

LEGEND

- | | | |
|---|---|--|
| ● Residential receiver | — The proposal | — 2025 Build 60dB(A) LAeq 9-hour |
| ● Education | — Watercourse | — 2025 Build 65dB(A) LAeq 15-hour |
| | — Highway | |
| | — Road | |

Paper Size A4
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Metres
Map Projection: Transverse Mercator
Horizontal Datum: GDA 1994
Grid: GDA 1994 MGA Zone 55



Australian Rail Track Corporation
Inland Rail - Narrabri to North Star

Job Number 22-17916
Revision 0
Date 02 Jun 2017

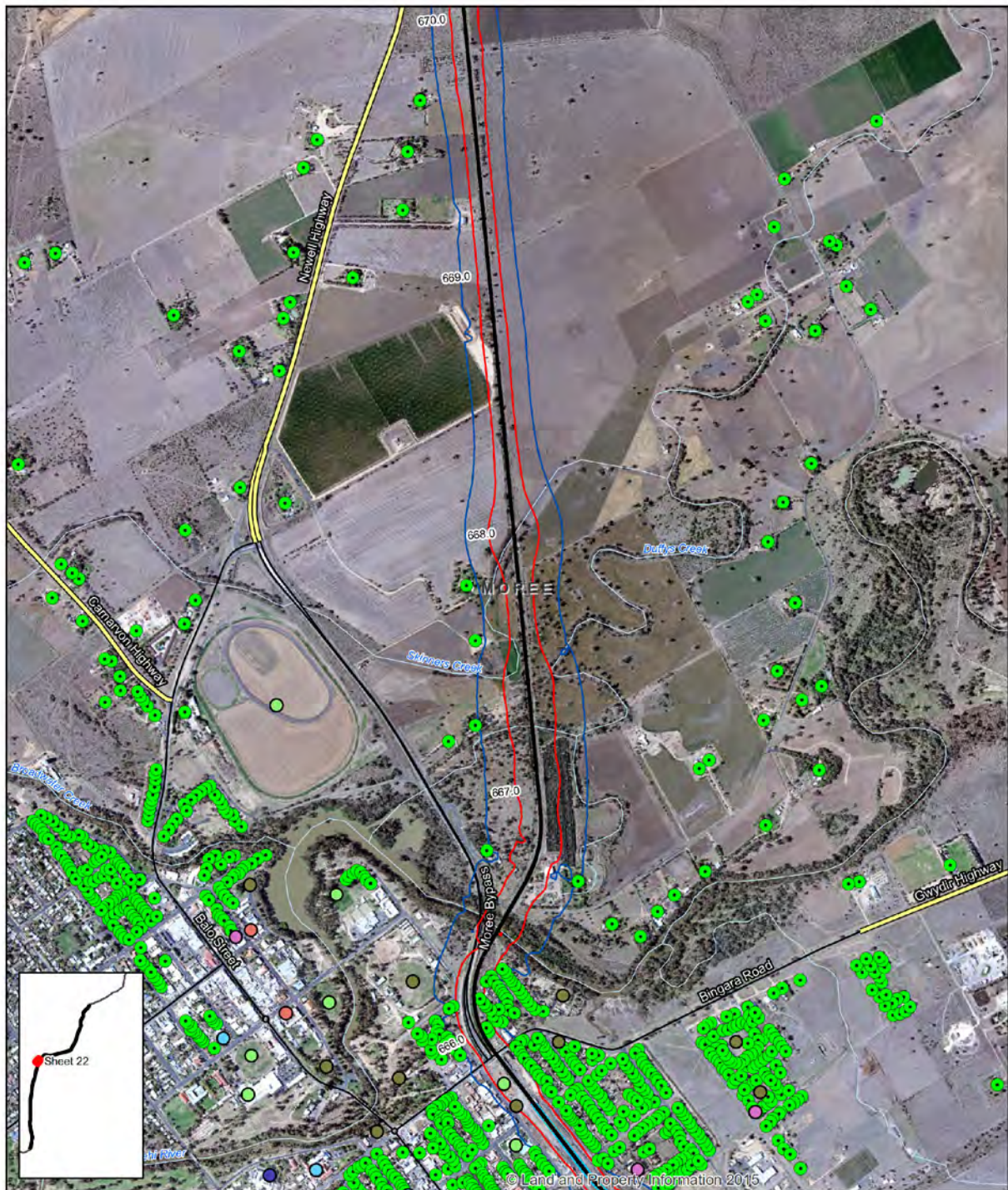
Operational rail noise contours, LAeq
2025 build vs 2025 no build

Figure E2- Sheet 21

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LEGEND

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|---|---|---|--|
| ● Residential receiver | ● Health | — The proposal | — 2025 Build 60dB(A) LAeq 9-hour |
| ○ Active recreation | ● Passive recreation | — Watercourse | — 2025 Build 65dB(A) LAeq 15-hour |
| ● Aged care | ● Religious | — Highway | — 2025 No-Build 60dB(A) LAeq 9-hour |
| ● Education | | — Road | — 2025 No-Build 65dB(A) LAeq 15-hour |

Paper Size A4
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Metres
Map Projection: Transverse Mercator
Horizontal Datum: GDA 1994
Grid: GDA 1994 MGA Zone 55



Australian Rail Track Corporation
Inland Rail - Narrabri to North Star

Job Number 22-17916
Revision 0
Date 02 Jun 2017

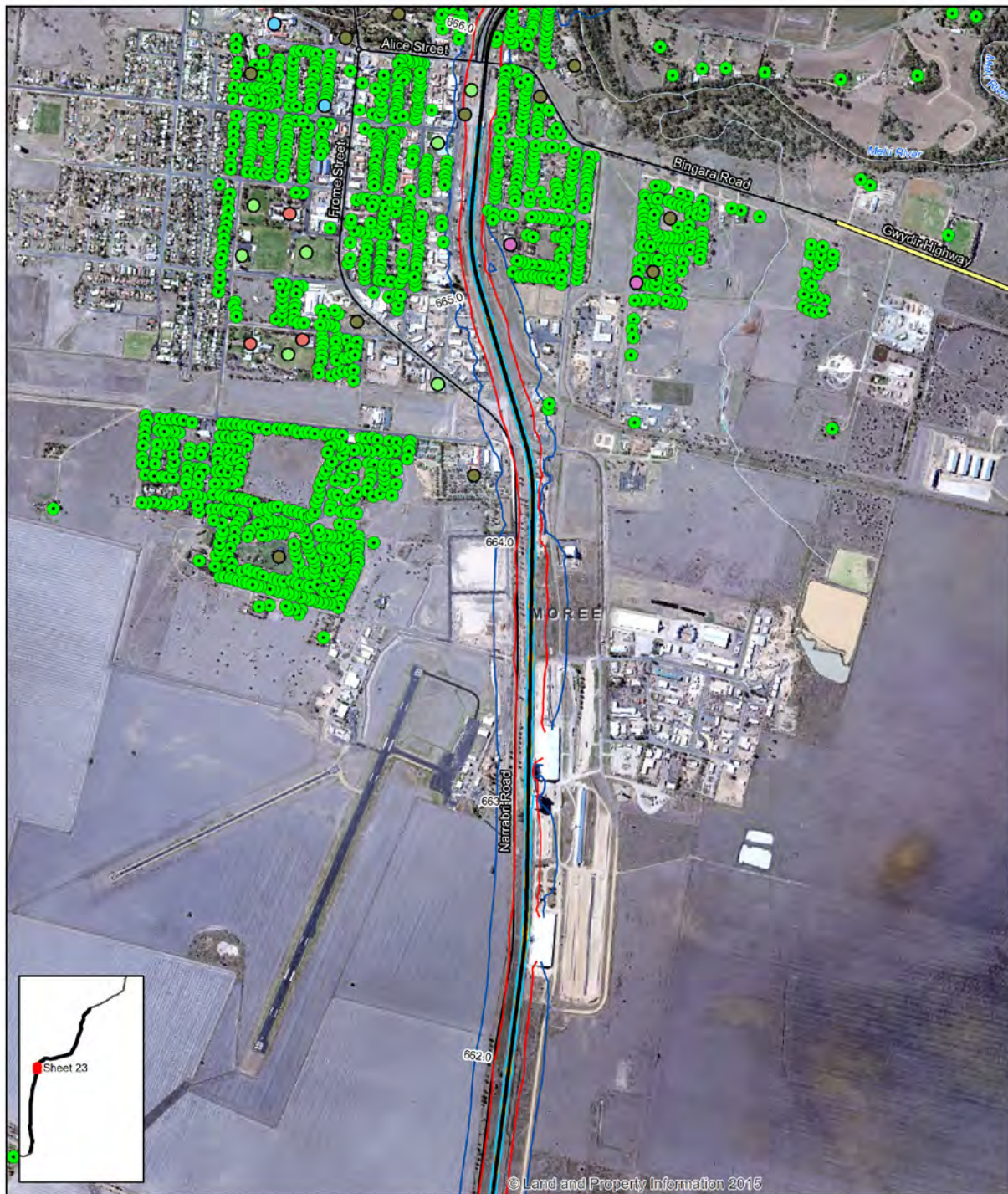
Operational rail noise contours, LAeq
2025 build vs 2025 no build

Figure E2- Sheet 22

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LEGEND

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|---|---|---|--|
| ● Residential receiver | ● Health | — The proposal | — 2025 Build 60dB(A) LAeq 9-hour |
| ○ Active recreation | ● Passive recreation | — Watercourse | — 2025 Build 65dB(A) LAeq 15-hour |
| ● Education | ● Religious | — Highway | — 2025 No-Build 60dB(A) LAeq 9-hour |
| | | — Road | — 2025 No-Build 65dB(A) LAeq 15-hour |

Paper Size A4
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Map Projection: Transverse Mercator
Horizontal Datum: GDA 1994
Grid: GDA 1994 MGA Zone 55



Australian Rail Track Corporation
Inland Rail - Narrabri to North Star

Job Number 22-17916
Revision 0
Date 02 Jun 2017

Operational rail noise contours, LAeq
2025 build vs 2025 no build

Figure E2- Sheet 23

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Data source: LPI: DTDB, 2012. LPI: Imagery, 2012. Created by: tmorton, fmacKay, kpsroba



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|---|---|---|
| ● Residential receiver | — The proposal | — 2025 Build 60dB(A) LAeq 9-hour |
| ○ Active recreation | — Watercourse | — 2025 Build 65dB(A) LAeq 15-hour |
| | — Highway | — 2025 No-Build 60dB(A) LAeq 9-hour |
| | — Road | — 2025 No-Build 65dB(A) LAeq 15-hour |

Paper Size A4
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Metres
Map Projection: Transverse Mercator
Horizontal Datum: GDA 1994
Grid: GDA 1994 MGA Zone 55



Australian Rail Track Corporation
Inland Rail - Narrabri to North Star

Job Number 22-17916
Revision 0
Date 02 Jun 2017

Operational rail noise contours, LAeq
2025 build vs 2025 no build

Figure E2- Sheet 24

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|---|---|--|
| ● Residential receiver | — The proposal | — 2025 Build 60dB(A) LAeq 9-hour |
| | — Watercourse | — 2025 Build 65dB(A) LAeq 15-hour |
| | — Highway | — 2025 No-Build 60dB(A) LAeq 9-hour |
| | — Road | — 2025 No-Build 65dB(A) LAeq 15-hour |

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Map Projection: Transverse Mercator
Horizontal Datum: GDA 1994
Grid: GDA 1994 MGA Zone 55



Australian Rail Track Corporation
Inland Rail - Narrabri to North Star

Job Number 22-17916
Revision 0
Date 02 Jun 2017

Operational rail noise contours, LAeq
2025 build vs 2025 no build

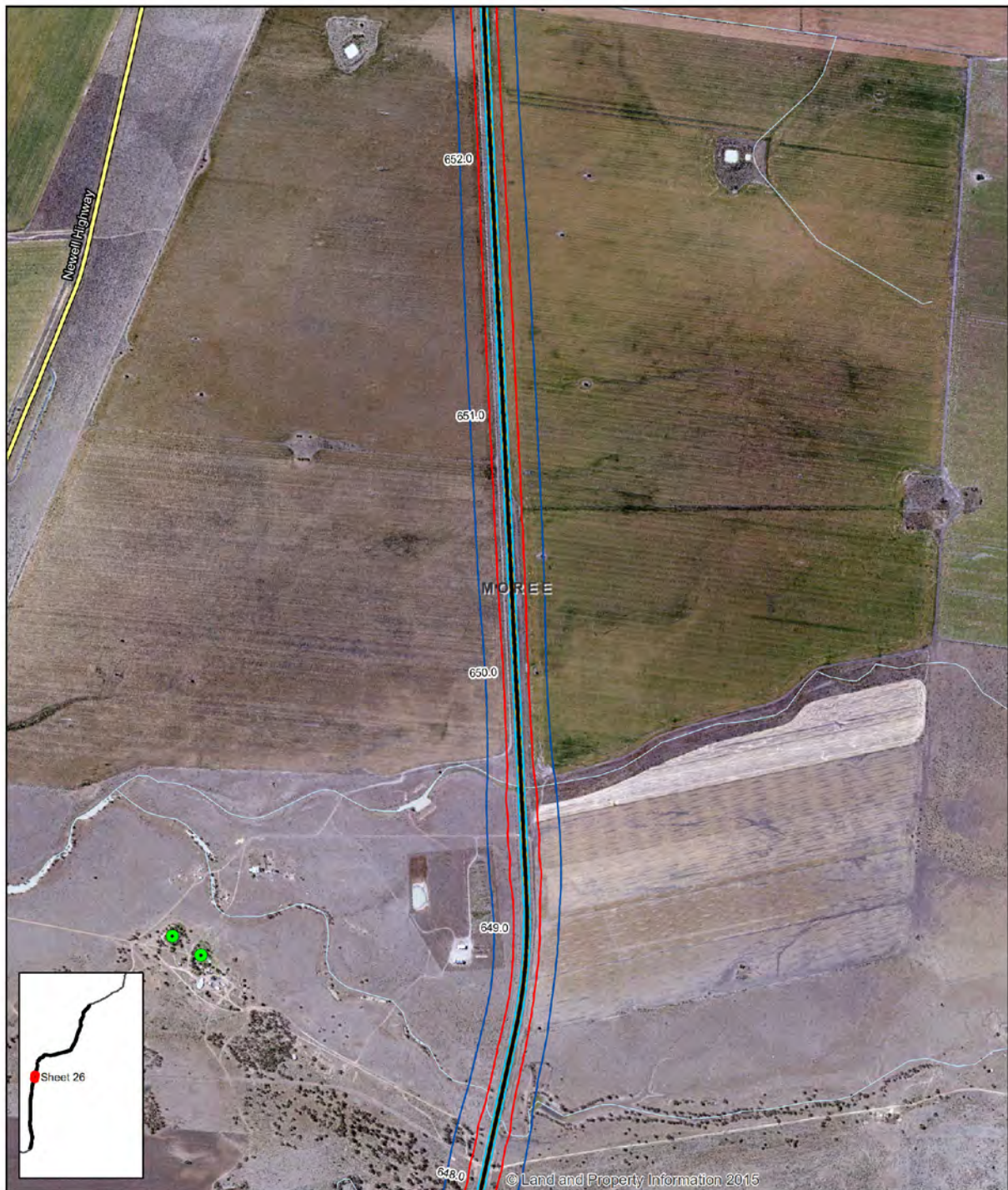
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|---|--------------|------------------------------------|
| ● Residential receiver | The proposal | 2025 Build 60dB(A) LAeq 9-hour |
| | Watercourse | 2025 Build 65dB(A) LAeq 15-hour |
| | Highway | 2025 No-Build 60dB(A) LAeq 9-hour |
| | Road | 2025 No-Build 65dB(A) LAeq 15-hour |

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Map Projection: Transverse Mercator
Horizontal Datum: GDA 1994
Grid: GDA 1994 MGA Zone 55



Australian Rail Track Corporation
Inland Rail - Narrabri to North Star

Job Number | 22-17916
Revision | 0
Date | 02 Jun 2017

Operational rail noise contours, LAeq
2025 build vs 2025 no build

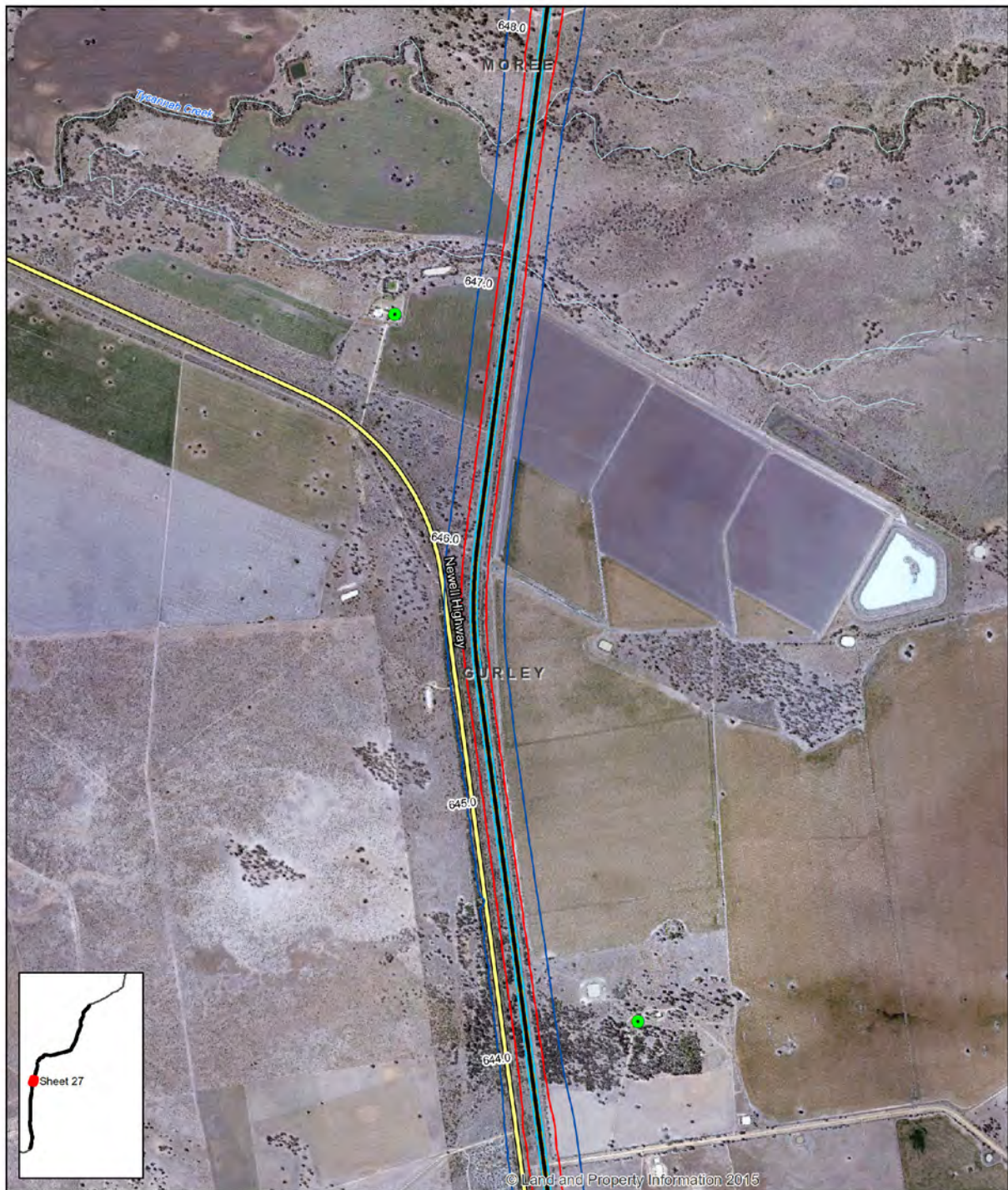
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|---|--------------|------------------------------------|
| ● Residential receiver | The proposal | 2025 Build 60dB(A) LAeq 9-hour |
| | Watercourse | 2025 Build 65dB(A) LAeq 15-hour |
| | Highway | 2025 No-Build 60dB(A) LAeq 9-hour |
| | Road | 2025 No-Build 65dB(A) LAeq 15-hour |

Paper Size A4
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Metres
Map Projection: Transverse Mercator
Horizontal Datum: GDA 1994
Grid: GDA 1994 MGA Zone 55



Australian Rail Track Corporation
Inland Rail - Narrabri to North Star

Job Number 22-17916
Revision 0
Date 02 Jun 2017

Operational rail noise contours, LAeq
2025 build vs 2025 no build

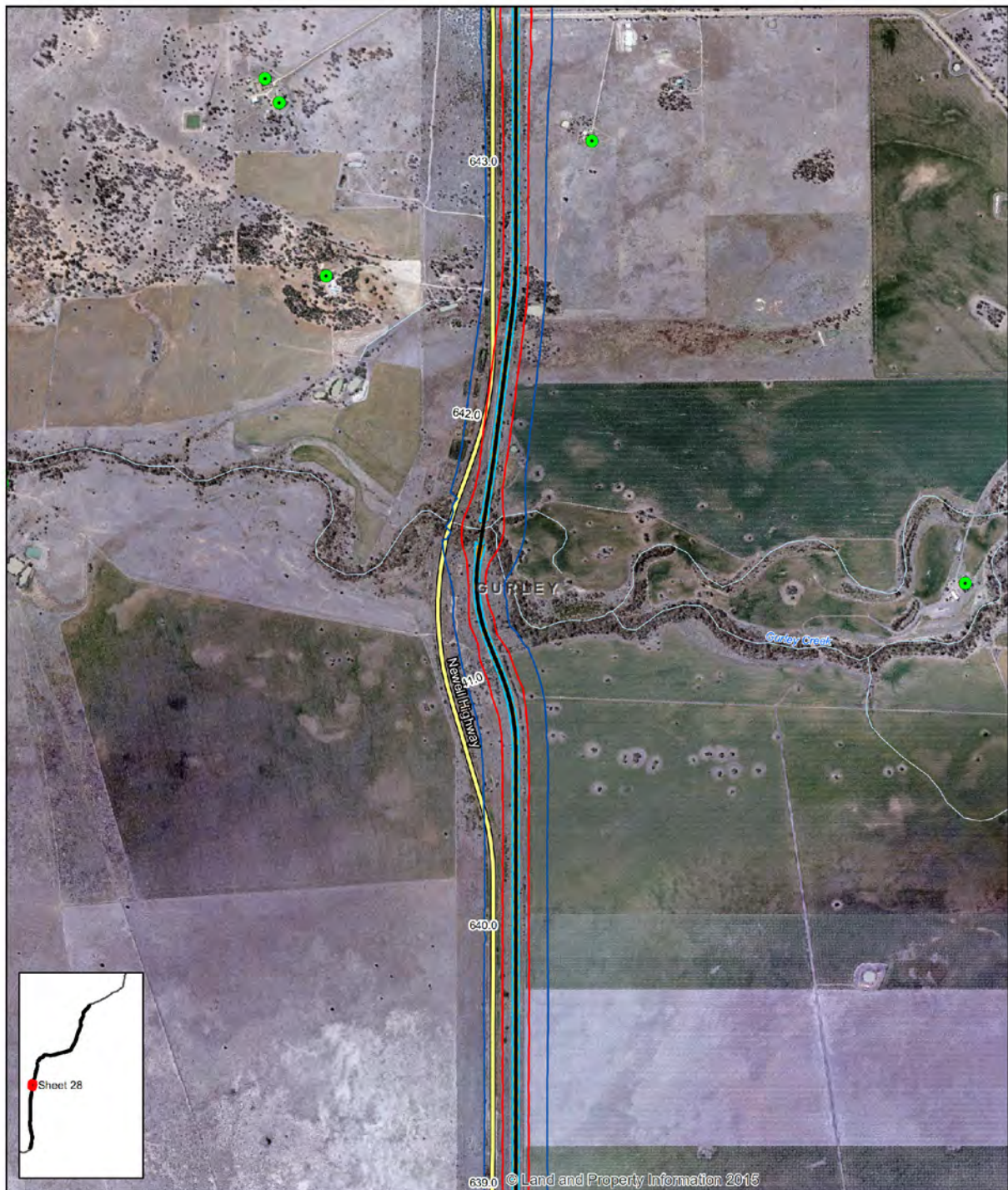
Figure E2- Sheet 27

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LEGEND

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|---|---|--|
| ● Residential receiver | — The proposal | — 2025 Build 60dB(A) LAeq 9-hour |
| | — Watercourse | — 2025 Build 65dB(A) LAeq 15-hour |
| | — Highway | — 2025 No-Build 60dB(A) LAeq 9-hour |
| | — Road | — 2025 No-Build 65dB(A) LAeq 15-hour |

