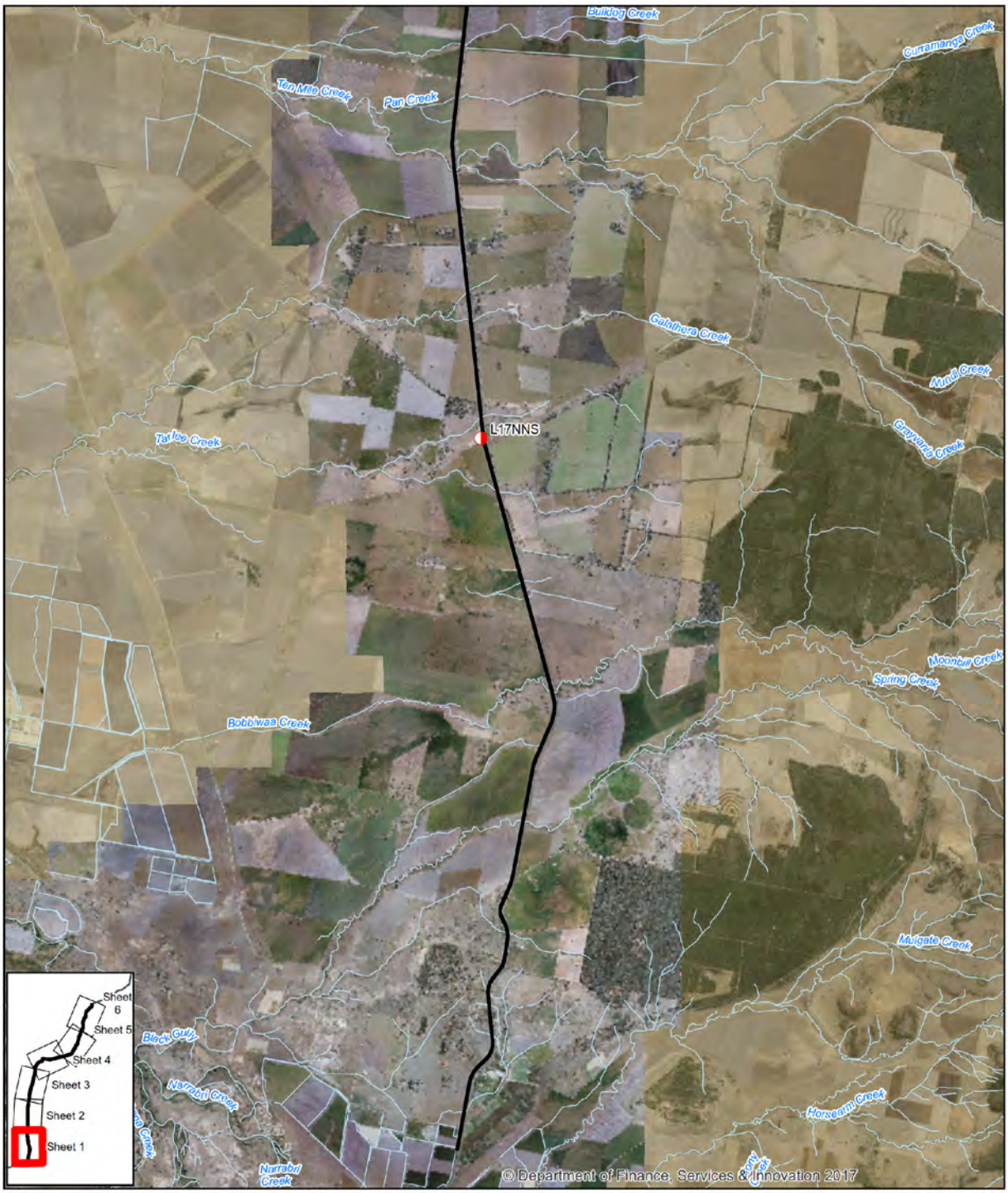
Appendix B – Monitoring locations



LEGEND
- Noise logger
- The proposal
- Watercourse

Paper Size A4
0 500 1,000 2,000 3,000 4,000
Metres
Map Projection: Transverse Mercator
Horizontal Datum: GDA 1994
Grid: GDA 1994 MGA Zone 55

N

Australian Rail Track Corporation
Inland Rail - Narrabri to North Star

Job Number 22-17916
Revision 0
Date 02 Jun 2017

Monitoring locations

Figure B1- Sheet 1

G:\22\17916\GIS\Maps\Deliverables\N2NS\Noise\2217916_N001_NNS_NoiseLoggers_0.mxd

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

© 2017. Whilst every care has been taken to prepare this map, GHD, ARTC and LPI make no representations or warranties about its accuracy, reliability, completeness or suitability for any particular purpose and cannot accept liability and responsibility of any kind (whether in contract, tort or otherwise) for any expenses, losses, damages and/or costs (including indirect or consequential damage) which are or may be incurred by any party as a result of the map being inaccurate, incomplete or unsuitable in any way and for any reason.

Data source: LPI, DCDB, 2012. ARTC, Imagery, 2015. Created by: kpsroba

LEGEND
- Noise logger
- The proposal
- Watercourse

Paper Size A4
0 500 1,000 2,000 3,000 4,000
Metres
Map Projection: Transverse Mercator
Horizontal Datum: GDA 1994
Grid: GDA 1994 MGA Zone 55

N

Australian Rail Track Corporation
Inland Rail - Narrabri to North Star

Job Number 22-17916
Revision 0
Date 02 Jun 2017

Monitoring locations

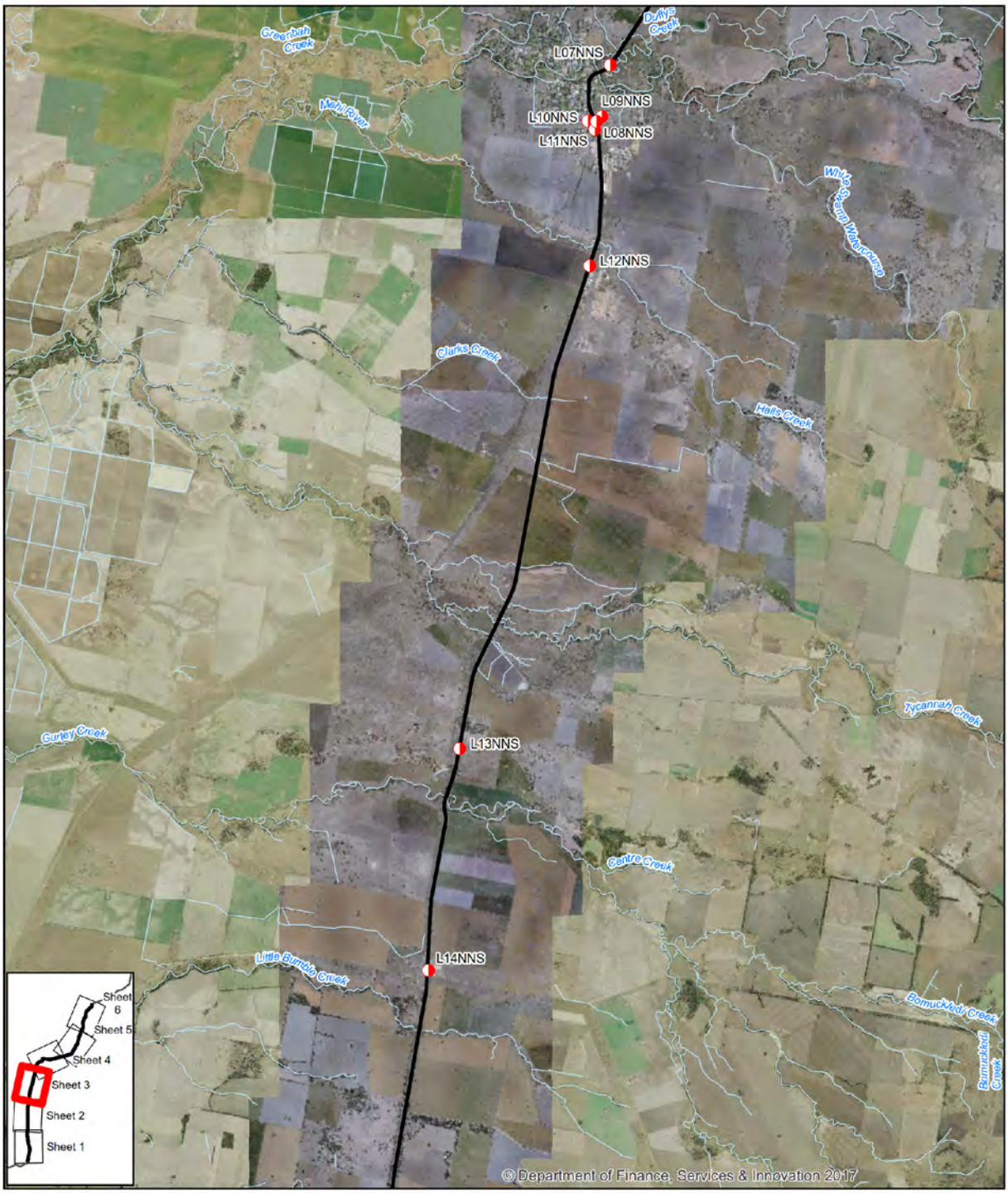
Figure B1- Sheet 2

G:\22\17916\GIS\Maps\Deliverables\N2NS\Noise\2217916_N001_NNS_NoiseLoggers_0.mxd

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

© 2017. Whilst every care has been taken to prepare this map, GHD, ARTC and LPI make no representations or warranties about its accuracy, reliability, completeness or suitability for any particular purpose and cannot accept liability and responsibility of any kind (whether in contract, tort or otherwise) for any expenses, losses, damages and/or costs (including indirect or consequential damage) which are or may be incurred by any party as a result of the map being inaccurate, incomplete or unsuitable in any way and for any reason.

Data source: LPI, DCDB, 2012. ARTC, Imagery, 2015. Created by: kpsroba



LEGEND
- Noise logger
- The proposal
- Watercourse

Paper Size A4
0 625 1,250 2,500 3,750 5,000
Metres
Map Projection: Transverse Mercator
Horizontal Datum: GDA 1994
Grid: GDA 1994 MGA Zone 55

N

Australian Rail Track Corporation
Inland Rail - Narrabri to North Star

Job Number 22-17916
Revision 0
Date 02 Jun 2017

Monitoring locations

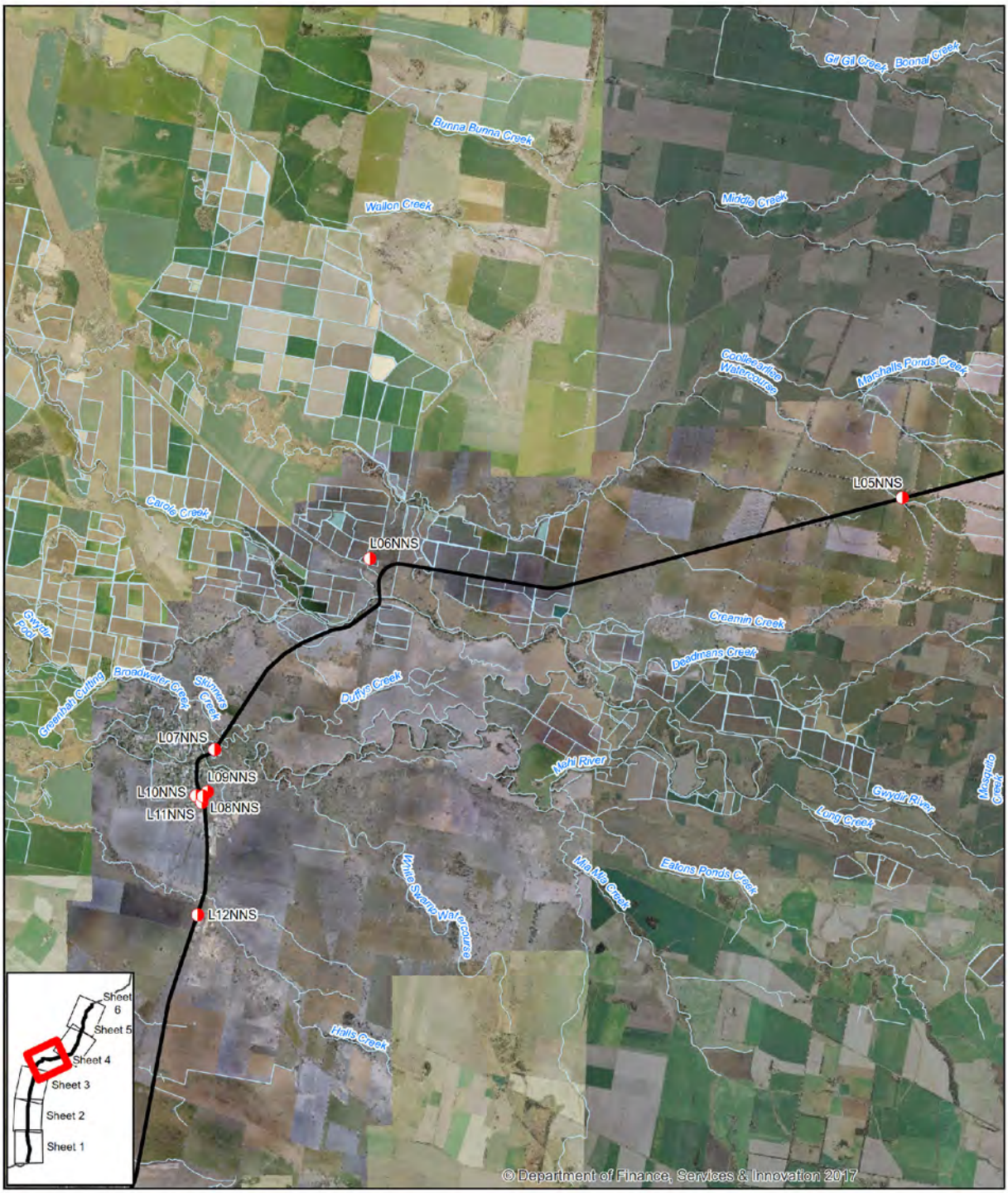
Figure B1- Sheet 3

G:\22\17916\GIS\Maps\Deliverables\N2NS\Noise\2217916_N001_NNS_NoiseLoggers_0.mxd

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

© 2017. Whilst every care has been taken to prepare this map, GHD, ARTC and LPI make no representations or warranties about its accuracy, reliability, completeness or suitability for any particular purpose and cannot accept liability and responsibility of any kind (whether in contract, tort or otherwise) for any expenses, losses, damages and/or costs (including indirect or consequential damage) which are or may be incurred by any party as a result of the map being inaccurate, incomplete or unsuitable in any way and for any reason.

