

### **Bulga Operation**

Bulga Coal has been operating for over 35 years and is located between the villages of Broke and Bulga, southwest of Singleton in NSW.

Open Cut mining commenced in 1982 followed by underground mining in 1992. The mine has a strong focus on relationships with our neighbours and co-existence with surrounding land uses.

Bulga Open Cut is a dragline, truck and shovel operation targeting the Redbank, Wambo, Blakefield, Glen Munro and Woodlands Hill seams of the Whittingham coal measures.

Bulga Underground was a longwall mining operation with a proud history as one of Australia's highest producing underground mines. Underground mining ceased in 2018.

#### Ownership

The Bulga complex is managed by Bulga Coal Management (BCM) on behalf of the Bulga Joint Venture, which comprises Saxonvale Coal Pty Ltd (87.5%) and Nippon Steel and Sumitomo Metal Australia Pty Ltd (12.5%).

Saxonvale Coal Pty Limited is 100% owned by Oakbridge Pty Limited. The ownership of Oakbridge is as follows:

- 78% Enex Oakbridge Pty Limited (ultimately 100% owned by Glencore)
- 15.2% JX Nippon Oil & Energy (Australia) Pty Limited
- 5.0% Tomen Panama Asset Management S.A
- · 1.8% JFE Shoji Trade Corporation



The Bulga Coal complex is located 15 kilometres southwest of Singleton, near the village of Broke, in New South Wales.



# Environmental Management

Bulga Coal has in place a number of initiatives to better manage impacts and reduce noise from existing operations, including:

- Real-time noise and air quality monitoring, both on site and in neighbouring villages;
- A dedicated noise and dust control centre, manned 24/7 to respond to real-time monitoring data;
- Compulsory dust and noise management education for employees;
- Construction of a noise and visual bund between the community and our open cut operation. The landscaped bund will reduce noise and visual impacts on the community;
- Progressive rehabilitation of the noise and visual bund with Central Hunter Grey Box – Ironbark Woodland Endangered Ecological Community.

#### Community

Bulga Coal supports its local communities through sponsorships, donations and in-kind support. We are actively involved in local schools and groups, including the Broke Fair and the Broke-Fordwich Wine Tourism Association.

A feature of the Bulga calendar are the regular community barbeques, which are used to discuss operations at our mines and strengthen relationships with our neighbours.

### **Biodiversity Offset Areas**

Bulga Coal is enhancing existing vegetation and restoring native endangered ecological communities at our offset areas:

- Reedy Valley (1,486 ha);
- Broke Road (241ha);
- Wollombi Brook Conservation Area (118ha);
- Condran Offset Area (50 ha).

# Rehabilitation at Bulga Coal

We are rehabilitating 2,500 hectares over the life of our mine with the following endangered ecological communities:

- 2,200 ha of Central Hunter Grey Box Ironbark Woodland:
- 250 ha of Central Hunter Ironbark Spotted Gum -Grey Box Forest;
- 50 ha of Central Hunter Swamp Oak Forest.



BHP granted approval to mine coal at what was then known as the Saxonvale Mine located east of Broke Rd.

Bulga Coal gained approval to also mine east of Broke Rd at rate of 5.2 Mtpa.

A coal exploration licence was granted over the Fordwich Vineyard area west of the existing mining leases.

Approval was granted to underground mine up to four seams out until 2031. The Beltana Underground commenced in the Whybrow seam in 2003 and finished in 2011.

The Bulga Optimisation Project was approved, with no change to the mining rate (12.2Mtpa), out until 2035.

Mining the Blakefield South mine was completed and underground workings were sealed.

Oakbridge (majority owned by Glencore) purchased the Saxonvale Mine and the lease to the north forming the entity now known as Bulga Coal.

Underground mining commenced within the Bulga Complex at South Bulga.

In 1999 approval to continue underground operations within the mining lease at a rate of 12.2 Mtpa out until 2025.

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Underground Mining commenced in the Blakefield Seam in 2010 and will continue until approximately 2023.

In 2015 it was announced that **Underground Mining** of Blakefield North will be put on hold.

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