

# Minimising Noise

## Information Sheet

### Minimising Noise

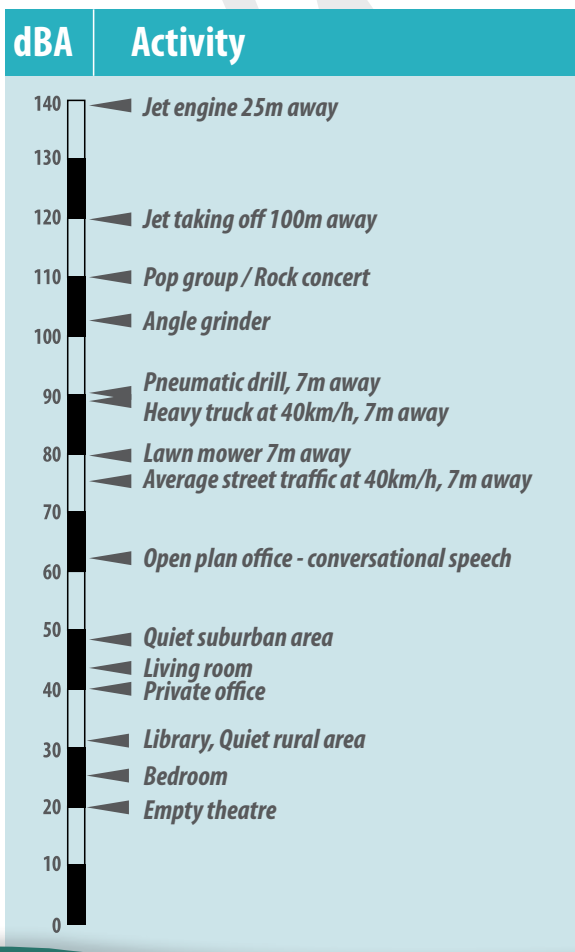
We know that noise is an important issue to people in our community and have amended the design of the Rocky Hill Coal Project to minimise and effectively manage noise and vibration impacts.

### Impacts on noise

The areas surrounding the Site are relatively quiet. Noise is currently generated from sources such as traffic on local roads and The Bucketts Way, trains, lawn mowers, tractors, stock, birds, the saw mill and occasional aircraft using the local airfield.

### How loud are various noises?

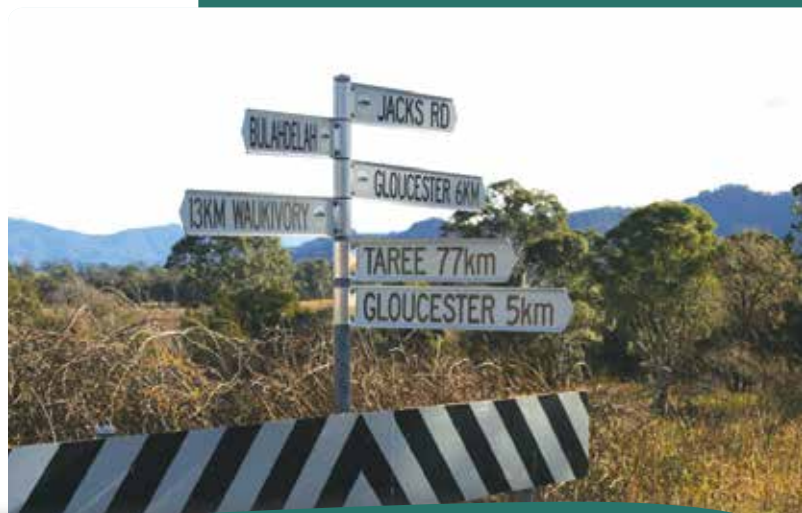
To help you to understand the predicted noise levels and the criteria which will apply to the Rocky Hill Coal Project, here are some common sounds and their typical or averaged noise levels.



### What measures are in place to reduce noise?

As part of the design for the amended Project, GRL has committed to adopting a range of design and noise management initiatives including:

- three barriers to shield noise-producing activities
- no night- time mining, i.e. no mining between 10pm and 7am
- use of a predictive meteorological forecasting system to assist day-to-day mine planning and operations
- use of real-time noise monitoring to give advance warning of possible noise issues and allow us to reduce or re-position equipment
- using sound-suppressed mining equipment
- locating the sealed private haul road away from private residences. The road will have low gradients and a 60km/hour speed limit to reduce noise.
- Blasts will be individually designed to satisfy the Environmental Pollution Authority's conservative human comfort criteria at the nearest privately-owned residence.



### More Information

This project information sheet is one of a number developed on topics that the community has told us are of importance to them. For more information about the Project and copies of other sheets please visit [www.rockyhillproject.com.au](http://www.rockyhillproject.com.au)

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