Paper Size A4
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Map Projection: Transverse Mercator
Horizontal Datum: GDA 1994
Grid: GDA 1994 MGA Zone 55



Australian Rail Track Corporation
Inland Rail - Narrabri to North Star

Job Number 22-17916
Revision 0
Date 02 Jun 2017

Operational rail noise contours, LAeq
2025 build vs 2025 no build

Figure E2- Sheet 28

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Level 3, GHD Tower, 24 Honeysuckle Drive, Newcastle NSW 2300 T 61 2 4979 9999 F 61 2 4979 9988 E ent@mail@ghd.com W www.ghd.com.au

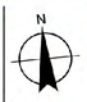
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Data source: LPI: DTDB, 2012. LPI: Imagery, 2012. Created by: tmorton, fmacKay, kpsroba



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|---|---|--|
| ● Residential receiver | — The proposal | — 2025 Build 60dB(A) LAeq 9-hour |
| ● Passive recreation | — Watercourse | — 2025 Build 65dB(A) LAeq 15-hour |
| | — Highway | — 2025 No-Build 60dB(A) LAeq 9-hour |
| | — Road | — 2025 No-Build 65dB(A) LAeq 15-hour |

Paper Size A4
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Metres
Map Projection: Transverse Mercator
Horizontal Datum: GDA 1994
Grid: GDA 1994 MGA Zone 55



Australian Rail Track Corporation
Inland Rail - Narrabri to North Star

Job Number | 22-17916
Revision | 0
Date | 02 Jun 2017

Operational rail noise contours, LAeq
2025 build vs 2025 no build

Figure E2- Sheet 29

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LEGEND

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|---|--|--|
| ● Residential receiver | — The proposal | — 2025 Build 60dB(A) LAeq 9-hour |
| | — Watercourse | — 2025 Build 65dB(A) LAeq 15-hour |
| | — Highway | — 2025 No-Build 60dB(A) LAeq 9-hour |
| | — Road | — 2025 No-Build 65dB(A) LAeq 15-hour |

Paper Size A4
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Map Projection: Transverse Mercator
Horizontal Datum: GDA 1994
Grid: GDA 1994 MGA Zone 55



Australian Rail Track Corporation
Inland Rail - Narrabri to North Star

Job Number 22-17916
Revision 0
Date 02 Jun 2017

Operational rail noise contours, LAeq
2025 build vs 2025 no build

Figure E2- Sheet 30

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LEGEND

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|---|--------------|------------------------------------|
| ● Residential receiver | The proposal | 2025 Build 60dB(A) LAeq 9-hour |
| | Watercourse | 2025 Build 65dB(A) LAeq 15-hour |
| | Highway | 2025 No-Build 60dB(A) LAeq 9-hour |
| | Road | 2025 No-Build 65dB(A) LAeq 15-hour |

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Horizontal Datum: GDA 1994
Grid: GDA 1994 MGA Zone 55



Australian Rail Track Corporation
Inland Rail - Narrabri to North Star

Job Number 22-17916
Revision 0
Date 02 Jun 2017

Operational rail noise contours, LAeq
2025 build vs 2025 no build

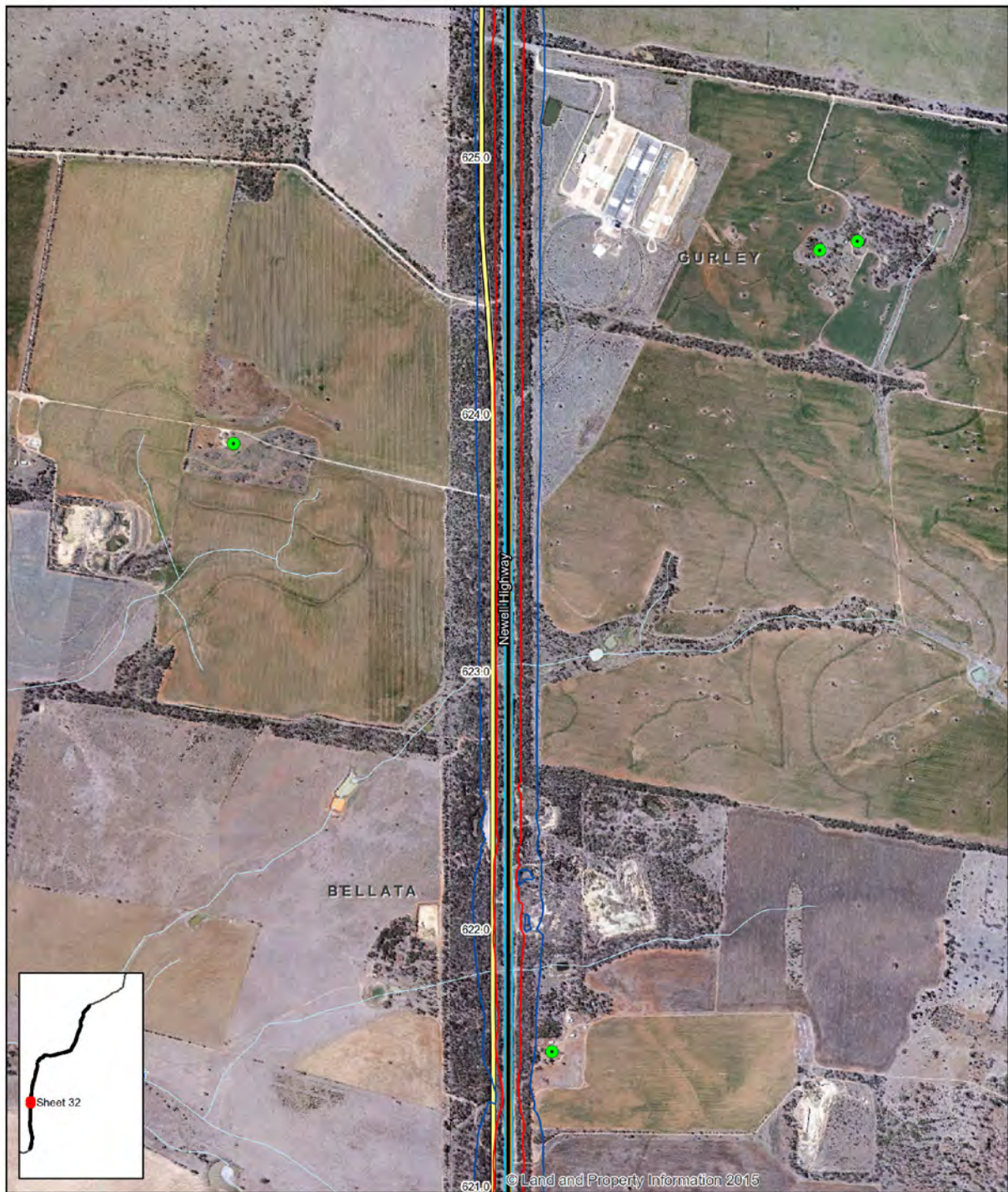
Figure E2- Sheet 31

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|---|--|--|
| ● Residential receiver | — The proposal | — 2025 Build 60dB(A) LAeq 9-hour |
| | — Watercourse | — 2025 Build 65dB(A) LAeq 15-hour |
| | — Highway | — 2025 No-Build 60dB(A) LAeq 9-hour |
| | — Road | — 2025 No-Build 65dB(A) LAeq 15-hour |

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Map Projection: Transverse Mercator
Horizontal Datum: GDA 1994
Grid: GDA 1994 MGA Zone 55



Australian Rail Track Corporation
Inland Rail - Narrabri to North Star

Job Number | 22-17916
Revision | 0
Date | 02 Jun 2017

Operational rail noise contours, LAeq
2025 build vs 2025 no build

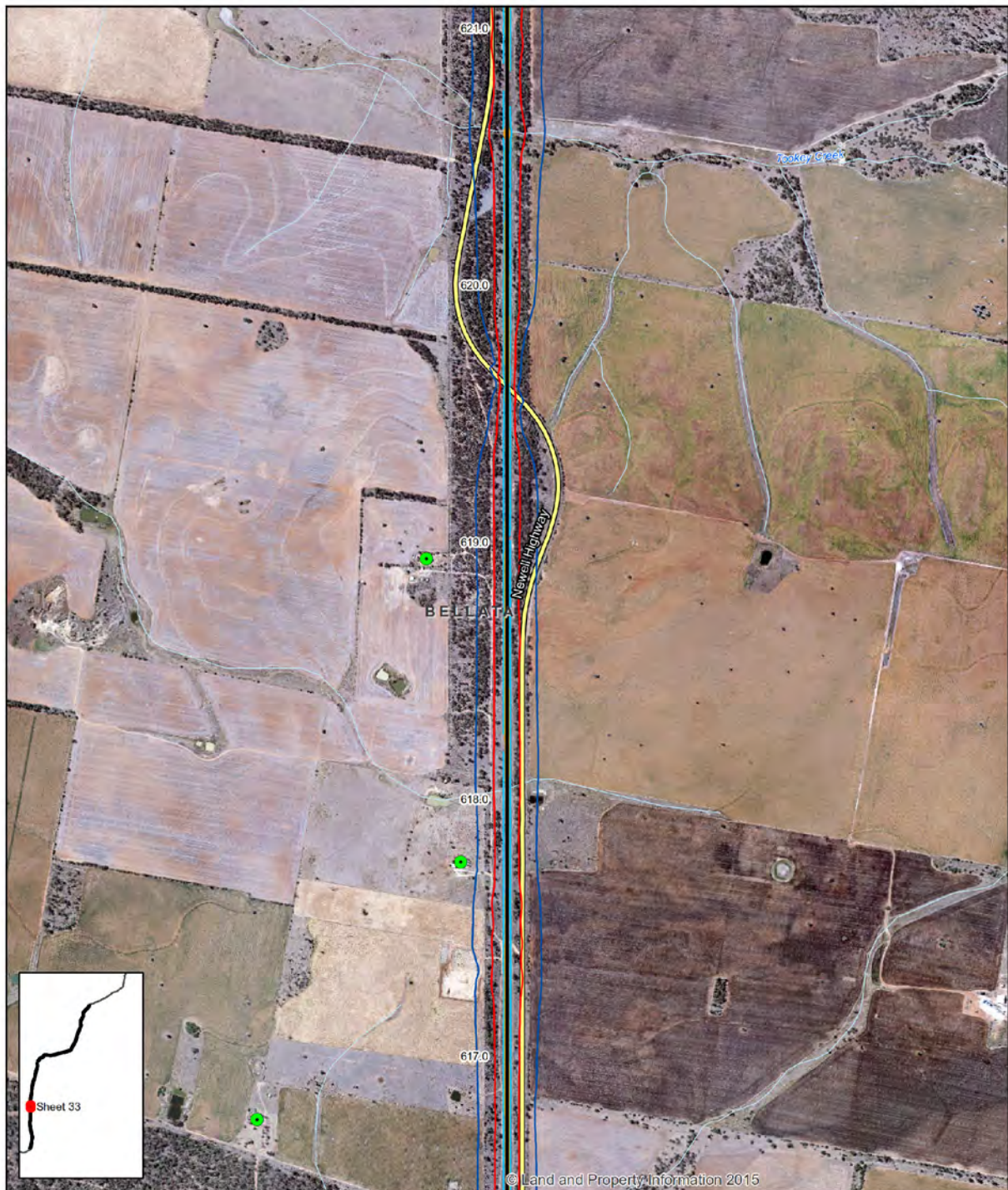
Figure E2- Sheet 32

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|---|---|---|
| ● Residential receiver | — The proposal | — 2025 Build 60dB(A) LAeq 9-hour |
| | — Watercourse | — 2025 Build 65dB(A) LAeq 15-hour |
| | — Highway | — 2025 No-Build 60dB(A) LAeq 9-hour |
| | — Road | — 2025 No-Build 65dB(A) LAeq 15-hour |

Paper Size A4
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Map Projection: Transverse Mercator
Horizontal Datum: GDA 1994
Grid: GDA 1994 MGA Zone 55



Australian Rail Track Corporation
Inland Rail - Narrabri to North Star

Job Number 22-17916
Revision 0
Date 02 Jun 2017

Operational rail noise contours, LAeq
2025 build vs 2025 no build

Figure E2- Sheet 33

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|---|---|--|--|
| ● Residential receiver | ● Passive recreation | — The proposal | — 2025 Build 60dB(A) LAeq 9-hour |
| ○ Active recreation | ● Religious | — Watercourse | — 2025 Build 65dB(A) LAeq 15-hour |
| ● Education | | — Highway | — 2025 No-Build 60dB(A) LAeq 9-hour |
| | | — Road | — 2025 No-Build 65dB(A) LAeq 15-hour |

Paper Size A4
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Map Projection: Transverse Mercator
Horizontal Datum: GDA 1994
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Australian Rail Track Corporation
Inland Rail - Narrabri to North Star

Job Number 22-17916
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Operational rail noise contours, LAeq
2025 build vs 2025 no build

Figure E2- Sheet 34

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|---|--------------|------------------------------------|
| ● Residential receiver | The proposal | 2025 Build 60dB(A) LAeq 9-hour |
| | Watercourse | 2025 Build 65dB(A) LAeq 15-hour |
| | Highway | 2025 No-Build 60dB(A) LAeq 9-hour |
| | Road | 2025 No-Build 65dB(A) LAeq 15-hour |

Paper Size A4
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Metres
Map Projection: Transverse Mercator
Horizontal Datum: GDA 1994
Grid: GDA 1994 MGA Zone 55



Australian Rail Track Corporation
Inland Rail - Narrabri to North Star

Job Number 22-17916
Revision 0
Date 02 Jun 2017

Operational rail noise contours, LAeq
2025 build vs 2025 no build

Figure E2- Sheet 35

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| | Highway | 2025 No-Build 60dB(A) LAeq 9-hour |
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Paper Size A4
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Map Projection: Transverse Mercator
Horizontal Datum: GDA 1994
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Operational rail noise contours, LAeq
2025 build vs 2025 no build

Figure E2- Sheet 36

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Data source: LPI: DTDB, 2012. LPI: Imagery, 2012. Created by: Imorton, fmacKay, kpsroba



LEGEND

- | | | |
|---|--------------|------------------------------------|
| ● Residential receiver | The proposal | 2025 Build 60dB(A) LAeq 9-hour |
| | Watercourse | 2025 Build 65dB(A) LAeq 15-hour |
| | Highway | 2025 No-Build 60dB(A) LAeq 9-hour |
| | Road | 2025 No-Build 65dB(A) LAeq 15-hour |

Paper Size A4
0 75 150 300 450 600
Metres
Map Projection: Transverse Mercator
Horizontal Datum: GDA 1994
Grid: GDA 1994 MGA Zone 55



Australian Rail Track Corporation
Inland Rail - Narrabri to North Star

Job Number 22-17916
Revision 0
Date 02 Jun 2017

Operational rail noise contours, LAeq
2025 build vs 2025 no build

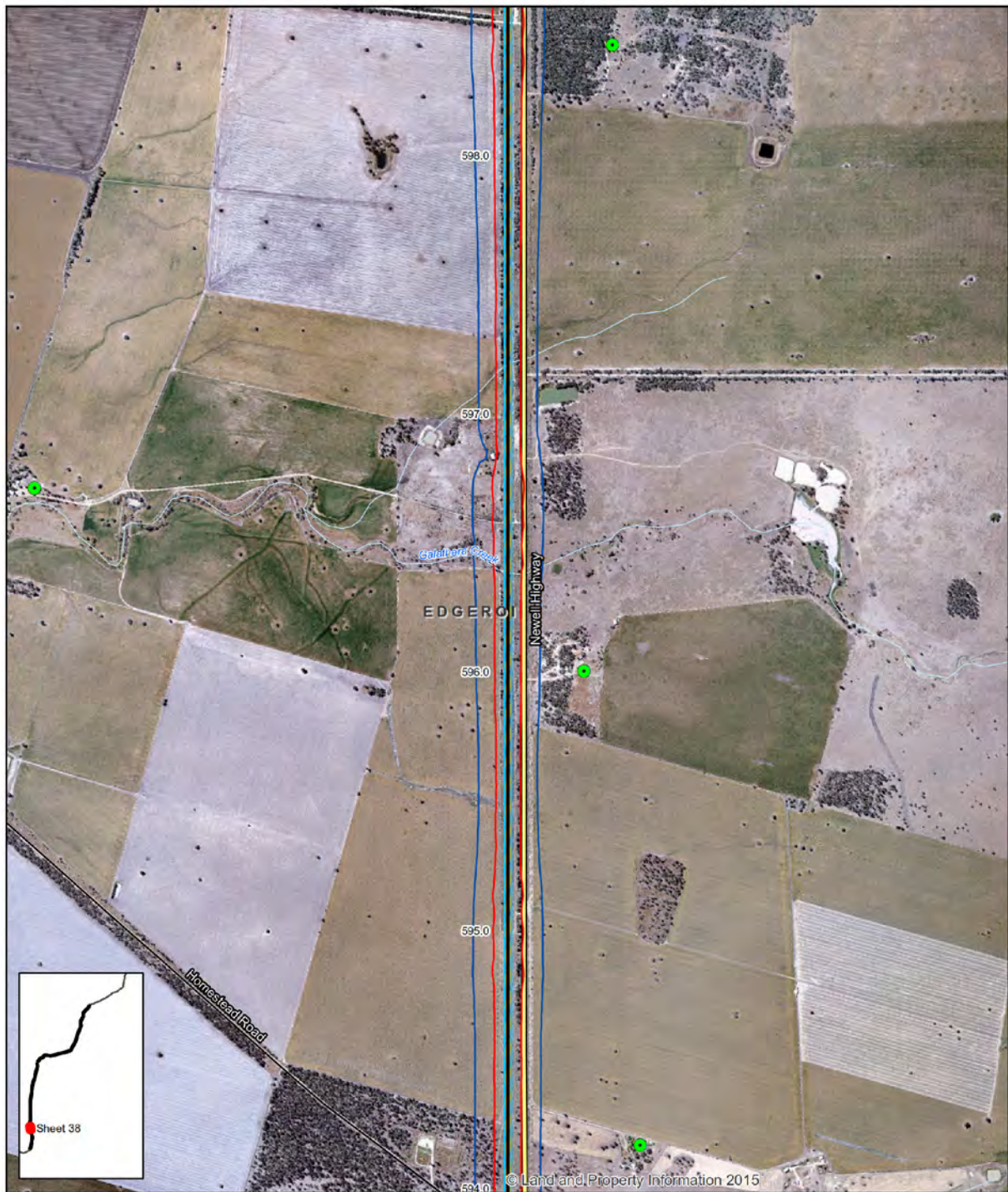
Figure E2- Sheet 37

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Data source: LPI: DTDB, 2012. LPI: Imagery, 2012. Created by: tmorton, fmacKay, kpsroba



LEGEND

- | | | |
|---|--------------|------------------------------------|
| ● Residential receiver | The proposal | 2025 Build 60dB(A) LAeq 9-hour |
| | Watercourse | 2025 Build 65dB(A) LAeq 15-hour |
| | Highway | 2025 No-Build 60dB(A) LAeq 9-hour |
| | Road | 2025 No-Build 65dB(A) LAeq 15-hour |

Paper Size A4
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Metres
Map Projection: Transverse Mercator
Horizontal Datum: GDA 1994
Grid: GDA 1994 MGA Zone 55



Australian Rail Track Corporation
Inland Rail - Narrabri to North Star

Job Number 22-17916
Revision 0
Date 02 Jun 2017

Operational rail noise contours, LAeq
2025 build vs 2025 no build

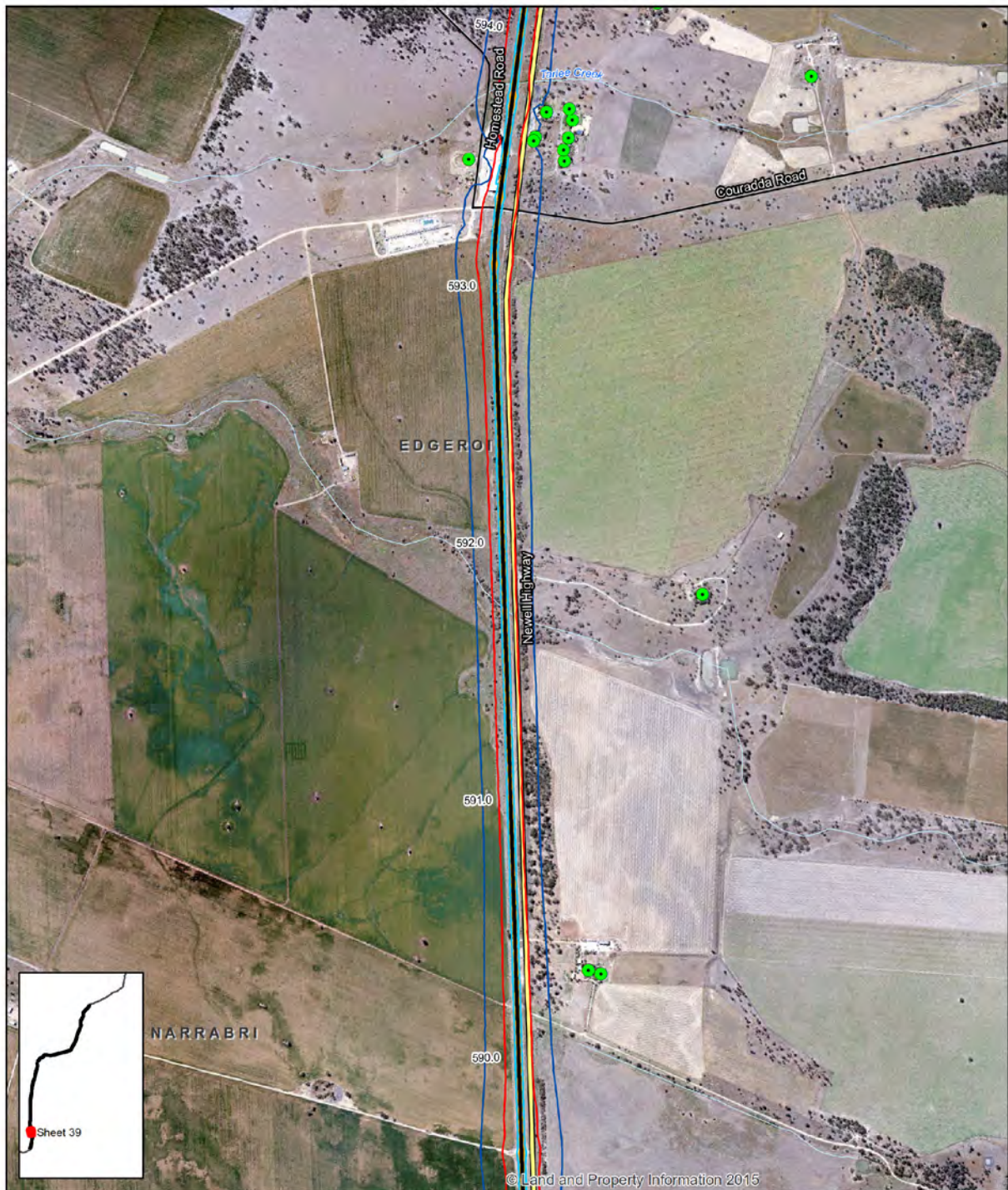
Figure E2- Sheet 38

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Data source: LPI: DTDB, 2012. LPI: Imagery, 2012. Created by: tmorton, fmacKay, kpsroba



LEGEND

- | | | |
|---|--|---|
| ● Residential receiver | — The proposal | — 2025 Build 60dB(A) LAeq 9-hour |
| — Watercourse | — 2025 Build 65dB(A) LAeq 15-hour | — 2025 No-Build 60dB(A) LAeq 9-hour |
| — Highway | — 2025 No-Build 65dB(A) LAeq 15-hour | |
| — Road | | |

Paper Size A4
0 75 150 300 450 600
Metres
Map Projection: Transverse Mercator
Horizontal Datum: GDA 1994
Grid: GDA 1994 MGA Zone 55



