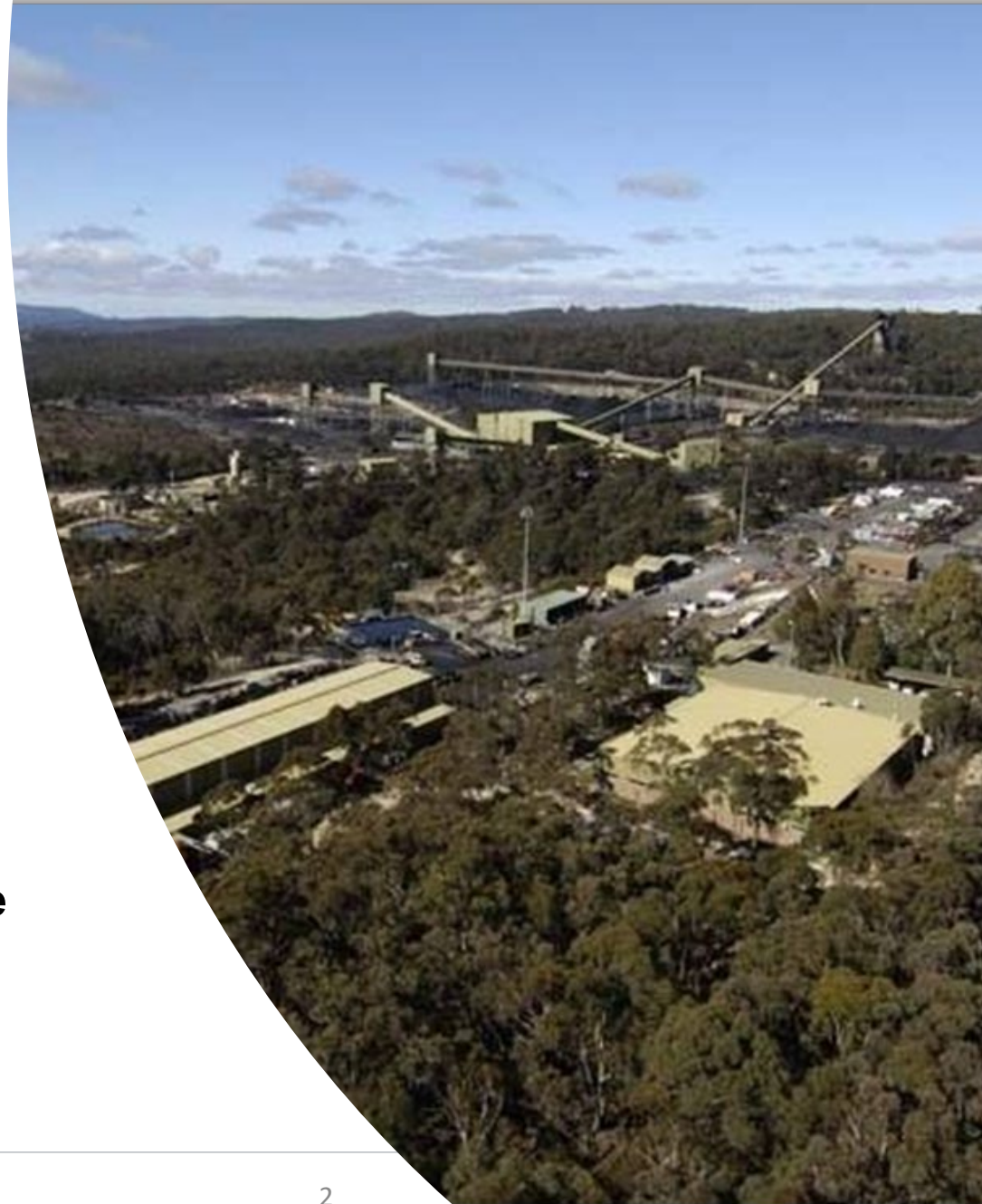
Action Item 4

Clarence Colliery

*Clarence Community Consultative Committee
Presentation 7 June 2023*

Introduction

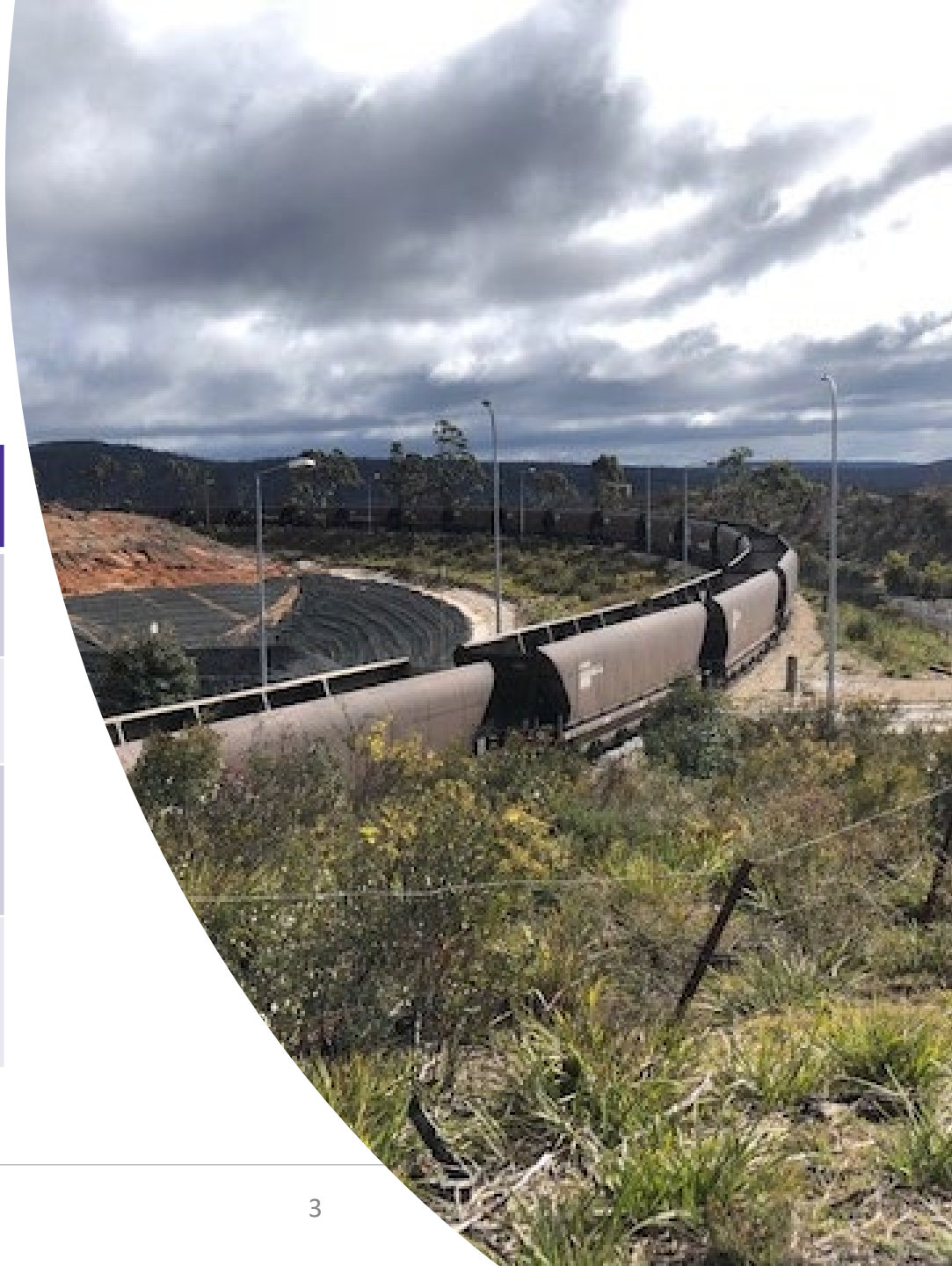
- **Reporting Period:**
 - March-June 2023
- **Consents/Project Approvals**
 - DA 504-00 (MOD 9)
- **Environmental Protection Licence**
 - EPL 726
 - Variation approved - PRP



Operations Summary

	2022 Summary	2023 YTD Summary
Tonnes Mined	1.6 million tonnes	266,179t*
Annual Forecast	1.9 million tonnes	1.3 million tonnes
Tonnes Transported via Rail	1,187,000t	172,599t
Tonnes Transported via Road	169,500t	76,453t

*End of May



Operations

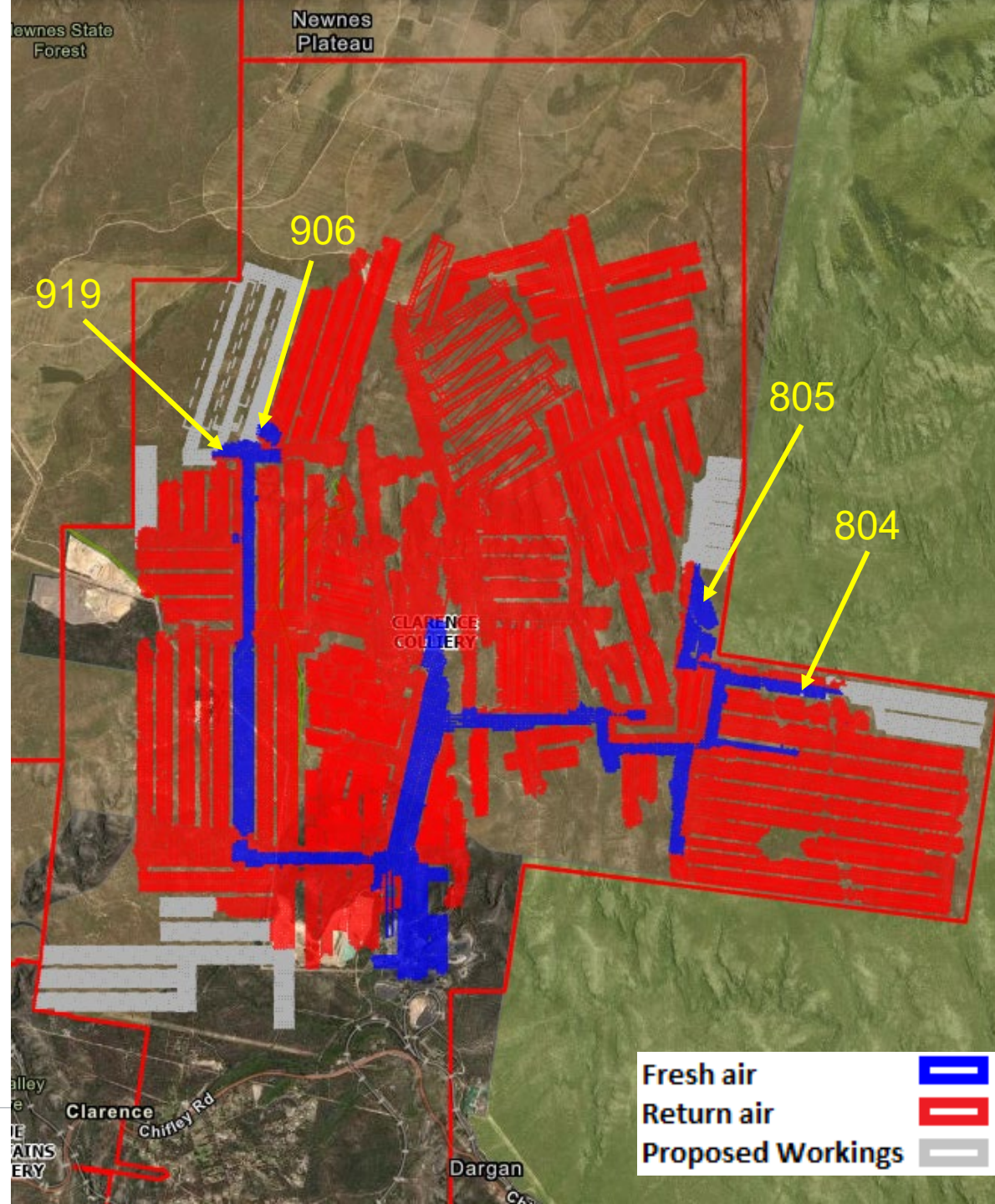
Underground (Continuous Miner) operation

