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Boral Linwood Quarry Community News May 2025

The Boral Linwood Quarry, positioned within one of Adelaide and South Australia's most important sources of hard rock, has been providing aggregates since 1882. The Quarry employs 26 full time staff and provides work for up to 80 contractors and transport workers.

Welcome Andrew

Our new Quarry Manager Andrew Geue has brought a lifetime of experience to Boral's Linwood Quarry. Andrew is a tertiary qualified Operations/Project Manager with over thirty years of solid experience in mining, quarries and civil construction. He is particularly interested in the development and implementation of safety systems in the workplace, one of Boral's core values.

Andrew also has a strong track record in optimizing commercial and business activities, and we are already seeing the changes he has made at the quarry, with new additions to the team and streamlined processes at the site. He has been a member of the Institute of Quarrying Australia (IQA) for over 20 years and a member of the South Australian IQA State Committee for the last 13 years.

A Linwood local he has lived in the region for over 25 years, he enjoys staying fit and active and is also a keen traveller.



Rehabilitation

We have been busy on-site doing rehabilitation works at the site of our old entrance and an additional area of the quarry that is no longer in use. These rehabilitation works will help further screen the site for neighbours and people travelling past. The areas have been filled and reshaped into a more natural landform, and we will be undertaking planting of native vegetation in June 2025.





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Site visit regulator and local MP

We were pleased to host a recent visit for Mr Alex Dighton MP the Member for Black as well as representatives from the Department for Energy and Mines. Mr Dighton was very keen to learn more about our operations, how we extract and process our resources. He was particularly interested to see what mitigation measures we have in place to minimise impacts on the nearby community.

Did you know?

Each year, the building and construction industry needs more than 200 million tonnes of quarry materials.

- Every Australian requires 8 tonnes of stone, sand and gravel every year to build the roads, houses and other infrastructure we all need.
- To build an average new house we use about 110 tonnes of construction aggregates and 53 cubic metres of concrete.
- To build one kilometre of two-lane highway requires about 140,000 tonnes (or 400 truckloads) of construction aggregates.

Some information on blasting

Blasting is done weekly at Linwood Quarry, usually on a Wednesday. Blasting is very precise practice; each blast is designed and carried out by an independent third-party blast expert. A blast design is generated and is a carefully planned operation that involves drilling into the rock in a specified pattern, then placing a very precise amount of explosive in the holes. The explosives are then detonated in a precise sequence, designed to maximise the efficiency of rock breakage while minimising noise, vibration and dust. One of the advantages of blasting is that it reduces the need to operate large heavy equipment to extract the rock, in turn reducing noise and greenhouse gas emissions.

Strict national safety regulations apply to protect neighbouring homes, buildings and public places from the potential effects of blasting. Blasts are monitored at different locations at Linwood Quarry with sensitive ground and air vibration equipment to ensure they remain within regulations.

Linwood Quarry maintains a blast register and notifies interested persons when blasting activities will occur. If you would like to join the register, please send an email to community@boral.com.au with your contact details (email and mobile) and specify it is for Linwood Quarry.

Dust – mitigation and monitoring

The management of dust emissions is a daily priority for quarry operators and management. The generation of dust at Linwood is greatly influenced by the coastal location of the quarry and local weather conditions, and a standard daily management practice is to discuss the forecast weather and dust controls at the start of every shift with the site team. The function of dust engineering controls is confirmed, and procedural controls may be implemented according to the forecasted weather conditions.

Dust monitoring 'stations' have been established around the quarrying operations. These include five static deposition monitors, five directional monitors, three weather stations, and three state-of-the-art dichotomous samplers (TEOM's) which measure particulate matter 'PM10', 'PM2.5' in the

atmosphere. The TEOM system provides site personnel with real-time data and an alerting function is used to manage the timing of operational activities which allows the Quarry Manager to make informed decisions during operations and curtail or cease operations during adverse wind and weather conditions, as required. The system also allows the site to identify background levels and off-site sources and is frequently referenced against local EPA monitors.

Under the South Australian Environment Protection (Air Quality) Policy the 24-hour average for PM10 in the atmosphere should be below 50 micrograms per cubic metre of air ($50 \mu\text{g}/\text{m}^3$).

A reminder that we provide public access to details of the 24-hour average PM10 readings at each of the TEOM's, the information is updated daily and is available at www.boral.com.au/linwood.



Site Operating Hours

The approved Mine operation plan allows the following hours of operation:

Activity	Times	Days
Drill and blasting	7:00 am - 5.00 pm	Monday to Saturday
Load and haul operations	7:00 am - 10.00 pm 7:00am - 4.00 pm	Monday to Friday Saturday
Crushing and Screening and Pugmill	7.00 am – 10.00 pm	Monday - Sunday
Concrete batching plant, sales and freight distribution	24 hours per day	Monday - Sunday

Maintenance activities may be conducted outside of the standard operating hours.



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Fact sheet

To assist our neighbours in understanding what we do at the quarry and how we manage our operations, we have developed a comprehensive information sheet for our Linwood site.

It is available on our website www.boral.com.au/linwood and we encourage you to look at the document to understand more about what we do each day.

How to contact us

We are continuously improving processes at our site and Boral welcomes feedback from the community regarding our operations. If you would like to contact us at any time, please email community@boral.com.au

Community Open Day

Boral would like to welcome our neighbours to visit the site for our community open day.

Event Details

- **Date:** Saturday, 31 May 2025
- **Time:** Commencing at 9am
- **Location:** Linwood Quarry

Highlights

- Tour of the quarry
- Meet and greet with the team
- Learn about our equipment on site

Numbers are limited so if you would like to attend, please email your details and the number of people in your group to kate.woodbridge@boral.com.au to secure your place.