Data source: LPI, DCDB, 2012. ARTC, Imagery, 2015. Created by: kpsroba



LEGEND

- Noise logger
- The proposal
- Watercourse

Paper Size A4

0 750 1,500 3,000 4,500 6,000

Metres

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

N

Australian Rail Track Corporation
Inland Rail - Narrabri to North Star

Job Number 22-17916
Revision 0
Date 02 Jun 2017

Monitoring locations

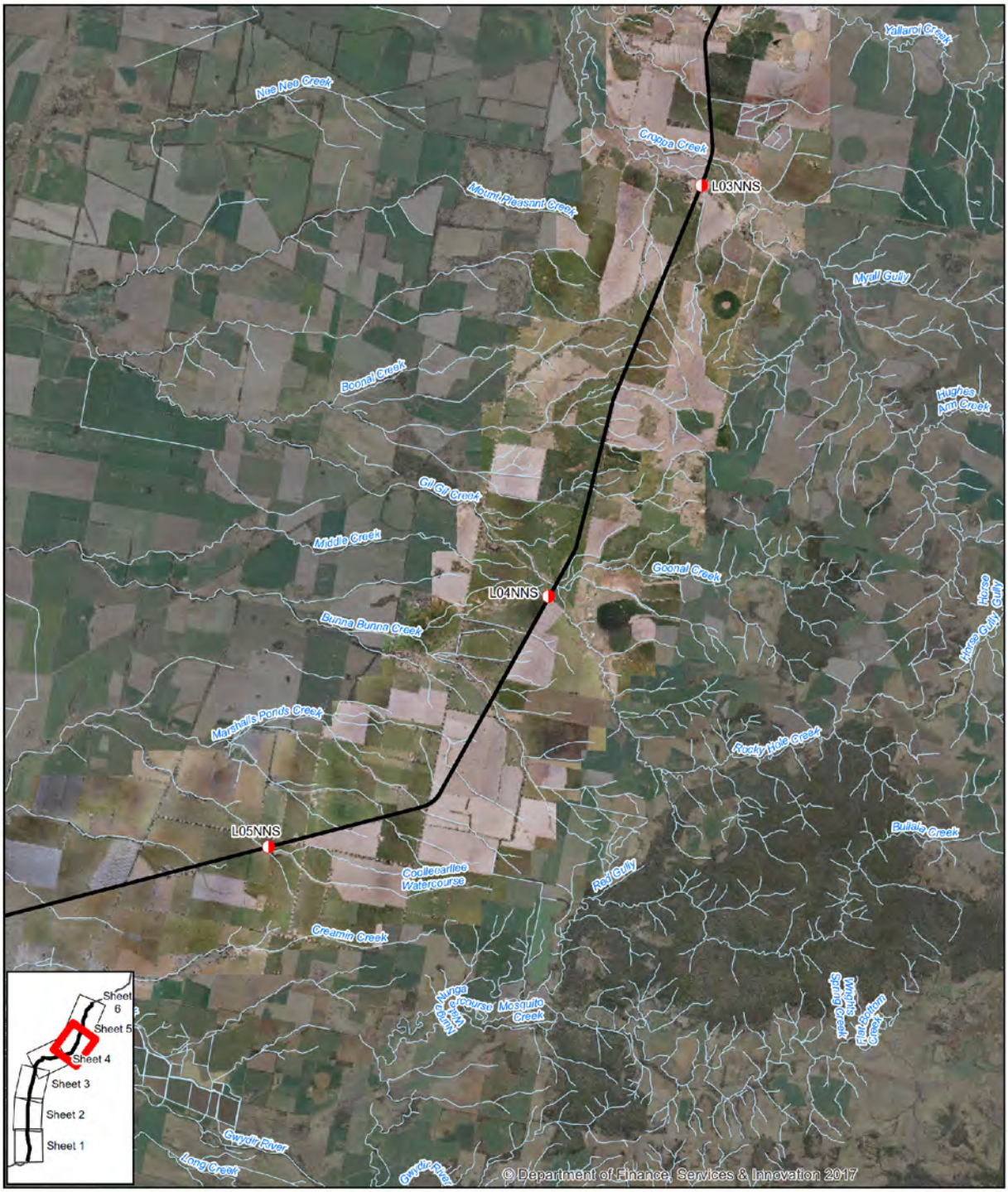
Figure B1- Sheet 4

G:\22\17916\GIS\Maps\Deliverables\N2NS\Noise\2217916_N001_NNS_NoiseLoggers_0.mxd

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

© 2017. Whilst every care has been taken to prepare this map, GHD, ARTC and LPI make no representations or warranties about its accuracy, reliability, completeness or suitability for any particular purpose and cannot accept liability and responsibility of any kind (whether in contract, tort or otherwise) for any expenses, losses, damages and/or costs (including indirect or consequential damage) which are or may be incurred by any party as a result of the map being inaccurate, incomplete or unsuitable in any way and for any reason.

Data source: LPI, DCDB, 2012. ARTC, Imagery, 2015. Created by: kpsroba



LEGEND
- Noise logger
- The proposal
- Watercourse

Paper Size A4
0 750 1,500 3,000 4,500 6,000
Metres
Map Projection: Transverse Mercator
Horizontal Datum: GDA 1994
Grid: GDA 1994 MGA Zone 55

N

Australian Rail Track Corporation
Inland Rail - Narrabri to North Star

Job Number 22-17916
Revision 0
Date 02 Jun 2017

Monitoring locations

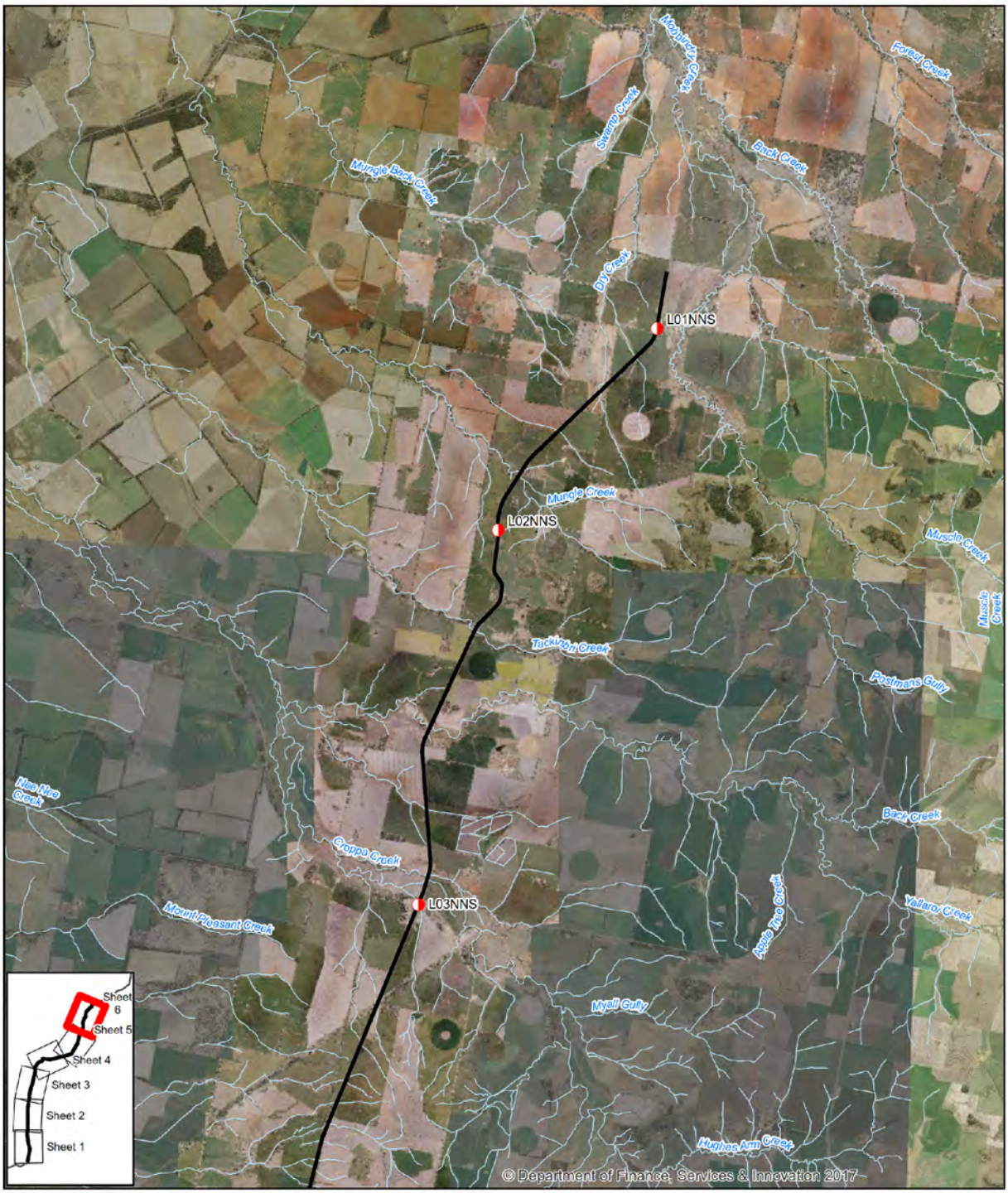
Figure B1- Sheet 5

G:\22\17916\GIS\Maps\Deliverables\N2NS\Noise\2217916_N001_NNS_NoiseLoggers_0.mxd

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

© 2017. Whilst every care has been taken to prepare this map, GHD, ARTC and LPI make no representations or warranties about its accuracy, reliability, completeness or suitability for any particular purpose and cannot accept liability and responsibility of any kind (whether in contract, tort or otherwise) for any expenses, losses, damages and/or costs (including indirect or consequential damage) which are or may be incurred by any party as a result of the map being inaccurate, incomplete or unsuitable in any way and for any reason.

Data source: LPI, DCDB, 2012. ARTC, Imagery, 2015. Created by: kpsroba



LEGEND
- Noise logger
- The proposal
- Watercourse

Paper Size A4
0 700 1,400 2,800 4,200 5,600
Metres
Map Projection: Transverse Mercator
Horizontal Datum: GDA 1994
Grid: GDA 1994 MGA Zone 55

N

Australian Rail Track Corporation
Inland Rail - Narrabri to North Star

Job Number 22-17916
Revision 0
Date 02 Jun 2017

Monitoring locations

Figure B1- Sheet 6

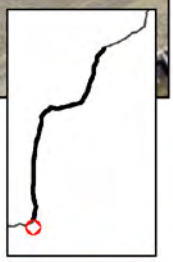
G:\22\17916\GIS\Maps\Deliverables\N2NS\Noise\2217916_N001_NNS_NoiseLoggers_0.mxd

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

© 2017. Whilst every care has been taken to prepare this map, GHD, ARTC and LPI make no representations or warranties about its accuracy, reliability, completeness or suitability for any particular purpose and cannot accept liability and responsibility of any kind (whether in contract, tort or otherwise) for any expenses, losses, damages and/or costs (including indirect or consequential damage) which are or may be incurred by any party as a result of the map being inaccurate, incomplete or unsuitable in any way and for any reason.

Data source: LPI, DCDB, 2012. ARTC, Imagery, 2015. Created by: kpsroba

Appendix C – Study area and noise sensitive receivers



LEGEND

- Residential receiver
- Watercourse

Paper Size A4

0 5 10 20 30 40

Metres

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

N

Australian Rail Track Corporation
Inland Rail - Narrabri to North Star

Study area and
noise sensitive receivers

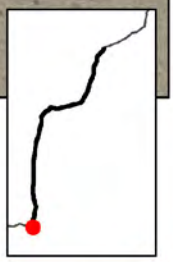
Job Number 22-17916
Revision 0
Date 02 Jun 2017

Figure C1- Sheet 1

G:\22\17916\GIS\Maps\Deliverables\N2NS\Noise\2217916_N002_NNS_SensitiveReceivers_0.mxd Level 3, GHD Tower, 24 Honeysuckle Drive, Newcastle NSW 2300 T 61 2 4979 9999 F 61 2 4979 9988 E ntlmail@ghd.com W www.ghd.com.au

© 2017. Whilst every care has been taken to prepare this map, GHD and LPI make no representations or warranties about its accuracy, reliability, completeness or suitability for any particular purpose and cannot accept liability and responsibility of any kind (whether in contract, tort or otherwise) for any expenses, losses, damages and/or costs (including indirect or consequential damage) which are or may be incurred by any party as a result of the map being inaccurate, incomplete or unsuitable in any way and for any reason.

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



LEGEND

- Residential receiver
- Watercourse

Paper Size A4

0 5 10 20 30 40

Metres

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

N

Australian Rail Track Corporation
Inland Rail - Narrabri to North Star

Study area and
noise sensitive receivers

Job Number 22-17916
Revision 0
Date 02 Jun 2017

Figure C1- Sheet 2

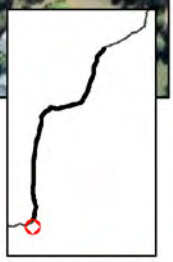
G:\22\17916\GIS\Maps\Deliverables\N2NS\Noise\2217916_N002_NNS_SensitiveReceivers_0.mxd Level 3, GHD Tower, 24 Honeysuckle Drive, Newcastle NSW 2300 T 61 2 4979 9999 F 61 2 4979 9988 E ntlmail@ghd.com W www.ghd.com.au

© 2017. Whilst every care has been taken to prepare this map, GHD and LPI make no representations or warranties about its accuracy, reliability, completeness or suitability for any particular purpose and cannot accept liability and responsibility of any kind (whether in contract, tort or otherwise) for any expenses, losses, damages and/or costs (including indirect or consequential damage) which are or may be incurred by any party as a result of the map being inaccurate, incomplete or unsuitable in any way and for any reason.

