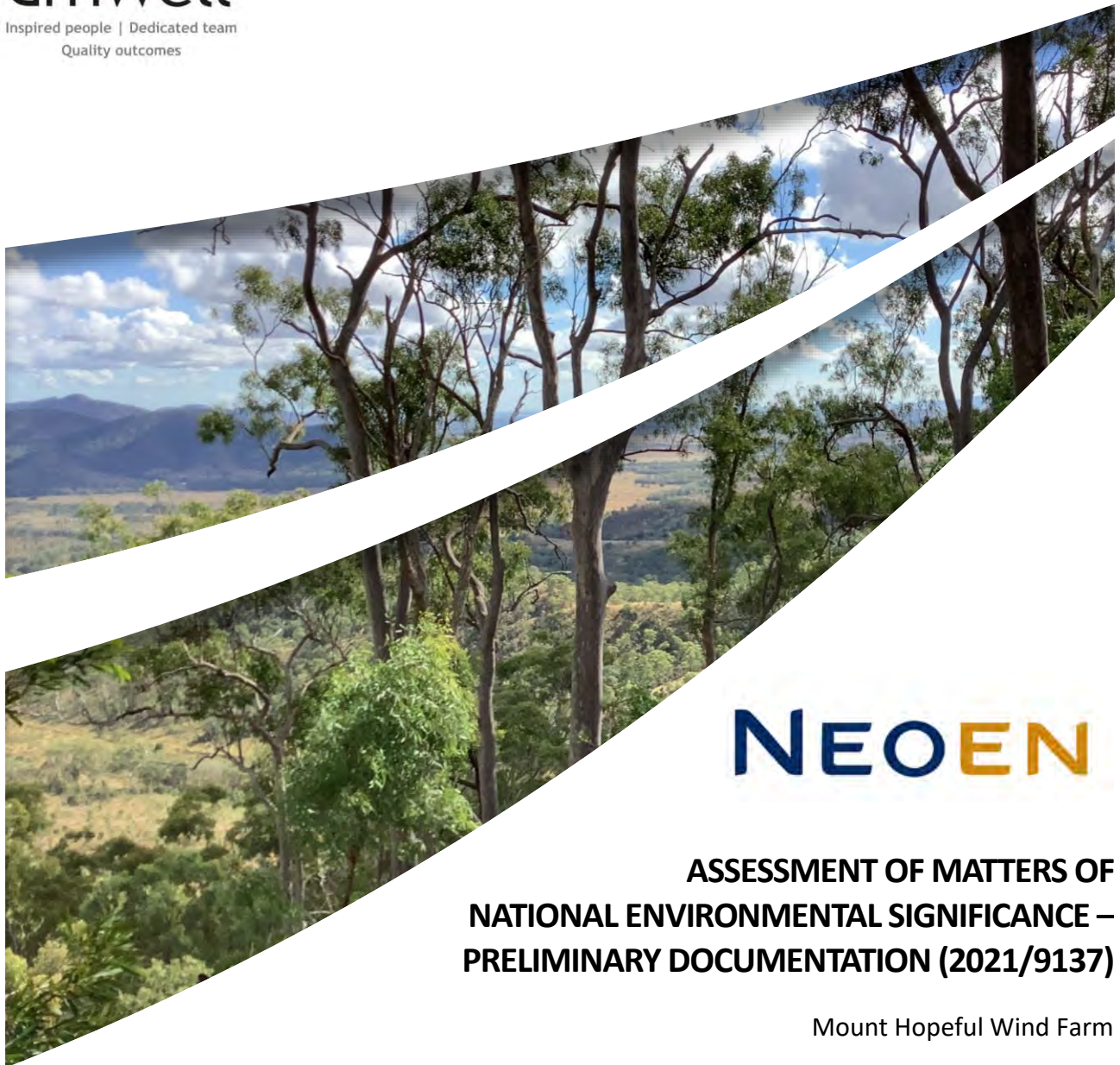




NEOEN

**ASSESSMENT OF MATTERS OF
NATIONAL ENVIRONMENTAL SIGNIFICANCE –
PRELIMINARY DOCUMENTATION (2021/9137)**

Mount Hopeful Wind Farm

FINAL – ATTACHMENT B3

March 2024



ASSESSMENT OF MATTERS OF NATIONAL ENVIRONMENTAL SIGNIFICANCE – PRELIMINARY DOCUMENTATION (2021/9137)

Mount Hopeful Wind Farm

FINAL – ATTACHMENT B3

Prepared by
Umwelt (Australia) Pty Limited
on behalf of
Neoen Australia Pty Ltd

Report No. 22753/R03
Date: March 2024



QMS Certification Services

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Legend

- Squatter Pigeon (Southern) Record (ALA)
- △ Squatter Pigeon (Southern) Record (Umwelt)
- Suitable Watercourses
- Disturbance Footprint
- ▭ Study Area
- Reservoirs (DoR)
- Squatter Pigeon (Southern) Habitat**
 - Breeding
 - Dispersal
 - Foraging

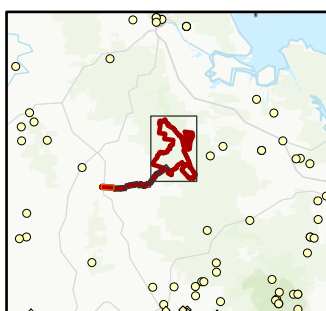


FIGURE 7.13A

**SQUATTER PIGEON (SOUTHERN)
HABITAT**



Legend

- Squatter Pigeon (Southern) Record (ALA)
- ▲ Squatter Pigeon (Southern) Record (Umwelt)
- Suitable Watercourses
- Disturbance Footprint
- ▭ Study Area
- Reservoirs (DoR)
- Squatter Pigeon (Southern) Habitat**
 - Breeding
 - Dispersal
 - Foraging

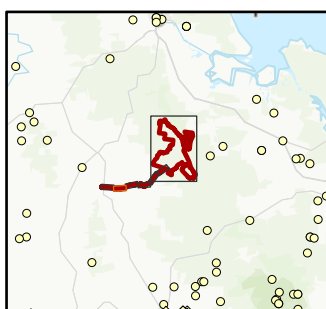


FIGURE 7.13B

**SQUATTER PIGEON (SOUTHERN)
HABITAT**



Legend

- Squatter Pigeon (Southern) Record (ALA)
- △ Squatter Pigeon (Southern) Record (Umwelt)
- Suitable Watercourses
- ▭ Disturbance Footprint
- ▭ Study Area
- Reservoirs (DoR)
- Squatter Pigeon (Southern) Habitat**
 - Breeding
 - Dispersal
 - Foraging

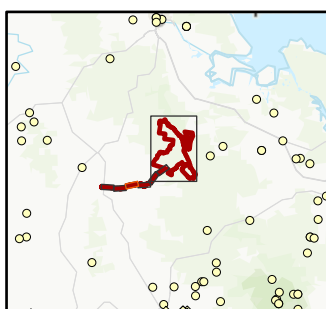
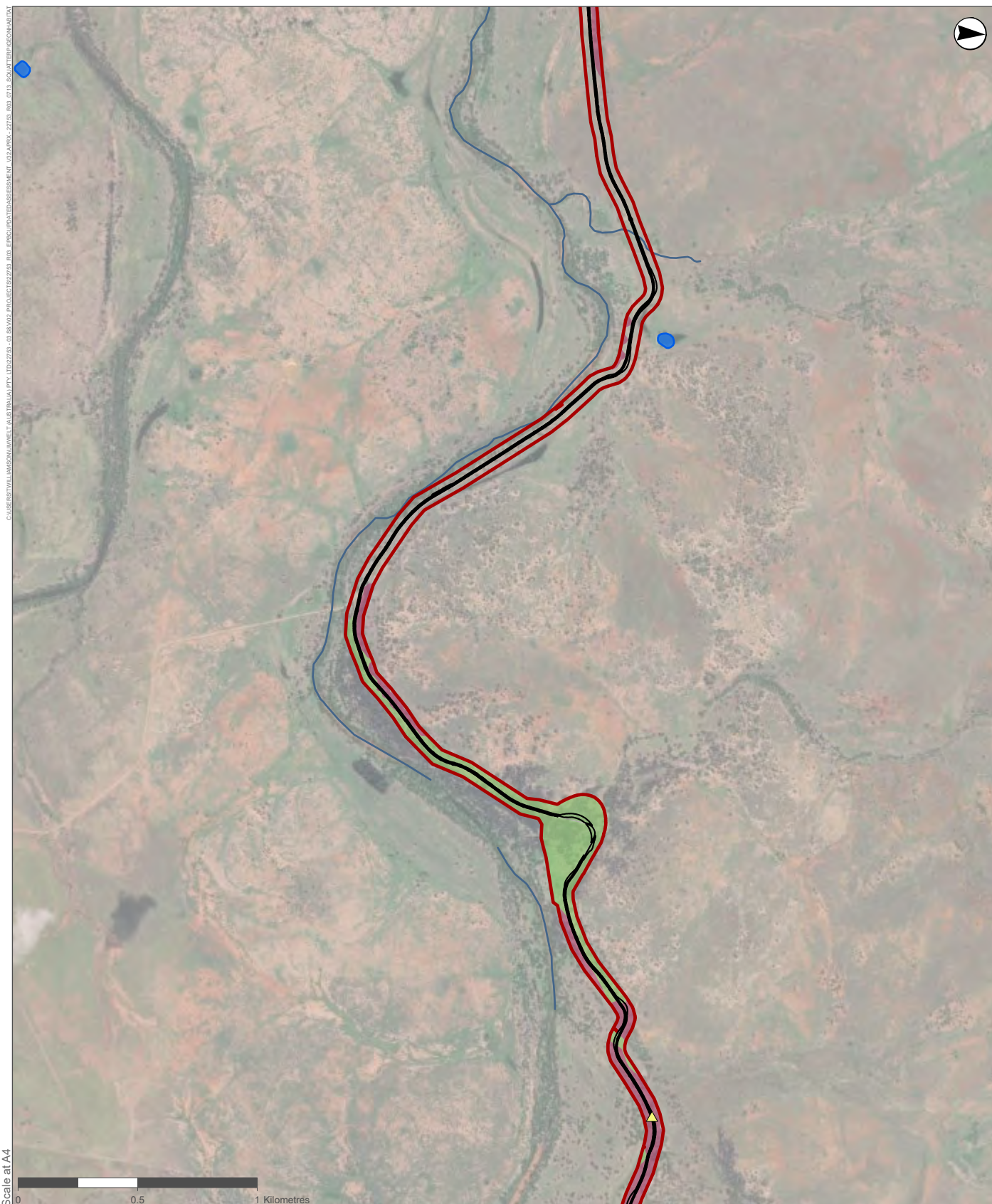


FIGURE 7.13C

**SQUATTER PIGEON (SOUTHERN)
HABITAT**



Legend

- Squatter Pigeon (Southern) Record (ALA)
- ▲ Squatter Pigeon (Southern) Record (Umwelt)
- Suitable Watercourses
- ▭ Disturbance Footprint
- ▭ Study Area
- Reservoirs (DoR)

Squatter Pigeon (Southern) Habitat

- Breeding
- Dispersal
- Foraging

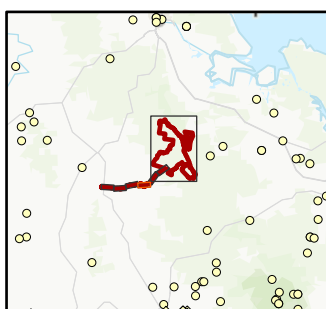
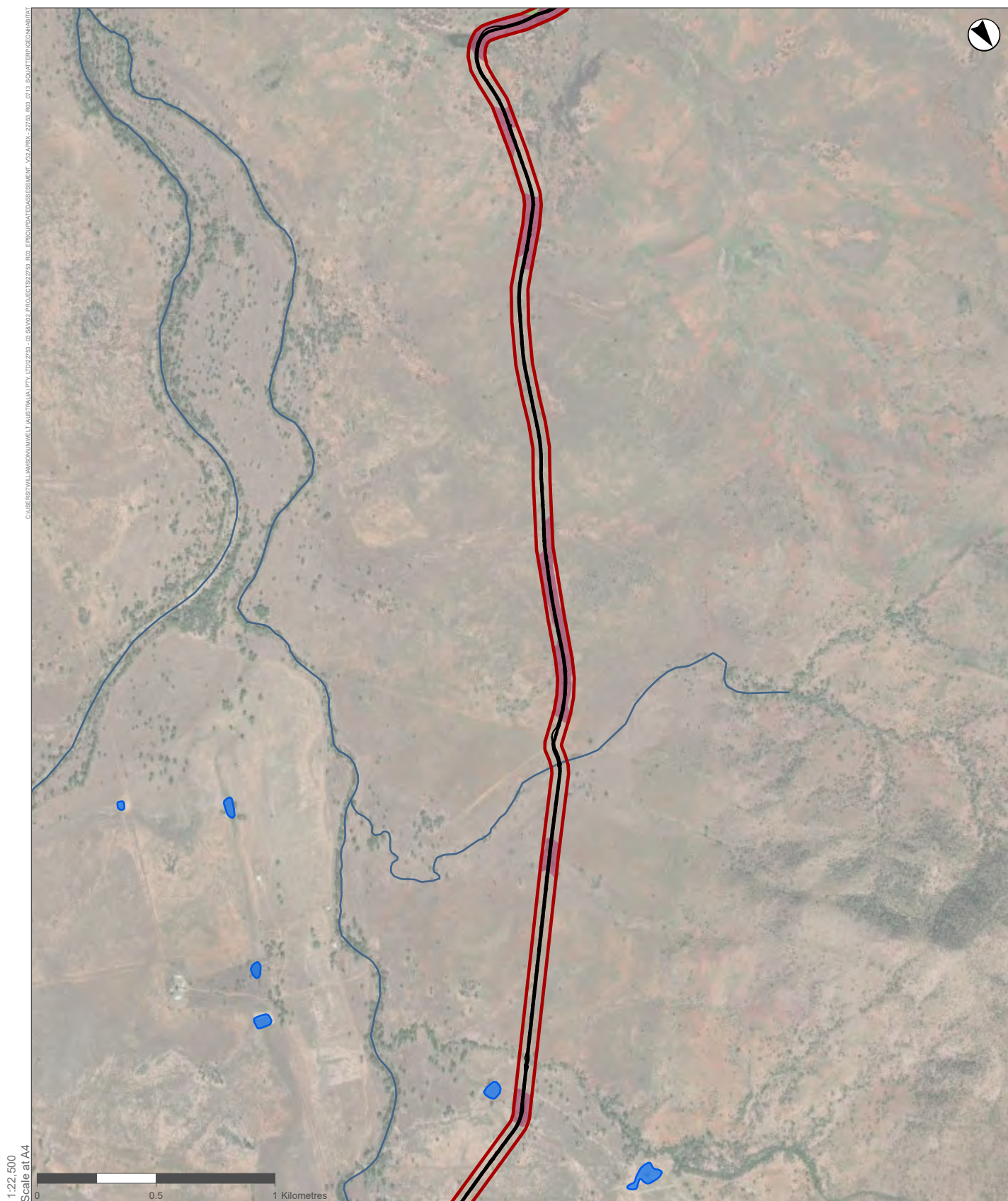


