

6 November 2014

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Re: Moolarben Coal Project (MCP) Stage 2 Preferred Project Report (PPR) – Additional information for privately owned lands assessment

Dear Mark,

We understand the Department of Planning & Environment has requested additional information relating to predicted noise impacts from the combined optimised Stage 1 and Stage 2 operations of the Moolarben Coal Project.

Specifically, clarification has been sought on whether privately owned land parcels are predicted to experience noise levels during the day, evening and night-time period of greater than or equal to 55 dB(A), 50 dB(A) and, 45 dB(A) $L_{eq(15-min)}$ on more than 25% of the land area, respectively.

The $L_{eq(15-min)}$ noise contours derived from all indicative operational stages for worst case weather conditions during the day, evening and night-time period are presented in Attachment A. The modelling method and assumptions detailed in the Noise and Vibration Impact Assessment, Moolarben Coal Project, Stage 1 Optimisation Modification (EMM 2013) and the Moolarben Coal Project (MCP), Stage 1 Optimisation Modification (MOD9), Noise and Vibration Impact Assessment Addendum (EMM 2013) have been reapplied for this process. The assumptions applied provide for a conservative assessment.

Attachment A contains three figures depicting the respective scenarios. The figures show that for privately owned land parcel 3 (property ID 32):

- the day-time period contour of 55 dB(A) is predicted to encroach on 2% of the land area;
- the evening period contour of 50 dB(A) is predicted to encroach on 12% of the land area; and
- the night-time period contour of 45 dB(A) is predicted to encroach on 34% of the land area.

We trust the preceding meets your current requirements. Please feel free to contact EMM should you wish to discuss further.

