



GDA2020 MGA Zone 56



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LEGEND

 Watercourses

 Local Roads

Exploratory Works Project

Project footprint by work area

 Area 3 - Walkers Top

 Area 4 - Borgin

Project area by work area

 Area 3 - Walkers Top

 Area 3 - Walkers Top (Underground)

 Area 4 - Borgin

Survey Areas

 Exploratory Works Survey Area

 Borumba PHES Survey Area

 Brush sophora record

 Brush sophora known habitat

 Brush sophora potential habitat

Data Sources:

- State controlled roads - Queensland © State of Queensland (Department of Transport and Main Roads) 2020
- Site Layout Items @ SMEC, 2022
- Cadastral © State of Queensland (Department of Natural Resources, Mines and Energy) 2022
- Vegetation management regional ecosystem map - version 12.02 © State of Queensland (Department of Resources) 2022-11-07 (publication)
- GTRE / GT TEC/ GT SPECIES @ Umwelt and Attero, 2022
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Exploratory Works Project

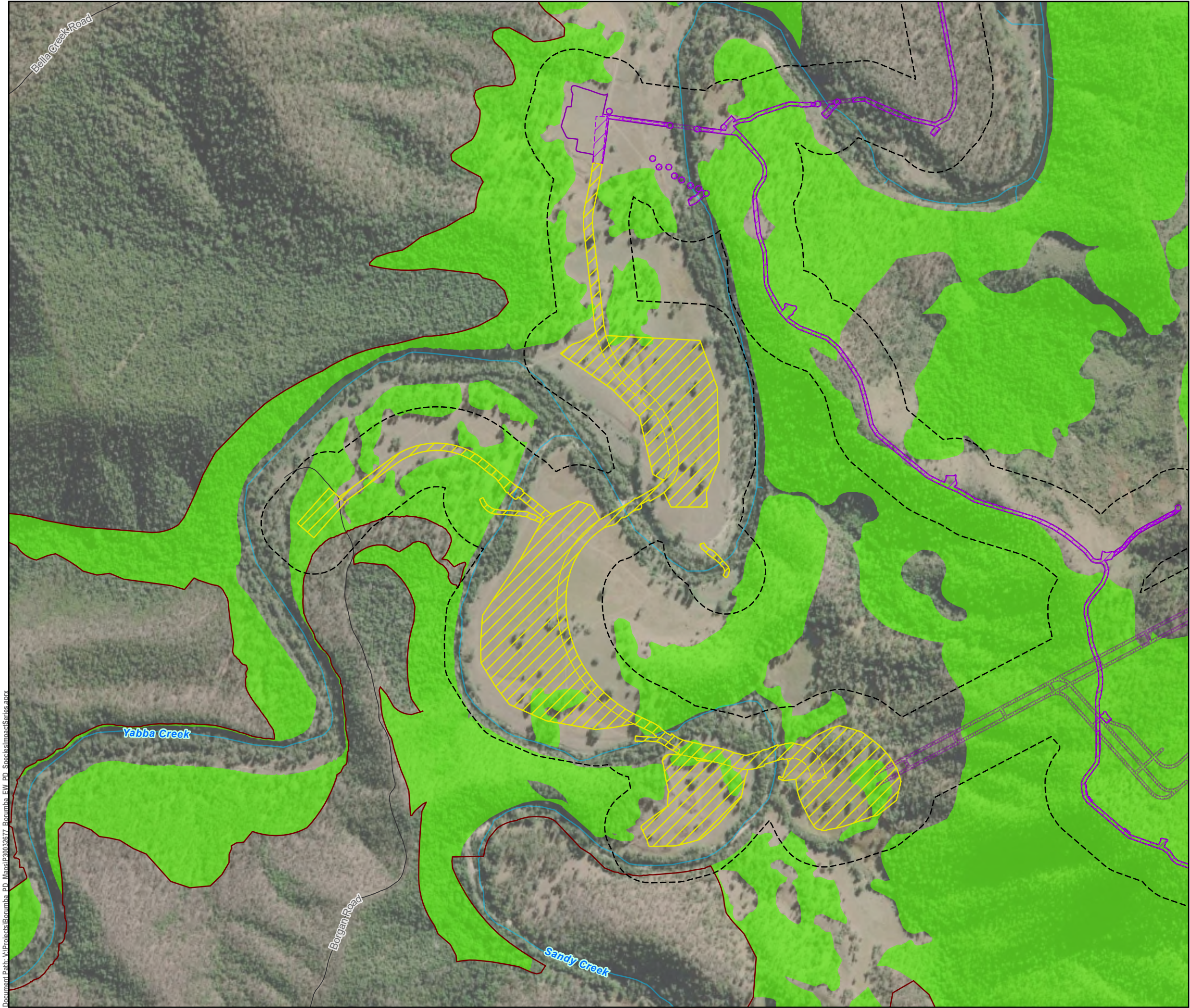
Preliminary Documentation


KNOWN AND POTENTIAL HABITAT FOR BRUSH SOPHORA (SOPHORA FRASER) AND OBSERVATIONS

PROJECT #:	30032677
CREATED BY:	CW
LAST MODIFIED:	NC17428, 17/09/2025
REVISION:	B


Figure

A4 E-1






GDA2020 MGA Zone 56




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LEGEND


 Watercourses

 Local Roads


Exploratory Works Project


Project footprint by work area


 Area 3 - Walkers Top

 Area 4 - Borgan


Project area by work area


 Area 3 - Walkers Top


 Area 3 - Walkers Top (Underground)

 Area 4 - Borgan

Survey Areas

 Exploratory Works Survey Area

 Borumba PHES Survey Area

 Scrub turpentine potential habitat

Data Sources:

- State controlled roads - Queensland © State of Queensland (Department of Transport and Main Roads) 2020
- Site Layout Items @ SMEC, 2022
- Cadastral © State of Queensland (Department of Natural Resources, Mines and Energy) 2022
- Vegetation management regional ecosystem map - version 12.02 © State of Queensland (Department of Resources) 2022-11-07 (publication)
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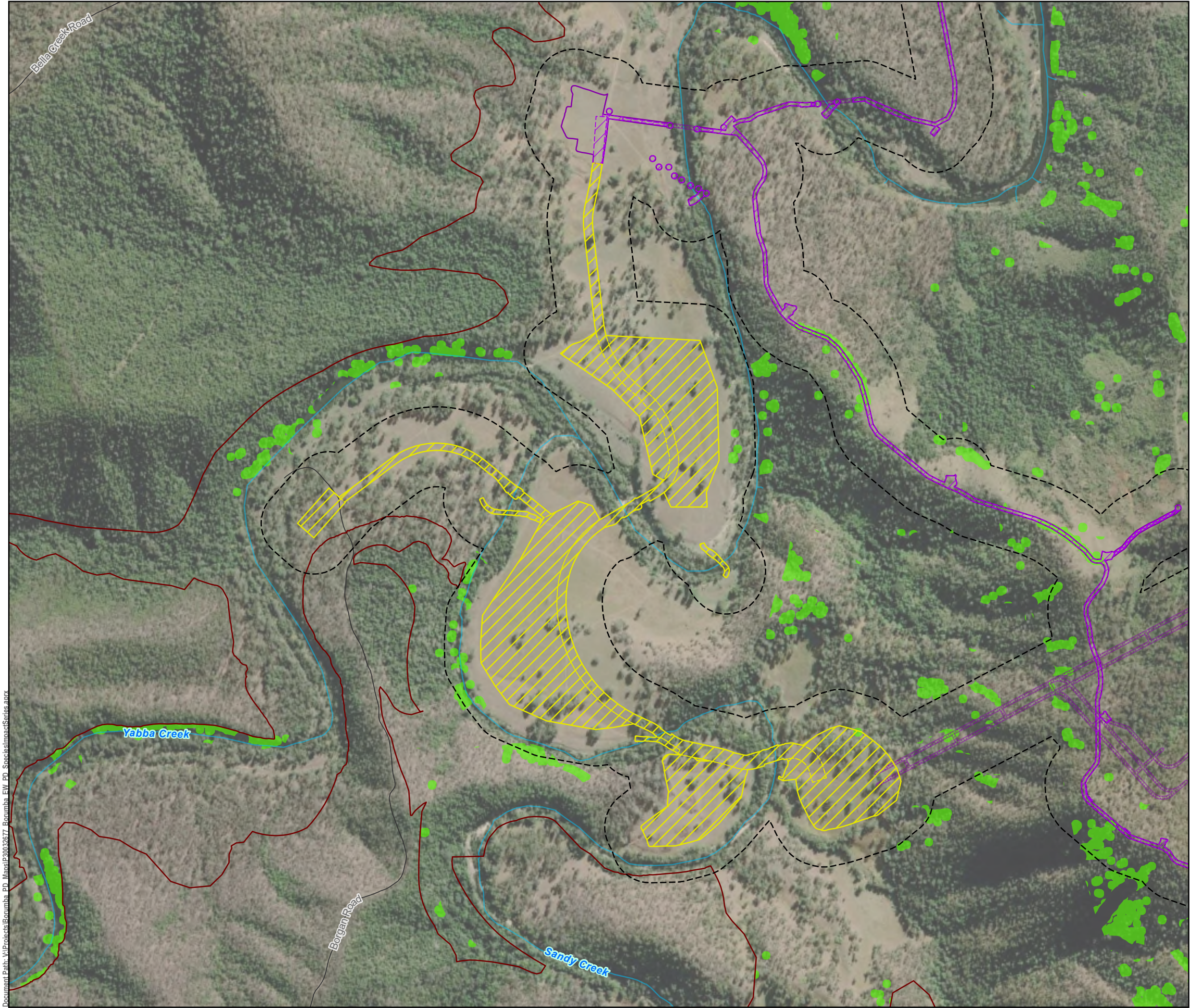
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KNOWN AND POTENTIAL HABITAT FOR SCRUB TURPENTINE (RHODAMNIA RUBESCENS) AND OBSERVATIONS

PROJECT #:	30032677
CREATED BY:	CW
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REVISION:	B

Figure

A4 E-2





GDA2020 MGA Zone 56



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LEGEND

 Watercourses

 Local Roads

Exploratory Works Project

Project footprint by work area

 Area 3 - Walkers Top

 Area 4 - Borgan

Project area by work area

 Area 3 - Walkers Top

 Area 3 - Walkers Top (Underground)

 Area 4 - Borgan

Survey Areas

 Exploratory Works Survey Area

 Borumba PHES Survey Area

 Coleus omissus potential habitat

Data Sources:

1. State controlled roads - Queensland © State of Queensland (Department of Transport and Main Roads) 2020
2. Site Layout Items @ SMEC, 2022
3. Cadastre © State of Queensland (Department of Natural Resources, Mines and Energy) 2022
4. Vegetation management regional ecosystem map - version 12.02 © State of Queensland (Department of Resources) 2022-11-07 (publication)
5. GTRE / GT TEC/ GT SPECIES @ Umwelt and Atterxo, 2022
6. World Imagery Basemap @ Esri, Maxar, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community

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Exploratory Works Project

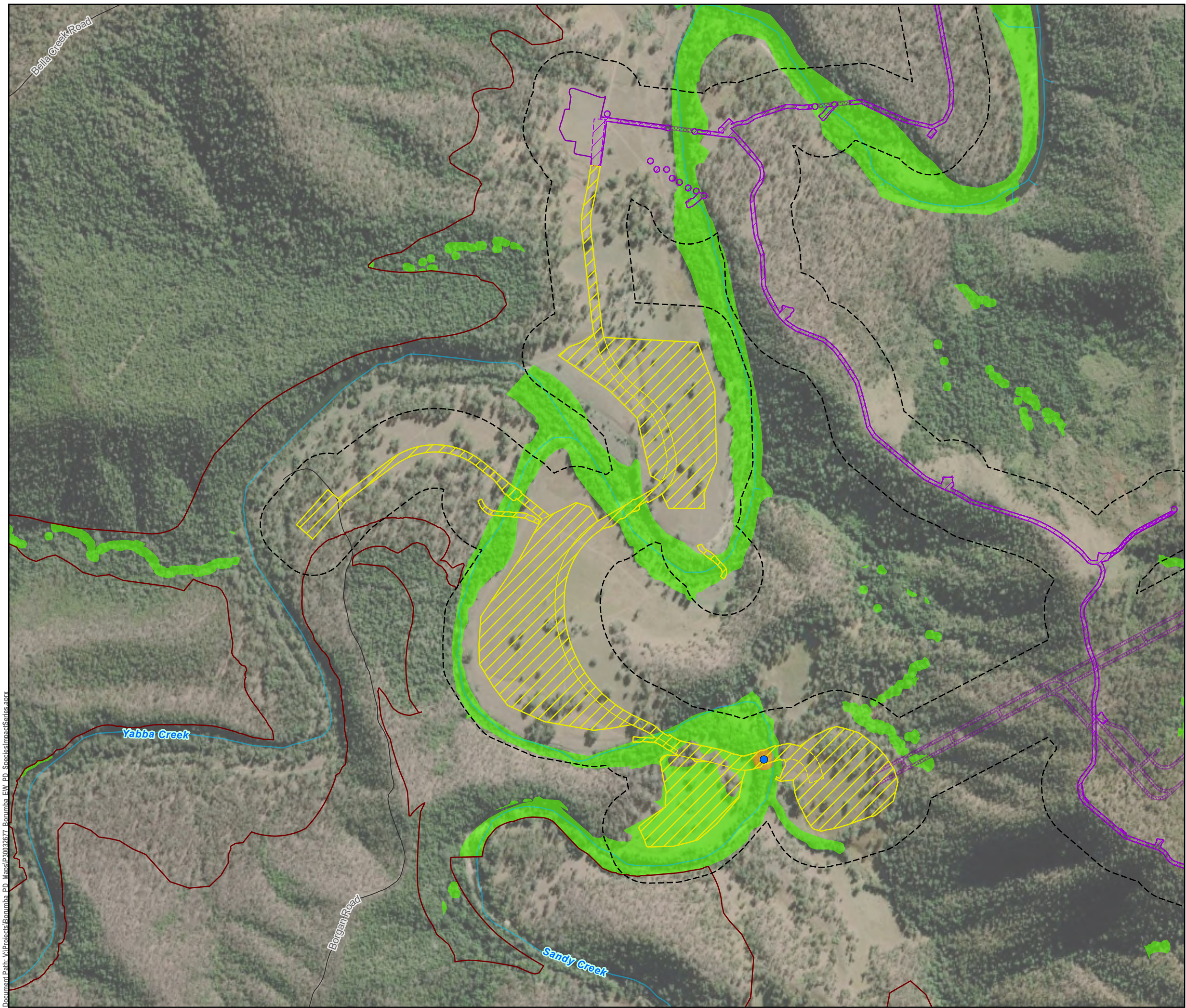
Preliminary Documentation


KNOWN AND POTENTIAL HABITAT FOR COLEUS OMISSUS AND OBSERVATIONS

PROJECT #:	30032677
CREATED BY:	CW
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Figure