FIGURE 7.13D

**SQUATTER PIGEON (SOUTHERN)
HABITAT**



Legend

- Squatter Pigeon (Southern) Record (ALA)
- △ Squatter Pigeon (Southern) Record (Umwelt)
- Suitable Watercourses
- ▭ Disturbance Footprint
- ▭ Study Area
- Reservoirs (DoR)

Squatter Pigeon (Southern) Habitat

- Breeding
- Dispersal
- Foraging

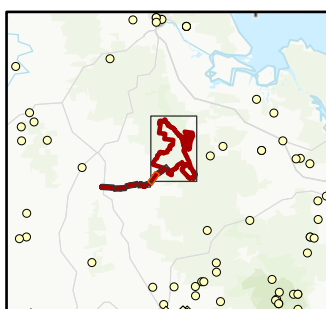
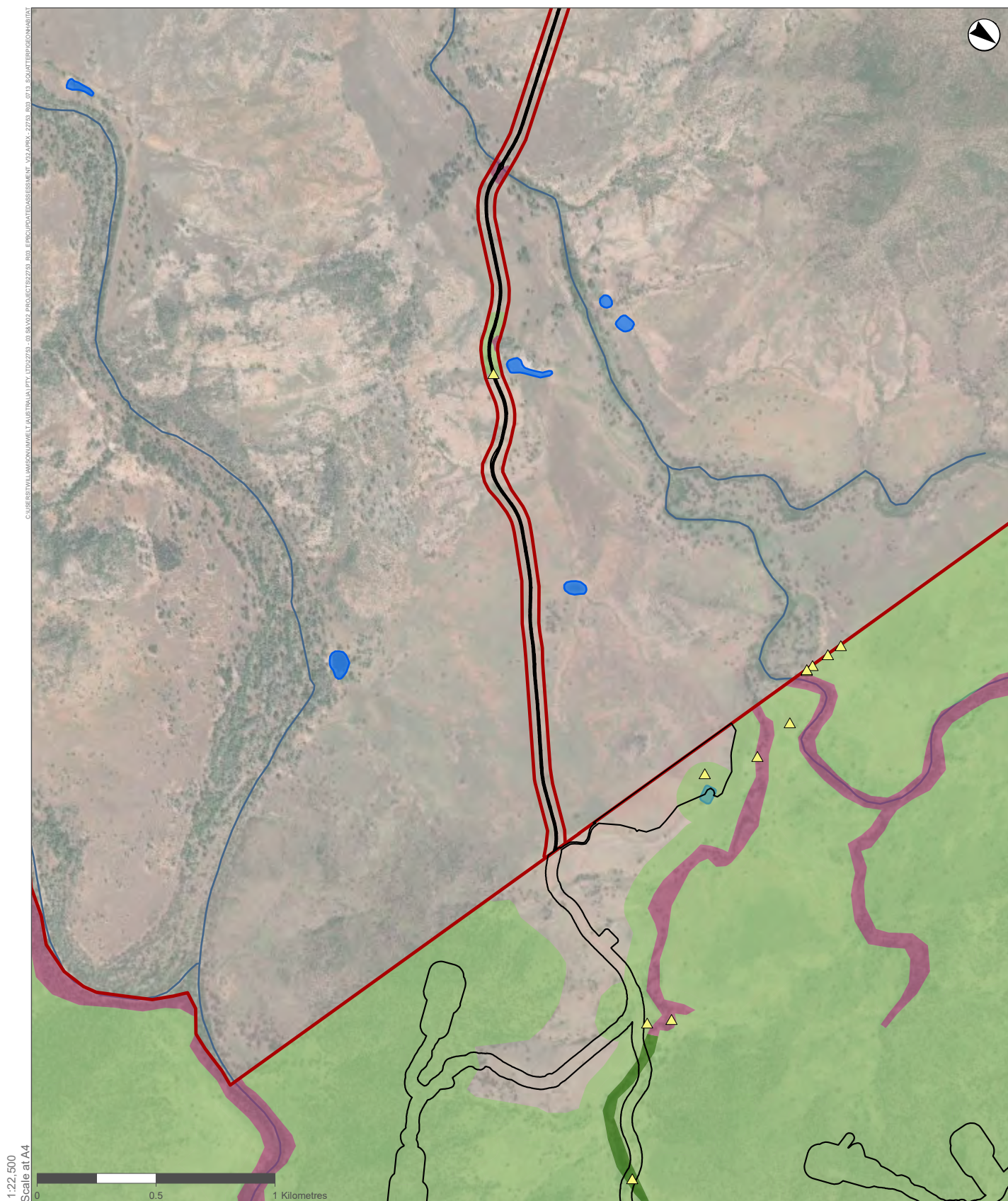


FIGURE 7.13E

**SQUATTER PIGEON (SOUTHERN)
HABITAT**



Legend

- Squatter Pigeon (Southern) Record (ALA)
- △ Squatter Pigeon (Southern) Record (Umwelt)
- Suitable Watercourses
- ▭ Disturbance Footprint
- ▭ Study Area
- Reservoirs (DoR)
- Squatter Pigeon (Southern) Habitat**
 - Breeding
 - Dispersal
 - Foraging

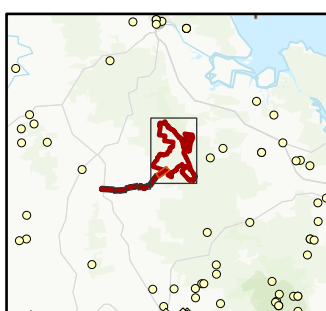
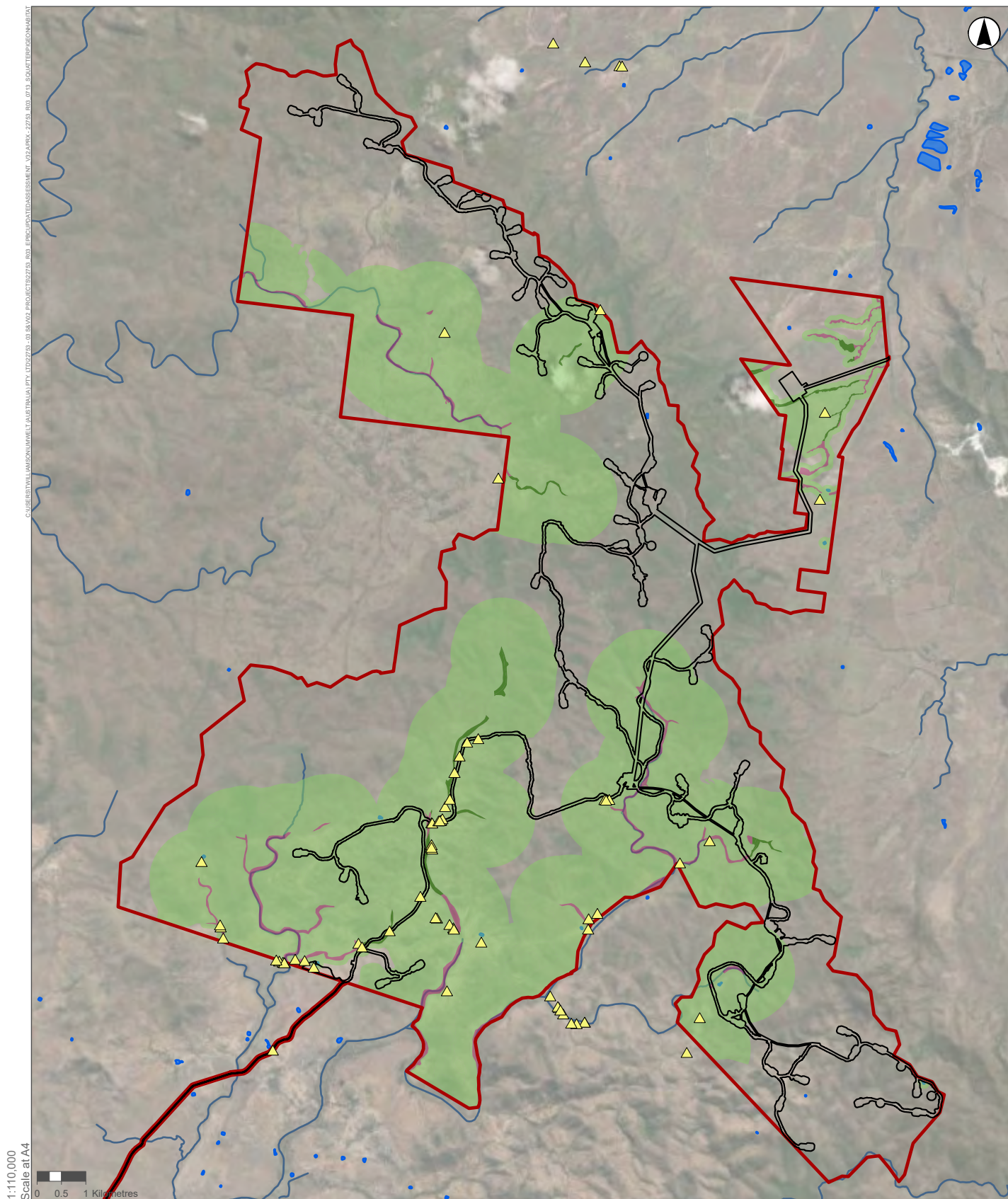


FIGURE 7.13F

**SQUATTER PIGEON (SOUTHERN)
HABITAT**



Legend

- Squatter Pigeon (Southern) Record (ALA)
- △ Squatter Pigeon (Southern) Record (Umwelt)
- Suitable Watercourses
- ▬ Disturbance Footprint
- ▭ Study Area
- Reservoirs (DoR)
- Squatter Pigeon (Southern) Habitat**
 - Breeding
 - Dispersal
 - Foraging