Australian Rail Track Corporation
Inland Rail - Narrabri to North Star

Job Number | 22-17916
Revision | 0
Date | 02 Jun 2017

Operational rail noise contours, LAeq
2025 build vs 2025 no build

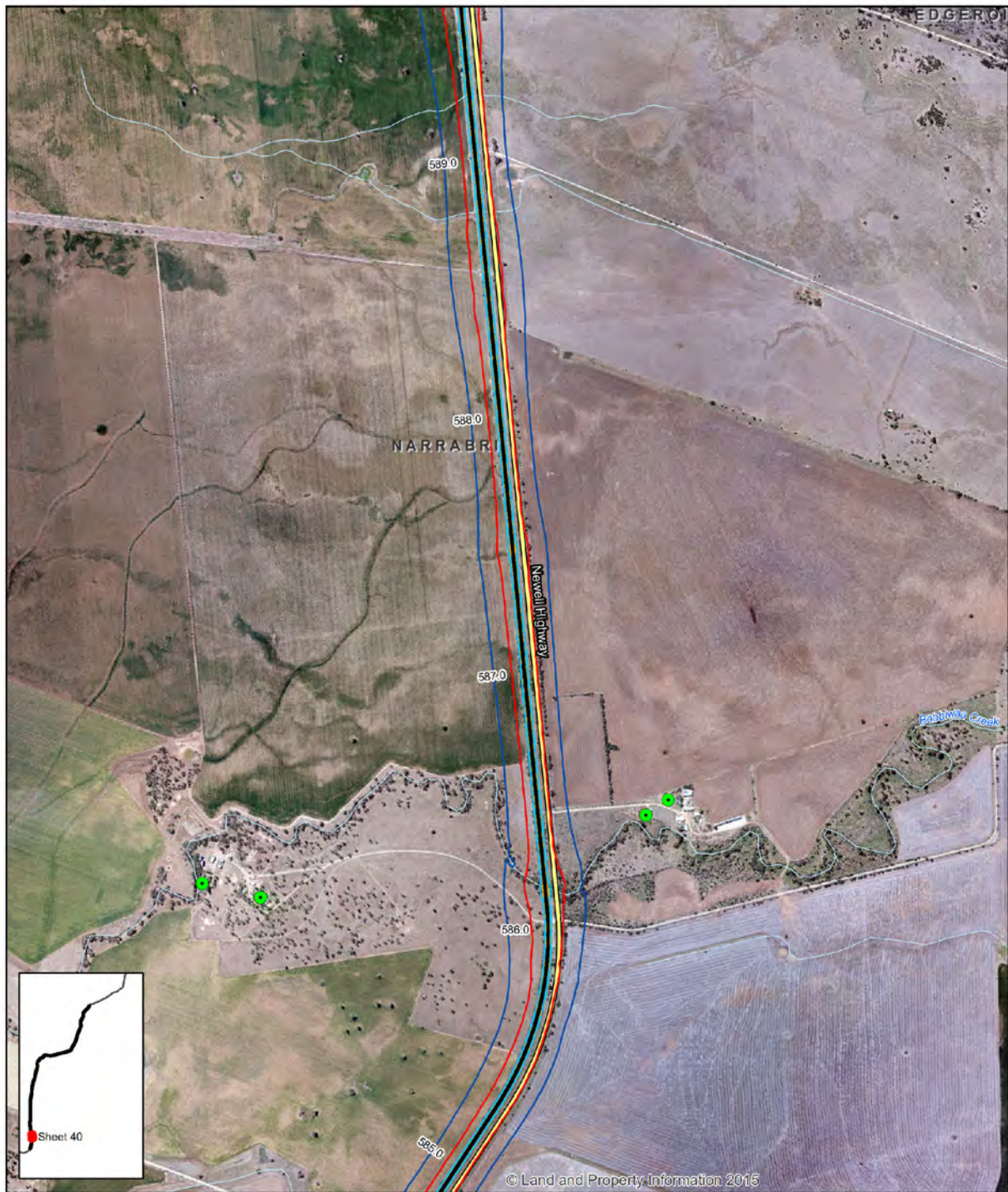
Figure E2- Sheet 39

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Data source: LPI: DTDB, 2012. LPI: Imagery, 2012. Created by: tmorton, fmacKay, kpsroba



LEGEND

- | | | |
|---|--|--|
| ● Residential receiver | — The proposal | — 2025 Build 60dB(A) LAeq 9-hour |
| | — Watercourse | — 2025 Build 65dB(A) LAeq 15-hour |
| | — Highway | — 2025 No-Build 60dB(A) LAeq 9-hour |
| | — Road | — 2025 No-Build 65dB(A) LAeq 15-hour |

Paper Size A4
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Metres
Map Projection: Transverse Mercator
Horizontal Datum: GDA 1994
Grid: GDA 1994 MGA Zone 55



Australian Rail Track Corporation
Inland Rail - Narrabri to North Star

Job Number 22-17916
Revision 0
Date 02 Jun 2017

Operational rail noise contours, LAeq
2025 build vs 2025 no build

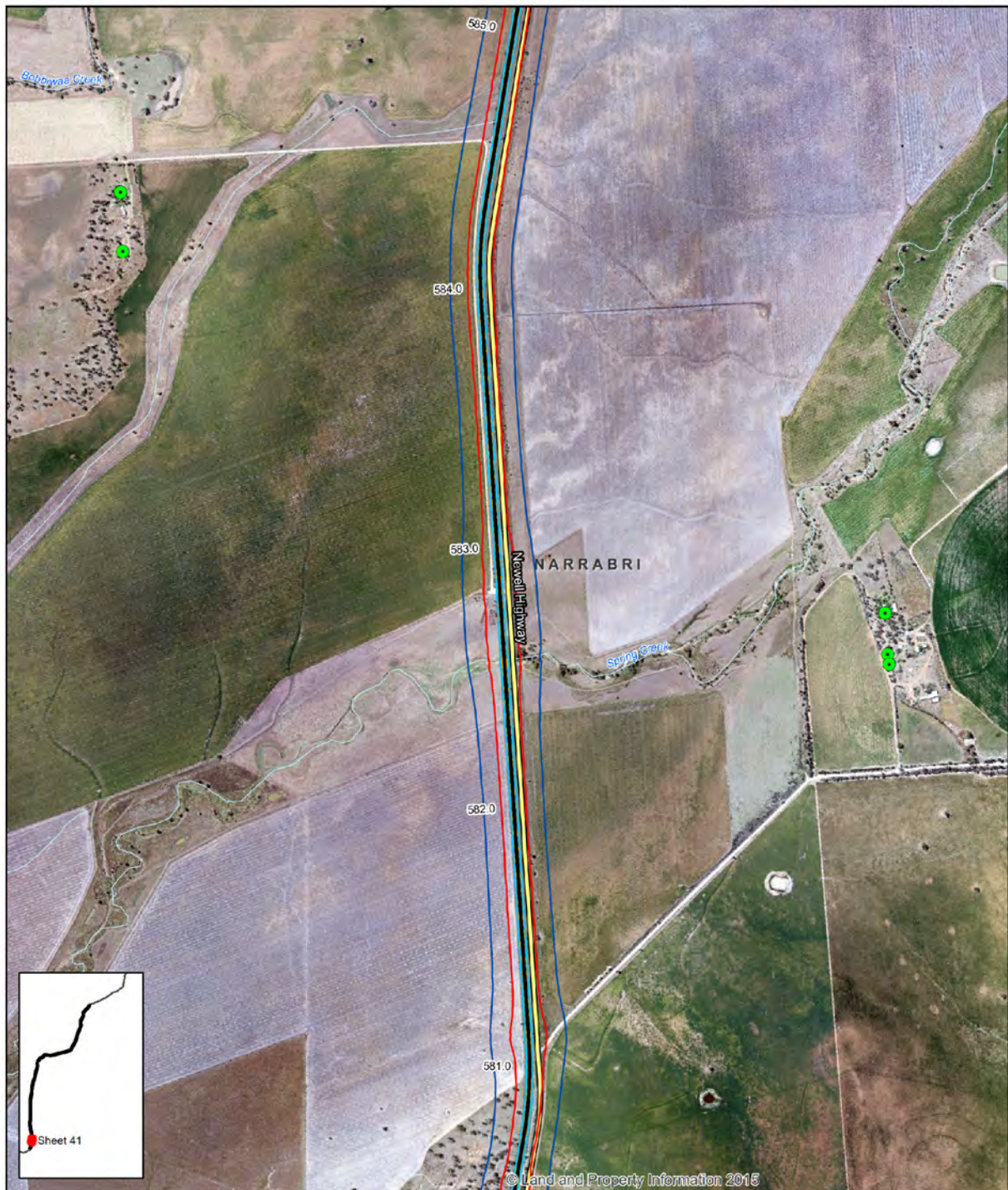
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Data source: LPI: DTDB, 2012. LPI: Imagery, 2012. Created by: tmorton, fmacKay, kpsroba



LEGEND

- | | | |
|---|--------------|------------------------------------|
| ● Residential receiver | The proposal | 2025 Build 60dB(A) LAeq 9-hour |
| | Watercourse | 2025 Build 65dB(A) LAeq 15-hour |
| | Highway | 2025 No-Build 60dB(A) LAeq 9-hour |
| | Road | 2025 No-Build 65dB(A) LAeq 15-hour |

Paper Size A4
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Metres
Map Projection: Transverse Mercator
Horizontal Datum: GDA 1994
Grid: GDA 1994 MGA Zone 55



Australian Rail Track Corporation
Inland Rail - Narrabri to North Star

Job Number | 22-17916
Revision | 0
Date | 02 Jun 2017

Operational rail noise contours, LAeq
2025 build vs 2025 no build

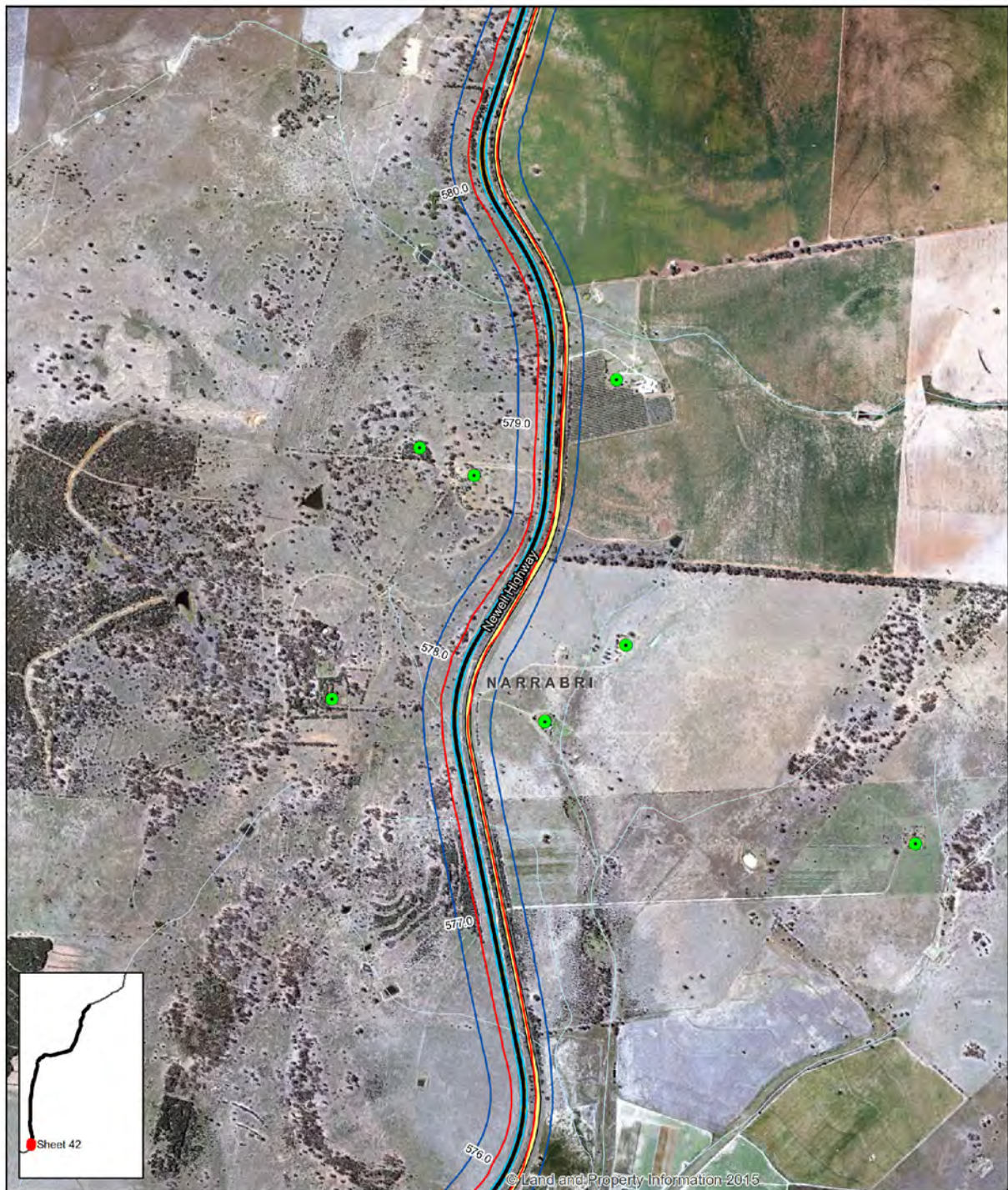
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Data source: LPI: DTDB, 2012. LPI: Imagery, 2012. Created by: tmorton, fmacKay, kpsroba



LEGEND

- | | | |
|---|--|--|
| ● Residential receiver | — The proposal | — 2025 Build 60dB(A) LAeq 9-hour |
| | — Watercourse | — 2025 Build 65dB(A) LAeq 15-hour |
| | — Highway | — 2025 No-Build 60dB(A) LAeq 9-hour |
| | — Road | — 2025 No-Build 65dB(A) LAeq 15-hour |

Paper Size A4
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Metres
Map Projection: Transverse Mercator
Horizontal Datum: GDA 1994
Grid: GDA 1994 MGA Zone 55



Australian Rail Track Corporation
Inland Rail - Narrabri to North Star

Job Number 22-17916
Revision 0
Date 02 Jun 2017

Operational rail noise contours, LAeq
2025 build vs 2025 no build

Figure E2- Sheet 42

G:\2217916\GIS\Maps\Deliverables\N2NS\Noise\2217916_N004_NNS_2025_Leq_0.mxd

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Data source: LPI: DTDB, 2012. LPI: Imagery, 2012. Created by: tmorton, fmacKay, kpsroba



LEGEND

- | | | |
|---|--|--|
| ● Residential receiver | — The proposal | — 2025 Build 60dB(A) LAeq 9-hour |
| | — Watercourse | — 2025 Build 65dB(A) LAeq 15-hour |
| | — Highway | — 2025 No-Build 60dB(A) LAeq 9-hour |
| | — Road | — 2025 No-Build 65dB(A) LAeq 15-hour |

Paper Size A4
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Metres
Map Projection: Transverse Mercator
Horizontal Datum: GDA 1994
Grid: GDA 1994 MGA Zone 55



Australian Rail Track Corporation
Inland Rail - Narrabri to North Star

Job Number 22-17916
Revision 0
Date 02 Jun 2017

Operational rail noise contours, LAeq
2025 build vs 2025 no build

Figure E2- Sheet 43

G:\2217916\GIS\Maps\Deliverables\N2NS\Noise\2217916_N004_NNS_2025_Leq_0.mxd

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Data source: LPI: DTDB, 2012. LPI: Imagery, 2012. Created by: Imorton, fmacKay, kpsroba



LEGEND

- | | | | |
|---|---|---|--|
| ● Residential receiver | ● Passive recreation | — The proposal | — 2040 Build 60dB(A) LAeq 9-hour |
| ○ Active recreation | ● Religious | — Watercourse | — 2040 Build 65dB(A) LAeq 15-hour |
| ● Education | | — Road | |

Paper Size A4
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Map Projection: Transverse Mercator
Horizontal Datum: GDA 1994
Grid: GDA 1994 MGA Zone 56



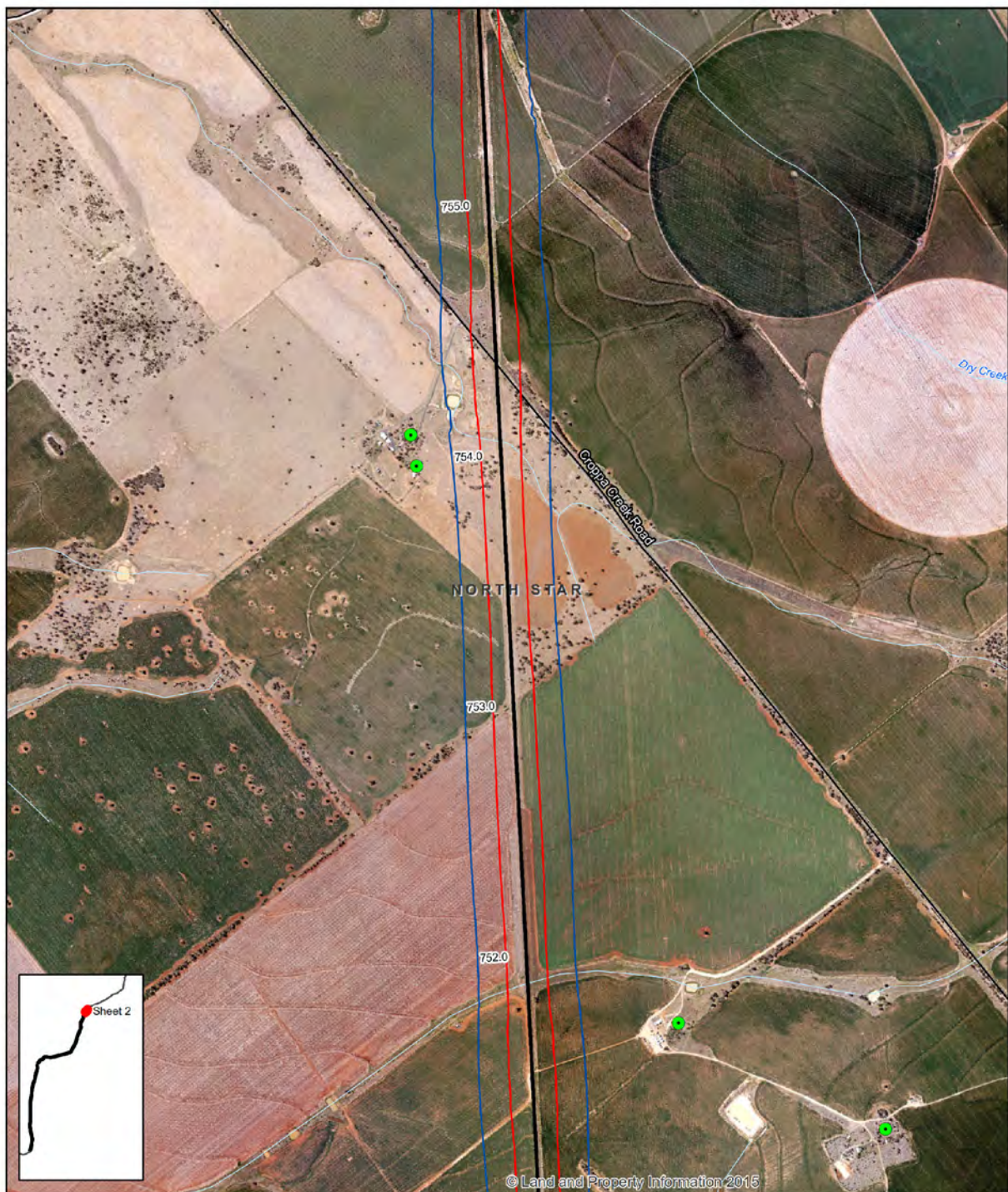
Australian Rail Track Corporation
Inland Rail - Narrabri to North Star

Job Number 22-17916
Revision 0
Date 02 Jun 2017

Operational rail noise contours, LAeq
2040 build vs 2040 no build

Figure E3- Sheet 1

G:\2217916\GIS\Maps\Deliverables\N2NS\Noise\2217916_N005_NNS_2040_Leq_0.mxd Level 3, GHD Tower, 24 Honeysuckle Drive, Newcastle NSW 2300 T 61 2 4979 9999 F 61 2 4979 9988 E ntl@mail@ghd.com W www.ghd.com.au
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Data source: LPI: DTDB, 2012. LPI: Imagery, 2012. Created by: Imorton, fmacKay, kpsroba



LEGEND

- Residential receiver
- The proposal
- 2040 Build 60dB(A) LAeq 9-hour
- Watercourse
- 2040 Build 65dB(A) LAeq 15-hour
- Road

Paper Size A4
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Metres
Map Projection: Transverse Mercator
Horizontal Datum: GDA 1994
Grid: GDA 1994 MGA Zone 56



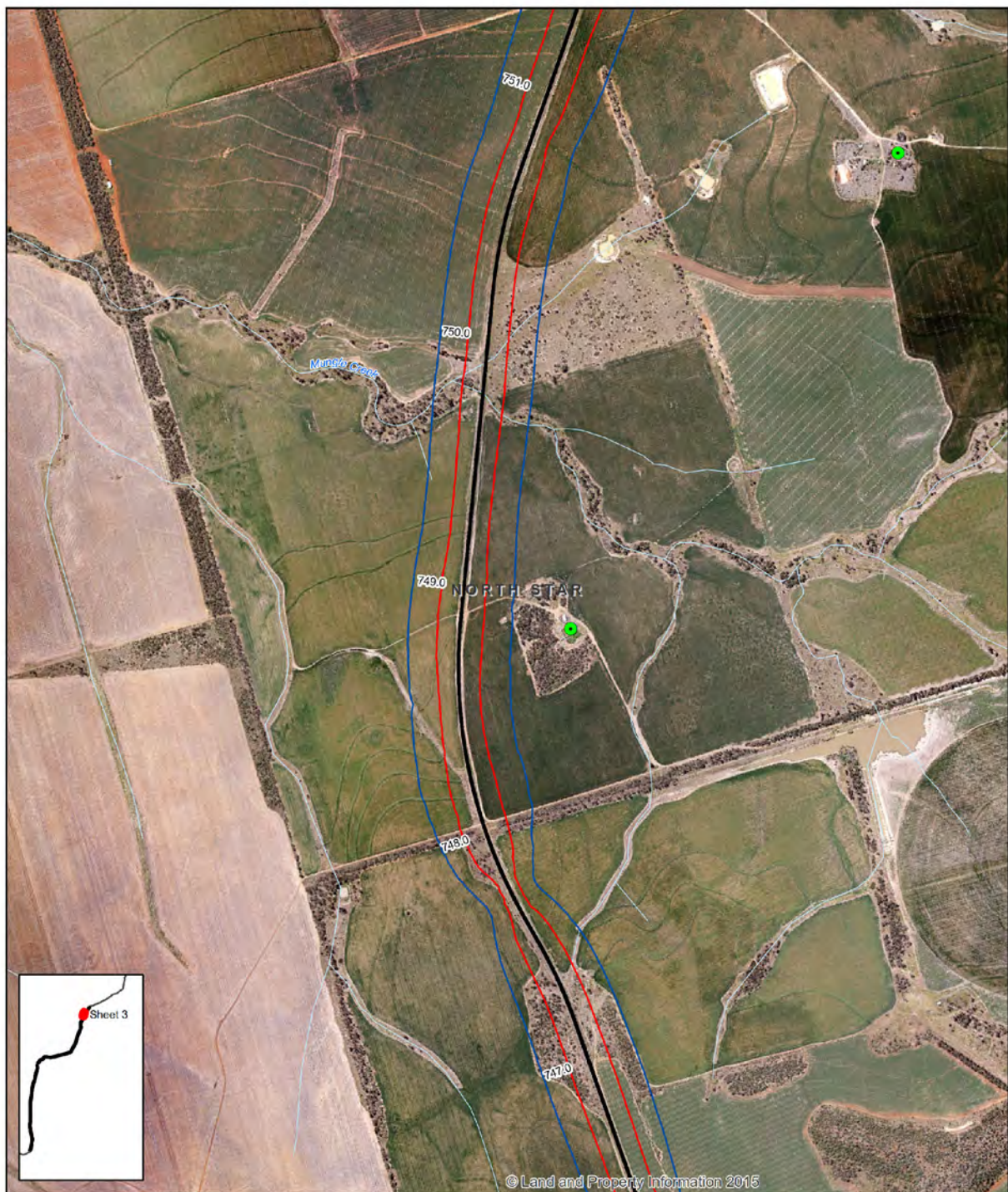
Australian Rail Track Corporation
Inland Rail - Narrabri to North Star

Job Number 22-17916
Revision 0
Date 02 Jun 2017

Operational rail noise contours, LAeq
2040 build vs 2040 no build

Figure E3- Sheet 2

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Data source: LPI: DTDB, 2012. LPI: Imagery, 2012. Created by: tmorton, fmackay, kpsroba



LEGEND

- Residential receiver
- The proposal
- 2040 Build 60dB(A) LAeq 9-hour
- Watercourse
- 2040 Build 65dB(A) LAeq 15-hour

Paper Size A4
0 75 150 300 450 600
Metres
Map Projection: Transverse Mercator
Horizontal Datum: GDA 1994
Grid: GDA 1994 MGA Zone 56