A4 E-3






GDA2020 MGA Zone 56




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LEGEND


 Watercourses

 Local Roads


Exploratory Works Project


Project footprint by work area


 Area 3 - Walkers Top

 Area 4 - Borgan


Project area by work area


 Area 3 - Walkers Top


 Area 3 - Walkers Top (Underground)


 Area 4 - Borgan


Survey Areas

 Exploratory Works Survey Area

 Borgan PHES Survey Area

 Coleus torrenticola record

 Coleus torrenticola known habitat

 Coleus torrenticola potential habitat

Data Sources:

- State controlled roads - Queensland © State of Queensland (Department of Transport and Main Roads) 2020
- Site Layout Items @ SMEC, 2022
- Cadastral © State of Queensland (Department of Natural Resources, Mines and Energy) 2022
- Vegetation management regional ecosystem map - version 12.02 © State of Queensland (Department of Resources) 2022-11-07 (publication)
- GTRE / GT TEC/ GT SPECIES @ Umwelt and Attero, 2022
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Exploratory Works Project

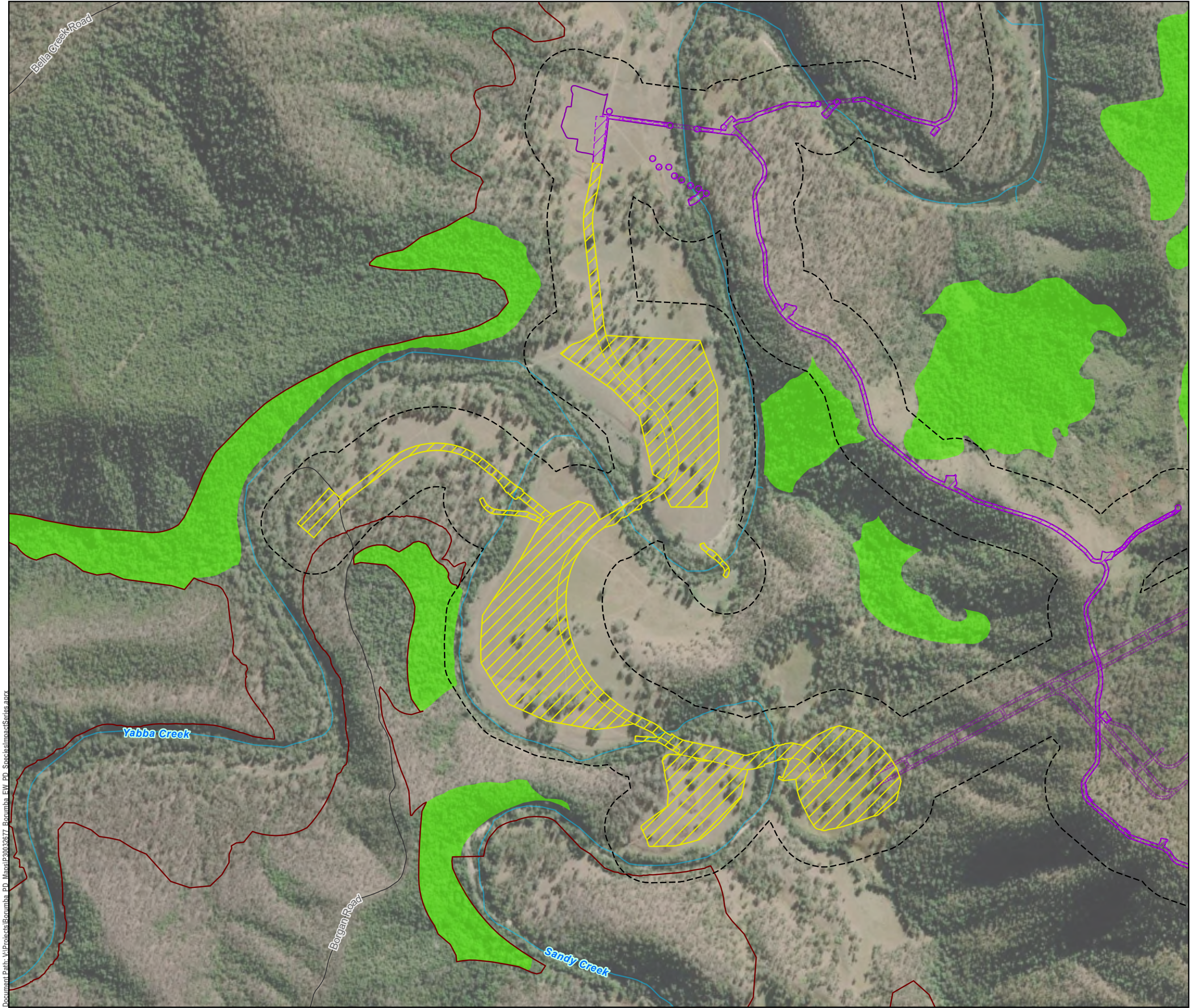
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KNOWN AND POTENTIAL HABITAT FOR SILVER COLEUS (COLEUS TORRENTICOLA) AND OBSERVATIONS

PROJECT #:	30032677
CREATED BY:	CW
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Figure

A4 E-4






GDA2020 MGA Zone 56




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LEGEND


 Watercourses

 Local Roads


Exploratory Works Project


Project footprint by work area


 Area 3 - Walkers Top

 Area 4 - Borgan


Project area by work area


 Area 3 - Walkers Top


 Area 3 - Walkers Top (Underground)

 Area 4 - Borgan

Survey Areas

 Exploratory Works Survey Area

 Borumba PHES Survey Area

 Ball nut potential habitat

Data Sources:

1. State controlled roads - Queensland © State of Queensland (Department of Transport and Main Roads) 2020
2. Site Layout Items @ SMEC, 2022
3. Cadastre © State of Queensland (Department of Natural Resources, Mines and Energy) 2022
4. Vegetation management regional ecosystem map - version 12.02 © State of Queensland (Department of Resources) 2022-11-07 (publication)
5. GTRE / GT TEC/ GT SPECIES @ Umwelt and Atterxo, 2022
6. World Imagery Basemap @ Esri, Maxar, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community

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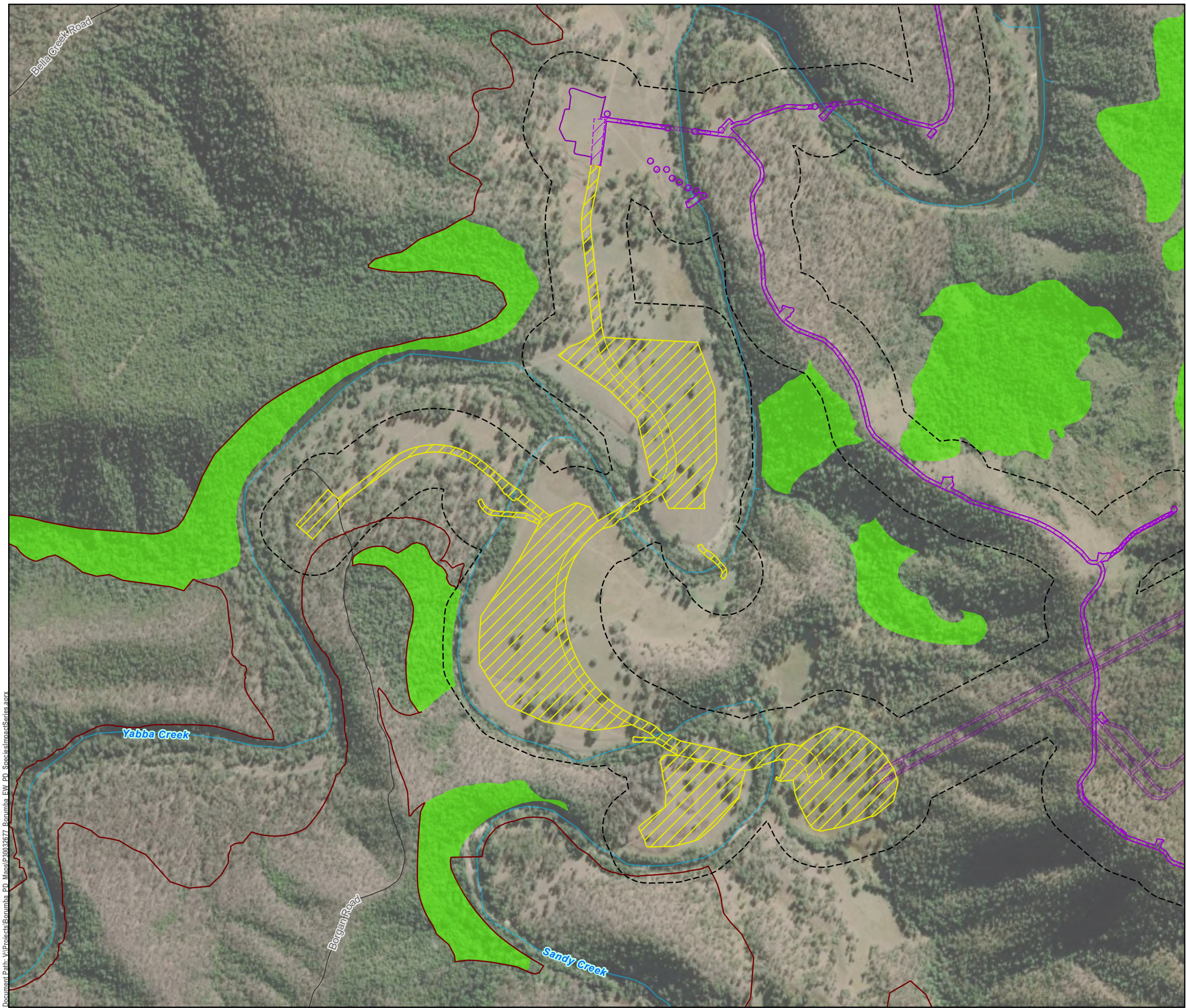
Preliminary Documentation


KNOWN AND POTENTIAL HABITAT FOR BALL NUT (FLOYDIA PRAEALTA) AND OBSERVATIONS

PROJECT #:	30032677
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LAST MODIFIED:	NC17428, 17/09/2025
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Figure

A4 E-5






GDA2020 MGA Zone 56




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LEGEND


 Watercourses

 Local Roads


Exploratory Works Project


Project footprint by work area


 Area 3 - Walkers Top

 Area 4 - Borgan


Project area by work area


 Area 3 - Walkers Top


 Area 3 - Walkers Top (Underground)

 Area 4 - Borgan

Survey Areas

 Exploratory Works Survey Area

 Borumba PHES Survey Area

 Macadamia nut potential habitat

Data Sources:

- State controlled roads - Queensland © State of Queensland (Department of Transport and Main Roads) 2020
- Site Layout Items @ SMEC, 2022
- Cadastral © State of Queensland (Department of Natural Resources, Mines and Energy) 2022
- Vegetation management regional ecosystem map - version 12.02 © State of Queensland (Department of Resources) 2022-11-07 (publication)
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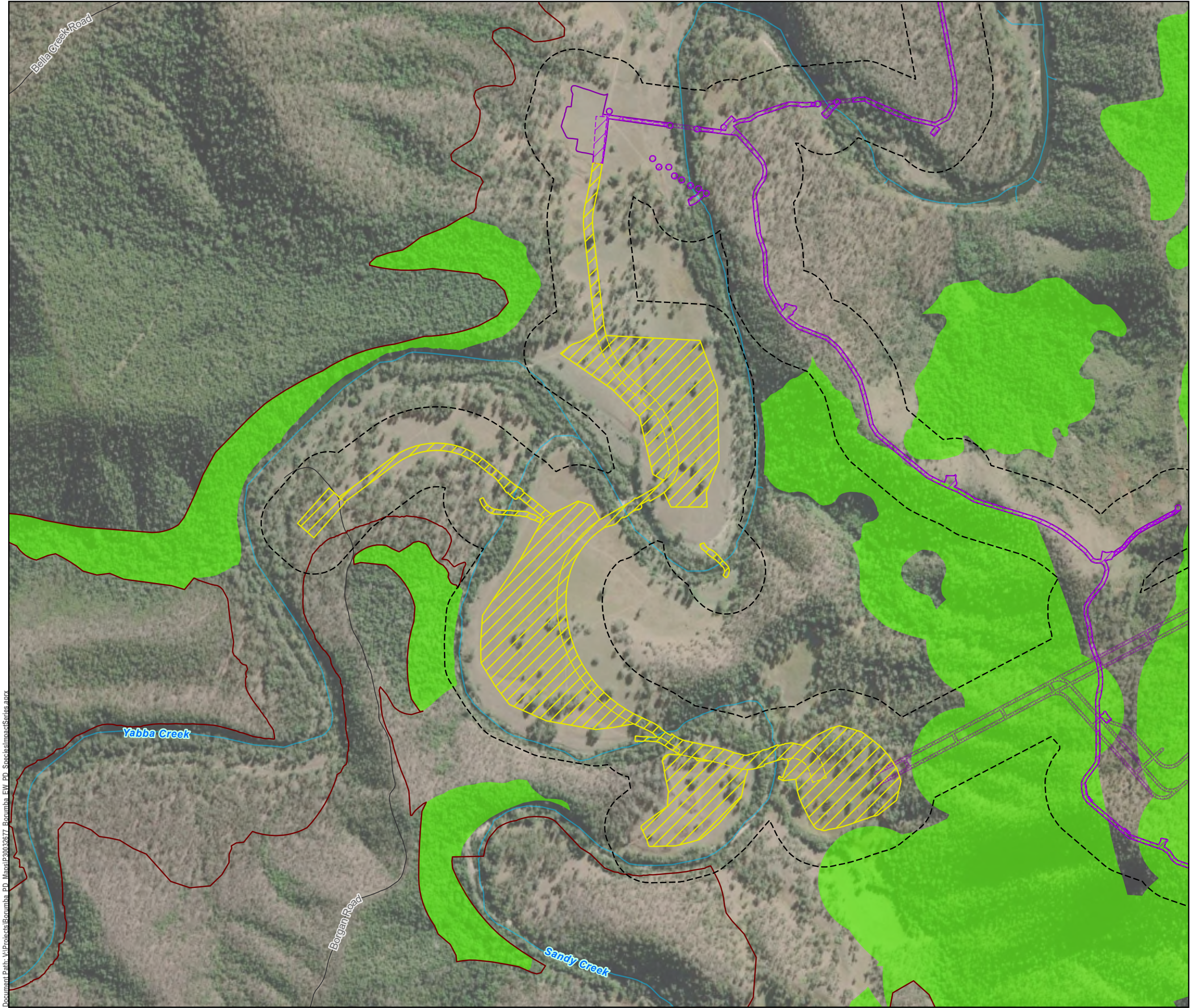
Preliminary Documentation


KNOWN AND POTENTIAL HABITAT FOR MACADAMIA NUT (MACADAMIA INTEGRIFOLIA) AND OBSERVATIONS

PROJECT #:	30032677
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LAST MODIFIED:	NC17428, 17/09/2025
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Figure

A4 E-6






GDA2020 MGA Zone 56




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LEGEND


 Watercourses

 Local Roads


Exploratory Works Project


Project footprint by work area


 Area 3 - Walkers Top

 Area 4 - Borgan


Project area by work area


 Area 3 - Walkers Top


 Area 3 - Walkers Top (Underground)

 Area 4 - Borgan

Survey Areas

 Exploratory Works Survey Area

 Borumba PHES Survey Area

 Native guava potential habitat

Data Sources:

- State controlled roads - Queensland © State of Queensland (Department of Transport and Main Roads) 2020
- Site Layout Items @ SMEC, 2022
- Cadastral © State of Queensland (Department of Natural Resources, Mines and Energy) 2022
- Vegetation management regional ecosystem map - version 12.02 © State of Queensland (Department of Resources) 2022-11-07 (publication)
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Exploratory Works Project

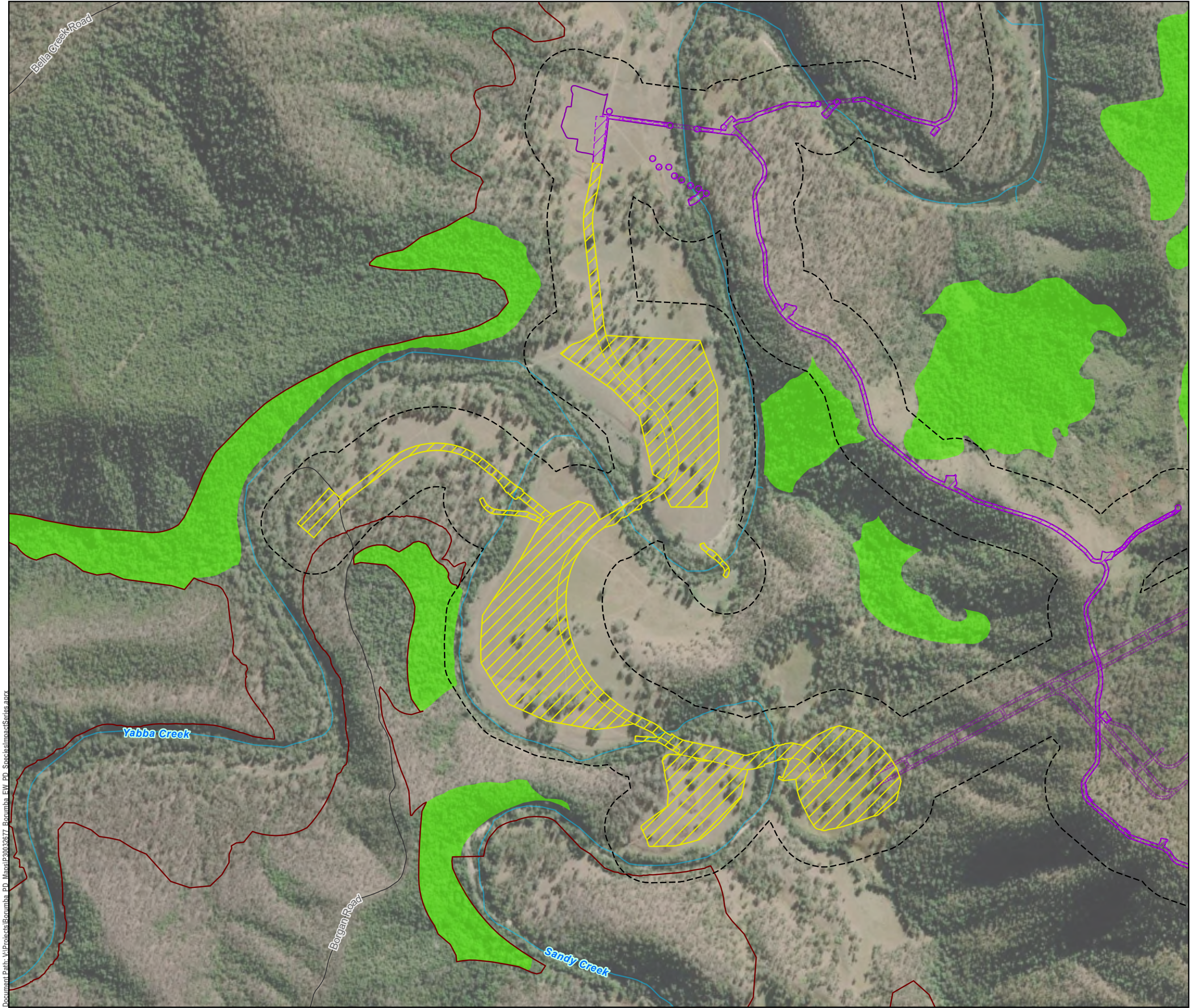
Preliminary Documentation

KNOWN AND POTENTIAL HABITAT FOR NATIVE GUAVA (RHODOMYRTUS PSIDIoidES) AND OBSERVATIONS

PROJECT #:	30032677
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LAST MODIFIED:	NC17428, 17/09/2025
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Figure

A4 E-7





GDA2020 MGA Zone 56



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LEGEND

 Watercourses

 Local Roads

Exploratory Works Project

Project footprint by work area

 Area 3 - Walkers Top

 Area 4 - Borgan

Project area by work area

 Area 3 - Walkers Top

 Area 3 - Walkers Top (Underground)

 Area 4 - Borgan

Survey Areas

 Exploratory Works Survey Area

 Borumba PHES Survey Area

 Small-fruited Queensland nut potential habitat

Data Sources:

- State controlled roads - Queensland © State of Queensland (Department of Transport and Main Roads) 2020
- Site Layout Items @ SMEC, 2022
- Cadastral © State of Queensland (Department of Natural Resources, Mines and Energy) 2022
- Vegetation management regional ecosystem map - version 12.02 © State of Queensland (Department of Resources) 2022-11-07 (publication)
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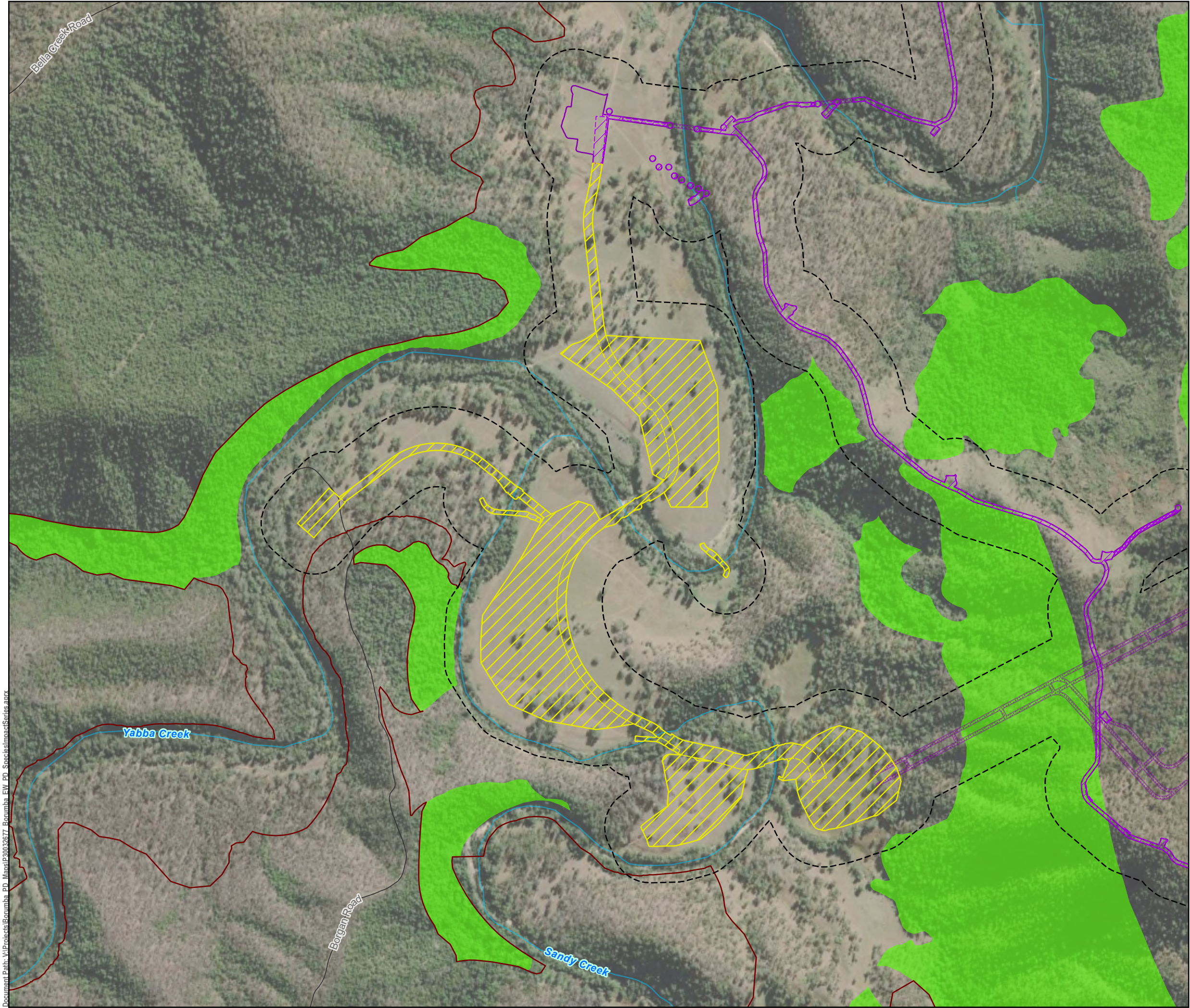
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KNOWN AND POTENTIAL HABITAT FOR SMALL-FRUITED QUEENSLAND NUT (MACADAMIA TERNIFOLIA) AND OBSERVATIONS

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Figure

A4 E-8





GDA2020 MGA Zone 56



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LEGEND

 Watercourses

 Local Roads

Exploratory Works Project

Project footprint by work area

 Area 3 - Walkers Top

 Area 4 - Borgan

Project area by work area

 Area 3 - Walkers Top

 Area 3 - Walkers Top (Underground)

 Area 4 - Borgan

Survey Areas

 Exploratory Works Survey Area

 Borumba PHES Survey Area

 Three-leaved bosistoa potential habitat

Data Sources:

- State controlled roads - Queensland © State of Queensland (Department of Transport and Main Roads) 2020
- Site Layout Items @ SMEC, 2022
- Cadastral © State of Queensland (Department of Natural Resources, Mines and Energy) 2022
- Vegetation management regional ecosystem map - version 12.02 © State of Queensland (Department of Resources) 2022-11-07 (publication)
- GTRE / GT TEC/ GT SPECIES @ Umwelt and Attero, 2022
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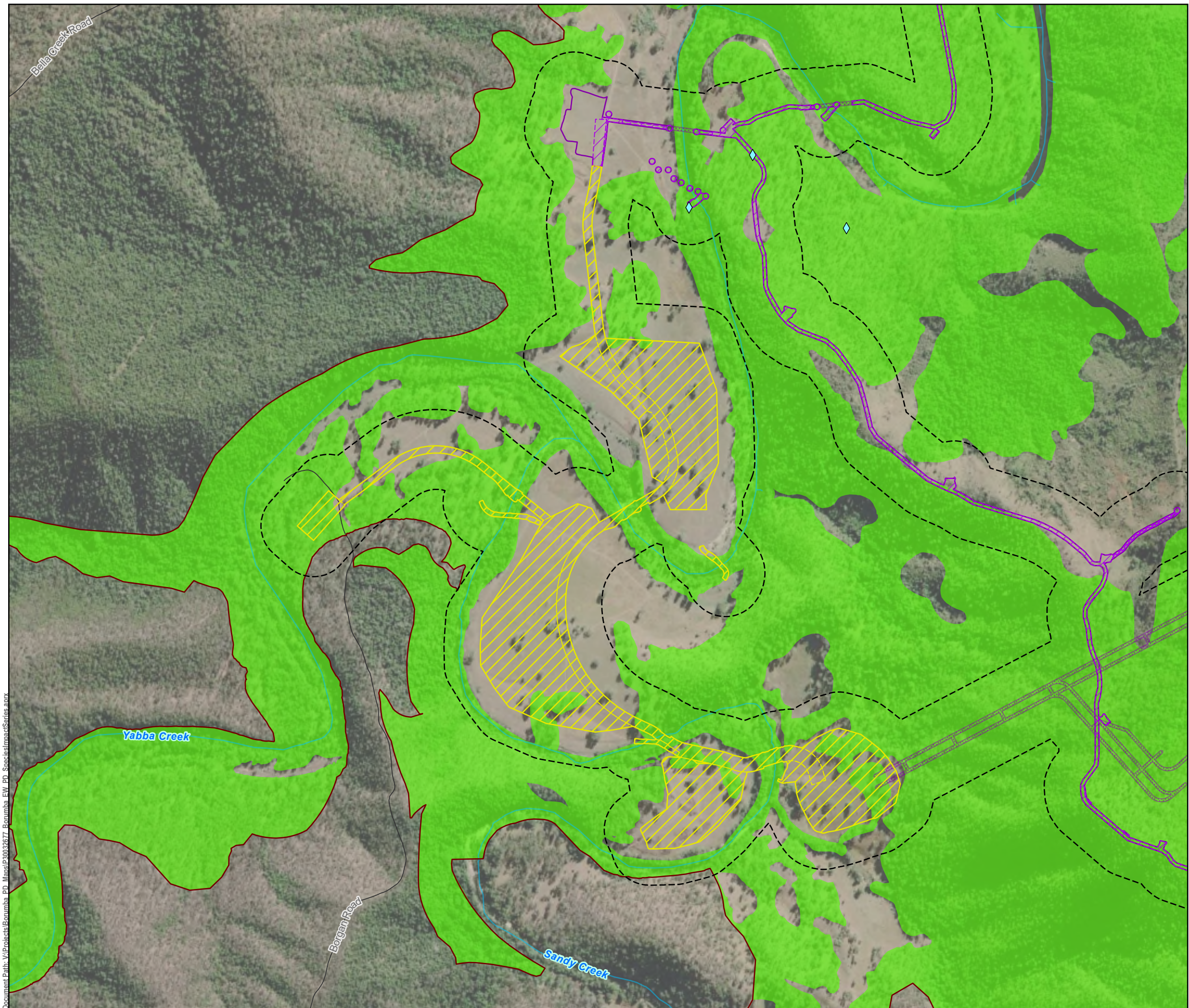
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KNOWN AND POTENTIAL HABITAT FOR THREE-LEAVED BOSISTOA (BOSISTOA TRANSVERSA) AND OBSERVATIONS

PROJECT #:	30032677
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Figure

A4 E-9






GDA2020 MGA Zone 56




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LEGEND


 Watercourses

 Local Roads


Exploratory Works Project


Project footprint by work area


 Area 3 - Walkers Top

 Area 4 - Borgan


Project area by work area


 Area 3 - Walkers Top


 Area 3 - Walkers Top (Underground)


 Area 4 - Borgan

Survey Areas

 Exploratory Works Survey Area

 Borumba PHES Survey Area

 Grey-headed flying-fox record

 Grey-headed flying-fox potential habitat

Data Sources:

1. State controlled roads - Queensland © State of Queensland (Department of Transport and Main Roads) 2020
2. Site Layout Items @ SMEC, 2022
3. Cadastre © State of Queensland (Department of Natural Resources, Mines and Energy) 2022
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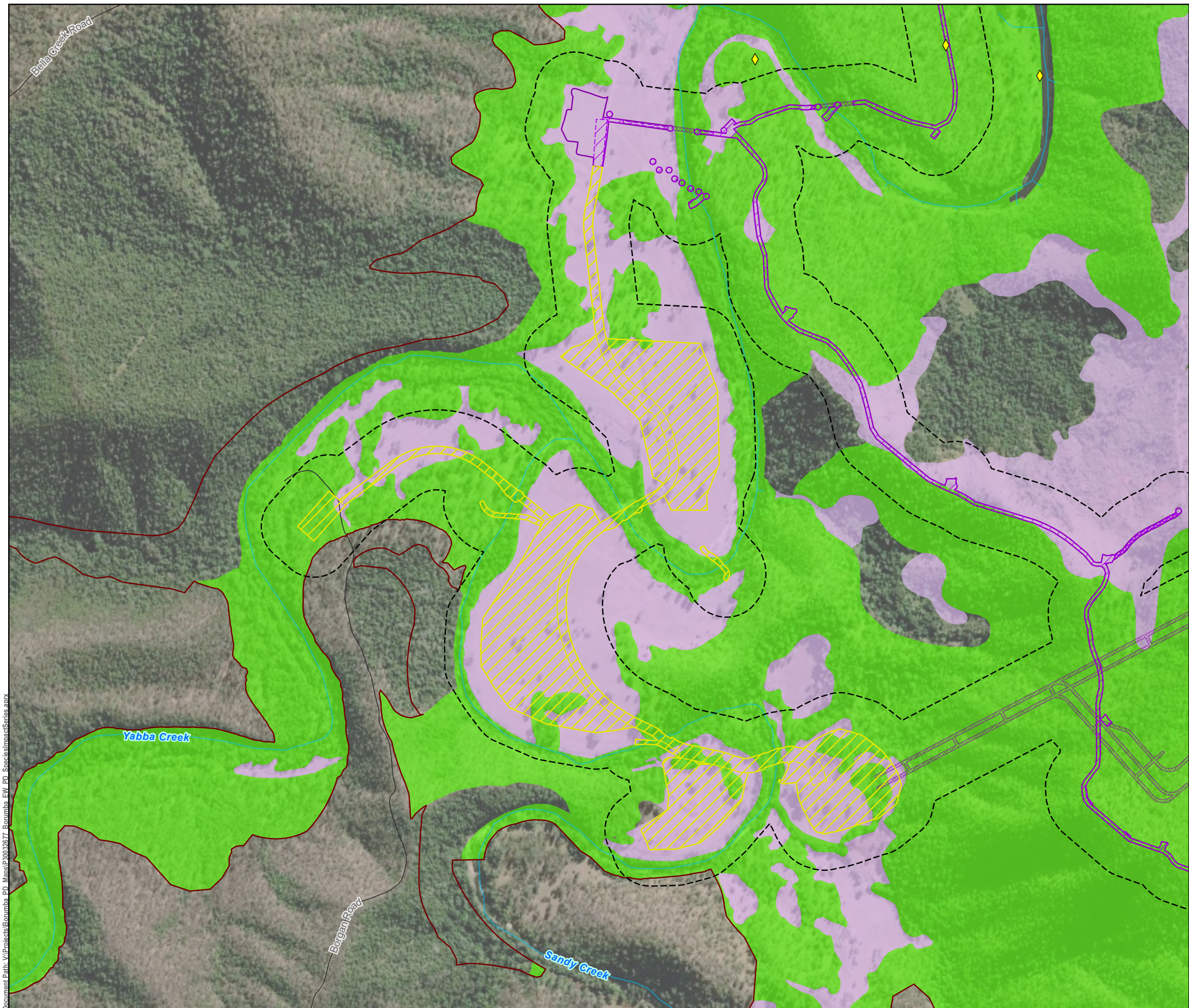
Preliminary Documentation

KNOWN AND POTENTIAL HABITAT FOR GREY-HEADED FLYING-FOX (PTEROPUS POLIOCEPHALUS) AND OBSERVATIONS

PROJECT #:	30032677
CREATED BY:	CW
LAST MODIFIED:	NC17428, 17/09/2025
REVISION:	B

Figure

A4 E-10




LEGEND


 Watercourses

— Local Roads

Exploratory Works Project


Project footprint by work area

 Area 3 - Walkers Top

 Area 4 - Borgan

Project area by work area

☐ Area 3 - Walkers Top

 Area 3 - Walkers Top (Underground)


☐ Area 4 - Borgan

Survey Areas

Exploratory Works Survey Area

 Borumba PHES Survey Area

 Koala record

 Koala record
 Koala breeding/foraging habitat

Koala sheltering/dispersal habitat

Data Sources:

1. State controlled roads - Queensland © State of Queensland (Department of Transport and Main Roads) 2020

2. Site Layout Items @ SMEC, 2022

3. Cadastre © State of Queensland (Department of Natural Resources, Mines and Energy) 2022

4. Vegetation management regional ecosystem map - version 12.02 © State of Queensland (Department of Resources) 2022-11-07 (publication)

5. GTRE / GT TEC/ GT SPECIES @ Umwelt and Attexo, 2022

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0001, 0000, 1000000, 1001, and the 0100 commands)

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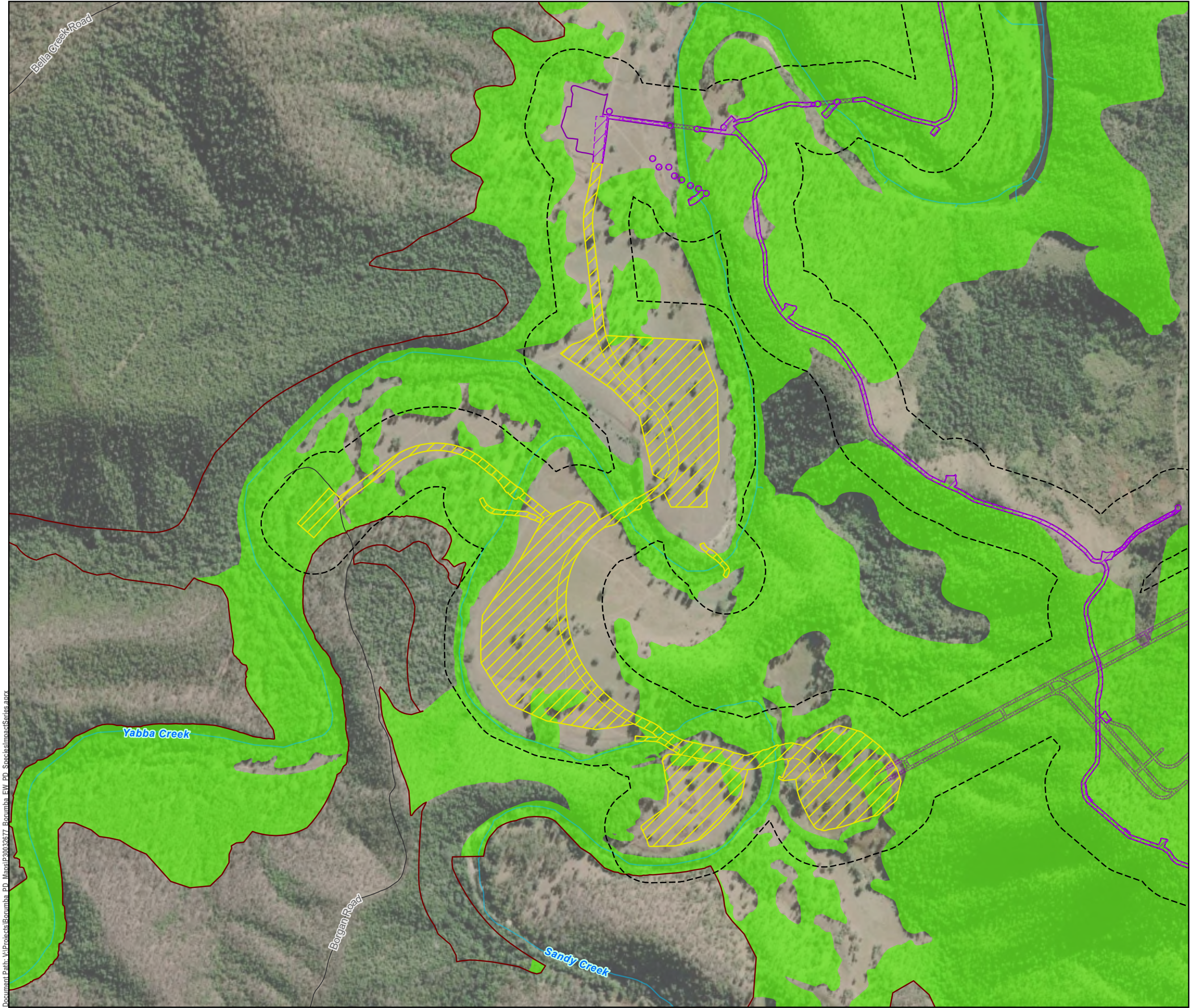
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Exploratory Works Project
Preliminary Documentation