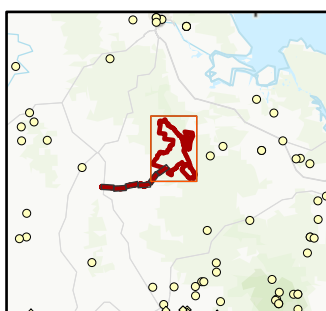


FIGURE 7.13G

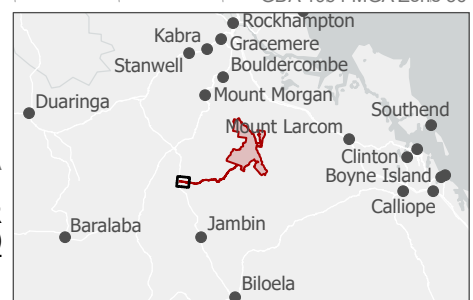
**SQUATTER PIGEON (SOUTHERN)
HABITAT**



Legend

- Disturbance Footprint
- Study Area

FIGURE 7.14A
YELLOW-BELLIED GLIDER
(SOUTH-EASTERN)
HABITAT





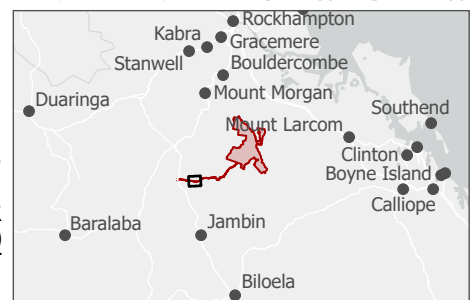
Legend

- Disturbance Footprint
- Study Area

Potential Yellow-bellied Glider Habitat

- Foraging and dispersal

FIGURE 7.14B
YELLOW-BELLIED GLIDER
(SOUTH-EASTERN)
HABITAT





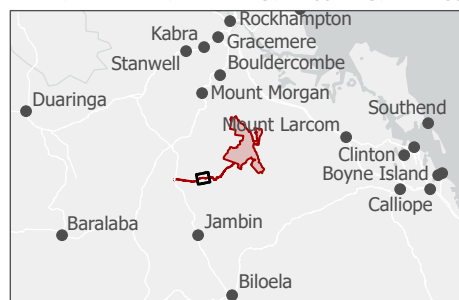
Legend

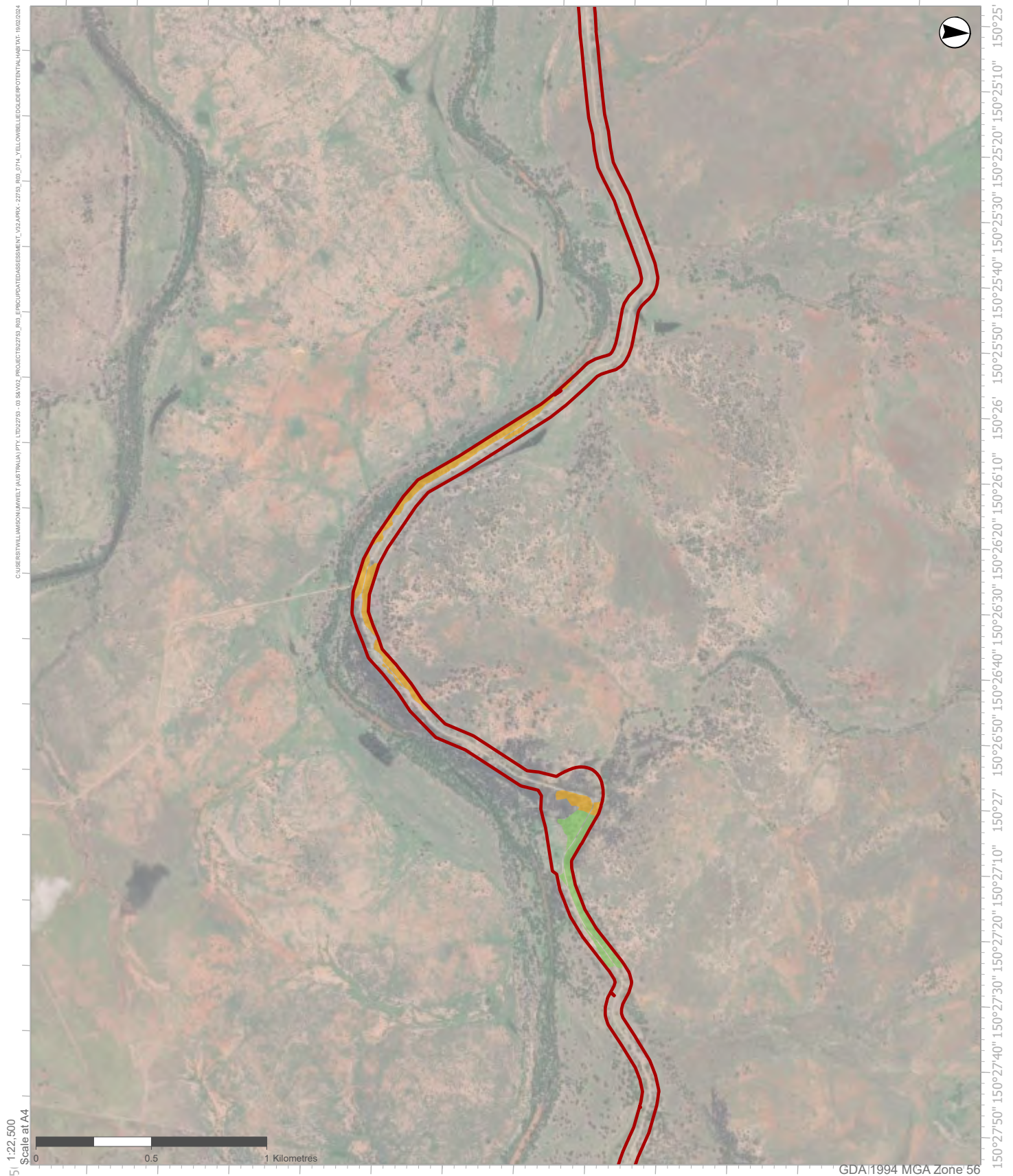
- Disturbance Footprint
- Study Area

Potential Yellow-bellied Glider Habitat

- Foraging and dispersal

FIGURE 7.14C
YELLOW-BELLIED GLIDER
(SOUTH-EASTERN)
HABITAT





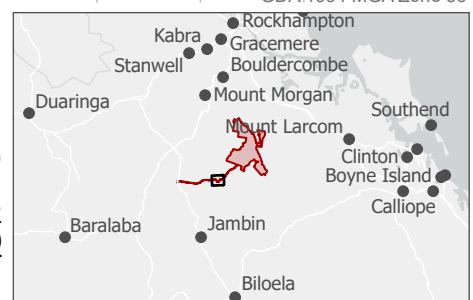
Legend

- Disturbance Footprint
- Study Area

Potential Yellow-bellied Glider Habitat

- Breeding and denning
- Foraging and dispersal

FIGURE 7.14D
YELLOW-BELLIED GLIDER
(SOUTH-EASTERN)
HABITAT

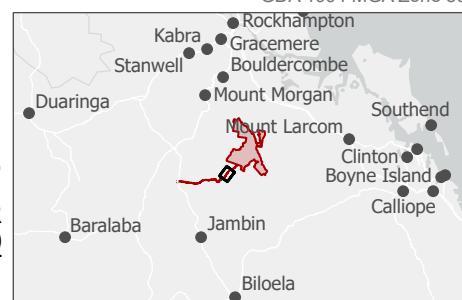


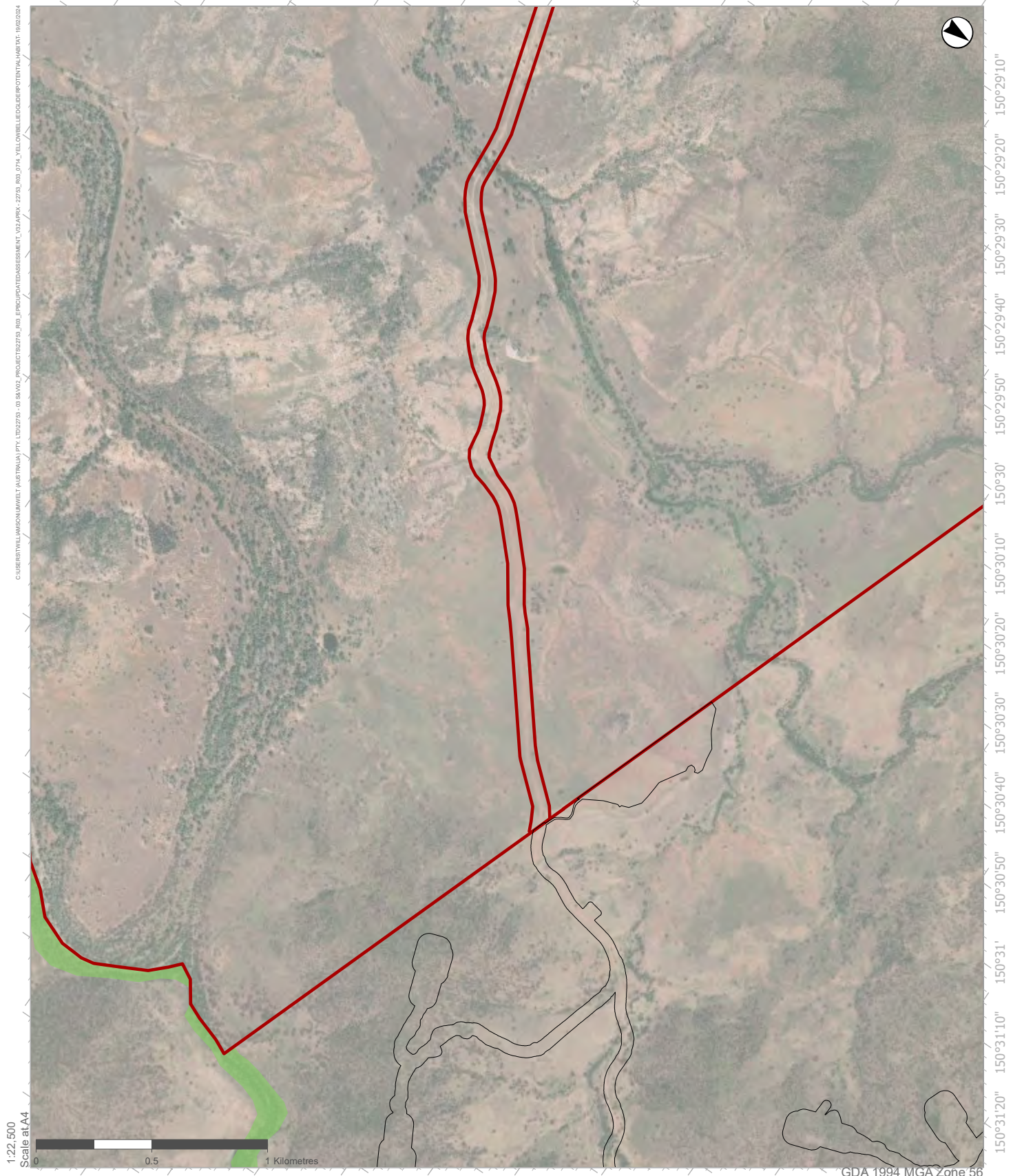


Legend

- Disturbance Footprint
- Study Area

FIGURE 7.14E
YELLOW-BELLIED GLIDER
(SOUTH-EASTERN)
HABITAT





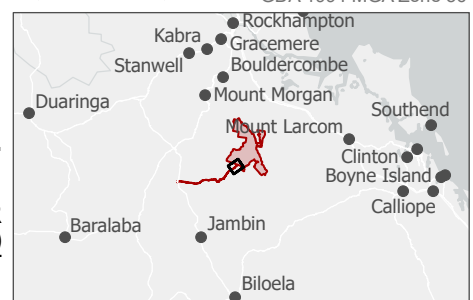
Legend

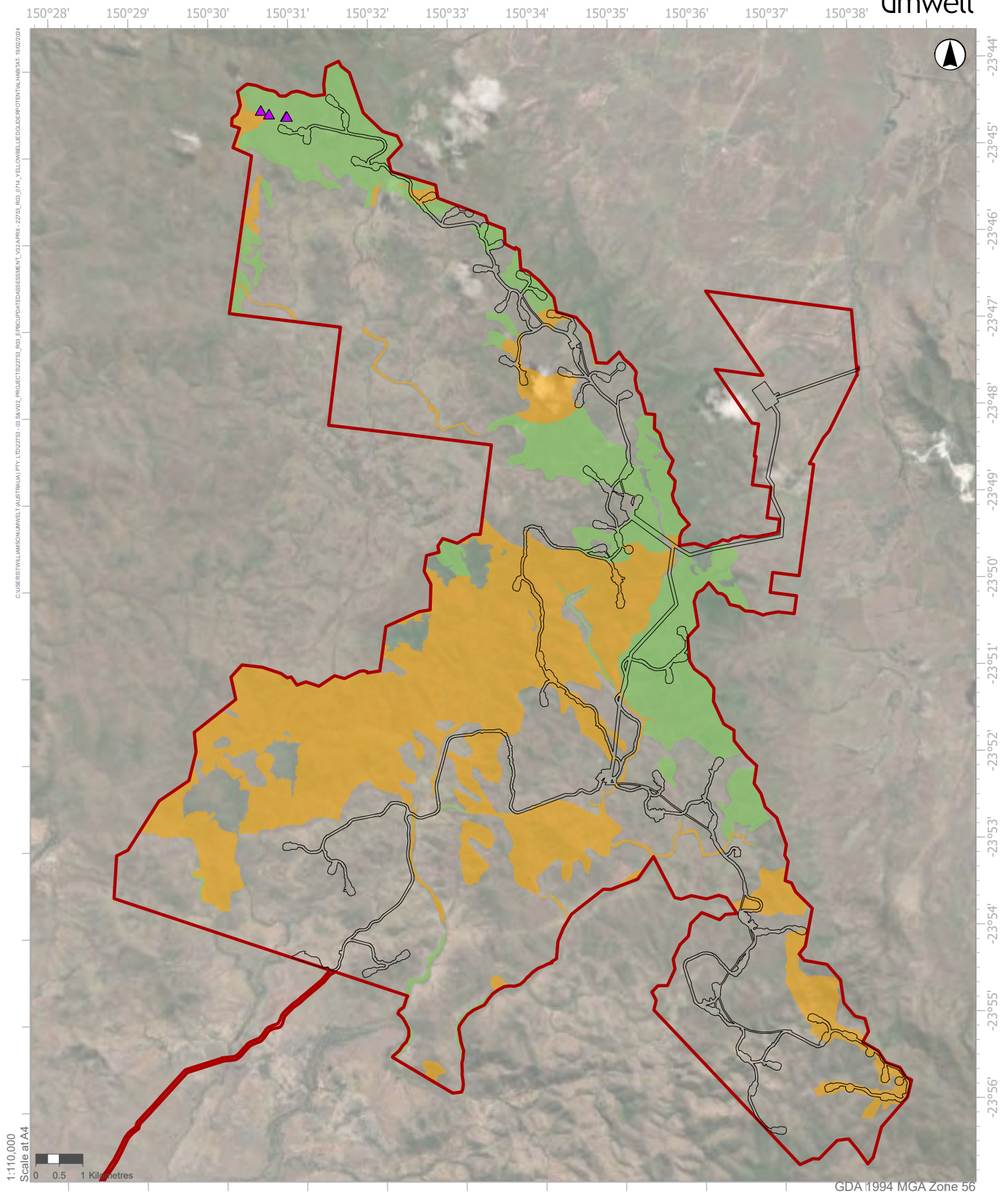
- Disturbance Footprint
- Study Area

Potential Yellow-bellied Glider Habitat

- Breeding and denning

FIGURE 7.14F
YELLOW-BELLIED GLIDER
(SOUTH-EASTERN)
HABITAT





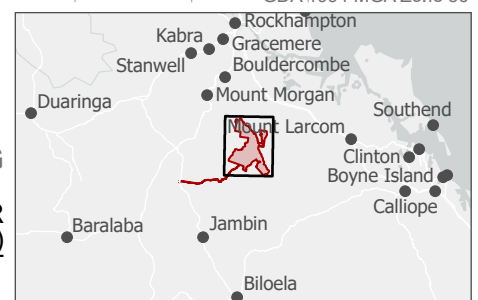
Legend

- Disturbance Footprint
- Study Area
- Yellow-bellied Glider (south-eastern) Record (Umwelt)

Potential Yellow-bellied Glider Habitat

- Breeding and denning
- Foraging and dispersal

FIGURE 7.14G
YELLOW-BELLIED GLIDER
(SOUTH-EASTERN)
HABITAT





1:31,000
Scale at A4

GDA 1994 MGA Zone 56

Legend

- Fork-tailed Swift Record (ALA)
- Disturbance Footprint
- Study Area
- Potential Fork-tailed Swift Habitat**
- Foraging and dispersal (exclusively aerial species) (Important Habitat)

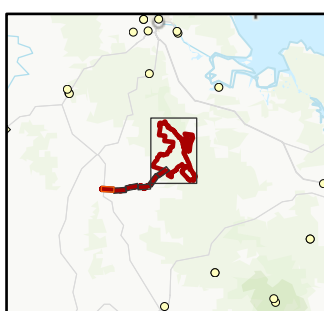


FIGURE 7.15A

FORK-TAILED SWIFT POTENTIAL HABITAT



Legend

- Fork-tailed Swift Record (ALA)
- Disturbance Footprint
- Study Area
- Potential Fork-tailed Swift Habitat**
- Foraging and dispersal (exclusively aerial species) (Important Habitat)

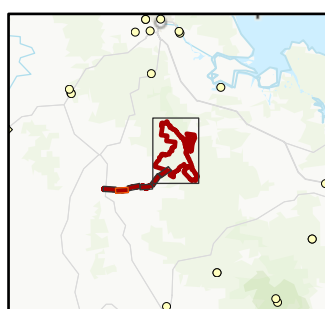


FIGURE 7.15B

FORK-TAILED SWIFT POTENTIAL HABITAT



Legend

- Fork-tailed Swift Record (ALA)
- Disturbance Footprint
- Study Area
- Potential Fork-tailed Swift Habitat**
- Foraging and dispersal (exclusively aerial species) (Important Habitat)

