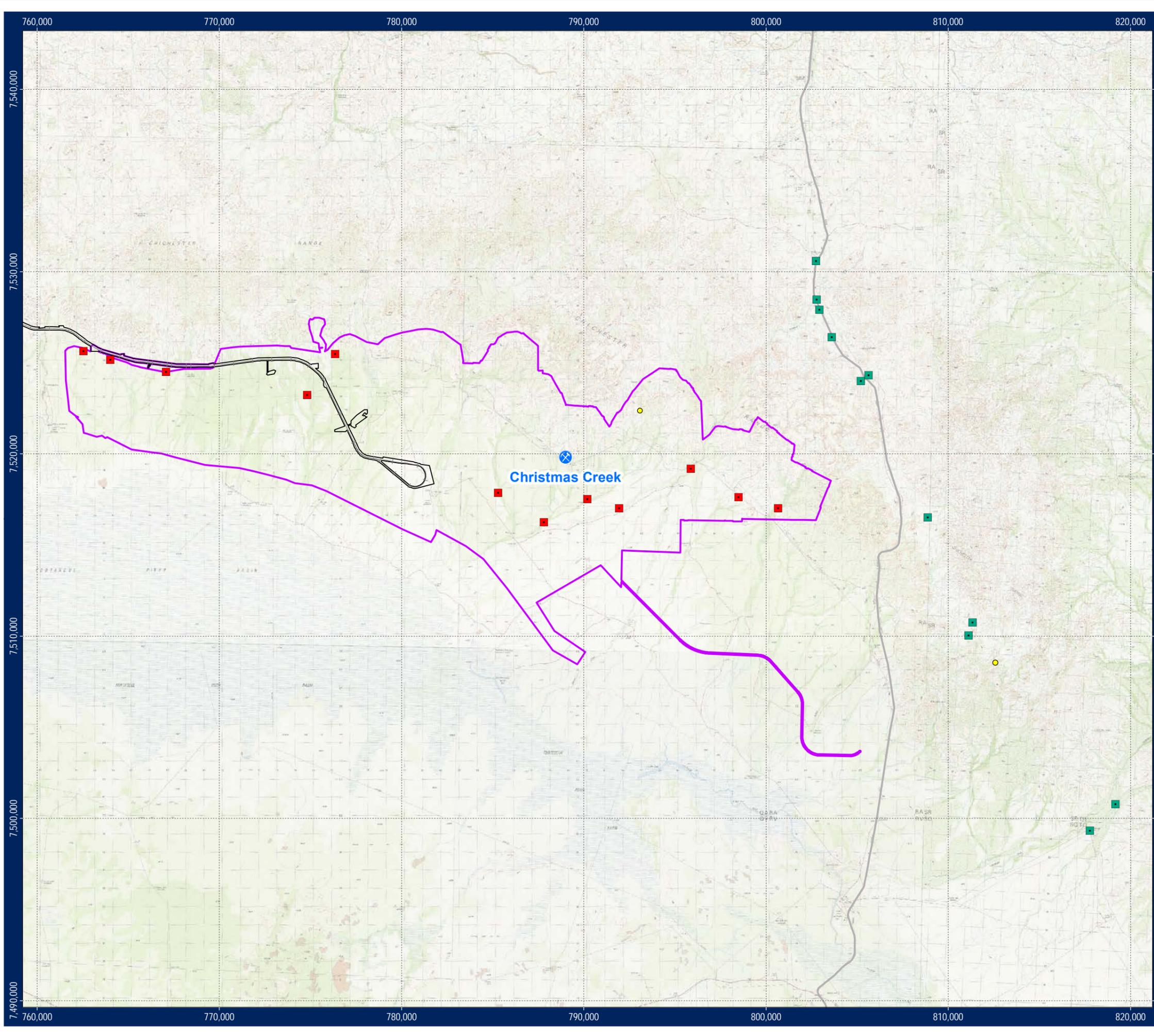


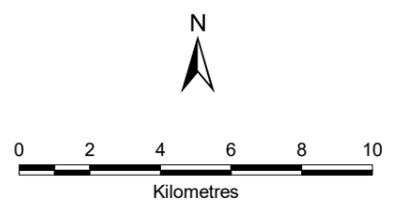


**FIGURE 9 CONSERVATION SIGNIFICANT BATS
MONITORING SITES – CHRISTMAS CREEK MINE**



- LEGEND**
- Ghost Bat
 - Pilbara Leaf-nosed Bat
 - Bat Monitoring Site - Impact
 - Bat Monitoring Site - Reference
 - ⊗ FMG Mine
 - Roads
 - FMG Rail Alignments
 - FMG Rail Corridors
 - ▭ Christmas Creek Mine
 - Significant Fauna Habitat - Bats

Data Source(s):
 Roads, Landgate, 2012
 Topography, Geoscience Australia
 All other data, FMG, 2018



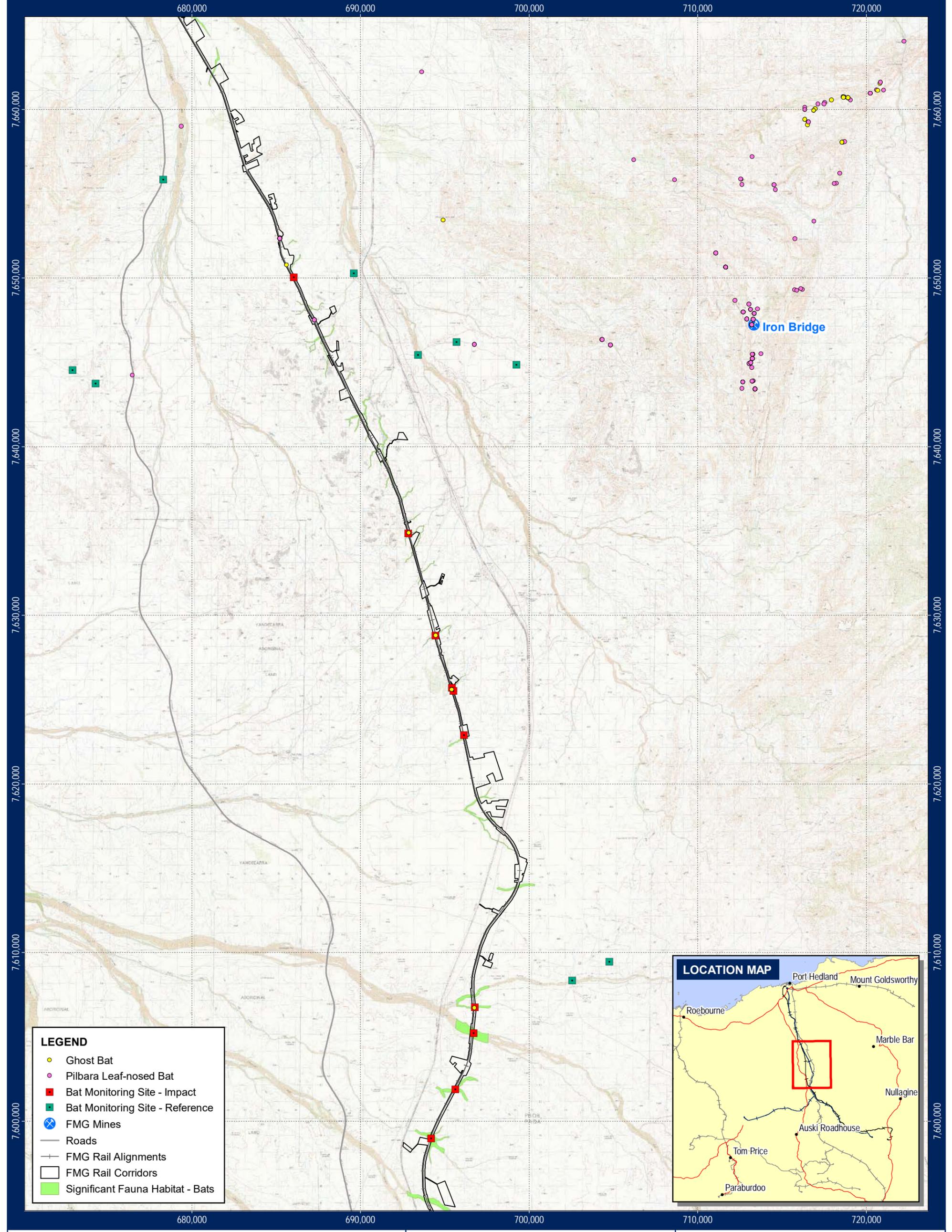
Fauna Monitoring: Bats
Christmas Creek Mine

Requested By: Olivia Hertsted	Date: 14-Feb-18
Drawn By: H. Wallace	Size: A3L
Revised By: hwallace	Revision: 0
Approved By: P.M.	Confidentiality: 1
Scale: 1:200,000	
Coordinate System: GDA 1994 MGA Zone 50	
Document Name: 045_MP_EN_0090.005_r0	

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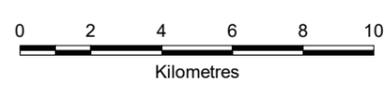


**FIGURE 10 CONSERVATION SIGNIFICANT BATS
MONITORING SITES – MAIN LINE RAIL**



- LEGEND**
- Ghost Bat
 - Pilbara Leaf-nosed Bat
 - Bat Monitoring Site - Impact
 - Bat Monitoring Site - Reference
 - ⊗ FMG Mines
 - Roads
 - FMG Rail Alignments
 - FMG Rail Corridors
 - Significant Fauna Habitat - Bats

Data Source(s):
 Roads, Landgate, 2012
 Topography, Geoscience Australia
 All other data, FMG, 2018



Requested By: Olivia Hertsted
 Drawn By: H. Wallace
 Revised By: hwallace
 Approved By: P.M.
 Scale: 1:200,000
 Coordinate System: GDA 1994 MGA Zone 50
 Document Name: 045_MP_EN_0090.008_r1

Date: 16-Feb-18
 Size: A3P
 Revision: 1
 Confidentiality: 1

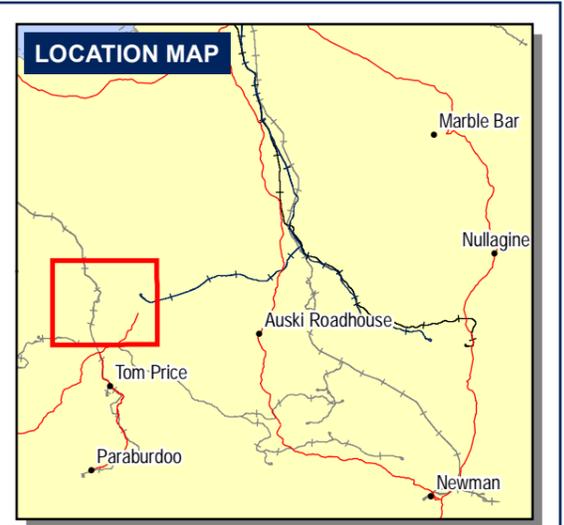
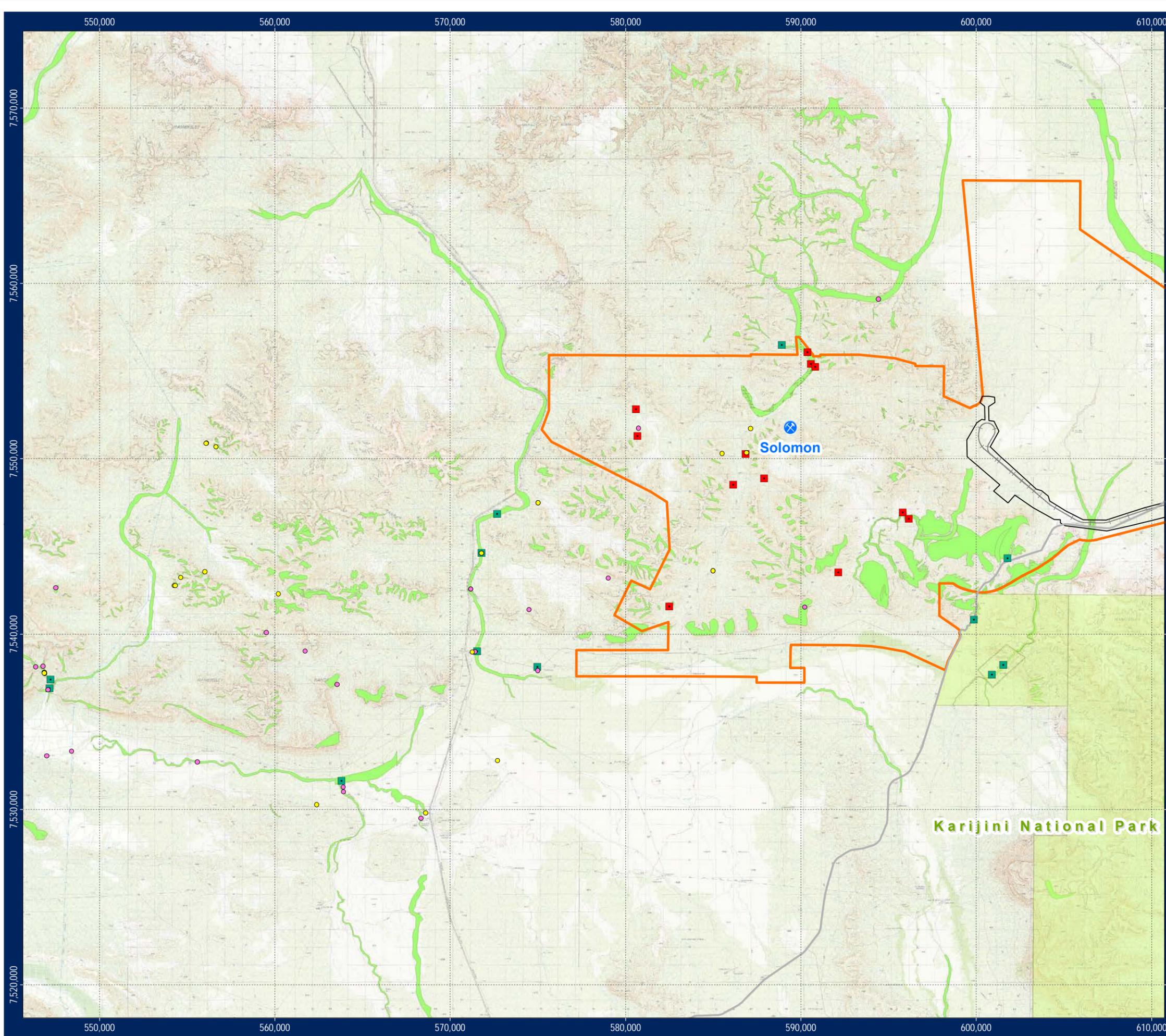
Fauna Monitoring: Bats
 Mainline Rail (Including duplication)



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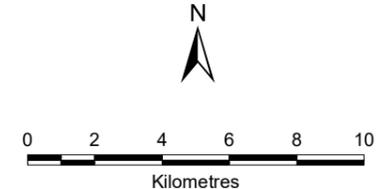


**FIGURE 11 CONSERVATION SIGNIFICANT BATS
MONITORING SITES – SOLOMON MINE**



- LEGEND**
- Ghost Bat
 - Pilbara Leaf-nosed Bat
 - Bat Monitoring Site - Impact
 - Bat Monitoring Site - Reference
 - ⊗ FMG Mine
 - Roads
 - FMG Rail Alignments
 - ▭ FMG Rail Corridors
 - ▭ National Park
 - ▭ Solomon Mine
 - ▭ Significant Fauna Habitat - Bats

Data Source(s):
 Roads, Landgate, 2012
 Topography, Geoscience Australia
 All other data, FMG, 2018



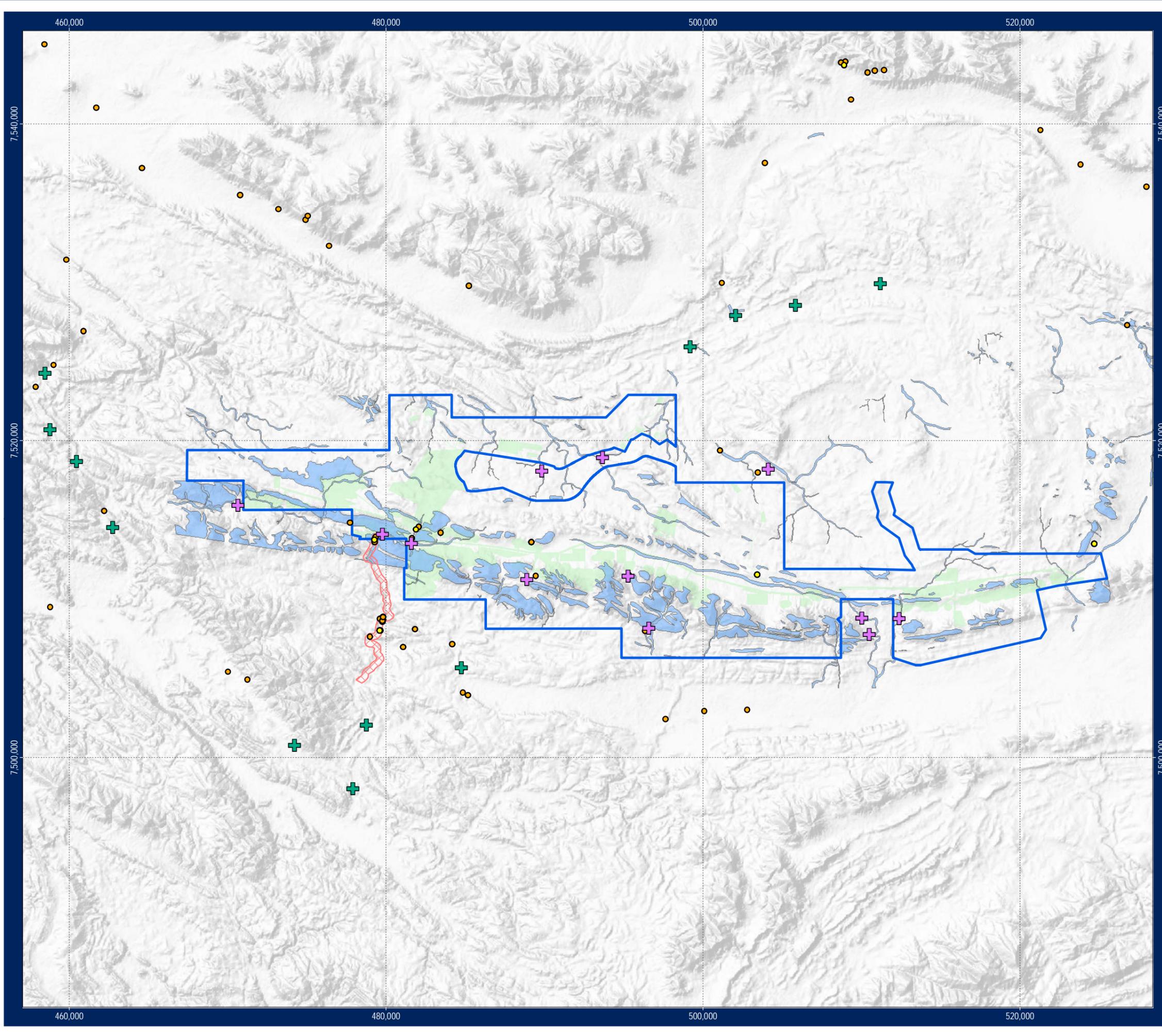
Fauna Monitoring: Bats
Solomon Mine

Requested By: Olivia Hertsted	Date: 27-Apr-18
Drawn By: H. Wallace	Size: A3L
Revised By: hwallace	Revision: 1
Approved By: P.M.	Confidentiality: 1
Scale: 1:210,000	
Coordinate System: GDA 1994 MGA Zone 50	
Document Name: 045_MP_EN_0090.006_r1	