**KNOWN AND POTENTIAL HABITAT FOR KOALA
(PHASCOLARCTOS CINEREUS) AND OBSERVATIONS**


PROJECT #: 30032677
CREATED BY: CW
LAST MODIFIED: NC17428, 17/09/2025
REVISION: B

**Figure
A4 E-11**






GDA2020 MGA Zone 56




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LEGEND


 Watercourses

 Local Roads


Exploratory Works Project


Project footprint by work area


 Area 3 - Walkers Top

 Area 4 - Borgan


Project area by work area


 Area 3 - Walkers Top


 Area 3 - Walkers Top (Underground)

 Area 4 - Borgan

Survey Areas

 Exploratory Works Survey Area

 Borumba PHES Survey Area

 Yellow-bellied glider denning habitat

Data Sources:

1. State controlled roads - Queensland © State of Queensland (Department of Transport and Main Roads) 2020
2. Site Layout Items @ SMEC, 2022
3. Cadastre © State of Queensland (Department of Natural Resources, Mines and Energy) 2022
4. Vegetation management regional ecosystem map - version 12.02 © State of Queensland (Department of Resources) 2022-11-07 (publication)
5. GTRE / GT TEC/ GT SPECIES @ Umwelt and Altexo, 2022
6. World Imagery Basemap @ Esri, Maxar, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community

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Exploratory Works Project

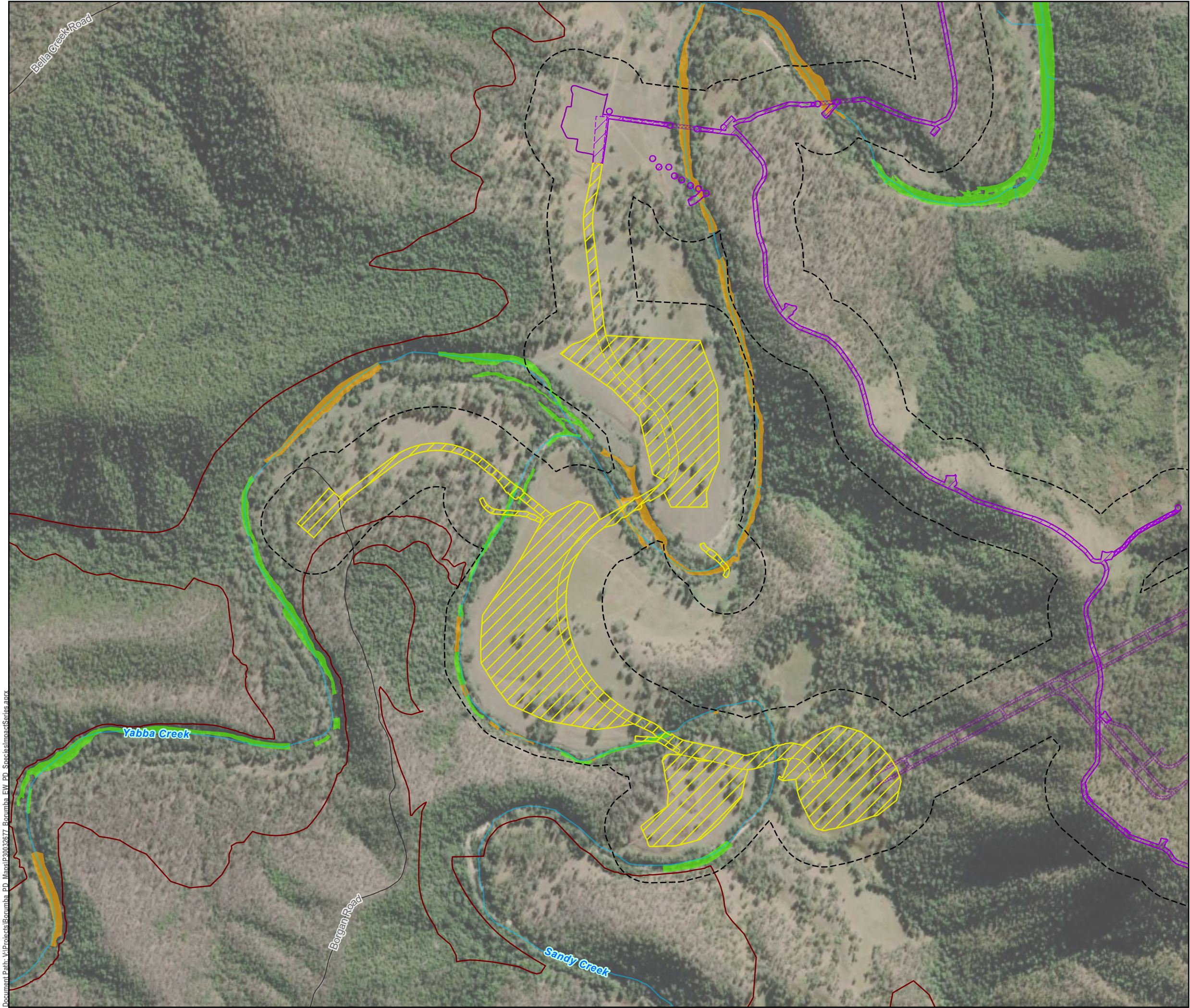
Preliminary Documentation

KNOWN AND POTENTIAL HABITAT FOR YELLOW-BELLIED GLIDER (PETAURUS AUSTRALIS AUSTRALIS) AND OBSERVATIONS

PROJECT #:	30032677
CREATED BY:	CW
LAST MODIFIED:	NC17428, 17/09/2025
REVISION:	B

Figure

A4 E-12





GDA2020 MGA Zone 56



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LEGEND

 Watercourses

 Local Roads

Exploratory Works Project

Project footprint by work area

 Area 3 - Walkers Top

 Area 4 - Borgan

Project area by work area

 Area 3 - Walkers Top

 Area 3 - Walkers Top (Underground)

 Area 4 - Borgan

Survey Areas

 Exploratory Works Survey Area

 Borumba PHES Survey Area

 Australian lungfish foraging habitat

 Australian lungfish spawning and foraging habitat

***Records located outside of mapped habitat are sourced from the Atlas of Living Australia (ALA). ALA generalises data from 1-10 km meaning that points do not represent the exact location of the record.**

Data Sources:

1. State controlled roads - Queensland © State of Queensland (Department of Transport and Main Roads) 2020
2. Site Layout Items @ SMEC, 2022
3. Cadastre © State of Queensland (Department of Natural Resources, Mines and Energy) 2022
4. Vegetation management regional ecosystem map - version 12.02 © State of Queensland (Department of Resources) 2022-11-07 (publication)
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6. World Imagery Basemap @ Esri, Maxar, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community

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Exploratory Works Project

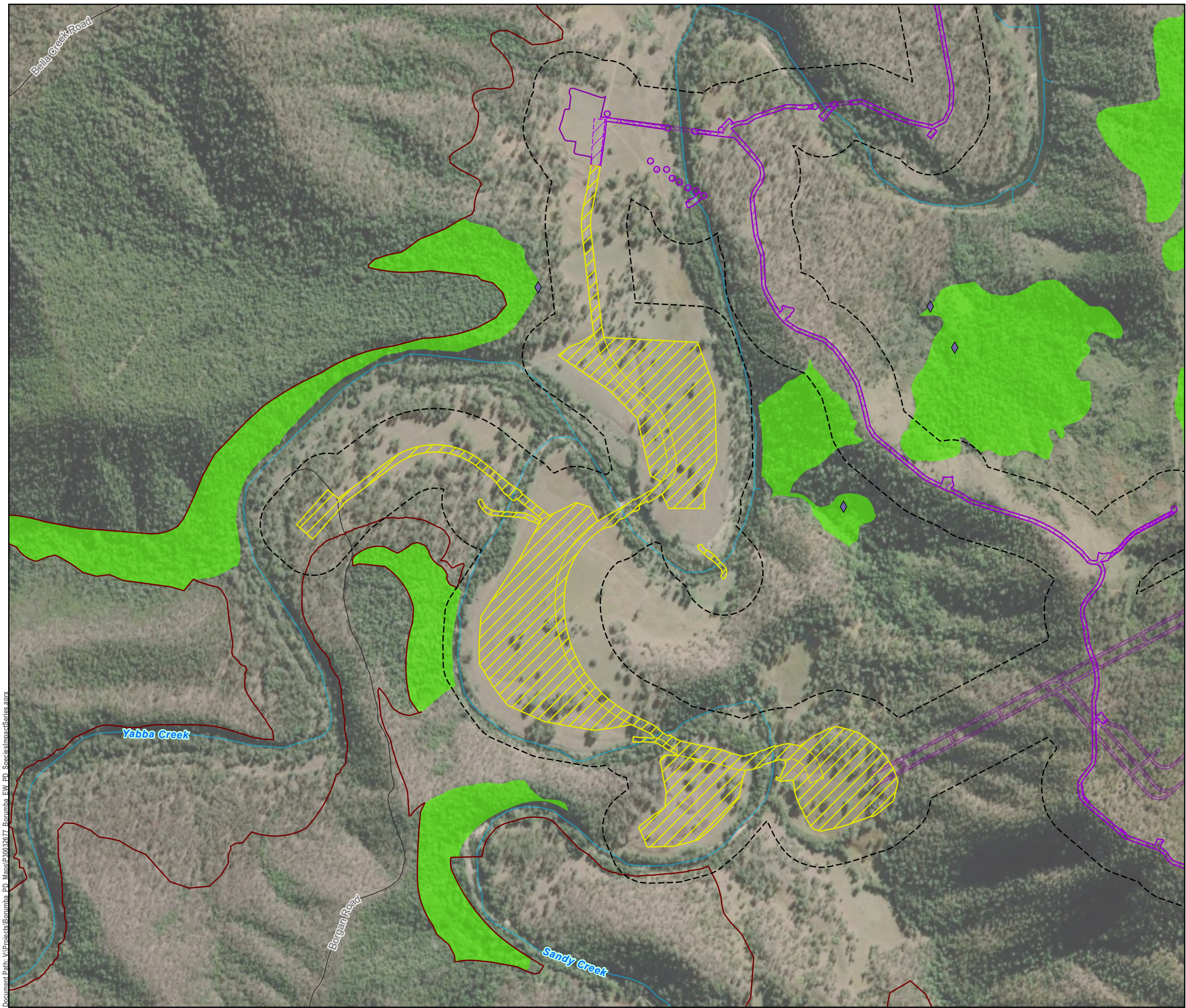
Preliminary Documentation

KNOWN AND POTENTIAL HABITAT FOR AUSTRALIAN LUNGFISH (NEOCERATODUS FORSTERI) AND OBSERVATIONS

PROJECT #:	30032677
CREATED BY:	CW
LAST MODIFIED:	NC17428, 17/09/2025
REVISION:	B

Figure

A4 E-13



0

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(when printed @ A3)

LEGEND

Watercourses

Local Roads

Exploratory Works Project

Project footprint by work area

Area 3 - Walkers Top

Area 4 - Borgan

Project area by work area

Area 3 - Walkers Top

Area 3 - Walkers Top (Underground)

Area 4 - Borgan

Survey Areas

Exploratory Works Survey Area

Borumba PHES Survey Area

Black-breasted button-quail record

Black-breasted button-quail potential habitat

Data Sources:

1. State controlled roads - Queensland © State of Queensland (Department of Transport and Main Roads) 2020
2. Site Layout Items @ SMEC, 2022
3. Cadastre © State of Queensland (Department of Natural Resources, Mines and Energy) 2022
4. Vegetation management regional ecosystem map - version 12.02 © State of Queensland (Department of Resources) 2022-11-07 (publication)
5. GTRE / GT TEC/ GT SPECIES @ Umwelt and Atterxo, 2022
6. World Imagery Basemap @ Esri, Maxar, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community