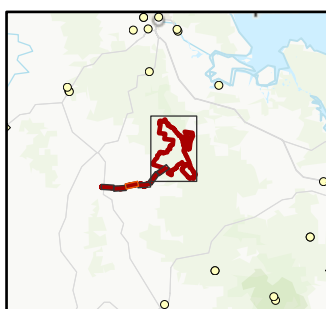
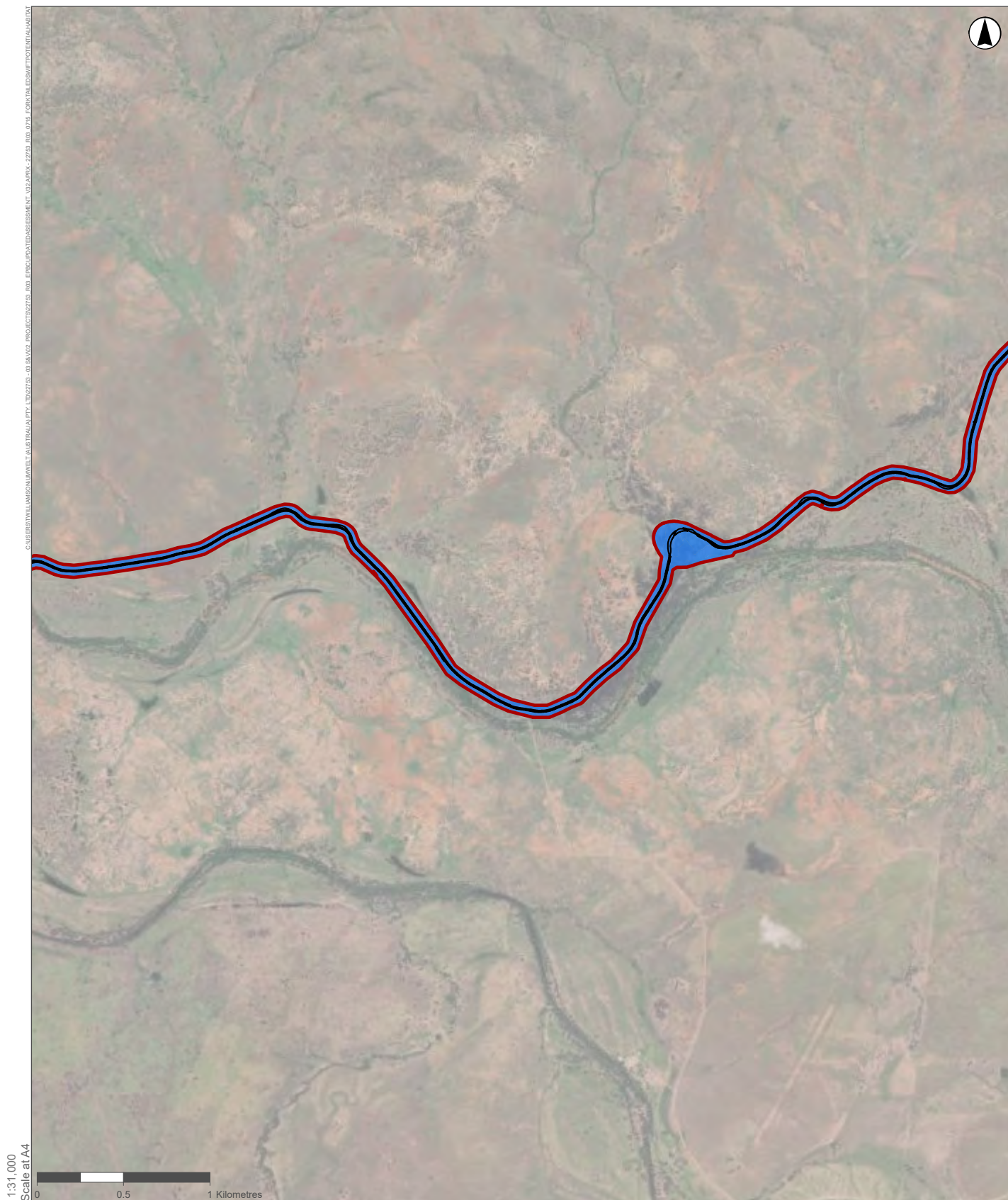


FIGURE 7.15C

FORK-TAILED SWIFT POTENTIAL HABITAT



Legend

- Fork-tailed Swift Record (ALA)
- Disturbance Footprint
- ▭ Study Area
- Potential Fork-tailed Swift Habitat**
- Foraging and dispersal (exclusively aerial species) (Important Habitat)

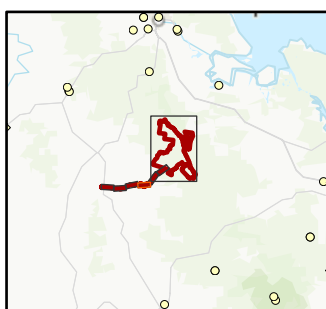


FIGURE 7.15D

FORK-TAILED SWIFT POTENTIAL HABITAT



Legend

- Fork-tailed Swift Record (ALA)
- Disturbance Footprint
- ▭ Study Area
- Potential Fork-tailed Swift Habitat**
- Foraging and dispersal (exclusively aerial species) (Important Habitat)

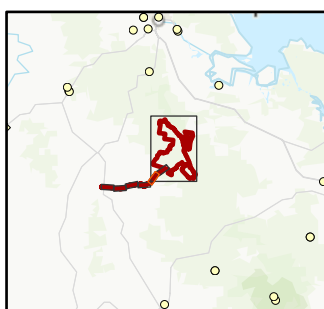
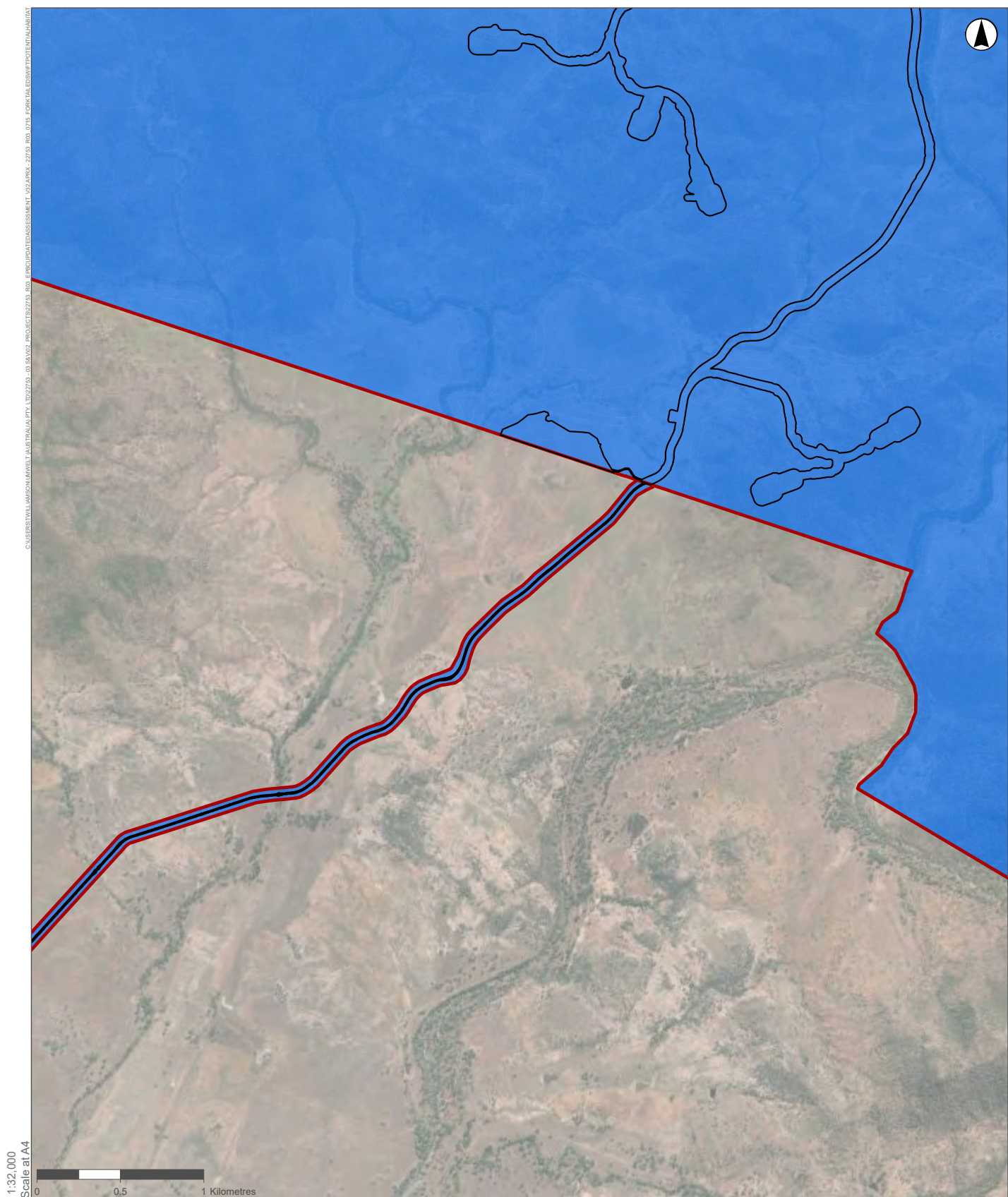


FIGURE 7.15E

FORK-TAILED SWIFT POTENTIAL HABITAT



Legend

- Fork-tailed Swift Record (ALA)
- Disturbance Footprint
- ▭ Study Area
- Potential Fork-tailed Swift Habitat**
 - Foraging and dispersal (exclusively aerial species) (Important Habitat)

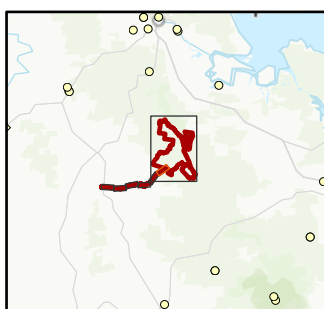
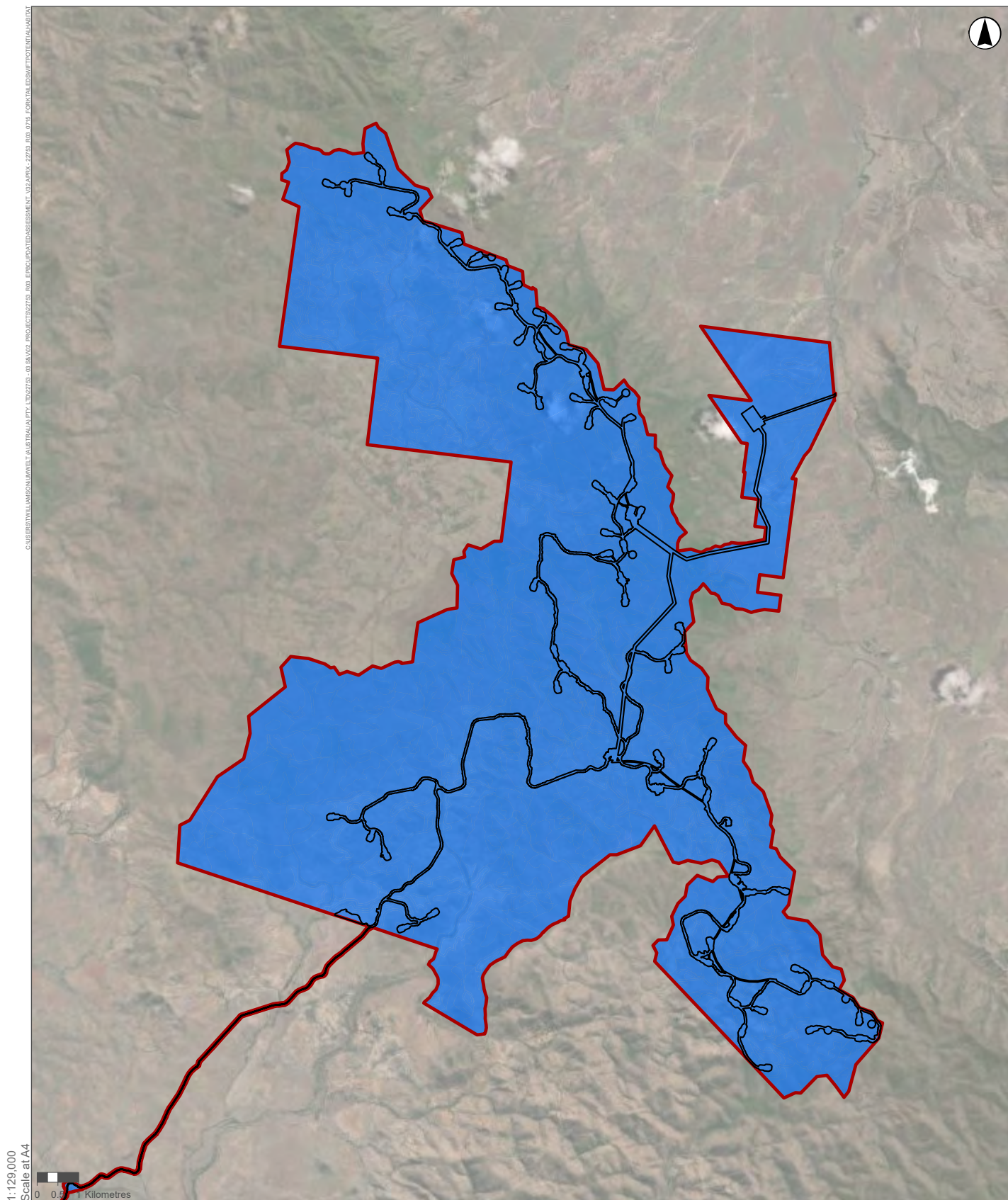


FIGURE 7.15F

FORK-TAILED SWIFT POTENTIAL HABITAT



GDA 1994 MGA Zone 56

Legend

- Fork-tailed Swift Record (ALA)
- Disturbance Footprint
- ▭ Study Area
- Potential Fork-tailed Swift Habitat**
- Foraging and dispersal (exclusively aerial species) (Important Habitat)