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

LEGEND

- Residential receiver
- Watercourse



Paper Size A4

0 5 10 20 30 40

Metres

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

N

Australian Rail Track Corporation
Inland Rail - Narrabri to North Star

Study area and
noise sensitive receivers

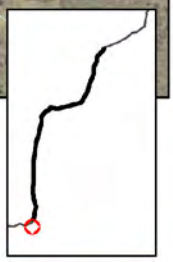
Job Number 22-17916
Revision 0
Date 02 Jun 2017

Figure C1- Sheet 3

G:\22\17916\GIS\Maps\Deliverables\N2NS\Noise\2217916_N002_NNS_SensitiveReceivers_0.mxd Level 3, GHD Tower, 24 Honeysuckle Drive, Newcastle NSW 2300 T 61 2 4979 9999 F 61 2 4979 9988 E ntlmail@ghd.com W www.ghd.com.au

© 2017. Whilst every care has been taken to prepare this map, GHD and LPI make no representations or warranties about its accuracy, reliability, completeness or suitability for any particular purpose and cannot accept liability and responsibility of any kind (whether in contract, tort or otherwise) for any expenses, losses, damages and/or costs (including indirect or consequential damage) which are or may be incurred by any party as a result of the map being inaccurate, incomplete or unsuitable in any way and for any reason.

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



LEGEND

- Residential receiver
- Watercourse

Paper Size A4

0 5 10 20 30 40

Metres

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

N

Australian Rail Track Corporation
Inland Rail - Narrabri to North Star

Study area and
noise sensitive receivers

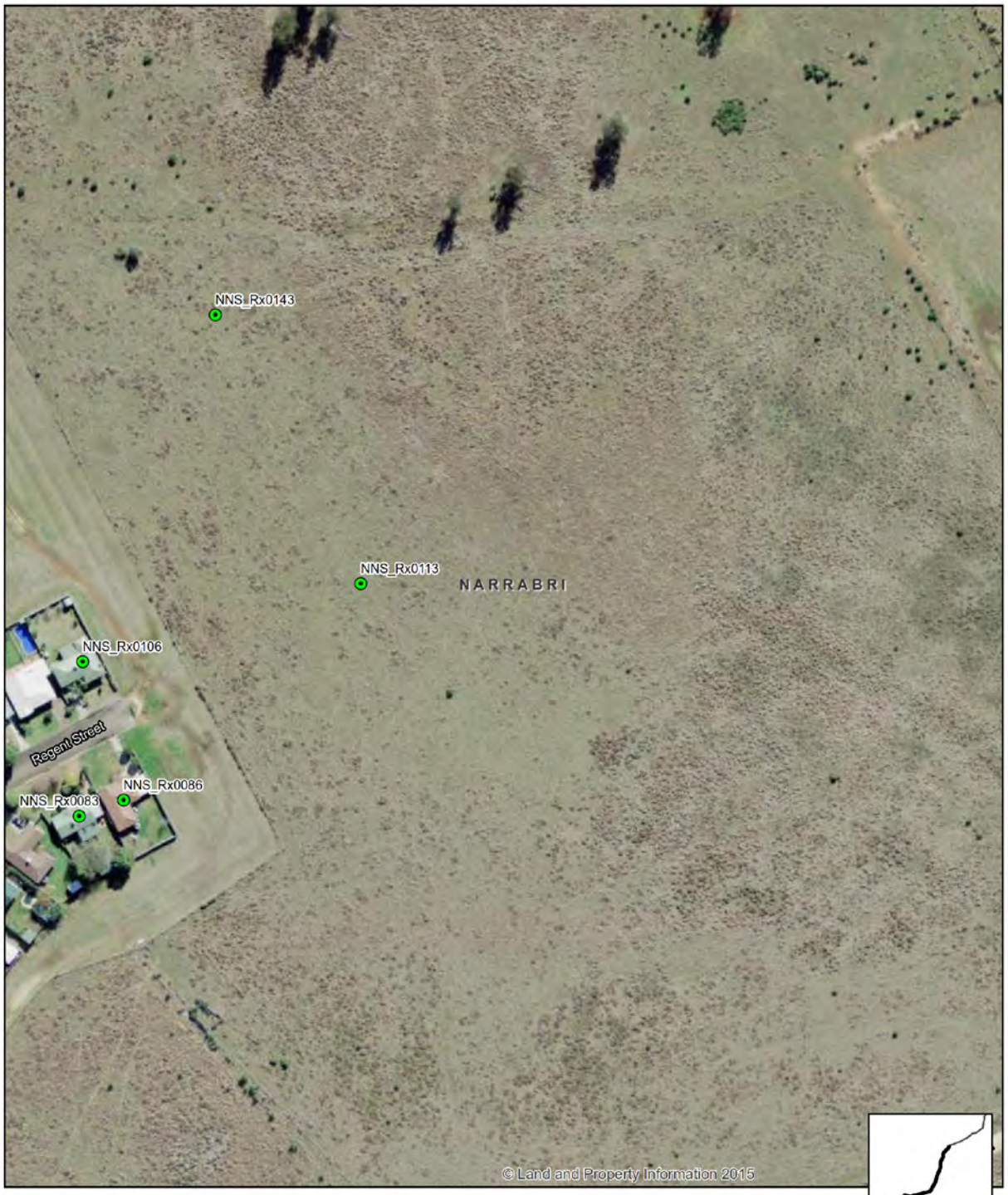
Job Number 22-17916
Revision 0
Date 02 Jun 2017

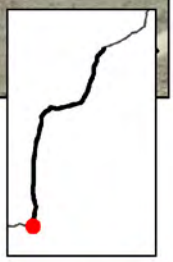
Figure C1- Sheet 4

G:\22\17916\GIS\Maps\Deliverables\N2NS\Noise\2217916_N002_NNS_SensitiveReceivers_0.mxd Level 3, GHD Tower, 24 Honeysuckle Drive, Newcastle NSW 2300 T 61 2 4979 9999 F 61 2 4979 9988 E ntlmail@ghd.com W www.ghd.com.au

© 2017. Whilst every care has been taken to prepare this map, GHD and LPI make no representations or warranties about its accuracy, reliability, completeness or suitability for any particular purpose and cannot accept liability and responsibility of any kind (whether in contract, tort or otherwise) for any expenses, losses, damages and/or costs (including indirect or consequential damage) which are or may be incurred by any party as a result of the map being inaccurate, incomplete or unsuitable in any way and for any reason.

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





LEGEND

- Residential receiver
- Watercourse

Paper Size A4

0 5 10 20 30 40

Metres

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

N

Australian Rail Track Corporation
Inland Rail - Narrabri to North Star

Study area and
noise sensitive receivers

Job Number 22-17916
Revision 0
Date 02 Jun 2017

Figure C1- Sheet 5

G:\22\17916\GIS\Maps\Deliverables\N2NS\Noise\2217916_N002_NNS_SensitiveReceivers_0.mxd Level 3, GHD Tower, 24 Honeysuckle Drive, Newcastle NSW 2300 T 61 2 4979 9999 F 61 2 4979 9988 E ntlmail@ghd.com W www.ghd.com.au

© 2017. Whilst every care has been taken to prepare this map, GHD and LPI make no representations or warranties about its accuracy, reliability, completeness or suitability for any particular purpose and cannot accept liability and responsibility of any kind (whether in contract, tort or otherwise) for any expenses, losses, damages and/or costs (including indirect or consequential damage) which are or may be incurred by any party as a result of the map being inaccurate, incomplete or unsuitable in any way and for any reason.

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

LEGEND

- Residential receiver
- Watercourse

Paper Size A4

0 5 10 20 30 40

Metres

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

N

Australian Rail Track Corporation
Inland Rail - Narrabri to North Star

Study area and
noise sensitive receivers

Job Number 22-17916
Revision 0
Date 02 Jun 2017

Figure C1- Sheet 6

G:\22\17916\GIS\Maps\Deliverables\N2NS\Noise\2217916_N002_NNS_SensitiveReceivers_0.mxd Level 3, GHD Tower, 24 Honeysuckle Drive, Newcastle NSW 2300 T 61 2 4979 9999 F 61 2 4979 9988 E ntlmail@ghd.com W www.ghd.com.au

© 2017. Whilst every care has been taken to prepare this map, GHD and LPI make no representations or warranties about its accuracy, reliability, completeness or suitability for any particular purpose and cannot accept liability and responsibility of any kind (whether in contract, tort or otherwise) for any expenses, losses, damages and/or costs (including indirect or consequential damage) which are or may be incurred by any party as a result of the map being inaccurate, incomplete or unsuitable in any way and for any reason.

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

LEGEND

- Residential receiver
- Watercourse

Paper Size A4

0 5 10 20 30 40

Metres

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

N

Australian Rail Track Corporation
Inland Rail - Narrabri to North Star

Study area and
noise sensitive receivers

Job Number 22-17916
Revision 0
Date 02 Jun 2017

Figure C1- Sheet 7

G:\22\17916\GIS\Maps\Deliverables\N2NS\Noise\2217916_N002_NNS_SensitiveReceivers_0.mxd Level 3, GHD Tower, 24 Honeysuckle Drive, Newcastle NSW 2300 T 61 2 4979 9999 F 61 2 4979 9988 E ntlmail@ghd.com W www.ghd.com.au

© 2017. Whilst every care has been taken to prepare this map, GHD and LPI make no representations or warranties about its accuracy, reliability, completeness or suitability for any particular purpose and cannot accept liability and responsibility of any kind (whether in contract, tort or otherwise) for any expenses, losses, damages and/or costs (including indirect or consequential damage) which are or may be incurred by any party as a result of the map being inaccurate, incomplete or unsuitable in any way and for any reason.

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

LEGEND

- Residential receiver
- Watercourse

Paper Size A4

0 5 10 20 30 40

Metres

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

N

Australian Rail Track Corporation
Inland Rail - Narrabri to North Star

Study area and
noise sensitive receivers

Job Number 22-17916
Revision 0
Date 02 Jun 2017

Figure C1- Sheet 8

G:\22\17916\GIS\Maps\Deliverables\N2NS\Noise\2217916_N002_NNS_SensitiveReceivers_0.mxd Level 3, GHD Tower, 24 Honeysuckle Drive, Newcastle NSW 2300 T 61 2 4979 9999 F 61 2 4979 9988 E ntlmail@ghd.com W www.ghd.com.au

© 2017. Whilst every care has been taken to prepare this map, GHD and LPI make no representations or warranties about its accuracy, reliability, completeness or suitability for any particular purpose and cannot accept liability and responsibility of any kind (whether in contract, tort or otherwise) for any expenses, losses, damages and/or costs (including indirect or consequential damage) which are or may be incurred by any party as a result of the map being inaccurate, incomplete or unsuitable in any way and for any reason.

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

LEGEND

- Residential receiver
- Watercourse

Paper Size A4

0 5 10 20 30 40

Metres

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

N

Australian Rail Track Corporation
Inland Rail - Narrabri to North Star

Study area and
noise sensitive receivers

Job Number 22-17916
Revision 0
Date 02 Jun 2017

Figure C1- Sheet 9

G:\22\17916\GIS\Maps\Deliverables\N2NS\Noise\2217916_N002_NNS_SensitiveReceivers_0.mxd Level 3, GHD Tower, 24 Honeysuckle Drive, Newcastle NSW 2300 T 61 2 4979 9999 F 61 2 4979 9988 E ntlmail@ghd.com W www.ghd.com.au

© 2017. Whilst every care has been taken to prepare this map, GHD and LPI make no representations or warranties about its accuracy, reliability, completeness or suitability for any particular purpose and cannot accept liability and responsibility of any kind (whether in contract, tort or otherwise) for any expenses, losses, damages and/or costs (including indirect or consequential damage) which are or may be incurred by any party as a result of the map being inaccurate, incomplete or unsuitable in any way and for any reason.

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

LEGEND

- Residential receiver
- Watercourse

Paper Size A4

0 5 10 20 30 40

Metres

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

N

Australian Rail Track Corporation
Inland Rail - Narrabri to North Star

Study area and
noise sensitive receivers

Job Number 22-17916
Revision 0
Date 02 Jun 2017

Figure C1- Sheet 10

G:\22\17916\GIS\Maps\Deliverables\N2NS\Noise\2217916_N002_NNS_SensitiveReceivers_0.mxd Level 3, GHD Tower, 24 Honeysuckle Drive, Newcastle NSW 2300 T 61 2 4979 9999 F 61 2 4979 9988 E ntlmail@ghd.com W www.ghd.com.au

© 2017. Whilst every care has been taken to prepare this map, GHD and LPI make no representations or warranties about its accuracy, reliability, completeness or suitability for any particular purpose and cannot accept liability and responsibility of any kind (whether in contract, tort or otherwise) for any expenses, losses, damages and/or costs (including indirect or consequential damage) which are or may be incurred by any party as a result of the map being inaccurate, incomplete or unsuitable in any way and for any reason.

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

LEGEND

- Residential receiver
- Watercourse

Paper Size A4

0 5 10 20 30 40

Metres

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

N

Australian Rail Track Corporation
Inland Rail - Narrabri to North Star

Job Number 22-17916
Revision 0
Date 02 Jun 2017

Study area and
noise sensitive receivers

Figure C1- Sheet 11

G:\22\17916\GIS\Maps\Deliverables\N2NS\Noise\2217916_N002_NNS_SensitiveReceivers_0.mxd Level 3, GHD Tower, 24 Honeysuckle Drive, Newcastle NSW 2300 T 61 2 4979 9999 F 61 2 4979 9988 E ntlmail@ghd.com W www.ghd.com.au

© 2017. Whilst every care has been taken to prepare this map, GHD and LPI make no representations or warranties about its accuracy, reliability, completeness or suitability for any particular purpose and cannot accept liability and responsibility of any kind (whether in contract, tort or otherwise) for any expenses, losses, damages and/or costs (including indirect or consequential damage) which are or may be incurred by any party as a result of the map being inaccurate, incomplete or unsuitable in any way and for any reason.

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

LEGEND

- Residential receiver
- Watercourse

Paper Size A4

0 5 10 20 30 40

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

Study area and
noise sensitive receivers

Job Number 22-17916
Revision 0
Date 02 Jun 2017

Figure C1- Sheet 12

G:\22\17916\GIS\Maps\Deliverables\N2NS\Noise\2217916_N002_NNS_SensitiveReceivers_0.mxd Level 3, GHD Tower, 24 Honeysuckle Drive, Newcastle NSW 2300 T 61 2 4979 9999 F 61 2 4979 9988 E ntlmail@ghd.com W www.ghd.com.au

© 2017. Whilst every care has been taken to prepare this map, GHD and LPI make no representations or warranties about its accuracy, reliability, completeness or suitability for any particular purpose and cannot accept liability and responsibility of any kind (whether in contract, tort or otherwise) for any expenses, losses, damages and/or costs (including indirect or consequential damage) which are or may be incurred by any party as a result of the map being inaccurate, incomplete or unsuitable in any way and for any reason.