Australian Rail Track Corporation
Inland Rail - Narrabri to North Star

Job Number 22-17916
Revision 0
Date 02 Jun 2017

Operational rail noise contours, LAeq
2040 build vs 2040 no build

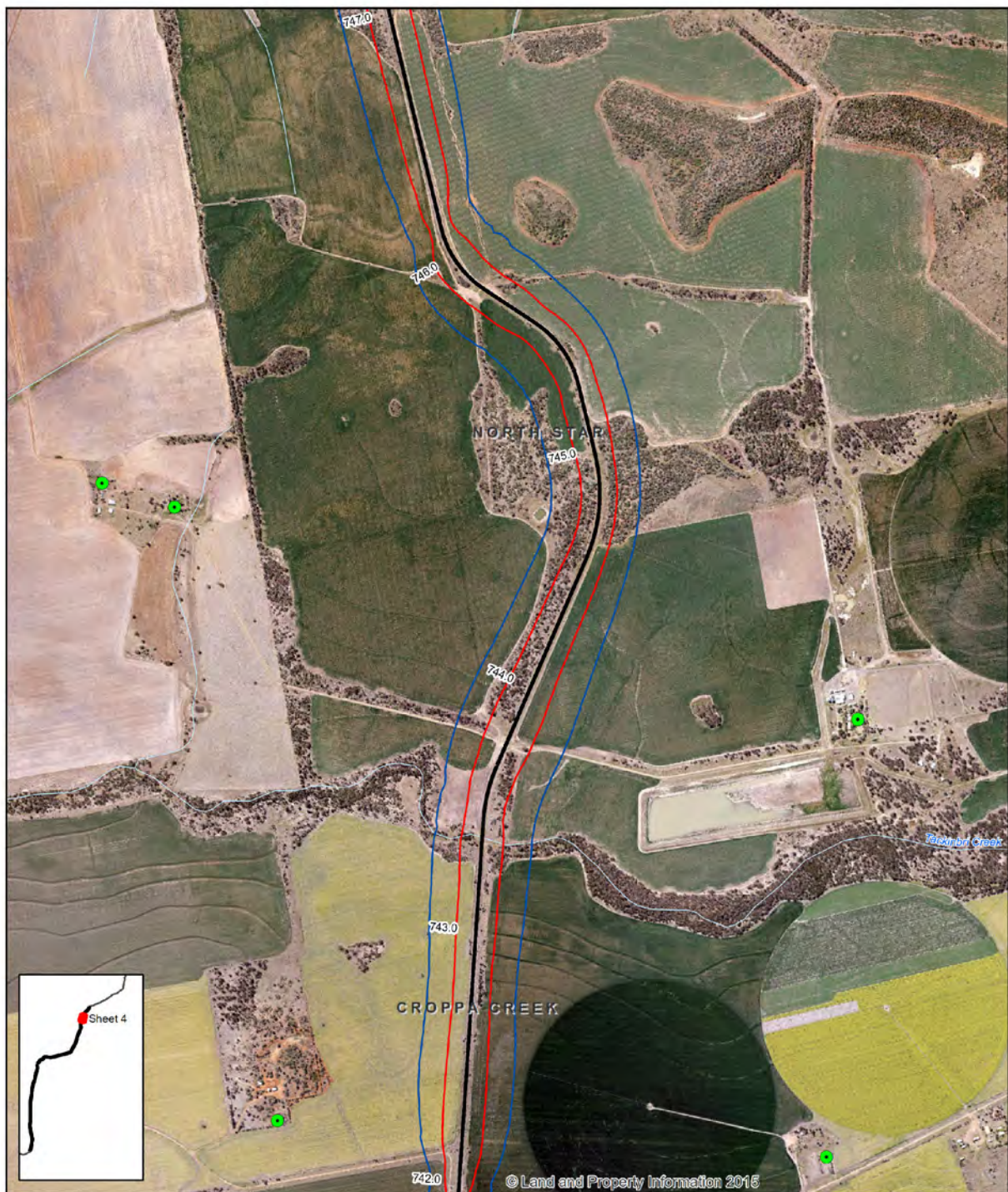
Figure E3- Sheet 3

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Data source: LPI: DTDB, 2012. LPI: Imagery, 2012. Created by: Imorton, fmacKay, kpsroba



LEGEND

- Residential receiver
- The proposal
- 2040 Build 60dB(A) LAeq 9-hour
- Watercourse
- 2040 Build 65dB(A) LAeq 15-hour

Paper Size A4
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Metres
Map Projection: Transverse Mercator
Horizontal Datum: GDA 1994
Grid: GDA 1994 MGA Zone 56



Australian Rail Track Corporation
Inland Rail - Narrabri to North Star

Job Number 22-17916
Revision 0
Date 02 Jun 2017

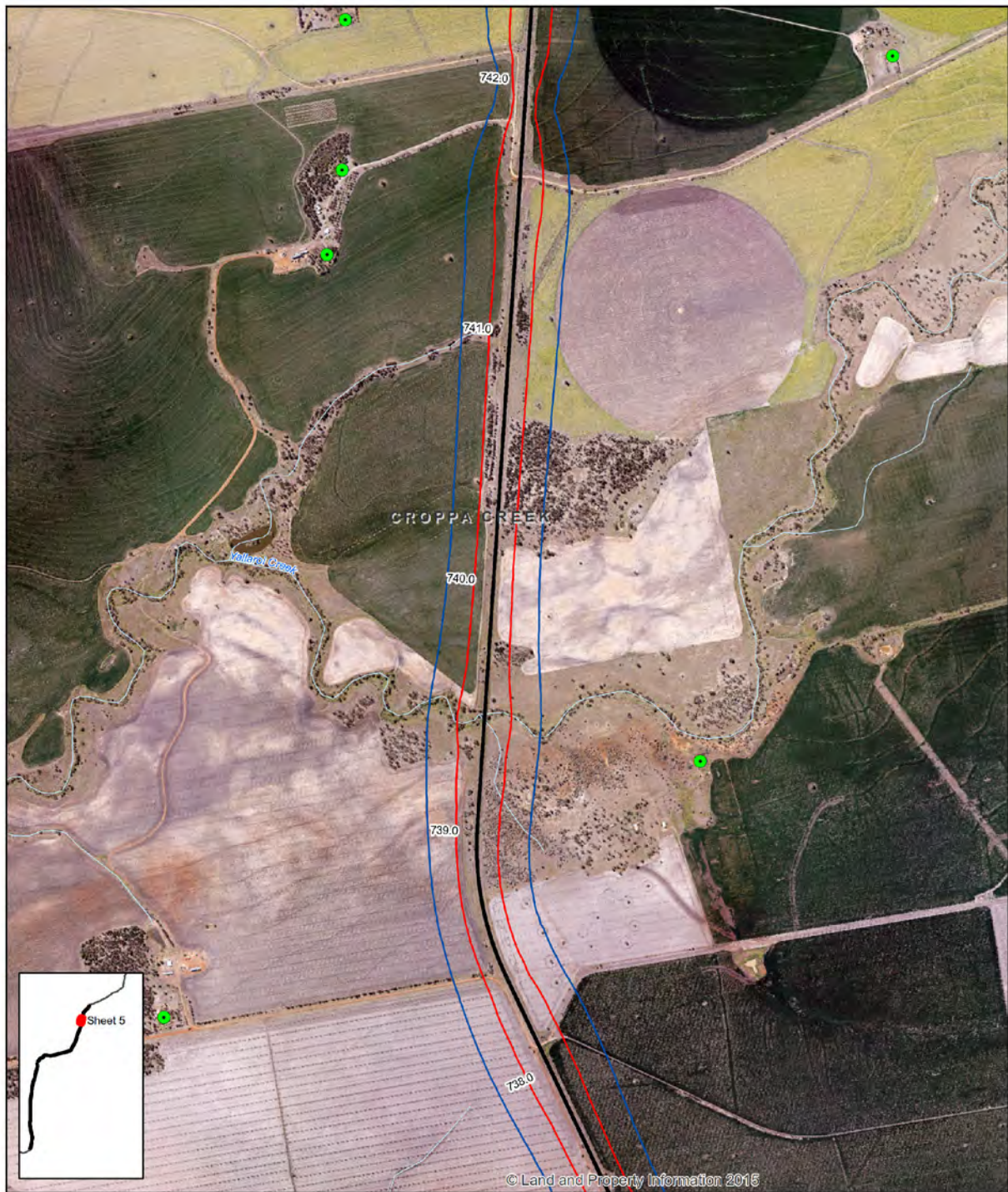
Operational rail noise contours, LAeq
2040 build vs 2040 no build

Figure E3- Sheet 4

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Data source: LPI: DTDB, 2012. LPI: Imagery, 2012. Created by: Imorton, fmacKay, kpsroba



LEGEND

- Residential receiver
- The proposal
- 2040 Build 60dB(A) LAeq 9-hour
- Watercourse
- 2040 Build 65dB(A) LAeq 15-hour

Paper Size A4
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 Metres
 Map Projection: Transverse Mercator
 Horizontal Datum: GDA 1994
 Grid: GDA 1994 MGA Zone 56



Australian Rail Track Corporation
 Inland Rail - Narrabri to North Star

Job Number 22-17916
 Revision 0
 Date 02 Jun 2017

Operational rail noise contours, LAeq
 2040 build vs 2040 no build

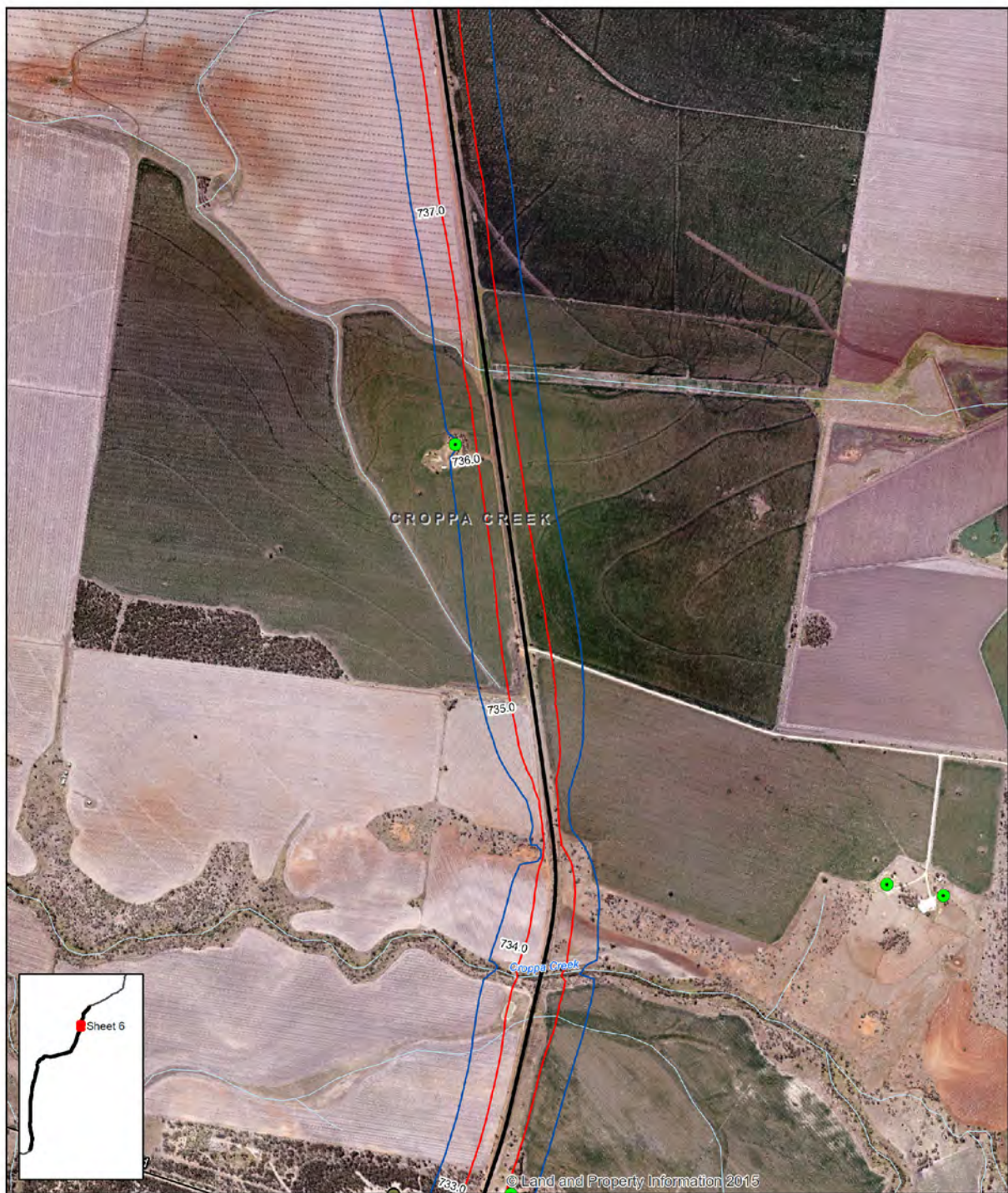
Figure E3- Sheet 5

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Data source: LPI: DTDB, 2012. LPI: Imagery, 2012. Created by: Imorton, fmacKay, kpsroba



LEGEND

- | | | |
|---|---|--|
| ● Residential receiver | — The proposal | — 2040 Build 60dB(A) LAeq 9-hour |
| ● Passive recreation | — Watercourse | — 2040 Build 65dB(A) LAeq 15-hour |
| | — Road | |

Paper Size A4
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Metres
Map Projection: Transverse Mercator
Horizontal Datum: GDA 1994
Grid: GDA 1994 MGA Zone 56



Australian Rail Track Corporation
Inland Rail - Narrabri to North Star

Job Number 22-17916
Revision 0
Date 02 Jun 2017

Operational rail noise contours, LAeq
2040 build vs 2040 no build

Figure E3- Sheet 6

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Data source: LPI: DTDB, 2012. LPI: Imagery, 2012. Created by: Imorton, fmacKay, kpsroba



LEGEND

- | | | | |
|---|---|---|--|
| ● Residential receiver | ● Education | — The proposal | — 2040 Build 60dB(A) LAeq 9-hour |
| ○ Active recreation | ● Passive recreation | — Watercourse | — 2040 Build 65dB(A) LAeq 15-hour |
| | | — Road | |

Paper Size A4
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Metres
Map Projection: Transverse Mercator
Horizontal Datum: GDA 1994
Grid: GDA 1994 MGA Zone 56



Australian Rail Track Corporation
Inland Rail - Narrabri to North Star

Job Number 22-17916
Revision 0
Date 02 Jun 2017

Operational rail noise contours, LAeq
2040 build vs 2040 no build

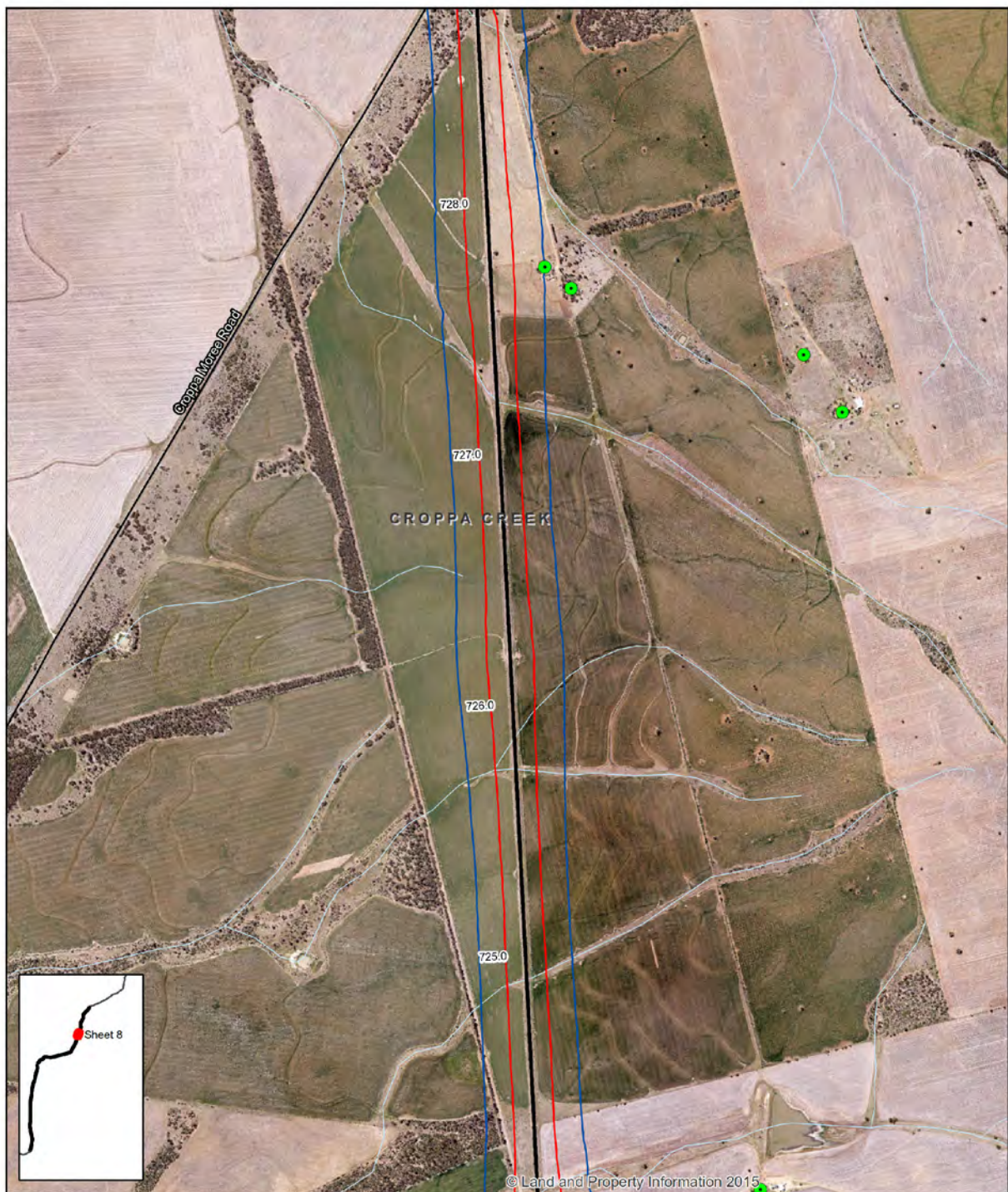
Figure E3- Sheet 7

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Data source: LPI: DTDB, 2012. LPI: Imagery, 2012. Created by: tmorton, fmacKay, kpsroba



LEGEND

- Residential receiver
- The proposal
- 2040 Build 60dB(A) LAeq 9-hour
- Watercourse
- 2040 Build 65dB(A) LAeq 15-hour
- Road

Paper Size A4
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Metres
Map Projection: Transverse Mercator
Horizontal Datum: GDA 1994
Grid: GDA 1994 MGA Zone 56



Australian Rail Track Corporation
Inland Rail - Narrabri to North Star

Job Number 22-17916
Revision 0
Date 02 Jun 2017

Operational rail noise contours, LAeq
2040 build vs 2040 no build

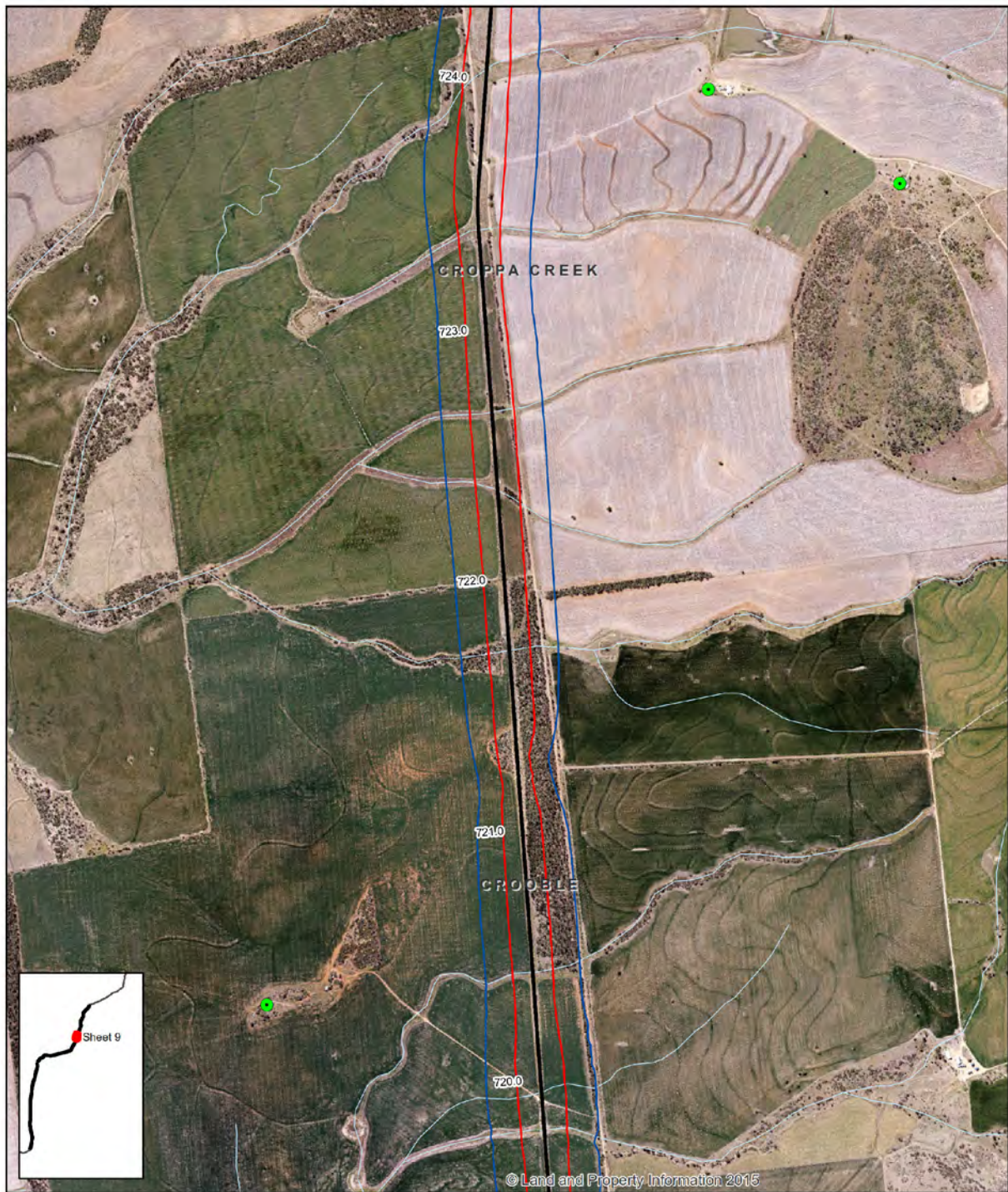
Figure E3- Sheet 8

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Data source: LPI: DTDB, 2012. LPI: Imagery, 2012. Created by: Imorton, fmacKay, kpsroba



LEGEND

- Residential receiver
- The proposal
- 2040 Build 60dB(A) LAeq 9-hour
- Watercourse
- 2040 Build 65dB(A) LAeq 15-hour

Paper Size A4
0 75 150 300 450 600
Metres
Map Projection: Transverse Mercator
Horizontal Datum: GDA 1994
Grid: GDA 1994 MGA Zone 56