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**FIGURE 12 CONSERVATION SIGNIFICANT BATS
MONITORING SITES – ELIWANA MINE**



LEGEND

- Mine Development Envelope
- Excess Water Discharge Extent
- Significant Fauna Monitoring Sites
- + Pilbara Leaf-nosed Bat and Ghost Bat; Impact
- + Pilbara Leaf-nosed Bat and Ghost Bat; Reference
- Significant Fauna Records
- Ghost Bat
- Pilbara Leaf-nosed Bat
- Significant Fauna Habitat
- Eliwana Indicative Mine Footprint

Data Sources:
 SRTM, GA
 All other data; FMG, 2020



**Conservation Significant Fauna
 Monitoring Sites - Significant Bats
 Eliwana Mine**

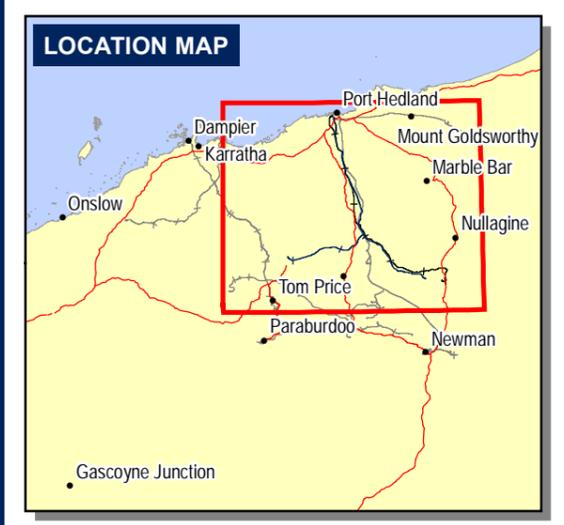
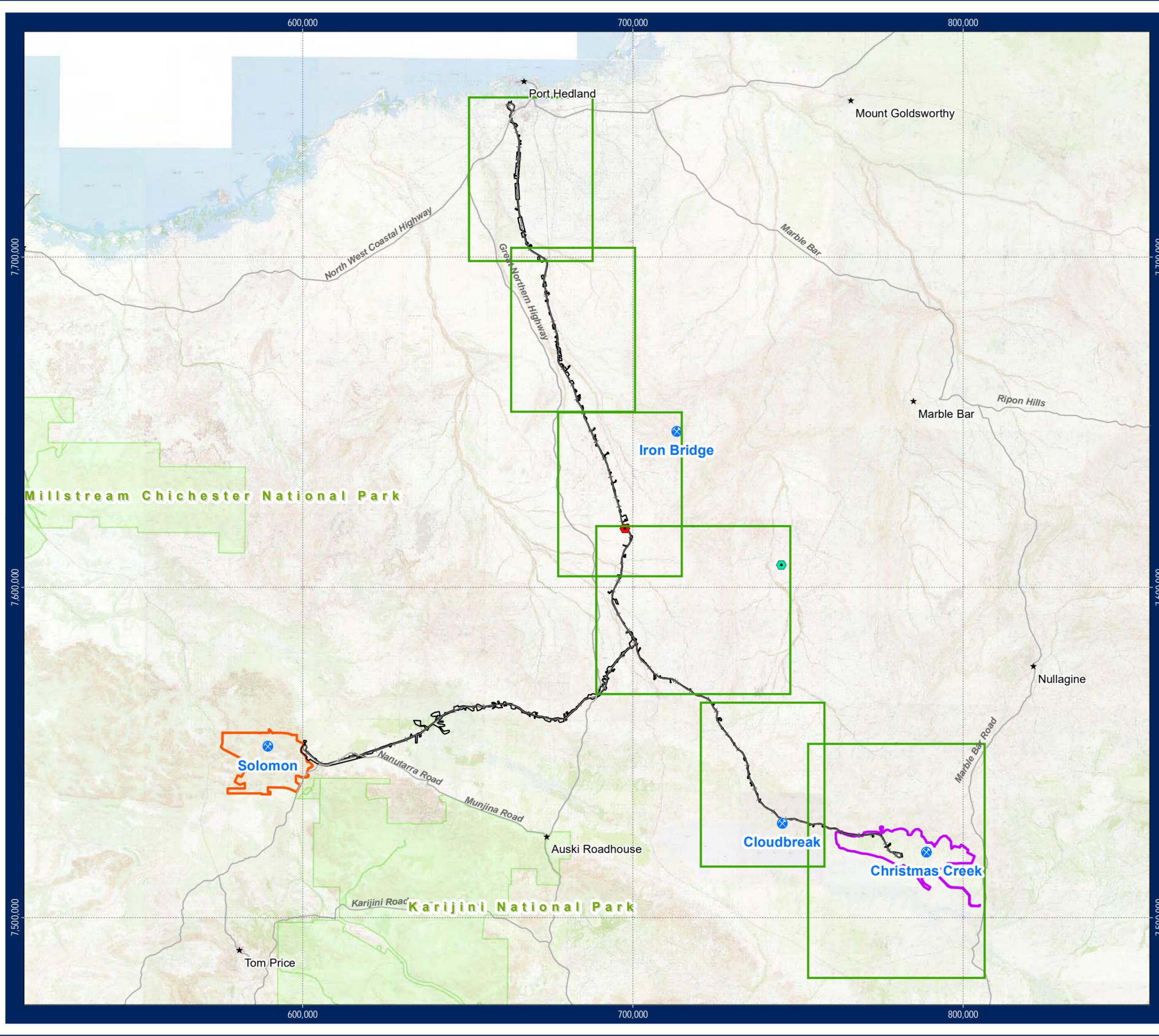
Requested By: O. Hertsted	Date: 5/05/2020
Drawn By: N. Rappa	Size: A3L
Revised By: sanli	Revision: 0
Approved By: P. Mastalir	Confidentiality: 1
Scale: 1:230,000	
Coordinate System: GDA 1994 MGA Zone 50	
Document Name: 751EW_MP_EN_0031.004_r0_bats	

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**FIGURE 13 GREATER BILBY MONITORING SITES –
REGIONAL OVERVIEW**



- LEGEND**
- Bilby Monitoring Site - Impact
 - Bilby Monitoring Site - Reference
 - ★ Towns
 - ⊗ FMG Mine
 - Roads
 - + FMG Rail Alignments
 - ▭ FMG Rail Corridors
 - ▭ Solomon Mine
 - ▭ Christmas Creek Mine
 - ▭ National Park
 - ▭ Map Index

Data Sources:
 Roads, Landgate, 2012
 Topography, Geoscience Australia
 All other data, FMG, 2018

N

0 10 20 30 40 50
Kilometres

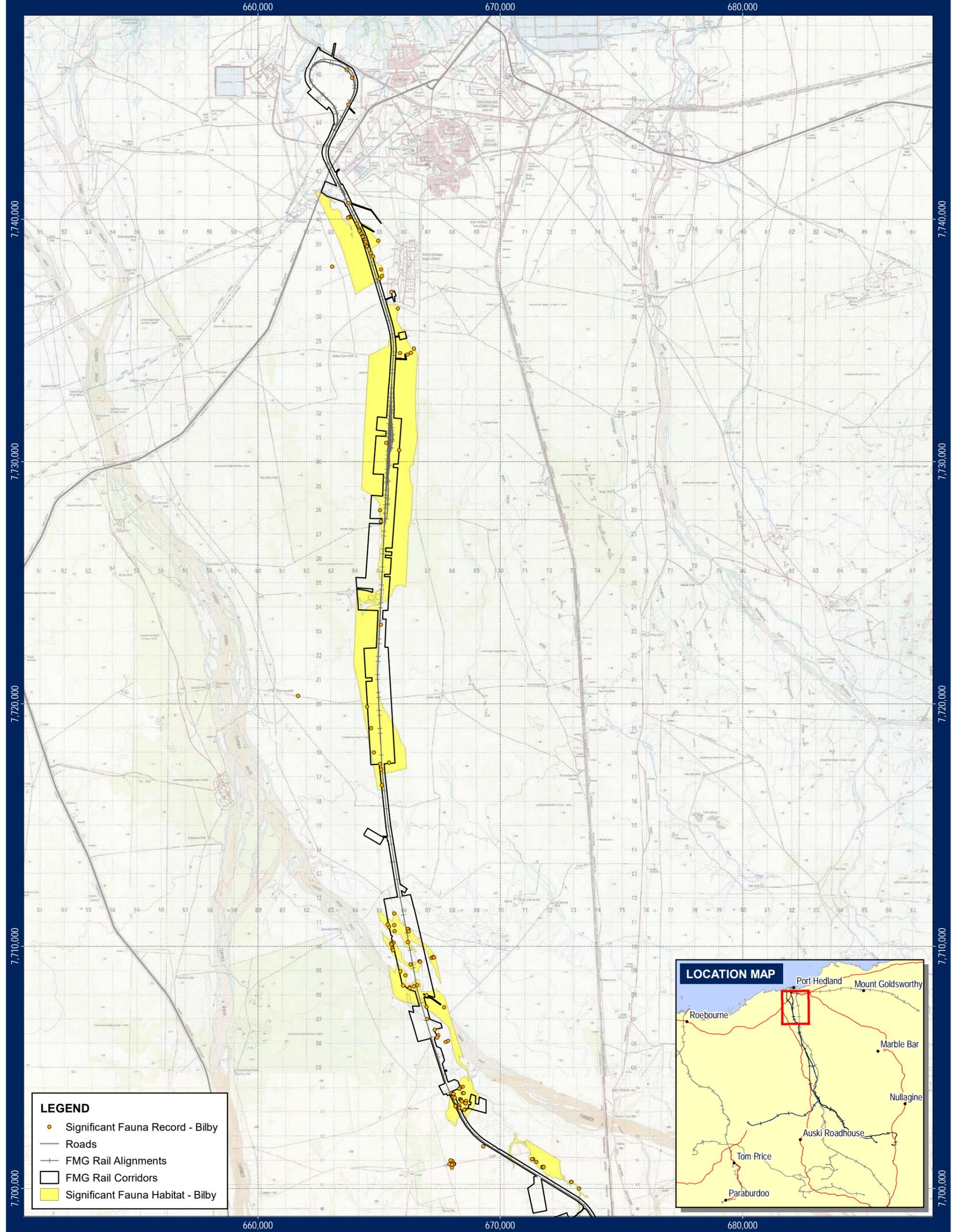
**Fauna Monitoring
Greater Bilby**

Requested By: Todd Edwards	Date: 11-Oct-18
Drawn By: H. Wallace	Size: A3L
Revised By: scostello	Revision: 0
Approved By: P.M.	Confidentiality: 1
Scale: 1:1,100,000	
Coordinate System: GDA 1994 MGA Zone 50	
Document Name: 045_MP_EN_0090.024_r1_Overview_Bilby	

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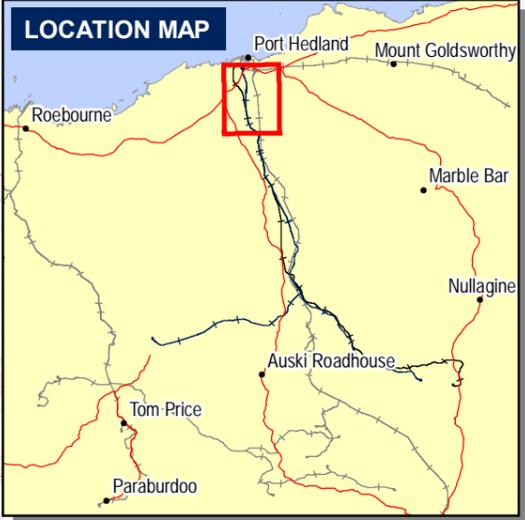


**FIGURE 14 GREATER BILBY MONITORING SITES – MAIN
LINE TO PORT**

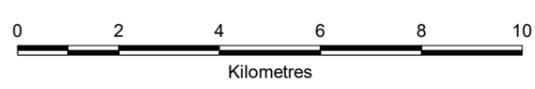


LEGEND

- Significant Fauna Record - Bilby
- Roads
- FMG Rail Alignments
- FMG Rail Corridors
- Significant Fauna Habitat - Bilby



Data Source(s):
 Roads, Landgate, 2012
 Topography, Geoscience Australia
 All other data, FMG, 2018



Requested By: Olivia Hertsted
 Drawn By: H. Wallace
 Revised By: hwallace
 Approved By: P.M.
 Scale: 1:140,000
 Coordinate System: GDA 1994 MGA Zone 50
 Document Name: 045_MP_EN_0090.010_r0

Date: 08-Feb-18
 Size: A3P
 Revision: 0
 Confidentiality: 1

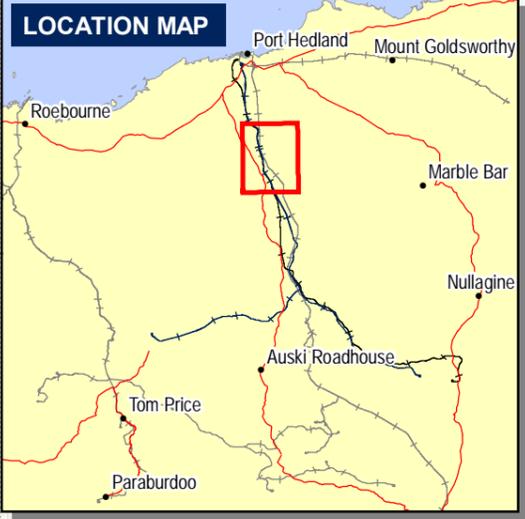
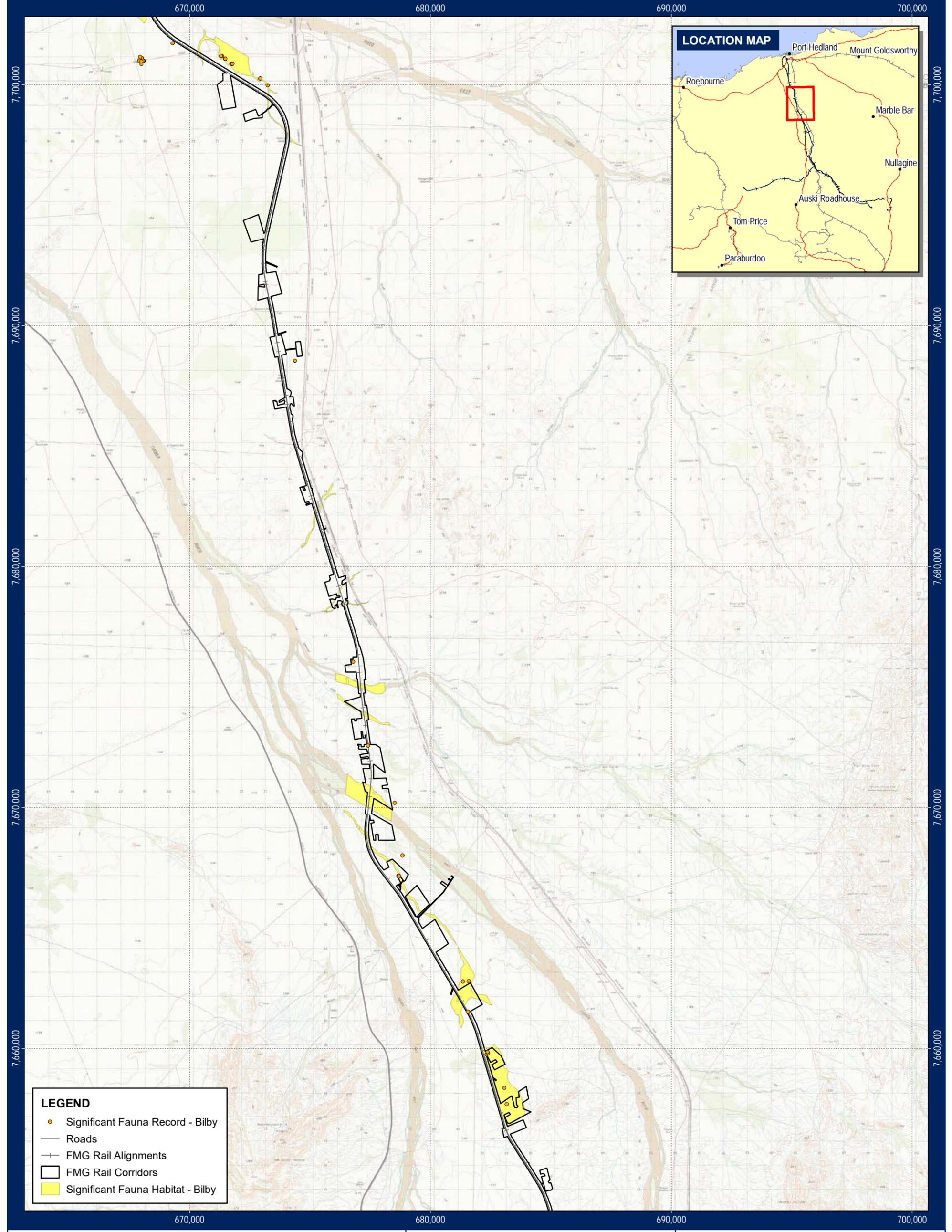
Fauna Monitoring: Bilby
 Mainline Rail (Including duplication)



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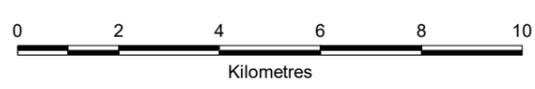


**FIGURE 15 GREATER BILBY MONITORING SITES – MAIN
LINE RAIL SITE 1**



- LEGEND**
- Significant Fauna Record - Bilby
 - Roads
 - FMG Rail Alignments
 - FMG Rail Corridors
 - Significant Fauna Habitat - Bilby

Data Source(s):
 Roads, Landgate, 2012
 Topography, Geoscience Australia
 All other data, FMG, 2018



Requested By: Olivia Hertsted
 Drawn By: H. Wallace
 Revised By: hwallace
 Approved By: P.M.
 Scale: 1:140,000
 Coordinate System: GDA 1994 MGA Zone 50
 Document Name: 045_MP_EN_0090.011_r0

