



Bunyip North Quarry Project

Environment Effects Statement Pre-Exhibition |
Frequently Asked Questions

06.09.2026



Key Themes within Frequently Asked Questions

Following our pre-exhibition webinar on 3 September 2026, questions received from the community prior to or during the webinar have been collated into key themes. The key themes within these questions included:

- General Queries
- Traffic
- Aquatic and Terrestrial Ecology
- Water
- Dust and Amenity
- Economics, Social, Post Quarrying Land Use
- Blasting, Vibration and Noise

Key Theme: General Queries

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I missed the pre-exhibition webinar event. How can I access the information that was shared?

The pre-exhibition webinar event was held on Thursday 3rd September at 2:00 pm, online. The webinar was recorded and is uploaded on the Heidelberg Materials Australia Website, along with the slide content. This will be available on the Heidelberg Materials Australia Website for the duration of the exhibition of the Bunyip North Quarry Project. To access the webinar, please visit <https://www.heidelbergmaterials.com.au/en/community-information/bunyip-north-quarry>

Further information can be found at:

- Bunyip North Quarry Pre-Exhibition Webinar Information on the Heidelberg Materials Australia Website, <https://www.heidelbergmaterials.com.au/en/community-information/bunyip-north-quarry>
- Or contact community.bunyipnorth@aus.heidelbergmaterials.com





How can I access the full EES?

I have heard there will be a charge for the EES to be printed out and mailed to me. How much will this cost?

There are a number of ways to access the complete EES. The complete EES will be available to view and download online at: <https://www.heidelbergmaterials.com.au/en/community-information/bunyip-north-quarry>

The EES information packs will be available from 9am Monday 7 September at:

- ☐ Cardinia Shire Council Office Building: 20 Siding Ave, Officer VIC 3809
- ☐ Pakenham Library: Cnr John St &, Henry St, Pakenham VIC 3810

You can request an EES information pack free of charge. The pack contains:

- ☐ USB loaded with the complete EES, draft PSA, and development licence application
- ☐ Printed EES Executive Summary document
- ☐ Printed non-technical EES summary

Hard copies of the pack will be available to collect at

- ☐ Cardinia Shire Council Office Building: 20 Siding Ave, Officer VIC 3809
- ☐ Pakenham Library: Cnr John St &, Henry St, Pakenham VIC 3810

Or can be requested from Heidelberg Materials Australia by phoning 03 9274 3700 or emailing community.bunyipnorth@aus.heidelbergmaterials.com

The total cost of postage will depend upon your Postcode and is dependent on the volume of copies requested.

The cost for printing of the EES is expected to be approximately \$1750 and could take up to a week to deliver. Please contact us for a quote.

Further information can be found at:

- **Bunyip North Quarry Pre-Exhibition Webinar Information on the Heidelberg Materials Australia Website, <https://www.heidelbergmaterials.com.au/en/community-information/bunyip-north-quarry>**
- **Contact community.bunyipnorth@aus.heidelbergmaterials.com**

How will the in-person exhibition event work on the 17th September?

What if I can't access a technical specialist I would like to speak with due to no bookings being available?

On 17th September, we will host an in-person exhibition event at the Bunyip Hall, from 5:30 pm – 7:30 pm.

Event Format:

- In person, one-on one 15 minute session
- Book a session with a specific technical specialist to clarify technical aspects of the EES and ask any questions you may have regarding the environmental aspect
- Bookings are essential. Attending without a booking will mean that there will not be a technical specialist available for you to speak with. You can book using the EventBrite link on the Heidelberg Materials Australia Website: <https://www.heidelbergmaterials.com.au/en/community-information/bunyip-north-quarry>
- Bookings will be limited to 15 minutes and bookings will be available from early next week. For further information, please contact community.bunyipnorth@aus.heidelbergmaterials.com

If event sessions fill up, we will make every effort to ensure that additional technical specialists, or an alternative solution is available. If you are unable to make a booking with your preferred technical specialist, please contact us at community.bunyipnorth@aus.heidelbergmaterials.com. We will try to arrange a suitable alternative.

Further information can be found at:

- Bunyip North Quarry Pre-Exhibition Webinar Information on the Heidelberg Materials Australia Website, <https://www.heidelbergmaterials.com.au/en/community-information/bunyip-north-quarry>
- Or contact: community.bunyipnorth@aus.heidelbergmaterials.com



Key Theme: Traffic

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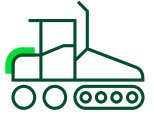
Has Heidelberg Materials undertaken a whole-of-network assessment that includes cumulative impacts on local roads leading to the Princes Freeway and other freight routes, and can it demonstrate that every affected Council road authority has agreed that the proposed mitigation and funding arrangements are adequate. In particular is there assurance that binding commitments exist with HMA to ensure that the full cost of infrastructure works and future maintenance are borne by the quarry operator rather than by Cardinia ratepayers or Victorian taxpayers?