March – June 2023

- The mine has continued its focus on safety performance and remains incident free year to date
- Prioritisation of the underground operations to ensure production continuity
- Active mining panels:
 - 804 FCT development
 - 805 development
 - 906W development
 - 919/918 development (transitioning to low height) for Shortwall operations

2023 Outlook

- FCT in production remainder of the year
- Introduction of Shortwall



Clarence Colliery

Environmental Performance

OUR WAY IN ENERGY

Environmental Performance

Noise Monitoring Criteria

- Nil changes

Noise Monitoring Results

- Noise monitoring scheduled for December 2023

Air Monitoring Criteria

- Nil changes

Air Monitoring Results

- Monthly results show no exceedances

Community Complaints

- Nil

Cultural Heritage

- Due diligence inspection was carried out in planned groundwater monitoring locations



Environmental Performance

Water Monitoring Criteria

- Nil Changes

Water Monitoring Results

- LDP2 concentration limit exceedances recorded for April and May
- Exceedances were minor against tight limits. Notifications to appropriate regulatory authorities were made
- No material harm to the environment

Subsidence Monitoring

- Subsidence monitoring undertaken over the 800 and 900 areas



Environmental Management

Rehabilitation Trial Area

- REA IV rehab trial area performing well
- Results will aid in the rehabilitation of REA III
- Rehab monitoring completed November 2022

Weed Spraying

- Ongoing weed spraying program with a focus on Pampas grass and African lovegrass



Clarence Colliery

Projects

OUR WAY IN ENERGY

REA III Rehabilitation

- The coal fines have been removed from the eastern cell and the cell is being shaped for final landform.
- Capping has commenced on the eastern slope.
- The western cell is being prepared for coal fines removal
- The duration of the works is expected to take approximately 1.5 - 2 years





OUR WAY IN ENERGY

Clarence Pipeline Project

- EPA requires Clarence to cease discharging from LDP002 into the Wollangambe River
- Proposal submitted in September 2020 to the EPA to transfer Clarence mine water to the existing Oakey Park Water Treatment Plant in Lithgow, and then to Lake Wallace
- An administrative EPL variation has been sought (July 2022) regarding timeframes of the pipeline project and we have now received a licence variation – end 2025
- Lithgow City Council and Public Works Advisory are finalising the Procurement Plan with the view to sending out an Expression of Interest (EOI) in June.

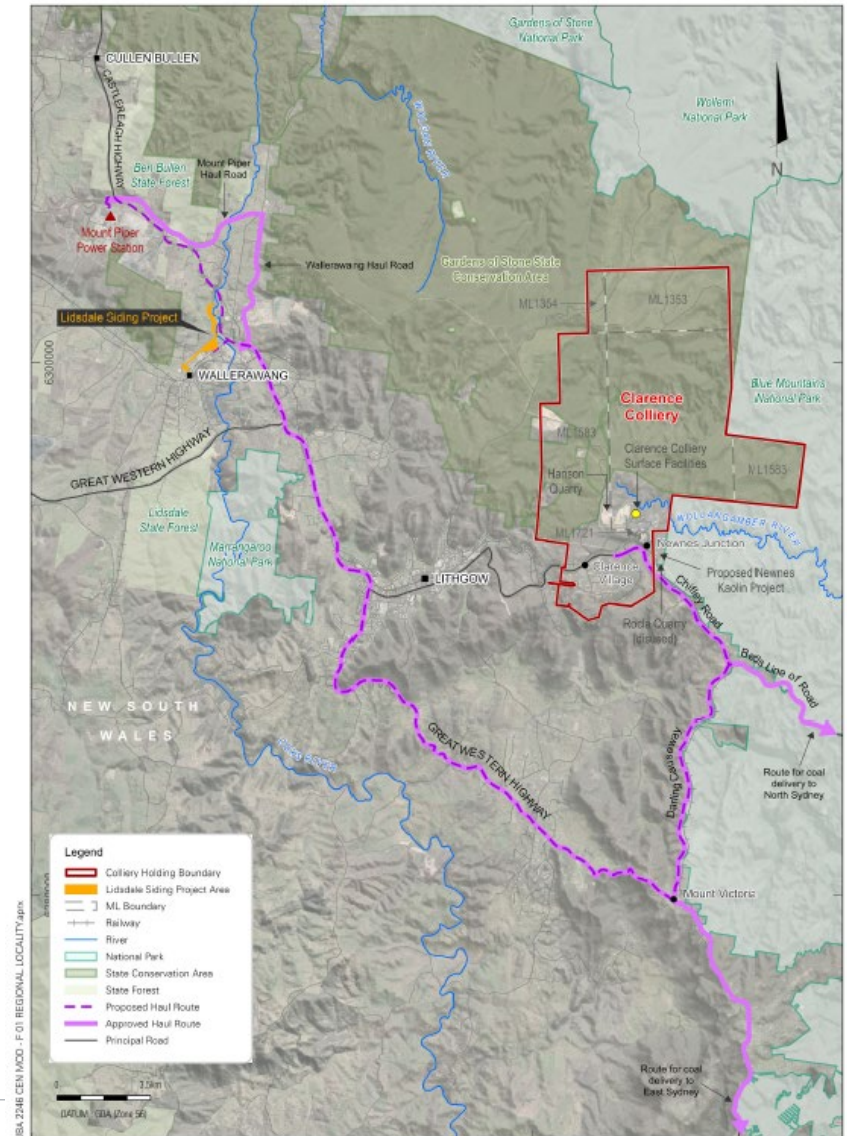
Extraction Plan (918-920 panels)

- Waiting on final water prediction model.
- Baseline monitoring commenced (swamp, shallow aquifer piezometers installed and biodiversity monitoring).
- Approvals pathway for introduction of shortwall mining method



DA504-00 Modification 9 – Coal Transfer to Mt. Piper Power Station

- Centennial to providing coal to Mount Piper Power Station via truck (to either Lidsdale siding and or direct to the station) to ensure energy security
- The purpose of the modification is to secure additional energy stocks at MPPS
- Temporary trucking arrangement until December 2023 – planning to extend



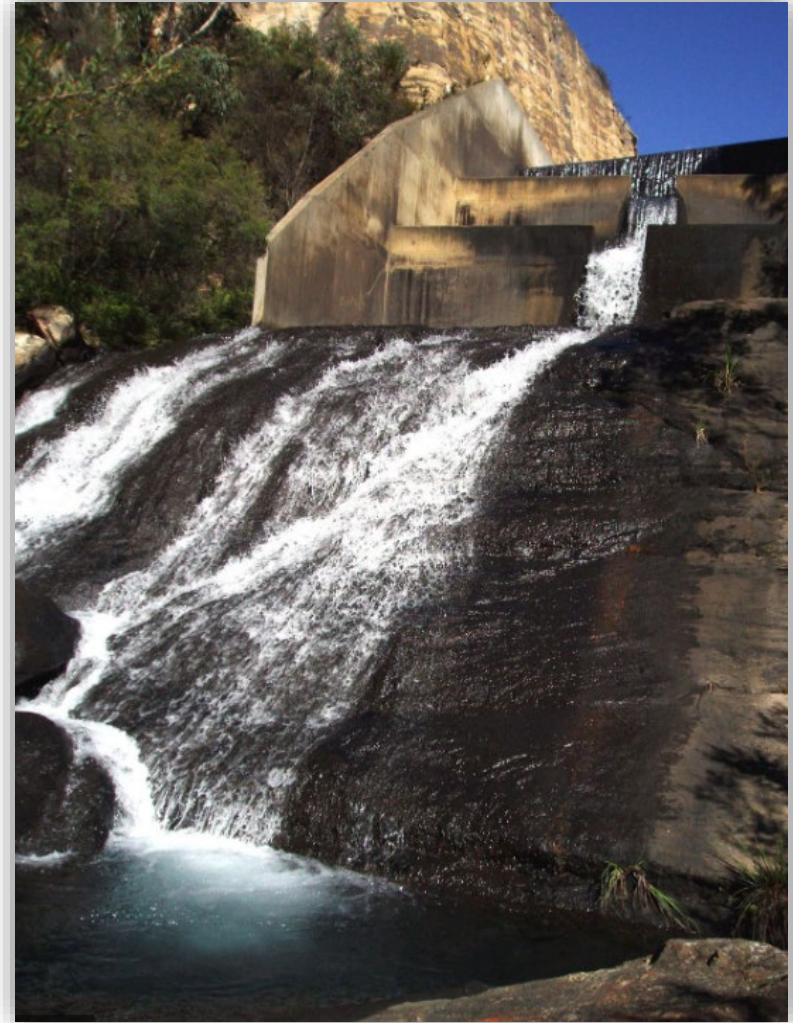
Clarence Continuance

- Clarence is seeking a post-2026 development consent
- There are several elements that form this strategy with one being the consolidation of the 3 current consents in to one SSD.
- Projects outlined in the previous slides are all elements of securing the future of Clarence.
- The scope of the Clarence Continuance Project is being finalized and a Scoping Report is being prepared for submission to the DPE.
- Baseline environmental monitoring has begun to form part of the EIS



Proposed Activities for the Next Period

- 918-920 extraction plan submission
- Mod 2 process/submission continuing
- Routine sampling/monitoring
- Track repairs in State Conservation Area



A large body of water, possibly a reservoir or lake, with a dense forest of green trees in the background. The sky is overcast and grey. In the foreground, a dark pipe with orange floats is visible, extending from the bottom right towards the center of the water. The word "QUESTIONS?" is written in large, white, bold, sans-serif capital letters across the middle of the image.