Date: 08-Feb-18
 Size: A3P
 Revision: 0
 Confidentiality: 1

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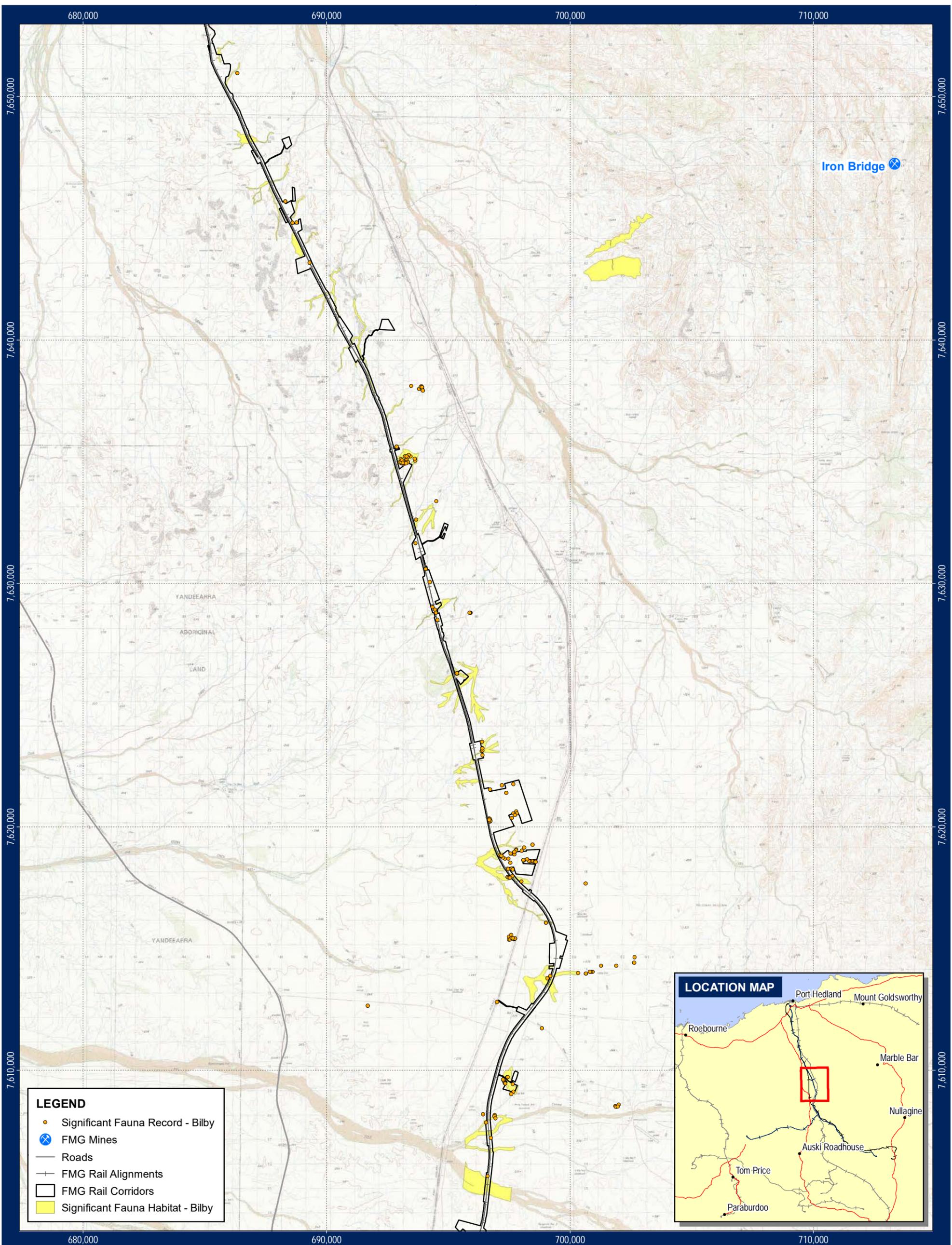
Fauna Monitoring: Bilby
 Mainline Rail (Including duplication)



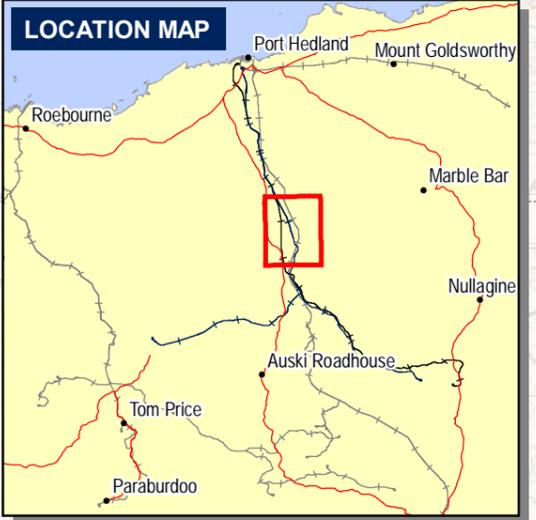
Fortescue Metals Group Ltd
 The New Force in Iron Ore



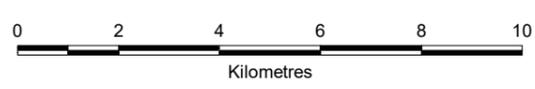
**FIGURE 16 GREATER BILBY MONITORING SITES – MAIN
LINE RAIL SITE 2**



- LEGEND**
- Significant Fauna Record - Bilby
 - ⊗ FMG Mines
 - Roads
 - FMG Rail Alignments
 - FMG Rail Corridors
 - Significant Fauna Habitat - Bilby



Data Source(s):
 Roads, Landgate, 2012
 Topography, Geoscience Australia
 All other data, FMG, 2018



Requested By: Olivia Hertsted
 Drawn By: H. Wallace
 Revised By: hwallace
 Approved By: P.M.
 Scale: 1:140,000
 Coordinate System: GDA 1994 MGA Zone 50
 Document Name: 045_MP_EN_0090.012_r0

Date: 08-Feb-18
 Size: A3P
 Revision: 0
 Confidentiality: 1

Fauna Monitoring: Bilby
 Mainline Rail (Including duplication)

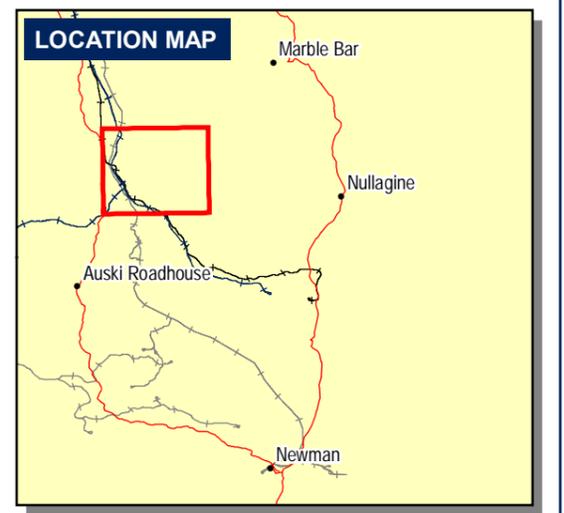


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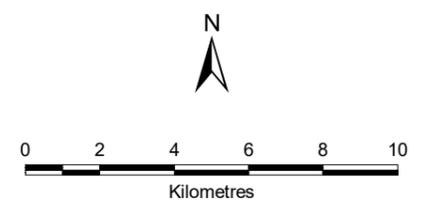


**FIGURE 17 GREATER BILBY MONITORING SITES – MAIN
LINE AND HAMERSLEY RAIL**



- LEGEND**
- Significant Fauna Record - Bilby
 - ◆ Bilby Monitoring Site - Impact
 - ◆ Bilby Monitoring Site - Reference
 - Roads
 - + FMG Rail Alignments
 - ▭ FMG Rail Corridors
 - Significant Fauna Habitat - Bilby

Data Source(s):
 Roads, Landgate, 2012
 Topography, Geoscience Australia
 All other data, FMG, 2018



Fauna Monitoring: Bilby
 Mainline Rail (Including duplication)

Requested By: Olivia Hertsted	Date: 08-Feb-18
Drawn By: H. Wallace	Size: A3L
Revised By: hwallace	Revision: 0
Approved By: P.M.	Confidentiality: 1
Scale: 1:190,000	
Coordinate System: GDA 1994 MGA Zone 50	
Document Name: 045_MP_EN_0090.009_r0	

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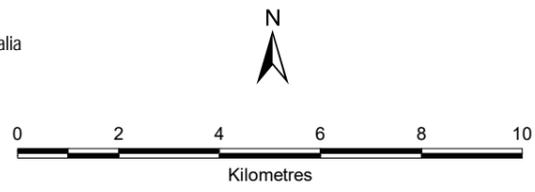
**FIGURE 18 GREATER BILBY MONITORING SITES – MAIN
LINE TO CLOUDBREAK MINE**



LEGEND

- Significant Fauna Record - Bilby
- ⊗ FMG Mines
- FMG Rail Alignments
- FMG Rail Corridors
- Significant Fauna Habitat - Bilby

Data Source(s):
 Roads, Landgate, 2012
 Topography, Geoscience Australia
 All other data, FMG, 2018



Requested By: Olivia Hertsted
 Drawn By: H. Wallace
 Revised By: hwallace
 Approved By: P.M.
 Scale: 1:140,000
 Coordinate System: GDA 1994 MGA Zone 50
 Document Name: 045_MP_EN_0090.013_r0

Date: 08-Feb-18
 Size: A3P
 Revision: 0
 Confidentiality: 1

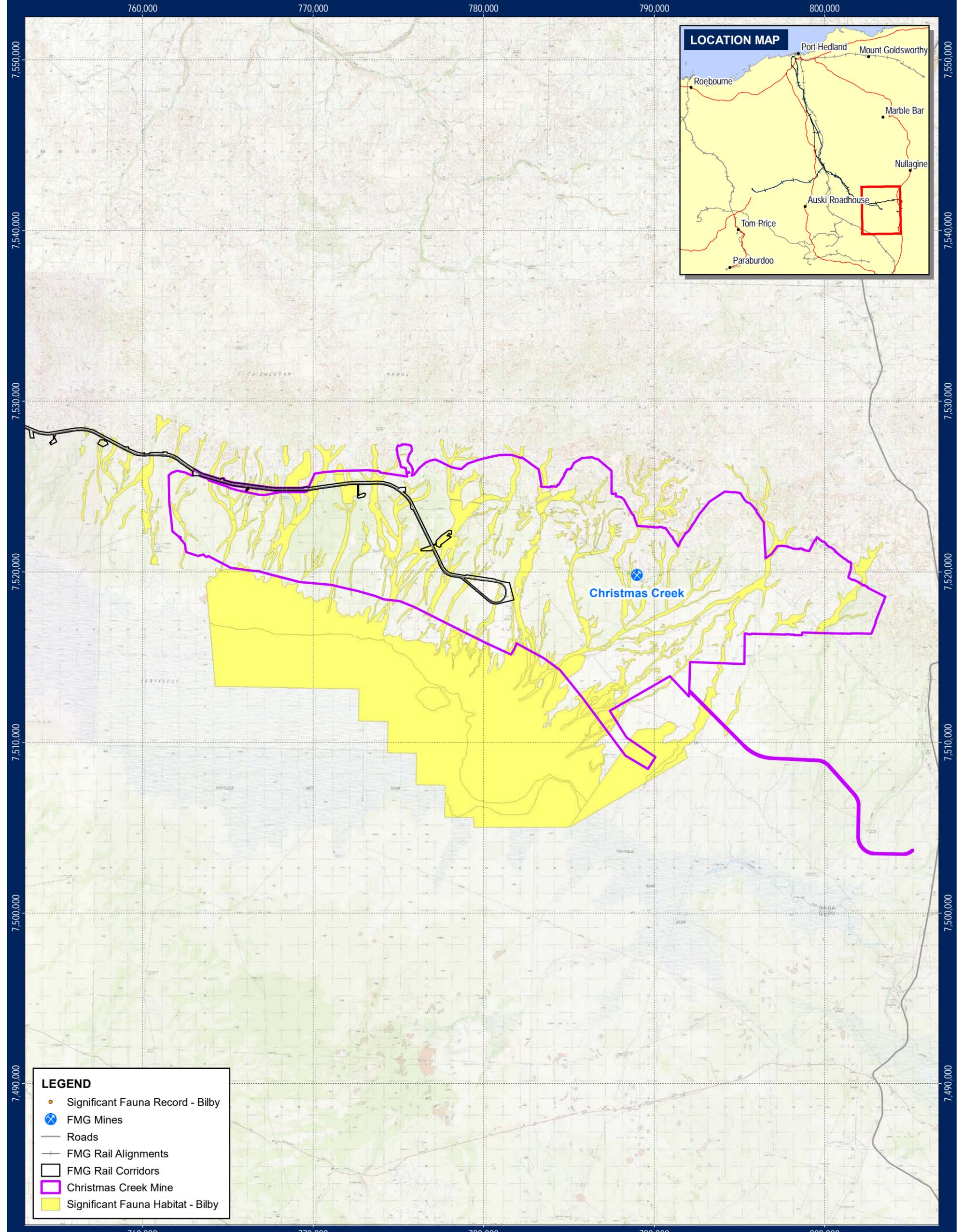
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Fauna Monitoring: Bilby
 Mainline Rail (Including duplication)



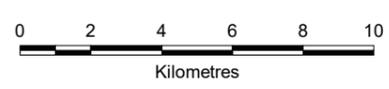


**FIGURE 19 GREATER BILBY MONITORING SITES –
CHRISTMAS CREEK MINE**



- LEGEND**
- Significant Fauna Record - Bilby
 - ⊗ FMG Mines
 - Roads
 - FMG Rail Alignments
 - ▭ FMG Rail Corridors
 - ▭ Christmas Creek Mine
 - ▭ Significant Fauna Habitat - Bilby

Data Source(s):
 Roads, Landgate, 2012
 Topography, Geoscience Australia
 All other data, FMG, 2018



Requested By: Olivia Hertsted
 Drawn By: H. Wallace
 Revised By: hwallace
 Approved By: P.M.
 Scale: 1:200,000
 Coordinate System: GDA 1994 MGA Zone 50
 Document Name: 045_MP_EN_0090.014_r0

Date: 09-Feb-18
 Size: A3P
 Revision: 0
 Confidentiality: 1

Fauna Monitoring: Bilby
 Christmas Creek Mine

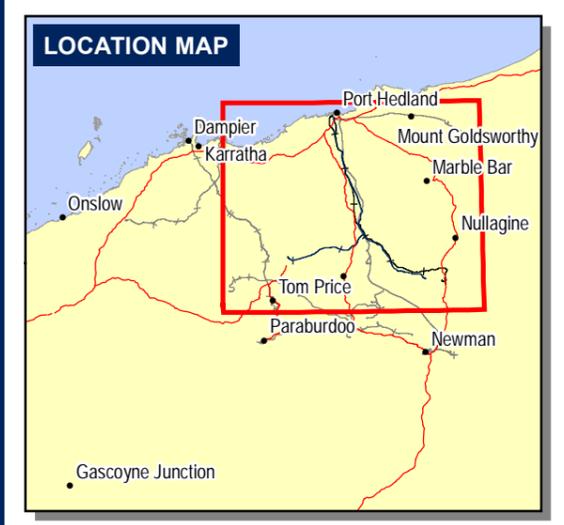
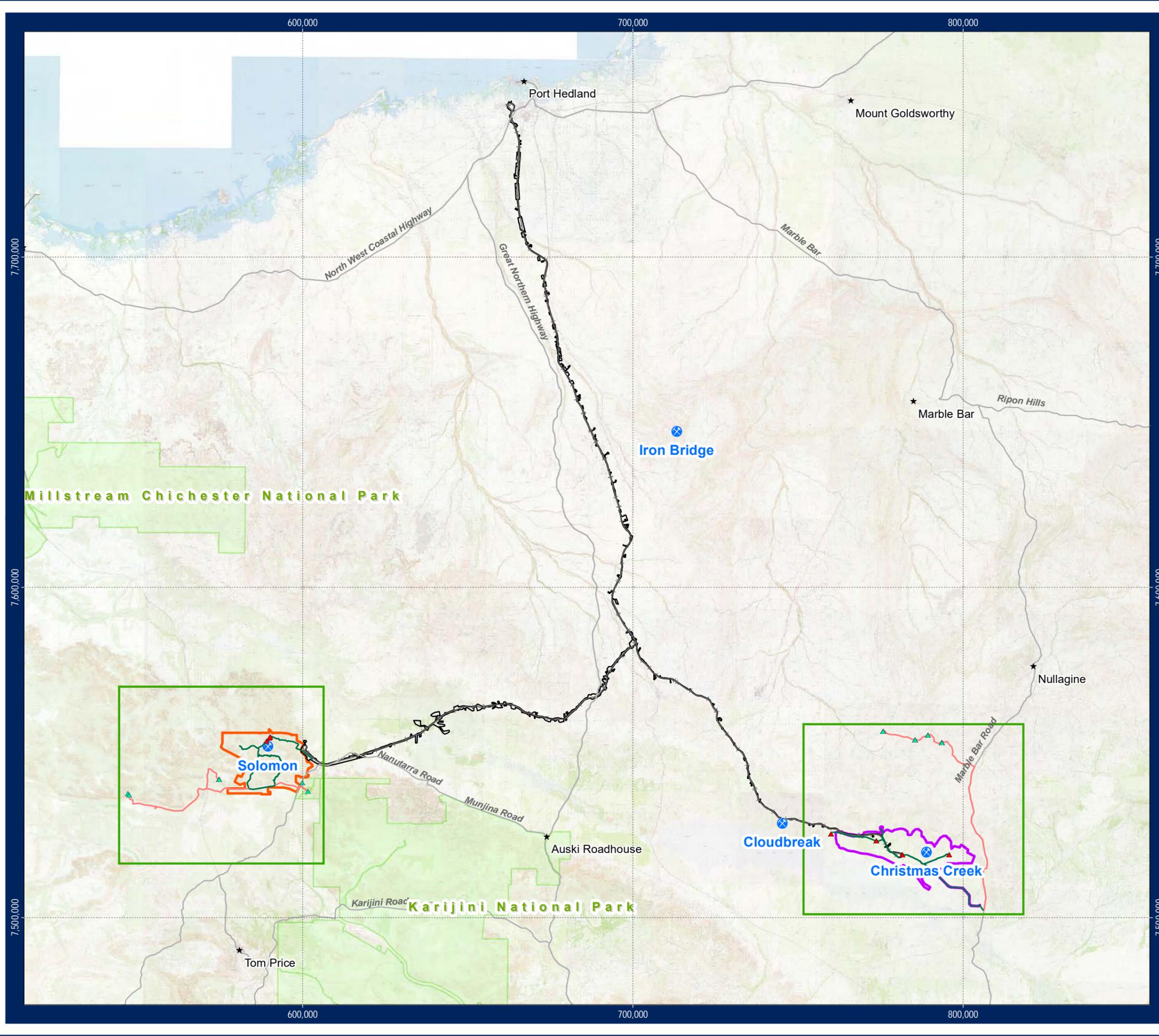