Australian Rail Track Corporation
Inland Rail - Narrabri to North Star

Job Number 22-17916
Revision 0
Date 02 Jun 2017

Operational rail noise contours, LAeq
2040 build vs 2040 no build

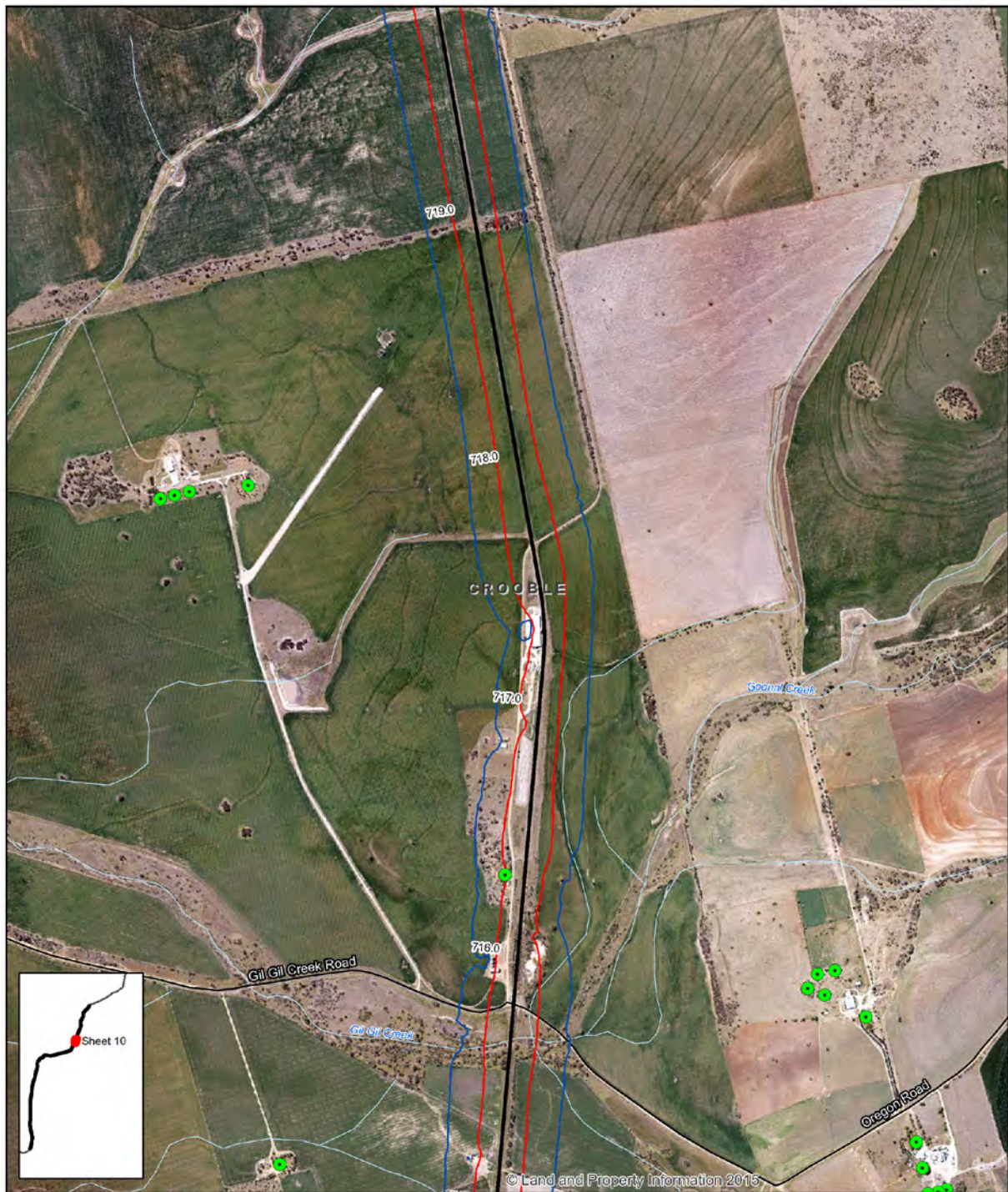
Figure E3- Sheet 9

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Data source: LPI: DTDB, 2012. LPI: Imagery, 2012. Created by: Imorton, fmackay, kpsroba



LEGEND

- Residential receiver
- The proposal
- 2040 Build 60dB(A) LAeq 9-hour
- Watercourse
- 2040 Build 65dB(A) LAeq 15-hour
- Road

Paper Size A4
0 75 150 300 450 600
Metres
Map Projection: Transverse Mercator
Horizontal Datum: GDA 1994
Grid: GDA 1994 MGA Zone 56



Australian Rail Track Corporation
Inland Rail - Narrabri to North Star

Job Number 22-17916
Revision 0
Date 02 Jun 2017

Operational rail noise contours, LAeq
2040 build vs 2040 no build

Figure E3- Sheet 10

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Data source: LPI: DTDB, 2012. LPI: Imagery, 2012. Created by: Imorton, fmacKay, kpsroba



LEGEND

- Residential receiver
- The proposal
- 2040 Build 60dB(A) LAeq 9-hour
- 2040 Build 65dB(A) LAeq 15-hour
- Watercourse
- Road

Paper Size A4
0 75 150 300 450 600
Metres
Map Projection: Transverse Mercator
Horizontal Datum: GDA 1994
Grid: GDA 1994 MGA Zone 56



Australian Rail Track Corporation
Inland Rail - Narrabri to North Star

Job Number | 22-17916
Revision | 0
Date | 02 Jun 2017

Operational rail noise contours, LAeq
2040 build vs 2040 no build

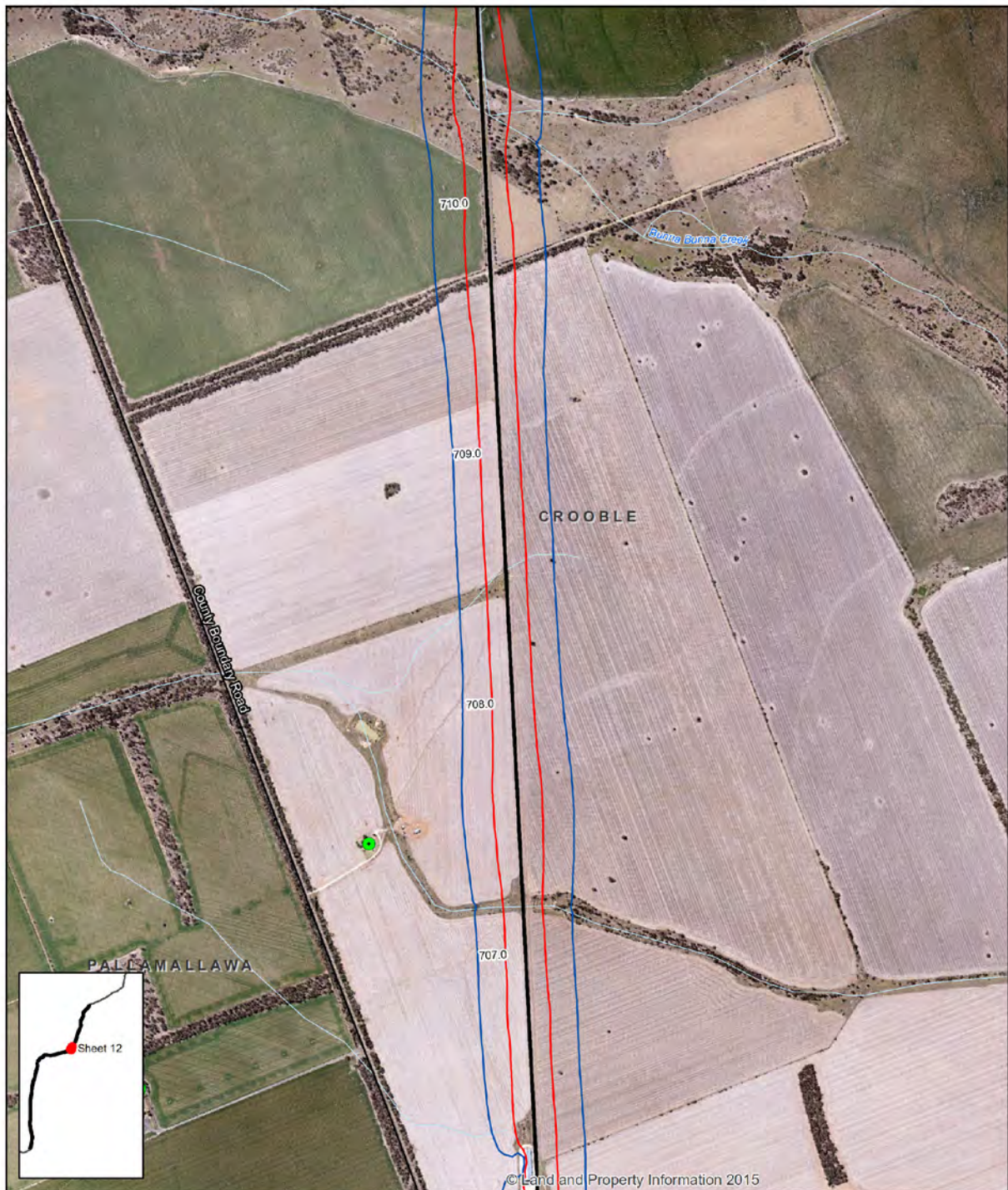
Figure E3- Sheet 11

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Data source: LPI: DTDB, 2012. LPI: Imagery, 2012. Created by: Imorton, fmacKay, kpsroba



LEGEND

- Residential receiver
- The proposal
- 2040 Build 60dB(A) LAeq 9-hour
- Watercourse
- 2040 Build 65dB(A) LAeq 15-hour
- Road

Paper Size A4
0 75 150 300 450 600
Metres
Map Projection: Transverse Mercator
Horizontal Datum: GDA 1994
Grid: GDA 1994 MGA Zone 56



Australian Rail Track Corporation
Inland Rail - Narrabri to North Star

Job Number 22-17916
Revision 0
Date 02 Jun 2017

Operational rail noise contours, LAeq
2040 build vs 2040 no build

Figure E3- Sheet 12

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Data source: LPI: DTDB, 2012. LPI: Imagery, 2012. Created by: tmorton, fmacKay, kpsroba



LEGEND

- Residential receiver
- The proposal
- 2040 Build 60dB(A) LAeq 9-hour
- Watercourse
- 2040 Build 65dB(A) LAeq 15-hour
- Road

Paper Size A4
0 75 150 300 450 600
Metres
Map Projection: Transverse Mercator
Horizontal Datum: GDA 1994
Grid: GDA 1994 MGA Zone 56



Australian Rail Track Corporation
Inland Rail - Narrabri to North Star

Job Number 22-17916
Revision 0
Date 02 Jun 2017

Operational rail noise contours, LAeq
2040 build vs 2040 no build

Figure E3- Sheet 13

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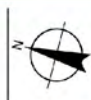
Data source: LPI: DTDB, 2012. LPI: Imagery, 2012. Created by: tmorton, fmackay, kpsroba



LEGEND

- Residential receiver
- The proposal
- 2040 Build 60dB(A) LAeq 9-hour
- Watercourse
- 2040 Build 65dB(A) LAeq 15-hour

Paper Size A4
0 75 150 300 450 600
Metres
Map Projection: Transverse Mercator
Horizontal Datum: GDA 1994
Grid: GDA 1994 MGA Zone 56



Australian Rail Track Corporation
Inland Rail - Narrabri to North Star

Job Number 22-17916
Revision 0
Date 02 Jun 2017

Operational rail noise contours, LAeq
2040 build vs 2040 no build

Figure E3- Sheet 14

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Data source: LPI: DTDB, 2012. LPI: Imagery, 2012. Created by: Imorton, fmacKay, kpsroba



LEGEND

- The proposal
- 2040 Build 60dB(A) LAeq 9-hour
- Watercourse
- 2040 Build 65dB(A) LAeq 15-hour

Paper Size A4
0 75 150 300 450 600
Metres
Map Projection: Transverse Mercator
Horizontal Datum: GDA 1994
Grid: GDA 1994 MGA Zone 56



Australian Rail Track Corporation
Inland Rail - Narrabri to North Star

Job Number 22-17916
Revision 0
Date 02 Jun 2017

Operational rail noise contours, LAeq
2040 build vs 2040 no build

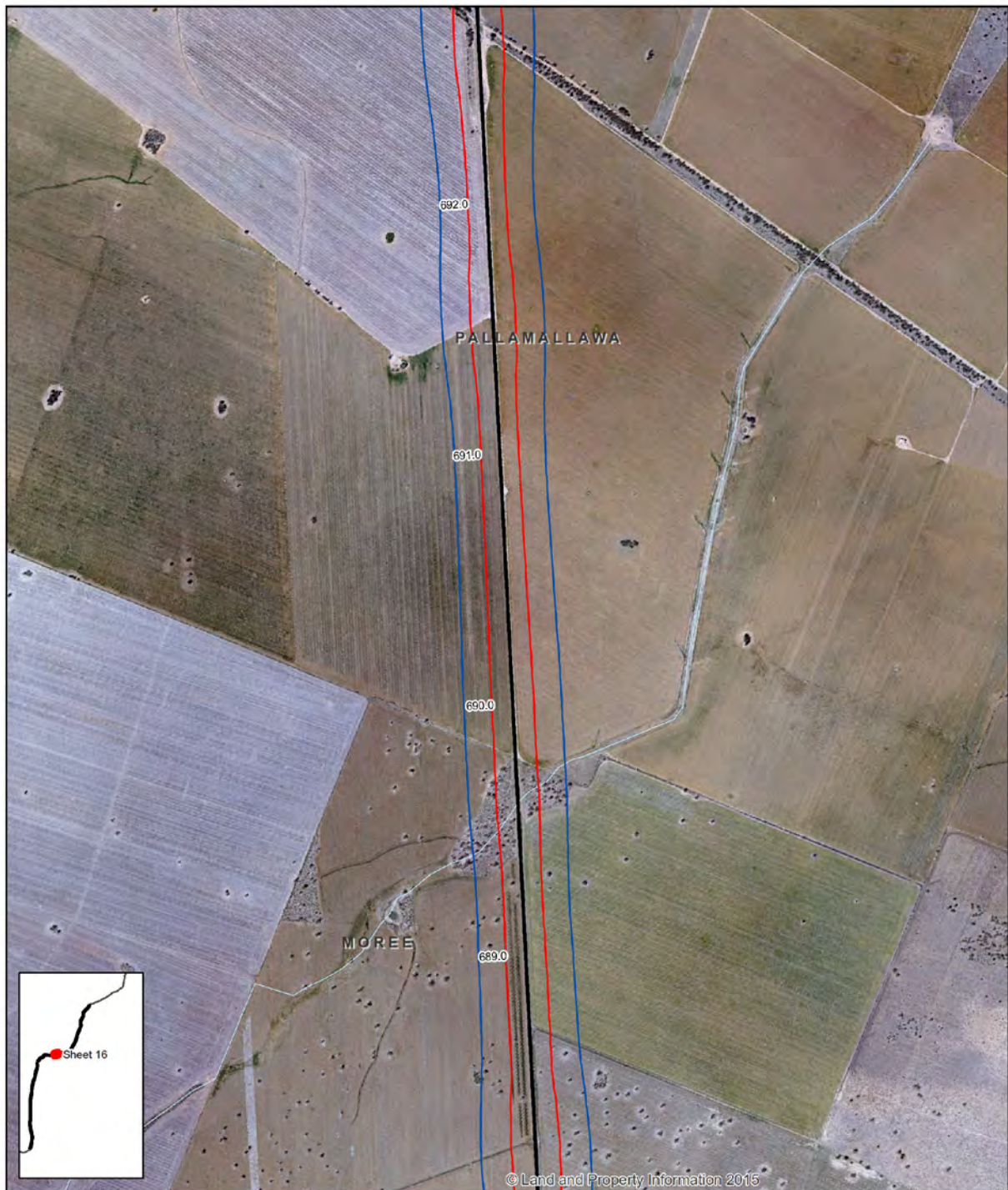
Figure E3- Sheet 15

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Data source: LPI: DTDB, 2012. LPI: Imagery, 2012. Created by: tmorton, fmacKay, kpsroba



LEGEND

- The proposal
- 2040 Build 60dB(A) LAeq 9-hour
- Watercourse
- 2040 Build 65dB(A) LAeq 15-hour

Paper Size A4
0 75 150 300 450 600
Metres
Map Projection: Transverse Mercator
Horizontal Datum: GDA 1994
Grid: GDA 1994 MGA Zone 56



Australian Rail Track Corporation
Inland Rail - Narrabri to North Star

Job Number 22-17916
Revision 0
Date 02 Jun 2017

Operational rail noise contours, LAeq
2040 build vs 2040 no build

Figure E3- Sheet 16

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Data source: LPI: DTDB, 2012. LPI: Imagery, 2012. Created by: Imorton, fmacKay, kpsroba



LEGEND

- The proposal
- 2040 Build 60dB(A) LAeq 9-hour
- 2040 Build 65dB(A) LAeq 15-hour
- Watercourse
- Road

Paper Size A4
0 75 150 300 450 600
Metres
Map Projection: Transverse Mercator
Horizontal Datum: GDA 1994
Grid: GDA 1994 MGA Zone 56



Australian Rail Track Corporation
Inland Rail - Narrabri to North Star

Job Number 22-17916
Revision 0
Date 02 Jun 2017

Operational rail noise contours, LAeq
2040 build vs 2040 no build

Figure E3- Sheet 17

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Data source: LPI: DTDB, 2012. LPI: Imagery, 2012. Created by: tmorton, fmackay, kpsroba



LEGEND

- Residential receiver
- The proposal
- 2040 Build 60dB(A) LAeq 9-hour
- 2040 Build 65dB(A) LAeq 15-hour
- Watercourse
- Road

Paper Size A4
0 75 150 300 450 600
Metres
Map Projection: Transverse Mercator
Horizontal Datum: GDA 1994
Grid: GDA 1994 MGA Zone 56



Australian Rail Track Corporation
Inland Rail - Narrabri to North Star

Job Number 22-17916
Revision 0
Date 02 Jun 2017

Operational rail noise contours, LAeq
2040 build vs 2040 no build

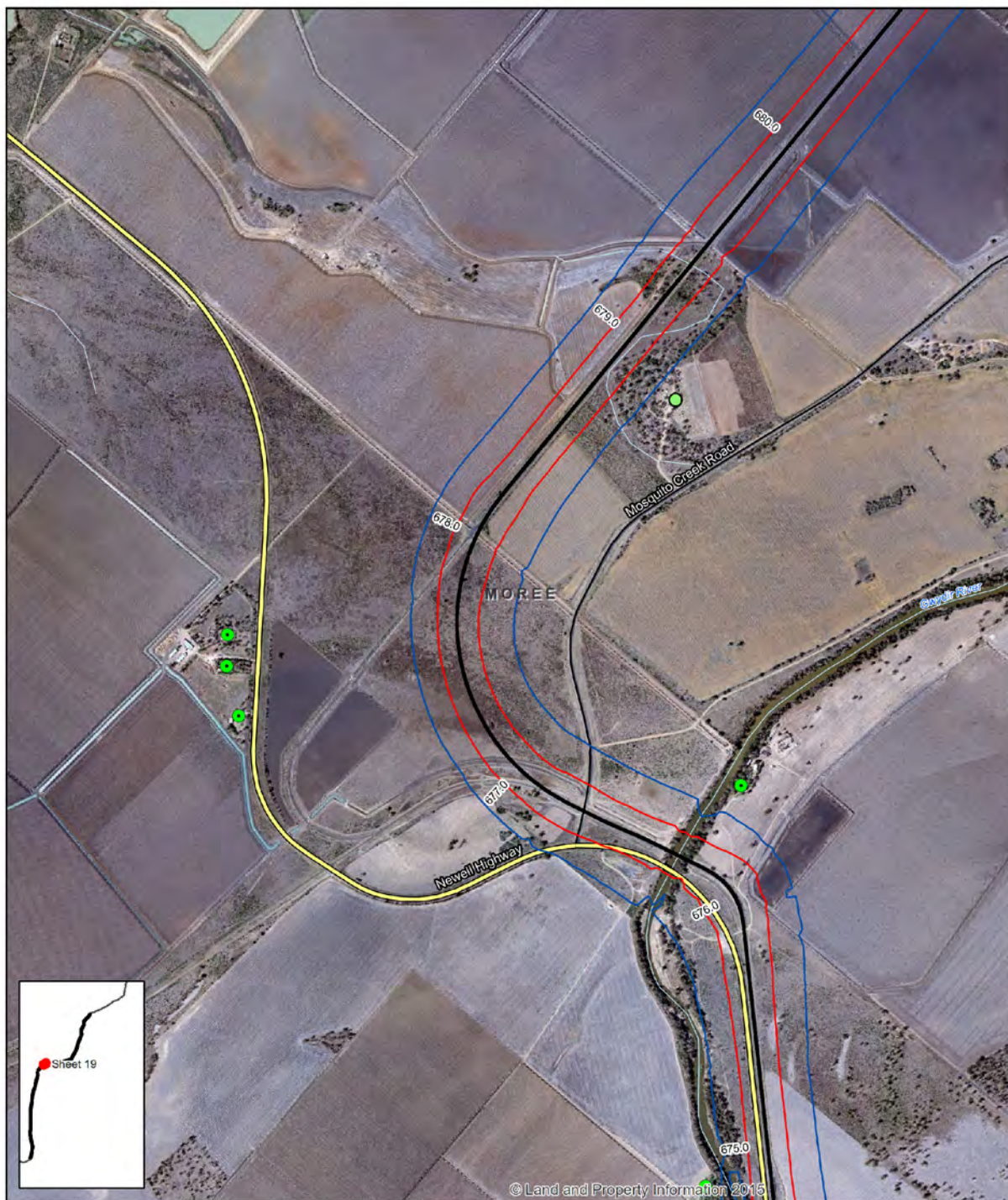
Figure E3- Sheet 18

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Data source: LPI: DTDB, 2012. LPI: Imagery, 2012. Created by: Imorton, fmacKay, kpsroba



LEGEND

- | | | |
|---|---|--|
| ● Residential receiver | — The proposal | — 2040 Build 60dB(A) LAeq 9-hour |
| ○ Active recreation | — Watercourse | — 2040 Build 65dB(A) LAeq 15-hour |
| | — Highway | |
| | — Road | |

Paper Size A4
0 75 150 300 450 600
Metres
Map Projection: Transverse Mercator
Horizontal Datum: GDA 1994
Grid: GDA 1994 MGA Zone 56



Australian Rail Track Corporation
Inland Rail - Narrabri to North Star

Job Number 22-17916
Revision 0
Date 02 Jun 2017

Operational rail noise contours, LAeq
2040 build vs 2040 no build

Figure E3- Sheet 19

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Data source: LPI: DTDB, 2012. LPI: Imagery, 2012. Created by: tmorton, fmacKay, kpsroba



LEGEND

- Residential receiver
- The proposal
- 2040 Build 60dB(A) LAeq 9-hour
- Watercourse
- 2040 Build 65dB(A) LAeq 15-hour
- Highway
- Road

Paper Size A4
0 75 150 300 450 600
Metres
Map Projection: Transverse Mercator
Horizontal Datum: GDA 1994
Grid: GDA 1994 MGA Zone 56



Australian Rail Track Corporation
Inland Rail - Narrabri to North Star

Job Number | 22-17916
Revision | 0
Date | 02 Jun 2017

Operational rail noise contours, LAeq
2040 build vs 2040 no build

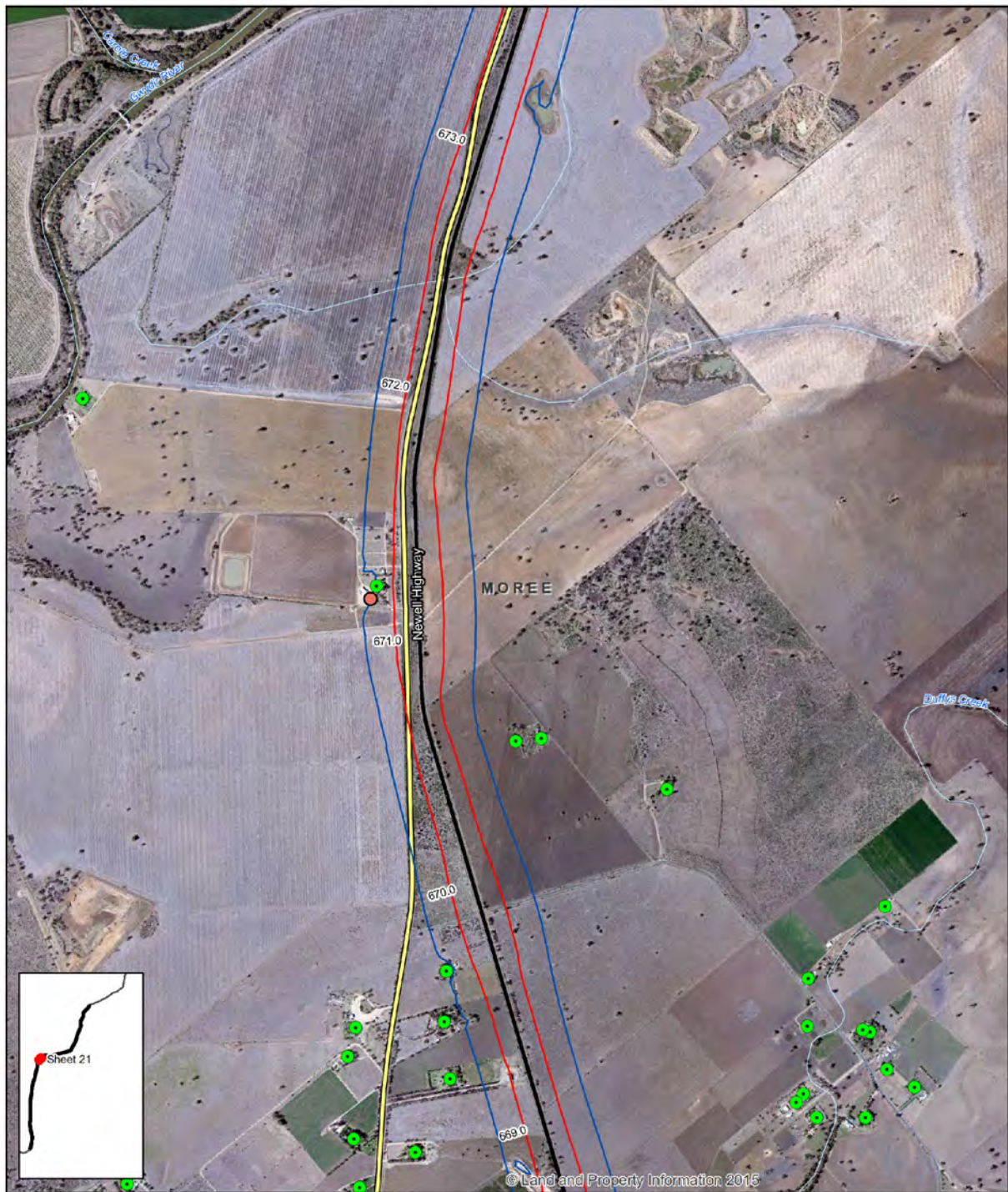
Figure E3- Sheet 20

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Data source: LPI: DTDB, 2012. LPI: Imagery, 2012. Created by: Imorton, fmacKay, kproba