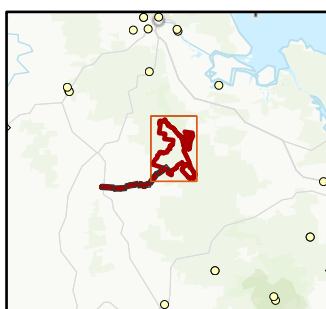


FIGURE 7.15G

FORK-TAILED SWIFT POTENTIAL HABITAT



Legend

- Oriental Cuckoo Record (ALA)
 - Disturbance Footprint
 - Study Area
- Potential Oriental Cuckoo Habitat**
- Foraging and dispersal

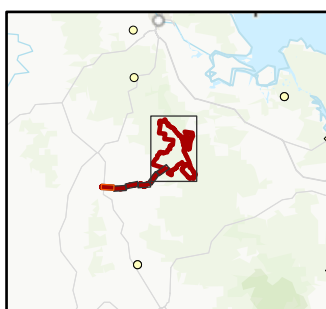


FIGURE 7.16A
ORIENTAL CUCKOO POTENTIAL HABITAT



Legend

- Oriental Cuckoo Record (ALA)
- Disturbance Footprint
- Study Area
- Potential Oriental Cuckoo Habitat**
- Foraging and dispersal

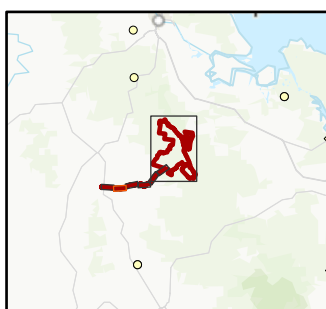


FIGURE 7.16B
ORIENTAL CUCKOO POTENTIAL
HABITAT



Legend

- Oriental Cuckoo Record (ALA)
- Disturbance Footprint
- Study Area
- Potential Oriental Cuckoo Habitat**
- Foraging and dispersal

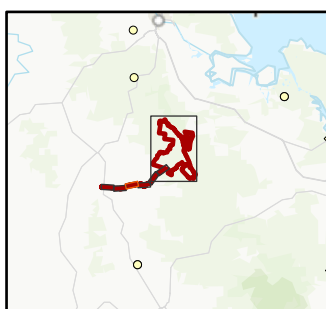


FIGURE 7.16C
ORIENTAL CUCKOO POTENTIAL
HABITAT



GDA 1994 MGA Zone 56

Legend

- Oriental Cuckoo Record (ALA)
- Disturbance Footprint
- Study Area
- Potential Oriental Cuckoo Habitat**
- Foraging and dispersal

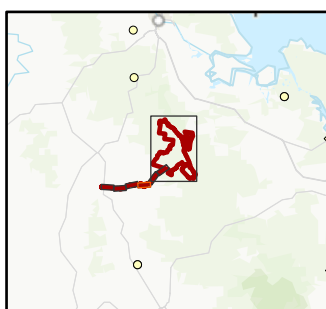
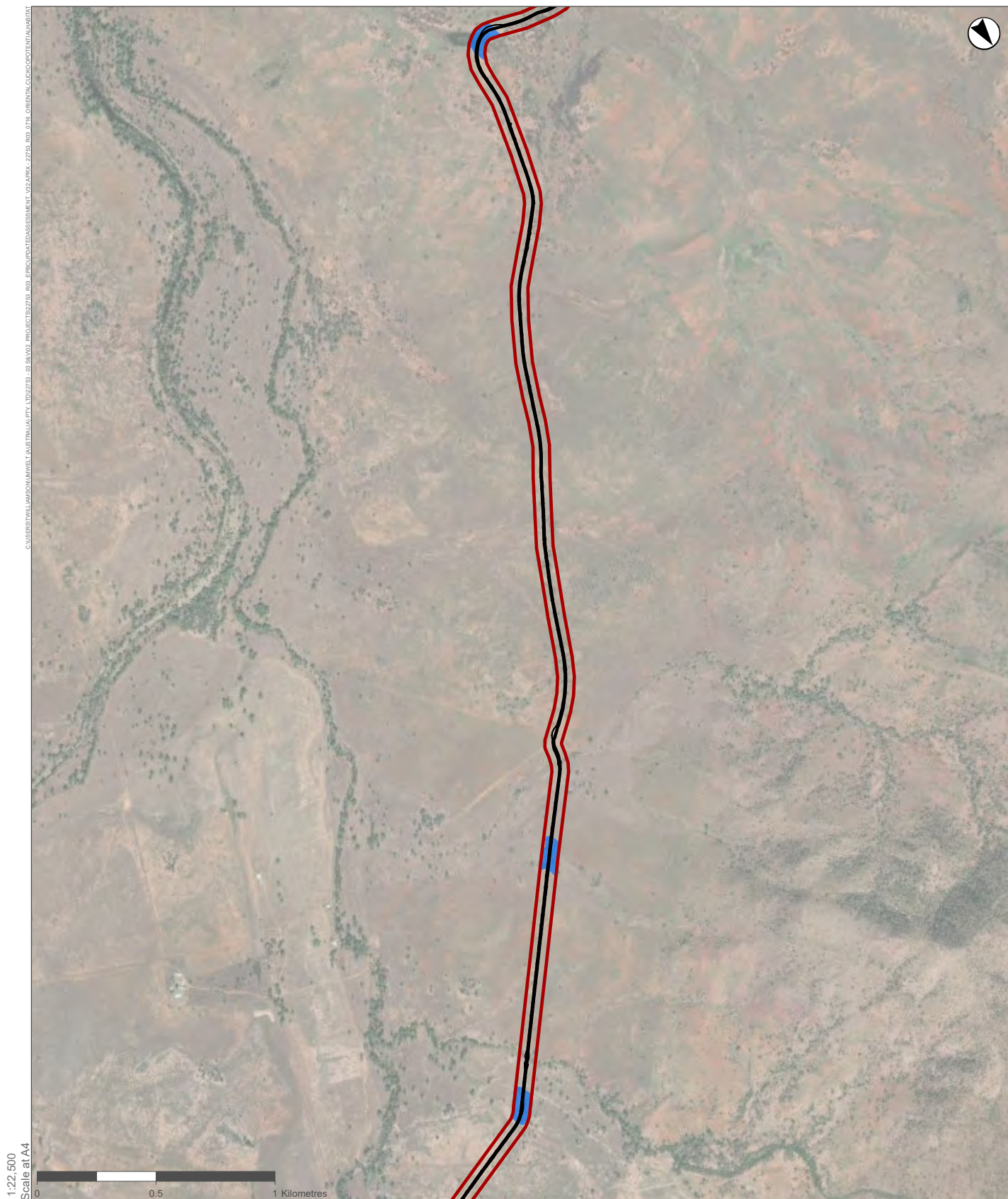


FIGURE 7.16D
ORIENTAL CUCKOO POTENTIAL
HABITAT



Legend

- Oriental Cuckoo Record (ALA)
- Disturbance Footprint
- ▭ Study Area
- Potential Oriental Cuckoo Habitat**
- ▭ Foraging and dispersal

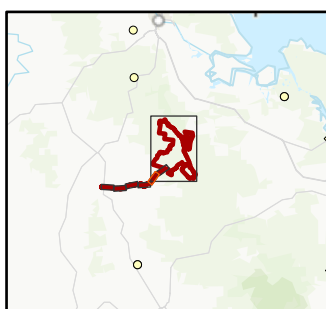


FIGURE 7.16E

ORIENTAL CUCKOO POTENTIAL HABITAT



Legend

- Oriental Cuckoo Record (ALA)
 - Disturbance Footprint
 - ▭ Study Area
- Potential Oriental Cuckoo Habitat**
- Foraging and dispersal

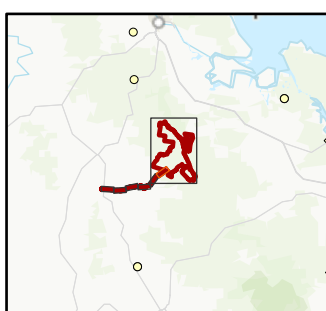
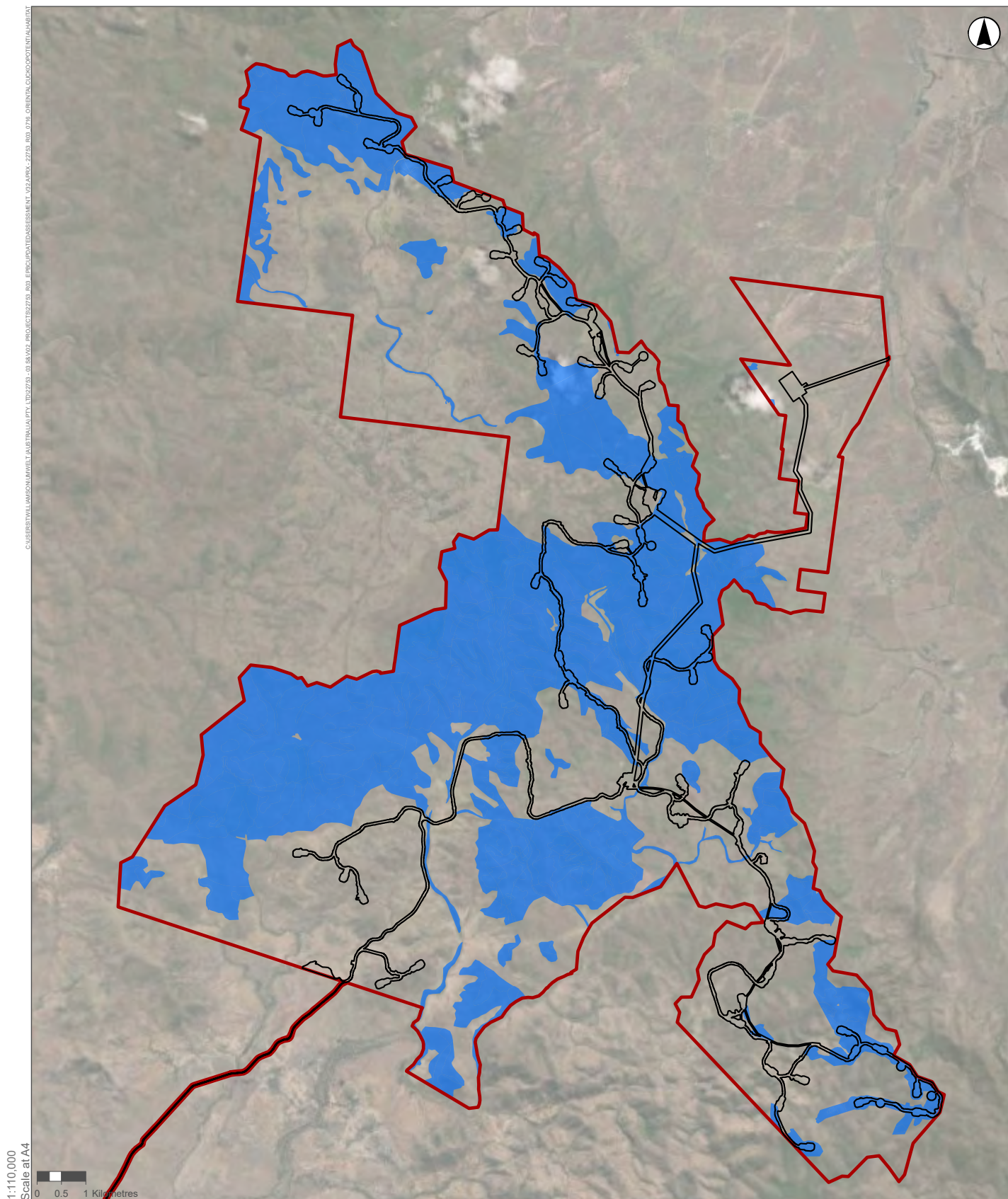


FIGURE 7.16F

ORIENTAL CUCKOO POTENTIAL HABITAT



Legend

- Oriental Cuckoo Record (ALA)
- ▬ Disturbance Footprint
- ▬ Study Area
- Potential Oriental Cuckoo Habitat**
- Foraging and dispersal

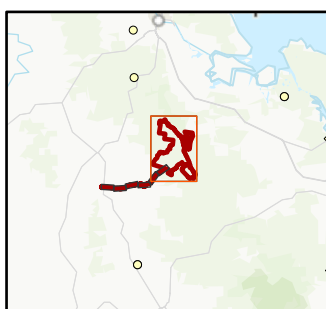


FIGURE 7.16G

ORIENTAL CUCKOO POTENTIAL HABITAT



Legend

- Satin Flycatcher Record (ALA)
- Disturbance Footprint
- ▭ Study Area
- Potential Satin Flycatcher Habitat**
- Foraging and dispersal (Important Habitat)

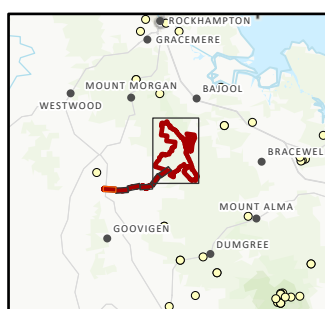


FIGURE 7.17A
SATIN FLYCATCHER POTENTIAL HABITAT



Legend

- Satin Flycatcher Record (ALA)
- Disturbance Footprint
- ▭ Study Area
- Potential Satin Flycatcher Habitat**
- Foraging and dispersal (Important Habitat)

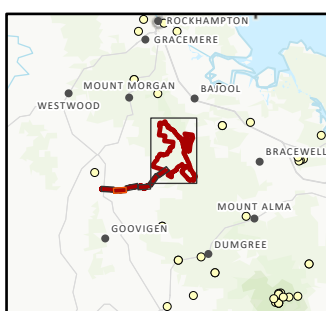


FIGURE 7.17B
SATIN FLYCATCHER POTENTIAL HABITAT



Legend

- Satin Flycatcher Record (ALA)
- ▭ Disturbance Footprint
- ▭ Study Area
- Potential Satin Flycatcher Habitat**
- ▭ Foraging and dispersal (Important Habitat)

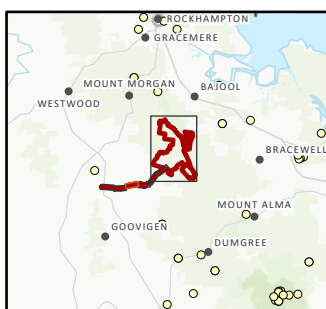


FIGURE 7.17C
SATIN FLYCATCHER POTENTIAL HABITAT



Legend

- Satin Flycatcher Record (ALA)
- Disturbance Footprint
- ▭ Study Area
- Potential Satin Flycatcher Habitat**
- Foraging and dispersal (Important Habitat)