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**FIGURE 20 PILBARA OLIVE PYTHON MONITORING SITES –
REGIONAL OVERVIEW**



- LEGEND**
- Pilbara Olive Python Monitoring Sites**
- ▲ Impact
 - ▲ Reference
- Pilbara Olive Python Transects**
- Impact
 - Reference
- ★ Towns
 - ⊗ FMG Mine
 - Roads
 - FMG Rail Alignments
 - ▭ FMG Rail Corridors
 - ▭ Christmas Creek Mine
 - ▭ Solomon Mine
 - ▭ National Park
 - ▭ Map Index

Data Sources:
 Roads, Landgate, 2012
 Topography, Geoscience Australia
 All other data, FMG, 2018

N

0 10 20 30 40 50
Kilometres

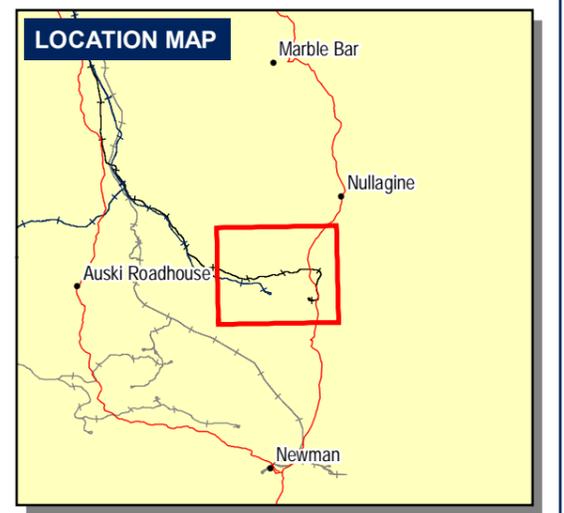
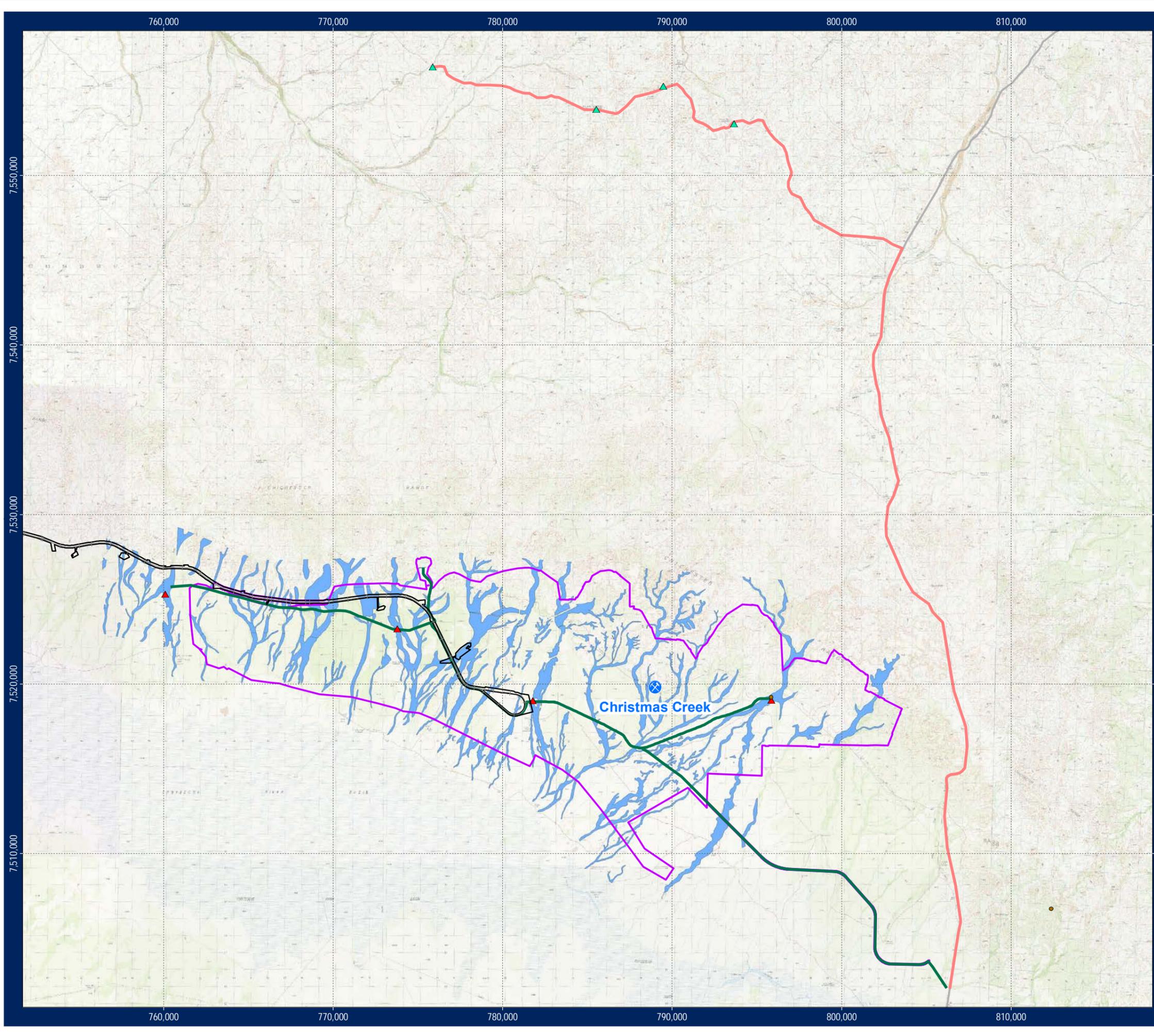
**Fauna Monitoring
Pilbara Olive Python**

Requested By: Todd Edwards	Date: 11-Oct-18
Drawn By: H. Wallace	Size: A3L
Revised By: scostello	Revision: 0
Approved By: P.M.	Confidentiality: 1
Scale: 1:1,100,000	
Coordinate System: GDA 1994 MGA Zone 50	
Document Name: 045_MP_EN_0090.025_r1_Overview_POP	

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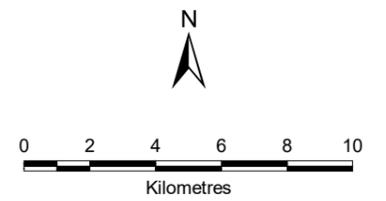


**FIGURE 21 PILBARA OLIVE PYTHON MONITORING SITES –
CHRISTMAS CREEK MINE**



- LEGEND**
- Significant Fauna Record - Pilbara Olive Python
 - Pilbara Olive Python Monitoring Sites**
 - ▲ Impact
 - ▲ Reference
 - Pilbara Olive Python Transects**
 - Impact
 - Reference
 - ⊗ FMG Mine
 - Roads
 - FMG Rail Alignments
 - FMG Rail Corridors
 - Christmas Creek Mine
 - Significant Fauna Habitat - Pilbara Olive Python

Data Source(s):
 Roads, Landgate, 2012
 Topography, Geoscience Australia
 All other data, FMG, 2018



Fauna Monitoring: Pilbara Olive Python
 Christmas Creek Mine

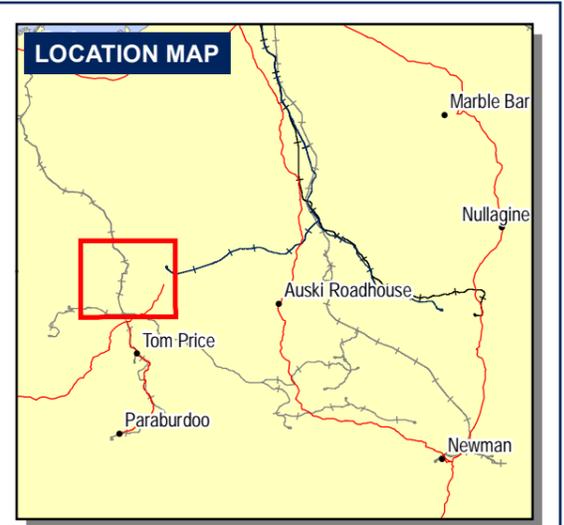
Requested By: Olivia Hertsted	Date: 09-Feb-18
Drawn By: H. Wallace	Size: A3L
Revised By: hwallace	Revision: 0
Approved By: P.M.	Confidentiality: 1
Scale: 1:215,000	
Coordinate System: GDA 1994 MGA Zone 50	
Document Name: 045_MP_EN_0090.015_r0	

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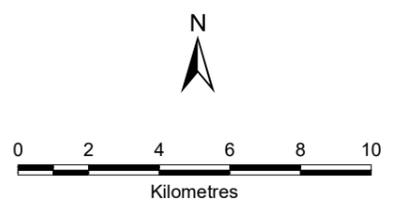


**FIGURE 22 PILBARA OLIVE PYTHON MONITORING SITES –
SOLOMON MINE**



- LEGEND**
- Significant Fauna Record - Pilbara Olive Python
 - Pilbara Olive Python Monitoring Sites**
 - ▲ Impact
 - ▲ Reference
 - ⊗ FMG Mine
 - Roads
 - FMG Rail Alignments
 - ▭ FMG Rail Corridors
 - ▭ Solomon Mine
 - Significant Fauna Habitat - Pilbara Olive Python
 - National Park

Data Source(s):
 Roads, Landgate, 2012
 Topography, Geoscience Australia
 All other data, FMG, 2018



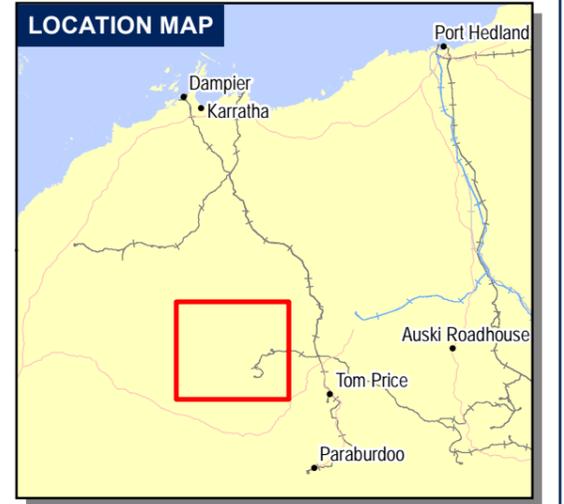
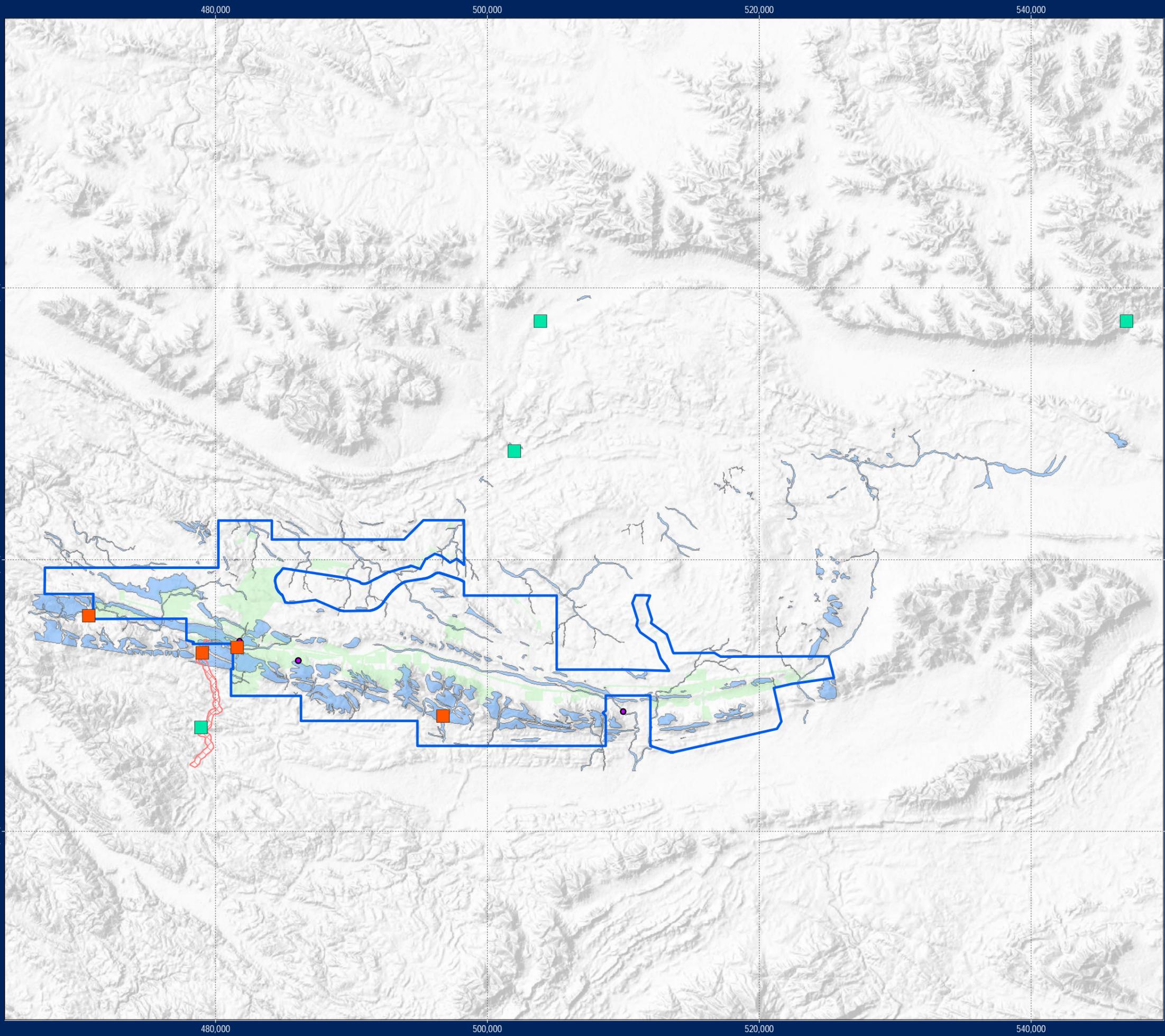
**Fauna Monitoring: Pilbara Olive Python
 Solomon Mine**

Requested By: Olivia Hertsted	Date: 27-Apr-18
Drawn By: H. Wallace	Size: A3L
Revised By: hwallace	Revision: 2
Approved By: P.M.	Confidentiality: 1
Scale: 1:200,000	
Coordinate System: GDA 1994 MGA Zone 50	
Document Name: 045_MP_EN_0090.016_r2	

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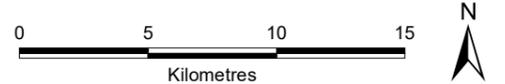
**FIGURE 23 PILBARA OLIVE PYTHON MONITORING SITES –
ELIWANA MINE**



LEGEND

- Mine Development Envelope
- Excess Water Discharge Extent
- Significant Fauna Monitoring Sites
- Pilbara Olive Python; Impact
- Pilbara Olive Python; Reference
- Significant Fauna Records
- Pilbara Olive Python
- Significant Fauna Habitat
- Eliwana Indicative Mine Footprint

Data Sources:
 SRTM, GA
 All other data: FMG, 2020



**Conservation Significant Fauna
 Monitoring Sites - Pilbara Olive Python
 Eliwana Mine**

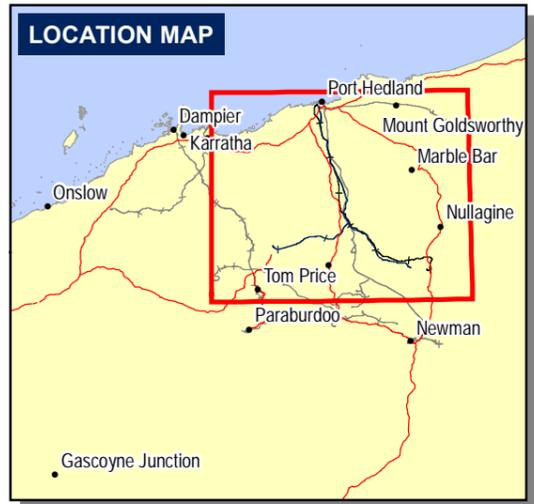
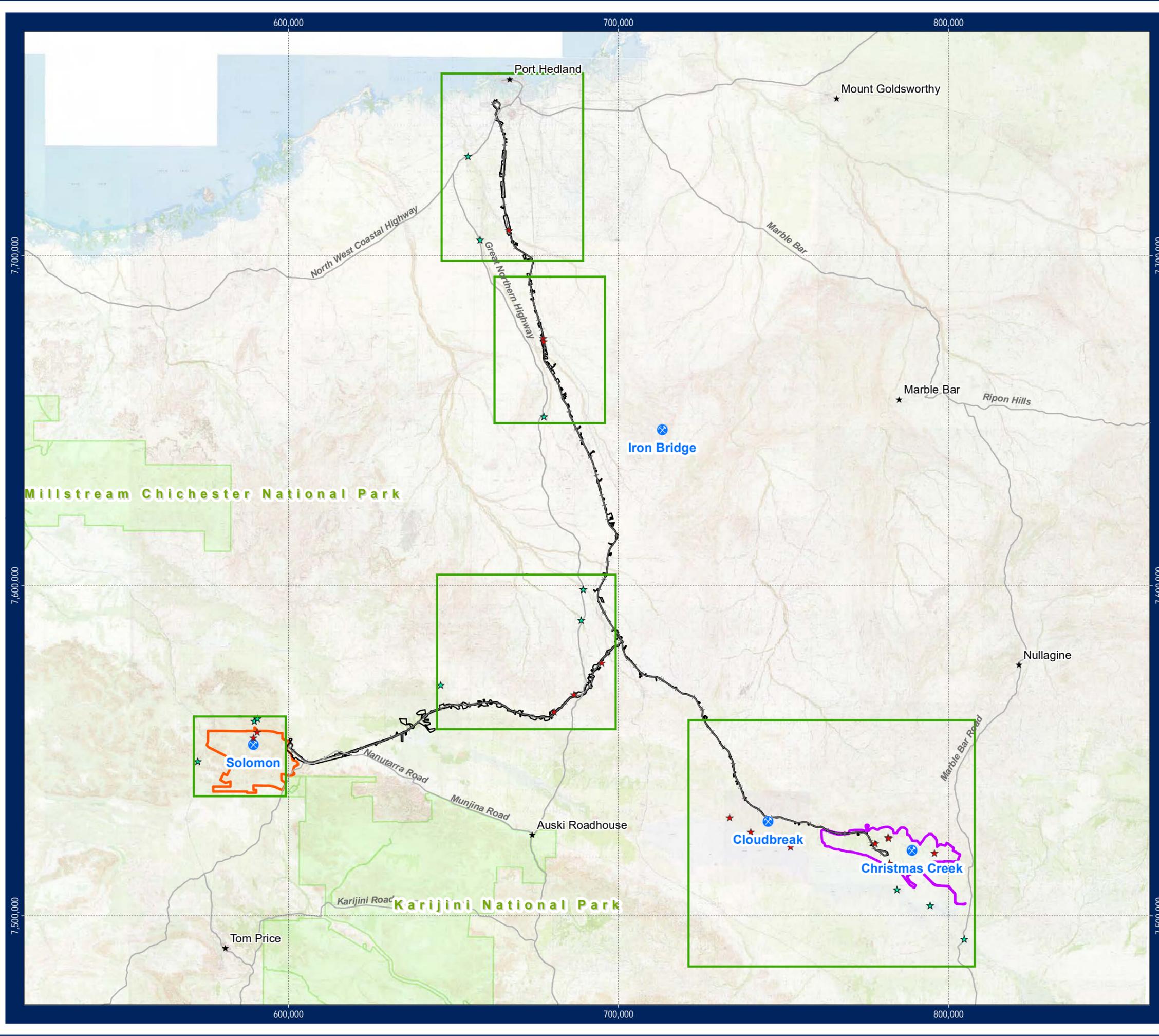
Requested By: O. Hertsted	Date: 5/05/2020
Drawn By: N. Rappa	Size: A3L
Revised By: sanli	Revision: 0
Approved By: P. Mastalir	Confidentiality: 1
Scale: 1:275,000	
Coordinate System: GDA 1994 MGA Zone 50	
Document Name: 751EW_MP_EN_0031.005_r0_python	