- Please refer to Technical Report G: Traffic Impact Assessment, and Section 4: which outlines the extent of the road network assessed relevant to the BNQ traffic impact assessment and agreed by relevant regulatory agencies.
- Please refer to Chapter 23: Environmental Management Framework, and Section 23.6 (Table 23-4): which outlines the list of mitigations measures, including the road works committed to be undertaken by HMA:
 - *MM-T05 (Operational traffic management plan):operational aspects to the TMP would include*
 - *Details in relation to the Tonimbuk Road/ Princes Highway/ Hope Street intersection, including:*
 - *A package of physical traffic management works at the intersection to support the requirements...*
 - *A package of additional works at the intersection to upgrade geometric deficiencies*
 - *Details of required road widening and upgrades to accommodate additional traffic or oversize vehicles*

For Further Information:

- **Technical Report G: Traffic Impact Assessment**
- **Chapter 23: Environmental Management Framework**





If actual truck numbers, axle loads or maintenance costs exceed the EES forecasts, what enforceable mechanism will require Heidelberg Materials to fund additional road upgrades, safety works and maintenance without the need for Council to seek additional funding?

Please refer to Chapter 23: Environmental Management Framework, and Section 23.6 (Table 23-4) which outlines the list of mitigations measures committed to by HMA.

This includes the following which makes it clear that the Traffic Management Plan (TMP) will specify the limit on vehicle movements and agreement for maintenance:

- *MM-T05 (Operational Traffic Management Plan):operational aspects to the TMP would include:*
 - *Details of materials sales rates and haulage operational details (hours/times of operation, annual sales volume limits, expected haulage vehicles movement volumes and vehicle tonnage limits etc.);*
 - *Identification and assessment of the road and associated infrastructure at risk from damage, deterioration or dilapidation arising from the construction and operation of the quarry;*
 - *A program to rehabilitate existing roads and infrastructure to a safe and usable condition during construction and operation, and at the closure of the quarry;*
 - *A requirement to enter into agreements with the relevant road authority regarding ongoing pavement maintenance prior to the commencement of the operation of the Project*

For Further Information:

- **Chapter 23: Environmental Management Framework**



Key Theme: Aquatic and Terrestrial Ecology

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What do you intend to do about the native wildlife such as the 100's of kangaroos – will you be shooting them or pushing them out onto neighbouring properties?

Please refer to Technical Report A: Terrestrial Ecological Impact Assessment, and Section 9.1.2.1: which outlines the scope for the development and implementation of a Biodiversity Management Plan.

The objective of the project controls includes minimising risk of harm so far as reasonably practicable to transient native fauna (including kangaroos) and allow connectivity between site and surrounding remnant native vegetation patches, including Mount Cannibal Reserve.

For Further Information:

- **Technical Report A: Terrestrial Ecological Impact Assessment**





How has the presence of the deer herd on the property been considered, and what management measures are proposed as part of the project?

Please refer to Technical Report A: Terrestrial Ecological Impact Assessment, and Section 9.1.2.1: which outlines the scope for the development and implementation of a Weed and Pest Animal Management Plan.

This will outline the management measures able to be undertaken on BNQ land to ensure deer (and pest animals) are controlled in accordance with relevant legislation.

For Further Information:

- **Technical Report A: Terrestrial Ecological Impact Assessment**



Key Theme: Water

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How will you prevent the underground springs from drying up and affecting neighbourhood properties who rely on them to keep our pastures green and fertile?

Please refer to Technical Report C – Groundwater Impact Assessment:

- Section 5.5.6 and 6.6 which outlines the interpretation of existing conditions, including interactions with surface water bodies.
- Section 8.2.4.1 (including Figure A19 and A20) outlines the extent of predicted drawdown for key stages of BNQ development.

Please refer to Chapter 23: Environmental Management Framework, and Section 23.6 (Table 23-4): which outlines the list of mitigations measures committed to by HMA including:

- *MM-GW01 (Alternative water supply): Supply of alternative water for farm properties to the north of the pit in or around Year 20 of operations, if impacts are predicted on the basis of updated groundwater modelling (MM-GW02).*

For Further Information:

- **Technical Report C – Groundwater Impact Assessment**
- **Chapter 23: Environmental Management Framework**



Key Theme: Dust and Amenity

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How have you addressed the silica dust blowing across Bunyip township and it's quite large population when dust suppression doesn't appear to work very effectively at the Tynong quarry especially in dry weather?