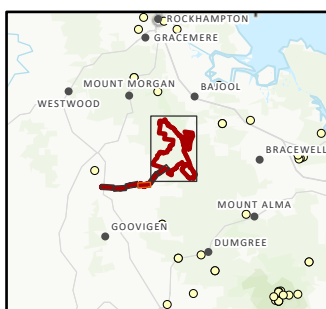
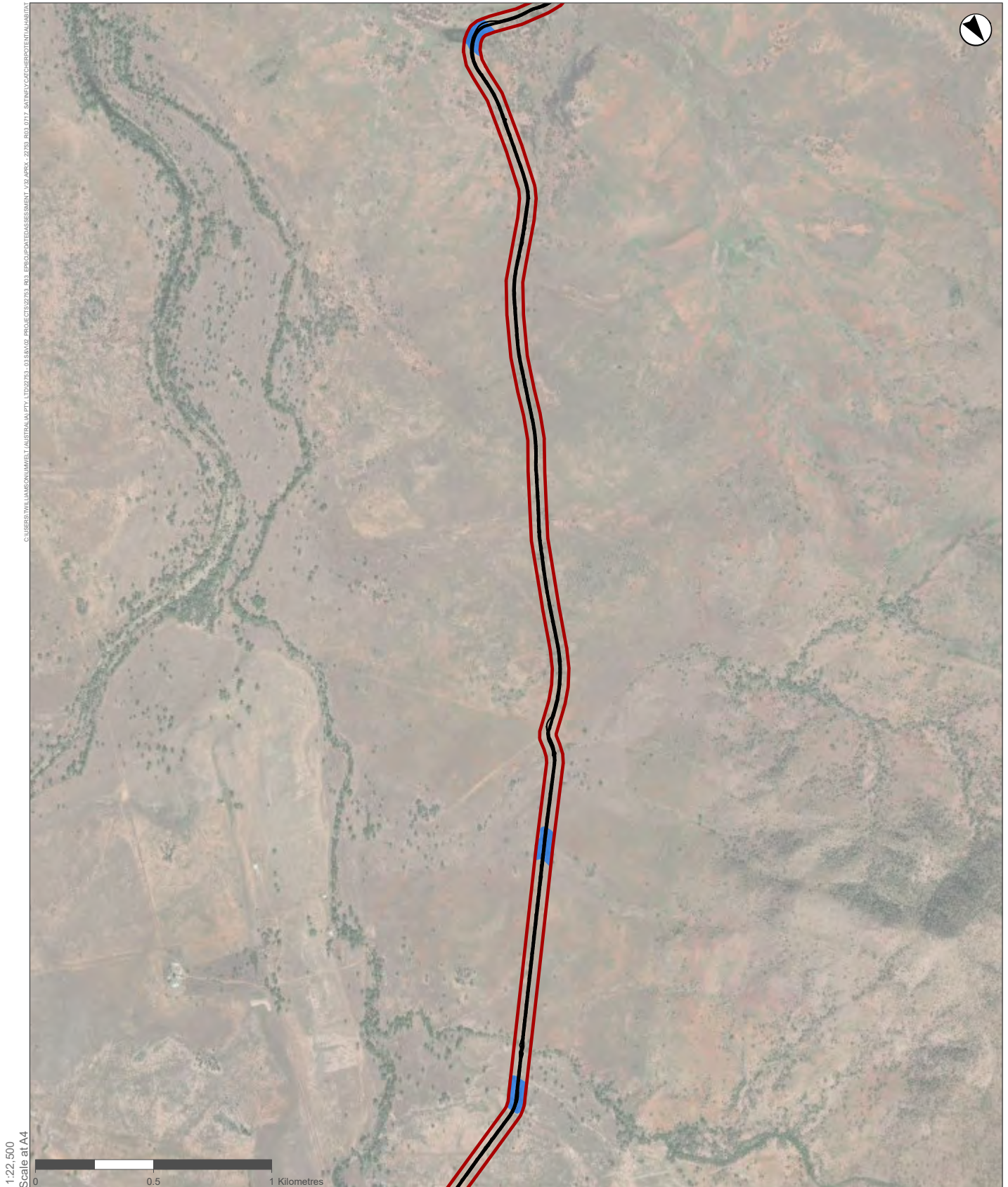


FIGURE 7.17D
SATIN FLYCATCHER POTENTIAL HABITAT



Legend

- Satin Flycatcher Record (ALA)
- ▭ Disturbance Footprint
- ▭ Study Area
- Potential Satin Flycatcher Habitat**
- ▭ Foraging and dispersal (Important Habitat)

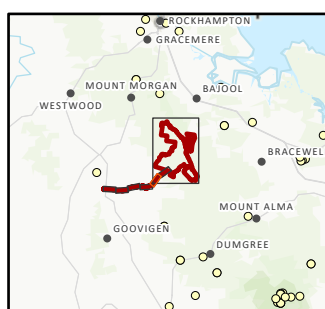


FIGURE 7.17E
SATIN FLYCATCHER POTENTIAL HABITAT



Legend

- Satin Flycatcher Record (ALA)
- Disturbance Footprint
- ▭ Study Area
- Potential Satin Flycatcher Habitat**
- Foraging and dispersal (Important Habitat)

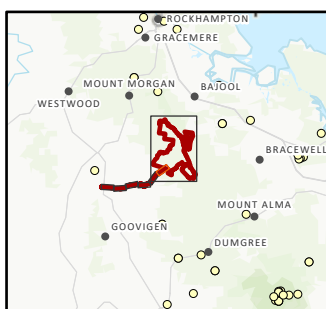
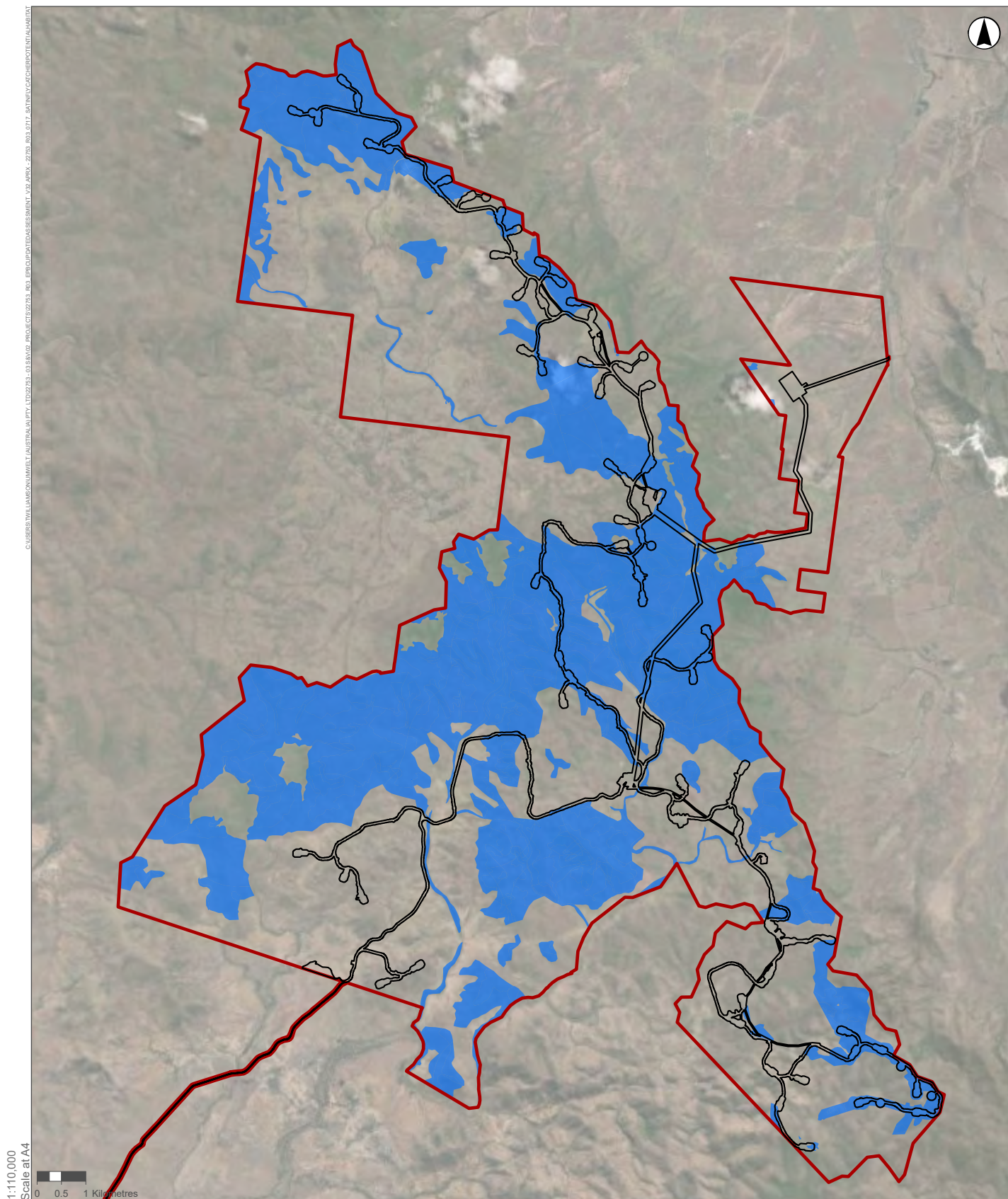


FIGURE 7.17F
SATIN FLYCATCHER POTENTIAL HABITAT



Legend

- Satin Flycatcher Record (ALA)
- ▭ Disturbance Footprint
- ▭ Study Area
- Potential Satin Flycatcher Habitat**
- Foraging and dispersal (Important Habitat)

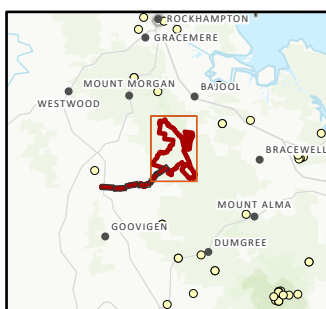
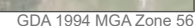


FIGURE 7.17G

SATIN FLYCATCHER POTENTIAL HABITAT



 Rufous Fantail Habitat

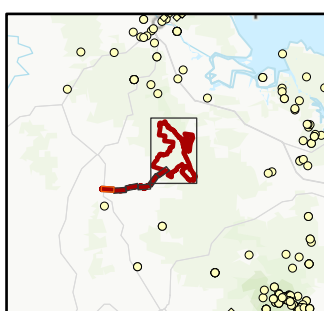


Image Source: ESRI Basemap (2022) **Data source:** Department of Resources (2022)



Legend

- Rufous Fantail Record (Umwelt)
- Rufous Fantail Record (ALA)
- Disturbance Footprint
- Study Area
- Rufous Fantail Habitat**
- Rufous Fantail Habitat

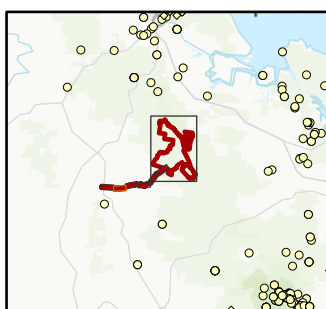


FIGURE 7.18B
RUFIOUS FANTAIL HABITAT



Legend

- ▲ Rufous Fantail Record (Umwelt)
- Rufous Fantail Record (ALA)
- Disturbance Footprint
- Study Area
- Rufous Fantail Habitat**
- Rufous Fantail Habitat

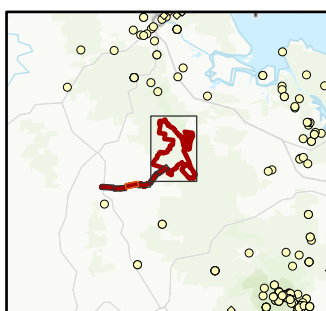


FIGURE 7.18C
RUFIOUS FANTAIL HABITAT



Legend

- ▲ Rufous Fantail Record (Umwelt)
- Rufous Fantail Record (ALA)
- Disturbance Footprint
- Study Area
- Rufous Fantail Habitat**
- Rufous Fantail Habitat

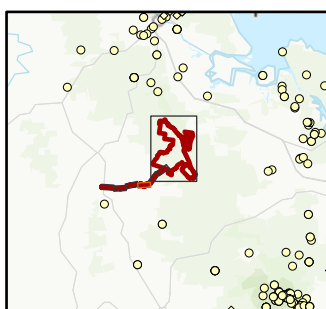
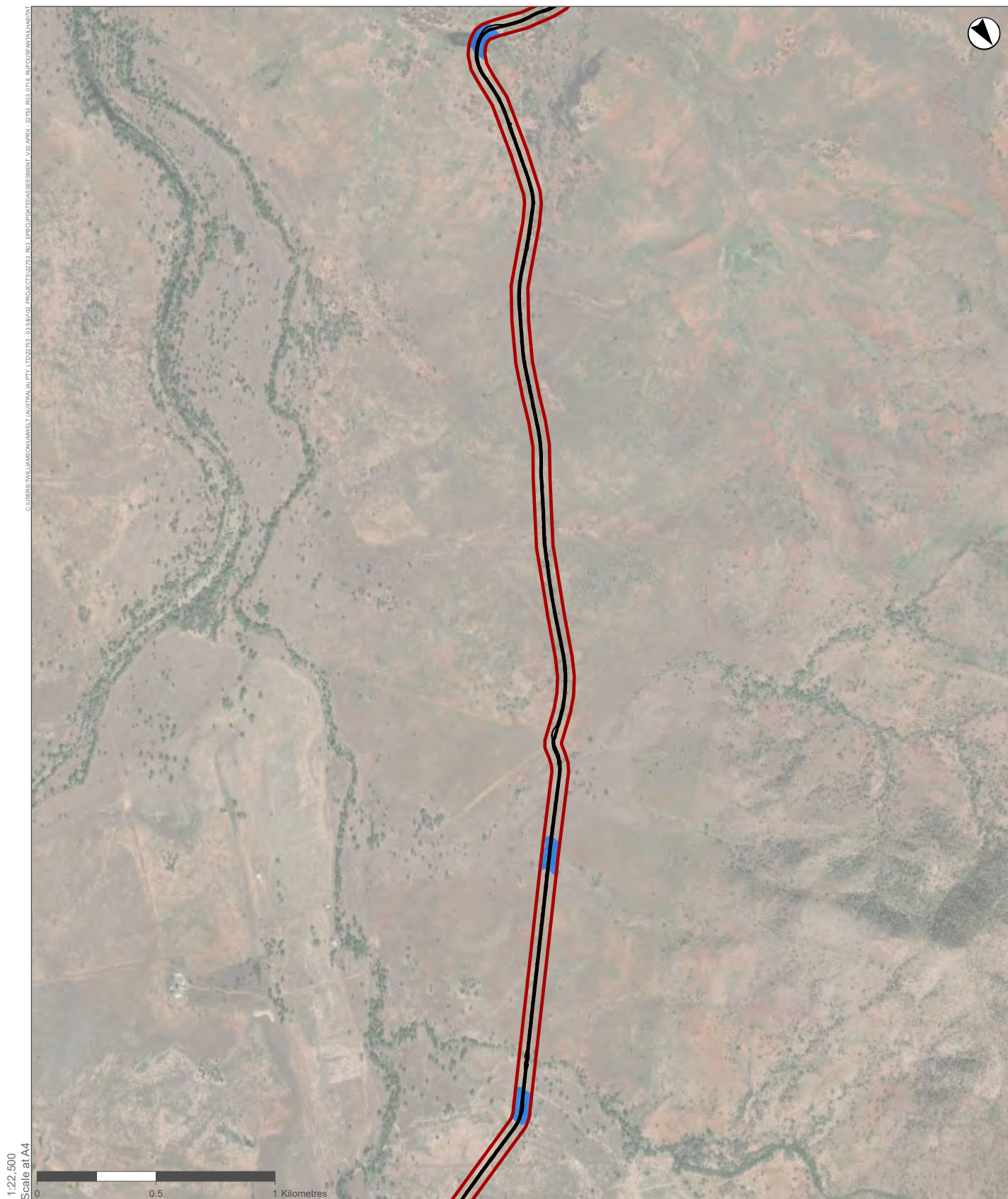