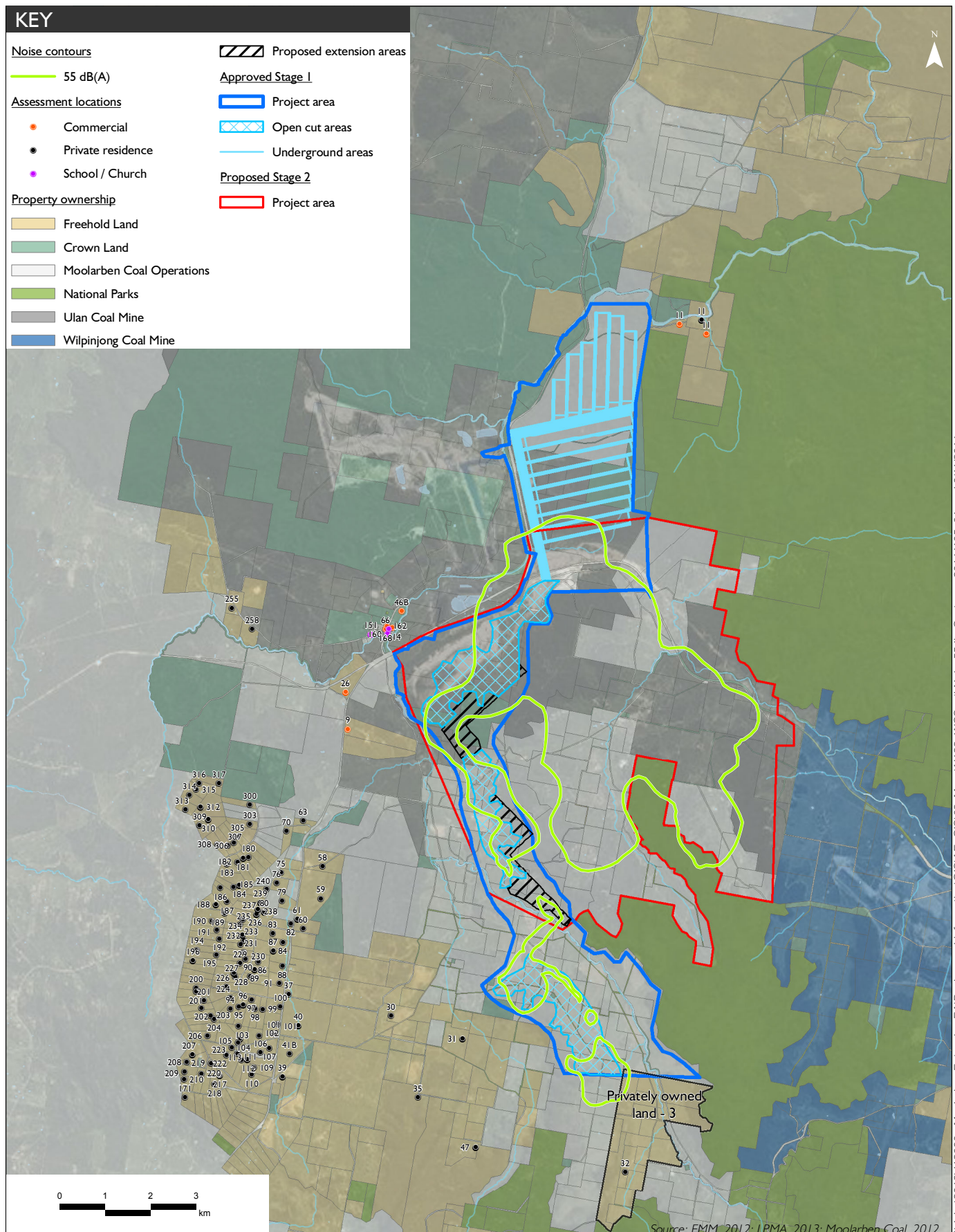
Yours sincerely

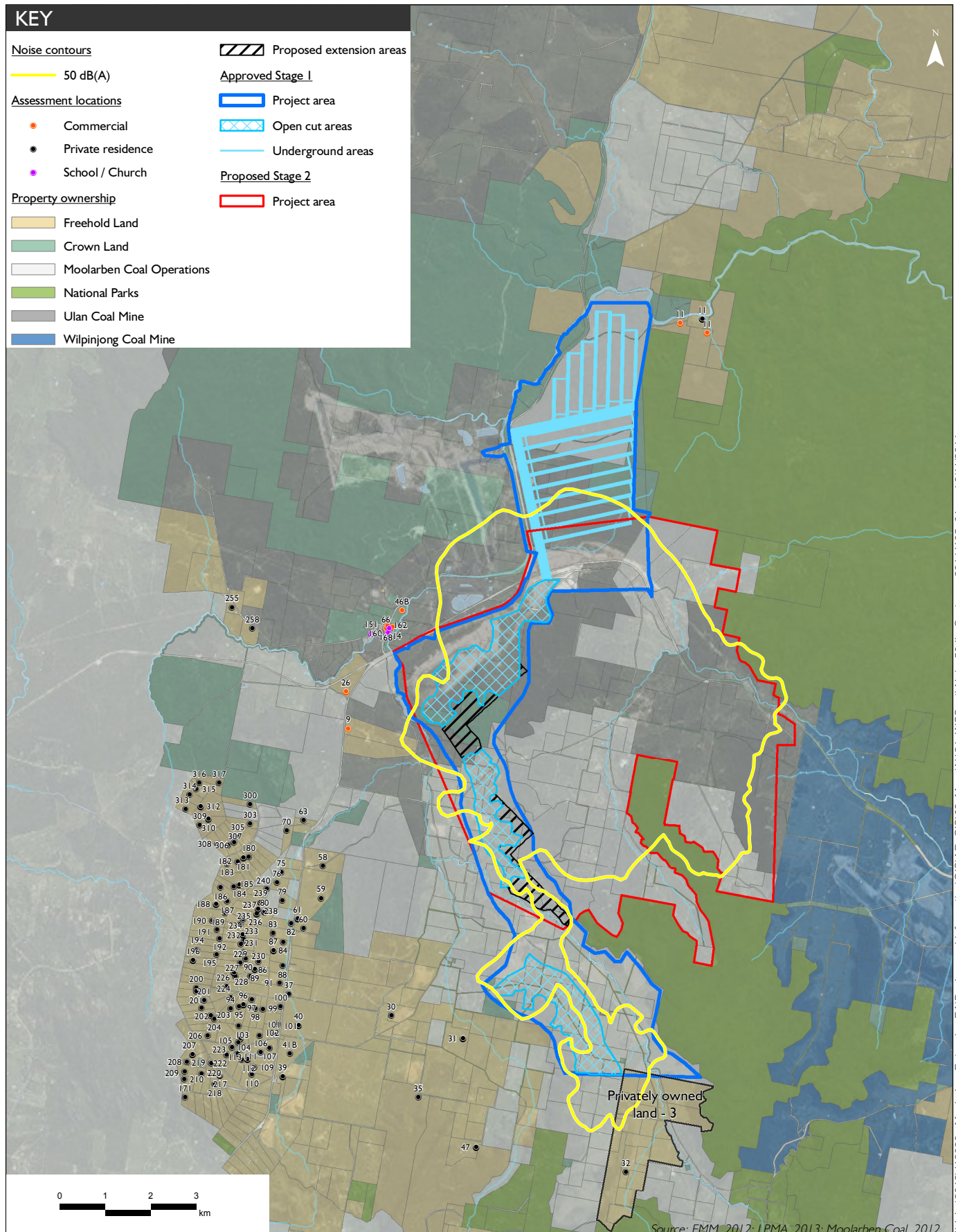


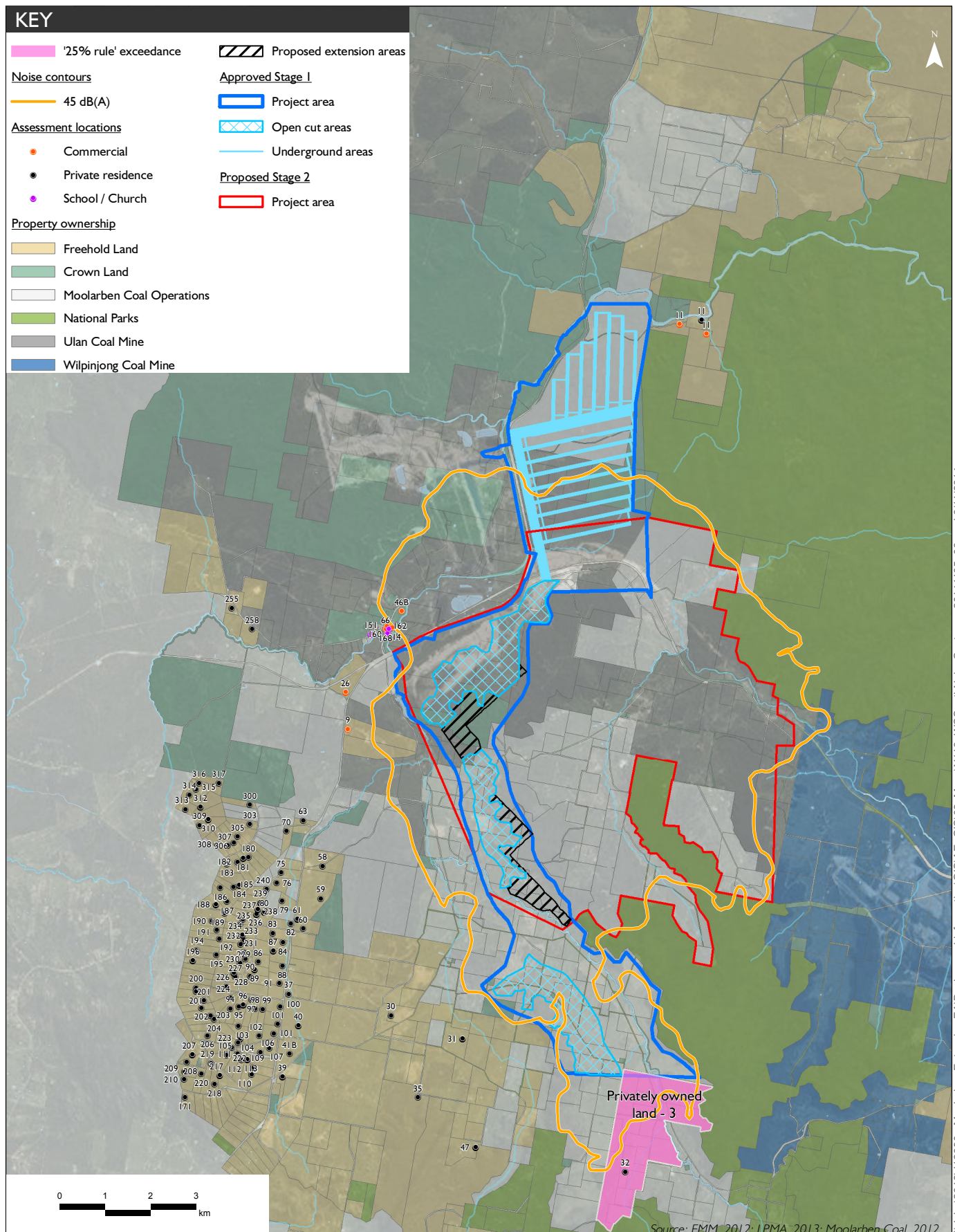
Daniel Weston
Senior Acoustic Engineer
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Reviewed by: Luke Stewart 6.11.14

Attachment A

Predicted noise levels on privately owned land parcels - day, evening and night







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