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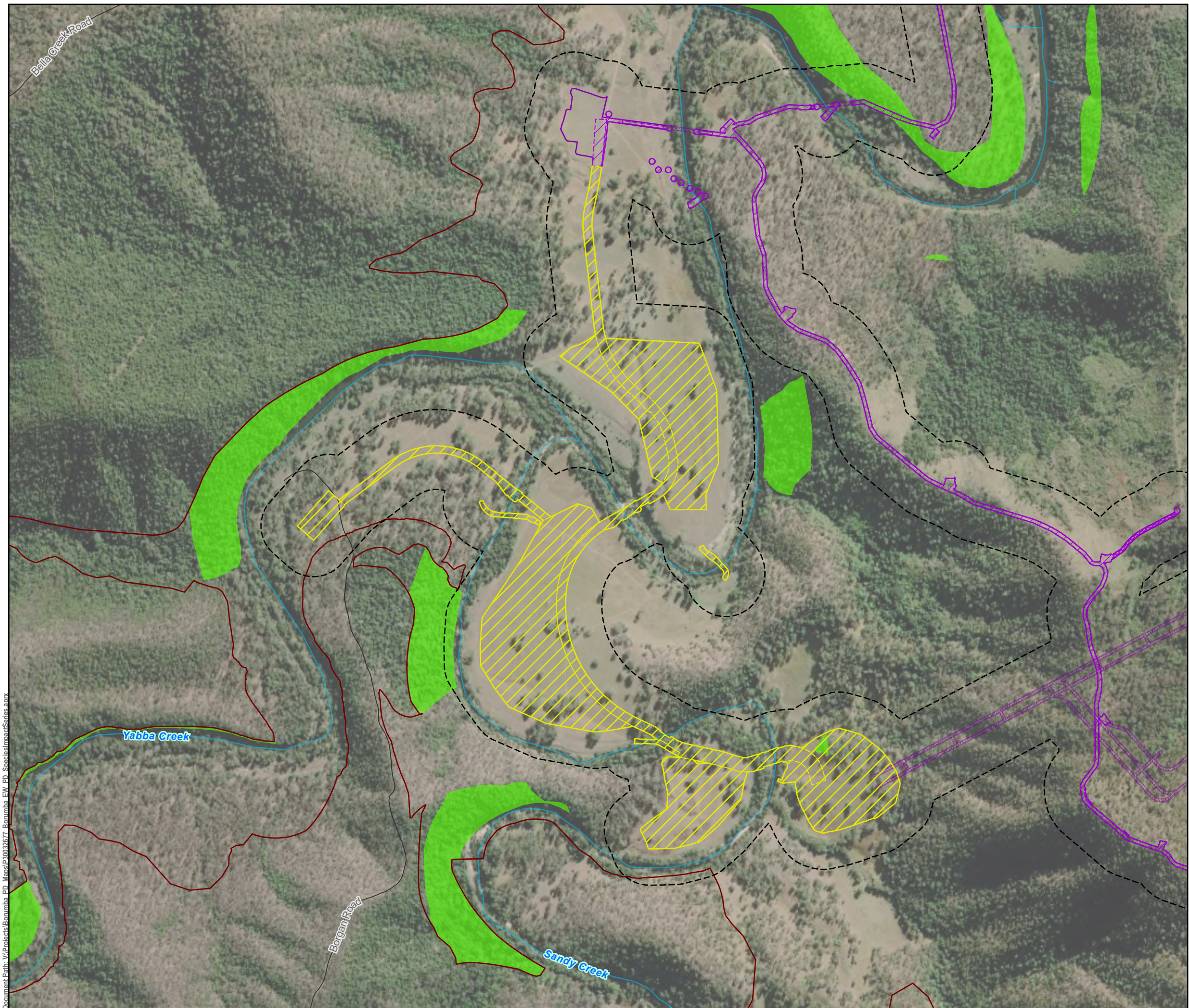
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Exploratory Works Project Preliminary Documentation

KNOWN AND POTENTIAL HABITAT FOR BLACK-BREASTED BUTTON-QUAIL (TURNIX MELANOGASTER) AND OBSERVATIONS


PROJECT #: 30032677
CREATED BY: CW
LAST MODIFIED: NC17428, 17/09/2025
REVISION: B

Figure
A4 E-14






GDA2020 MGA Zone 56




0 400 m

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LEGEND


 Watercourses

 Local Roads


Exploratory Works Project


Project footprint by work area


 Area 3 - Walkers Top

 Area 4 - Borgan


Project area by work area


 Area 3 - Walkers Top


 Area 3 - Walkers Top (Underground)

 Area 4 - Borgan

Survey Areas

 Exploratory Works Survey Area

 Borumba PHES Survey Area

 Giant barred frog potential habitat

Data Sources:

1. State controlled roads - Queensland © State of Queensland (Department of Transport and Main Roads) 2020
2. Site Layout Items @ SMEC, 2022
3. Cadastre © State of Queensland (Department of Natural Resources, Mines and Energy) 2022
4. Vegetation management regional ecosystem map - version 12.02 © State of Queensland (Department of Resources) 2022-11-07 (publication)
5. GTRE / GT TEC/ GT SPECIES @ Umwelt and Attero, 2022
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Exploratory Works Project

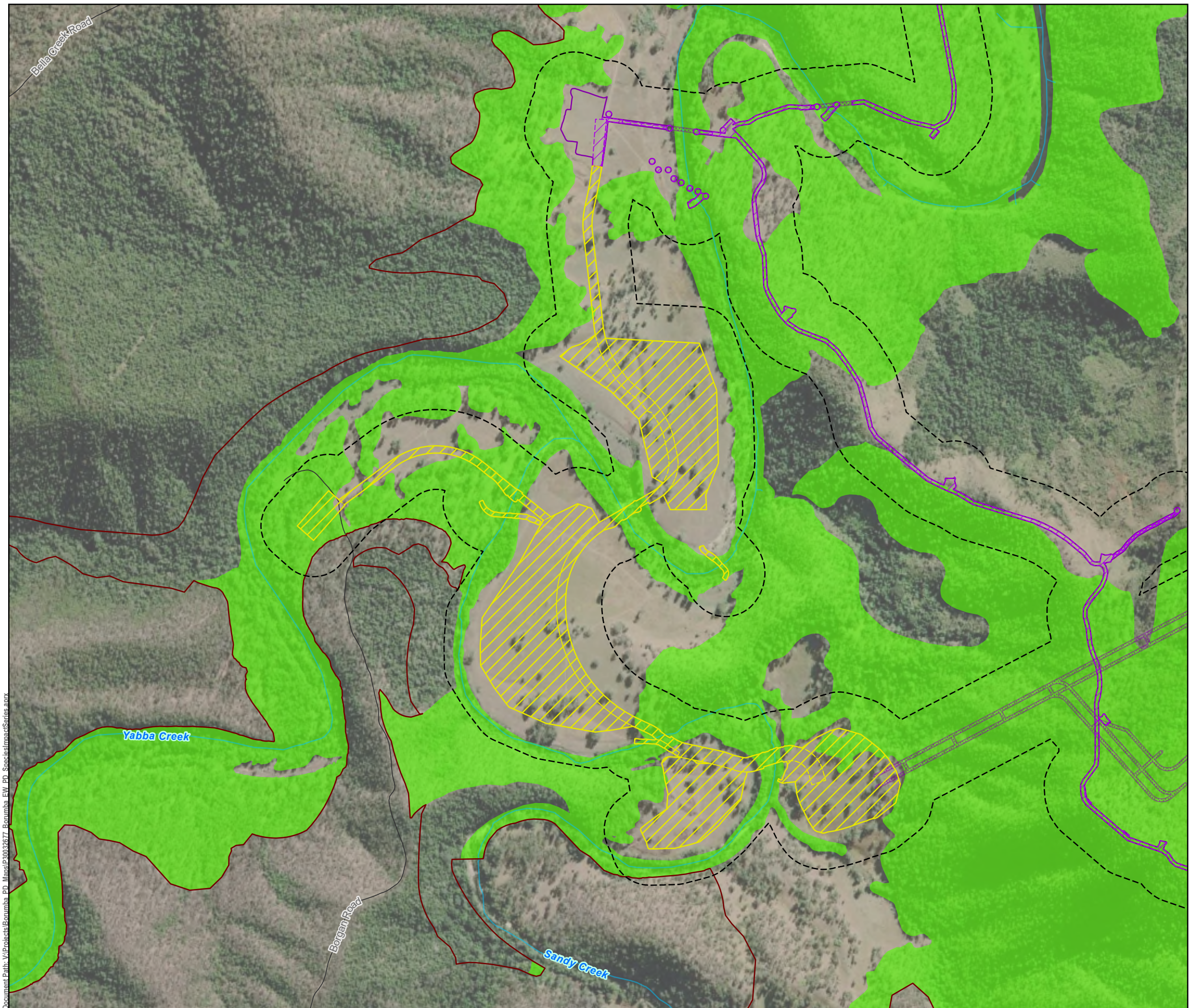
Preliminary Documentation


KNOWN AND POTENTIAL HABITAT FOR GIANT BARRED FROG (MIXOPHYTES ITERATUS) AND OBSERVATIONS

PROJECT #:	30032677
CREATED BY:	CW
LAST MODIFIED:	NC17428, 17/09/2025
REVISION:	B


Figure

A4 E-15






GDA2020 MGA Zone 56




0 400 m

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LEGEND


 Watercourses

 Local Roads


Exploratory Works Project


Project footprint by work area


 Area 3 - Walkers Top

 Area 4 - Borgon


Project area by work area


 Area 3 - Walkers Top


 Area 3 - Walkers Top (Underground)

 Area 4 - Borgon

Survey Areas

 Exploratory Works Survey Area

 Borumba PHES Survey Area

 Glossy-black cockatoo breeding habitat

Data Sources:

1. State controlled roads - Queensland © State of Queensland (Department of Transport and Main Roads) 2020
2. Site Layout Items @ SMEC, 2022
3. Cadastre © State of Queensland (Department of Natural Resources, Mines and Energy) 2022
4. Vegetation management regional ecosystem map - version 12.02 © State of Queensland (Department of Resources) 2022-11-07 (publication)
5. GTRE / GT TEC/ GT SPECIES @ Umwelt and Attero, 2022
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Exploratory Works Project

Preliminary Documentation

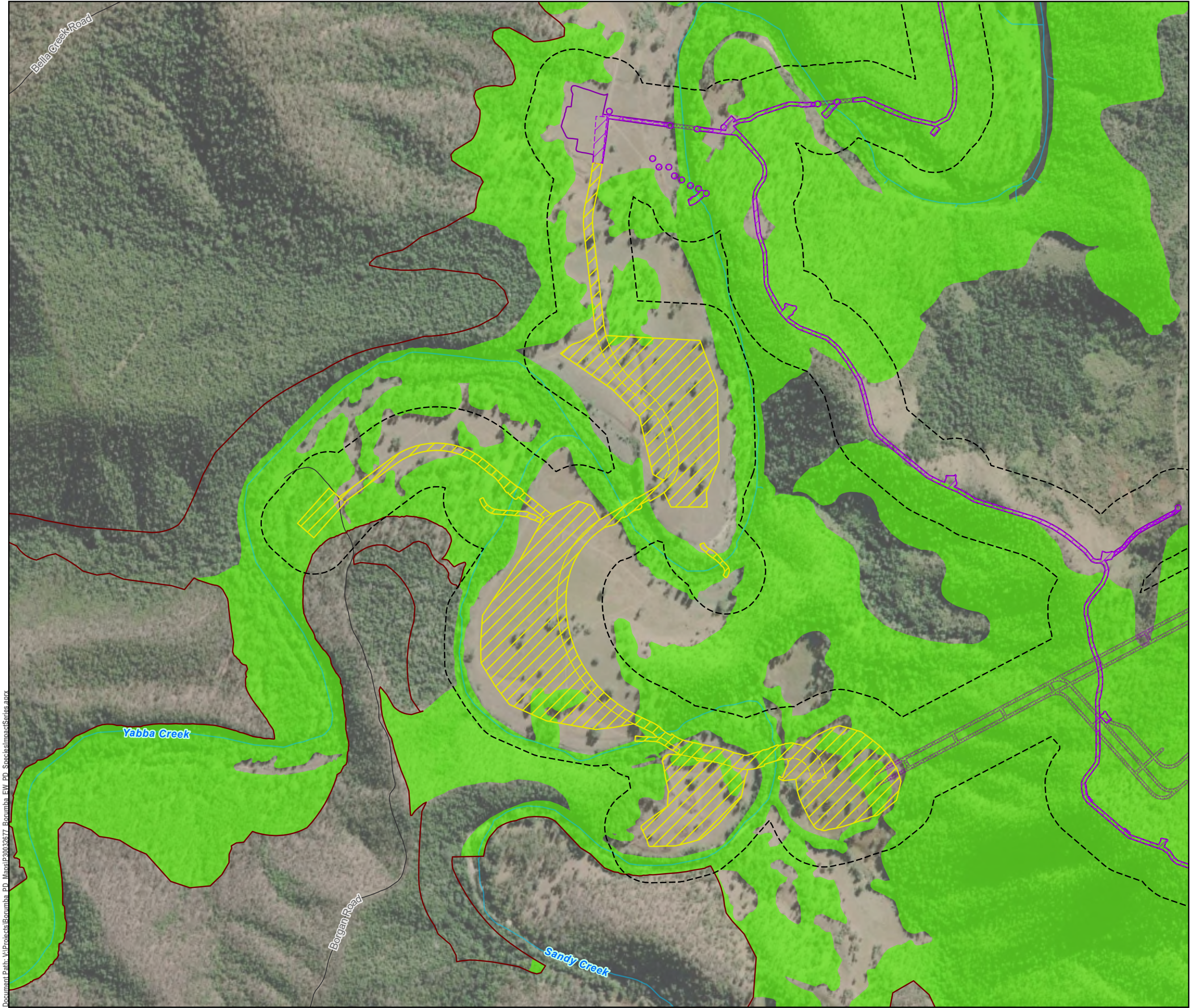
KNOWN AND POTENTIAL HABITAT FOR GLOSSY-BLACK COCKATOO (CALYPTORHYNCHUS LATHAMI LATHAMI) AND OBSERVATIONS


PROJECT #:	30032677
CREATED BY:	CW
LAST MODIFIED:	NC17428, 17/09/2025
REVISION:	B

Figure


A4 E-16

Document Path: \\projects\Borumba_PD_Maps\20032677_Borumba_EW_PD_SpeciesImpactSeries.aprx






