

Wilpinjong Extension Project
On-site PAC Briefing

28 November 2016

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Agenda

- Peabody overview
- 2. Wilpinjong Coal Mine overview
 - Video flyover
- Overview of the Extension Project
- 4. Land ownership
- Environmental studies
- 6. Aboriginal Heritage
- 7. Biodiversity
- 8. Final landforms and rehabilitation
- 9. Wollar Plan
- 10. Closing remarks

About Peabody Energy



Peabody Energy is the world's largest private-sector coal company

- Peabody globally has a leading position in United States' Powder River Basin and Illinois Basin and an Australian metallurgical and thermal coal platform to capture higher growth Asian markets. We serve customers in some 25 countries on six continents.
- In 2015 the company:
 - Set a new record for safety, with a 13 percent reduction in the global incidence rate
 - Sold 228.8 million tons of coal through sales, trading and brokerage activities
 - Delivered revenues totalling \$5.61 billion
 - Had 7.55 billion tons of proven and probable reserves
 - Had a global workforce of approximately 7,000
 - Rehabilitated 4,716 acres of mined lands and planted approximately 442,000 trees

Moorvale CHPP, Qld

About Peabody's Australia Platform

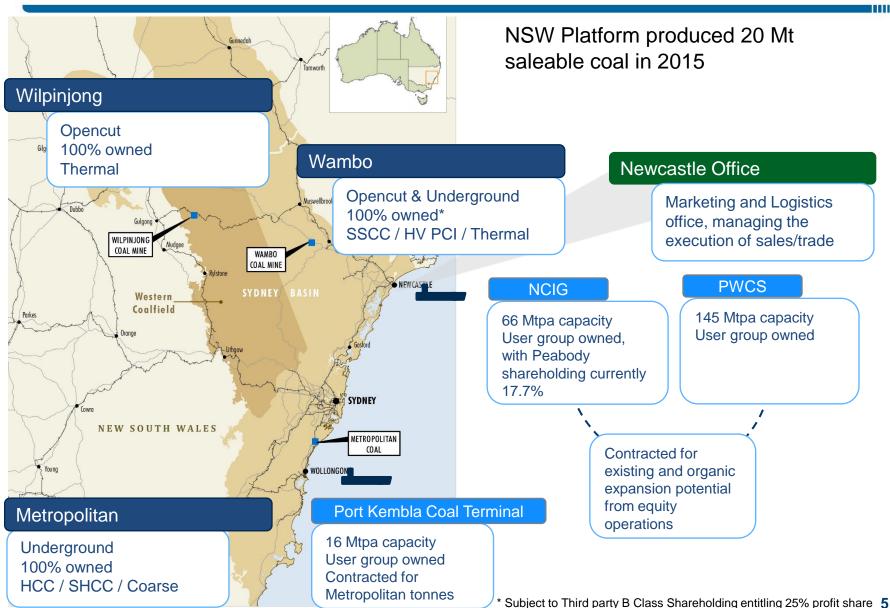




- In 2015, Peabody's Australian operations achieved total sales of 35.8 million tons primarily to steel producers and electricity generators in Australia and Asia
- Peabody has mining operations across Queensland and New South Wales employing over 3,500 people
 - Qld: North Goonyella, Burton,
 Millennium, Coppabella Moorvale
 and Middlemount (50%)
 - NSW: Metropolitan, Wambo OC,
 Wambo UG and Wilpinjong

Peabody Energy – NSW Portfolio





Peabody Energy: Chapter 11 Update



Progressing Through Chapter 11 Process

- Received court approval on various motions allowing operations to proceed in ordinary course
 - \$800 million debtor-in-possession financing facility approved, providing access to capital
 - Uninterrupted employee payments and post-petition vendor payments approved
- Ongoing court process and stakeholder engagement over coming weeks and months
 - Largely to be expected given wide-array of stakeholders
- Continue to progress forward, repositioning the company for long-term success
 - Intend to work through the process as quickly as possible and have secured financing for up to 18 months
- Delivered Peabody Energy business plan in August 2016
- Delivery of Emergence Plan late 2016
- Complete reorganisation within the 12-month period contemplated for Chapter 11 cases (April 2017)



| Product | Thermal coal5610-6360 GAR, 10.0% moisture, 14.0-22.0% ash | |
|--------------------|---|--|
| Ownership | 100% owned and operated | |
| Location | Western coalfields of New South Wales, 40 kilometres northeast of Mudgee | |
| | Open cut mine utilizing dozer, excavators and trucks | |
| Overview | Workforce of up to 550 mainly residing in Mudgee and surrounds | |
| | Important provider of low cost thermal coal to support NSW electricity supply (AGL) | |
| Reserves (Mt) | Total reserves 154 Mt | |
| Major Equipment | Excavators – 1 Liebherr 9400 and four 9350; Trucks – 19 CAT 789 | |
| Transportation | Railed to either Newcastle Coal Infrastructure Group (NCIG) or Port Waratah Coal Services (PWCS) at Newcastle; rail coal domestically | |
| Geology | Mining Ulan and Moolarben seams with seam thickness of 0.5 to 12 metres at depths of 5 to 40 metres | |
| Coal Processing | 1,250 tph heavy media wash plant 9.2 Mtpa annual feed capacity Domestic quality coal is bypassed | |