QUESTIONS?

Agenda

Clarence Colliery Community Consultative Committee

Projects	Clarence Colliery CCC	Date	12 September 2023
		Time	10:00am-12:00pm
Venue	Clarence Colliery, Clarence Colliery Road, Clarence NSW		
Attendees	Deborah Palmer, CCC Chairperson Tom Ferguson: Community Representative Larry Anderson: Community Representative Ian de Beuzeville: Community Representative Cr Maree Statham, Lithgow City Council Lauren Stevens: Lithgow City Council Representative Matt Ribas: Centennial James Marshall, Centennial Lara Mudie, Centennial	Apologies	Brian Nicholls: Centennial

Item	Discussion Point	Lead
1.	Welcome and Acknowledgement of Country	Deborah Palmer
2.	Apologies	Deborah Palmer
3.	Pecuniary or other interests	Deborah Palmer
4.	Business arising from previous minutes	Deborah Palmer
5.	Correspondence	Deborah Palmer
6.	CCC's Terms of Reference and Code of Conduct	Deborah Palmer
7.	Company and other reports 7.1 Clarence Colliery Operational Report	Centennial
8.	Approvals Update	Centennial
9.	Coal Haulage modification	Centennial
10.	Western Water Strategy	Centennial
11.	General business	All
12.	Site visit	Centennial
13.	Next meeting	Deborah Palmer

Minutes

Clarence Colliery Community Consultative Committee

Meeting	Clarence Colliery CCC	Date	12 September 2023
		Time	10:00am -11:30 pm
Venue	Clarence Colliery, Clarence Colliery Road, Clarence NSW		
Independent Chair	Deborah Palmer (DP)		
Attendees	Ian de Beuzeville (ID): Community Representative Larry Anderson (LA): Community Representative Tom Ferguson (TF): Community Representative Matt Ribas (MR): Centennial James Marshall (JM), Centennial Lara Mudie (LM), Centennial Graham Healey (GH), Centennial	Apologies	Cr Maree Statham (MS), Lithgow City Council Lauren Stevens (LS): Lithgow City Council Brian Nicholls (BN): Centennial

Item	Action item	Responsibility
1	Send advertisement of expression of interests for additional community and stakeholder representatives to the CCC.	Deborah Palmer
2	Speak with DPE about TOR naming requirements and with Council about representation	Deborah Palmer
3	Clarence Continuance Scoping Report to be sent to the CC when it is completed	James Marshall
4	Next meeting date of 5 December 2023 to be confirmed and sent to members	Deborah Palmer

Item	Discussion Point	Action
1.	Welcome and Acknowledgement of Country <ul style="list-style-type: none">The Chair welcomed all CCC Members and gave an Acknowledgement of Country.The Chair thanked everyone for attending and appreciated their attendance.Graham Healey, acting Clarence Colliery Manager, was welcomed to the group.	
2.	Apologies <ul style="list-style-type: none">Apologies were received, and there were no changes to the CCC membership.	
3.	Pecuniary or other interests <ul style="list-style-type: none">The Chair requested any updates on pecuniary or non-pecuniary interests.	

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- Tom Ferguson noted his employer's contract with Centennial for underground work.
-

4. Business arising from previous minutes

Action 1

- Item 1 – Advertising to recruit additional community and stakeholder representatives to the CCC - DP and JM updated the group that advertising would occur in the Lithgow Mercury on 8/9 and 22/9 and in the Village Voice on 14/9 and 28/9. All members encouraged to send the advertisement to their networks. Applications close on 13 October. DP to send recruitment of community and stakeholder members advertisement to all existing members to distribute to their networks. - The committee discussed representation with a view that membership should preference those who are most directly impacted – the Clarence community.
 - Item 2 – Site visit - To occur immediately after the meeting. Action closed.
 - Item 3 – Clarence Continuance Proposal – Provided as part of the meeting update. Action closed.
 - Item 4 – meeting date – has occurred. Action closed.
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5. Correspondence

- There was no correspondence to the Chair.
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6. CCC's Terms of Reference and Code of Conduct

DP provided a short presentation noting DPE has updated its guideline to clarify the purpose, roles and responsibilities of community consultative committee members, and to help these committees operate. The guideline is reviewed every 5 years to keep it fit for purpose.

DP noted Chairpersons and all other appointed committee members must sign the code of conduct agreement during the appointment process and before they take part in a committee meeting. Members must confirm acceptance of the code of conduct on an annual basis.

It was noted all committee members must sign a declaration of interest form (see toolkit of supporting material) before they join the committee and keep this up to date. It was noted, committee members will have an opportunity to declare any new interests, or interests relevant to the agenda, at the start of each committee meeting.

It was also noted the chairperson must complete an annual report on its activities and submit it to the department for review before publishing it.

Members were asked to sign both the Code of Conduct and the Declaration of interest's form.

DP noted DPE has prepared a terms of reference template that sets out standard processes and suggested timeframes for operational matters (including meeting frequencies and the distribution of draft agendas and minutes). This template was used to develop the draft

Terms of Reference for the CCC. The draft TOR were discussed and agreed by the committee.

DP to follow up with DPE about whether representation for Centennial can relate to the position, rather than the individual. **Action 2**

DP to speak with Lithgow Council about representation, noting one Council member can be part of the CCC.

7. **Company and other reports**

Clarence Colliery Operational Report was provided by LM, GH and MR. The detail was provided as follows, and the presentation is attached.

- Introduction (period June - September 2023)
- Operations summary
- Environmental performance
- Environmental management
- Projects
 - REA 3 Rehabilitation
 - Coal transport from Clarence Colliery to Lidsdale Siding
 - Clarence Continuation Project
 - Proposed activities for the next period: 918-920 extraction plan submission; routine sampling/monitoring; track repairs in State Conservation Area

The Chair took questions and comments from the CCC members regarding the presentation and the following were the questions raised and key points discussed.

- The slow extraction of coal in section 804 and 805 continues to be challenging and has contributed to lower tonnes mined in 2023 year to date.
- Work in section 804 will complete by the end of 2023 and the focus of extraction will then turn to section 919 in 2024.
- LA cited community concerns about underground water accessibility, quality and security and that this should not be impacted by mining operations. This has driven a strong interest in the aquifers. The benefits of the Clarence Pipeline project for both the community and Centennial were noted. It was noted this could be a win-win solution for both the community and Clarence.
- It was noted more coal fines have been removed off site via both truck and train. The market for coal fines was discussed.
- Discussion about the route selection for truck movements between Clarence Colliery and Lidsdale Siding, noting the route avoids the Lithgow town centre and uses the state arterial roads. The importance of ensuring coal supply from Centennials operations in the Lithgow region to Mount Piper Power Station was emphasised.
- The Clarence Continuance Project was likened to a Masterplan for the site. The project is currently being scoped and when the scoping report is complete, Centennial will brief

the CCC in more detail. The Clarence continuance consent is being brought together for ease of administration.

Action 3

- JM noted the Western Water Strategy and the water used in mining operations is an asset that can be reused.
- ID noted the history of discussions with Centennial and the Clarence community and noted the importance that the Clarence aquifers are not disturbed.
- JM noted the Aquifers Interference Policy (AIP) applies statewide and details water licence and impact assessment requirements. The AIP has been developed to ensure equitable water sharing between various water users and proper licensing of water taken by aquifer interference activities such that the take is accounted for in the water budget and water sharing arrangements. A copy of the policy is available at NSW Aquifer Interference Policy
- JM noted the ability to mine under the Clarence township is part of the mining lease, but it is not part of Centennial's business plan to mine there.

8. **Approvals Update**

This item was covered in Agenda item 7.

9. **Coal haulage modification**

This item was covered in Agenda item 7.

10. **Western Water Strategy**

This item was covered in Agenda item 7.

11. **General business**

The Chair requested any general business items. Nil was raised.

12. **Site visit**

Following the meeting the members were invited to view parts of the site. This was taken up by one member. The tour covered the rehabilitation 4 trial site, the rehabilitation 3 site and the water treatment facility. It was noted the trial site blended seamlessly into the environment and had been useful in understanding what plant varieties would work well in the site as further areas are rehabilitated in the future.

13. **Next meeting**

Action Item 4

The next was discussed to occur on 5 December at 10am at the Clarence Colliery

Action Item 4: Deborah to send next meeting invite to members.

Meeting closed at 11:30am before the site visit commenced.