LEGEND

- | | | |
|---|---|--|
| ● Residential receiver | — The proposal | — 2040 Build 60dB(A) LAeq 9-hour |
| ● Education | — Watercourse | — 2040 Build 65dB(A) LAeq 15-hour |
| | — Highway | |
| | — Road | |

Paper Size A4
0 75 150 300 450 600
Metres
Map Projection: Transverse Mercator
Horizontal Datum: GDA 1994
Grid: GDA 1994 MGA Zone 56



Australian Rail Track Corporation
Inland Rail - Narrabri to North Star

Job Number 22-17916
Revision 0
Date 02 Jun 2017

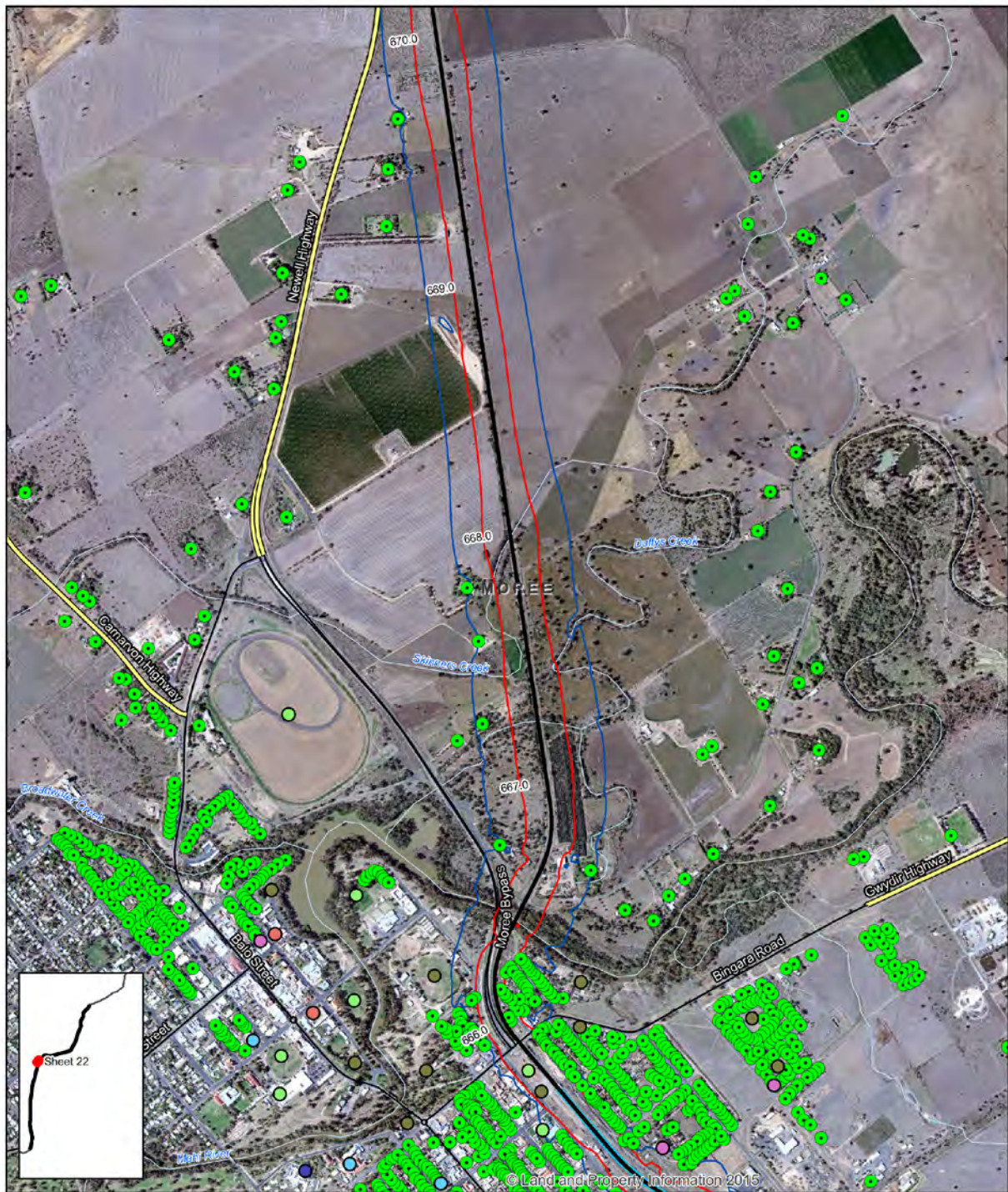
Operational rail noise contours, LAeq
2040 build vs 2040 no build

Figure E3- Sheet 21

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Data source: LPI: DTDB, 2012. LPI: Imagery, 2012. Created by: tmorton, fmacKay, kproba



LEGEND

- | | | | |
|---|---|---|---|
| ● Residential receiver | ● Health | — The proposal | — 2040 Build 60dB(A) LAeq 9-hour |
| ○ Active recreation | ● Passive recreation | — Watercourse | — 2040 Build 65dB(A) LAeq 15-hour |
| ● Aged care | ● Religious | — Highway | — 2040 No-Build 60dB(A) LAeq 9-hour |
| ● Education | | — Road | — 2040 No-Build 65dB(A) LAeq 15-hour |

Paper Size A4
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Metres
Map Projection: Transverse Mercator
Horizontal Datum: GDA 1994
Grid: GDA 1994 MGA Zone 56



Australian Rail Track Corporation
Inland Rail - Narrabri to North Star

Operational rail noise contours, LAeq
2040 build vs 2040 no build

Job Number 22-17916
Revision 0
Date 02 Jun 2017

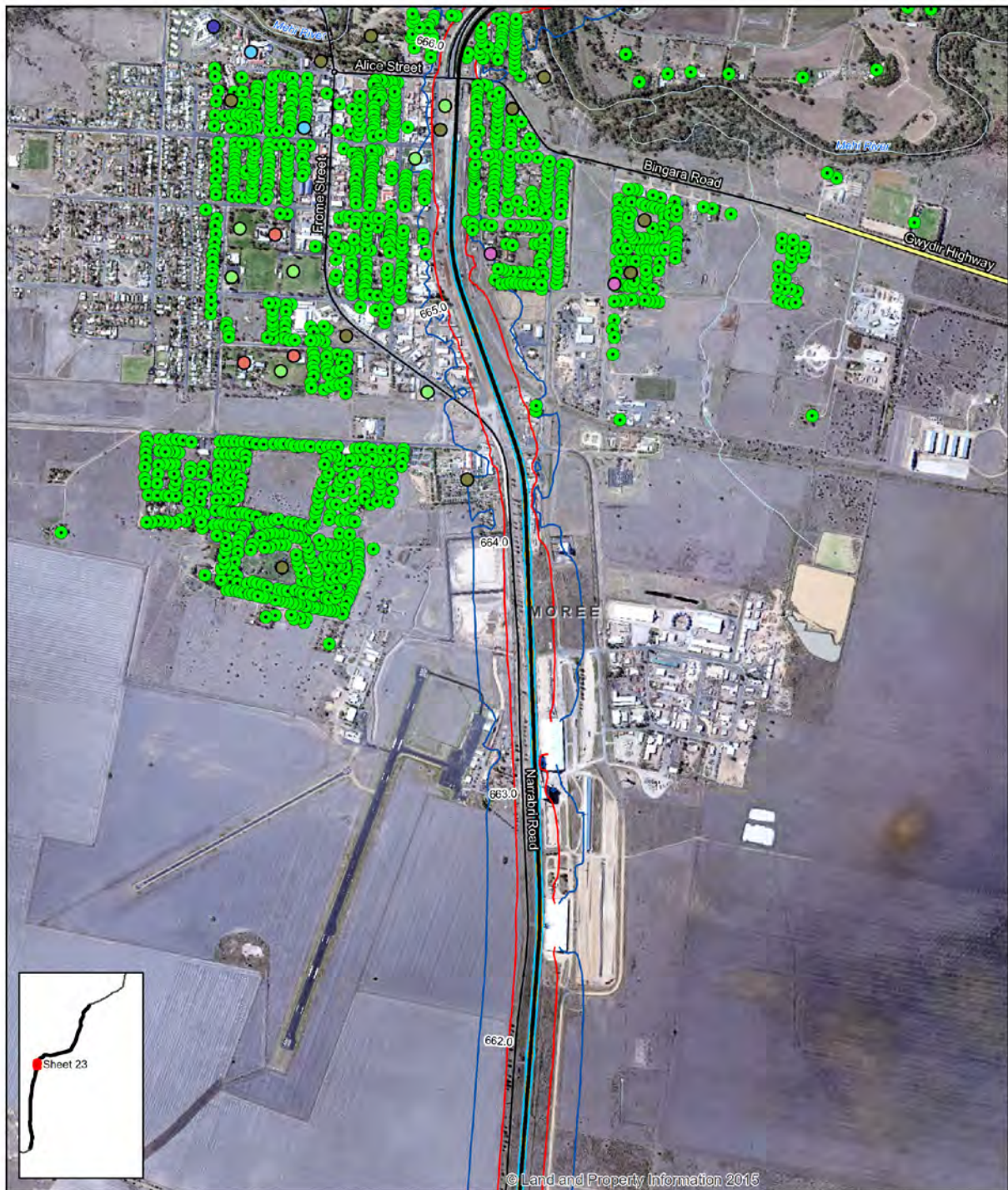
Figure E3- Sheet 22

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Data source: LPI: DTDB, 2012. LPI: Imagery, 2012. Created by: tmorton, fmacKay, kpsroba



LEGEND

- | | | | |
|---|---|---|--|
| ● Residential receiver | ● Health | — The proposal | — 2040 Build 60dB(A) LAeq 9-hour |
| ● Active recreation | ● Passive recreation | — Watercourse | — 2040 Build 65dB(A) LAeq 15-hour |
| ● Aged care | ● Religious | — Highway | — 2040 No-Build 60dB(A) LAeq 9-hour |
| ● Education | | — Road | — 2040 No-Build 65dB(A) LAeq 15-hour |

Paper Size A4
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Metres
Map Projection: Transverse Mercator
Horizontal Datum: GDA 1994
Grid: GDA 1994 MGA Zone 56



Australian Rail Track Corporation
Inland Rail - Narrabri to North Star

Job Number 22-17916
Revision 0
Date 02 Jun 2017

Operational rail noise contours, LAeq
2040 build vs 2040 no build

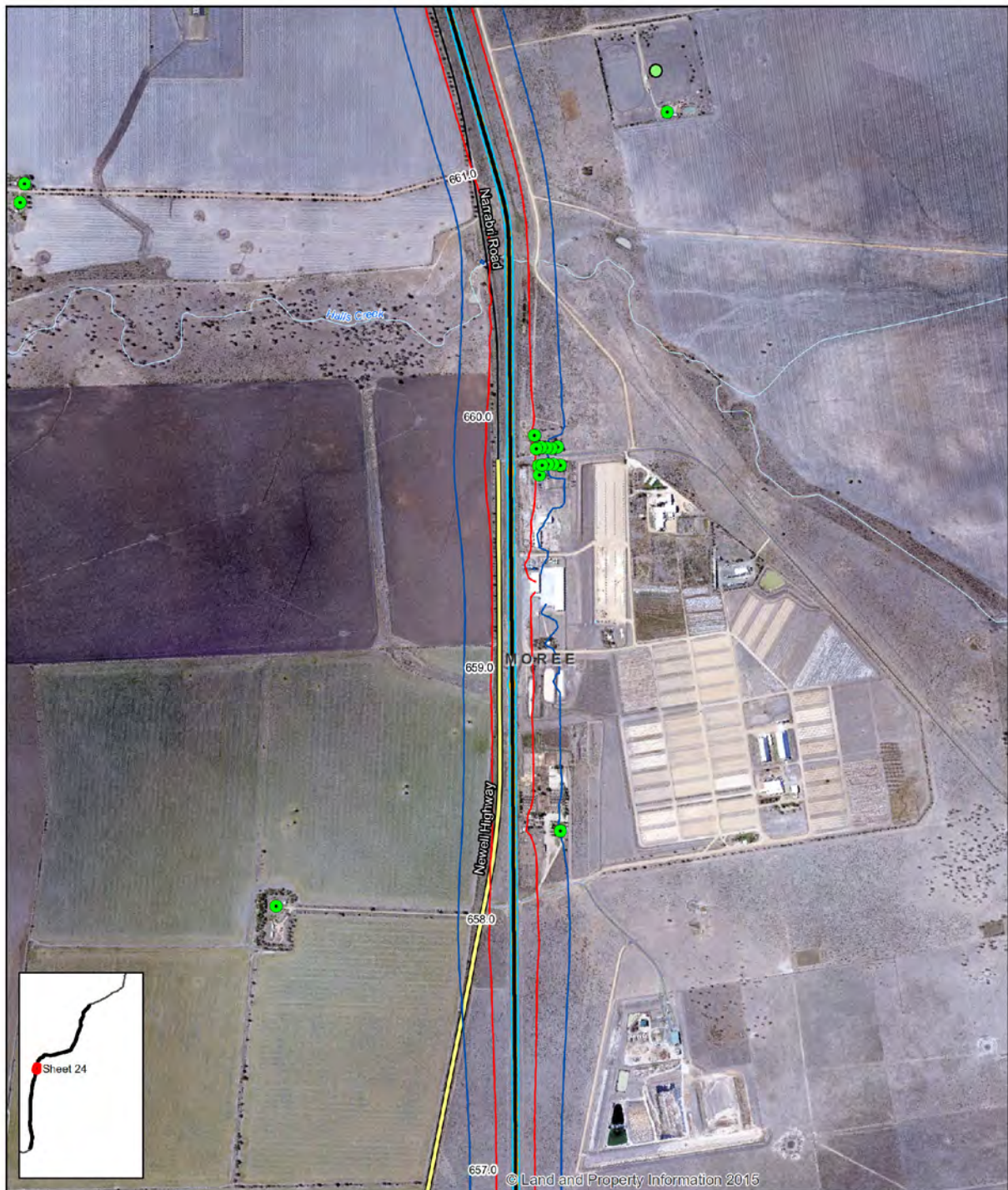
Figure E3- Sheet 23

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Data source: LPI: DTDB, 2012. LPI: Imagery, 2012. Created by: tmorton, fmacKay, kpsroba



LEGEND

- | | | |
|---|---|---|
| ● Residential receiver | — The proposal | — 2040 Build 60dB(A) LAeq 9-hour |
| ○ Active recreation | — Watercourse | — 2040 Build 65dB(A) LAeq 15-hour |
| | — Highway | — 2040 No-Build 60dB(A) LAeq 9-hour |
| | — Road | — 2040 No-Build 65dB(A) LAeq 15-hour |

Paper Size A4
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Metres
Map Projection: Transverse Mercator
Horizontal Datum: GDA 1994
Grid: GDA 1994 MGA Zone 56



Australian Rail Track Corporation
Inland Rail - Narrabri to North Star

Job Number 22-17916
Revision 0
Date 02 Jun 2017

Operational rail noise contours, LAeq
2040 build vs 2040 no build

Figure E3- Sheet 24

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Data source: LPI: DTDB, 2012. LPI: Imagery, 2012. Created by: Imorton, fmacKay, kpsroba



LEGEND

- | | | |
|---|---|--|
| ● Residential receiver | — The proposal | — 2040 Build 60dB(A) LAeq 9-hour |
| — Watercourse | — Highway | — 2040 Build 65dB(A) LAeq 15-hour |
| — Road | — 2040 No-Build 60dB(A) LAeq 9-hour | — 2040 No-Build 65dB(A) LAeq 15-hour |

Paper Size A4
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Metres
Map Projection: Transverse Mercator
Horizontal Datum: GDA 1994
Grid: GDA 1994 MGA Zone 56



Australian Rail Track Corporation
Inland Rail - Narrabri to North Star

Job Number 22-17916
Revision 0
Date 02 Jun 2017

Operational rail noise contours, LAeq
2040 build vs 2040 no build

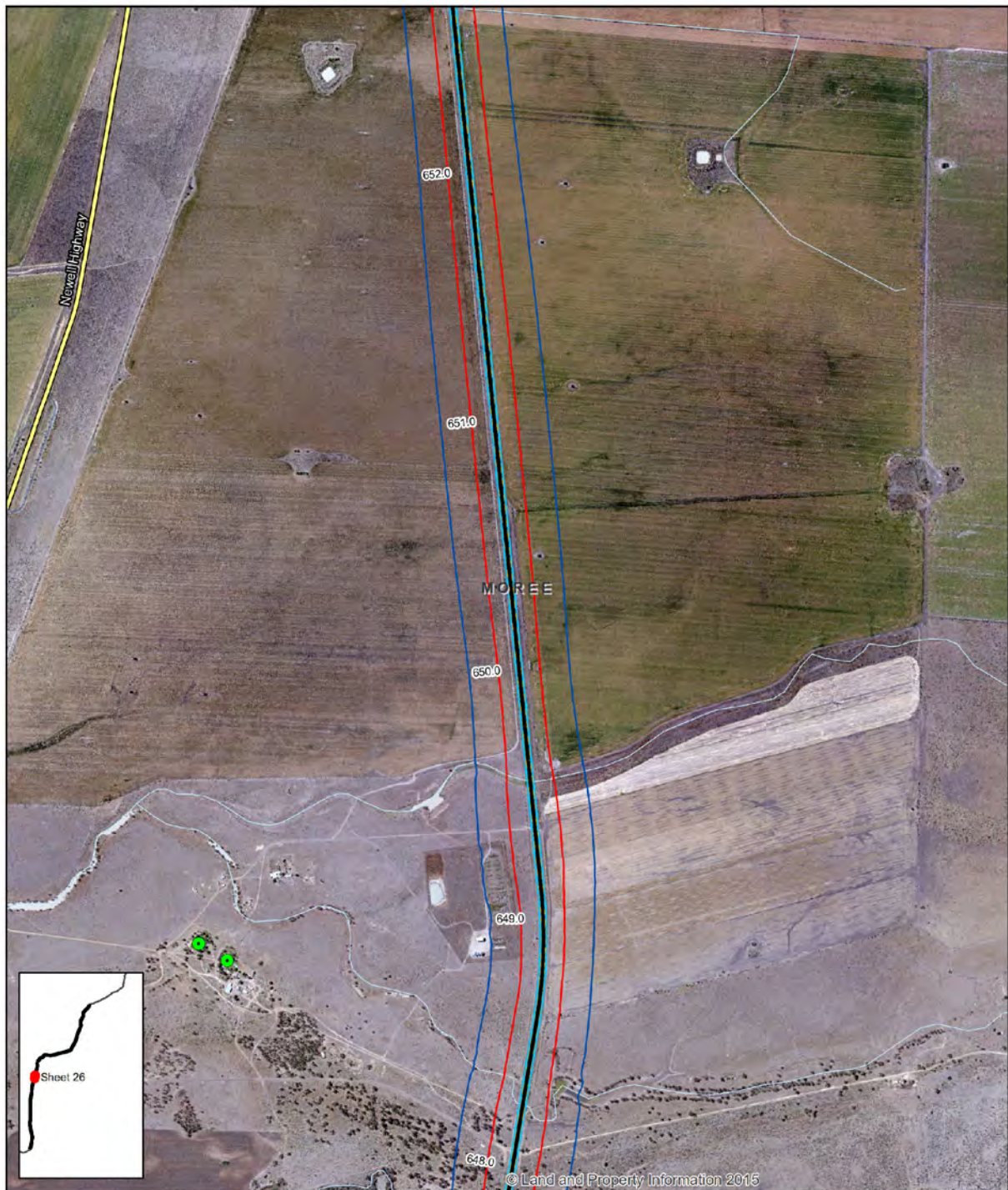
Figure E3- Sheet 25

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Data source: LPI: DTDB, 2012. LPI: Imagery, 2012. Created by: tmorton, fmacKay, kproba



LEGEND

- | | | |
|---|--------------|------------------------------------|
| ● Residential receiver | The proposal | 2040 Build 60dB(A) LAeq 9-hour |
| | Watercourse | 2040 Build 65dB(A) LAeq 15-hour |
| | Highway | 2040 No-Build 60dB(A) LAeq 9-hour |
| | Road | 2040 No-Build 65dB(A) LAeq 15-hour |

Paper Size A4
0 75 150 300 450 600
Metres
Map Projection: Transverse Mercator
Horizontal Datum: GDA 1994
Grid: GDA 1994 MGA Zone 56



Australian Rail Track Corporation
Inland Rail - Narrabri to North Star

Job Number 22-17916
Revision 0
Date 02 Jun 2017

Operational rail noise contours, LAeq
2040 build vs 2040 no build

Figure E3- Sheet 26

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Data source: LPI: DTDB, 2012. LPI: Imagery, 2012. Created by: tmorton, fmacKay, kpsroba



LEGEND

- | | | |
|---|---|--|
| ● Residential receiver | — The proposal | — 2040 Build 60dB(A) LAeq 9-hour |
| — Watercourse | — Highway | — 2040 Build 65dB(A) LAeq 15-hour |
| — Road | — 2040 No-Build 60dB(A) LAeq 9-hour | — 2040 No-Build 65dB(A) LAeq 15-hour |

Paper Size A4
0 75 150 300 450 600
Metres
Map Projection: Transverse Mercator
Horizontal Datum: GDA 1994
Grid: GDA 1994 MGA Zone 56



Australian Rail Track Corporation
Inland Rail - Narrabri to North Star

Job Number | 22-17916
Revision | 0
Date | 02 Jun 2017

Operational rail noise contours, LAeq
2040 build vs 2040 no build

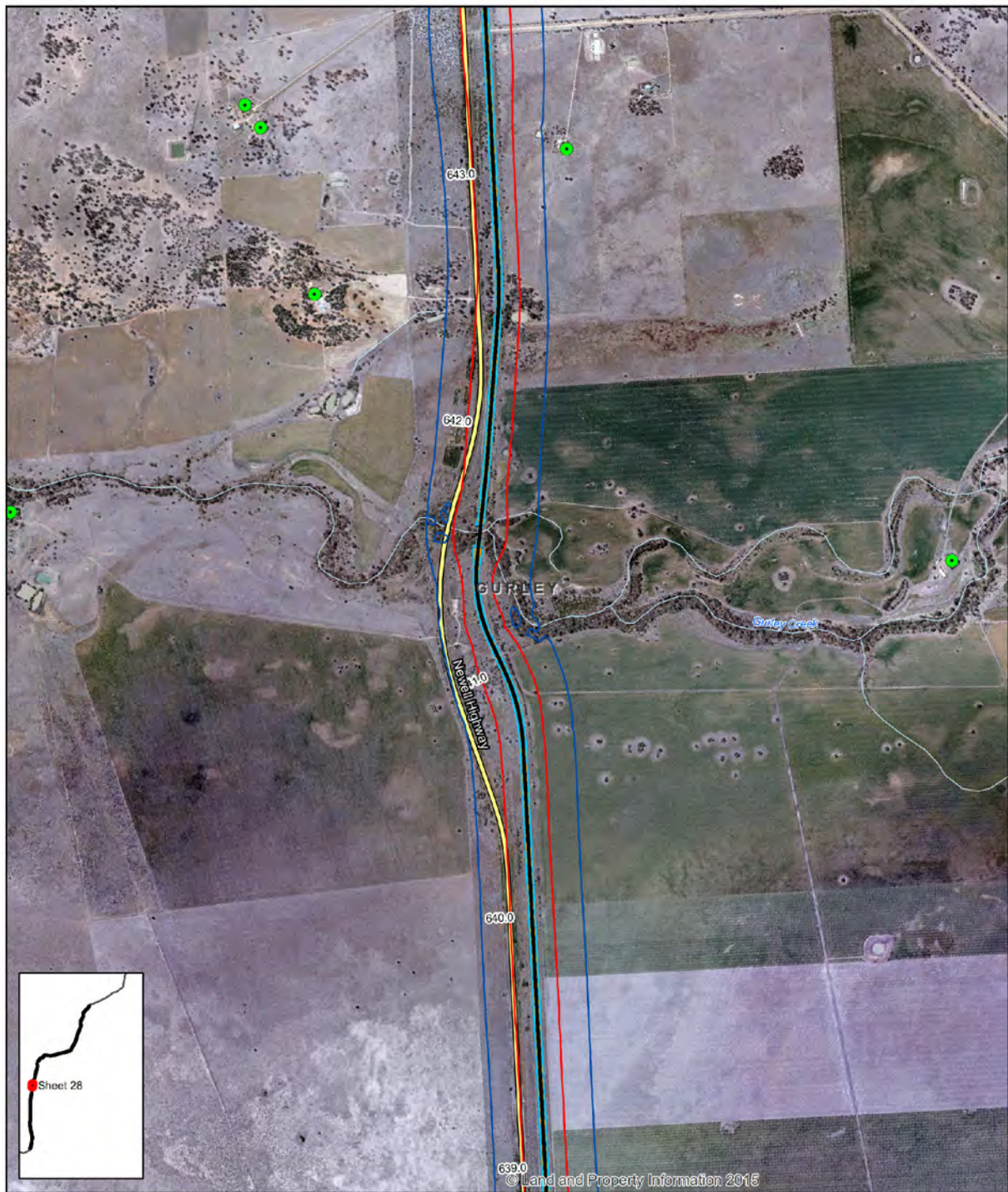
Figure E3- Sheet 27

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Data source: LPI: DTDB, 2012. LPI: Imagery, 2012. Created by: tmorton, fmacKay, kpsroba



