



**airportlink**  
 northernbusway  
 windsor to kedron  
 airport roundabout upgrade



**COMMUNITY FACT SHEET  
 CONTROLLED DRILLING & BLASTING**

October 2008



**What is controlled drilling & blasting and why is it used?**

Hard rock lies in a number of areas where tunneling and other construction activities will be undertaken for the Airport Link and Northern Busway (Windsor to Kedron) Projects. In order to effectively remove this material and make way for tunneling work, drilling and blasting becomes necessary to loosen the hard rock.

Drilling and blasting is a common excavation technique used in both tunneling and construction work.

**What can I expect to hear/see/feel?**

The site will be secured with signed fencing prior to commencement of controlled drilling and blasting work. Passers-by will not be in a position to see this work being carried out.

Each controlled blast is expected to sound like a loud 'pop' and will only last a couple of seconds. Prior to each blast, the area will be made secure and a warning siren sounded.

Residents and business owners within 250m of the site can expect to hear noises and may experience minor vibrations relating to the controlled drilling and blasting work. Each blast is unlikely to be noticeable beyond this distance.

**Is controlled drilling & blasting safe?**

Yes. This work will strictly comply with the vibration guidelines set down by the Queensland Government's Coordinator-General.

Each blast will be carried out by a licensed blasting contractor and will be designed, independently reviewed and monitored for vibration to ensure all work undertaken is within regulated limits.

All work will be coordinated with relevant government agencies, with approval sought from the Brisbane City Council and notification given to the Department of Mines and Energy.

**How is controlled drilling & blasting performed?**

Small diameter holes are drilled into the rock in a predetermined pattern and are then filled with explosive materials. Each hole is then backfilled with small crushed stone and the area covered with a heavy blast mat. When activated, the materials create a blast that loosens the rock so that it can be more easily excavated. The blasting materials will remain under the supervision of a licensed blasting contractor at all times on site and will not be stored on site.

**When will this controlled excavation be performed?**

Controlled drilling and blasting activities are expected to take no more than half an hour in total in the morning and/or the afternoon (or approximately one hour per day in total). The activities will be performed between 6.30am and 6.30pm Monday to Saturday commencing October 2008. Residents within close proximity to the activity will be notified one month in advance via letterbox notices. Reminders will also be distributed one week prior.

For further information please contact our Community Relations team:

**24 Hour** (freecall)  
 Community Hotline:  
 or contactus@tjh.com.au

**1800 721 783**

[www.brisconnections.com.au](http://www.brisconnections.com.au)

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