FIGURE 7.18D
RUFIOUS FANTAIL HABITAT



GDA 1994 MGA Zone 56

Legend

- ▲ Rufous Fantail Record (Umwelt)
- Rufous Fantail Record (ALA)
- Disturbance Footprint
- Study Area
- Rufous Fantail Habitat**
- Rufous Fantail Habitat

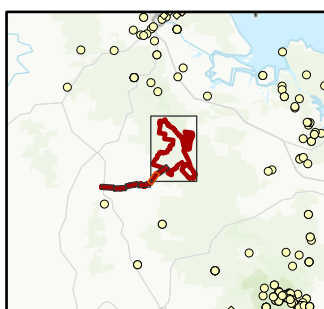


FIGURE 7.18E
RUFIOUS FANTAIL HABITAT



Legend

- ▲ Rufous Fantail Record (Umwelt)
- Rufous Fantail Record (ALA)
- Disturbance Footprint
- Study Area
- Rufous Fantail Habitat**
- Rufous Fantail Habitat

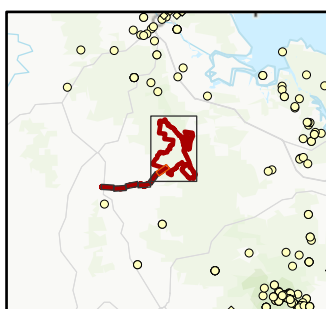
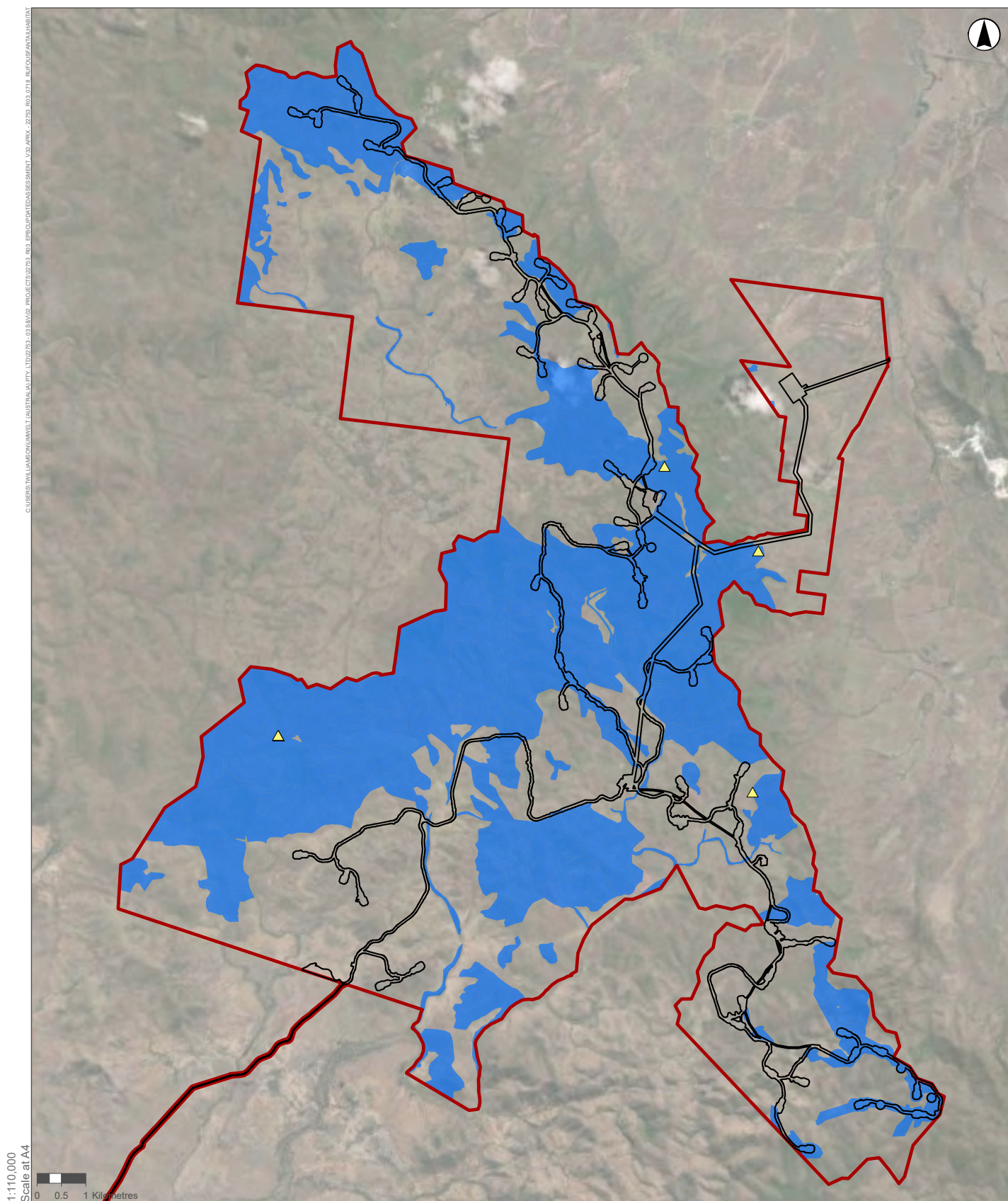


FIGURE 7.18F
RUFIOUS FANTAIL HABITAT



GDA 1994 MGA Zone 56

Legend

- Rufous Fantail Record (Umwelt)
- Rufous Fantail Record (ALA)
- Disturbance Footprint
- Study Area
- Rufous Fantail Habitat**
- Rufous Fantail Habitat

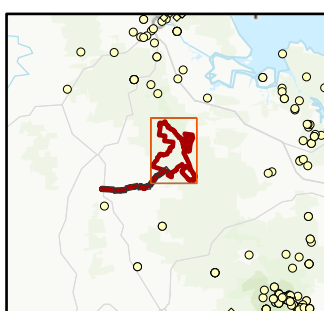
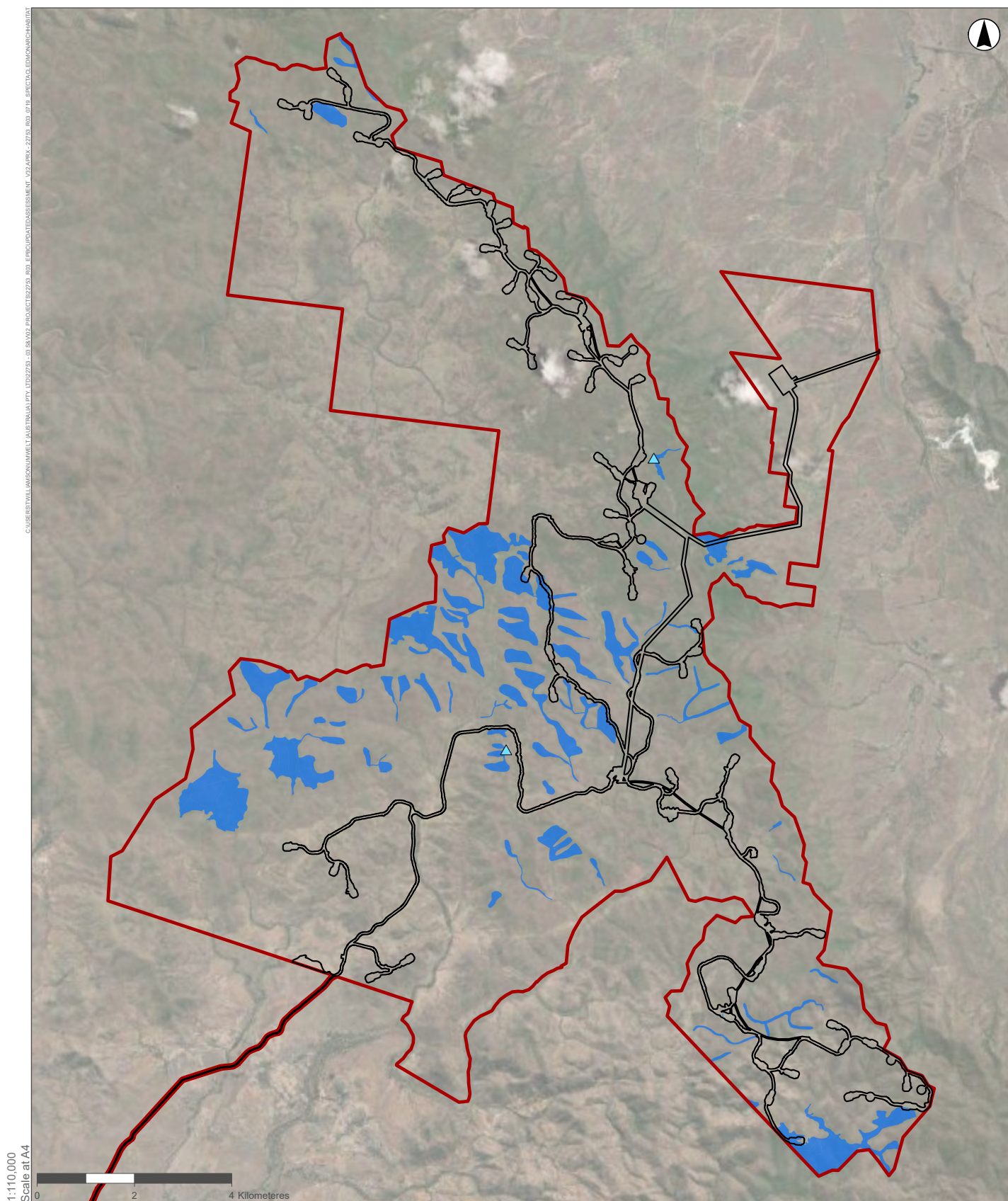


FIGURE 7.18G
RUFIOUS FANTAIL HABITAT



Legend

- Spectacled monarch Record (ALA)
- ▲ Spectacled monarch Record (Umwelt)
- ▭ Disturbance Footprint
- ▭ Study Area
- Spectacled Monarch Habitat**
- Foraging and Dispersal (Important Habitat)

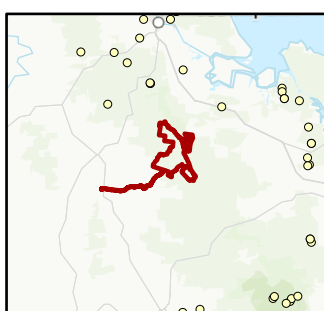
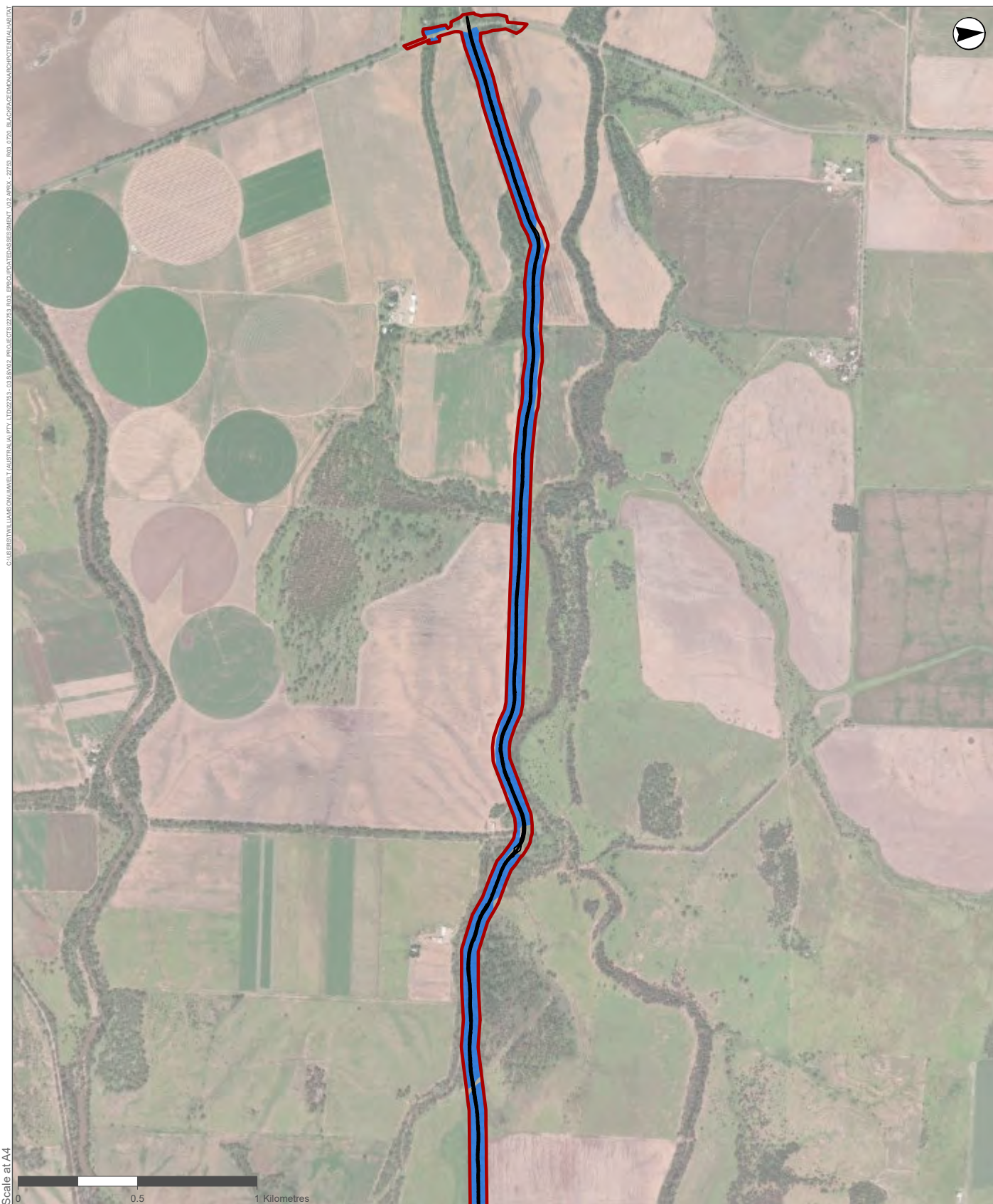