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

LEGEND

- Residential receiver
- Watercourse

Paper Size A4

0 5 10 20 30 40

Metres

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

N

Australian Rail Track Corporation
Inland Rail - Narrabri to North Star

Job Number 22-17916
Revision 0
Date 02 Jun 2017

Study area and
noise sensitive receivers

Figure C1- Sheet 13

G:\22\17916\GIS\Maps\Deliverables\N2NS\Noise\2217916_N002_NNS_SensitiveReceivers_0.mxd Level 3, GHD Tower, 24 Honeysuckle Drive, Newcastle NSW 2300 T 61 2 4979 9999 F 61 2 4979 9988 E ntlmail@ghd.com W www.ghd.com.au

© 2017. Whilst every care has been taken to prepare this map, GHD and LPI make no representations or warranties about its accuracy, reliability, completeness or suitability for any particular purpose and cannot accept liability and responsibility of any kind (whether in contract, tort or otherwise) for any expenses, losses, damages and/or costs (including indirect or consequential damage) which are or may be incurred by any party as a result of the map being inaccurate, incomplete or unsuitable in any way and for any reason.

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

LEGEND

- Residential receiver
- Watercourse

Paper Size A4

0 5 10 20 30 40

Metres

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

N

Australian Rail Track Corporation
Inland Rail - Narrabri to North Star

Job Number 22-17916
Revision 0
Date 02 Jun 2017

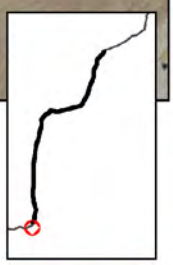
Study area and
noise sensitive receivers

Figure C1- Sheet 14

G:\22\17916\GIS\Maps\Deliverables\N2NS\Noise\2217916_N002_NNS_SensitiveReceivers_0.mxd Level 3, GHD Tower, 24 Honeysuckle Drive, Newcastle NSW 2300 T 61 2 4979 9999 F 61 2 4979 9988 E ntlmail@ghd.com W www.ghd.com.au

© 2017. Whilst every care has been taken to prepare this map, GHD and LPI make no representations or warranties about its accuracy, reliability, completeness or suitability for any particular purpose and cannot accept liability and responsibility of any kind (whether in contract, tort or otherwise) for any expenses, losses, damages and/or costs (including indirect or consequential damage) which are or may be incurred by any party as a result of the map being inaccurate, incomplete or unsuitable in any way and for any reason.

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



LEGEND

- Residential receiver
- Watercourse

Paper Size A4

0 5 10 20 30 40

Metres

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

N

Australian Rail Track Corporation
Inland Rail - Narrabri to North Star

Study area and
noise sensitive receivers

Job Number 22-17916
Revision 0
Date 02 Jun 2017

Figure C1- Sheet 15

G:\22\17916\GIS\Maps\Deliverables\N2NS\Noise\2217916_N002_NNS_SensitiveReceivers_0.mxd Level 3, GHD Tower, 24 Honeysuckle Drive, Newcastle NSW 2300 T 61 2 4979 9999 F 61 2 4979 9988 E ntlmail@ghd.com W www.ghd.com.au

© 2017. Whilst every care has been taken to prepare this map, GHD and LPI make no representations or warranties about its accuracy, reliability, completeness or suitability for any particular purpose and cannot accept liability and responsibility of any kind (whether in contract, tort or otherwise) for any expenses, losses, damages and/or costs (including indirect or consequential damage) which are or may be incurred by any party as a result of the map being inaccurate, incomplete or unsuitable in any way and for any reason.

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

LEGEND

- Residential receiver
- Watercourse

Paper Size A4

0 5 10 20 30 40

Metres

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

N

Australian Rail Track Corporation
Inland Rail - Narrabri to North Star

Job Number 22-17916
Revision 0
Date 02 Jun 2017

Study area and
noise sensitive receivers

Figure C1- Sheet 16

G:\22\17916\GIS\Maps\Deliverables\N2NS\Noise\2217916_N002_NNS_SensitiveReceivers_0.mxd Level 3, GHD Tower, 24 Honeysuckle Drive, Newcastle NSW 2300 T 61 2 4979 9999 F 61 2 4979 9988 E ntlmail@ghd.com W www.ghd.com.au

© 2017. Whilst every care has been taken to prepare this map, GHD and LPI make no representations or warranties about its accuracy, reliability, completeness or suitability for any particular purpose and cannot accept liability and responsibility of any kind (whether in contract, tort or otherwise) for any expenses, losses, damages and/or costs (including indirect or consequential damage) which are or may be incurred by any party as a result of the map being inaccurate, incomplete or unsuitable in any way and for any reason.

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

LEGEND

- Residential receiver
- Watercourse

Paper Size A4

0 5 10 20 30 40

Metres

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

N

Australian Rail Track Corporation
Inland Rail - Narrabri to North Star

Job Number 22-17916
Revision 0
Date 02 Jun 2017

Study area and
noise sensitive receivers

Figure C1- Sheet 17

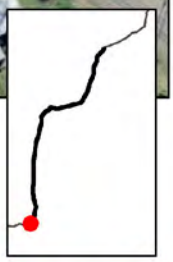
G:\22\17916\GIS\Maps\Deliverables\N2NS\Noise\2217916_N002_NNS_SensitiveReceivers_0.mxd Level 3, GHD Tower, 24 Honeysuckle Drive, Newcastle NSW 2300 T 61 2 4979 9999 F 61 2 4979 9988 E ntlmail@ghd.com W www.ghd.com.au

© 2017. Whilst every care has been taken to prepare this map, GHD and LPI make no representations or warranties about its accuracy, reliability, completeness or suitability for any particular purpose and cannot accept liability and responsibility of any kind (whether in contract, tort or otherwise) for any expenses, losses, damages and/or costs (including indirect or consequential damage) which are or may be incurred by any party as a result of the map being inaccurate, incomplete or unsuitable in any way and for any reason.

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

LEGEND

- Residential receiver
- Watercourse



Paper Size A4

0 5 10 20 30 40

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

N

Australian Rail Track Corporation
Inland Rail - Narrabri to North Star

Job Number 22-17916
Revision 0
Date 02 Jun 2017

Study area and
noise sensitive receivers

Figure C1- Sheet 18

G:\22\17916\GIS\Maps\Deliverables\N2NS\Noise\2217916_N002_NNS_SensitiveReceivers_0.mxd Level 3, GHD Tower, 24 Honeysuckle Drive, Newcastle NSW 2300 T 61 2 4979 9999 F 61 2 4979 9988 E ntlmail@ghd.com W www.ghd.com.au

© 2017. Whilst every care has been taken to prepare this map, GHD and LPI make no representations or warranties about its accuracy, reliability, completeness or suitability for any particular purpose and cannot accept liability and responsibility of any kind (whether in contract, tort or otherwise) for any expenses, losses, damages and/or costs (including indirect or consequential damage) which are or may be incurred by any party as a result of the map being inaccurate, incomplete or unsuitable in any way and for any reason.

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

LEGEND

- Residential receiver
- Watercourse

Paper Size A4

0 70 140 280 420 560

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

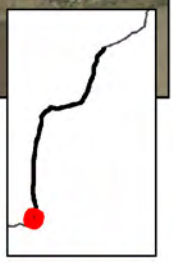
Study area and
noise sensitive receivers

Figure C1- Sheet 19

G:\22\17916\GIS\Maps\Deliverables\N2NS\Noise\2217916_N002_NNS_SensitiveReceivers_0.mxd Level 3, GHD Tower, 24 Honeysuckle Drive, Newcastle NSW 2300 T 61 2 4979 9999 F 61 2 4979 9988 E ntlmail@ghd.com W www.ghd.com.au

© 2017. Whilst every care has been taken to prepare this map, GHD and LPI make no representations or warranties about its accuracy, reliability, completeness or suitability for any particular purpose and cannot accept liability and responsibility of any kind (whether in contract, tort or otherwise) for any expenses, losses, damages and/or costs (including indirect or consequential damage) which are or may be incurred by any party as a result of the map being inaccurate, incomplete or unsuitable in any way and for any reason.

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



LEGEND

- Residential receiver
- The proposal
- Watercourse

Paper Size A4

0 70 140 280 420 560

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

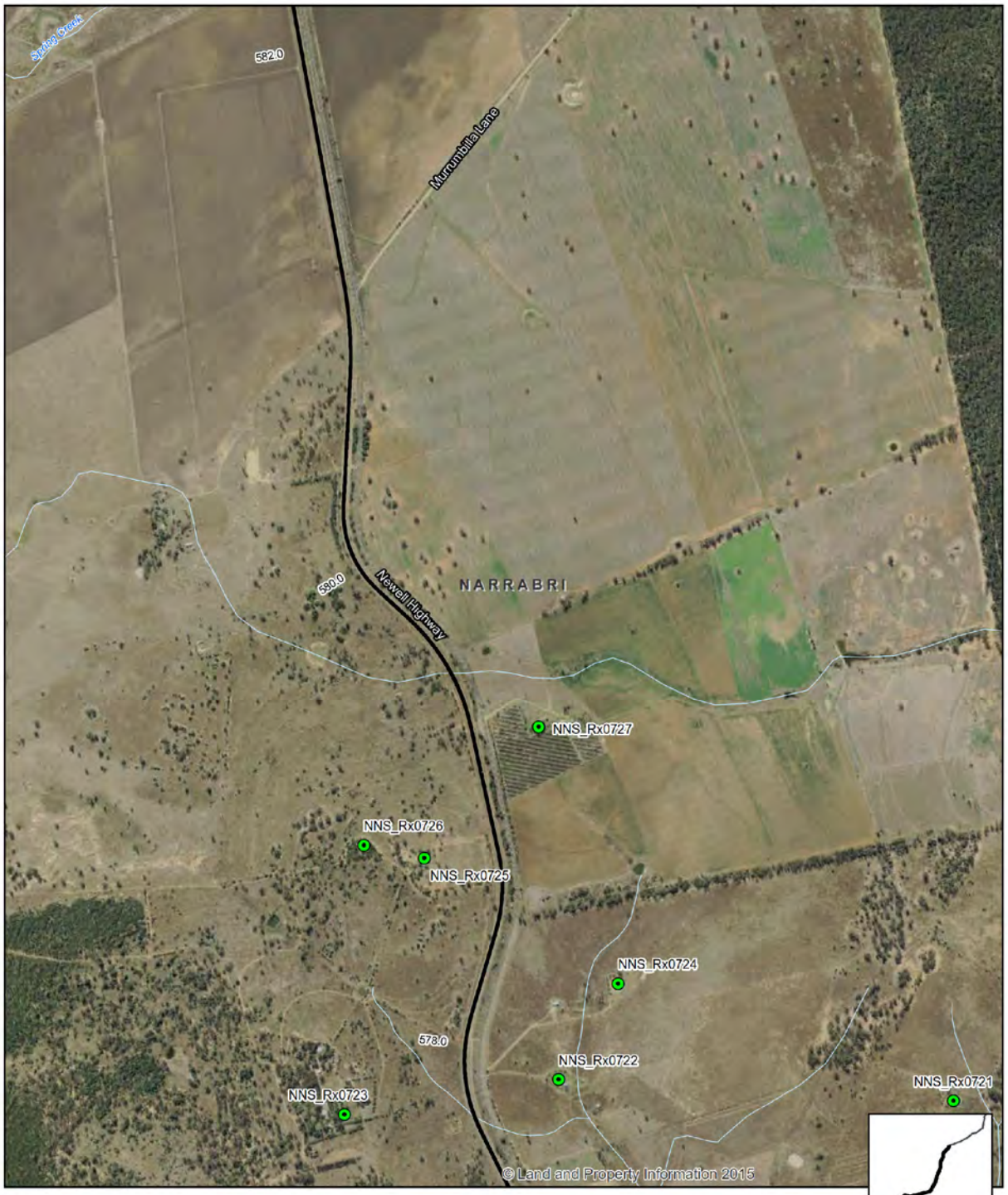
Study area and
noise sensitive receivers

Figure C1- Sheet 20

G:\22\17916\GIS\Maps\Deliverables\N2NS\Noise\2217916_N002_NNS_SensitiveReceivers_0.mxd Level 3, GHD Tower, 24 Honeysuckle Drive, Newcastle NSW 2300 T 61 2 4979 9999 F 61 2 4979 9988 E ntlmail@ghd.com W www.ghd.com.au

© 2017. Whilst every care has been taken to prepare this map, GHD and LPI make no representations or warranties about its accuracy, reliability, completeness or suitability for any particular purpose and cannot accept liability and responsibility of any kind (whether in contract, tort or otherwise) for any expenses, losses, damages and/or costs (including indirect or consequential damage) which are or may be incurred by any party as a result of the map being inaccurate, incomplete or unsuitable in any way and for any reason.