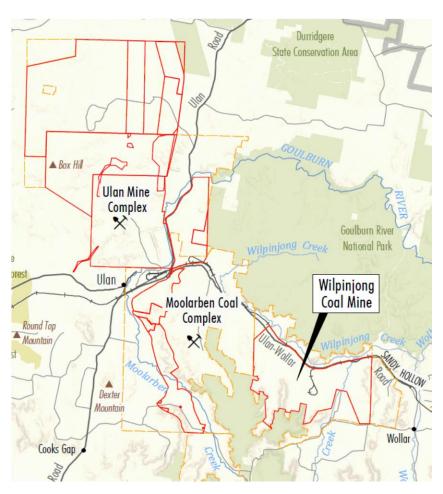






Wilpinjong is part of the established Western Coalfield

- Wilpinjong is part of the Western Coalfield mining complex that provides ~ 20% of NSW coal and also some of the State's cheapest coal
- Located in close proximity to Ulan and Moolarben mining complexes
- Between the MGNR and G. River National Park
- Data sharing agreements:
 - Blasting schedules
 - Environmental monitoring data (noise, dust, weather etc.)
 - Traffic management
- Ulan Road Strategy (cumulative traffic mitigation)
- Environmental teams meet on a quarterly basis



Environment and Community



Our social licence to operate is more valuable now than ever before

- Environmental compliance and community engagement are key to retaining our social licence
- Community engagement via our CCC, meetings with Council and community play an important part in maintaining our reputation within our local community



Wilpinjong - active mining areas and active rehabilitation areas



We are part of the local community and contribute in many ways

- WCPL holds quarterly Community Consultative Committee (CCC) Meetings with key stakeholders
- Hold monthly Have-a-Chat session in Mudgee, Gulgong and Wollar
- Wilpinjong Coal donates around \$100K to the local community each year
 - Lifeskills Plus key project for the past two years

Lifeskills provides respite and educational services for people with disabilities in the local area

- Ulan Road Strategy contributions
- Wollar Progress Association
- Rural Fire Service

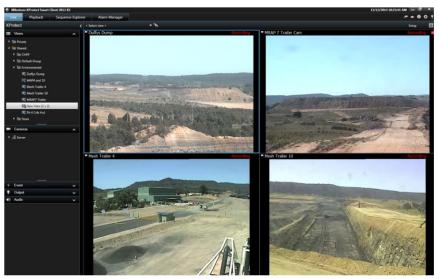




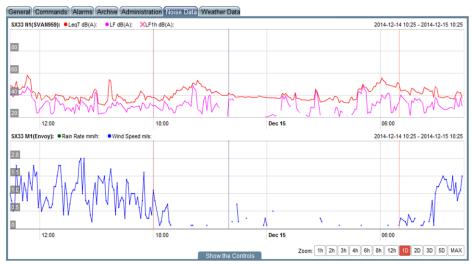
Real-time monitoring is the key to our success

Dispatch Operators - 24 hours per day monitoring:

- Noise, dust, air quality and weather data
- Pit cameras
- Document and convey data and observations to Open Cut Examiners to inform decisions regarding operational performance









Low strip ratio allows rehabilitation to closely follow mining





Mined areas returned to open woodland / grazing



Wilpinjong – Tailings Dam 2 active 2007



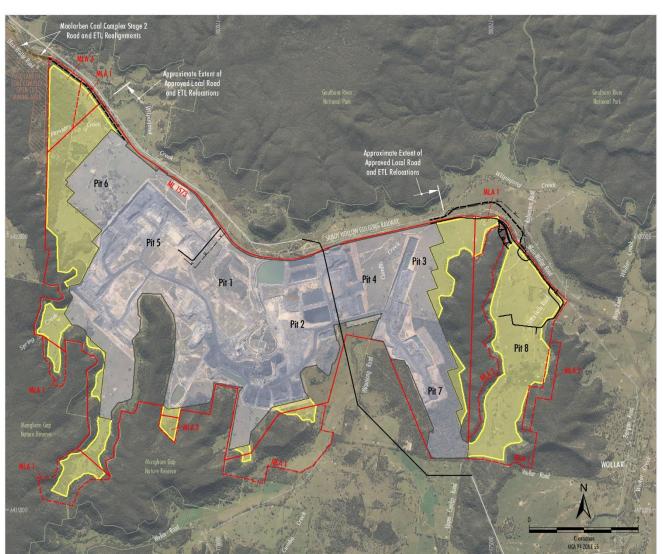
Wilpinjong – Tailings Dam 2 rehabilitated 2015