Clarence Colliery

*Clarence Community Consultative Committee
Presentation 12 September 2023*



Introduction

- **Reporting Period:**
- June – September 2023

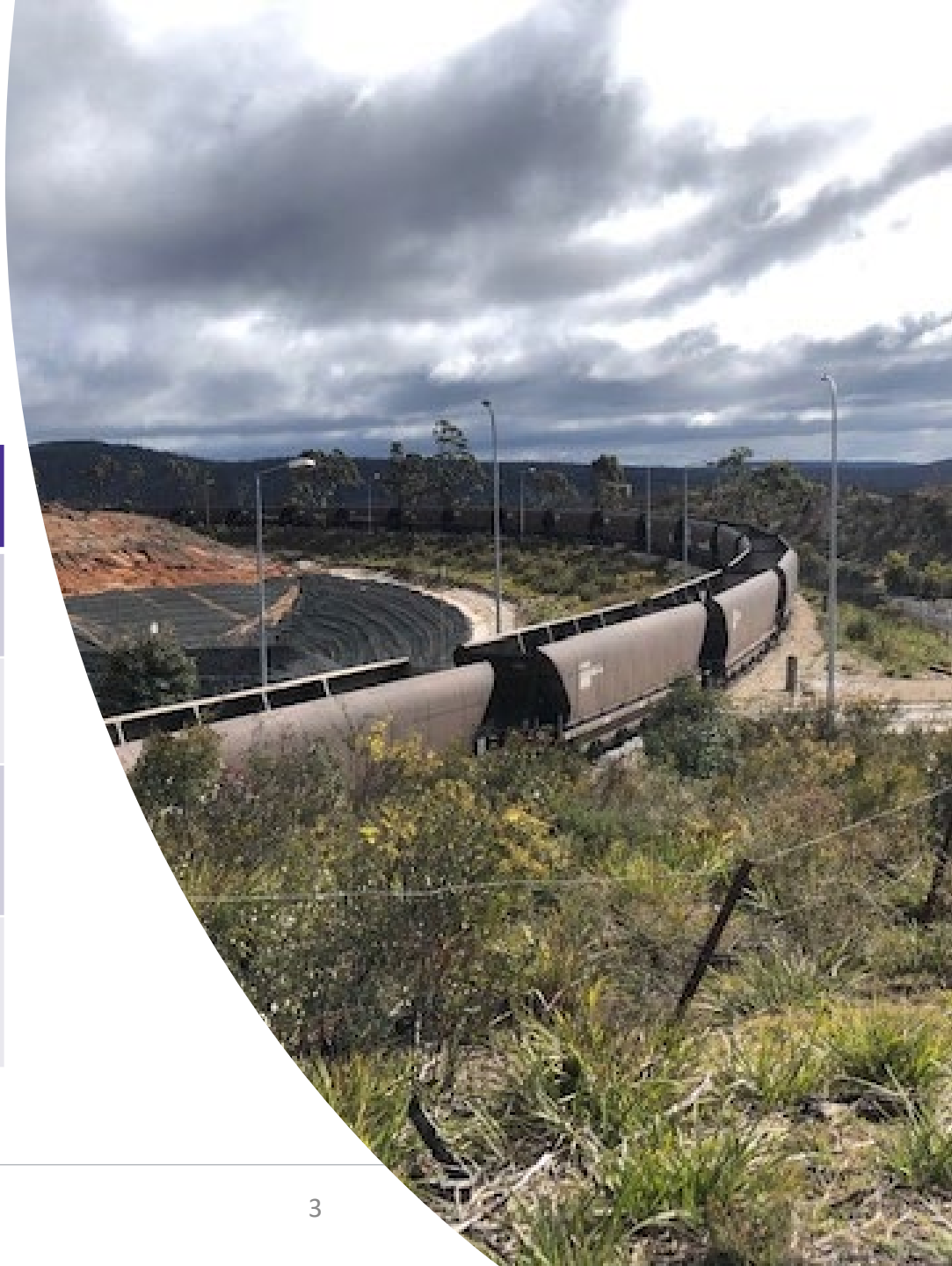
- **Consents/Project Approvals**
- DA 504-00 (MOD 9)

- **Environmental Protection Licence**
- EPL 726
- Variation approved - PRP

Operations Summary

	2022 Summary	2023 YTD Summary
Tonnes Mined	1.6 million tonnes	*508,482 tonnes
Annual Forecast	1.9 million tonnes	1.3 million tonnes
Tonnes Transported via Rail	1,187,000t	*352,844 tonnes
Tonnes Transported via Road	169,500t	*54,311 tonnes

*End of August



Operations

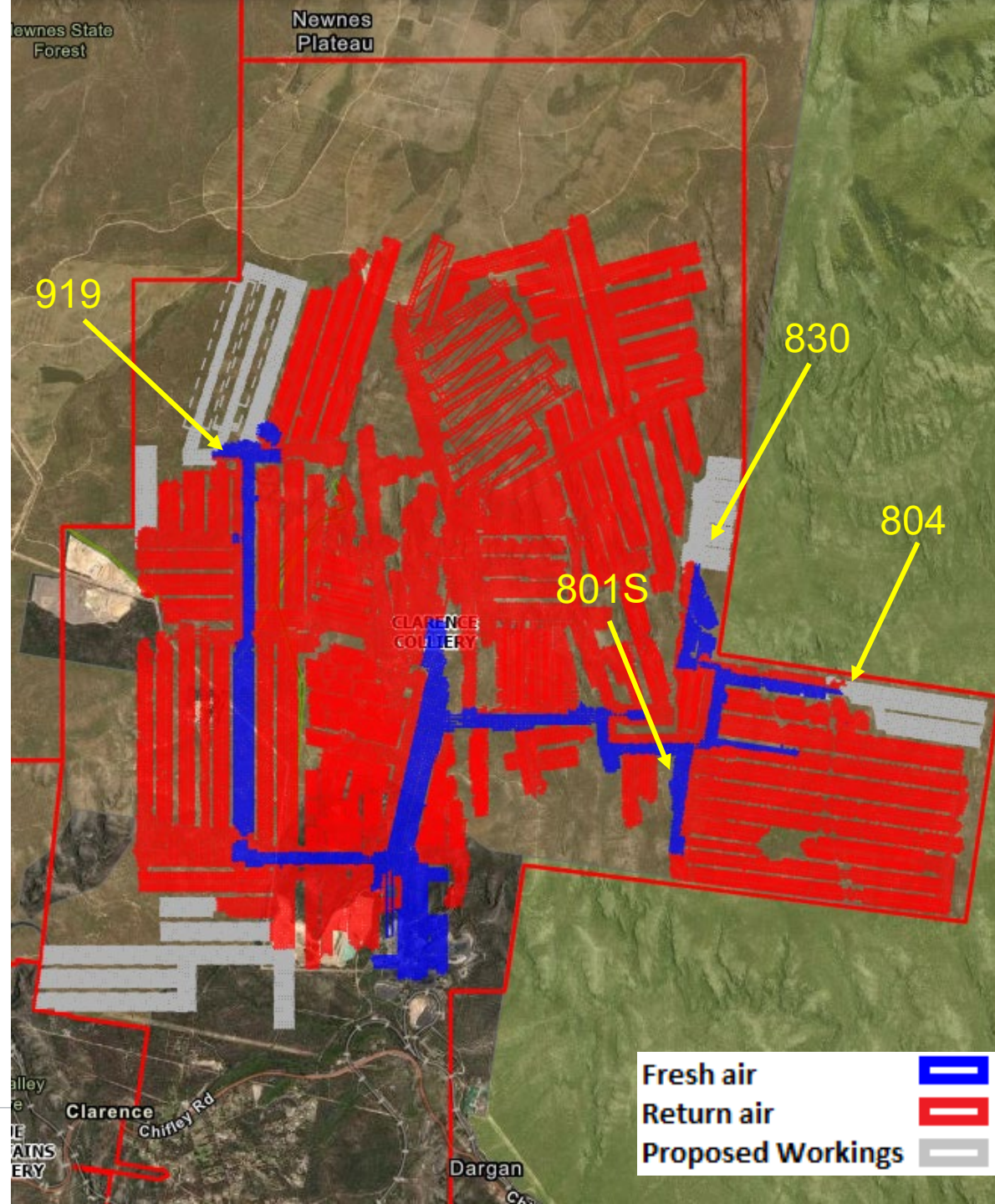
Underground (Continuous Miner) operation

March – June 2023

- The mine has continued its focus on safety performance and remains incident free year to date
- Prioritisation of the underground operations to ensure production continuity
- Active mining panels:
 - 804 FCT development
 - 830 development
 - 801 South development
 - 919 Mains

2023 Outlook

- FCT in production remainder of the year



Clarence Colliery

Environmental Performance

OUR WAY IN ENERGY



Environmental Performance

- **Noise Monitoring Criteria**
- Nil changes
- **Noise Monitoring Results**
- Noise monitoring scheduled for December 2023
- **Air Monitoring Criteria**
- Nil changes
- **Air Monitoring Results**
- Monthly results show no exceedances
- **Community Complaints**
- Nil
- **Cultural Heritage**
- Due diligence inspection was carried out in planned groundwater monitoring locations



Environmental Performance

- **Water Monitoring Criteria**
- Nil Changes
- **Water Monitoring Results**
- LDP2 concentration limit exceedances recorded for June, July and August
- Exceedances were minor against tight limits. Notifications to appropriate regulatory authorities were made
- No material harm to the environment
- **Subsidence Monitoring**
- Subsidence monitoring undertaken over the 800 and 900 areas

Environmental Management



Rehabilitation Trial Area

- REA IV rehab trial area performing well
- Rehab monitoring completed November 2022 – 2023 monitoring scheduled Q4

Pest Control

- Pest spraying for spiders and insects
- Rat baiting program

Clarence Colliery

Projects

OUR WAY IN ENERGY

Environmental – REA 3 Rehabilitation

- Clarence has created a financial opportunity by removing fines (saleable product) from REA 3
- This has created an availability for reject emplacement
- The coal fines have been removed from the eastern cell and the cell is being shaped for final landform
- Capping has commenced on the eastern slope
- Coal fines removal has commenced in the western cell
- The duration of the works is expected to take approximately 1.5 - 2 years
- Designed to seamlessly blend with the adjoining World Heritage National Park





Coal Transport from Clarence Colliery to Lidsdale Siding

Coal Transport from Clarence Colliery to Lidsdale Siding

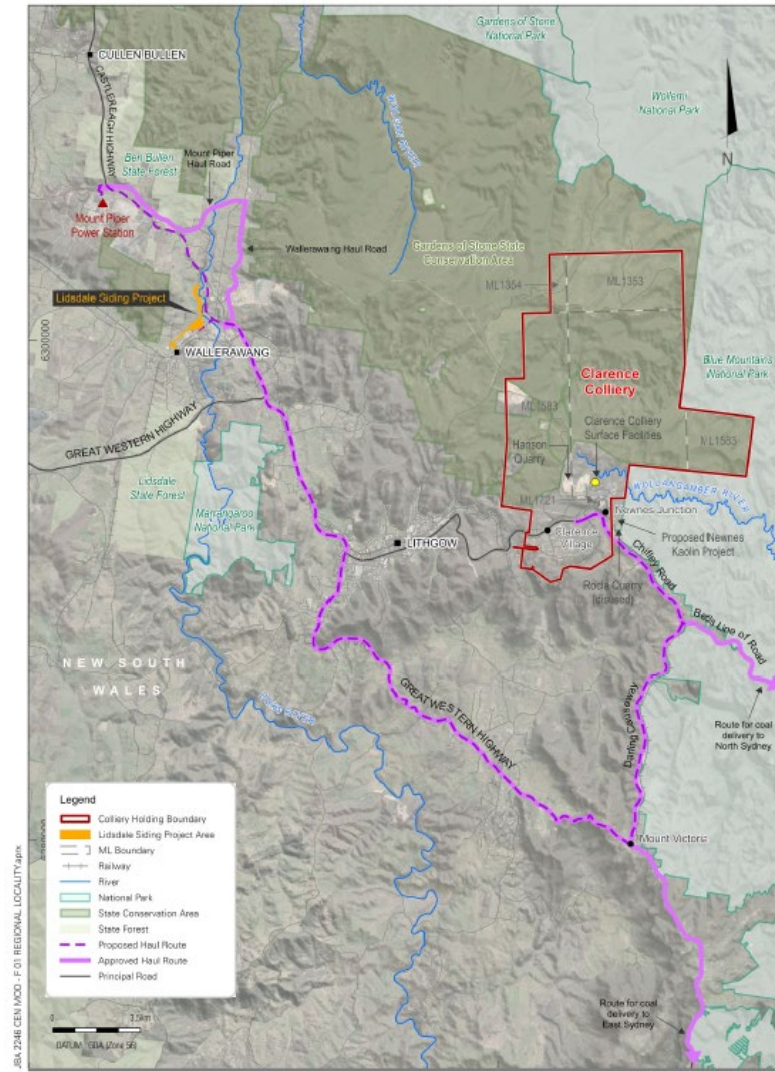
In 2022 Centennial applied for, and had approved, modifications to Clarence Colliery (Modification 9) and Lidsdale Siding (Modification 4) consents to dispatch and receive (respectively) coal by road.