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



LEGEND

- Residential receiver
- The proposal
- Watercourse

Paper Size A4

0 70 140 280 420 560

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

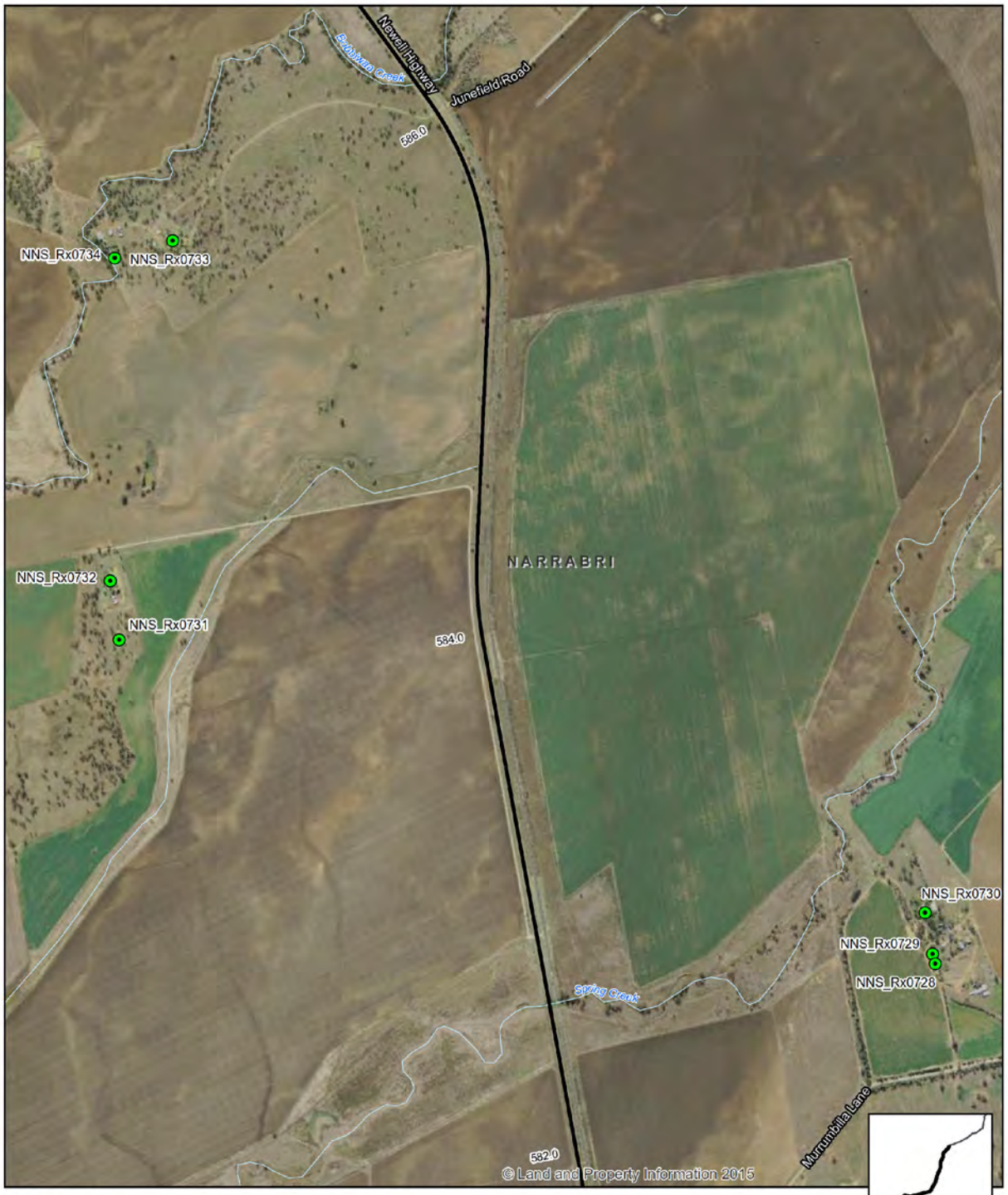
Study area and noise sensitive receivers

Figure C1- Sheet 21

G:\22\17916\GIS\Maps\Deliverables\N2NS\Noise\2217916_N002_NNS_SensitiveReceivers_0.mxd Level 3, GHD Tower, 24 Honeysuckle Drive, Newcastle NSW 2300 T 61 2 4979 9999 F 61 2 4979 9988 E ntlmail@ghd.com W www.ghd.com.au

© 2017. Whilst every care has been taken to prepare this map, GHD and LPI make no representations or warranties about its accuracy, reliability, completeness or suitability for any particular purpose and cannot accept liability and responsibility of any kind (whether in contract, tort or otherwise) for any expenses, losses, damages and/or costs (including indirect or consequential damage) which are or may be incurred by any party as a result of the map being inaccurate, incomplete or unsuitable in any way and for any reason.

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



LEGEND

- Residential receiver
- The proposal
- Watercourse

Paper Size A4

0 70 140 280 420 560

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

Study area and
noise sensitive receivers

Figure C1- Sheet 22

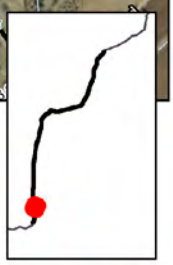
G:\22\17916\GIS\Maps\Deliverables\N2NS\Noise\2217916_N002_NNS_SensitiveReceivers_0.mxd Level 3, GHD Tower, 24 Honeysuckle Drive, Newcastle NSW 2300 T 61 2 4979 9999 F 61 2 4979 9988 E ntlmail@ghd.com W www.ghd.com.au

© 2017. Whilst every care has been taken to prepare this map, GHD and LPI make no representations or warranties about its accuracy, reliability, completeness or suitability for any particular purpose and cannot accept liability and responsibility of any kind (whether in contract, tort or otherwise) for any expenses, losses, damages and/or costs (including indirect or consequential damage) which are or may be incurred by any party as a result of the map being inaccurate, incomplete or unsuitable in any way and for any reason.

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

LEGEND

- Residential receiver
- The proposal
- Watercourse



Paper Size A4

0 70 140 280 420 560

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

Study area and noise sensitive receivers

Figure C1- Sheet 23

G:\22\17916\GIS\Maps\Deliverables\N2NS\Noise\2217916_N002_NNS_SensitiveReceivers_0.mxd Level 3, GHD Tower, 24 Honeysuckle Drive, Newcastle NSW 2300 T 61 2 4979 9999 F 61 2 4979 9988 E ntlmail@ghd.com W www.ghd.com.au

© 2017. Whilst every care has been taken to prepare this map, GHD and LPI make no representations or warranties about its accuracy, reliability, completeness or suitability for any particular purpose and cannot accept liability and responsibility of any kind (whether in contract, tort or otherwise) for any expenses, losses, damages and/or costs (including indirect or consequential damage) which are or may be incurred by any party as a result of the map being inaccurate, incomplete or unsuitable in any way and for any reason.

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

LEGEND

- Residential receiver
- The proposal
- Watercourse

Paper Size A4

0 70 140 280 420 560

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

Study area and
noise sensitive receivers

Figure C1- Sheet 24

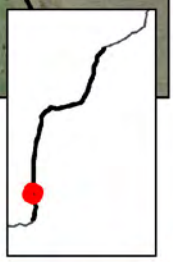
G:\22\17916\GIS\Maps\Deliverables\N2NS\Noise\2217916_N002_NNS_SensitiveReceivers_0.mxd Level 3, GHD Tower, 24 Honeysuckle Drive, Newcastle NSW 2300 T 61 2 4979 9999 F 61 2 4979 9988 E ntlmail@ghd.com W www.ghd.com.au

© 2017. Whilst every care has been taken to prepare this map, GHD and LPI make no representations or warranties about its accuracy, reliability, completeness or suitability for any particular purpose and cannot accept liability and responsibility of any kind (whether in contract, tort or otherwise) for any expenses, losses, damages and/or costs (including indirect or consequential damage) which are or may be incurred by any party as a result of the map being inaccurate, incomplete or unsuitable in any way and for any reason.

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

LEGEND

- Residential receiver
- The proposal
- Watercourse



Paper Size A4

0 70 140 280 420 560

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

Study area and
noise sensitive receivers

Figure C1- Sheet 25

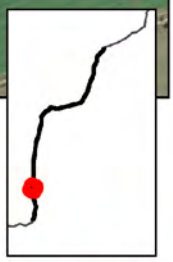
G:\22\17916\GIS\Maps\Deliverables\N2NS\Noise\2217916_N002_NNS_SensitiveReceivers_0.mxd Level 3, GHD Tower, 24 Honeysuckle Drive, Newcastle NSW 2300 T 61 2 4979 9999 F 61 2 4979 9988 E ntlmail@ghd.com W www.ghd.com.au

© 2017. Whilst every care has been taken to prepare this map, GHD and LPI make no representations or warranties about its accuracy, reliability, completeness or suitability for any particular purpose and cannot accept liability and responsibility of any kind (whether in contract, tort or otherwise) for any expenses, losses, damages and/or costs (including indirect or consequential damage) which are or may be incurred by any party as a result of the map being inaccurate, incomplete or unsuitable in any way and for any reason.

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

LEGEND

- Residential receiver
- The proposal
- Watercourse



Paper Size A4

0 70 140 280 420 560

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

Study area and
noise sensitive receivers

Figure C1- Sheet 26

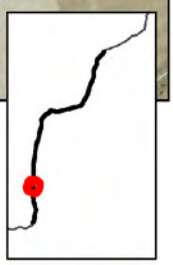
G:\22\17916\GIS\Maps\Deliverables\N2NS\Noise\2217916_N002_NNS_SensitiveReceivers_0.mxd Level 3, GHD Tower, 24 Honeysuckle Drive, Newcastle NSW 2300 T 61 2 4979 9999 F 61 2 4979 9988 E ntlmail@ghd.com W www.ghd.com.au

© 2017. Whilst every care has been taken to prepare this map, GHD and LPI make no representations or warranties about its accuracy, reliability, completeness or suitability for any particular purpose and cannot accept liability and responsibility of any kind (whether in contract, tort or otherwise) for any expenses, losses, damages and/or costs (including indirect or consequential damage) which are or may be incurred by any party as a result of the map being inaccurate, incomplete or unsuitable in any way and for any reason.

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

LEGEND

- Residential receiver
- The proposal
- Watercourse



Paper Size A4

0 70 140 280 420 560

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

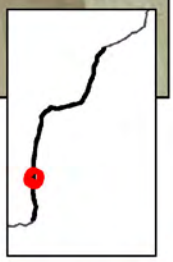
Study area and
noise sensitive receivers

Figure C1- Sheet 27

G:\22\17916\GIS\Maps\Deliverables\N2NS\Noise\2217916_N002_NNS_SensitiveReceivers_0.mxd Level 3, GHD Tower, 24 Honeysuckle Drive, Newcastle NSW 2300 T 61 2 4979 9999 F 61 2 4979 9988 E ntlmail@ghd.com W www.ghd.com.au

© 2017. Whilst every care has been taken to prepare this map, GHD and LPI make no representations or warranties about its accuracy, reliability, completeness or suitability for any particular purpose and cannot accept liability and responsibility of any kind (whether in contract, tort or otherwise) for any expenses, losses, damages and/or costs (including indirect or consequential damage) which are or may be incurred by any party as a result of the map being inaccurate, incomplete or unsuitable in any way and for any reason.

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



LEGEND

- Residential receiver
- The proposal
- Watercourse

Paper Size A4

0 70 140 280 420 560

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

Study area and
noise sensitive receivers

Figure C1- Sheet 28

G:\22\17916\GIS\Maps\Deliverables\N2NS\Noise\2217916_N002_NNS_SensitiveReceivers_0.mxd Level 3, GHD Tower, 24 Honeysuckle Drive, Newcastle NSW 2300 T 61 2 4979 9999 F 61 2 4979 9988 E ntlmail@ghd.com W www.ghd.com.au

© 2017. Whilst every care has been taken to prepare this map, GHD and LPI make no representations or warranties about its accuracy, reliability, completeness or suitability for any particular purpose and cannot accept liability and responsibility of any kind (whether in contract, tort or otherwise) for any expenses, losses, damages and/or costs (including indirect or consequential damage) which are or may be incurred by any party as a result of the map being inaccurate, incomplete or unsuitable in any way and for any reason.

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

LEGEND

- Residential receiver
- Active recreation
- Education
- Passive recreation
- Religous
- The proposal
- Watercourse

Paper Size A4

0 70 140 280 420 560

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

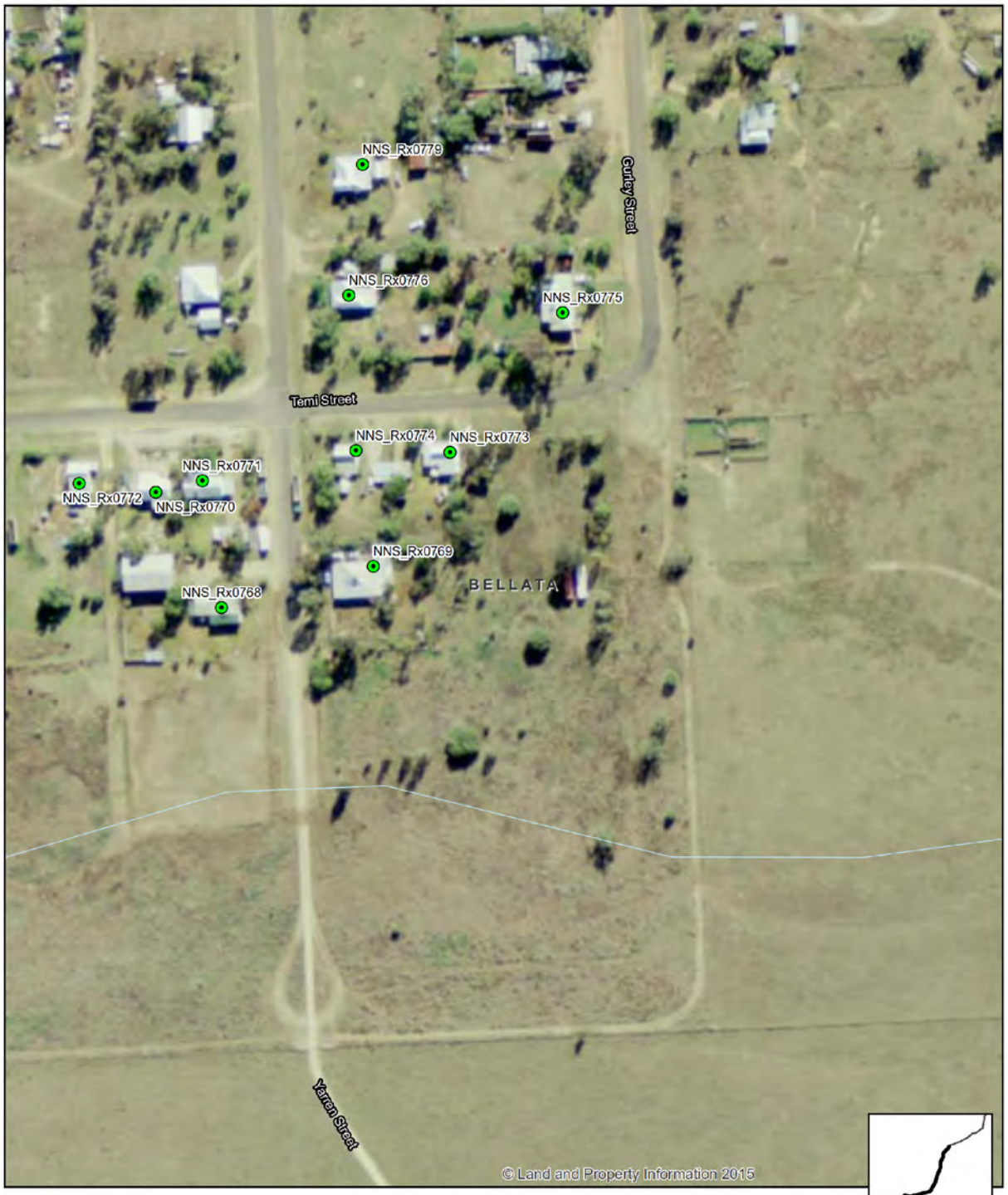
Study area and
noise sensitive receivers

Figure C1- Sheet 29

G:\22\17916\GIS\Maps\Deliverables\N2NS\Noise\2217916_N002_NNS_SensitiveReceivers_0.mxd Level 3, GHD Tower, 24 Honeysuckle Drive, Newcastle NSW 2300 T 61 2 4979 9999 F 61 2 4979 9988 E ntlmail@ghd.com W www.ghd.com.au

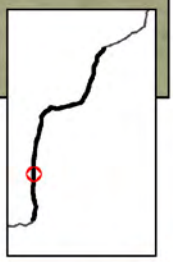
© 2017. Whilst every care has been taken to prepare this map, GHD and LPI make no representations or warranties about its accuracy, reliability, completeness or suitability for any particular purpose and cannot accept liability and responsibility of any kind (whether in contract, tort or otherwise) for any expenses, losses, damages and/or costs (including indirect or consequential damage) which are or may be incurred by any party as a result of the map being inaccurate, incomplete or unsuitable in any way and for any reason.