GDA2020 MGA Zone 56




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LEGEND


 Watercourses

 Local Roads


Exploratory Works Project


Project footprint by work area


 Area 3 - Walkers Top

 Area 4 - Borgan


Project area by work area


 Area 3 - Walkers Top


 Area 3 - Walkers Top (Underground)

 Area 4 - Borgan

Survey Areas

 Exploratory Works Survey Area

 Borumba PHES Survey Area

 Greater glider denning/foraging habitat

Data Sources:

1. State controlled roads - Queensland © State of Queensland (Department of Transport and Main Roads) 2020
2. Site Layout Items @ SMEC, 2022
3. Cadastre © State of Queensland (Department of Natural Resources, Mines and Energy) 2022
4. Vegetation management regional ecosystem map - version 12.02 © State of Queensland (Department of Resources) 2022-11-07 (publication)
5. GTRE / GT TEC/ GT SPECIES @ Umwelt and Attero, 2022
6. World Imagery Basemap @ Esri, Maxar, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community

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Exploratory Works Project

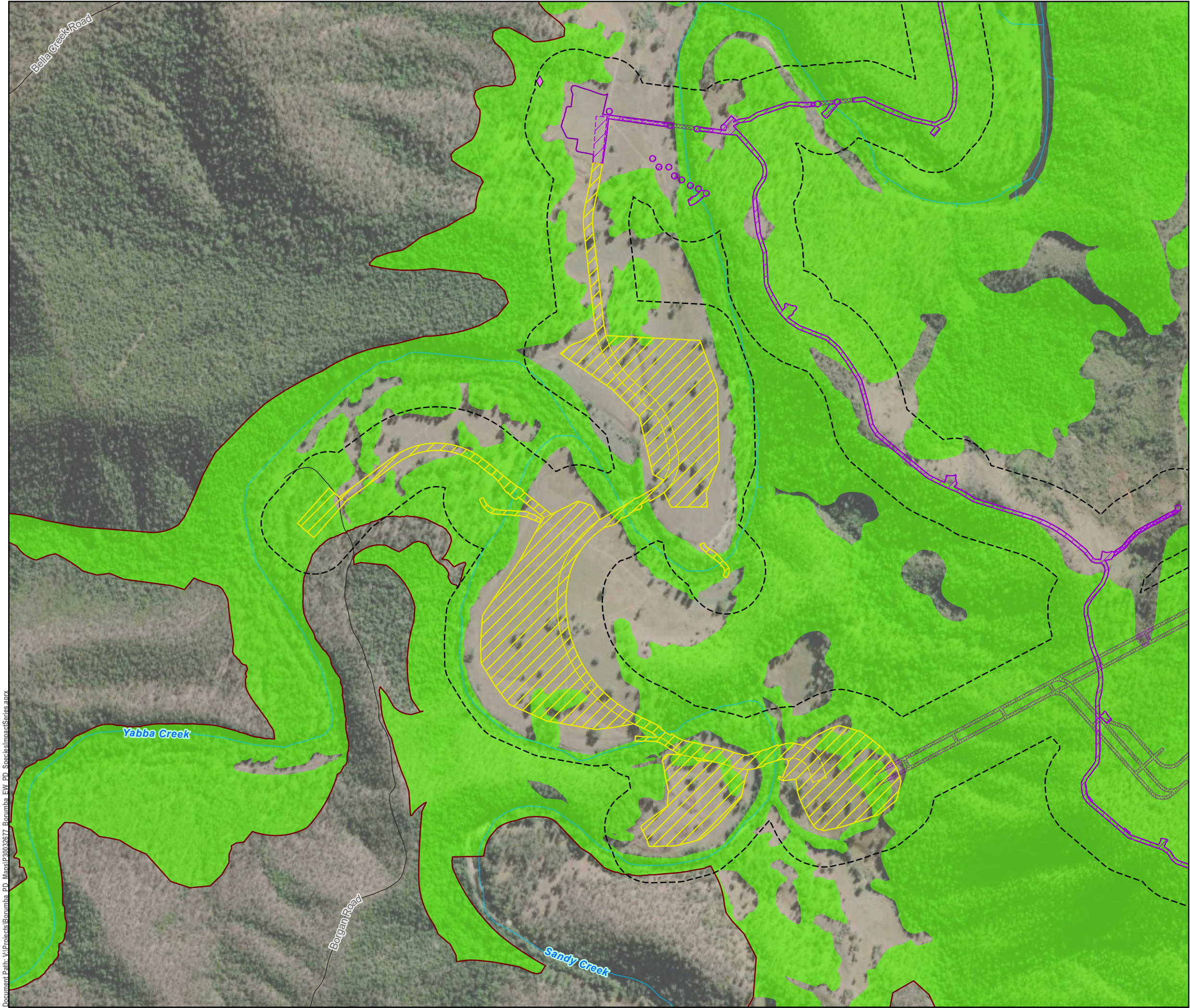
Preliminary Documentation


KNOWN AND POTENTIAL HABITAT FOR GREATER GLIDER (PETAUROIDES VOLANS) AND OBSERVATIONS

PROJECT #:	30032677
CREATED BY:	CW
LAST MODIFIED:	NC17428, 17/09/2025
REVISION:	B


Figure

A4 E-17






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LEGEND


 Watercourses

 Local Roads


Exploratory Works Project


Project footprint by work area


 Area 3 - Walkers Top

 Area 4 - Borgan


Project area by work area


 Area 3 - Walkers Top


 Area 3 - Walkers Top (Underground)


 Area 4 - Borgan

Survey Areas

 Exploratory Works Survey Area

 Borgan PHES Survey Area

 Long-nosed potoroo record

 Long-nosed potoroo potential habitat

Data Sources:

- State controlled roads - Queensland © State of Queensland (Department of Transport and Main Roads) 2020
- Site Layout Items @ SMEC, 2022
- Cadastral © State of Queensland (Department of Natural Resources, Mines and Energy) 2022
- Vegetation management regional ecosystem map - version 12.02 © State of Queensland (Department of Resources) 2022-11-07 (publication)
- GTRE / GT TEC/ GT SPECIES @ Umwelt and Attero, 2022
- World Imagery Basemap @ Esri, Maxar, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community

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Exploratory Works Project

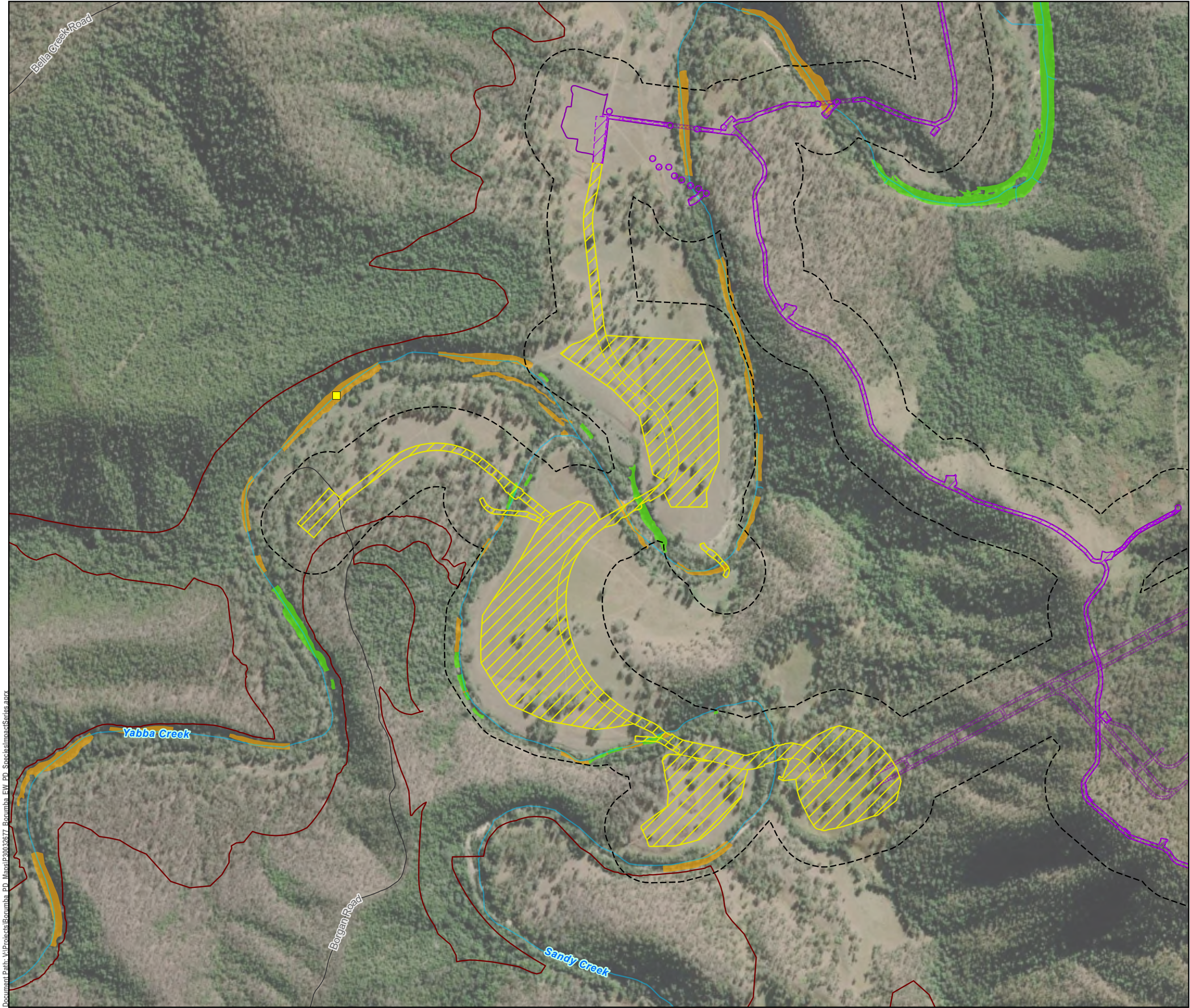
Preliminary Documentation


KNOWN AND POTENTIAL HABITAT FOR LONG-NOSED POTOROO (POTOROUS TRIDACTYLUS TRIDACTYLUS) AND OBSERVATIONS

PROJECT #:	30032677
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LAST MODIFIED:	NC17428, 17/09/2025
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Figure

A4 E-18






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LEGEND


 Watercourses

 Local Roads


Exploratory Works Project


Project footprint by work area


 Area 3 - Walkers Top

 Area 4 - Borgan


Project area by work area


 Area 3 - Walkers Top


 Area 3 - Walkers Top (Underground)


 Area 4 - Borgan


Survey Areas

 Exploratory Works Survey Area

 Borumba PHES Survey Area

 Mary River cod record*

 Mary River cod foraging habitat

 Mary River cod spawning and foraging habitat

***Records located outside of mapped habitat are sourced from the Atlas of Living Australia (ALA). ALA generalises data from 1-10 km meaning that points do not represent the exact location of the record.**

Data Sources:

1. State controlled roads - Queensland © State of Queensland (Department of Transport and Main Roads) 2020
2. Site Layout Items @ SMEC, 2022
3. Cadastre © State of Queensland (Department of Natural Resources, Mines and Energy) 2022
4. Vegetation management regional ecosystem map - version 12.02 © State of Queensland (Department of Resources) 2022-11-07 (publication)
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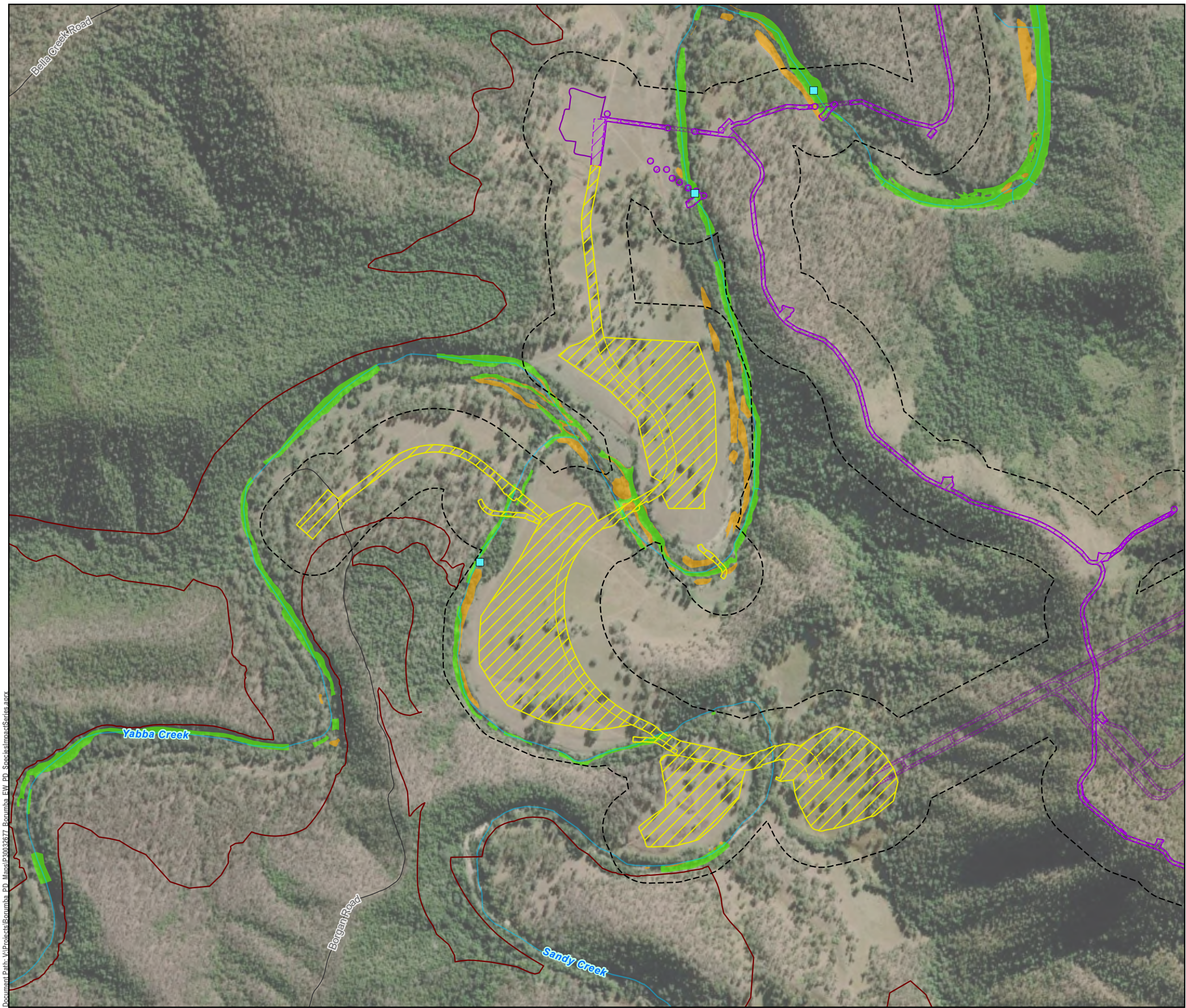
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Exploratory Works Project Preliminary Documentation