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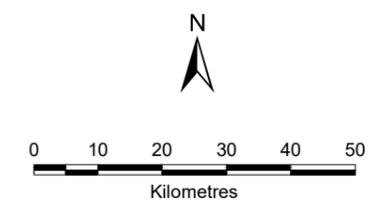


**FIGURE 24 CONSERVATION SIGNIFICANT BIRDS
MONITORING SITES – REGIONAL OVERVIEW**



- LEGEND**
- ★ Bird Monitoring Sites - Impact
 - ★ Bird Monitoring Sites - Reference
 - ★ Towns
 - ⊗ FMG Mine
 - Roads
 - + FMG Rail Alignments
 - FMG Rail Corridors
 - Christmas Creek Mine
 - Solomon Mine
 - National Park
 - Map Index

Data Sources:
 Roads, Landgate, 2012
 Topography, Geoscience Australia
 All other data, FMG, 2018



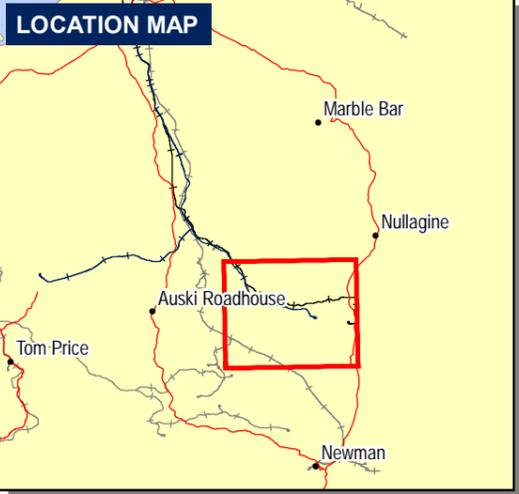
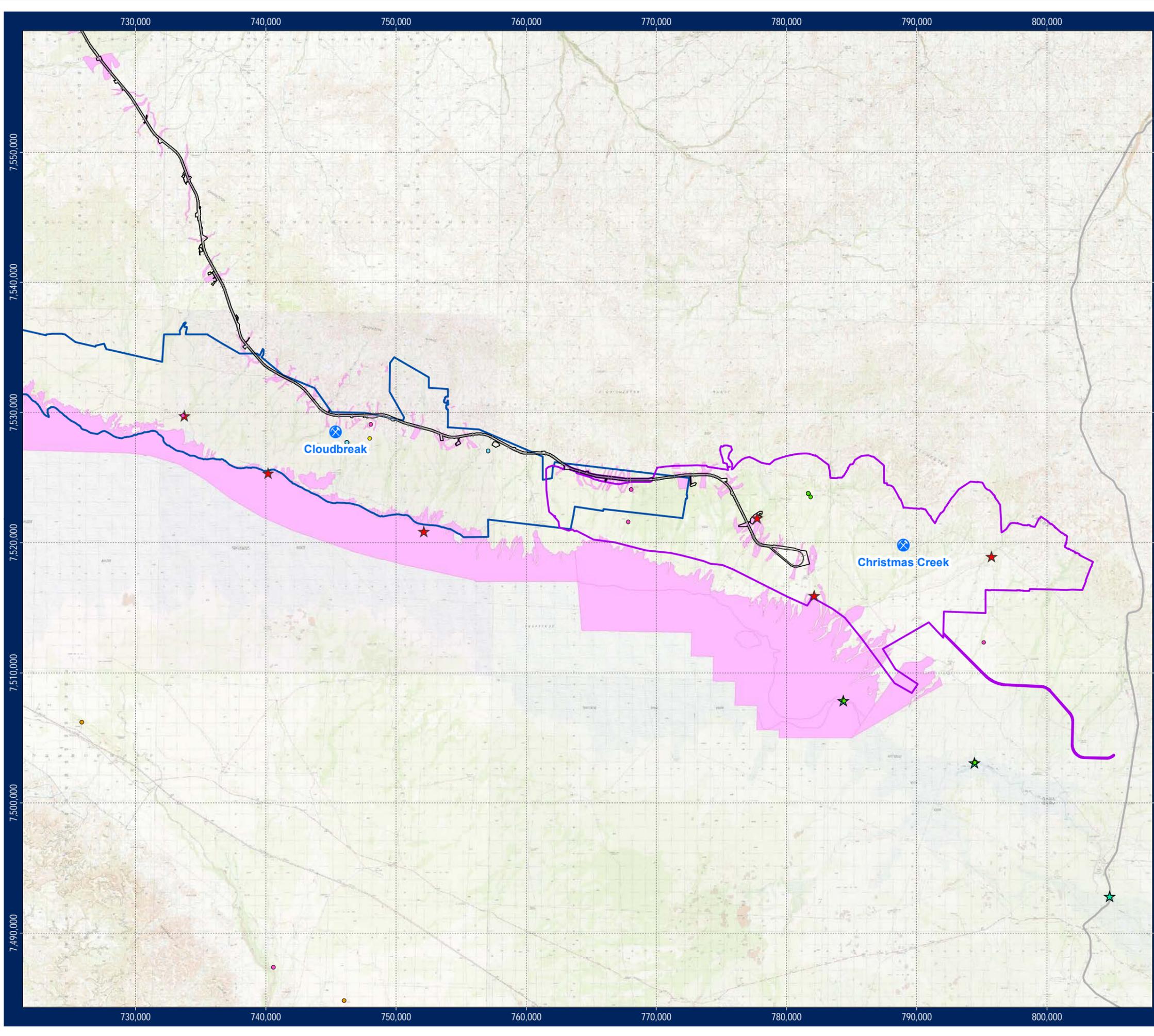
**Fauna Monitoring
Birds**

Requested By: Todd Edwards	Date: 11-Oct-18
Drawn By: H. Wallace	Size: A3L
Revised By: scostello	Revision: 0
Approved By: P.M.	Confidentiality: 1
Scale: 1:1,100,000	
Coordinate System: GDA 1994 MGA Zone 50	
Document Name: 045_MP_EN_0090.026_r1_Overview_Birds	

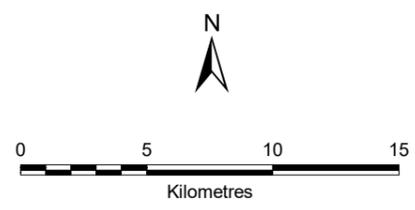
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**FIGURE 25 CONSERVATION SIGNIFICANT BIRDS
MONITORING SITES – CHRISTMAS CREEK AND CLOUDBREAK
MINES**



- LEGEND**
- Significant Fauna Records**
- Common Greenshank
 - Common Sandpiper
 - Fork-tailed Swift
 - Grey Falcon
 - Peregrine Falcon
 - Wood Sandpiper
- Bird Monitoring Sites**
- ★ Impact
 - ★ Reference
 - ⊗ FMG Mine
 - Roads
 - FMG Rail Alignments
 - FMG Rail Corridors
 - Christmas Creek Mine
 - Cloudbreak Mine
 - Significant Fauna Habitat - Birds
- Data Source(s):
 Roads, Landgate, 2012
 Topography, Geoscience Australia
 All other data, FMG, 2018



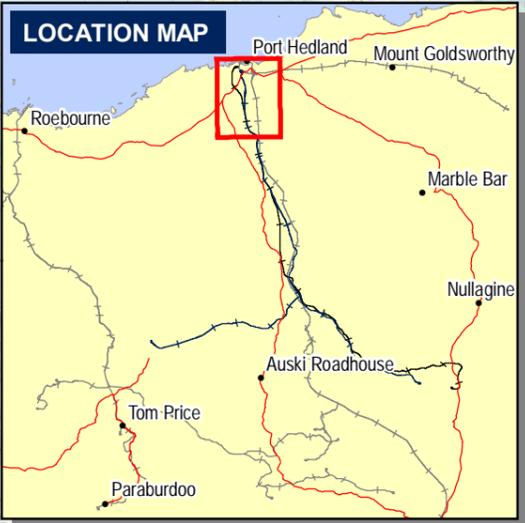
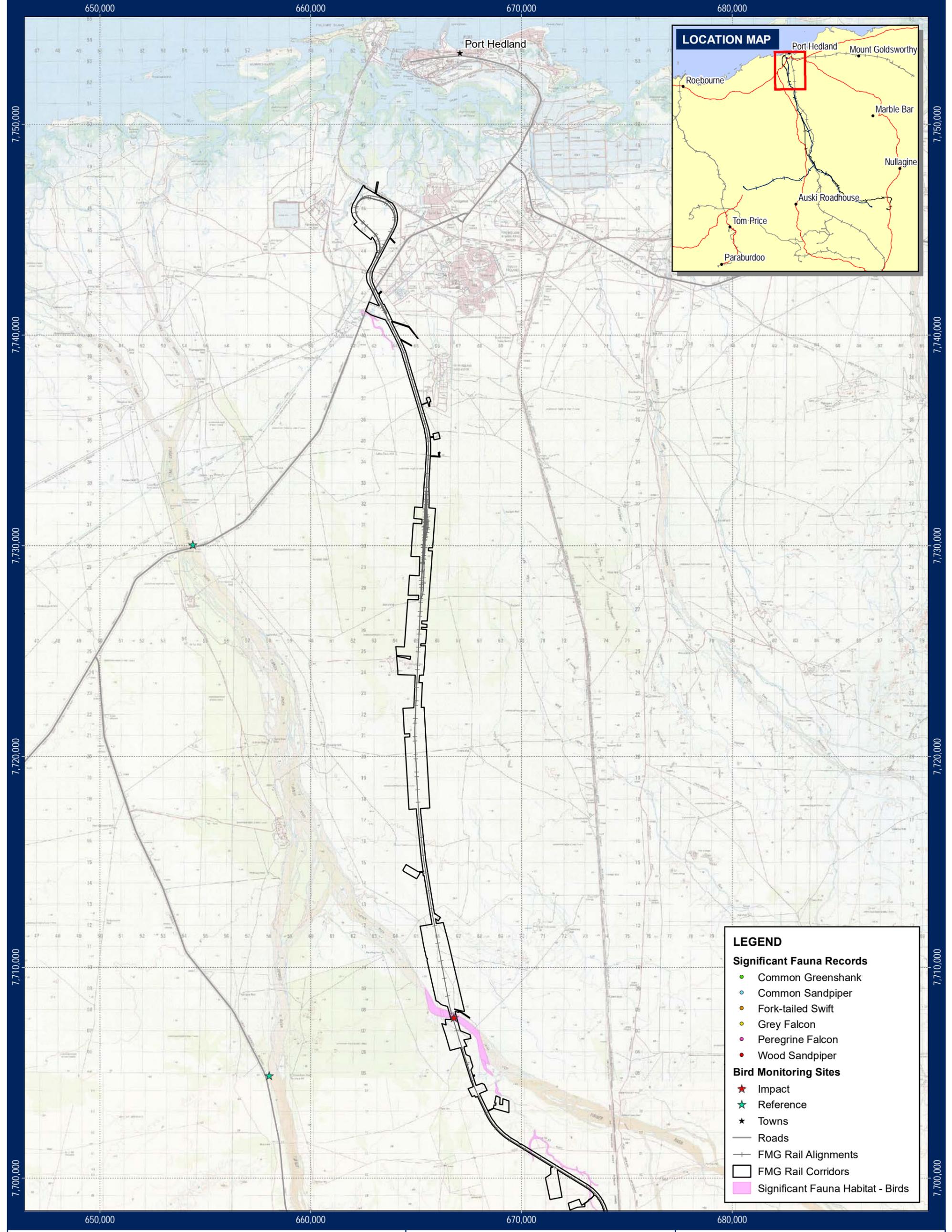
Fauna Monitoring: Birds
Christmas Creek & Cloudbreak Mines

Requested By: Olivia Hertsted	Date: 16-Feb-18
Drawn By: H. Wallace	Size: A3L
Revised By: hwallace	Revision: 1
Approved By: P.M.	Confidentiality: 1
Scale: 1:280,000	
Coordinate System: GDA 1994 MGA Zone 50	
Document Name: 045_MP_EN_0090.018_r1	

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**FIGURE 26 CONSERVATION SIGNIFICANT BIRDS
MONITORING SITES – MAIN LINE RAIL SITE 1**



LEGEND

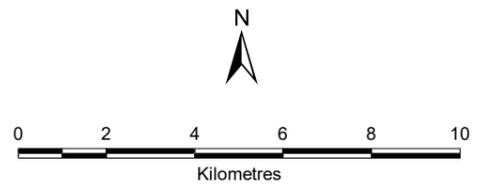
Significant Fauna Records

- Common Greenshank
- Common Sandpiper
- Fork-tailed Swift
- Grey Falcon
- Peregrine Falcon
- Wood Sandpiper

Bird Monitoring Sites

- ★ Impact
- ★ Reference
- ★ Towns
- Roads
- FMG Rail Alignments
- FMG Rail Corridors
- Significant Fauna Habitat - Birds

Data Source(s):
 Roads, Landgate, 2012
 Topography, Geoscience Australia
 All other data, FMG, 2018



Requested By: Olivia Hertsted
 Drawn By: H. Wallace
 Revised By: hwallace
 Approved By: P.M.
 Scale: 1:160,000
 Coordinate System: GDA 1994 MGA Zone 50
 Document Name: 045_MP_EN_0090.019_r0

Date: 12-Feb-18
 Size: A3P
 Revision: 0
 Confidentiality: 1

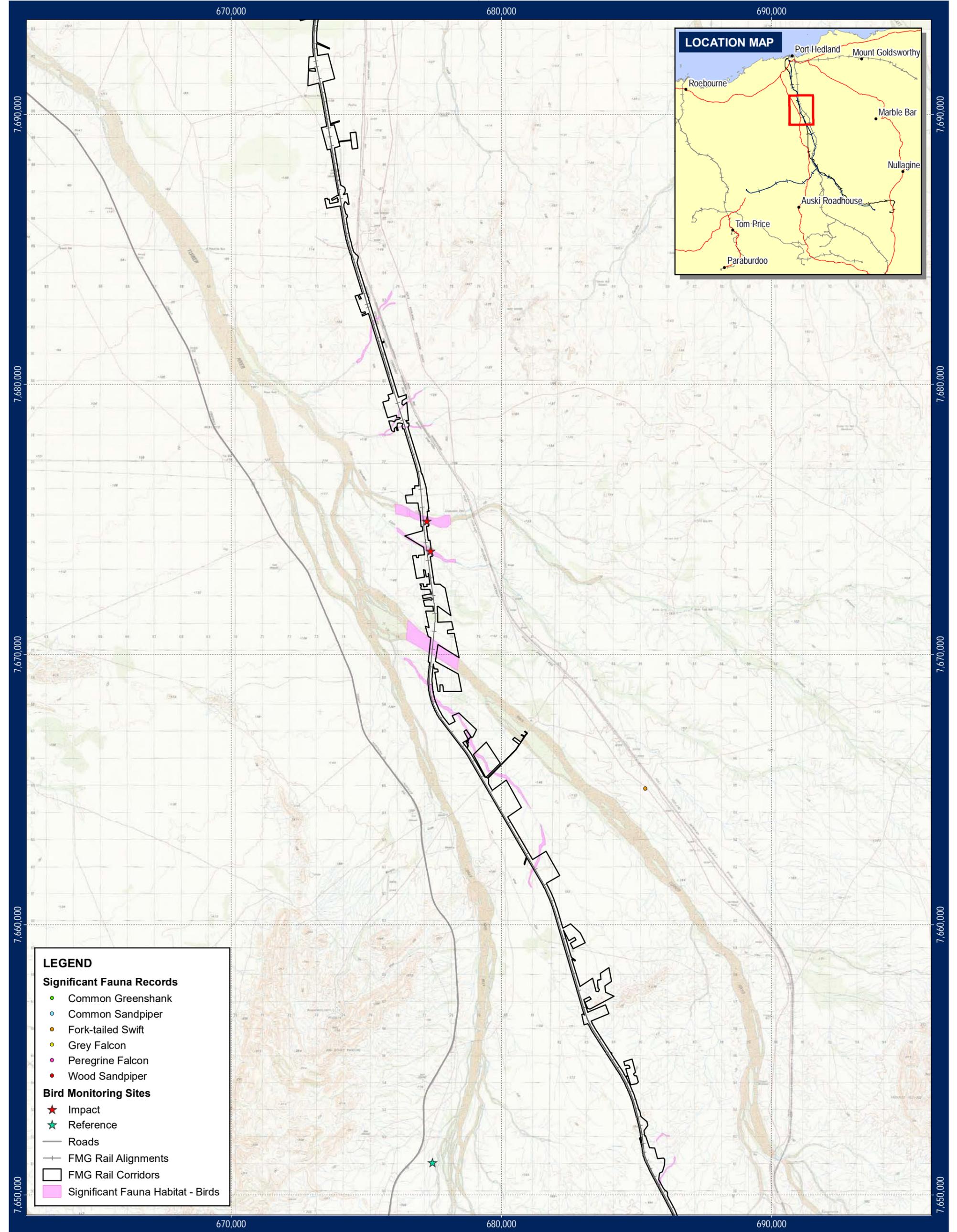
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Fauna Monitoring: Birds
 Mainline Rail (Including duplication)