Video Flyover



Overview



LEGEND

Mining Lease Application Boundary

Mining Lease Application Boundary

Approved/Existing Open Cut and Contained Infrastructure Area

Relocated Block Bank and Cumbo Creek Disturbance Area

Proposed Open Cut Extension Area

Proposed Public Road Realignment

Proposed Profile Road Realignment

Proposed Floria Road

Proposed Local ETL Realignment/Relocation

Proposed Relocated TransGrid 330 kV ETL Existing Local ETL

Existing Local ETL

Source: WCPL (2015); NSW Dept of Industry (2015) Orthophoto: WCPL (Jun 2015; Jun 2014)

Peabody

WILPINJONG EXTENSION PROJECT

Project General Arrangement

15



Project highlights

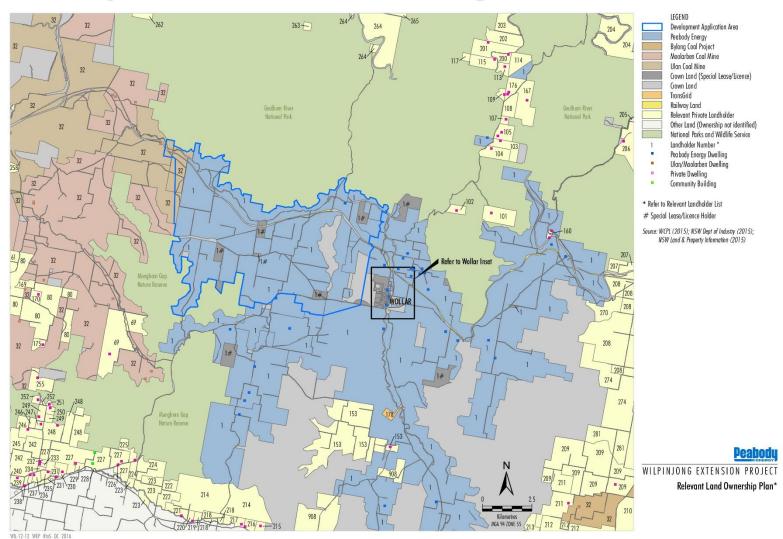
The Project would include:

- Approximately 800 ha of open cut extensions
- Mine life extension by 7 years (from 2026 to 2033)
- Continued employment of 550 people peak of 625 (operations)
- Continued production of approximately 16 Mtpa of ROM coal
- Continued railing of product (average of 6 and a maximum of 10 train departures/day)
- Continued use of the CHPP and general mine infrastructure
- Relocation of a section of the TransGrid Wollar to Wellington 330 kV ETL
- Local infrastructure relocations

 (e.g. realignment of Ulan-Wollar Road and associated rail level crossings, relocation of local ETLs and services)