LEGEND

- | | | |
|---|---|--|
| ● Residential receiver | — The proposal | — 2040 Build 60dB(A) LAeq 9-hour |
| — Watercourse | — Highway | — 2040 Build 65dB(A) LAeq 15-hour |
| — Road | — 2040 No-Build 60dB(A) LAeq 9-hour | — 2040 No-Build 65dB(A) LAeq 15-hour |

Paper Size A4
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Metres
Map Projection: Transverse Mercator
Horizontal Datum: GDA 1994
Grid: GDA 1994 MGA Zone 56



Australian Rail Track Corporation
Inland Rail - Narrabri to North Star

Job Number 22-17916
Revision 0
Date 02 Jun 2017

Operational rail noise contours, LAeq
2040 build vs 2040 no build

Figure E3- Sheet 28

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Data source: LPI: DTDB, 2012. LPI: Imagery, 2012. Created by: Imorton, fmacKay, kpsroba



LEGEND

- | | | |
|---|--------------|------------------------------------|
| ● Residential receiver | The proposal | 2040 Build 60dB(A) LAeq 9-hour |
| Passive recreation | Watercourse | 2040 Build 65dB(A) LAeq 15-hour |
| | Highway | 2040 No-Build 60dB(A) LAeq 9-hour |
| | Road | 2040 No-Build 65dB(A) LAeq 15-hour |

Paper Size A4
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Metres
Map Projection: Transverse Mercator
Horizontal Datum: GDA 1994
Grid: GDA 1994 MGA Zone 56



Australian Rail Track Corporation
Inland Rail - Narrabri to North Star

Job Number | 22-17916
Revision | 0
Date | 02 Jun 2017

Operational rail noise contours, LAeq
2040 build vs 2040 no build

Figure E3- Sheet 29

G:\2217916\GIS\Maps\Deliverables\N2NS\Noise\2217916_N005_NNS_2040_Leq_0.mxd

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Data source: LPI: DTDB, 2012. LPI: Imagery, 2012. Created by: tmorton, fmacKay, kpsroba



LEGEND

- | | | |
|---|---|--|
| ● Residential receiver | — The proposal | — 2040 Build 60dB(A) LAeq 9-hour |
| — Watercourse | — Highway | — 2040 Build 65dB(A) LAeq 15-hour |
| — Road | — 2040 No-Build 60dB(A) LAeq 9-hour | — 2040 No-Build 65dB(A) LAeq 15-hour |

Paper Size A4
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Metres
Map Projection: Transverse Mercator
Horizontal Datum: GDA 1994
Grid: GDA 1994 MGA Zone 56



Australian Rail Track Corporation
Inland Rail - Narrabri to North Star

Job Number 22-17916
Revision 0
Date 02 Jun 2017

Operational rail noise contours, LAeq
2040 build vs 2040 no build

Figure E3- Sheet 30

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Data source: LPI: DTDB, 2012. LPI: Imagery, 2012. Created by: Imorton, fmacKay, kpsroba



LEGEND

- | | | |
|---|-----------------------------------|------------------------------------|
| ● Residential receiver | The proposal | 2040 Build 60dB(A) LAeq 9-hour |
| Watercourse | Highway | 2040 Build 65dB(A) LAeq 15-hour |
| Road | 2040 No-Build 60dB(A) LAeq 9-hour | 2040 No-Build 65dB(A) LAeq 15-hour |

Paper Size A4
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Metres
Map Projection: Transverse Mercator
Horizontal Datum: GDA 1994
Grid: GDA 1994 MGA Zone 56



Australian Rail Track Corporation
Inland Rail - Narrabri to North Star

Job Number 22-17916
Revision 0
Date 02 Jun 2017

Operational rail noise contours, LAeq
2040 build vs 2040 no build

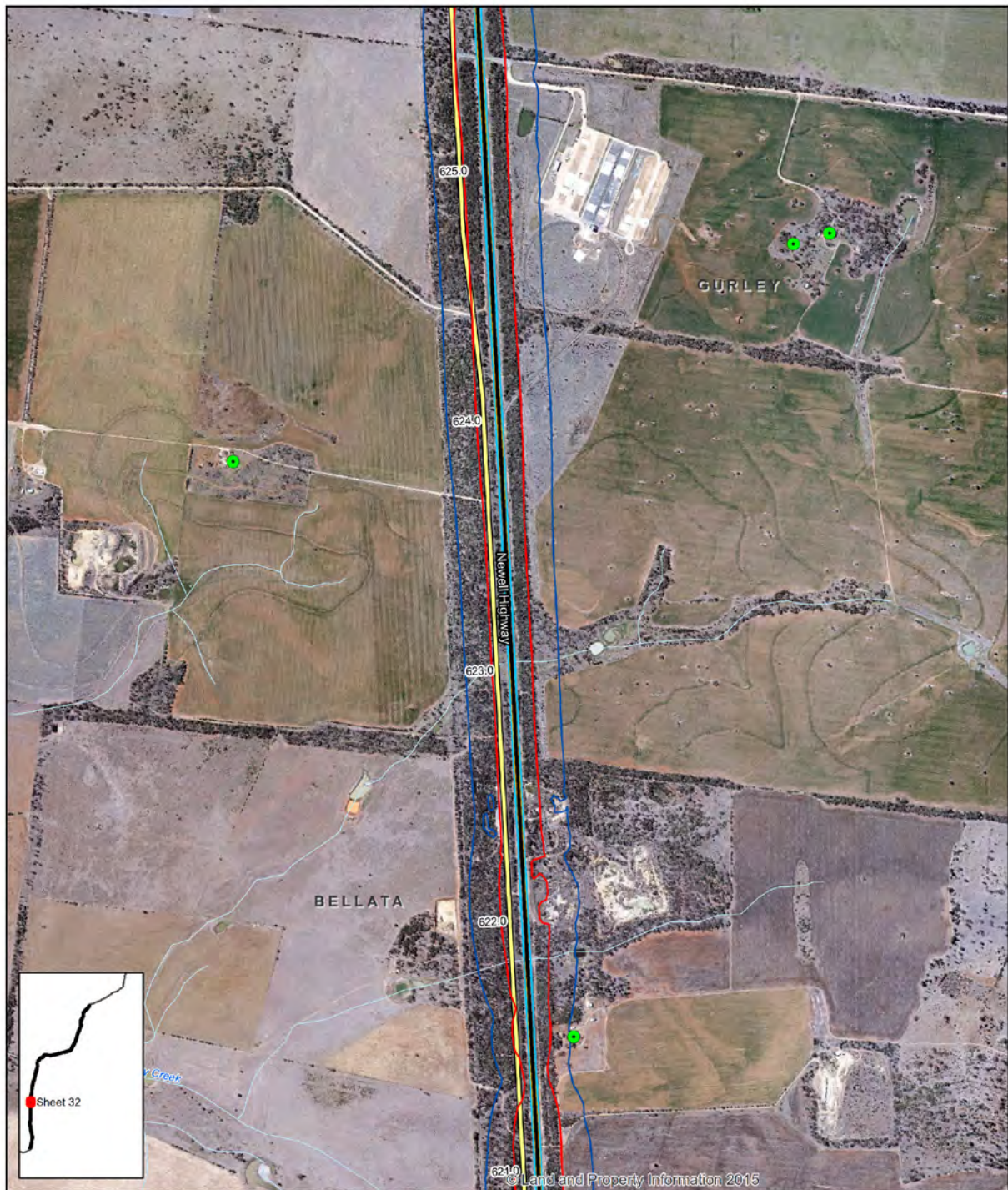
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Data source: LPI: DTDB, 2012. LPI: Imagery, 2012. Created by: Imorton, fmackay, kpsroba



LEGEND

- | | | |
|---|---|--|
| ● Residential receiver | — The proposal | — 2040 Build 60dB(A) LAeq 9-hour |
| — Watercourse | — Highway | — 2040 Build 65dB(A) LAeq 15-hour |
| — Road | | — 2040 No-Build 60dB(A) LAeq 9-hour |
| | | — 2040 No-Build 65dB(A) LAeq 15-hour |

Paper Size A4
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Metres
Map Projection: Transverse Mercator
Horizontal Datum: GDA 1994
Grid: GDA 1994 MGA Zone 56



Australian Rail Track Corporation
Inland Rail - Narrabri to North Star

Job Number 22-17916
Revision 0
Date 02 Jun 2017

Operational rail noise contours, LAeq
2040 build vs 2040 no build

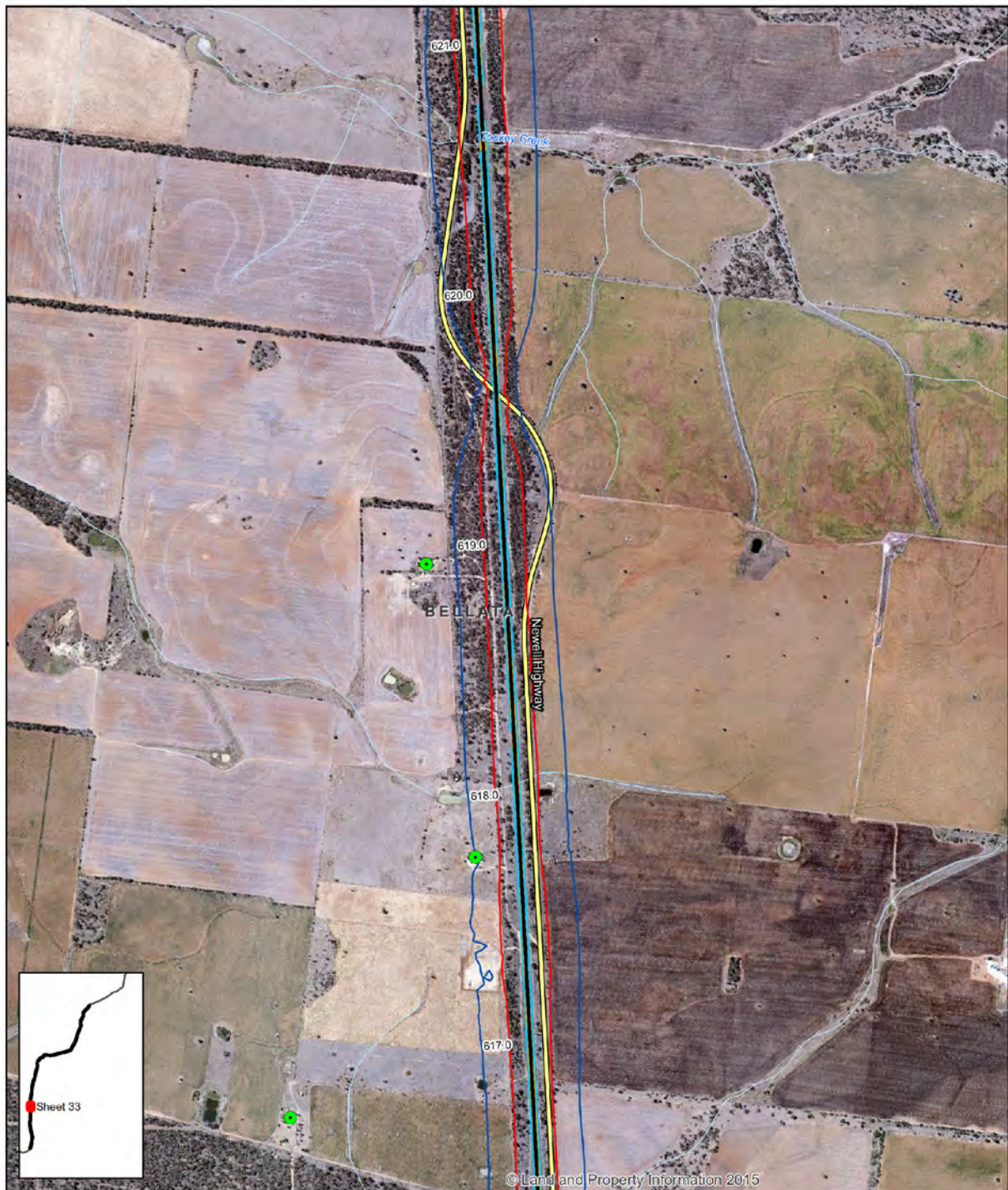
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Data source: LPI: DTDB, 2012. LPI: Imagery, 2012. Created by: tmorton, fmacKay, kpsroba



LEGEND

- | | | |
|---|---|---|
| ● Residential receiver | — The proposal | — 2040 Build 60dB(A) LAeq 9-hour |
| — Watercourse | — Highway | — 2040 Build 65dB(A) LAeq 15-hour |
| — Road | — 2040 No-Build 60dB(A) LAeq 9-hour | — 2040 No-Build 65dB(A) LAeq 15-hour |

Paper Size A4
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Metres
Map Projection: Transverse Mercator
Horizontal Datum: GDA 1994
Grid: GDA 1994 MGA Zone 56



Australian Rail Track Corporation
Inland Rail - Narrabri to North Star

Job Number 22-17916
Revision 0
Date 02 Jun 2017

Operational rail noise contours, LAeq
2040 build vs 2040 no build

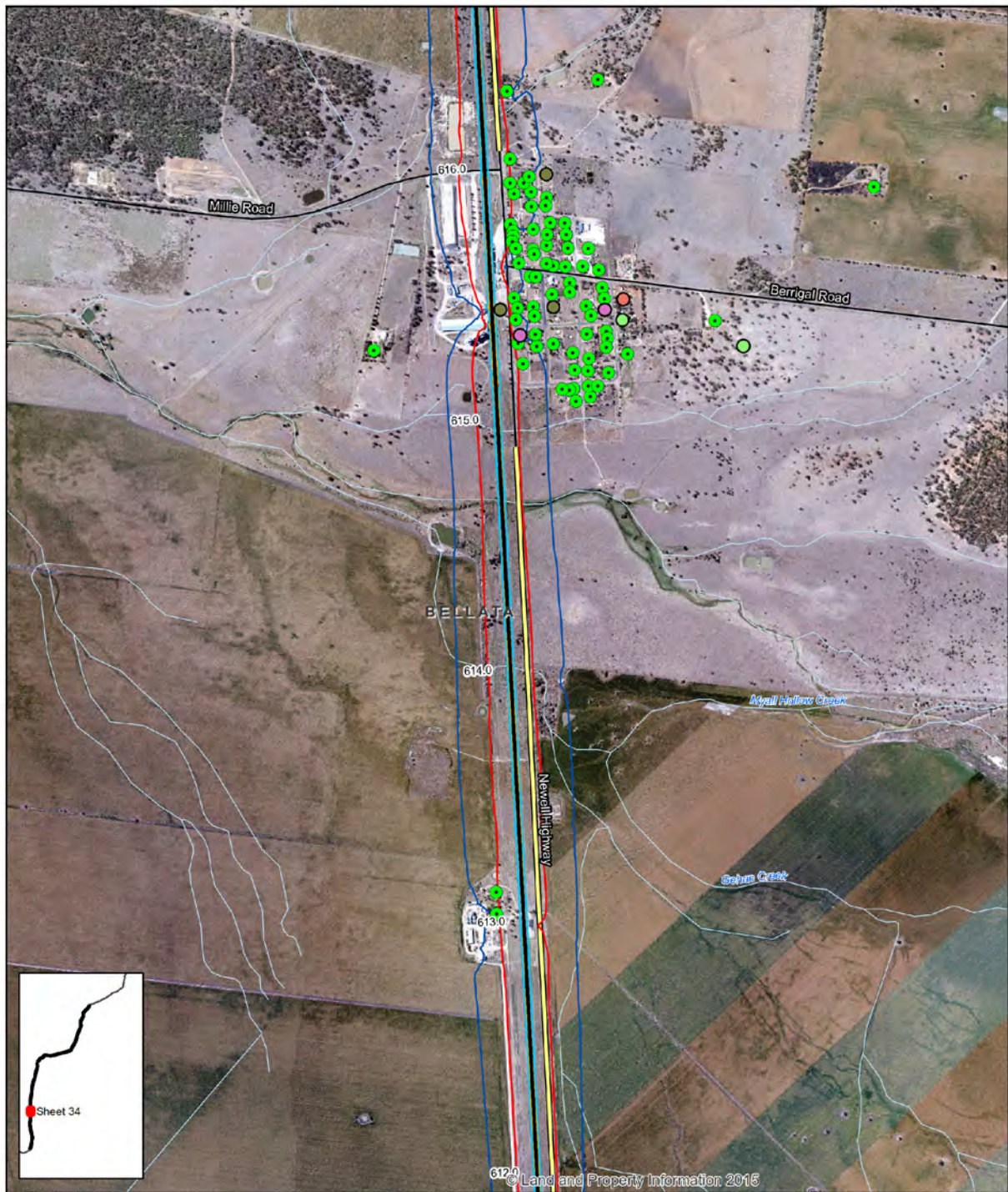
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Data source: LPI: DTDB, 2012. LPI: Imagery, 2012. Created by: tmorton, fmacKay, kpsroba



LEGEND

- | | | | |
|---|---|--|--|
| ● Residential receiver | ● Passive recreation | — The proposal | — 2040 Build 60dB(A) LAeq 9-hour |
| ○ Active recreation | ● Religious | — Watercourse | — 2040 Build 65dB(A) LAeq 15-hour |
| ● Education | | — Highway | — 2040 No-Build 60dB(A) LAeq 9-hour |
| | | — Road | — 2040 No-Build 65dB(A) LAeq 15-hour |

Paper Size A4
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Metres
Map Projection: Transverse Mercator
Horizontal Datum: GDA 1994
Grid: GDA 1994 MGA Zone 56



Australian Rail Track Corporation
Inland Rail - Narrabri to North Star

Job Number 22-17916
Revision 0
Date 02 Jun 2017

Operational rail noise contours, LAeq
2040 build vs 2040 no build

Figure E3- Sheet 34

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Data source: LPI: DTDB, 2012. LPI: Imagery, 2012. Created by: Imorton, fmacKay, kpsroba



LEGEND

- | | | |
|---|-----------------------------------|------------------------------------|
| ● Residential receiver | The proposal | 2040 Build 60dB(A) LAeq 9-hour |
| Watercourse | Highway | 2040 Build 65dB(A) LAeq 15-hour |
| Road | 2040 No-Build 60dB(A) LAeq 9-hour | 2040 No-Build 65dB(A) LAeq 15-hour |

Paper Size A4
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Metres
Map Projection: Transverse Mercator
Horizontal Datum: GDA 1994
Grid: GDA 1994 MGA Zone 56



Australian Rail Track Corporation
Inland Rail - Narrabri to North Star

Job Number 22-17916
Revision 0
Date 02 Jun 2017

Operational rail noise contours, LAeq
2040 build vs 2040 no build

Figure E3- Sheet 35

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Data source: LPI: DTDB, 2012. LPI: Imagery, 2012. Created by: Imorton, fmacKay, kpsroba



LEGEND

- | | | |
|---|---|---|
| ● Residential receiver | — The proposal | — 2040 Build 60dB(A) LAeq 9-hour |
| — Watercourse | — Highway | — 2040 Build 65dB(A) LAeq 15-hour |
| — Road | — 2040 No-Build 60dB(A) LAeq 9-hour | — 2040 No-Build 65dB(A) LAeq 15-hour |

Paper Size A4
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Map Projection: Transverse Mercator
Horizontal Datum: GDA 1994
Grid: GDA 1994 MGA Zone 56



Australian Rail Track Corporation
Inland Rail - Narrabri to North Star

Job Number 22-17916
Revision 0
Date 02 Jun 2017

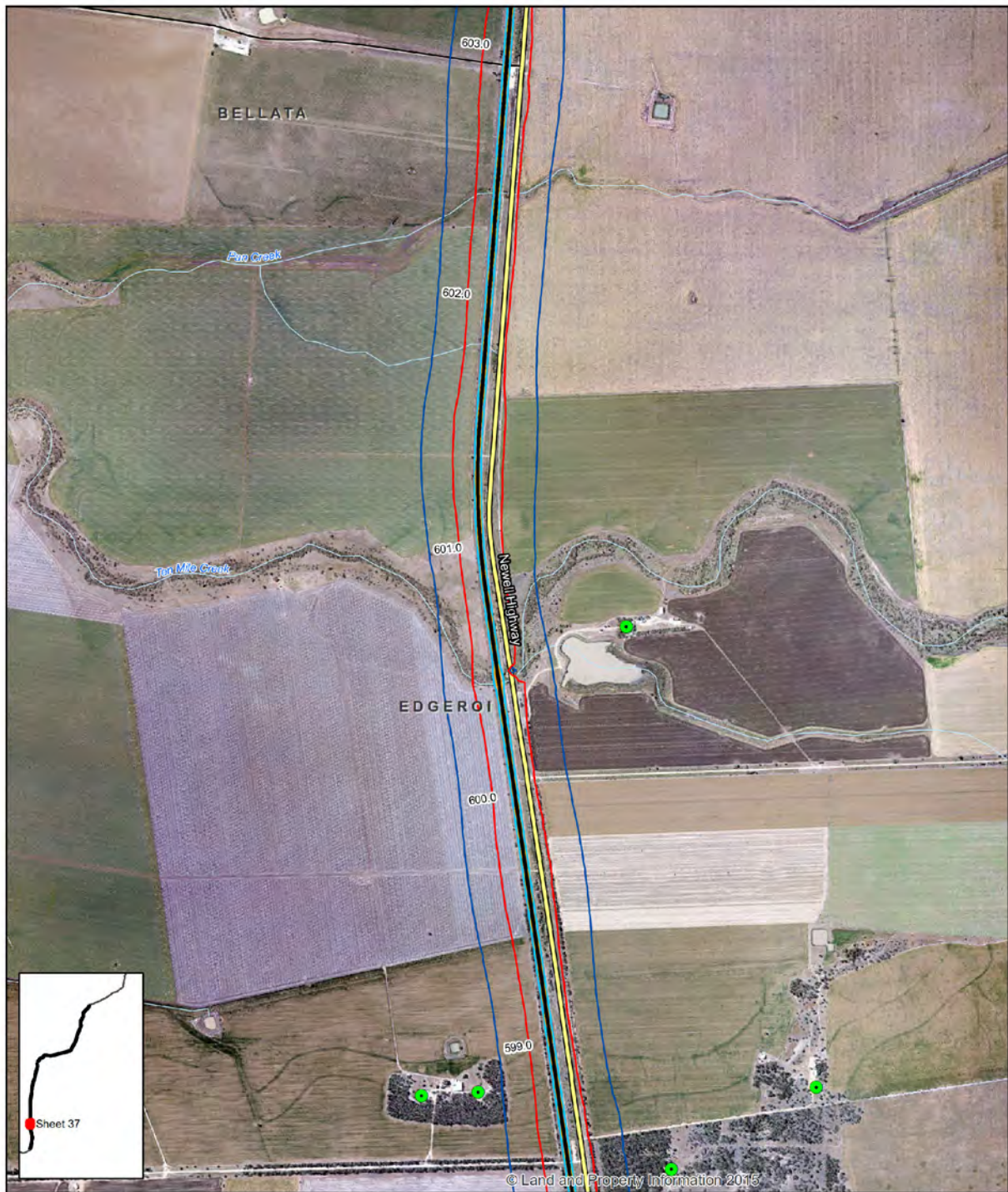
Operational rail noise contours, LAeq
2040 build vs 2040 no build

