Figure B11
PREDICTED OPERATIONAL NOISE
CONTOURS: SCENARIO 2b UNDER NEUTRAL (Calm) CONDITIONS

REFERENCE
- Mine Site Boundary
- Indicative Limit of Underground Workings
- Pit Top Area Boundary
- Contour (m AHD)(Interval = 2m)
- Stream/Drainage Line
- Approved Disturbance within the Pit Top Area
- Area of Proposed Stage 2 Surface Disturbance

 Proposed Stage 2 All Weather Unsealed Access Road
 Proposed Stage 2 Power Line
 Proposed Stage 2 Power Line Advancing with Mine
 Proposed Stage 2 Access for Goaf Drainage
 Noise Generating Activity Reference
 R1
 Residential Receiver
 Noise Contour (dBA), Leq(15 minute)

SCALE 1:50 000

Base Map Source: Geo-spectrum (Australia) Pty Ltd
Note: A colour version of this figure is available on the Project CD
Figure B12
PREDICTED OPERATIONAL NOISE
CONTOURS: SCENARIO 2b UNDER MILD INVERSION (2°/100m) CONDITIONS

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Figure B13
PREDICTED OPERATIONAL NOISE
CONTOURS: SCENARIO 2b UNDER MODERATE INVERSION (4°/100m) CONDITIONS
NARRABRI COAL OPERATIONS PTY LTD
Narrabri Coal Mine - Stage 2 Longwall Project
Report No. 874/17

SPECIALIST CONSULTANT STUDIES
Part 6 - Noise and Vibration Impact Assessment

Figure B14
PREDICTED OPERATIONAL NOISE
CONTOURS: SCENARIO 2b UNDER SEVERE INVERSION (6*/100m) CONDITIONS

SCALE 1:50 000

Note: A colour version of this figure is available on the Project CD
Figure B16
PREDICTED OPERATIONAL NOISE CONTOURS: SCENARIO 3a UNDER NEUTRAL (Calm) CONDITIONS

Note: A colour version of this figure is available on the Project CD.
Figure B17
PREDICTED OPERATIONAL NOISE CONTOURS: SCENARIO 3a UNDER MILD INVERSION (2°/100m) CONDITIONS

SCALE 1:50 000

0.5 1.0 1.5 2.0 km

0.5 1.0 1.5 2.0 km

Base Map Source: Geo-spectrum (Australia) Pty Ltd

Note: A colour version of this figure is available on the Project CD
Figure B18
PREDICTED OPERATIONAL NOISE
CONTOURS: SCENARIO 3a UNDER MODERATE INVERSION (4°/100m) CONDITIONS

Note: A colour version of this figure is available on the Project CD
Figure B19
PREDICTED OPERATIONAL NOISE
CONTOURS: SCENARIO 3a UNDER SEVERE
INVERSION (6°/100m) CONDITIONS
Figure B20

PREDICTED OPERATIONAL NOISE

CONTOURS: SCENARIO 3a UNDER
SOUTHEAST WIND CONDITIONS
Figure B21
PREDICTED OPERATIONAL NOISE CONTOURS: SCENARIO 3b UNDER NEUTRAL (Calm) CONDITIONS

REFERENCE
Mine Site Boundary
Indicative Limit of Underground Workings
Pit Top Area Boundary
Cadastral Boundary
Contour (m AHD)(Interval = 2m)
Creek / Drainage Line
Approved Disturbance within the Pit Top Area
Area of Proposed Stage 2 Surface Disturbance

Proposed Stage 2 All Weather Unsealed Access Road
Proposed Stage 2 Power Line
Proposed Stage 2 Power Line Advancing with Mine
Proposed Stage 2 Access for Goaf Drainage
Noise Generating Activity Reference
Residential Receiver
Noise Contour (dB(A)), LAeq(15 minute)

SCALE 1:50 000

Note: A colour version of this figure is available on the Project CD

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Figure B23
PREDICTED OPERATIONAL NOISE CONTOURS: SCENARIO 3b UNDER MODERATE INVERSION (4°/100m) CONDITIONS
Figure B24
PREDICTED OPERATIONAL NOISE
CONTOURS: SCENARIO 3b UNDER SEVERE INVERSION (6°/100m) CONDITIONS

Scale 1:50 000

Note: A colour version of this figure is available on the Project C3
Figure B25
PREDICTED OPERATIONAL NOISE
CONTOURS: SCENARIO 3b UNDER
SOUTHEAST WIND CONDITIONS

Scale 1:50 000

REFERENCE
- Mine Site Boundary
- Indicative Limit of Underground Workings
- Pit Top Area Boundary
- Cadastral Boundary
- Contour (m AHD)(Interval = 2m)
- Creek / Drainage Line
- Approved Disturbance within the Pit Top Area
- Area of Proposed Stage 2 Surface Disturbance
- Proposed Stage 2 All Weather Unsealed Access Road
- Proposed Stage 2 Power Line
- Proposed Stage 2 Power Line Advancing with Mine
- Proposed Stage 2 Access for Goaf Drainage
- Noise Generating Activity Reference
- Residential Receiver
- Noise Contour (dB(A)), Leq(15 minute)

Note: A colour version of this figure is available on the Project CD

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