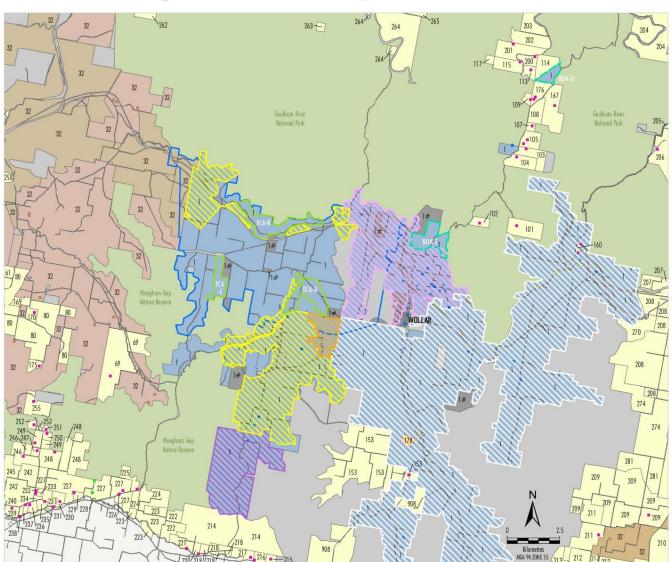


Peabody has substantial land holdings





Continued agricultural enterprises



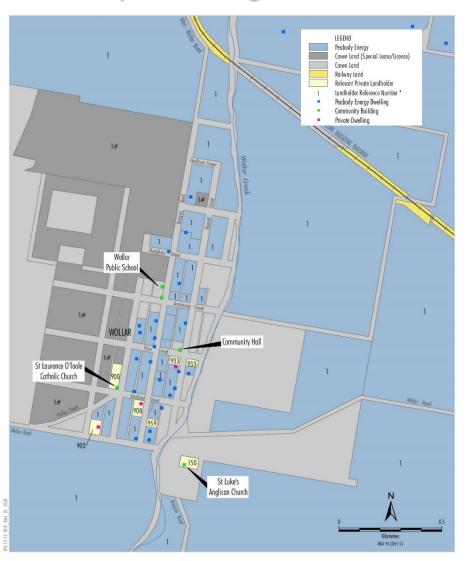
Development Application Area Peabody Energy **Bylong Coal Project** Moolarben Coal Mine Ulan Coal Mine Crown Land (Special Lease/Licence) Crown Land TransGrid Railway Land Relevant Private Landholder Other Land (Ownership not identified) National Parks and Wildlife Service Environmental Conservation Area Existing Biodiversity Offset Area Landholder Number Peabody Energy Dwelling Ulan/Moolarben Dwelling Private Dwelling Community Building Agricultual Leases Gaffney McDermott/ Davies Minnamurra Pastoral Company Seimens Source: WCPL (2015); NSW Dept of Industry (2015); NSW Land & Property Information (2015)

Special Lease/Licence Holder



Residual landowners offered acquisition rights

- ID 933
- ID 908
- ID 959 (vacant lot)
- ID 903





Substantial EIS studies with multiple expert reviews

WEP EIS included 17 technical assessments to support the application:

- Noise and Blasting
- Air Quality and GHG
- Groundwater
- Surface Water
- Biodiversity (inclusive of Offset Strategy)
- Aquatic Ecology
- Aboriginal Cultural Heritage
- Historical Heritage

- Land and Soil Assessment
- Road Transport Assessment
- Geochemistry Assessment
- Land Contamination Assessment
- Economic Assessment
- Social Impact assessment
- Visual Assessment
- Environmental Risk Assessment
- Preliminary Hazard Analysis

Bolded = Peer review by DP&E engaged expert

<u>Underlined</u> = Peer review by WCPL engaged expert

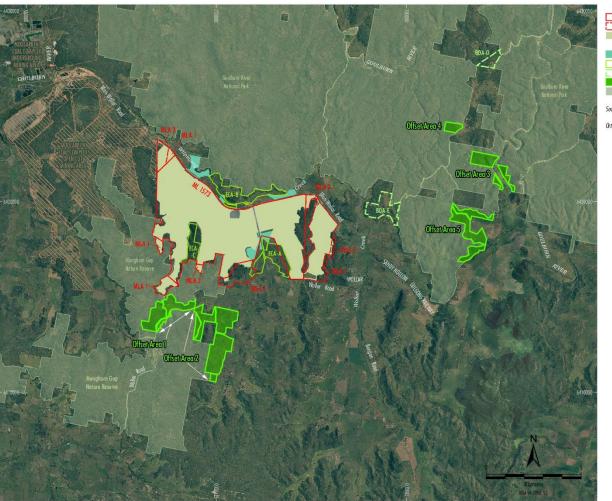


Comprehensive Aboriginal Heritage assessment with RAPs and highly experienced Archaeologist

- Range of archaeological site types identified
- Cultural values identified by RAPs
- Rocky hill in Pit 8 not unique in the region, mitigation measures:
 - Salvage excavation of deposits
 - Surface collection of identified artefacts
 - Detailed recording of ochre quarry and art
 - Further analysis of collected items
- OEH did not raise any material technical issues
- DP&E draft Consent Conditions require further targeted survey in WCPL land based offsets



Biodiversity offset package leverages off existing National Parks and Conservation Areas



LEGEND

Mining Lesse Boundary

Mining Lesse Application Boundary
Rehabilitation Areas potentially included in the Biodiverity Othes Strategy
Residual Regeneration Area
Enhancement and Conservation Area
Existing Biodiversity Othes Area
NSW Offset Area
Notional Park/Nature Reserve

Source: WCPL (2016); Hunter Eco (2014); NSW Dept of Industry (2015) Orthophoto: WCPL (Jun 2015, 2011)