FIGURE 7.19

SPECTACLED MONARCH HABITAT



1:22,500
Scale at A4

GDA 1994 MGA Zone 56

Legend

- Black-faced Monarch Record (ALA)
- Disturbance Footprint
- ▭ Study Area
- Potential Black-faced Monarch Habitat**
- BFMonarch**
- Foraging and dispersal
- Foraging and marginal breeding

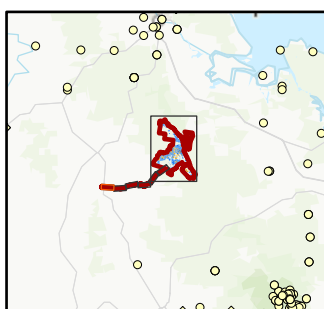


FIGURE 7.20A
BLACK-FACED MONARCH
POTENTIAL HABITAT



1:22,500
Scale at A4

GDA 1994 MGA Zone 56

Legend

- Black-faced Monarch Record (ALA)
- Disturbance Footprint
- ▭ Study Area
- Potential Black-faced Monarch Habitat**
- BFMonarch
- Foraging and dispersal
- Foraging and marginal breeding

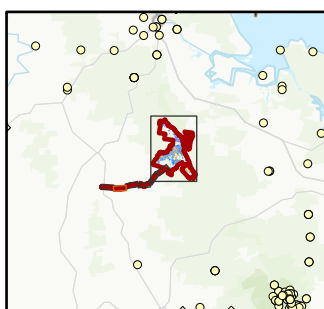


FIGURE 7.20B
BLACK-FACED MONARCH
POTENTIAL HABITAT



Legend

- Black-faced Monarch Record (ALA)
 - Disturbance Footprint
 - ▭ Study Area
- Potential Black-faced Monarch Habitat**
- BFMonarch
- Foraging and dispersal
 - Foraging and marginal breeding

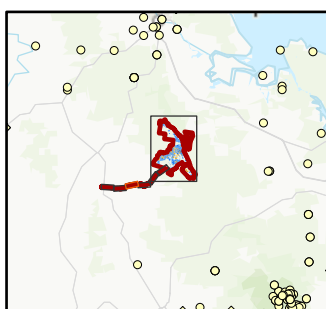


FIGURE 7.20C
BLACK-FACED MONARCH
POTENTIAL HABITAT



GDA 1994 MGA Zone 56

Legend

- Black-faced Monarch Record (ALA)
- Disturbance Footprint
- ▭ Study Area
- Potential Black-faced Monarch Habitat**
- BFMonarch
- Foraging and dispersal
- Foraging and marginal breeding

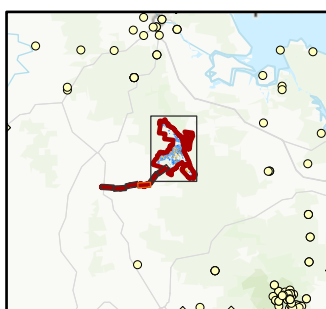
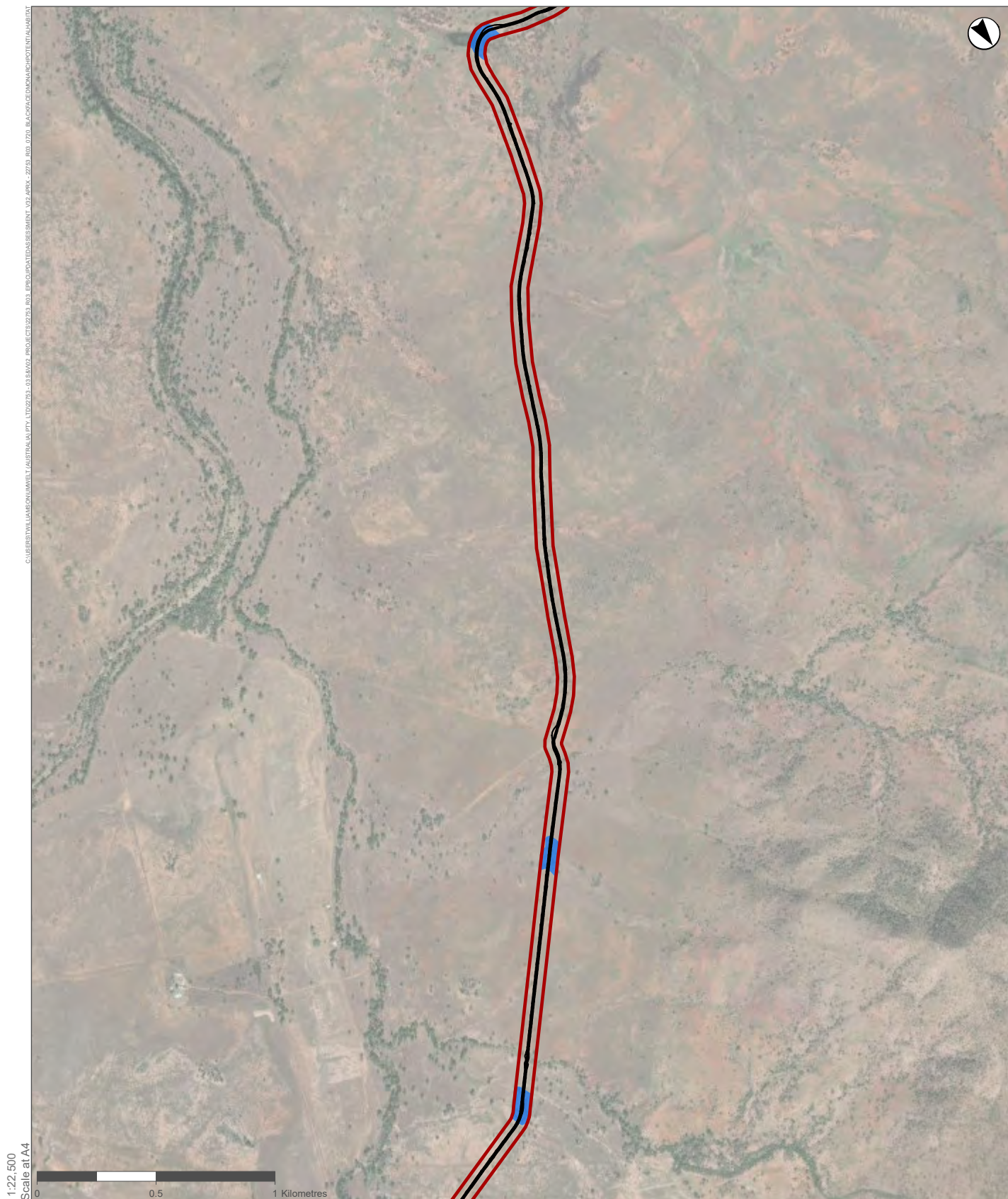


FIGURE 7.20D
BLACK-FACED MONARCH
POTENTIAL HABITAT



Legend

- Black-faced Monarch Record (ALA)
- Disturbance Footprint
- ▭ Study Area
- Potential Black-faced Monarch Habitat**
- BFMonarch
- Foraging and dispersal
- Foraging and marginal breeding

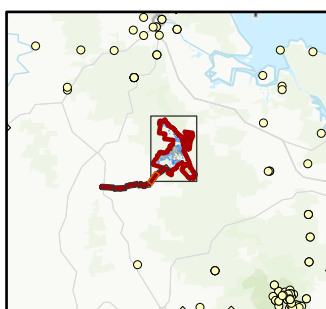


FIGURE 7.20E
BLACK-FACED MONARCH
POTENTIAL HABITAT



Legend

- Black-faced Monarch Record (ALA)
- Disturbance Footprint
- Study Area
- Potential Black-faced Monarch Habitat**
- BFMonarch**
- Foraging and dispersal
- Foraging and marginal breeding

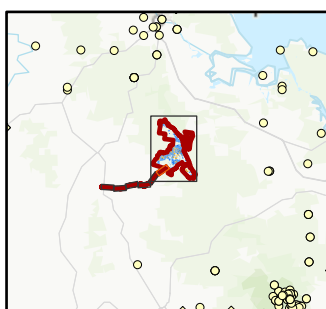
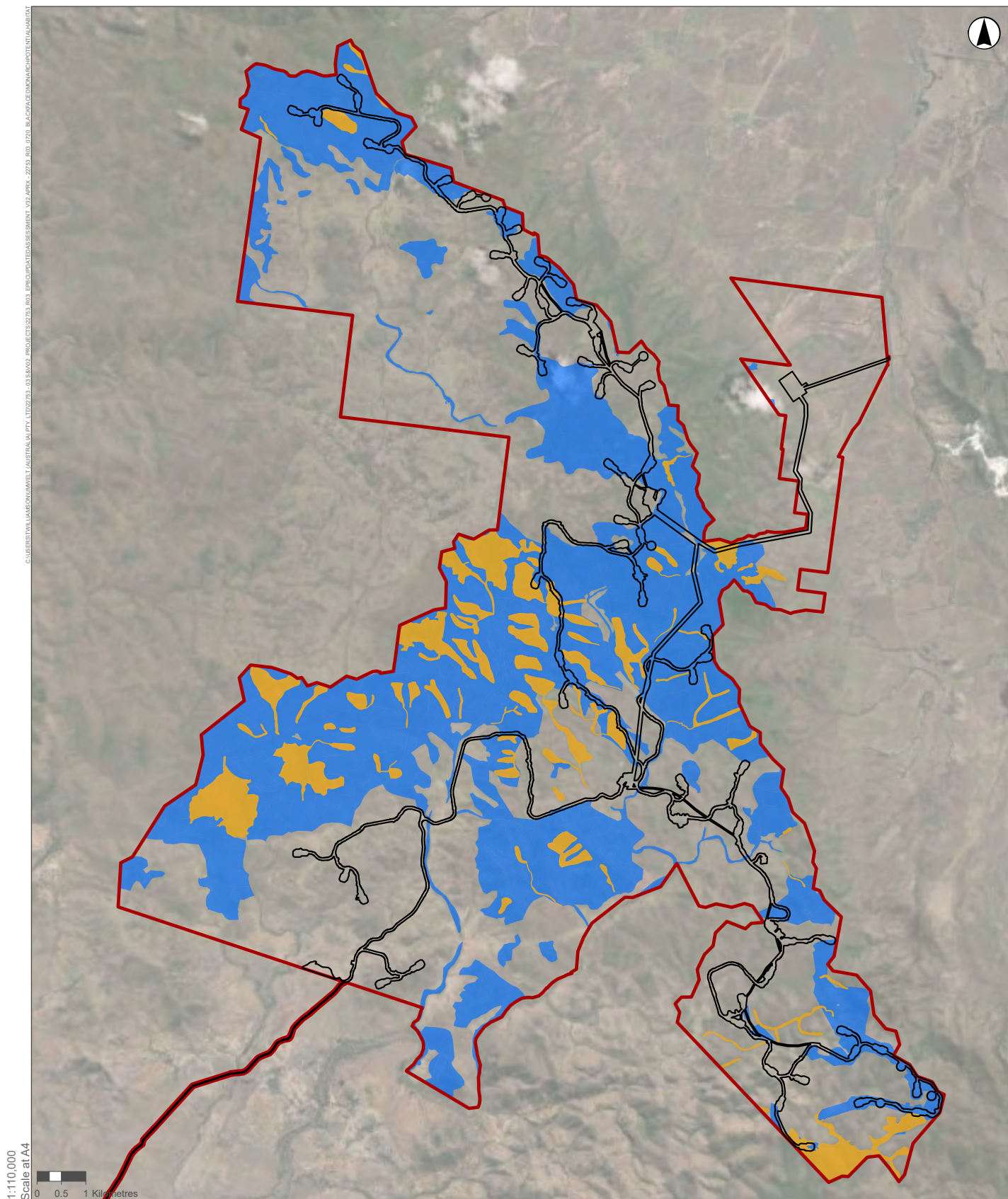


FIGURE 7.20F
BLACK-FACED MONARCH
POTENTIAL HABITAT



Legend

- Black-faced Monarch Record (ALA)
- ▬ Disturbance Footprint
- ▭ Study Area
- Potential Black-faced Monarch Habitat**
- BFMonarch
- Foraging and dispersal
- Foraging and marginal breeding

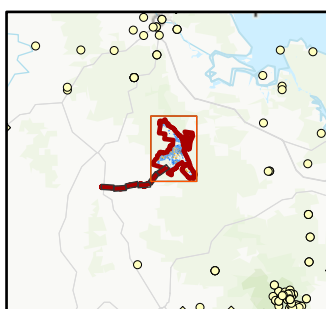


FIGURE 7.20G
BLACK-FACED MONARCH
POTENTIAL HABITAT