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



LEGEND

- Residential receiver
- Watercourse



Paper Size A4

0 5 10 20 30 40

Metres

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

N

Australian Rail Track Corporation
Inland Rail - Narrabri to North Star

Study area and
noise sensitive receivers

Job Number 22-17916
Revision 0
Date 02 Jun 2017

Figure C1- Sheet 30

G:\22\17916\GIS\Maps\Deliverables\N2NS\Noise\2217916_N002_NNS_SensitiveReceivers_0.mxd Level 3, GHD Tower, 24 Honeysuckle Drive, Newcastle NSW 2300 T 61 2 4979 9999 F 61 2 4979 9988 E ntlmail@ghd.com W www.ghd.com.au

© 2017. Whilst every care has been taken to prepare this map, GHD and LPI make no representations or warranties about its accuracy, reliability, completeness or suitability for any particular purpose and cannot accept liability and responsibility of any kind (whether in contract, tort or otherwise) for any expenses, losses, damages and/or costs (including indirect or consequential damage) which are or may be incurred by any party as a result of the map being inaccurate, incomplete or unsuitable in any way and for any reason.

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

LEGEND

- Residential receiver
- Active recreation
- Education
- Religous
- Watercourse

Paper Size A4

0 5 10 20 30 40

Metres

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

N

Australian Rail Track Corporation
Inland Rail - Narrabri to North Star

Job Number 22-17916
Revision 0
Date 02 Jun 2017

Study area and
noise sensitive receivers

Figure C1- Sheet 31

G:\22\17916\GIS\Maps\Deliverables\N2NS\Noise\2217916_N002_NNS_SensitiveReceivers_0.mxd Level 3, GHD Tower, 24 Honeysuckle Drive, Newcastle NSW 2300 T 61 2 4979 9999 F 61 2 4979 9988 E ntlmail@ghd.com W www.ghd.com.au

© 2017. Whilst every care has been taken to prepare this map, GHD and LPI make no representations or warranties about its accuracy, reliability, completeness or suitability for any particular purpose and cannot accept liability and responsibility of any kind (whether in contract, tort or otherwise) for any expenses, losses, damages and/or costs (including indirect or consequential damage) which are or may be incurred by any party as a result of the map being inaccurate, incomplete or unsuitable in any way and for any reason.

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

LEGEND

- Residential receiver
- Passive recreation
- Religous
- The proposal
- Watercourse

Paper Size A4

0 5 10 20 30 40

Metres

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

N

Australian Rail Track Corporation
Inland Rail - Narrabri to North Star

Job Number 22-17916
Revision 0
Date 02 Jun 2017

Study area and
noise sensitive receivers

Figure C1- Sheet 32

G:\22\17916\GIS\Maps\Deliverables\N2NS\Noise\2217916_N002_NNS_SensitiveReceivers_0.mxd Level 3, GHD Tower, 24 Honeysuckle Drive, Newcastle NSW 2300 T 61 2 4979 9999 F 61 2 4979 9988 E ntlmail@ghd.com W www.ghd.com.au

© 2017. Whilst every care has been taken to prepare this map, GHD and LPI make no representations or warranties about its accuracy, reliability, completeness or suitability for any particular purpose and cannot accept liability and responsibility of any kind (whether in contract, tort or otherwise) for any expenses, losses, damages and/or costs (including indirect or consequential damage) which are or may be incurred by any party as a result of the map being inaccurate, incomplete or unsuitable in any way and for any reason.

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

LEGEND

- Residential receiver
- Passive recreation
- The proposal
- Watercourse

Paper Size A4

0 5 10 20 30 40

Metres

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

N

Australian Rail Track Corporation
Inland Rail - Narrabri to North Star

Job Number 22-17916
Revision 0
Date 02 Jun 2017

Study area and
noise sensitive receivers

Figure C1- Sheet 33

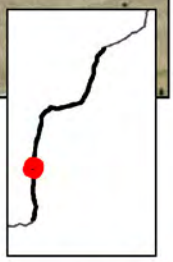
G:\22\17916\GIS\Maps\Deliverables\N2NS\Noise\2217916_N002_NNS_SensitiveReceivers_0.mxd Level 3, GHD Tower, 24 Honeysuckle Drive, Newcastle NSW 2300 T 61 2 4979 9999 F 61 2 4979 9988 E ntlmail@ghd.com W www.ghd.com.au

© 2017. Whilst every care has been taken to prepare this map, GHD and LPI make no representations or warranties about its accuracy, reliability, completeness or suitability for any particular purpose and cannot accept liability and responsibility of any kind (whether in contract, tort or otherwise) for any expenses, losses, damages and/or costs (including indirect or consequential damage) which are or may be incurred by any party as a result of the map being inaccurate, incomplete or unsuitable in any way and for any reason.

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

LEGEND

- Residential receiver
- The proposal
- Watercourse



Paper Size A4

0 70 140 280 420 560

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

Study area and
noise sensitive receivers

Figure C1- Sheet 34

G:\22\17916\GIS\Maps\Deliverables\N2NS\Noise\2217916_N002_NNS_SensitiveReceivers_0.mxd Level 3, GHD Tower, 24 Honeysuckle Drive, Newcastle NSW 2300 T 61 2 4979 9999 F 61 2 4979 9988 E ntlmail@ghd.com W www.ghd.com.au

© 2017. Whilst every care has been taken to prepare this map, GHD and LPI make no representations or warranties about its accuracy, reliability, completeness or suitability for any particular purpose and cannot accept liability and responsibility of any kind (whether in contract, tort or otherwise) for any expenses, losses, damages and/or costs (including indirect or consequential damage) which are or may be incurred by any party as a result of the map being inaccurate, incomplete or unsuitable in any way and for any reason.

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

LEGEND

- Residential receiver
- The proposal
- Watercourse

Paper Size A4

0 70 140 280 420 560

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

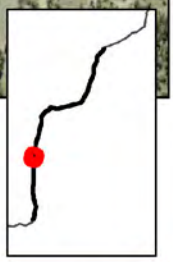
Study area and noise sensitive receivers

Figure C1- Sheet 35

G:\22\17916\GIS\Maps\Deliverables\N2NS\Noise\2217916_N002_NNS_SensitiveReceivers_0.mxd Level 3, GHD Tower, 24 Honeysuckle Drive, Newcastle NSW 2300 T 61 2 4979 9999 F 61 2 4979 9988 E ntlmail@ghd.com W www.ghd.com.au

© 2017. Whilst every care has been taken to prepare this map, GHD and LPI make no representations or warranties about its accuracy, reliability, completeness or suitability for any particular purpose and cannot accept liability and responsibility of any kind (whether in contract, tort or otherwise) for any expenses, losses, damages and/or costs (including indirect or consequential damage) which are or may be incurred by any party as a result of the map being inaccurate, incomplete or unsuitable in any way and for any reason.

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



LEGEND

- The proposal
- Watercourse

Paper Size A4

0 70 140 280 420 560

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

Study area and
noise sensitive receivers

Figure C1- Sheet 36

G:\22\17916\GIS\Maps\Deliverables\N2NS\Noise\2217916_N002_NNS_SensitiveReceivers_0.mxd Level 3, GHD Tower, 24 Honeysuckle Drive, Newcastle NSW 2300 T 61 2 4979 9999 F 61 2 4979 9988 E ntlmail@ghd.com W www.ghd.com.au

© 2017. Whilst every care has been taken to prepare this map, GHD and LPI make no representations or warranties about its accuracy, reliability, completeness or suitability for any particular purpose and cannot accept liability and responsibility of any kind (whether in contract, tort or otherwise) for any expenses, losses, damages and/or costs (including indirect or consequential damage) which are or may be incurred by any party as a result of the map being inaccurate, incomplete or unsuitable in any way and for any reason.

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

LEGEND

- Residential receiver
- Passive recreation
- The proposal
- Watercourse

Paper Size A4

0 70 140 280 420 560

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

Study area and
noise sensitive receivers

Job Number 22-17916
Revision 0
Date 02 Jun 2017

Figure C1- Sheet 37

G:\22\17916\GIS\Maps\Deliverables\N2NS\Noise\2217916_N002_NNS_SensitiveReceivers_0.mxd Level 3, GHD Tower, 24 Honeysuckle Drive, Newcastle NSW 2300 T 61 2 4979 9999 F 61 2 4979 9988 E ntlmail@ghd.com W www.ghd.com.au

© 2017. Whilst every care has been taken to prepare this map, GHD and LPI make no representations or warranties about its accuracy, reliability, completeness or suitability for any particular purpose and cannot accept liability and responsibility of any kind (whether in contract, tort or otherwise) for any expenses, losses, damages and/or costs (including indirect or consequential damage) which are or may be incurred by any party as a result of the map being inaccurate, incomplete or unsuitable in any way and for any reason.

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

LEGEND

- Residential receiver
- Watercourse

Paper Size A4

0 5 10 20 30 40

Metres

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

N

Australian Rail Track Corporation
Inland Rail - Narrabri to North Star

Job Number 22-17916
Revision 0
Date 02 Jun 2017

Study area and
noise sensitive receivers

Figure C1- Sheet 38

G:\22\17916\GIS\Maps\Deliverables\N2NS\Noise\2217916_N002_NNS_SensitiveReceivers_0.mxd Level 3, GHD Tower, 24 Honeysuckle Drive, Newcastle NSW 2300 T 61 2 4979 9999 F 61 2 4979 9988 E ntlmail@ghd.com W www.ghd.com.au

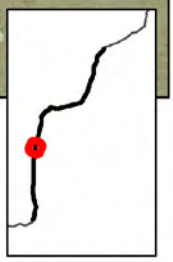
© 2017. Whilst every care has been taken to prepare this map, GHD and LPI make no representations or warranties about its accuracy, reliability, completeness or suitability for any particular purpose and cannot accept liability and responsibility of any kind (whether in contract, tort or otherwise) for any expenses, losses, damages and/or costs (including indirect or consequential damage) which are or may be incurred by any party as a result of the map being inaccurate, incomplete or unsuitable in any way and for any reason.

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

LEGEND

The proposal

Watercourse



Paper Size A4

0 70 140 280 420 560

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

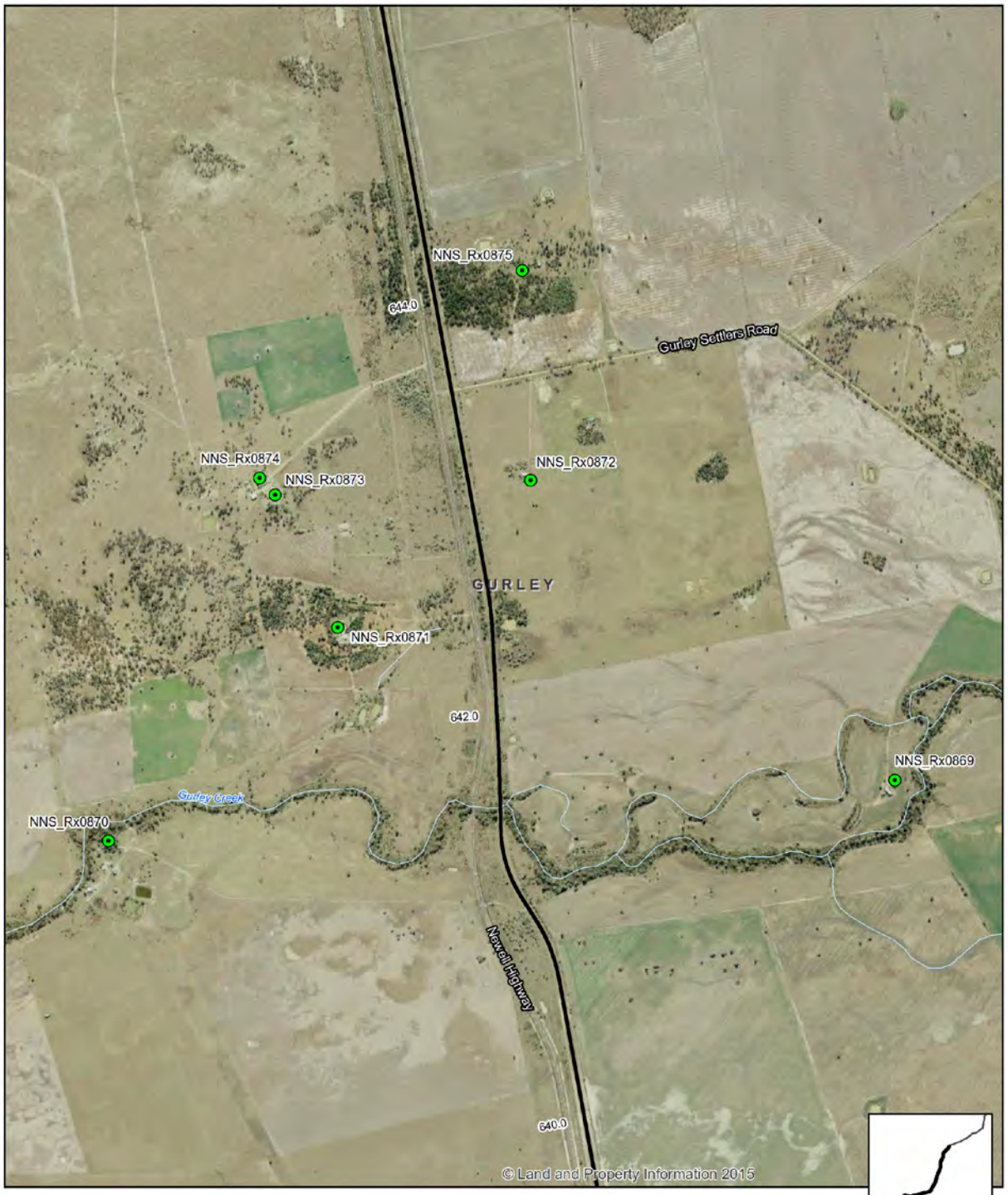
Study area and
noise sensitive receivers

