



Ardmore Park Quarry

Proposed Blasting Modification

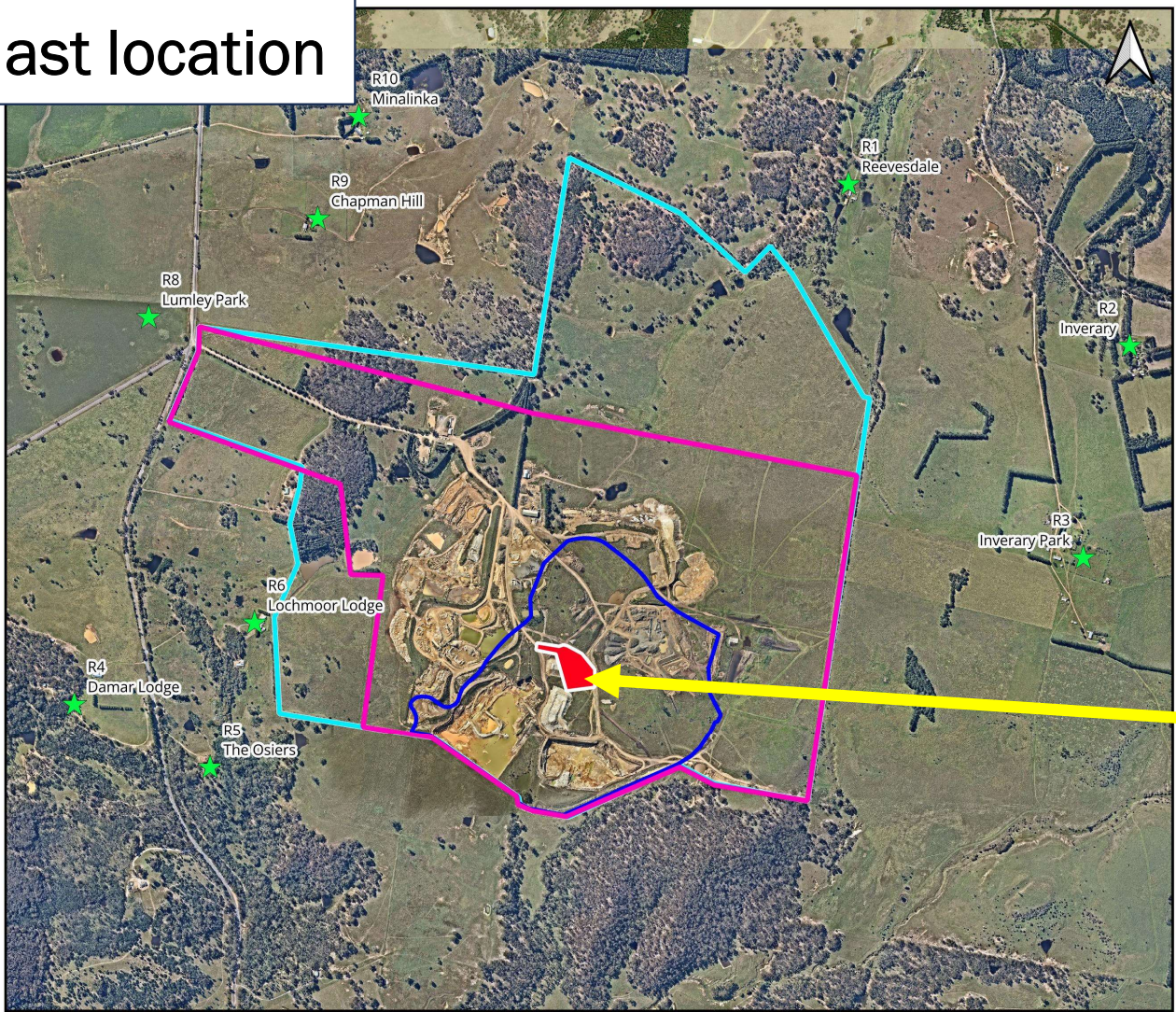
Why blasting is needed

- A few locations have been found to have rock that is too hard to excavate using current methods.
- A trial using a 70-tonne rock hammer was noisy and ineffective.
- Blasting is a more efficient and produces shorter noise events.