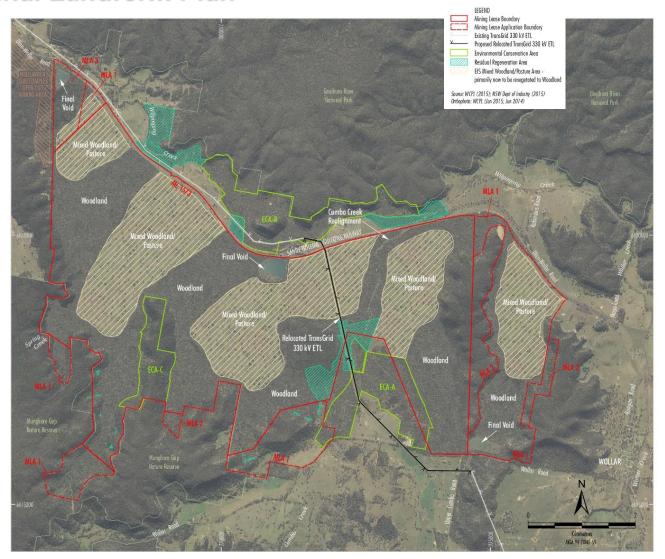
| Biodiversity Offset Area | Area (ha) |
|----------------------------------|-----------|
| 1 | 201 |
| 2 | 417.5 |
| 3 | 128.5 |
| 4 | 39 |
| 5 | 221 |
| Total | 1,007 |
| Native Vegetation Disturbance | 354 |
| On-Site Rehabilitation | 2,906 |
| · | |

Regent Honeyeater breeding programme contributions (\$660K)

NB: In addition to the Nullo Mountain offset



WEP Final Landform Plan





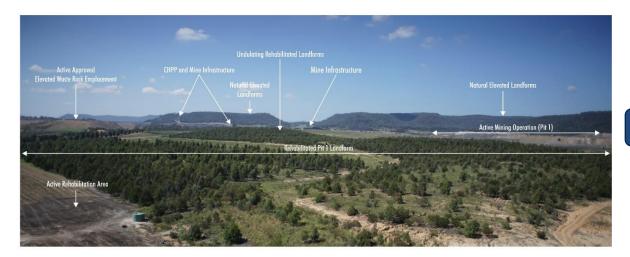
Existing topography closely replicated in final landform

- No large out-of-pit waste rock emplacements
- Undulating final landform and gentle slopes
- Final landforms in same elevation range as pre-mining
- Micro-relief not considered necessary given landform design





Gently sloping rehabilitated landforms



Rehabilitated open cut



Rehabilitated tailings dam

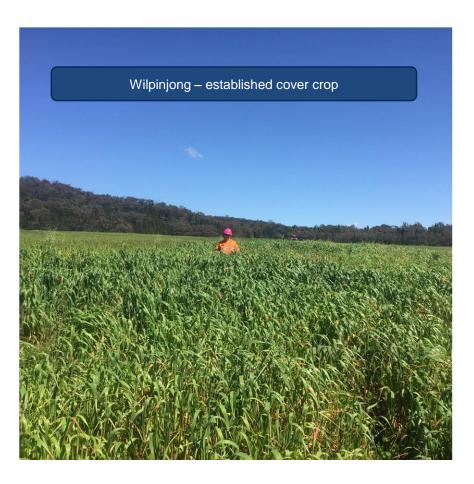


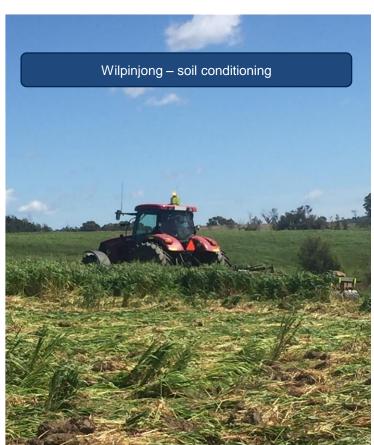
Existing rehabilitation performing strongly





Established pasture rehabilitation to be converted to woodland







Development of the Wollar Plan

- Wollar Plan key elements:
 - Buildings and Structures e.g. demolitions, maintenance
 - Community Services e.g. postal, ablution, RFS
 - Transport and Infrastructure e.g. Ulan Wollar Road
 - Amenity e.g. signage, lighting, access to cemetery





Extensions to existing operations will provide ongoing benefits

- Ongoing employment of existing workforce, expanded to 625 at peak
- Extends the life of the operation and associated positive flow on effects to 2033
- Maximises continued use of existing infrastructure and facilities
- \$190 million royalties to the State of NSW
- Provides access to additional export coal
- Significant biodiversity conservation outcome
- Continuation of community investment and contributions



Questions