Figure E3- Sheet 36

G:\2217916\GIS\Maps\Deliverables\N2NS\Noise\2217916_N005_NNS_2040_Leq_0.mxd

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Data source: LPI: DTDB, 2012. LPI: Imagery, 2012. Created by: Imorton, fmacKay, kpsroba



LEGEND

- | | | |
|---|--|--|
| ● Residential receiver | — The proposal | — 2040 Build 60dB(A) LAeq 9-hour |
| | — Watercourse | — 2040 Build 65dB(A) LAeq 15-hour |
| | — Highway | — 2040 No-Build 60dB(A) LAeq 9-hour |
| | — Road | — 2040 No-Build 65dB(A) LAeq 15-hour |

Paper Size A4
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Map Projection: Transverse Mercator
Horizontal Datum: GDA 1994
Grid: GDA 1994 MGA Zone 56



Australian Rail Track Corporation
Inland Rail - Narrabri to North Star

Job Number 22-17916
Revision 0
Date 02 Jun 2017

Operational rail noise contours, LAeq
2040 build vs 2040 no build

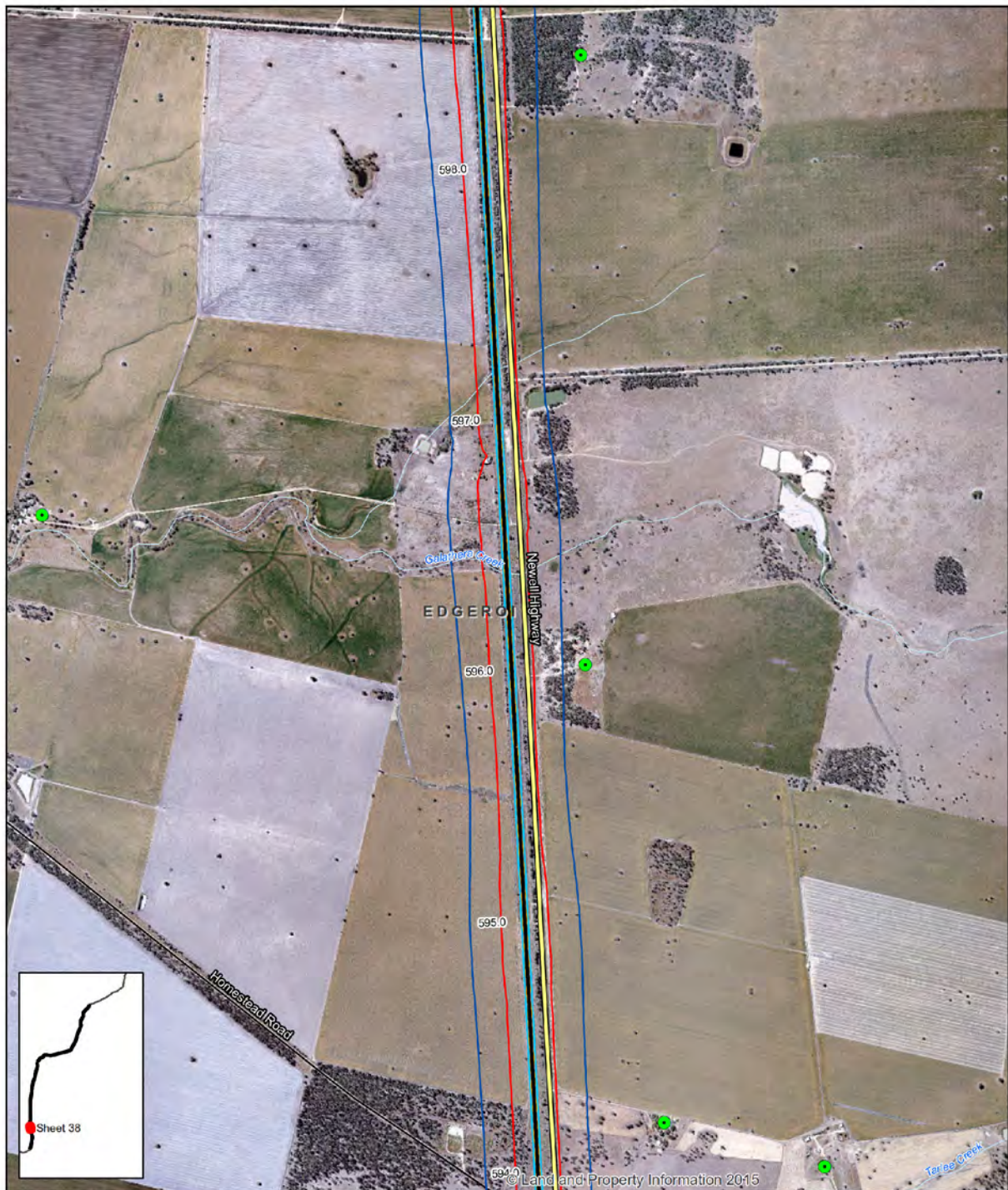
Figure E3- Sheet 37

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Data source: LPI: DTDB, 2012. LPI: Imagery, 2012. Created by: Imorton, fmacKay, kpsroba



LEGEND

- Residential receiver
- The proposal
- 2040 Build 60dB(A) LAeq 9-hour
- Watercourse
- 2040 Build 65dB(A) LAeq 15-hour
- Highway
- 2040 No-Build 60dB(A) LAeq 9-hour
- Road
- 2040 No-Build 65dB(A) LAeq 15-hour

Paper Size A4
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Metres
Map Projection: Transverse Mercator
Horizontal Datum: GDA 1994
Grid: GDA 1994 MGA Zone 56



Australian Rail Track Corporation
Inland Rail - Narrabri to North Star

Job Number 22-17916
Revision 0
Date 02 Jun 2017

Operational rail noise contours, LAeq
2040 build vs 2040 no build

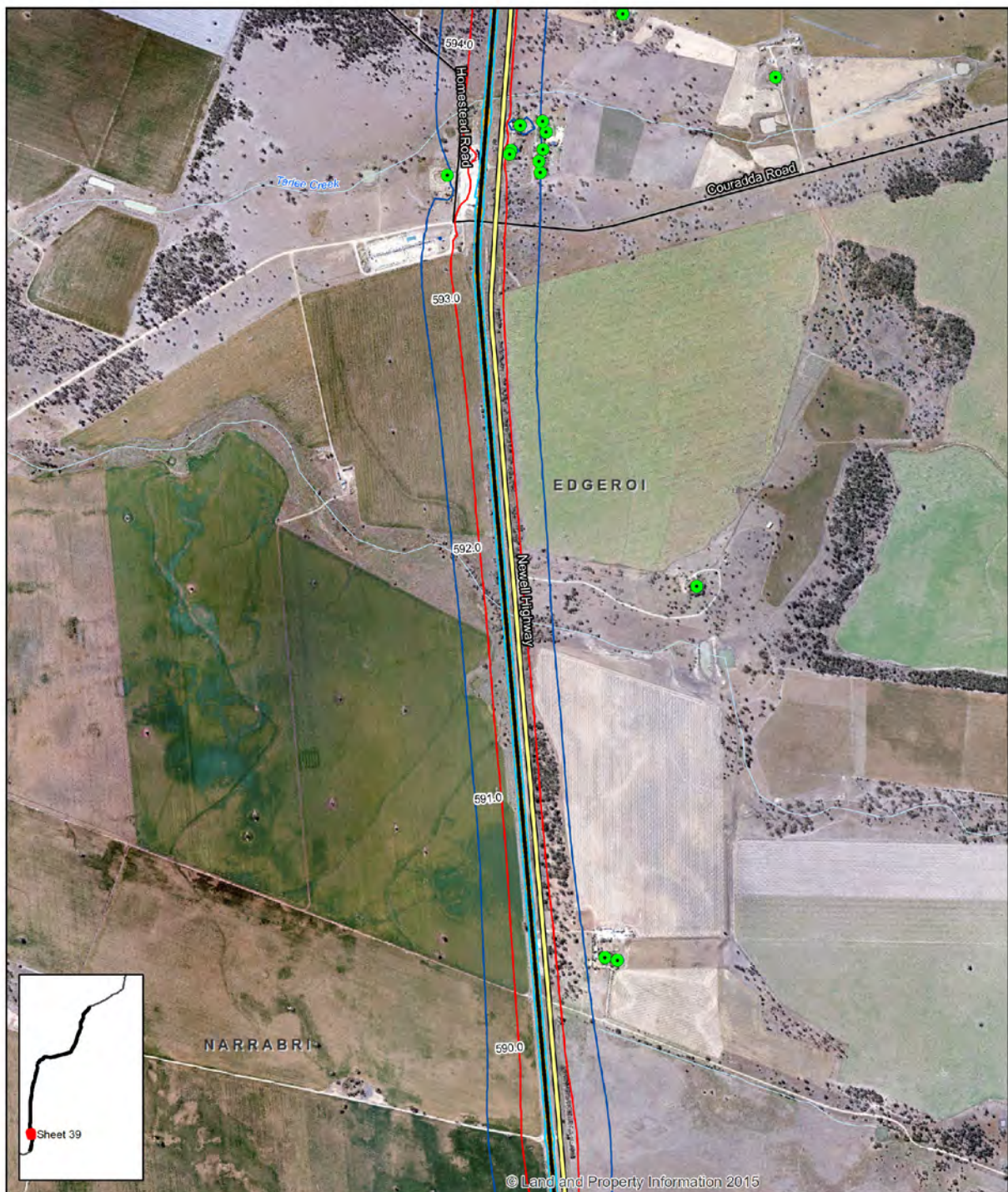
Figure E3- Sheet 38

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Data source: LPI: DTDB, 2012. LPI: Imagery, 2012. Created by: tmorton, fmacKay, kpsroba



LEGEND

- | | | |
|---|---|--|
| ● Residential receiver | — The proposal | — 2040 Build 60dB(A) LAeq 9-hour |
| — Watercourse | — Highway | — 2040 Build 65dB(A) LAeq 15-hour |
| — Road | — 2040 No-Build 60dB(A) LAeq 9-hour | — 2040 No-Build 65dB(A) LAeq 15-hour |

Paper Size A4
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Metres
Map Projection: Transverse Mercator
Horizontal Datum: GDA 1994
Grid: GDA 1994 MGA Zone 56



Australian Rail Track Corporation
Inland Rail - Narrabri to North Star

Job Number 22-17916
Revision 0
Date 02 Jun 2017

Operational rail noise contours, LAeq
2040 build vs 2040 no build

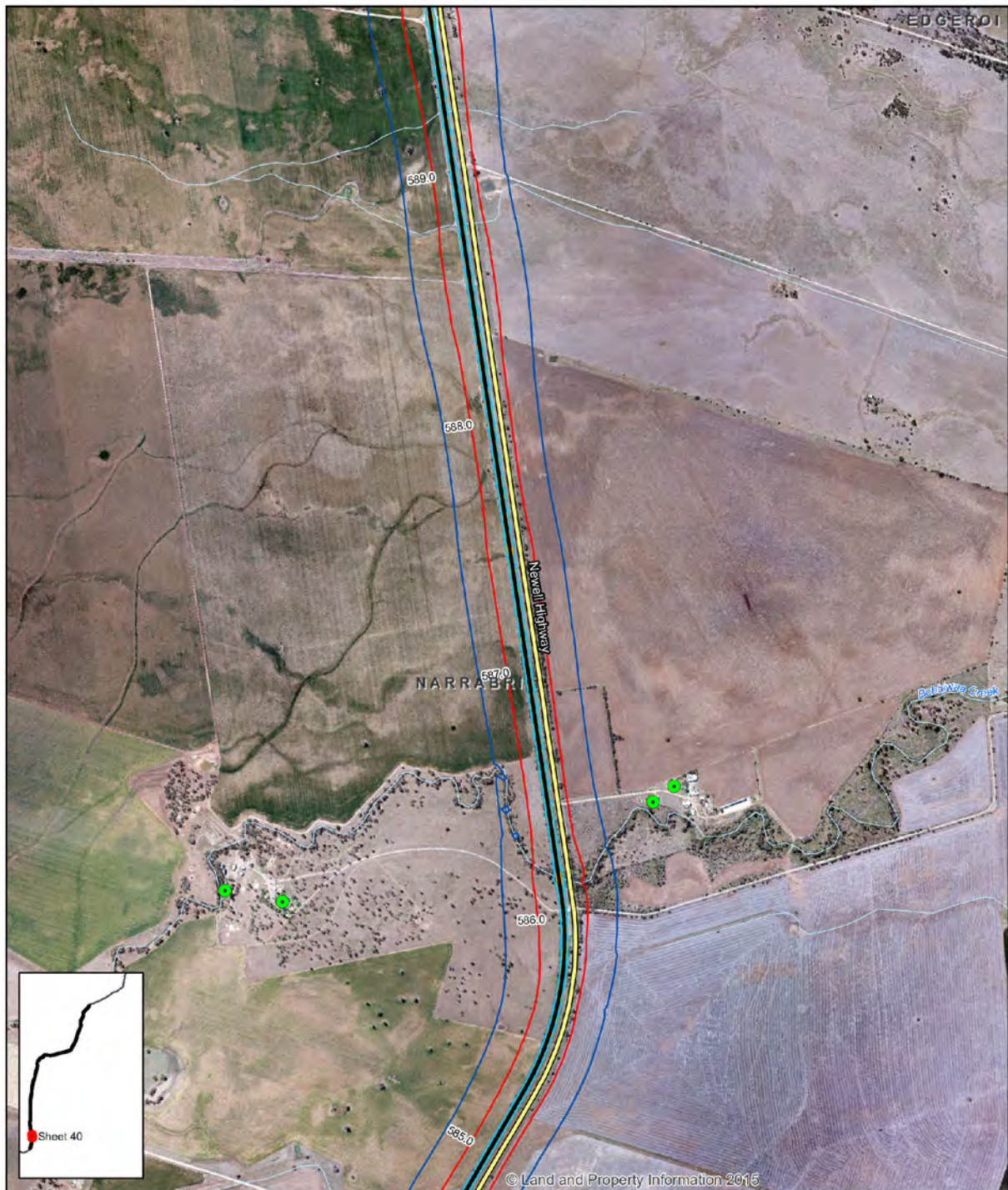
Figure E3- Sheet 39

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LEGEND

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|---|--|--|
| ● Residential receiver | — The proposal | — 2040 Build 60dB(A) LAeq 9-hour |
| | — Watercourse | — 2040 Build 65dB(A) LAeq 15-hour |
| | — Highway | — 2040 No-Build 60dB(A) LAeq 9-hour |
| | — Road | — 2040 No-Build 65dB(A) LAeq 15-hour |

Paper Size A4
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Map Projection: Transverse Mercator
Horizontal Datum: GDA 1994
Grid: GDA 1994 MGA Zone 56



Australian Rail Track Corporation
Inland Rail - Narrabri to North Star

Job Number 22-17916
Revision 0
Date 02 Jun 2017

Operational rail noise contours, LAeq
2040 build vs 2040 no build

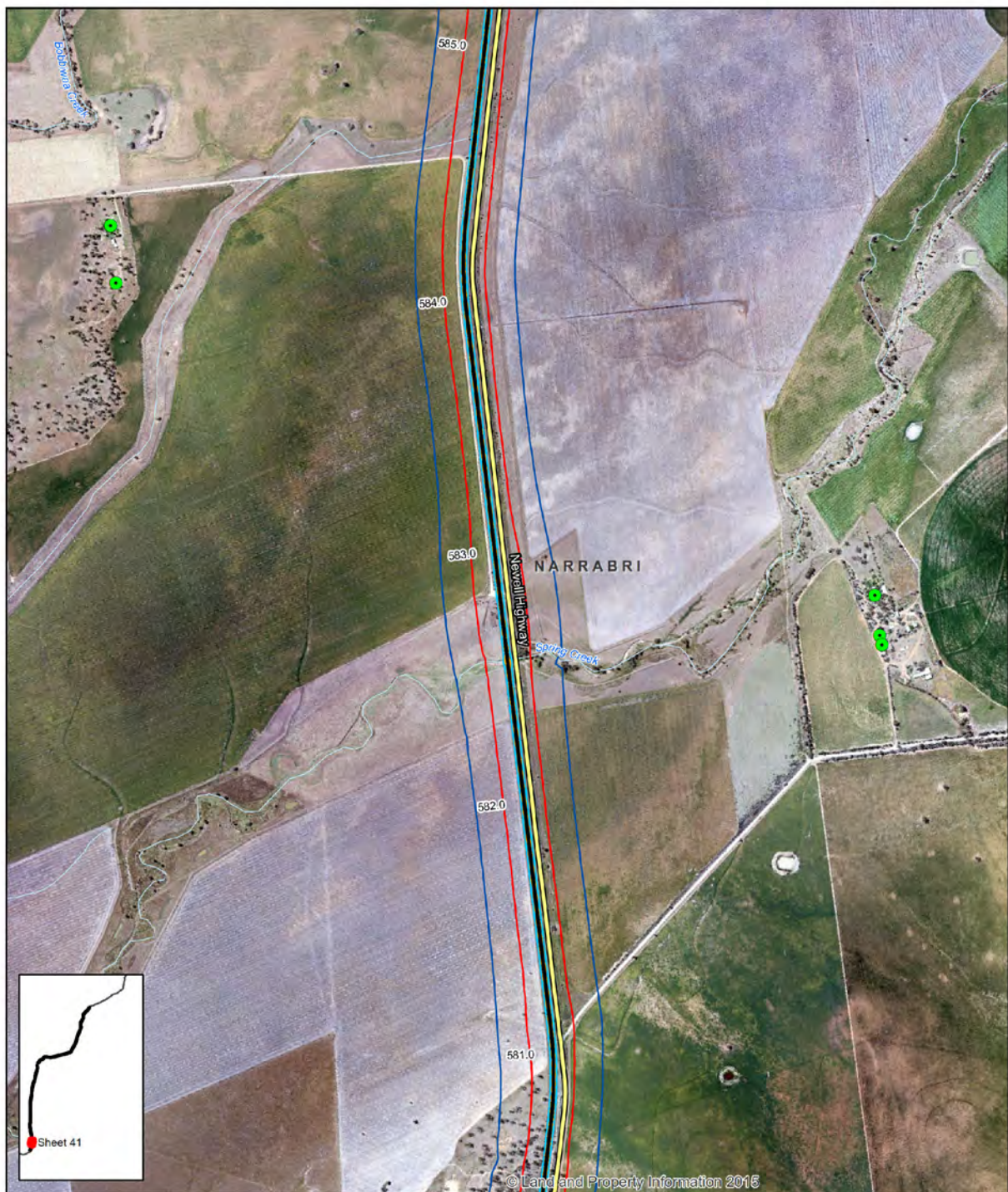
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Data source: LPI: DTDB, 2012. LPI: Imagery, 2012. Created by: Imorton, fmacKay, kpsroba



LEGEND

- | | | |
|---|---|--|
| ● Residential receiver | — The proposal | — 2040 Build 60dB(A) LAeq 9-hour |
| — Watercourse | — Highway | — 2040 Build 65dB(A) LAeq 15-hour |
| — Road | | — 2040 No-Build 60dB(A) LAeq 9-hour |
| | | — 2040 No-Build 65dB(A) LAeq 15-hour |

Paper Size A4
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Metres
Map Projection: Transverse Mercator
Horizontal Datum: GDA 1994
Grid: GDA 1994 MGA Zone 56



Australian Rail Track Corporation
Inland Rail - Narrabri to North Star

Job Number 22-17916
Revision 0
Date 02 Jun 2017

Operational rail noise contours, LAeq
2040 build vs 2040 no build

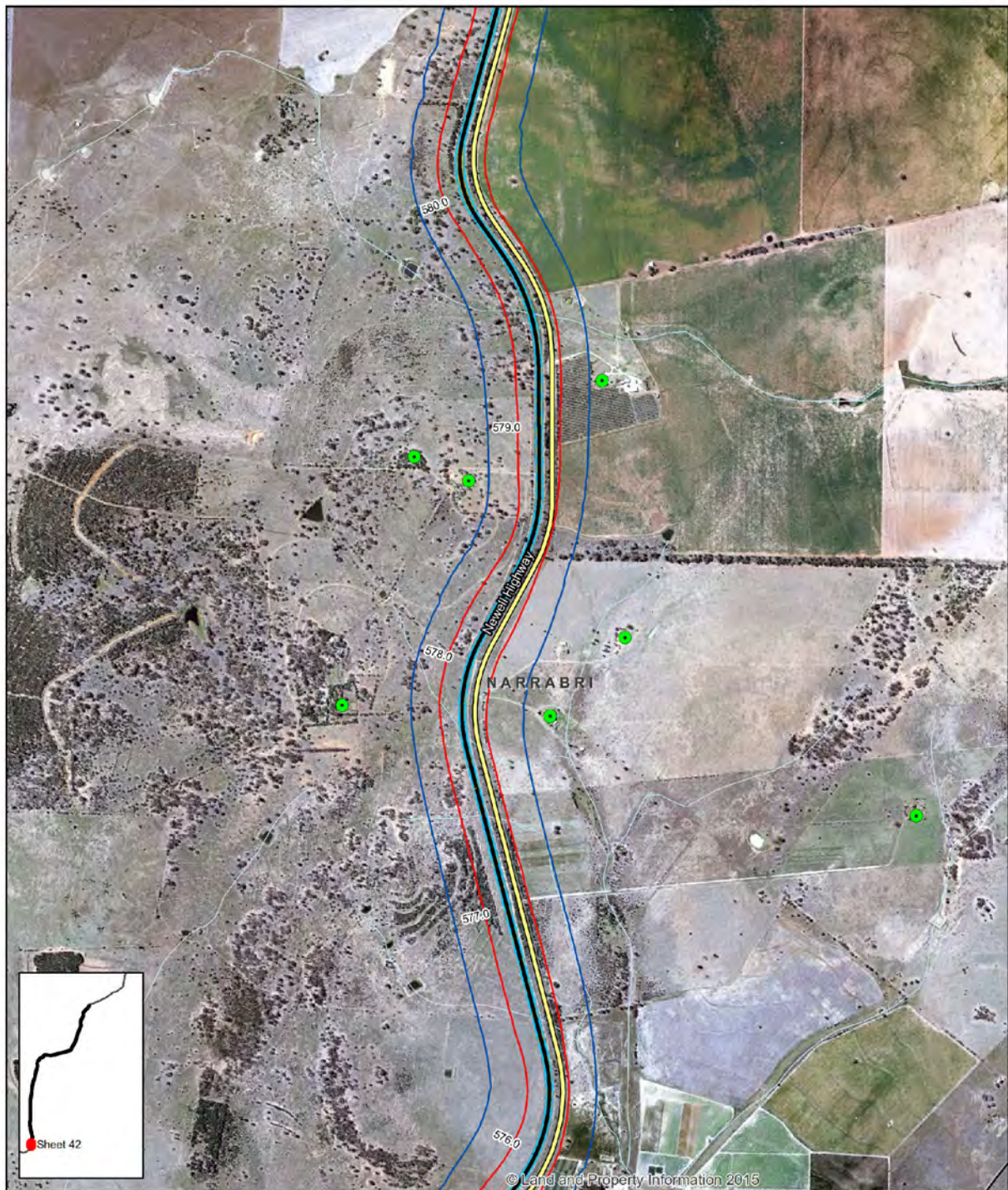
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Data source: LPI: DTDB, 2012. LPI: Imagery, 2012. Created by: Imorton, fmacKay, kpsroba



LEGEND

- | | | |
|---|--------------|------------------------------------|
| ● Residential receiver | The proposal | 2040 Build 60dB(A) LAeq 9-hour |
| | Watercourse | 2040 Build 65dB(A) LAeq 15-hour |
| | Highway | 2040 No-Build 60dB(A) LAeq 9-hour |
| | Road | 2040 No-Build 65dB(A) LAeq 15-hour |

Paper Size A4
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Metres
Map Projection: Transverse Mercator
Horizontal Datum: GDA 1994
Grid: GDA 1994 MGA Zone 56



Australian Rail Track Corporation
Inland Rail - Narrabri to North Star

Job Number 22-17916
Revision 0
Date 02 Jun 2017

Operational rail noise contours, LAeq
2040 build vs 2040 no build

Figure E3- Sheet 42

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LEGEND

- | | | |
|---|---|--|
| ● Residential receiver | — The proposal | — 2040 Build 60dB(A) LAeq 9-hour |
| — Watercourse | — Highway | — 2040 Build 65dB(A) LAeq 15-hour |
| — Road | — 2040 No-Build 60dB(A) LAeq 9-hour | — 2040 No-Build 65dB(A) LAeq 15-hour |

Paper Size A4
0 75 150 300 450 600
Metres
Map Projection: Transverse Mercator
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