What is proposed

- Blasting at locations within the existing approved quarry area.
- Only as required – not daily or weekly. This is the first time since starting operation this situation has arisen
- Carried out by licensed contractors (e.g. Precision Drill & Blast)
- No change to:
 - Extraction quantity or area
 - Operating hours
 - Truck movements
 - Water use or vegetation clearing

First blast location



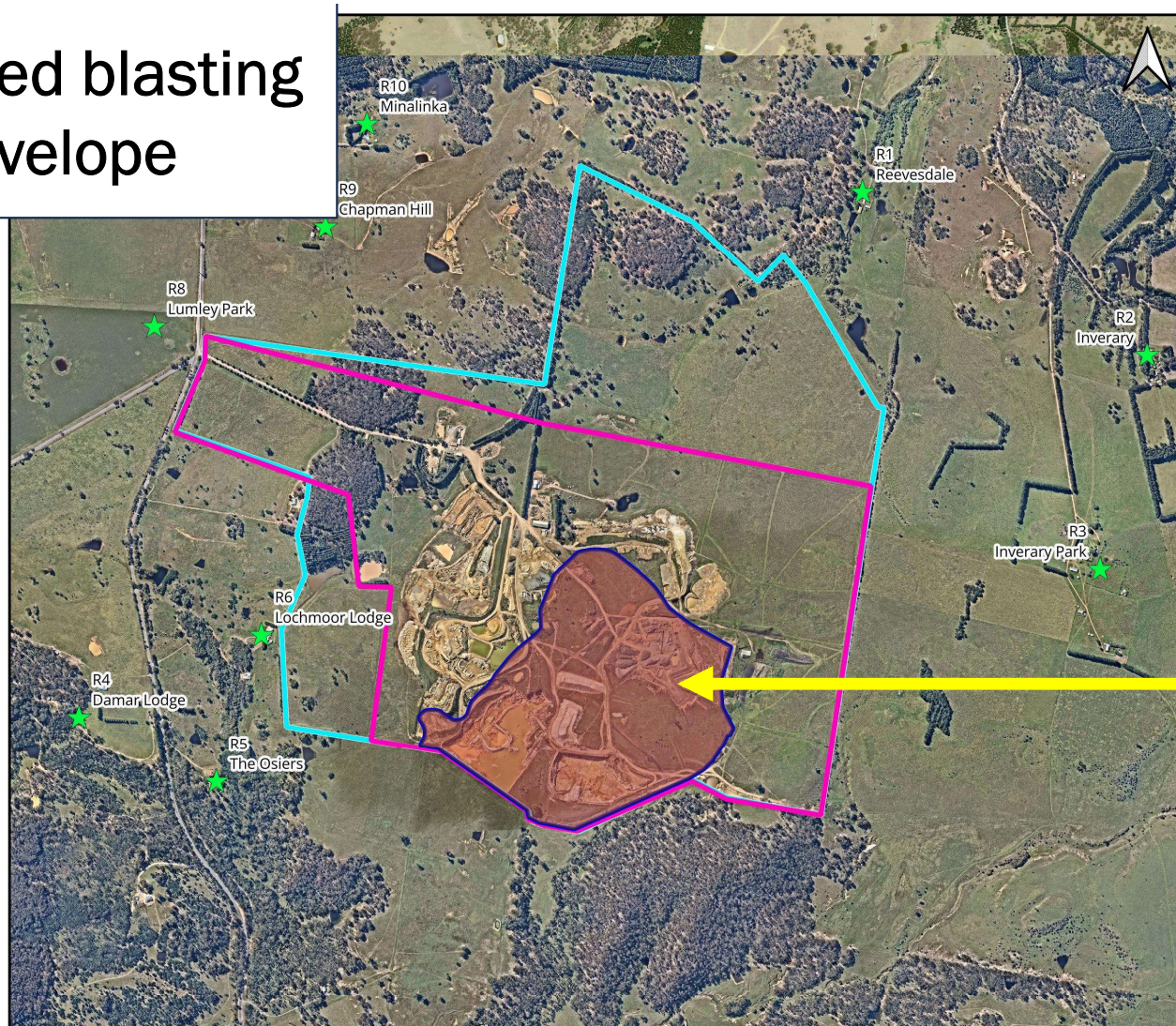
Proposed blasting

Legend:

- ★ Residential Receivers
- Project boundary
- Blasting location
- Extraction Area (Mod3)
- ArdmoreBoundary

Area where hard
rock has been
encountered

Proposed blasting envelope



Proposed Blasting Area

Legend:

- Proposed Blasting Area
- Approved Extraction Area
- Residential Receivers
- Project Boundary
- ArdmoreBoundary

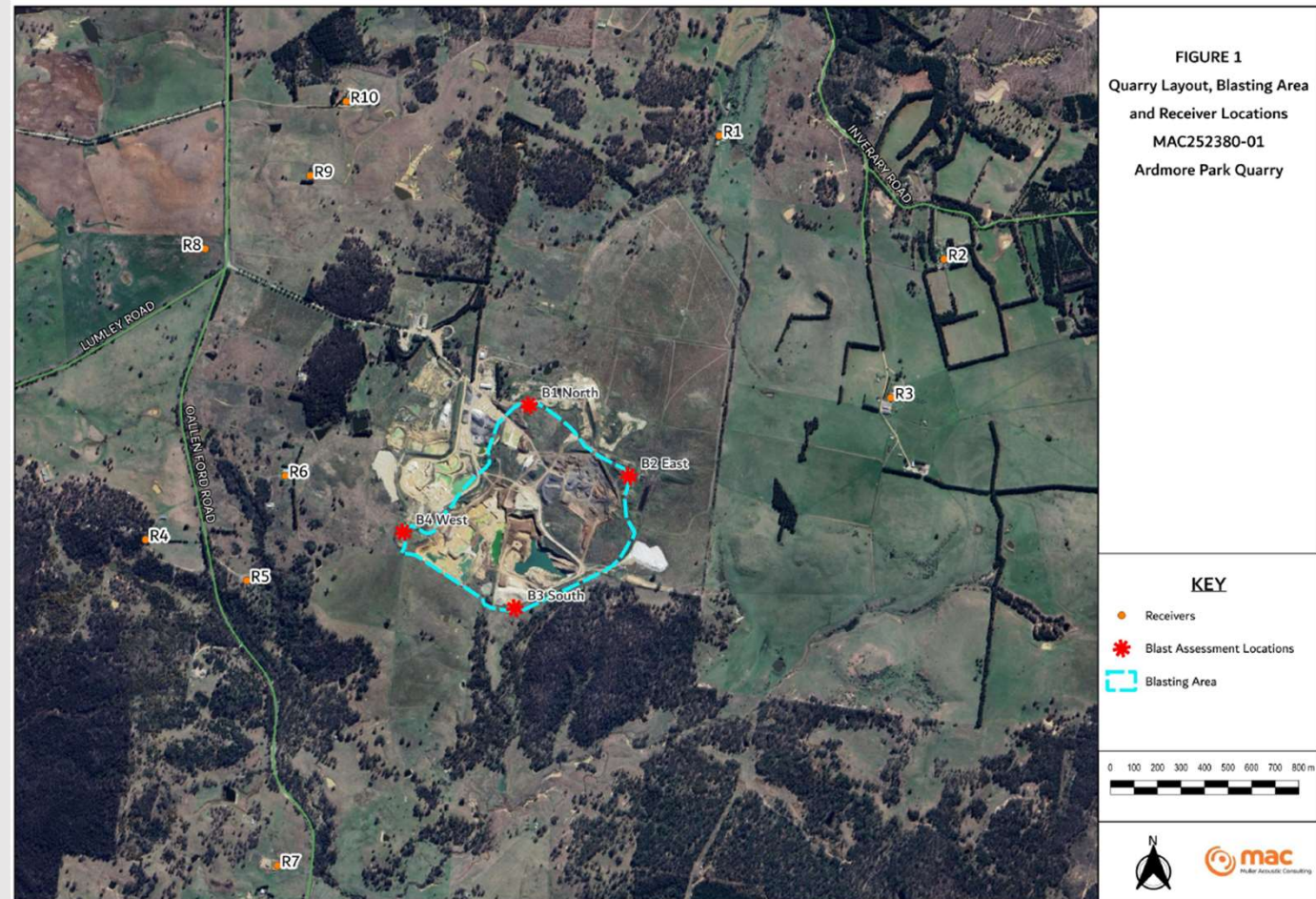
Area where discrete blasting events would be allowed to occur in future if similar geological formations are encountered

