# **Integra Undergroud Operation**

Glencore and Bloomfield signed agreements in August 2015 to acquire 100% of the Integra coal mine complex from Vale S.A. and its five joint venture partners.

Glencore acquired the Integra underground operations, while Bloomfield took ownership of the Integra open cut mine together with the wash plant and rail loop facilities.

Glencore has a commercial agreement to utilise the wash plant and rail loop facilities.

#### Ownership

Integra Underground is 100% Glencore owned.





Integra Underground is located within the Hunter Coalfields at Glennies Creekin the Upper Hunter Valley of New South Wales, approximately 12 kilometres northwest of Singleton, in the Singleton Local Government area.



# **Environmental Management**

- Our comprehensive Environmental Management System (EMS) provides a framework for the systematic management of environmental issues.
- The EMS covers design, development, production, maintenance and rehabilitation of the operation and its infrastructure.
- The EMS framework provides comprehensive standards, procedures, objectives and targets to help maintain and continually improve our environmental performance.
- To evaluate the effectiveness of our environmental management process we conduct monitoring of meteorological conditions, air quality, water quality, noise levels, subsidence effects, heritage sites, flora and fauna and rehabilitation areas.

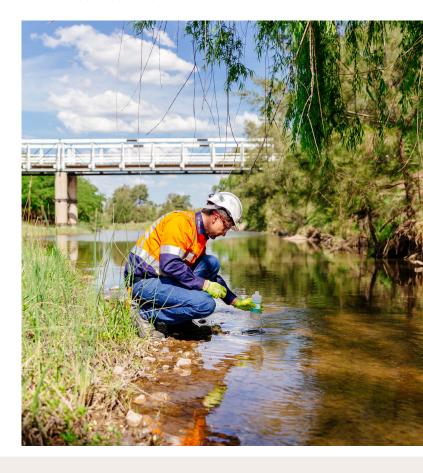
### Community

The Integra Underground is committed to ongoing open and honest communication with the local community and other stakeholders. We actively seek to engage and consult the community to provide information relating to the environmental, social and operational performance of the mine and enable the community to provide feedback.

Our community program includes opportunities for not-for-profit community organisations to seek donations, sponsorship and in-kind assistance for a range of environmental, community development and educational activities. We a proud to be a member of our local community.

# Integra Underground Achievements

- Development of maingate 14 recommenced in February 2017 under Glencore ownership.
- A new 3.8 kilometre, steel cord drift belt was installed in April 2017.
- · Longwall mining recommenced in June 2017.
- First shipment of Integra Underground coal was railed in June 2017.



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Integra Underground, formally known as Glennies Creek Colliery was established. 2014

The underground operations were placed on care and maintenance at the completion of Longwall 12.

Glencore announced plans to re-start mining at Integra Underground, including Longwalls 13 and 14.

Glencore announces plans to extract an additional 5 Longwall blocks to Longwall 20.

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First longwall mining commenced in the Middle Liddell seam.

Clencore acquired the assets of the underground from Vale S.A. and its five joint venture partners. The mine remained on care and maintenance.

Coal mining recommenced with the extraction of Longwall 13 and development of Longwall 14. Glencore announces plans to mine an additional longwall – Longwall 15. Glencore progresses
mining into Longwall 16
and confirms mining
will cease at the
completion of Longwall 18.