Figure C1- Sheet 39

G:\22\17916\GIS\Maps\Deliverables\N2NS\Noise\2217916_N002_NNS_SensitiveReceivers_0.mxd Level 3, GHD Tower, 24 Honeysuckle Drive, Newcastle NSW 2300 T 61 2 4979 9999 F 61 2 4979 9988 E ntlmail@ghd.com W www.ghd.com.au

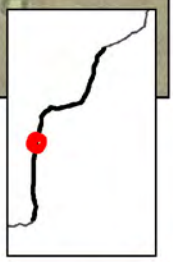
© 2017. Whilst every care has been taken to prepare this map, GHD and LPI make no representations or warranties about its accuracy, reliability, completeness or suitability for any particular purpose and cannot accept liability and responsibility of any kind (whether in contract, tort or otherwise) for any expenses, losses, damages and/or costs (including indirect or consequential damage) which are or may be incurred by any party as a result of the map being inaccurate, incomplete or unsuitable in any way and for any reason.

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



LEGEND

- Residential receiver
- The proposal
- Watercourse



Paper Size A4

0 90 180 360 540 720

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

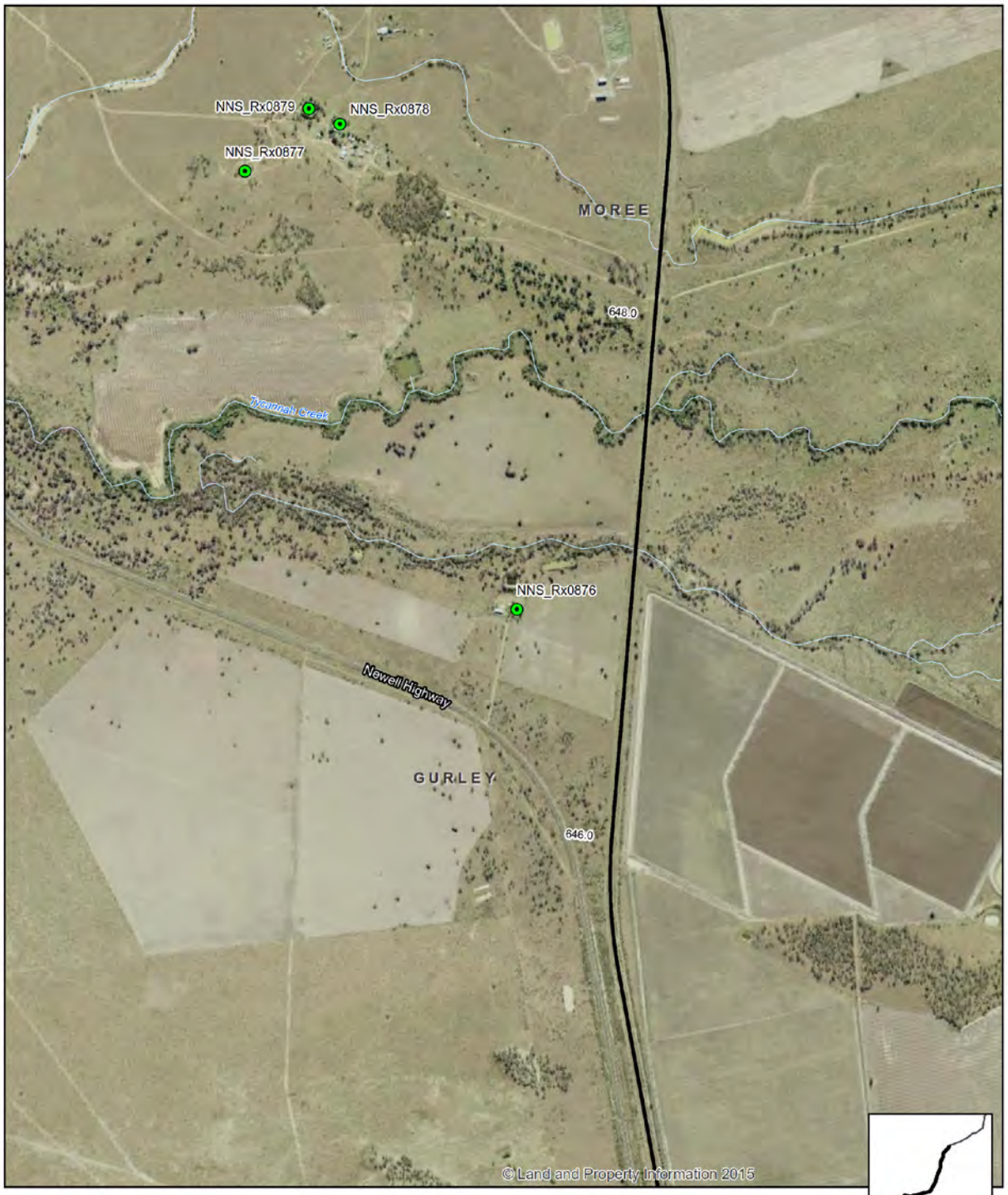
Study area and
noise sensitive receivers

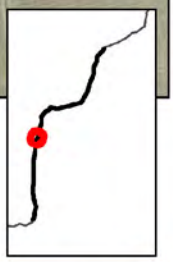
Figure C1- Sheet 40

G:\22\17916\GIS\Maps\Deliverables\N2NS\Noise\2217916_N002_NNS_SensitiveReceivers_0.mxd Level 3, GHD Tower, 24 Honeysuckle Drive, Newcastle NSW 2300 T 61 2 4979 9999 F 61 2 4979 9988 E ntlmail@ghd.com W www.ghd.com.au

© 2017. Whilst every care has been taken to prepare this map, GHD and LPI make no representations or warranties about its accuracy, reliability, completeness or suitability for any particular purpose and cannot accept liability and responsibility of any kind (whether in contract, tort or otherwise) for any expenses, losses, damages and/or costs (including indirect or consequential damage) which are or may be incurred by any party as a result of the map being inaccurate, incomplete or unsuitable in any way and for any reason.

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





LEGEND

- Residential receiver
- The proposal
- Watercourse

Paper Size A4

0 70 140 280 420 560

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

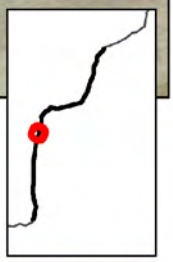
Job Number 22-17916
Revision 0
Date 02 Jun 2017

Study area and
noise sensitive receivers

Figure C1- Sheet 41

G:\22\17916\GIS\Maps\Deliverables\N2NS\Noise\2217916_N002_NNS_SensitiveReceivers_0.mxd Level 3, GHD Tower, 24 Honeysuckle Drive, Newcastle NSW 2300 T 61 2 4979 9999 F 61 2 4979 9988 E ntlmail@ghd.com W www.ghd.com.au

© 2017. Whilst every care has been taken to prepare this map, GHD and LPI make no representations or warranties about its accuracy, reliability, completeness or suitability for any particular purpose and cannot accept liability and responsibility of any kind (whether in contract, tort or otherwise) for any expenses, losses, damages and/or costs (including indirect or consequential damage) which are or may be incurred by any party as a result of the map being inaccurate, incomplete or unsuitable in any way and for any reason.
Data source: LPI: DTDB, 2012. LPI: Imagery, 2012. Created by: tmorton, fmackay, kpsroba



LEGEND

- Residential receiver
- The proposal
- Watercourse

Paper Size A4

0 70 140 280 420 560

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

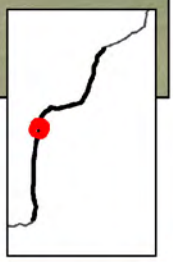
Study area and
noise sensitive receivers

Figure C1- Sheet 42

G:\22\17916\GIS\Maps\Deliverables\N2NS\Noise\2217916_N002_NNS_SensitiveReceivers_0.mxd Level 3, GHD Tower, 24 Honeysuckle Drive, Newcastle NSW 2300 T 61 2 4979 9999 F 61 2 4979 9988 E ntlmail@ghd.com W www.ghd.com.au

© 2017. Whilst every care has been taken to prepare this map, GHD and LPI make no representations or warranties about its accuracy, reliability, completeness or suitability for any particular purpose and cannot accept liability and responsibility of any kind (whether in contract, tort or otherwise) for any expenses, losses, damages and/or costs (including indirect or consequential damage) which are or may be incurred by any party as a result of the map being inaccurate, incomplete or unsuitable in any way and for any reason.

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



LEGEND

- Residential receiver
- The proposal
- Watercourse

Paper Size A4

0 70 140 280 420 560

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

Study area and
noise sensitive receivers

Job Number 22-17916
Revision 0
Date 02 Jun 2017

Figure C1- Sheet 43

G:\22\17916\GIS\Maps\Deliverables\N2NS\Noise\2217916_N002_NNS_SensitiveReceivers_0.mxd Level 3, GHD Tower, 24 Honeysuckle Drive, Newcastle NSW 2300 T 61 2 4979 9999 F 61 2 4979 9988 E ntlmail@ghd.com W www.ghd.com.au

© 2017. Whilst every care has been taken to prepare this map, GHD and LPI make no representations or warranties about its accuracy, reliability, completeness or suitability for any particular purpose and cannot accept liability and responsibility of any kind (whether in contract, tort or otherwise) for any expenses, losses, damages and/or costs (including indirect or consequential damage) which are or may be incurred by any party as a result of the map being inaccurate, incomplete or unsuitable in any way and for any reason.

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

LEGEND

- Residential receiver
- Active recreation
- The proposal
- Watercourse

Paper Size A4

0 70 140 280 420 560

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

Study area and
noise sensitive receivers

Figure C1- Sheet 44

G:\22\17916\GIS\Maps\Deliverables\N2NS\Noise\2217916_N002_NNS_SensitiveReceivers_0.mxd Level 3, GHD Tower, 24 Honeysuckle Drive, Newcastle NSW 2300 T 61 2 4979 9999 F 61 2 4979 9988 E ntlmail@ghd.com W www.ghd.com.au

© 2017. Whilst every care has been taken to prepare this map, GHD and LPI make no representations or warranties about its accuracy, reliability, completeness or suitability for any particular purpose and cannot accept liability and responsibility of any kind (whether in contract, tort or otherwise) for any expenses, losses, damages and/or costs (including indirect or consequential damage) which are or may be incurred by any party as a result of the map being inaccurate, incomplete or unsuitable in any way and for any reason.

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

LEGEND

- Residential receiver
- Active recreation
- Passive recreation
- Religous
- The proposal
- Watercourse

Paper Size A4

0 55 110 220 330 440

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

Study area and
noise sensitive receivers

Figure C1- Sheet 45

G:\22\17916\GIS\Maps\Deliverables\N2NS\Noise\2217916_N002_NNS_SensitiveReceivers_0.mxd Level 3, GHD Tower, 24 Honeysuckle Drive, Newcastle NSW 2300 T 61 2 4979 9999 F 61 2 4979 9988 E ntlmail@ghd.com W www.ghd.com.au

© 2017. Whilst every care has been taken to prepare this map, GHD and LPI make no representations or warranties about its accuracy, reliability, completeness or suitability for any particular purpose and cannot accept liability and responsibility of any kind (whether in contract, tort or otherwise) for any expenses, losses, damages and/or costs (including indirect or consequential damage) which are or may be incurred by any party as a result of the map being inaccurate, incomplete or unsuitable in any way and for any reason.

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

LEGEND

- Residential receiver
- Watercourse

Paper Size A4

0 5 10 20 30 40

Metres

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

N

Australian Rail Track Corporation
Inland Rail - Narrabri to North Star

Job Number 22-17916
Revision 0
Date 02 Jun 2017

Study area and
noise sensitive receivers

Figure C1- Sheet 46

G:\22\17916\GIS\Maps\Deliverables\N2NS\Noise\2217916_N002_NNS_SensitiveReceivers_0.mxd Level 3, GHD Tower, 24 Honeysuckle Drive, Newcastle NSW 2300 T 61 2 4979 9999 F 61 2 4979 9988 E ntlmail@ghd.com W www.ghd.com.au

© 2017. Whilst every care has been taken to prepare this map, GHD and LPI make no representations or warranties about its accuracy, reliability, completeness or suitability for any particular purpose and cannot accept liability and responsibility of any kind (whether in contract, tort or otherwise) for any expenses, losses, damages and/or costs (including indirect or consequential damage) which are or may be incurred by any party as a result of the map being inaccurate, incomplete or unsuitable in any way and for any reason.

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

LEGEND

- Residential receiver
- Passive recreation
- Watercourse

Paper Size A4

0 5 10 20 30 40

Metres

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

N

Australian Rail Track Corporation
Inland Rail - Narrabri to North Star

Study area and
noise sensitive receivers

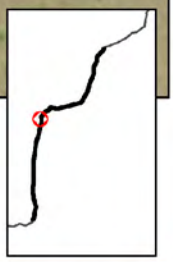
Job Number 22-17916
Revision 0
Date 02 Jun 2017

Figure C1- Sheet 47

G:\22\17916\GIS\Maps\Deliverables\N2NS\Noise\2217916_N002_NNS_SensitiveReceivers_0.mxd Level 3, GHD Tower, 24 Honeysuckle Drive, Newcastle NSW 2300 T 61 2 4979 9999 F 61 2 4979 9988 E ntlmail@ghd.com W www.ghd.com.au

© 2017. Whilst every care has been taken to prepare this map, GHD and LPI make no representations or warranties about its accuracy, reliability, completeness or suitability for any particular purpose and cannot accept liability and responsibility of any kind (whether in contract, tort or otherwise) for any expenses, losses, damages and/or costs (including indirect or consequential damage) which are or may be incurred by any party as a result of the map being inaccurate, incomplete or unsuitable in any way and for any reason.