- The Modifications allowed for the temporary tonnage increase (to 31 December 2023) transportable by road from Clarence (from the approved 200,000 tonnes per annum (tpa) to up to 300,000 tps).
- The Modifications has enabled up to 200,000 tpa (from 100,000 tpa) of coal to be transported to the west to Mt. Piper Power Station (MPSS) and/or Lidsdale Siding using public roads.
- No change to existing 100,000 tpa already approved for road haulage to the east via public roads.

To ensure coal supply options for MPPS, Centennial is seeking consent conditions for the permanent road haulage of maximum 300,000 tpa from Clarence of which up to 200,000 tpa will be transported by public roads to the west to MPPS and / or Lidsdale Siding.

- No change to the temporary Modification elements are proposed or transport route.
- Truck movements will remain as was approved under the temporary road haulage:
 - Up to 25 laden trucks per day to deliver coal to Lidsdale Siding between 7am and 10pm Monday to Saturday and 8am to 10pm on Sundays and public holidays.
- No infrastructure upgrades are required at Lidsdale Siding.

Coal Transport Route



Clarence Continuation Project

OUR WAY IN ENERGY

Proposed Activities for the Next Period

- 918-920 extraction plan submission
- Routine sampling/monitoring
- Track repairs in State Conservation Area



QUESTIONS?

Agenda

Clarence Colliery Community Consultative Committee

Projects	Clarence Colliery CCC	Date	24 October 2023
		Time	2:30pm-3:30pm
Venue	Via Teams (in the meeting invite)		
Attendees	Deborah Palmer, CCC Chairperson Tom Ferguson: Community Representative Larry Anderson: Community Representative Ian de Beuzeville: Community Representative Cr Maree Statham, Lithgow City Council Lauren Stevens: Lithgow City Council Representative Matt Ribas: Centennial James Marshall, Centennial Lara Mudie, Centennial	Apologies	Brian Nicholls: Centennial

Item	Discussion Point	Lead
1.	Welcome and Acknowledgement of Country	Deborah Palmer
2.	Apologies	Deborah Palmer
3.	Pecuniary or other interests	Deborah Palmer
4.	Clarence Enforceable Undertaking – Presentation and Discussion	Centennial
5.	General business	All
6.	Next meeting	Deborah Palmer

Minutes

Clarence Colliery Community Consultative Committee

Meeting	Clarence Colliery CCC	Date	23 October 2023
		Time	2:30pm – 3:15pm
Venue	Online via Teams		
Independent Chair	Deborah Palmer (DP)		
Attendees	Lauren Stevens (LS), Lithgow City Council Tom Ferguson (TF), Community Representative Graham Healey (GH), Centennial James Marshall (JM), Centennial Matt Ribas (MR), Centennial Lara Mudie (LM), Centennial Steve Field (SF), Centennial Greg Shields (GS), Centennial	Apologies	Cr Maree Statham (MS), Lithgow City Council Ian de Beuzeville (ID), Community Representative Larry Anderson (LA), Community Representative Brian Nicholls (BN), Centennial

Item	Action item	Responsibility
1	LS undertook to consider the mater internally within Lithgow Council and come back with the decision via writing to JM.	Lauren Stevens
2	JM undertook to provide a copy of the presentation to facilitate these discussions within Council.	James Marshall

Item	Discussion Point	Action
1.	Welcome and Acknowledgement of Country <ul style="list-style-type: none">The Chair welcomed all CCC Members and gave an Acknowledgement of Country.The Chair thanked everyone for attending and appreciated their attendance for the extraordinary meeting.The Chair noted the meeting had been requested by Centennial and was seeking to obtain feedback from the CCC about the possibility of an enforceable undertaking.The Chair noted actions arising from the September meeting will be carried over to the scheduled December meeting.	
2.	Apologies <ul style="list-style-type: none">Apologies were received.	
3.	Pecuniary or other interests <ul style="list-style-type: none">The Chair requested any updates on pecuniary or non-pecuniary interests and noted Tom Ferguson’s employer’s contract with Centennial for underground work.	
4.	Clarence Enforceable Undertaking – Presentation and Discussion Incident Overview <p>JM and GH from Centennial provided a presentation which is attached to these minutes.</p>	

The presentation covered the mining operations at Clarence and an incident in 2021 that had resulted in serious injuries to two workers.

Key points in the presentation included:

1. The incident
 - Date: November 2, 2021
 - Incident: Two workers suffered serious injuries, including multiple fractures, when struck by falling roof material during pillar extraction operations.
 - Location: In advance of the hydraulic breaker line roof support (BLS) and existing primary support roof bolts and mesh.

2. Investigation details
 - Date: November 4, 2021
 - The NSW Resources Regulator issued a Notice under section 195 of the Work Health and Safety Act with the following directions and recommendations:
 - Conduct a review of the mine's Ground or strata failure principal hazard management plan and implement any additional control measures as necessary.
 - Review the systems of work that govern pre-extraction strata audits and identify the responsible party for completing the audits.
 - Conduct a review of the adequacy and suitability of existing primary support in extraction panel 818A and rectify any defects related to ground and strata support compliance.

Clarence Colliery's response:

 - Compliance with the Notice and a review of strata failure management plans, strata audits, and ground and strata support systems.
 - Decision to extract with single-sided lifting and apply a blanket application of roof mesh to all supported roadways driven in development.
 - Ongoing cooperation with the investigation.

3. Investigation
 - The incident in 818A Panel occurred during double-sided extraction.
 - An external geotechnical mining expert was engaged to assess safe controls for double-sided extraction and conducted a formal risk assessment at the mine.
 - High-Risk Activity Application for double-sided extraction was submitted by Clarence Colliery in April 2021 and approved by the Resources Regulator.
 - Double-sided extraction began on August 9, 2021, following a Pre-Extraction Audit by the external expert on August 6, 2021.
 - Several reports were obtained from the external expert regarding panel extraction and recommendations up to October 8, 2021.

-
- The behaviour of the roof strata at the incident location had not been previously experienced at Clarence Colliery.
 - Safety measures under the 2021 Safety Strategic Plan were discussed, emphasizing safety as the highest priority and the responsibility of all employees.
4. Next Steps
- The Resource Regulator may take court action against Clarence Colliery for alleged breaches of the Work Health and Safety Act, which could result in a prosecution and significant penalties.
 - Alternatively, an enforceable undertaking (EU) may be accepted, which involves legally binding commitments to improve work health and safety.
 - The proposal for an enforceable undertaking focuses on benefits to the workplace, industry, and community.
5. Proposal for an Enforceable Undertaking
- Centennial proposes an Enforceable Undertaking that satisfies the benefits of the workplace, industry, and community.
 - Suggested actions include the implementation of the Fatal Risk program, contributions to the community, and consultation with Clarence's workforce to develop other potential projects.

JM noted that if an enforceable undertaking were perused there would be consultation with the community about what the initiative may be that would benefit the Clarence community. JM also noted the Fatal Risk program that is being rolled out across Centennial and that consultation would need to occur with employees to understand the benefit of programs that could be developed. These outcomes would also see industry wide benefits via shared learnings.

Following the presentation, Centennial sought to understand the views of the CCC members as to whether they support an Enforceable Undertaking.

TF was interested to understand how the workers are doing following the incident and an update was provided by GH.

TF noted support for undertaking an enforceable undertaking. They noted mining is dangerous work, but how a company is measured is on how they response.

LS acknowledged the benefits of an enforceable undertaking and undertook to consider the mater internally and come back with Council's decision via writing to JM.

Action 1

JM undertook to provide a copy of the presentation to facilitate these discussions within council.

Action 2

TF questioned how the workforce at Clarence had responded because of the actions put in place. GH noted the meshing of the roof has been one of the major controls and has been widely accepted.

JM invited the CCC to contact him should they have any questions before the next meeting on 5 December.

5. General Business

- There was no general business.

6. Next meeting

The next regular meeting of the CCC will occur on 5 December at 10am at the Clarence Colliery.

Meeting closed at 3:15pm.

