

Jeffery and Katauskas Pty Ltd

CONSULTING GEOTECHNICAL AND ENVIRONMENTAL ENGINEERS
ABN 17 003 550 801



AS/NZS ISO 9001
Certified

Design Engineering Certification

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8 January, 2010
Ref: 22905SYLet

Frasers Property Australia Pty Ltd
L11, 488 Kent Street
Sydney NSW 2000

ATTENTION: Mr Michael Goldrick

Dear Sirs

IMPACT OF PROPOSED DEVELOPMENT ON PROPOSED CITY METRO TUNNELS
FRASERS BROADWAY REDEVELOPMENT
102-120 BROADWAY, SYDNEY, NSW

The proposed Frasers Broadway redevelopment will result in bulk excavation to about RL-2.6m that will extend to within about 6.5m to 7m from the alignment of the proposed City Metro tunnels. On the assumption that bulk excavation will be completed by late 2010, we consider that all stress relief induced movements in the surrounding rock mass resulting from bulk excavation will have finished prior to the commencement of tunnelling and that as a result bulk excavation will not adversely affect the proposed City Metro tunnels.

Similarly, should localised instability of the cut rock faces require stabilisation during construction using either temporary or permanent bolts/anchors these stabilisation methods will be completed prior to the commencement of tunnelling and will thus not adversely affect the proposed tunnels.

Should you require any further information regarding the above please do not hesitate to contact the undersigned.

Yours faithfully
For and on behalf of
JEFFERY AND KATAUSKAS PTY LTD

Woodie Theunissen
Associate



Principals: L J Speechley BE(Hons) MEngSc; P Stubbs BSc(Eng) MICE FGS; D Treweek DipTech; B F Walker BE DIC MSc.
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