Please refer to Technical Report H – Air quality impact assessment: Section 7.4.5 which outlines the scope of the respirable crystalline silica (RCS) assessment and modelling, with Section 7.5.6 presenting the predicted peak impact, with the following relevant statement:

...it can be seen that the predicted GLCs within each year including and excluding a background concentration of $0.4 \mu\text{g}/\text{m}^3$, did not exceed the RCS annual APAC of $3 \mu\text{g}/\text{m}^3$...

For Further Information:

- **Technical Report H – Air quality impact assessment**





How will you protect the views from Mt Cannibal and the unsightly and potentially dangerous dust cloud that could affect our tourism industry in the area?

Please refer to Technical Report O: Landscape and visual impact assessment, and Section 8.3: which outlines the assessment on private residential properties.

Please refer to Chapter 23: Environmental Management Framework, and Section 23.6 (Table 23-4): which outlines the list of mitigations measures committed to by HMA including:

- *MM-LV02 (Screen planting – off-site): Screen planting will be undertaken to screen views of the quarry. Opportunities to plant screening vegetation prior to construction will be offered to eligible landholders who have dwellings within 4 kilometres of the overburden stockpile and direct line of site of the project. The plantings will be guided by an off-site landscaping plan/schedule outlined in the site's Rehabilitation Plan which will be developed and agreed by eligible landholders prior to commencement of works...*

For Further Information:

- **Technical Report O: Landscape and visual impact assessment**



Key Theme: Economics, Social, Post-Quarrying Land Use

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How will you protect our property valuations? They will, undoubtedly, drop significantly in value should the quarry be approved. People in the area who have put properties up for sale have to disclose the potential quarry and it makes properties near unsaleable that border it already

The assessment of property/land value and any potential changes is not required to be considered in the BNQ EES.



Key Theme: Blasting, Vibration and Noise

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How will neighbours be notified of blasting particularly with a number of horse properties in close proximity?



Please refer to Chapter 23: Environmental Management Framework, and Section 23.6 (Table 23-4): which outlines the list of mitigations measures committed to by HMA, including:

- *MM-BV05 (Blast notification): Provide personal notification of scheduled blast dates and estimated firing times to residents who have subscribed to receive such notifications. Notifications will be sent via SMS, email or a phone call one to two days prior to blasting. Blast notification will be offered by HMA to all members of the Bunyip North and broader community*

For Further Information:

- **Chapter 23: Environmental Management Framework**





I have concern over the huge rocks/boulders at the top of Mt Cannibal coming loose with blasting.

The quarry in Tynong North already shakes our house and has caused cracks in our concrete so I am worried the blasting may loosen the huge rocks at the top of Mt Cannibal causing them to roll down the hill to neighbouring properties and crushing someone or something (house). What guarantees and or mitigation strategies do you have in place to prevent such an occurrence?

Please refer to Technical Report J: Blast Impact Assessment, and Section 14.2.5 (Risk to stability of granite outcrops on Mount Cannibal). The section specifically assesses the stability of granite boulders from blasting at BNQ, noting the following:

To shift a roughly symmetrical 1m diameter boulder resting on the surface, the peak surface displacement must be at least 500mm (500,000 microns). Such levels of displacement could occur from a moderate to large earthquake of Magnitude 6 or greater with PPV equivalent >90 mm/s but would not result from a quarry blast fired over one kilometre away with a maximum PPV of 1 mm/s.

For Further Information:

- **Technical Report J: Blast Impact Assessment**





Where will the crushing plant be located and how will you protect neighbours from noise?

Please refer to Chapter 4: Project Description, and Section 4.5.4: which outlines the location and components to the process plant.

Please refer to Chapter 23: Environmental Management Framework, and Section 23.6 (Table 23-4): which outlines the list of mitigations measures including:

- *MM-NV06 (Enclose fixed plant): Enclose fixed plant buildings constructed for the full production stage via cladding on all sides to the ground and a solid roof, with gaps minimised as far as practicable, particularly at the base of the structure, and at points where conveyors enter or exit buildings...*
- *MM-NV07 (Seal penetrations on the Secondary Crusher and Screen buildings): Seal any openings where conveyor belts access the Secondary Crusher and Screen buildings. This may be achieved by enclosing a portion of the conveyor (for example, 1-2 m from the opening) and sealing the enclosed section to the building. The enclosure should be constructed from a material achieving a sound insulation rating of R_w 31 (for example, 9 mm thick compressed fibre cement sheet), and any gaps should be sealed with a flexible sealant...*

For Further Information:

- **Chapter 4: Project Description**
- **Chapter 23: Environmental Management Framework**





Where can I find more Information?

- For further information, please contact community.bunyipnorth@aus.heidelbergmaterials.com
- Heidelberg Materials Australia
Website: <https://www.heidelbergmaterials.com.au/en/community-information/bunyip-north-quarry>



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