Clarence Community Consultative Committee

23 October 2023

OUR WAY IN ENERGY

Clarence Colliery – Overview

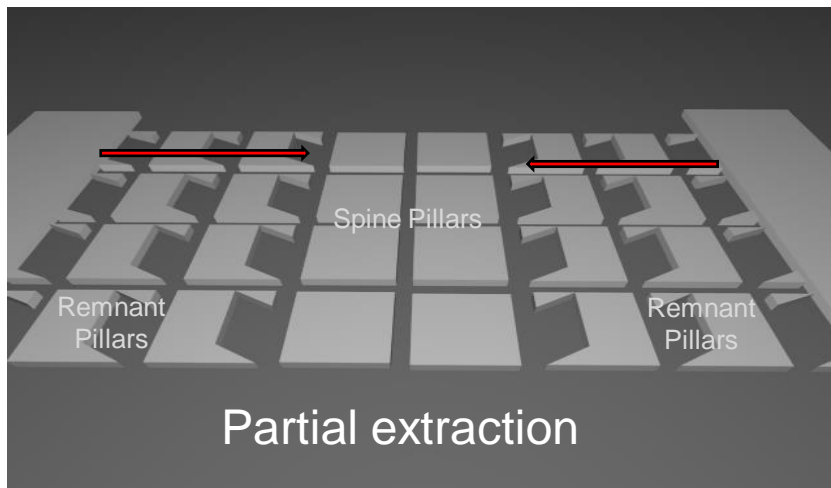
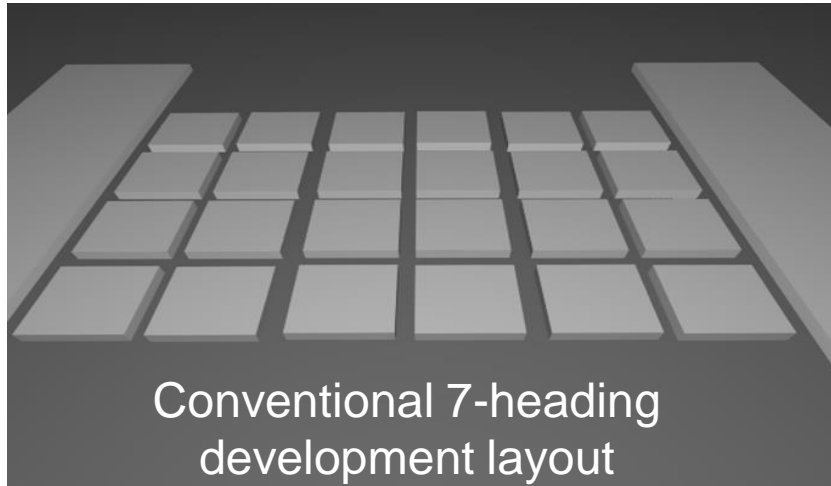
Clarence Colliery

- Clarence Colliery is an underground coal mining operation located within the NSW Western Coalfields.
- Up to 3 million tonnes per annum (Mtpa) of coal is extracted from the Katoomba Seam using the bord and pillar partial extraction method, supplying coal to both domestic and export markets. Currently up to 300,000 tonnes per annum (tpa) of coal products are transported by road in total.

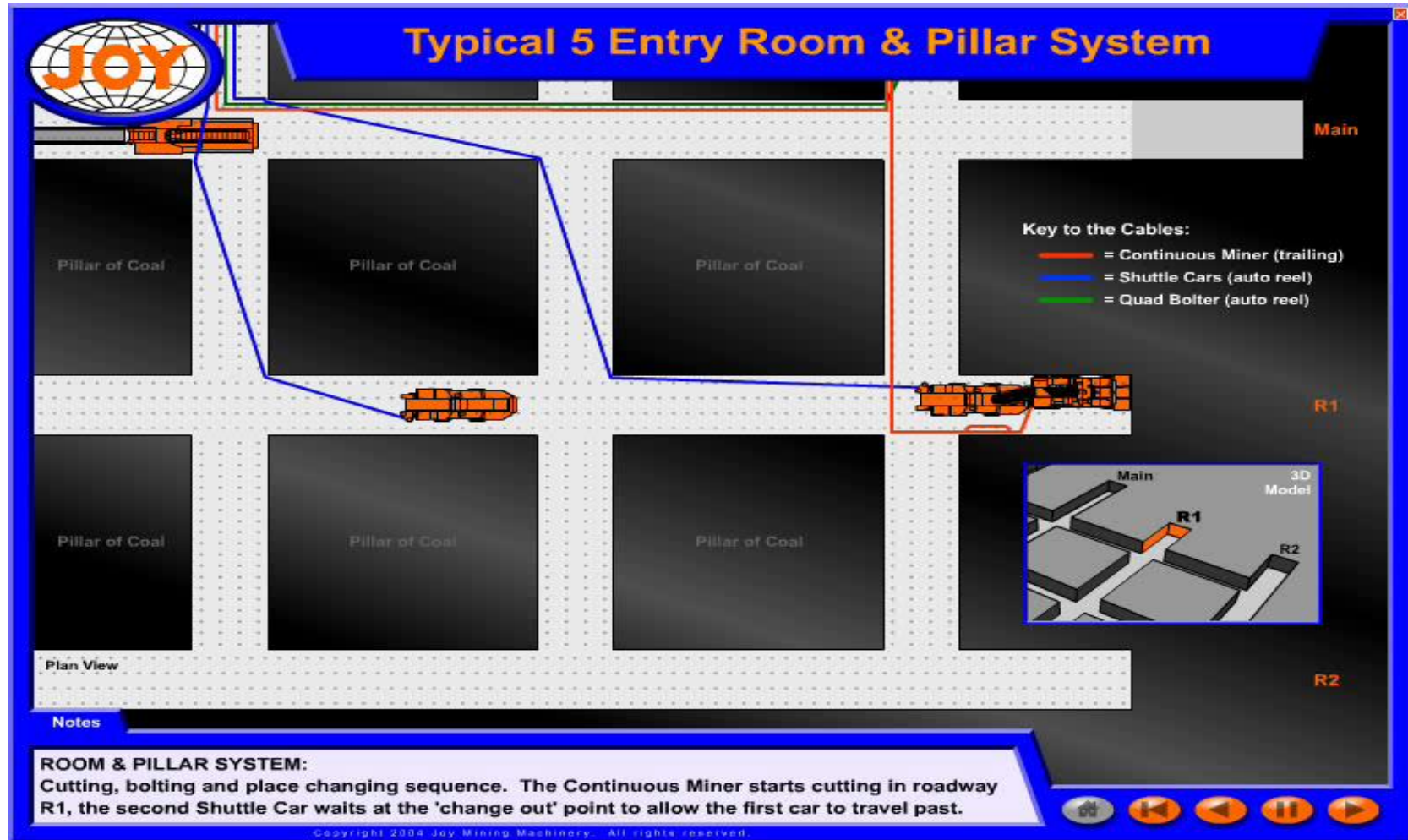
Mining method

- Bord and pillar method of mining coal seams involves continuous miners driving of a series of narrow headings in the seam parallel to each other and connected by cross headings so as to form pillars.
- Subsequent extraction (either partial or complete) can be undertaken if geological conditions permit. This mining method has been successfully used at Clarence for many years. It is a flexible mining method with limited subsidence and therefore minimises environmental harm.

Mine Design



'Cut & Bolt' Place Changing

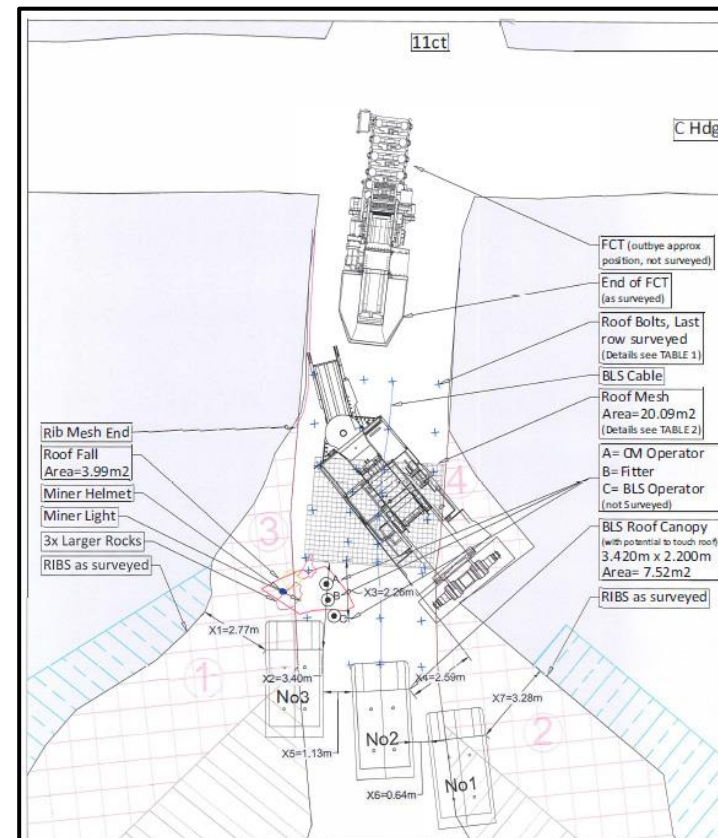


Flexible Conveyor Train Technology



Incident

- On 2 November 2021 two workers suffered serious injuries including multiple spinal fractures when they were struck by falling roof material. The roof material fell from an area in advance of the hydraulic breaker line roof support (BLS) and existing primary support roof bolts and mesh during pillar extraction operations.



Investigation

On 4 November 2021, the NSW Resources Regulator issued a Notice under section 195 of the Work Health and Safety Act over pillar extraction in the panel that included the following directions and recommendations:

Directions on measures to be taken:

1. Conduct a review of the mine's Ground or strata failure principal hazard management plan and implement any additional control measures as necessary.
2. Review the systems of work that govern pre-extraction strata audits and who was accountable to complete the audits.
3. Conduct a review of the adequacy and suitability of existing primary support in extraction panel 818A and rectify any defects identified related to ground and strata support compliance.

Response of Clarence Colliery

1. Clarence Colliery complied with the Notice and gathered a cross section of the workforce and experts in conducting a review of its strata failure management plans, strata audits and ground and strata support systems.
2. The Review by Clarence Colliery determined that it would only extract with single sided lifting and apply a blanket application of roof mesh to all supported roadways driven in development.

The investigation has continued with Centennial cooperating with various requests for information and interviews.

Investigation

- The incident in 818A Panel occurred during double sided extraction.
- During 2021, an external geotechnical mining expert was engaged to assess the safe controls for double sided extraction in the panel, together with a formal risk assessment at the mine.
- Clarence Colliery lodged a High Risk Activity Application, with the Resources Regulator, for double sided extraction in the panel, in April 2021 and approved by the Resources Regulator.
- Double sided extraction commenced on 9 August 2021 following completion of a Pre - Extraction Audit by the external expert on 6 August 2021
- A further six reports were obtained from the external expert regarding panel extraction and recommendations for lifting up to 8 October 2021.
- The behaviour of the roof strata at the incident location had not been previously experienced at Clarence Colliery.



**YOUR
SAFETY
IS MY SAFETY**

Clarence Colliery operated under the 2021 Safety Strategic Plan that systematically integrates and outlines all planned training, education, expectations and initiatives for 2021. This plan, which was developed through the consultation process at Clarence Colliery, compliments the overarching Corporate Safety Strategy direction.

- Safety is our highest priority. We are uncompromising in our commitment to health and safety.
- Safety is the responsibility of all employees; from Management to the workforce we share a responsibility to ourselves, our fellow workers, our families and communities.
- Everyone is responsible for achieving zero harm by demonstrating a proactive approach to Safety.

Next steps

- Due to the contravention or alleged contravention of the Work Health and Safety Act 2011 it is likely that the Resource Regulator will take court action against Clarence Colliery which may result in a prosecution and significant penalty imposed by the Court for alleged breaches of the Work Health and Safety Act. The maximum penalty at the time was \$1.5 million.
- As an alternative to a prosecution and fine the Resource Regulator may accept an enforceable undertaking (EU).
- An EU is a written, legally binding commitment to implement effective work health and safety initiatives.
- An EU (rather than a prosecution) will only be accepted if it demonstrates three main principles:
 - benefits to the workplace
 - benefits to their industry
 - benefits to the community.