**FIGURE 27 CONSERVATION SIGNIFICANT BIRDS
MONITORING SITES – MAIN LINE RAIL SITE 2**



LEGEND

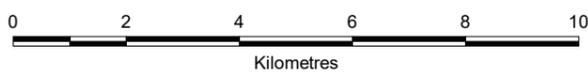
Significant Fauna Records

- Common Greenshank
- Common Sandpiper
- Fork-tailed Swift
- Grey Falcon
- Peregrine Falcon
- Wood Sandpiper

Bird Monitoring Sites

- ★ Impact
- ★ Reference
- Roads
- FMG Rail Alignments
- FMG Rail Corridors
- Significant Fauna Habitat - Birds

Data Source(s):
 Roads, Landgate, 2012
 Topography, Geoscience Australia
 All other data, FMG, 2018



Requested By: Olivia Hertsted
 Drawn By: H. Wallace
 Revised By: hwallace
 Approved By: P.M.
 Scale: 1:125,000
 Coordinate System: GDA 1994 MGA Zone 50
 Document Name: 045_MP_EN_0090.020_r0

Date: 12-Feb-18
 Size: A3P
 Revision: 0
 Confidentiality: 1

Fauna Monitoring: Birds
 Mainline Rail (Including duplication)

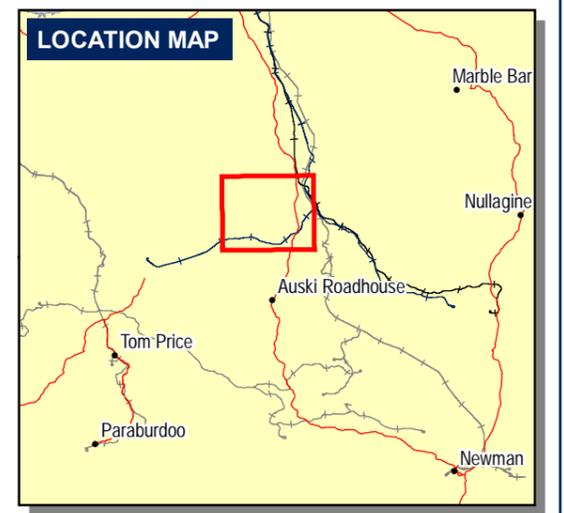
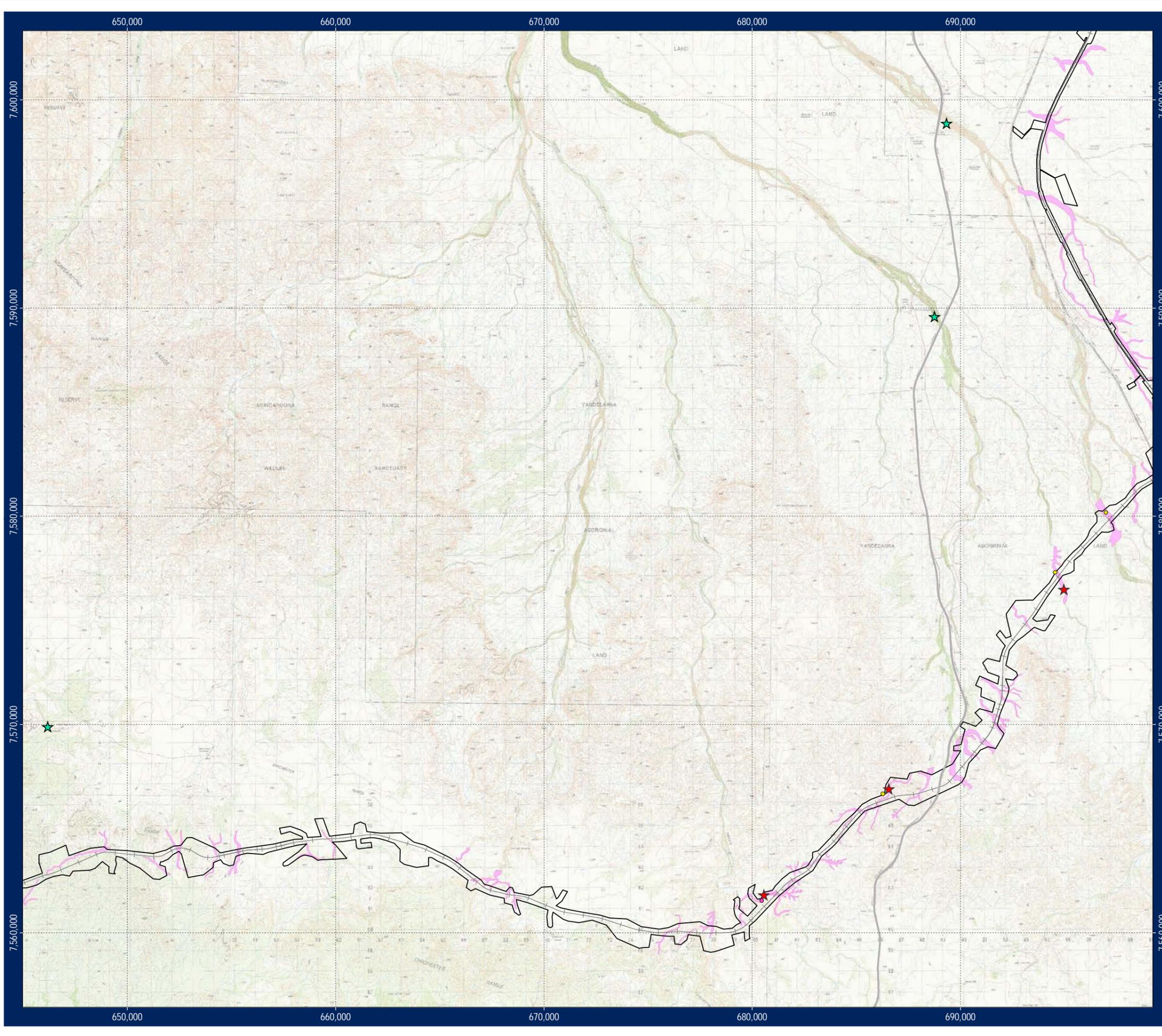


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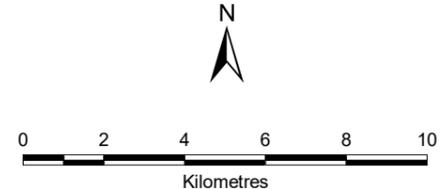


**FIGURE 28 CONSERVATION SIGNIFICANT BIRDS
MONITORING SITES – MAIN LINE AND HAMERSLEY RAIL**



- LEGEND**
- Significant Fauna Records**
- Common Greenshank
 - Common Sandpiper
 - Fork-tailed Swift
 - Grey Falcon
 - Peregrine Falcon
 - Wood Sandpiper
- Bird Monitoring Sites**
- ★ Impact
 - ★ Reference
- Roads
- FMG Rail Alignments
- FMG Rail Corridors
- Significant Fauna Habitat - Birds

Data Source(s):
 Roads, Landgate, 2012
 Topography, Geoscience Australia
 All other data, FMG, 2018



Fauna Monitoring: Birds
Hamersley Rail Line

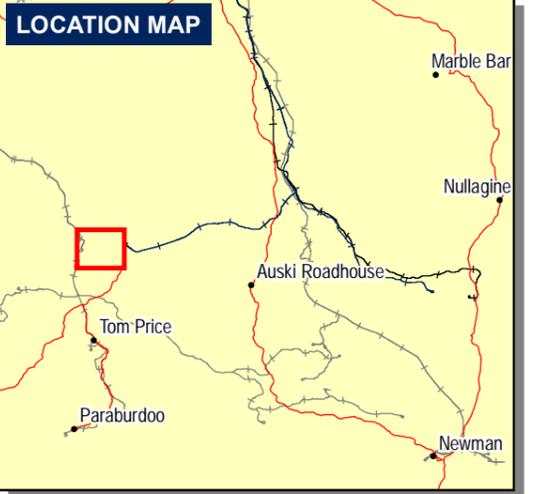
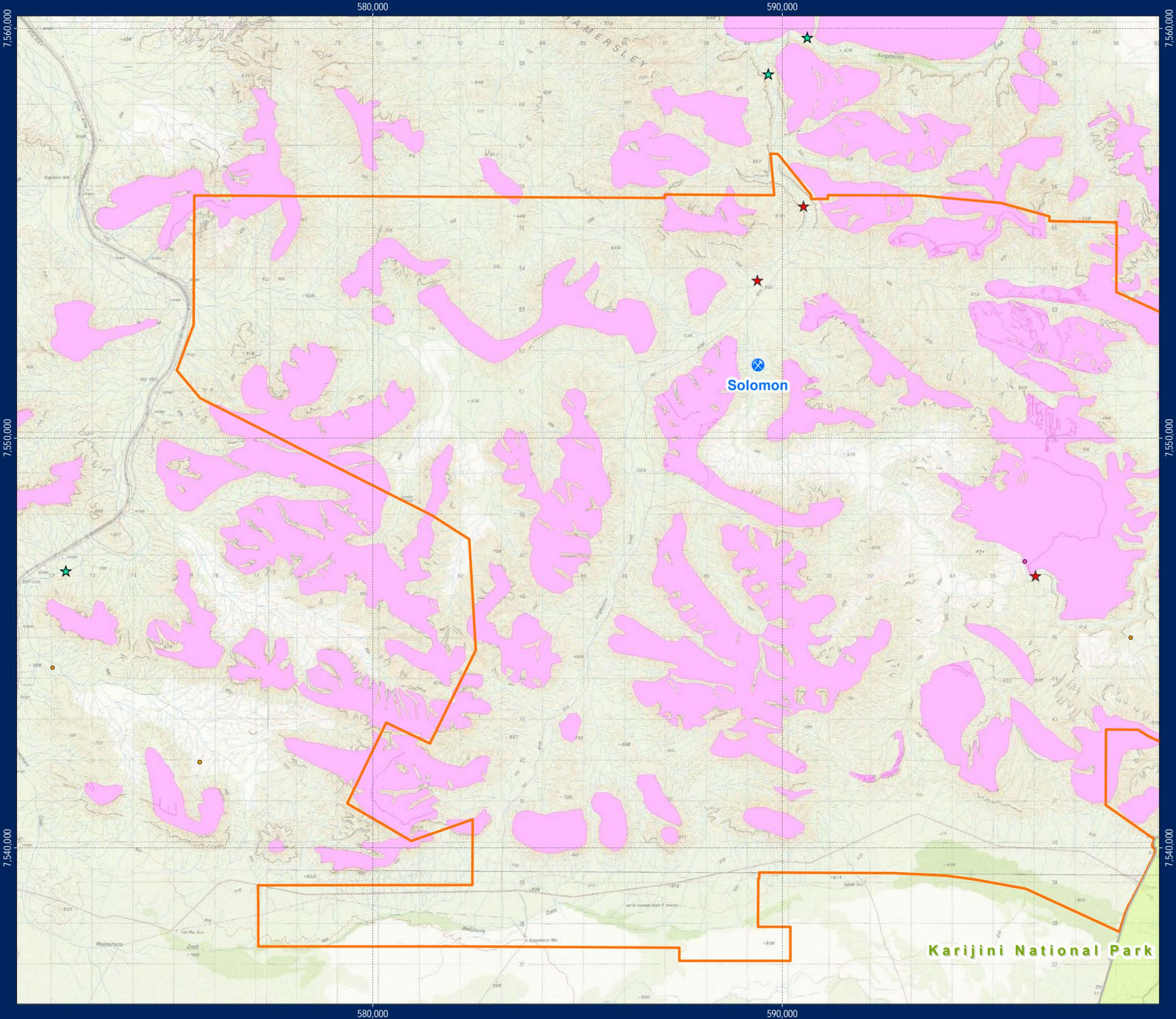
Requested By: Olivia Hertsted	Date: 16-Feb-18
Drawn By: H. Wallace	Size: A3L
Revised By: hwallace	Revision: 1
Approved By: P.M.	Confidentiality: 1
Scale: 1:175,000	
Coordinate System: GDA 1994 MGA Zone 50	
Document Name: 045_MP_EN_0090.017_r1	

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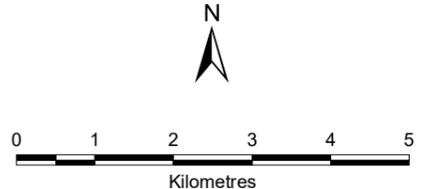


**FIGURE 29 CONSERVATION SIGNIFICANT BIRDS
MONITORING SITES – SOLOMON MINE**



- LEGEND**
- Significant Fauna Records**
- Common Greenshank
 - Common Sandpiper
 - Fork-tailed Swift
 - Grey Falcon
 - Peregrine Falcon
 - Wood Sandpiper
- Bird Monitoring Sites**
- ★ Impact
 - ★ Reference
 - ⊗ FMG Mine
- Roads
- ▭ Solomon Mine
- Significant Fauna Habitat - Birds
- National Park

Data Source(s):
 Roads, Landgate, 2012
 Topography, Geoscience Australia
 All other data, FMG, 2018



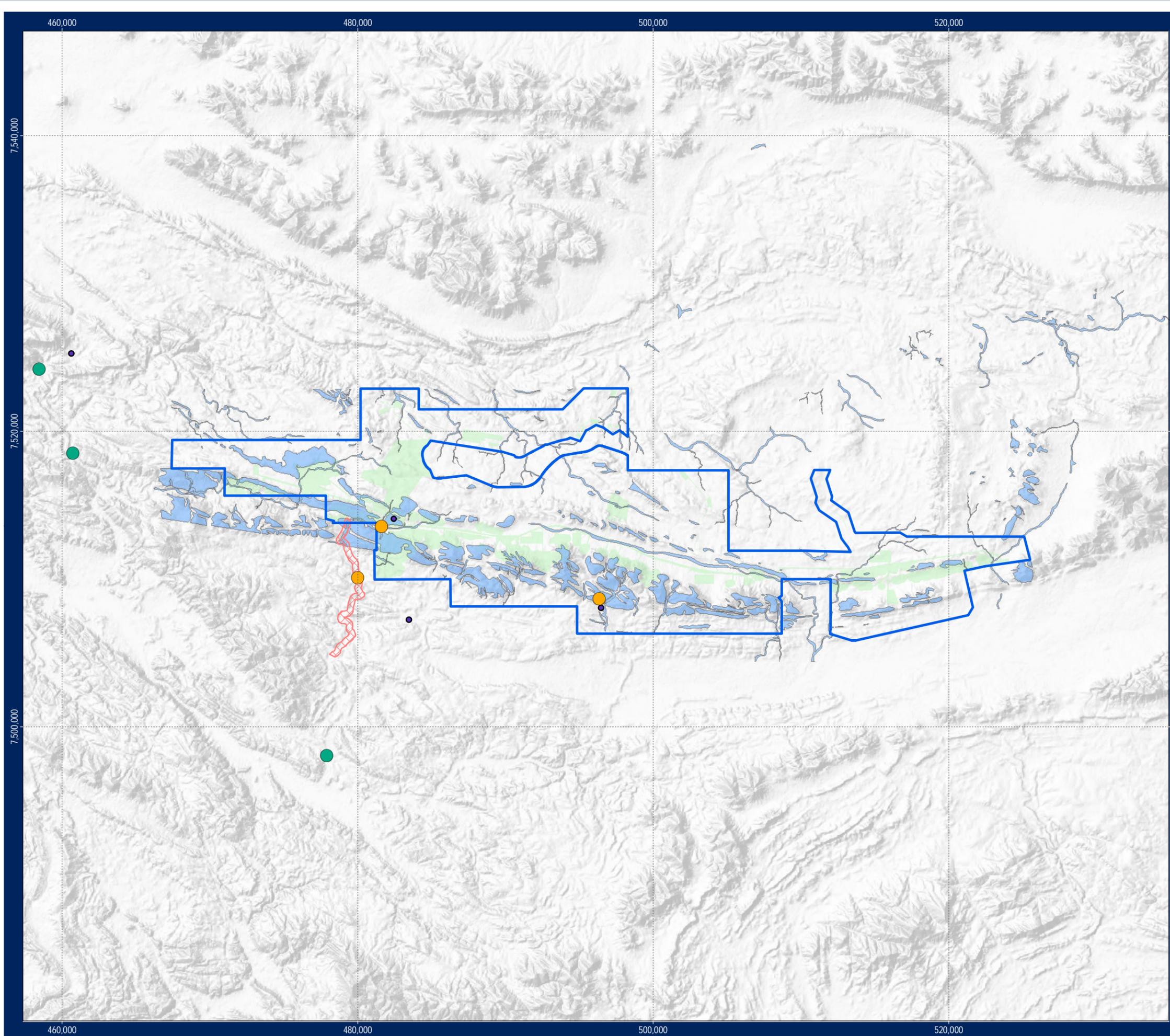
Fauna Monitoring: Birds
Solomon Mine

Requested By: Olivia Hersted	Date: 27-Apr-18
Drawn By: H. Wallace	Size: A3L
Revised By: hwallace	Revision: 1
Approved By: P.M.	Confidentiality: 1
Scale: 1:90,000	
Coordinate System: GDA 1994 MGA Zone 50	
Document Name: 045_MP_EN_0090.021_r1	

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**FIGURE 30 CONSERVATION SIGNIFICANT BIRDS
MONITORING SITES – ELIWANA MINE**



- LEGEND**
- Mine Development Envelope
 - Excess Water Discharge Extent
 - Significant Fauna Monitoring Sites**
 - Migratory Birds; Impact
 - Migratory Birds; Reference
 - Significant Fauna Records**
 - Peregrine Falcon
 - Significant Fauna Habitat
 - Eliwana Indicative Mine Footprint