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



LEGEND

- Residential receiver
- Watercourse

Paper Size A4

0 5 10 20 30 40

Metres

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

N

Australian Rail Track Corporation
Inland Rail - Narrabri to North Star

Study area and
noise sensitive receivers

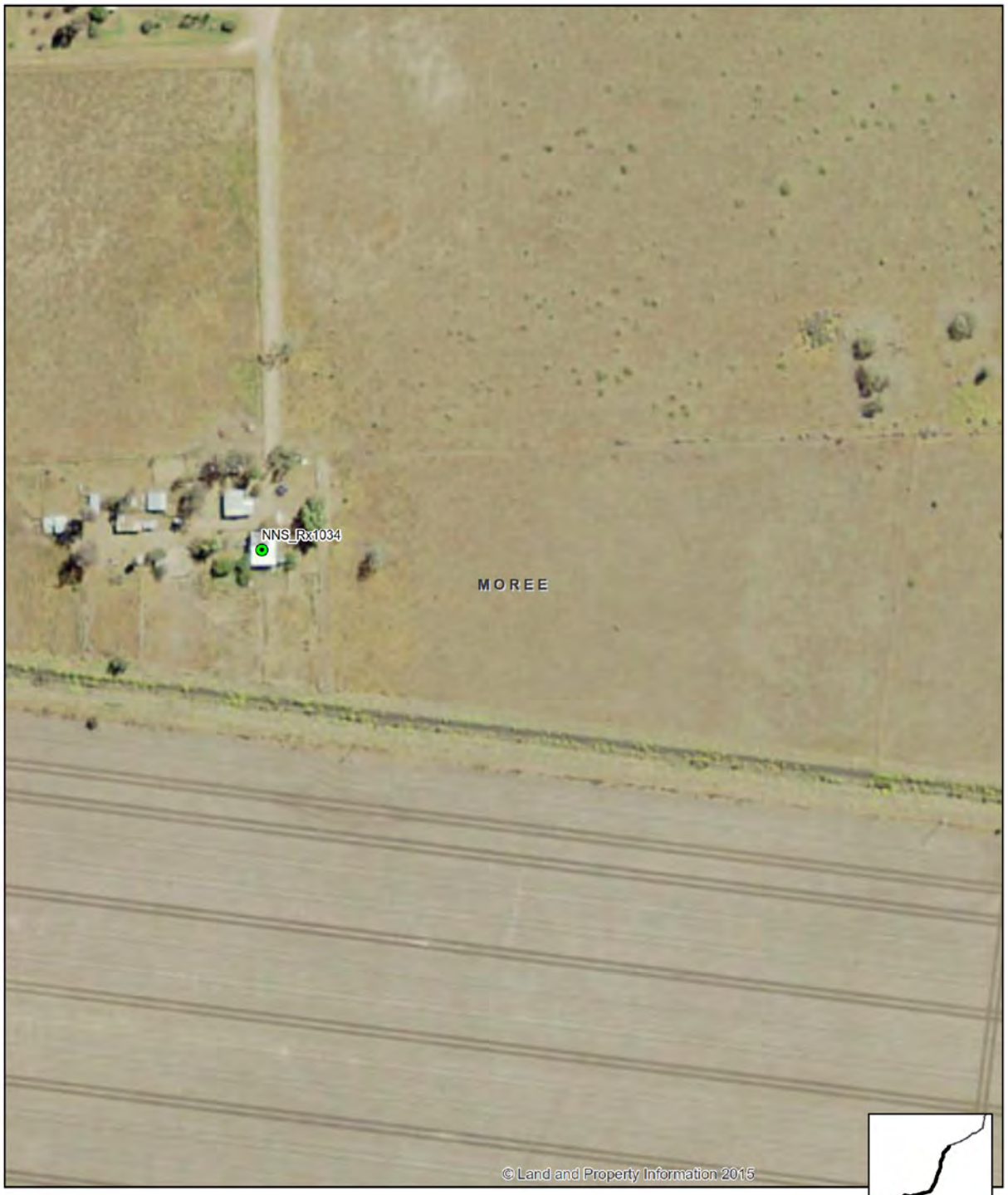
Job Number 22-17916
Revision 0
Date 02 Jun 2017

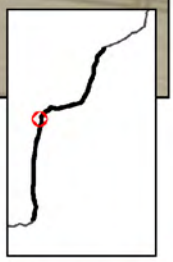
Figure C1- Sheet 48

G:\22\17916\GIS\Maps\Deliverables\N2NS\Noise\2217916_N002_NNS_SensitiveReceivers_0.mxd Level 3, GHD Tower, 24 Honeysuckle Drive, Newcastle NSW 2300 T 61 2 4979 9999 F 61 2 4979 9988 E ntlmail@ghd.com W www.ghd.com.au

© 2017. Whilst every care has been taken to prepare this map, GHD and LPI make no representations or warranties about its accuracy, reliability, completeness or suitability for any particular purpose and cannot accept liability and responsibility of any kind (whether in contract, tort or otherwise) for any expenses, losses, damages and/or costs (including indirect or consequential damage) which are or may be incurred by any party as a result of the map being inaccurate, incomplete or unsuitable in any way and for any reason.

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





LEGEND

- Residential receiver
- Watercourse

Paper Size A4

0 5 10 20 30 40

Metres

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

N

Australian Rail Track Corporation
Inland Rail - Narrabri to North Star

Job Number 22-17916
Revision 0
Date 02 Jun 2017

Study area and
noise sensitive receivers

Figure C1- Sheet 49

G:\22\17916\GIS\Maps\Deliverables\N2NS\Noise\2217916_N002_NNS_SensitiveReceivers_0.mxd Level 3, GHD Tower, 24 Honeysuckle Drive, Newcastle NSW 2300 T 61 2 4979 9999 F 61 2 4979 9988 E ntlmail@ghd.com W www.ghd.com.au

© 2017. Whilst every care has been taken to prepare this map, GHD and LPI make no representations or warranties about its accuracy, reliability, completeness or suitability for any particular purpose and cannot accept liability and responsibility of any kind (whether in contract, tort or otherwise) for any expenses, losses, damages and/or costs (including indirect or consequential damage) which are or may be incurred by any party as a result of the map being inaccurate, incomplete or unsuitable in any way and for any reason.

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

LEGEND

- Residential receiver
- Watercourse

Paper Size A4

0 5 10 20 30 40

Metres

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

N

Australian Rail Track Corporation
Inland Rail - Narrabri to North Star

Job Number 22-17916
Revision 0
Date 02 Jun 2017

Study area and
noise sensitive receivers

Figure C1- Sheet 50

G:\22\17916\GIS\Maps\Deliverables\N2NS\Noise\2217916_N002_NNS_SensitiveReceivers_0.mxd Level 3, GHD Tower, 24 Honeysuckle Drive, Newcastle NSW 2300 T 61 2 4979 9999 F 61 2 4979 9988 E ntlmail@ghd.com W www.ghd.com.au

© 2017. Whilst every care has been taken to prepare this map, GHD and LPI make no representations or warranties about its accuracy, reliability, completeness or suitability for any particular purpose and cannot accept liability and responsibility of any kind (whether in contract, tort or otherwise) for any expenses, losses, damages and/or costs (including indirect or consequential damage) which are or may be incurred by any party as a result of the map being inaccurate, incomplete or unsuitable in any way and for any reason.

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

LEGEND

- Residential receiver
- Watercourse

Paper Size A4

0 5 10 20 30 40

Metres

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

N

Australian Rail Track Corporation
Inland Rail - Narrabri to North Star

Job Number 22-17916
Revision 0
Date 02 Jun 2017

Study area and
noise sensitive receivers

Figure C1- Sheet 51

G:\22\17916\GIS\Maps\Deliverables\N2NS\Noise\2217916_N002_NNS_SensitiveReceivers_0.mxd Level 3, GHD Tower, 24 Honeysuckle Drive, Newcastle NSW 2300 T 61 2 4979 9999 F 61 2 4979 9988 E ntlmail@ghd.com W www.ghd.com.au

© 2017. Whilst every care has been taken to prepare this map, GHD and LPI make no representations or warranties about its accuracy, reliability, completeness or suitability for any particular purpose and cannot accept liability and responsibility of any kind (whether in contract, tort or otherwise) for any expenses, losses, damages and/or costs (including indirect or consequential damage) which are or may be incurred by any party as a result of the map being inaccurate, incomplete or unsuitable in any way and for any reason.

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

LEGEND

- Residential receiver
- Watercourse

Paper Size A4

0 5 10 20 30 40

Metres

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

N

Australian Rail Track Corporation
Inland Rail - Narrabri to North Star

Job Number 22-17916
Revision 0
Date 02 Jun 2017

Study area and
noise sensitive receivers

Figure C1- Sheet 52

G:\22\17916\GIS\Maps\Deliverables\N2NS\Noise\2217916_N002_NNS_SensitiveReceivers_0.mxd Level 3, GHD Tower, 24 Honeysuckle Drive, Newcastle NSW 2300 T 61 2 4979 9999 F 61 2 4979 9988 E ntlmail@ghd.com W www.ghd.com.au

© 2017. Whilst every care has been taken to prepare this map, GHD and LPI make no representations or warranties about its accuracy, reliability, completeness or suitability for any particular purpose and cannot accept liability and responsibility of any kind (whether in contract, tort or otherwise) for any expenses, losses, damages and/or costs (including indirect or consequential damage) which are or may be incurred by any party as a result of the map being inaccurate, incomplete or unsuitable in any way and for any reason.

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

LEGEND

- Residential receiver
- Active recreation
- Watercourse

Paper Size A4

0 5 10 20 30 40

Metres

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

N

Australian Rail Track Corporation
Inland Rail - Narrabri to North Star

Job Number 22-17916
Revision 0
Date 02 Jun 2017

Study area and
noise sensitive receivers

Figure C1- Sheet 53

G:\22\17916\GIS\Maps\Deliverables\N2NS\Noise\2217916_N002_NNS_SensitiveReceivers_0.mxd Level 3, GHD Tower, 24 Honeysuckle Drive, Newcastle NSW 2300 T 61 2 4979 9999 F 61 2 4979 9988 E ntlmail@ghd.com W www.ghd.com.au

© 2017. Whilst every care has been taken to prepare this map, GHD and LPI make no representations or warranties about its accuracy, reliability, completeness or suitability for any particular purpose and cannot accept liability and responsibility of any kind (whether in contract, tort or otherwise) for any expenses, losses, damages and/or costs (including indirect or consequential damage) which are or may be incurred by any party as a result of the map being inaccurate, incomplete or unsuitable in any way and for any reason.

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

LEGEND

- Residential receiver
- Watercourse

Paper Size A4

0 5 10 20 30 40

Metres

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

N

Australian Rail Track Corporation
Inland Rail - Narrabri to North Star

Study area and
noise sensitive receivers

Job Number 22-17916
Revision 0
Date 02 Jun 2017

Figure C1- Sheet 54

G:\22\17916\GIS\Maps\Deliverables\N2NS\Noise\2217916_N002_NNS_SensitiveReceivers_0.mxd Level 3, GHD Tower, 24 Honeysuckle Drive, Newcastle NSW 2300 T 61 2 4979 9999 F 61 2 4979 9988 E ntlmail@ghd.com W www.ghd.com.au

© 2017. Whilst every care has been taken to prepare this map, GHD and LPI make no representations or warranties about its accuracy, reliability, completeness or suitability for any particular purpose and cannot accept liability and responsibility of any kind (whether in contract, tort or otherwise) for any expenses, losses, damages and/or costs (including indirect or consequential damage) which are or may be incurred by any party as a result of the map being inaccurate, incomplete or unsuitable in any way and for any reason.

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

LEGEND

- Residential receiver
- Watercourse

Paper Size A4

0 5 10 20 30 40

Metres

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

N

Australian Rail Track Corporation
Inland Rail - Narrabri to North Star

Study area and
noise sensitive receivers

Job Number 22-17916
Revision 0
Date 02 Jun 2017

Figure C1- Sheet 55

G:\22\17916\GIS\Maps\Deliverables\N2NS\Noise\2217916_N002_NNS_SensitiveReceivers_0.mxd Level 3, GHD Tower, 24 Honeysuckle Drive, Newcastle NSW 2300 T 61 2 4979 9999 F 61 2 4979 9988 E ntlmail@ghd.com W www.ghd.com.au

© 2017. Whilst every care has been taken to prepare this map, GHD and LPI make no representations or warranties about its accuracy, reliability, completeness or suitability for any particular purpose and cannot accept liability and responsibility of any kind (whether in contract, tort or otherwise) for any expenses, losses, damages and/or costs (including indirect or consequential damage) which are or may be incurred by any party as a result of the map being inaccurate, incomplete or unsuitable in any way and for any reason.

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

LEGEND

- Residential receiver
- Religous
- Watercourse

Paper Size A4

0 5 10 20 30 40

Metres

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

N

Australian Rail Track Corporation
Inland Rail - Narrabri to North Star

Study area and
noise sensitive receivers

Job Number 22-17916
Revision 0
Date 02 Jun 2017

Figure C1- Sheet 56

G:\22\17916\GIS\Maps\Deliverables\N2NS\Noise\2217916_N002_NNS_SensitiveReceivers_0.mxd Level 3, GHD Tower, 24 Honeysuckle Drive, Newcastle NSW 2300 T 61 2 4979 9999 F 61 2 4979 9988 E ntlmail@ghd.com W www.ghd.com.au

© 2017. Whilst every care has been taken to prepare this map, GHD and LPI make no representations or warranties about its accuracy, reliability, completeness or suitability for any particular purpose and cannot accept liability and responsibility of any kind (whether in contract, tort or otherwise) for any expenses, losses, damages and/or costs (including indirect or consequential damage) which are or may be incurred by any party as a result of the map being inaccurate, incomplete or unsuitable in any way and for any reason.

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