Benefits of an Enforceable Undertaking

An EU:

- provides for significant and on-going commitments that aim to achieve improved WHS and compliance
- provides an opportunity for organisational reform
- provides an opportunity for the person to communicate to their industry peers and the community generally about the consequences of unsafe work practices and the opportunities that putting in place safe work practices can bring.

Proposal for an Enforceable Undertaking

Centennial proposes that an EU be entered into that satisfies the benefits of an EU in that it:

- benefits to the workplace
- benefits to their industry
- benefits to the community

It is proposed that:

- The Fatal Risk program be rolled out Clarence Colliery and across Centennial Mines and learnings from the program are shared across the industry.
- Clarence Colliery contribute to an initiative that is of benefit to the community eg under previous EUs Centennial provided donations to Lithgow Hospital for their rehabilitation facilities and to NSW Ambulance Service for a new 4WD vehicle.
- Centennial will consult with Clarence's workforce to develop other potential projects.

The logo consists of a stylized white flame or leaf symbol to the left of the word "CENTENNIAL".

CENTENNIAL

Minutes

Clarence Colliery Community Consultative Committee

Meeting	Clarence Colliery CCC	Date	5 December 2023
		Time	10:00am -11:00am
Venue	Clarence Colliery, Clarence Colliery Road, Clarence NSW		
Independent Chair	Deborah Palmer (DP)		
Attendees	Cr Maree Statham (MS), Lithgow City Council Tom Ferguson (TF): Community Representative Matt Ribas (MR): Centennial James Marshall (JM), Centennial Lara Mudie (LM), Centennial	Apologies	Lauren Stevens (LS): Lithgow City Council Brian Nicholls (BN): Centennial Graham Healey (GH), Centennial Ian de Beuzeville (ID): Community Representative Larry Anderson (LA): Community Representative

Item	Action item	Responsibility
1	Clarence Continuance Project Scoping Report to be sent to the CCC when it is completed and submitted to the Department of Planning	James Marshall
2	Email inviting CCC members to review and comment on the 918 and 920 Extraction Plans to be resent	James Marshall
3	Contact the Bell Clarence Dargen Rural Fire Service (RFS) to test interest in applying to join the CCC	James Marshall
4	Conduct underground tour at the March 2024 meeting	Matt Ribas
5	Presentation on Banpu operations and renewable energy focus	James Marshall
6	Next meeting date of 5 December 2023 to be confirmed and sent to members	Deborah Palmer

Item	Discussion Point	Action
1.	Welcome and Acknowledgement of Country <ul style="list-style-type: none">The Chair welcomed all CCC Members and gave an Acknowledgement of Country.The Chair thanked everyone for attending and appreciated their attendance.The Committee was informed Brian Nicholls is retiring from the role as Clarence Colliery Manager. The Chair thanked Brian for his contribution to the Committee.	
2.	Apologies <ul style="list-style-type: none">Apologies were received, and there were no changes to the CCC membership.	
3.	Pecuniary or other interests <ul style="list-style-type: none">The Chair requested any updates on pecuniary or non-pecuniary interests.	

- Tom Ferguson noted his employer’s contract with Centennial for underground work.

4. **Business arising from previous minutes** **Action 1**
- Item 1 – Advertising to recruit additional community and stakeholder representatives to the CCC sent to the CCC. Action closed.
 - Item 2 – TOR naming requirements. Resolved Centennial may nominate company roles to the committee rather than individual names. Action closed.
 - Item 3 – Clarence Continuance Scoping Report to be sent to CCC when complete. Action Open.
 - Item 4 – meeting date – has occurred. Action closed.

5. **Correspondence** **Action 2**
- JM wrote to the CCC on 22 November inviting the committee to review and comment on the draft 918 and 920 Extraction Plans. JW reiterated that the Extraction Plans for open for comment from the CCC. Comment is sought by the end of 2023.
 - **Action Item 2:** JW undertook to resend the email to CCC members.

6. **Update on Expressions of Interest for additional members** **Action 3**
- DP noted there had been no expressions of interest received for the additional community and stakeholder members.
 - The CCC discussed contacting the Association of Bell Clarence Dargen (ABCD) to see if there is any interest.
 - **Action Item 3:** JM undertook to open this discussion with the ABCD Chair.

7. **Company and other reports**

Clarence Colliery Operational Report was provided by MR. The report covered the period September to December 2023.

The detail was provided as follows, and the presentation is attached.

Operations Summary

Metric	2022 Summary	2023 YTD Summary
Tonnes Mined	1.6 million tonnes	*508,482 tonnes
Annual Forecast	1.9 million tonnes	1.3 million tonnes
Tonnes Transported via Rail	1,187,000t	*352,844 tonnes
Tonnes Transported via Road	169,500t	*54,311 tonnes

Operations - September to December 2023

- Focus on safety performance resulting in a year-to-date incident-free record.
- Priority given to underground operations, ensuring production continuity.
- Active mining panels included 804 FCT development, 830 development, and 801 south development.

-
- The FCT is expected to remain in production for the remainder of the year.

Environmental Performance

1. Noise Monitoring:

- No changes reported; comprehensive noise monitoring completed in December 2023.

2. Air Monitoring:

- No changes reported; no noteworthy findings in air quality.

3. Community Complaints:

- No community complaints reported.

4. Cultural Heritage:

- A Due Diligence inspection of the 711/713 area is scheduled for December 14th and 15th.

5. Water Monitoring:

- No changes reported; LDP2 concentration limit exceedances recorded for September, October, and November.
- Exceedances were minor, with timely notifications to regulatory authorities; no significant environmental impact.

6. Subsidence Monitoring:

- Subsidence monitoring was conducted over the 800 and 900 areas.

Environmental Management

1. Rehabilitation Trial Area:

- The REA IV rehab trial area demonstrated positive performance, with rehab monitoring completed in November.

2. Bushfire Preparedness:

- A Rural Fire Service (RFS) inspection was conducted at the site in October.
- Bushfire maintenance at the pit top is underway this month.

Independent Environmental Audit

- A three-yearly Independent Environmental Audit (IEA) at the site was conducted during the reporting period.
- The IEA will be finalised in January 2024, and the audit report will be made publicly available on the website.

Clarence Continuation Project

- Clarence is in the process of preparing a modification (MOD 8) to extend DA 504-00 until 2029.
 - A feasibility study is underway to assess mining viability beyond 2029 (the current expiry date of DA 504-00), known as the Clarence Continuation Project.
-

-
- The scope of the project is currently being assessed, and based on the outcomes, a Scoping Report will be prepared for submission to the Department of Planning and Environment (DPE) for assessment.
 - Clarence has a pipeline of Extraction Plans in preparation, including the 918/920 Area (submitting Oct. 2023), 711/713 Area (submitting mid-2024), and 924/926 Area (subject of MOD 8).
 - The Continuation Project will evaluate the ongoing viability of Clarence, covering aspects such as rejects emplacement, coal dispatch, water management, water transfer, etc., extending out until around 2040.
 - Centennial Clarence committed to keeping the CCC updated on all projects, approvals, and the progress status of the Continuation Project.

Modification 10

- In 2022, modifications were approved for Clarence Colliery (Modification 9) and Lidsdale Siding (Modification 4) consents, allowing for a temporary tonnage increase in road transport until December 31, 2023.
- Centennial is seeking to amend its consent conditions for the permanent road haulage of a maximum 300,000 tpa from Clarence Colliery (Mod ` 10) to Lidsdale Siding (Mod 5), with no changes to the temporary Modification elements or transport route.
- No infrastructure upgrades are required at Lidsdale Siding.

Proposed Activities for the Next Period

- Working on the 711/713 Extraction Plan.
- Engaging in the Annual Review.
- Progressing with the Annual Return

Enforceable Undertaking

- JM noted there hadn't been any change on the status of the possibility of Enforceable Undertaking that was discussed at the October extraordinary meeting.
- JM spoke to the response received from LS at Lithgow Council noting that at this stage an EU has not been offered and the value of any contribution to community infrastructure is unknown, Council is unable to provide a response. However, should an EU be proposed, Council recommends that you consult with Council's Community and Cultural Manager.

The Chair took questions and comments from the CCC members regarding the presentation and the following were the questions raised and key points discussed.

- TF asked whether short wall mining will occur in 2024. JM noted Centennial is planning to use this method of extraction, subject to approval by the Department of Planning and Environment.

8. General business

- The Chair requested any general business items.
- The Committee discussed items that could be covered in the 2024 meetings including:

**Action
4**

**Action
5**

-
- conducting an underground tour
 - presentation on Banpu and renewable energy focus

Action Item 3: MR undertook to organise the underground tour for the March meeting.

Action Item 4: JM undertook to provide an update on Banpu's operations and renewable energy focus.

9. **Next meeting**

The next was discussed to occur on 12 March at 10am at the Clarence Colliery

Action Item 5: Deborah to send next meeting invite to members.

Meeting closed at 11:00am.