Data Sources:
 SRTM, GA
 All other data: FMG, 2020

0 5 10
 Kilometres

N

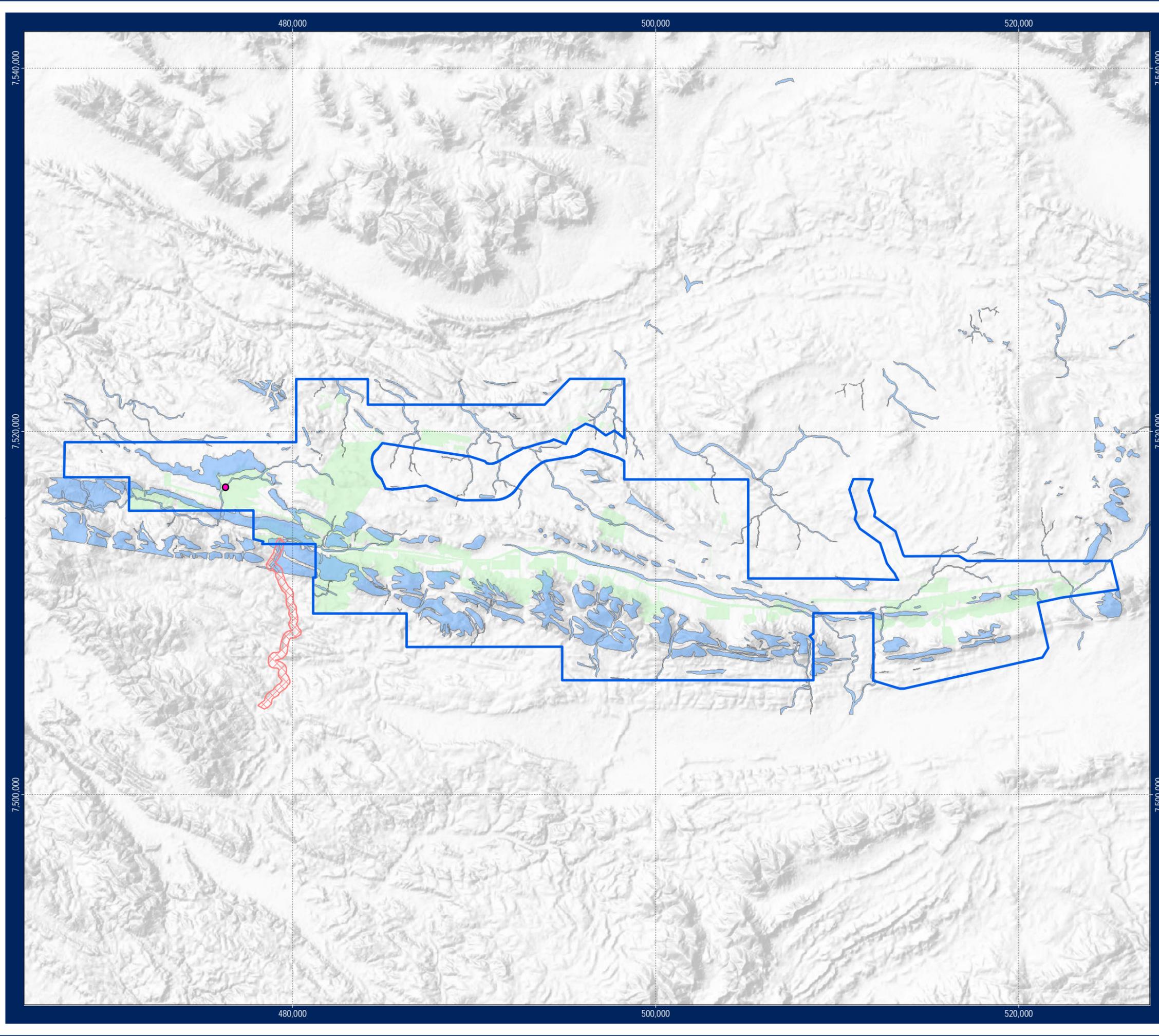
**Conservation Significant Fauna
 Monitoring Sites - Significant Birds
 Eliwana Mine**

Requested By: O. Hertsted	Date: 5/05/2020
Drawn By: N. Rappa	Size: A3L
Revised By: sanli	Revision: 2
Approved By: P. Mastalir	Confidentiality: 1
Scale: 1:250,000	
Coordinate System: GDA 1994 MGA Zone 50	
Document Name: 751EW_MP_EN_0031.003_r0_sig_bird	

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**FIGURE 31 *SRE ANTICHIROPUS* 1021DNA02 SITE RECORD –
ELIWANA MINE**



- LEGEND**
- Mine Development Envelope
 - Excess Water Discharge Extent
- Significant Fauna Records**
- SRE Antichiropus 1021DNA02
 - Significant Fauna Habitat
 - Eliwana Indicative Mine Footprint

Data Sources:
 SRTM, GA
 All other data; FMG, 2020

0 5 10
 Kilometres

N

**Conservation Significant Fauna
 - SRE *Antichiropus* 1021DNA02 -
 Eliwana Mine**

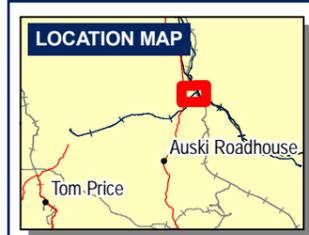
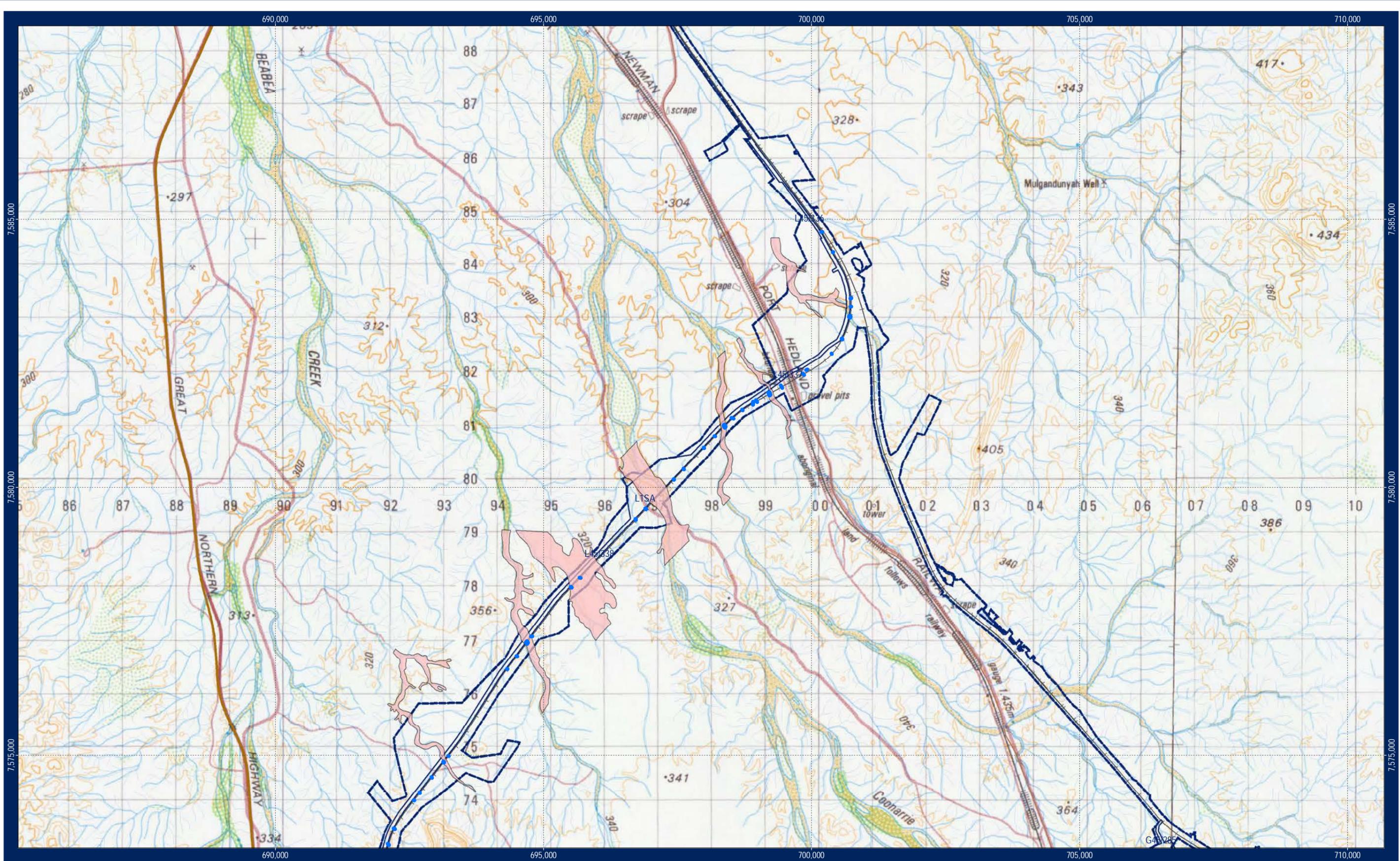
Requested By: O. Hertsted	Date: 5/05/2020
Drawn By: N. Rappa	Size: A3L
Revised By: sanli	Revision: 0
Approved By: P. Mastalir	Confidentiality: 1
Scale: 1:200,000	
Coordinate System: GDA 1994 MGA Zone 50	
Document Name: 751EW_MP_EN_0031.006_r0_sre	

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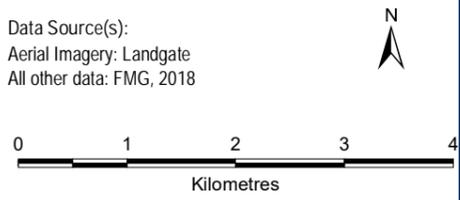




**FIGURE 32 CULVERT LOCATIONS ON THE HAMERSLEY LINE
WITHIN NORTHERN QUOLL HABITAT**



- LEGEND**
- 50k Drainage Pilbara
 - FMG Rail Culverts
 - FMG Rail Alignments
 - Northern Quoll Habitat
 - FMG Rail Corridors
 - FMG Tenements



Requested By: O. Hertsted
 Drawn By: S. Roestenburg
 Revised By: sroestenburg
 Approved By: P. Mastalir
 Scale: 1:65,000
 Coordinate System: GDA 1994 MGA Zone 50
 Document Name: R_MP_EN_0049.001_r1

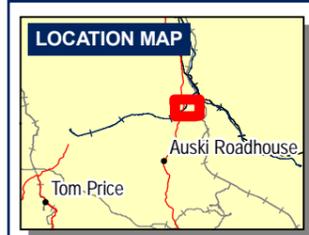
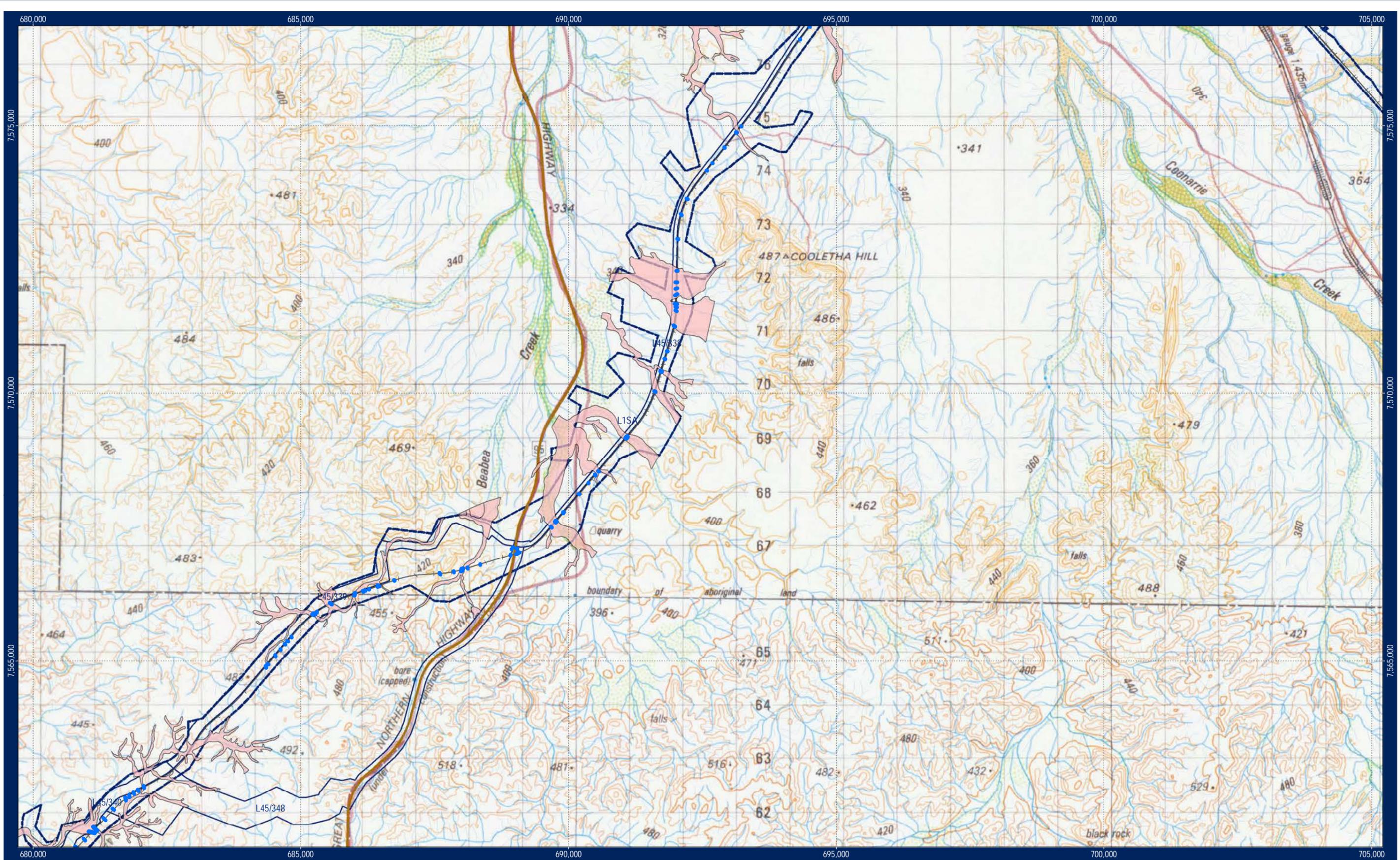
Date: 4/23/2018
 Size: A3L
 Revision: 1
 Confidentiality: 1
 Page 1 of 7

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**Culvert locations within
 Northern Quoll Habitat
 Hamersley Rail**





- LEGEND**
- 50k Drainage Pilbara
 - FMG Rail Culverts
 - FMG Rail Alignments
 - Northern Quoll Habitat
 - FMG Rail Corridors
 - FMG Tenements

Data Source(s):
 Aerial Imagery: Landgate
 All other data: FMG, 2018



Requested By: O. Hertsted
 Drawn By: S. Roestenburg
 Revised By: sroestenburg
 Approved By: P. Mastalir
 Scale: 1:65,000
 Coordinate System: GDA 1994 MGA Zone 50
 Document Name: R_MP_EN_0049.001_r1

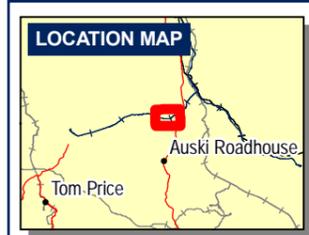
Date: 4/23/2018
 Size: A3L
 Revision: 1
 Confidentiality: 1
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Culvert locations within Northern Quoll Habitat Hamersley Rail



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- LEGEND**
- 50k Drainage Pilbara
 - FMG Rail Culverts
 - FMG Rail Alignments
 - Northern Quoll Habitat
 - FMG Rail Corridors
 - FMG Tenements

Data Source(s):
 Aerial Imagery: Landgate
 All other data: FMG, 2018



Requested By: O. Hertsted
 Drawn By: S. Roestenburg
 Revised By: sroestenburg
 Approved By: P. Mastalir
 Scale: 1:65,000
 Coordinate System: GDA 1994 MGA Zone 50
 Document Name: R_MP_EN_0049.001_r1

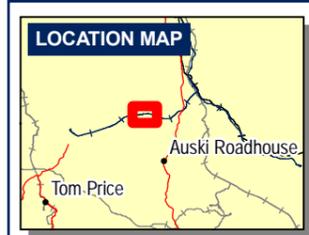
Date: 4/23/2018
 Size: A3L
 Revision: 1
 Confidentiality: 1
 Page 3 of 7

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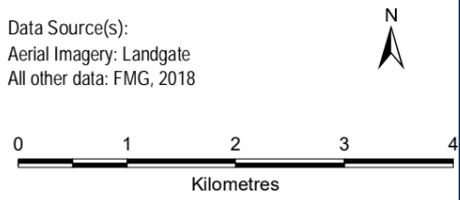
Culvert locations within Northern Quoll Habitat Hamersley Rail



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- LEGEND**
- 50k Drainage Pilbara
 - FMG Rail Culverts
 - FMG Rail Alignments
 - Northern Quoll Habitat
 - FMG Rail Corridors
 - FMG Tenements



Requested By: O. Hertsted
 Drawn By: S. Roestenburg
 Revised By: sroestenburg
 Approved By: P. Mastalir
 Scale: 1:65,000
 Coordinate System: GDA 1994 MGA Zone 50
 Document Name: R_MP_EN_0049.001_r1

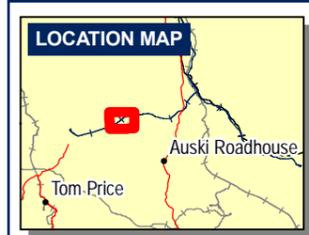
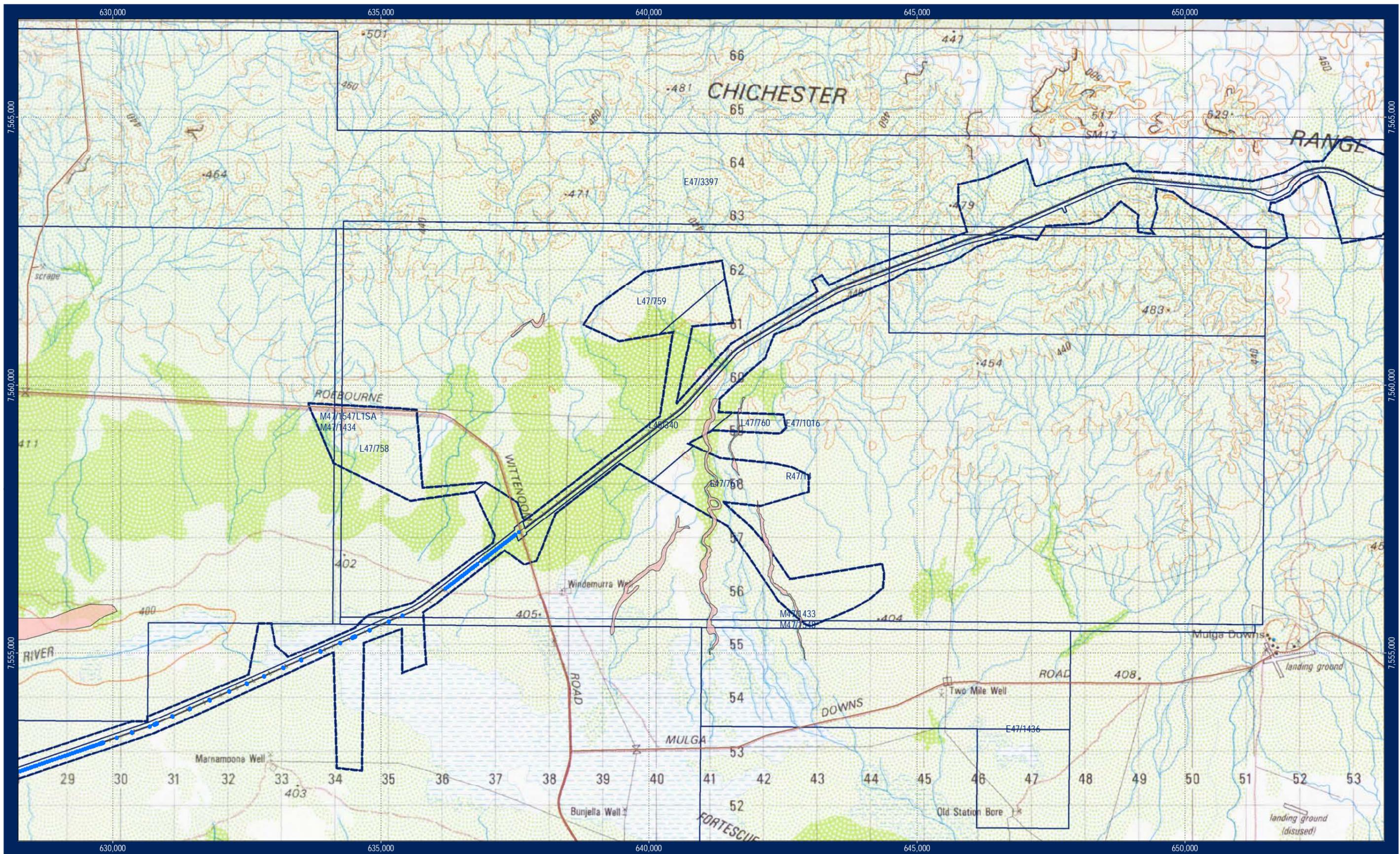
Date: 4/23/2018
 Size: A3L
 Revision: 1
 Confidentiality: 1
 Page 4 of 7