Approvals process

- Modification lodged under Section 4.55(2) of the EP&A Act
- Includes technical studies:
 - Blasting Impact Assessment
- Must comply with:
 - Development Consent conditions (conditions will likely be varied following the modification. Likely to include blast specific monitoring / reporting requirements)
 - Environment Protection Licence
 - NSW blasting standards (AS2187.2, ANZEC)

Blasting Impact assessment

- Ten nearby residential properties were assessed, including:
 - R1 - Reevesdale,
 - R2 - Inverary,
 - R3 - Inverary Park,
 - R4 - Damar Lodge,
 - R5 - The Osiers,
 - R6 - Lochmoor Lodge,
 - R8 - Lumley Park,
 - R9 - Chapman Hill,
 - R10 Minalinka, and a
 - Residence at 4873 Oallen Ford Road.



Key findings

- No predicted structural damage to homes or infrastructure.
- Noise and vibration within safe and regulatory limits.
- Western area blasts will use smaller charges due to the proximity to residences.
- Ongoing monitoring will ensure compliance.

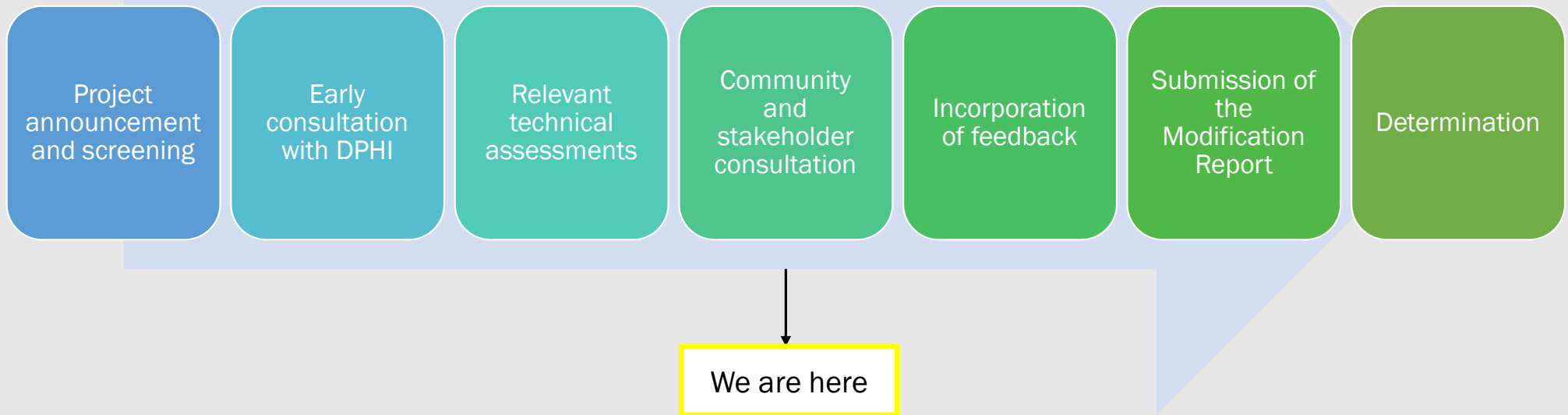
How impacts will be managed

- Offer dilapidation reports to nearby residents prior to initial blast.
- Monitor every blast for noise and vibration.
- Use small, controlled charges to minimise dust and flyrock.
- All works managed by licensed professionals.
- Blasting only during daytime within permitted operating hours.

Keeping the Community Informed

- Advance notice before every blast.
- Real-time monitoring and reporting.
- Results shared with regulators.
- Dedicated contact point for questions or concerns.

Feedback and next steps



We're currently consulting with:

- Community
- DPHI (completed)
- EPA
- Council

Feedback and next steps

- Individual Consultation Sessions:
 - MQ are intending to reach out to each of the neighbouring landowners for further individual consultation.
 - If you would like to meet with us one-on-one to obtain further information and provide feedback, please let us know following this presentation so that we can obtain your details.
- A copy of the Blasting Assessment will be available for review during these sessions.

Questions and discussion

We welcome your thoughts and questions.

Contact: hello@4pillars.com.au or [+61 2 8313 7054](tel:+61283137054)