**Action
6**

Clarence Colliery

*Clarence Community Consultative Committee
Presentation 5 December 2023*



Introduction

Reporting Period:

- September – December 2023

Consents/Project Approvals

- DA 504-00 (MOD 9)

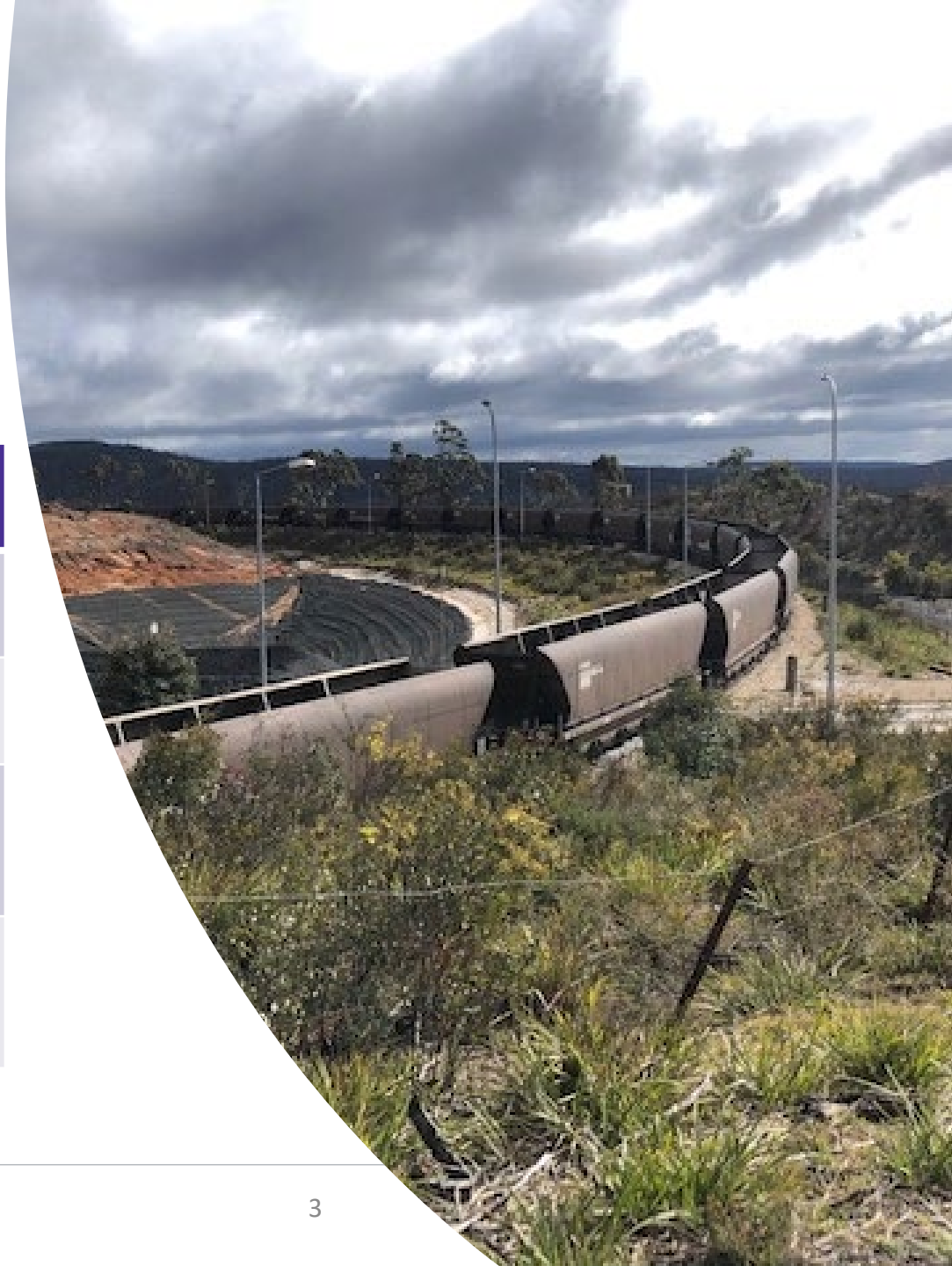
Environmental Protection Licence

- EPL 726
- Variation approved - PRP

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*End of November



Operations

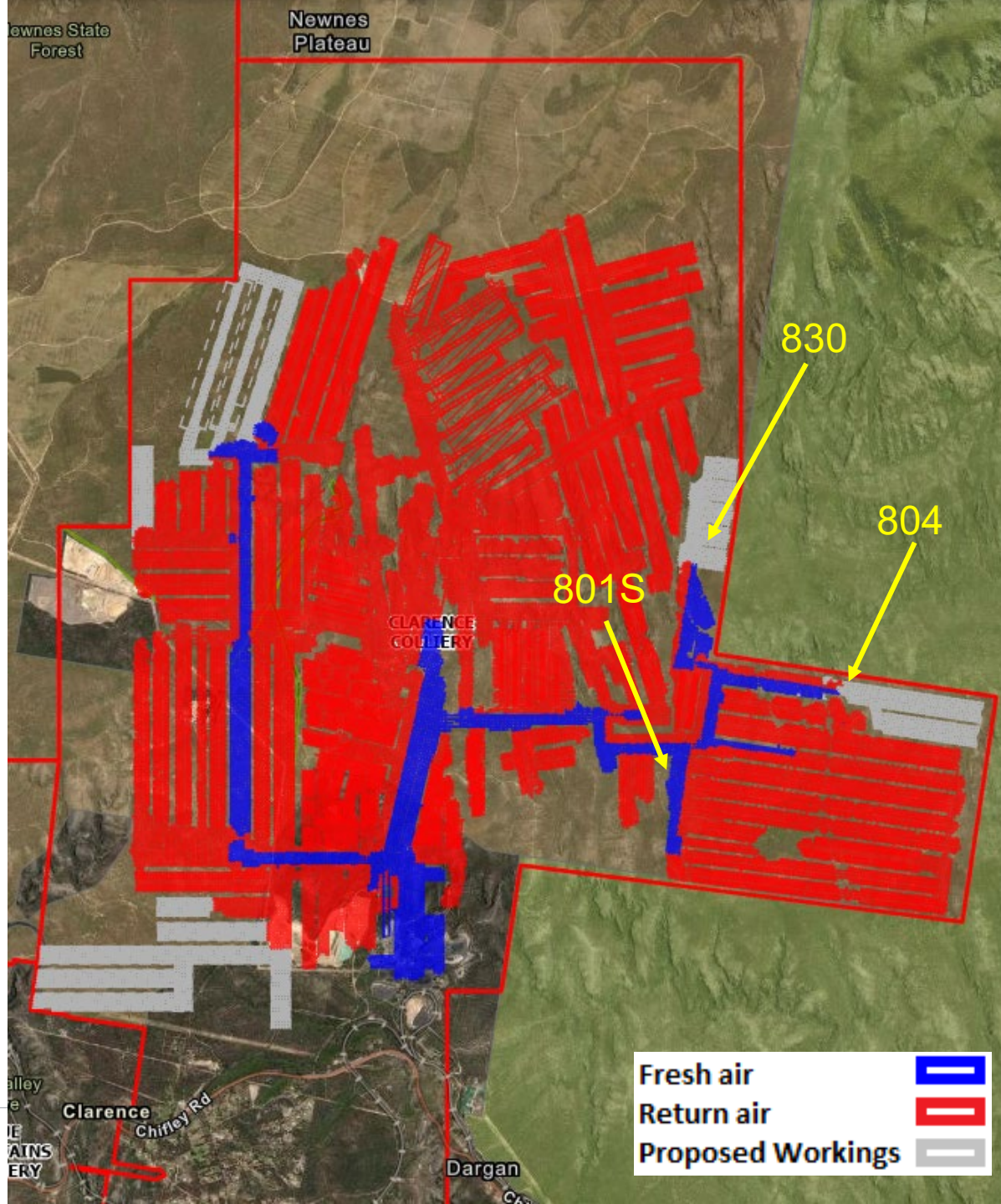
Underground (Continuous Miner) operation

September – December 2023

- The mine has continued its focus on safety performance and remains incident free year to date
- Prioritisation of the underground operations to ensure production continuity
- Active mining panels:
 - 804 FCT development
 - 830 development
 - 801 South development

2023 Outlook

- FCT in production remainder of the year



Clarence Colliery

Environmental Performance

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Environmental Performance

- **Noise Monitoring Criteria**
- Nil changes
- **Noise Monitoring Results**
- Noise monitoring being in completed December 2023
- **Air Monitoring Criteria**
- Nil changes
- **Air Monitoring Results**
- Nil
- **Community Complaints**
- Nil
- **Cultural Heritage**
- Due Diligence inspection of the 711/713 area planned for December the 14th and 15th



Environmental Performance

- **Water Monitoring Criteria**
- Nil Changes
- **Water Monitoring Results**
- LDP2 concentration limit exceedances recorded for September, October and November
- Exceedances were minor against tight limits. Notifications to appropriate regulatory authorities were made
- No material harm to the environment
- **Subsidence Monitoring**
- Subsidence monitoring undertaken over the 800 and 900 areas

Environmental Management

An aerial photograph of a forested hillside. The terrain is covered with dense green and yellowish vegetation. A prominent feature is a rocky stream bed or gully that runs diagonally across the lower portion of the image. The overall scene depicts a natural, somewhat rugged landscape.

Rehabilitation Trial Area

- REA IV rehab trial area performing well
- Rehab monitoring completed in November

Bushfire Preparedness

- RFS inspection held at site during October
- Bushfire maintenance at pit top being undertaken this month



REA 3 Rehabilitation Update



Independent Environmental Audit



During the reporting period we conducted a three yearly IEA at site.



This will be finalised in January next year



It will then be available on the website for the public

Clarence Continuation Project

OUR WAY IN ENERGY



Approvals

- 918/920 Extraction Plan has been submitted for review on the portal, the department will then come back to the approvals team with comments.
- We held a meeting with National Parks and Wildlife and Biodiversity Conservation and Sciences regarding the extraction plan on the 23rd of November
- Work on the 711/713 extraction plan is ongoing in parallel with baseline monitoring, groundwater bores to be drilled early next year.

MOD 10

- Mod 10 has now been submitted is to continue trucking until the end of the 2026 consent

In 2022 Centennial applied for, and had approved, modifications to Clarence Colliery (Modification 9) and Lidsdale Siding (Modification 4) consents to dispatch and receive (respectively) coal by road.

- The Modifications allowed for the temporary tonnage increase (to 31 December 2023) transportable by road from Clarence (from the approved 200,000 tonnes per annum (tpa) to up to 300,000 tps).
- The Modifications has enabled up to 200,000 tpa (from 100,000 tpa) of coal to be transported to the west to Mt. Piper Power Station (MPSS) and/or Lidsdale Siding using public roads.
- No change to existing 100,000 tpa already approved for road haulage to the east via public roads.


To ensure coal supply options for MPPS, Centennial is seeking consent conditions for the permanent road haulage of maximum 300,000 tpa from Clarence of which up to 200,000 tpa will be transported by public roads to the west to MPPS and / or Lidsdale Siding.

- No change to the temporary Modification elements are proposed or transport route.
- Truck movements will remain as was approved under the temporary road haulage:
 - Up to 25 laden trucks per day to deliver coal to Lidsdale Siding between 7am and 10pm Monday to Saturday and 8am to 10pm on Sundays and public holidays.
- No infrastructure upgrades are required at Lidsdale Siding.

Proposed Activities for the Next Period

- Working on 711/713 Extraction Plan
- Working on Annual Review
- Working on Annual Return



An aerial photograph of a desert landscape. In the lower-left quadrant, a white SUV is parked on a dirt path. Two people are standing near the vehicle. The terrain is sandy and sparsely vegetated with small green and yellow plants. Long shadows are cast across the ground, suggesting a low sun position. The word "QUESTIONS?" is overlaid in large white text in the center of the image.

QUESTIONS?