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**Culvert locations within
 Northern Quoll Habitat
 Hamersley Rail**





- LEGEND**
- 50k Drainage Pilbara
 - FMG Rail Culverts
 - FMG Rail Alignments
 - Northern Quoll Habitat
 - FMG Rail Corridors
 - FMG Tenements

Data Source(s):
 Aerial Imagery: Landgate
 All other data: FMG, 2018



Requested By: O. Hertsted
 Drawn By: S. Roestenburg
 Revised By: sroestenburg
 Approved By: P. Mastalir
 Scale: 1:65,000
 Coordinate System: GDA 1994 MGA Zone 50
 Document Name: R_MP_EN_0049.001_r1

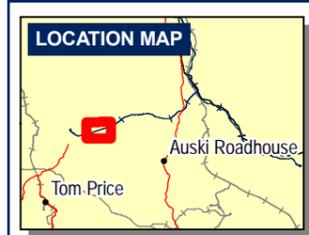
Date: 4/23/2018
 Size: A3L
 Revision: 1
 Confidentiality: 1
 Page 5 of 7

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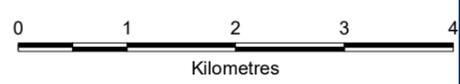
**Culvert locations within
 Northern Quoll Habitat
 Hamersley Rail**





- LEGEND**
- 50k Drainage Pilbara
 - FMG Rail Culverts
 - FMG Rail Alignments
 - Northern Quoll Habitat
 - FMG Rail Corridors
 - FMG Tenements

Data Source(s):
 Aerial Imagery: Landgate
 All other data: FMG, 2018



Requested By: O. Hertsted
 Drawn By: S. Roestenburg
 Revised By: sroestenburg
 Approved By: P. Mastalir
 Scale: 1:65,000
 Coordinate System: GDA 1994 MGA Zone 50
 Document Name: R_MP_EN_0049.001_r1

Date: 4/23/2018
 Size: A3L
 Revision: 1
 Confidentiality: 1

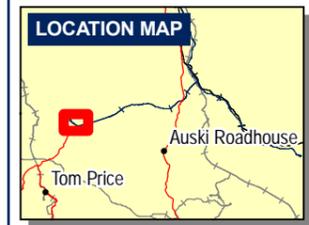
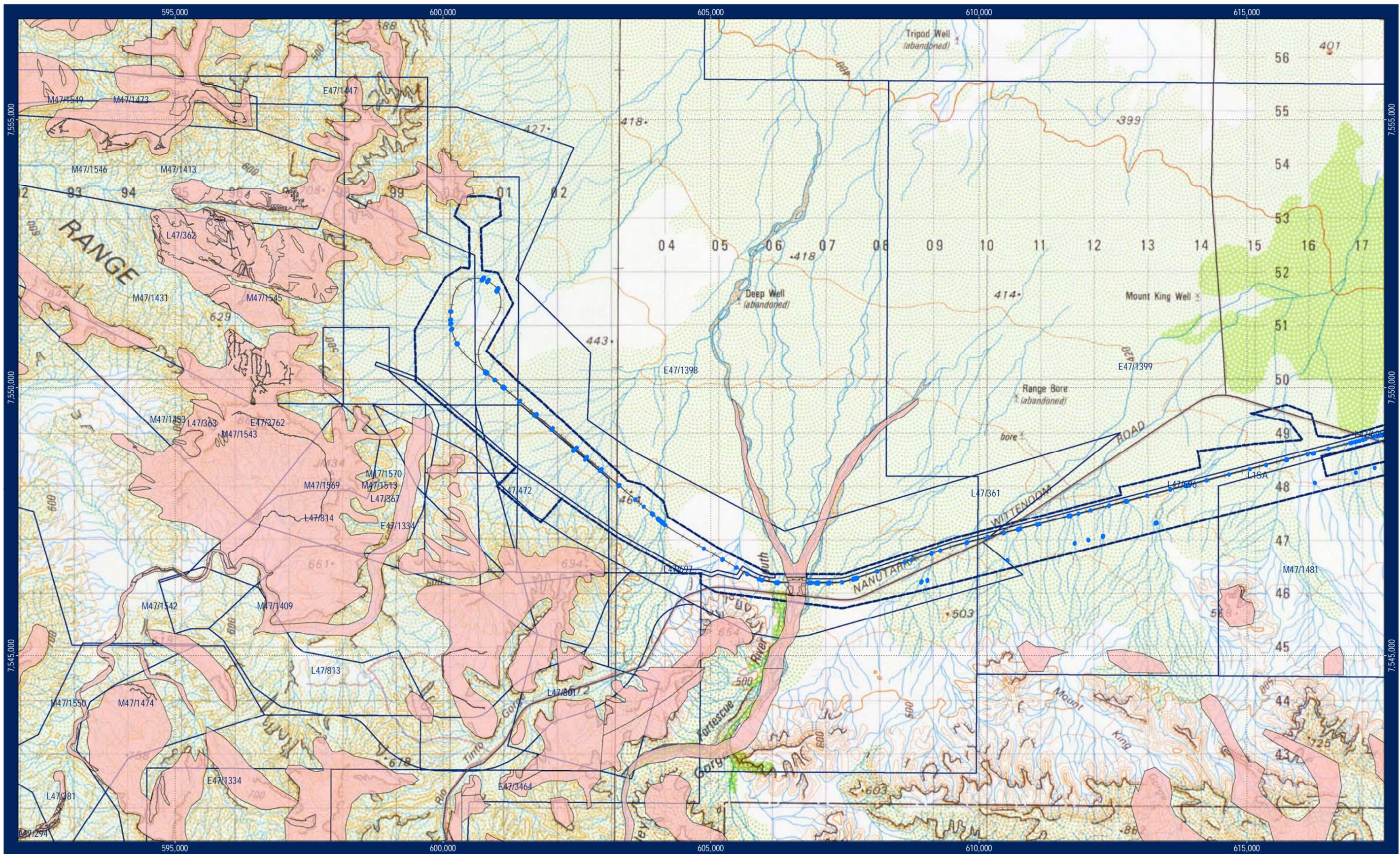
Page 6 of 7

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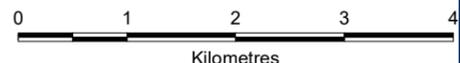
Culvert locations within Northern Quoll Habitat Hamersley Rail





- LEGEND**
- 50k Drainage Pilbara
 - FMG Rail Culverts
 - FMG Rail Alignments
 - Northern Quoll Habitat
 - FMG Rail Corridors
 - FMG Tenements

Data Source(s):
 Aerial Imagery: Landgate
 All other data: FMG, 2018



Requested By: O. Hertsted
 Drawn By: S. Roestenburg
 Revised By: sroestenburg
 Approved By: P. Mastalir
 Scale: 1:65,000
 Coordinate System: GDA 1994 MGA Zone 50
 Document Name: R_MP_EN_0049.001_r1

Date: 4/23/2018
 Size: A3L
 Revision: 1
 Confidentiality: 1
 Page 7 of 7

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Culvert locations within Northern Quoll Habitat Hamersley Rail

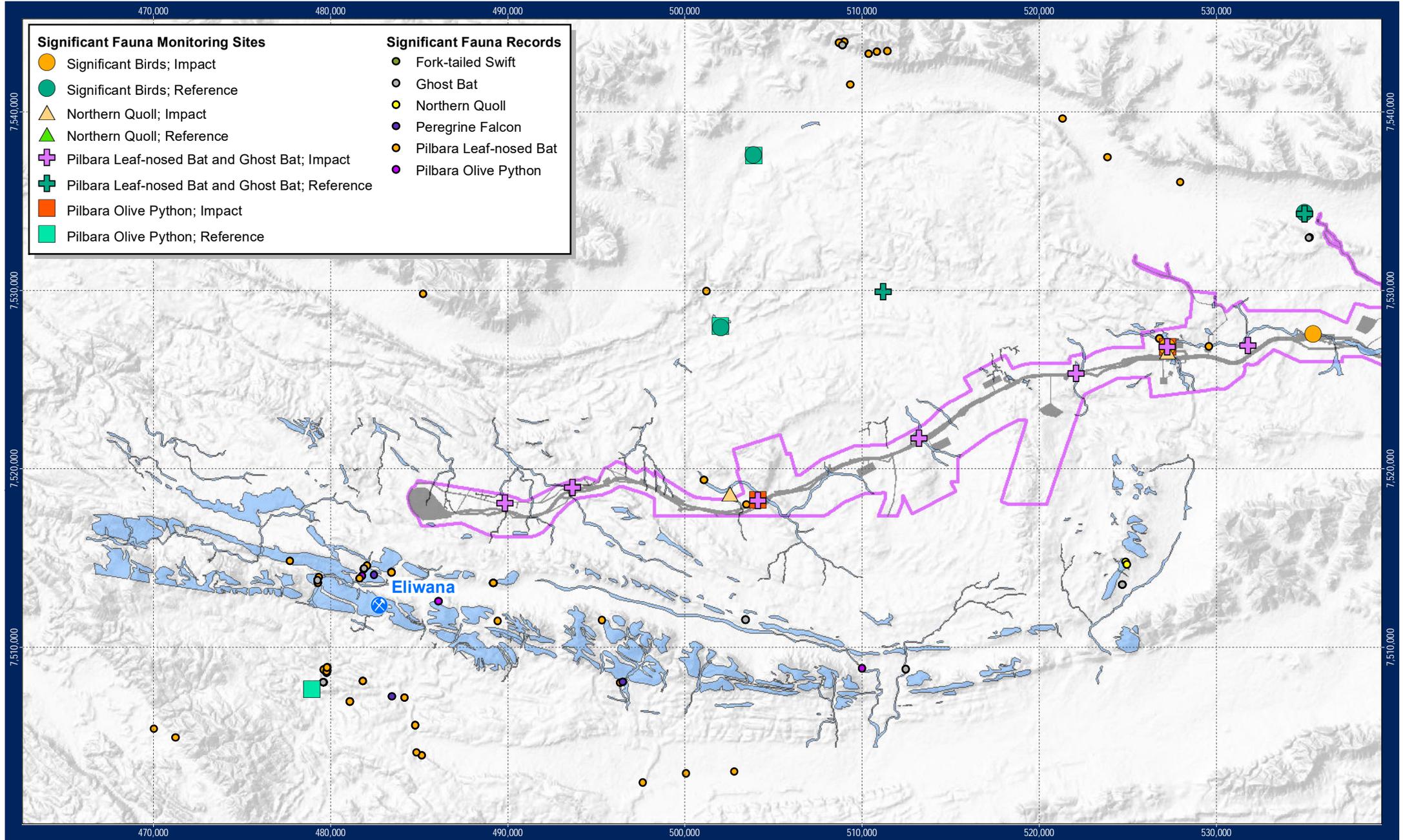


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**FIGURE 33 CONSERVATION SIGNIFICANT FAUNA
MONITORING SITES – ELIWANA RAIL**

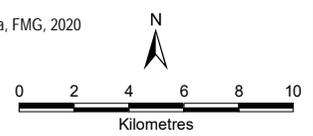


- | Significant Fauna Monitoring Sites | Significant Fauna Records |
|---|---------------------------|
| ● Significant Birds; Impact | ● Fork-tailed Swift |
| ● Significant Birds; Reference | ● Ghost Bat |
| ▲ Northern Quoll; Impact | ● Northern Quoll |
| ▲ Northern Quoll; Reference | ● Peregrine Falcon |
| ✚ Pilbara Leaf-nosed Bat and Ghost Bat; Impact | ● Pilbara Leaf-nosed Bat |
| ✚ Pilbara Leaf-nosed Bat and Ghost Bat; Reference | ● Pilbara Olive Python |
| ■ Pilbara Olive Python; Impact | |
| ■ Pilbara Olive Python; Reference | |



- LEGEND**
- ⊗ Fortescue Projects
 - ▭ Rail Development Envelope
 - ▭ Eliwana Rail Indicative Footprint
 - ▭ Significant Fauna Habitat

Data Source(s):
 SRTM, GA
 All other data, FMG, 2020



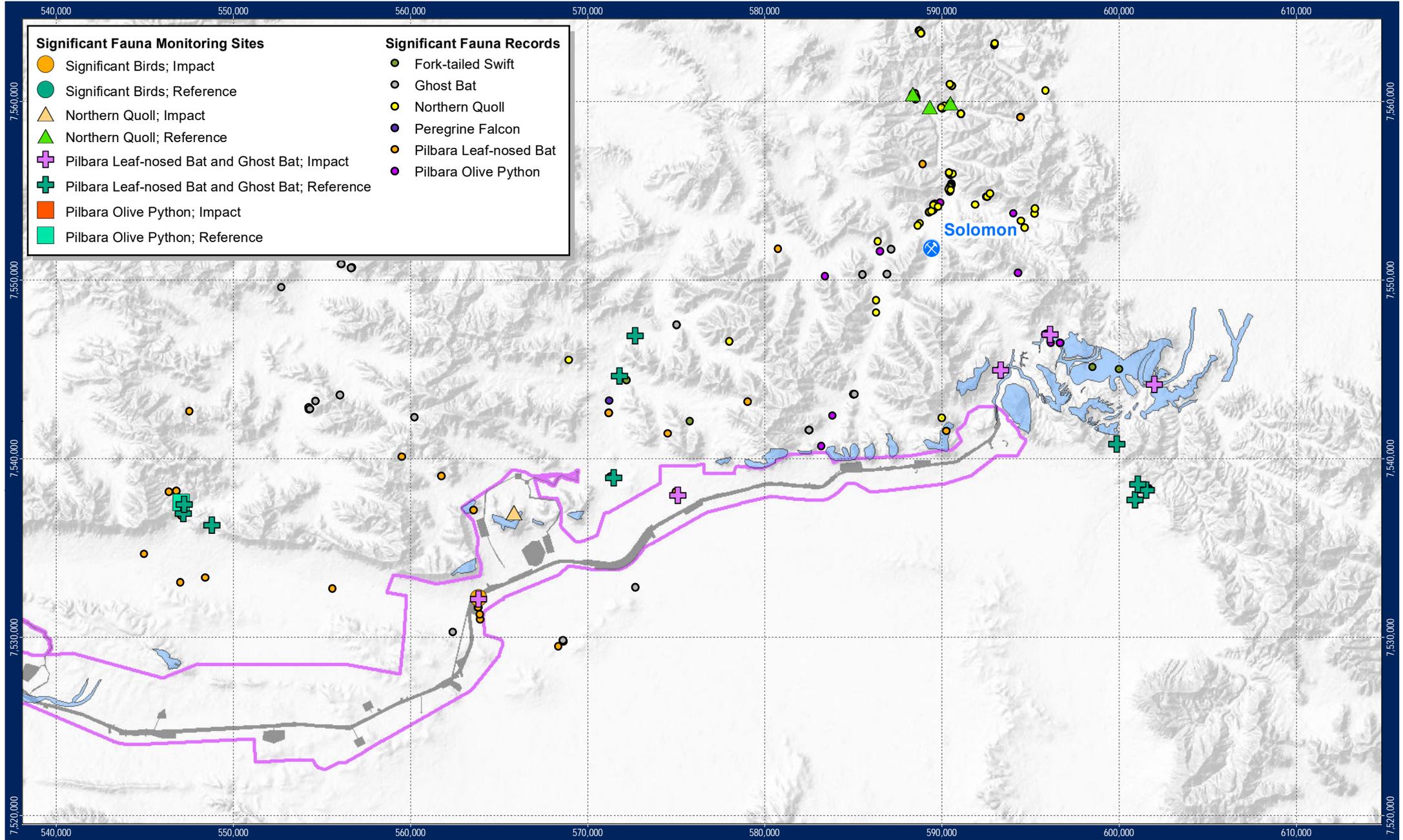
Requested By: O. Hertsted
 Drawn By: P. Kulkarni
 Revised By: sanli
 Approved By: P. Masalir
 Scale: 1:275,000
 Coordinate System: GDA 1994 MGA Zone 50
 Document Name: 751ES_MP_EN_0009.001_r3

Date: 5/05/2020
 Size: A4L
 Revision: 3
 Confidentiality: 1

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**Conservation Significant Fauna Monitoring Sites
 Eliwana Rail
 Map 1**



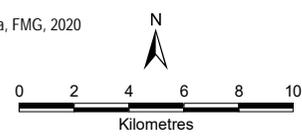


- | Significant Fauna Monitoring Sites | Significant Fauna Records |
|---|---------------------------|
| ● Significant Birds; Impact | ● Fork-tailed Swift |
| ● Significant Birds; Reference | ● Ghost Bat |
| ▲ Northern Quoll; Impact | ● Northern Quoll |
| ▲ Northern Quoll; Reference | ● Peregrine Falcon |
| ✚ Pilbara Leaf-nosed Bat and Ghost Bat; Impact | ● Pilbara Leaf-nosed Bat |
| ✚ Pilbara Leaf-nosed Bat and Ghost Bat; Reference | ● Pilbara Olive Python |
| ■ Pilbara Olive Python; Impact | |
| ■ Pilbara Olive Python; Reference | |



- LEGEND**
- ⊗ Fortescue Projects
 - ▭ Rail Development Envelope
 - ▬ Eliwana Rail Indicative Footprint
 - ▭ Significant Fauna Habitat

Data Source(s):
 SRTM, GA
 All other data, FMG, 2020



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**Conservation Significant Fauna Monitoring Sites
 Eliwana Rail
 Map 2**