KNOWN AND POTENTIAL HABITAT FOR MARY RIVER COD (MACCULLOCHELLA MARIENSIS) AND OBSERVATIONS


PROJECT #:	30032677
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REVISION:	B

Figure A4 E-19






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LEGEND


 Watercourses

 Local Roads


Exploratory Works Project


Project footprint by work area


 Area 3 - Walkers Top

 Area 4 - Borgan


Project area by work area


 Area 3 - Walkers Top


 Area 3 - Walkers Top (Underground)


 Area 4 - Borgan


Survey Areas

 Exploratory Works Survey Area

 Borumba PHES Survey Area

 Mary River turtle record

 Mary River turtle foraging habitat

 Mary River turtle nesting habitat

Data Sources:

- State controlled roads - Queensland © State of Queensland (Department of Transport and Main Roads) 2020
- Site Layout Items @ SMEC, 2022
- Cadastral © State of Queensland (Department of Natural Resources, Mines and Energy) 2022
- Vegetation management regional ecosystem map - version 12.02 © State of Queensland (Department of Resources) 2022-11-07 (publication)
- GTRE / GT TEC/ GT SPECIES @ Umwelt and Attero, 2022
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Exploratory Works Project

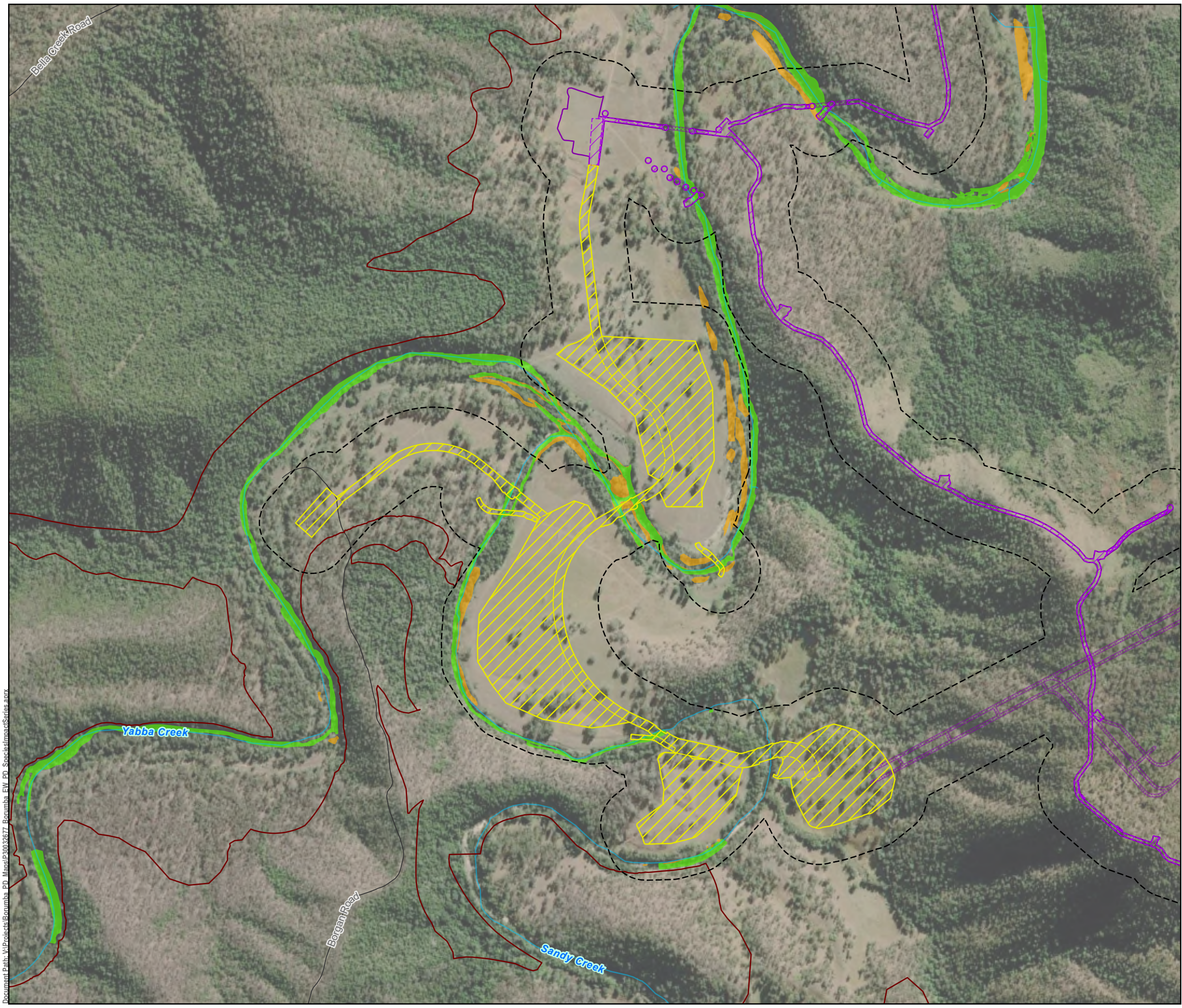
Preliminary Documentation


KNOWN AND POTENTIAL HABITAT FOR MARY RIVER TURTLE (ELUSOR MACRURUS) AND OBSERVATIONS

PROJECT #:	30032677
CREATED BY:	CW
LAST MODIFIED:	NC17428, 17/09/2025
REVISION:	B


Figure

A4 E-20






GDA2020 MGA Zone 56




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LEGEND


 Watercourses

 Local Roads


Exploratory Works Project


Project footprint by work area


 Area 3 - Walkers Top

 Area 4 - Borgan


Project area by work area


 Area 3 - Walkers Top


 Area 3 - Walkers Top (Underground)


 Area 4 - Borgan

Survey Areas

 Exploratory Works Survey Area

 Borumba PHES Survey Area

 White-throated snapping turtle nesting habitat

 White-throated snapping turtle foraging habitat

***Records located outside of mapped habitat are sourced from the Atlas of Living Australia (ALA). ALA generalises data from 1-10 km meaning that points do not represent the exact location of the record.**

Data Sources:

1. State controlled roads - Queensland © State of Queensland (Department of Transport and Main Roads) 2020
2. Site Layout Items @ SMEC, 2022
3. Cadastre © State of Queensland (Department of Natural Resources, Mines and Energy) 2022
4. Vegetation management regional ecosystem map - version 12.02 © State of Queensland (Department of Resources) 2022-11-07 (publication)
5. GTRE / GT TEC/ GT SPECIES @ Umwelt and Attero, 2022
6. World Imagery Basemap @ Esri, Maxar, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community

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Exploratory Works Project

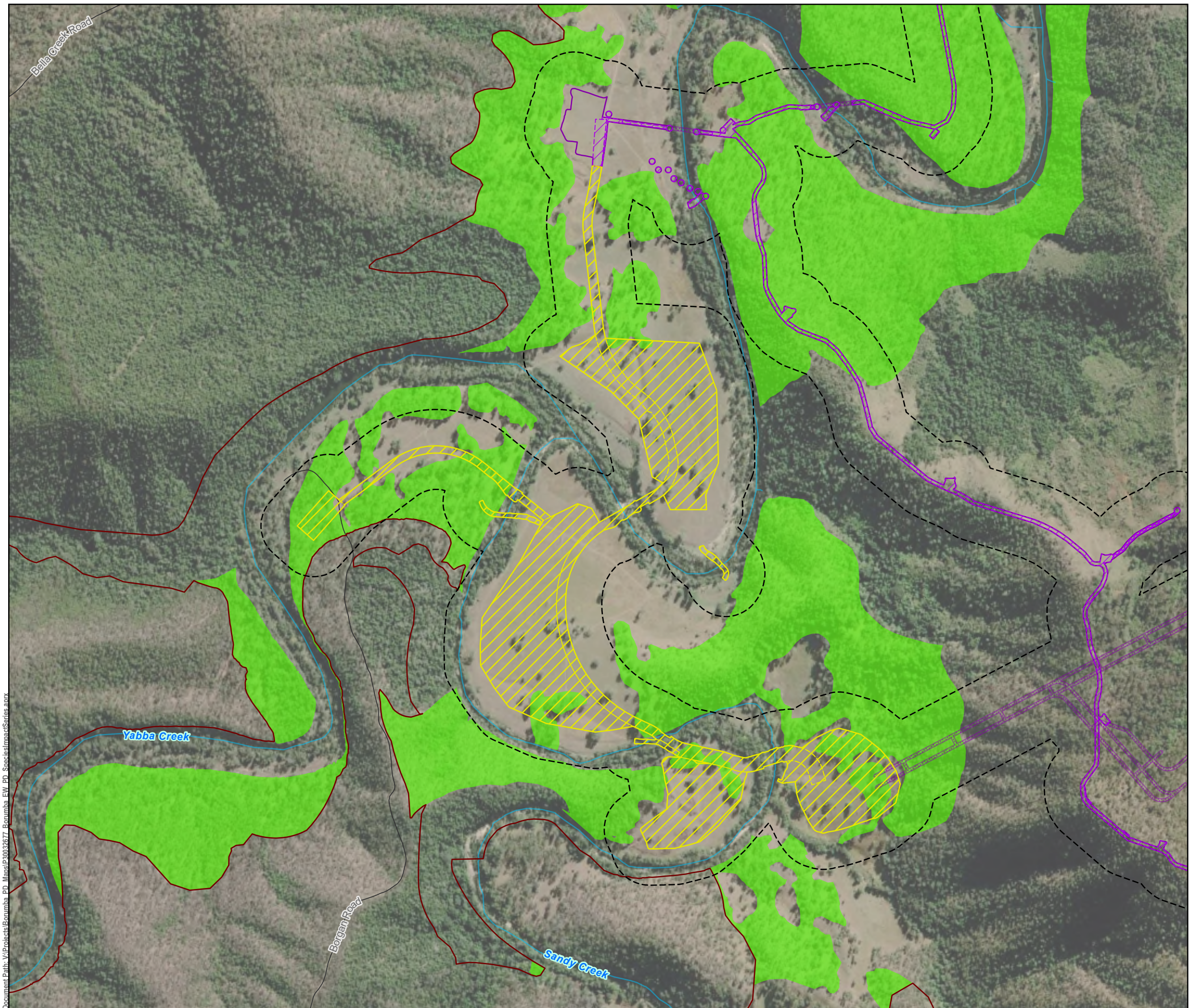
Preliminary Documentation

KNOWN AND POTENTIAL HABITAT FOR WHITE-THROATED SNAPPING TURTLE (ELSEYA ALBAGULA) AND OBSERVATIONS

PROJECT #:	30032677
CREATED BY:	CW
LAST MODIFIED:	NC17428, 17/09/2025
REVISION:	B

Figure

A4 E-21



- LEGEND**
- Watercourses
 - Local Roads
 - Exploratory Works Project**
 - Project footprint by work area**
 - Area 3 - Walkers Top
 - Area 4 - Borgan
 - Project area by work area**
 - Area 3 - Walkers Top
 - Area 3 - Walkers Top (Underground)
 - Area 4 - Borgan
 - Survey Areas**
 - Exploratory Works Survey Area
 - Borumba PHES Survey Area
 - Austral toadflax potential habitat

Data Sources:

- State controlled roads - Queensland © State of Queensland (Department of Transport and Main Roads) 2020
- Site Layout Items @ SMEC, 2022
- Cadastral © State of Queensland (Department of Natural Resources, Mines and Energy) 2022
- Vegetation management regional ecosystem map - version 12.02 © State of Queensland (Department of Resources) 2022-11-07 (publication)
- GTRE / GT TEC/ GT SPECIES @ Umwelt and Atterro, 2022
- World Imagery Basemap @ Esri, Maxar, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community

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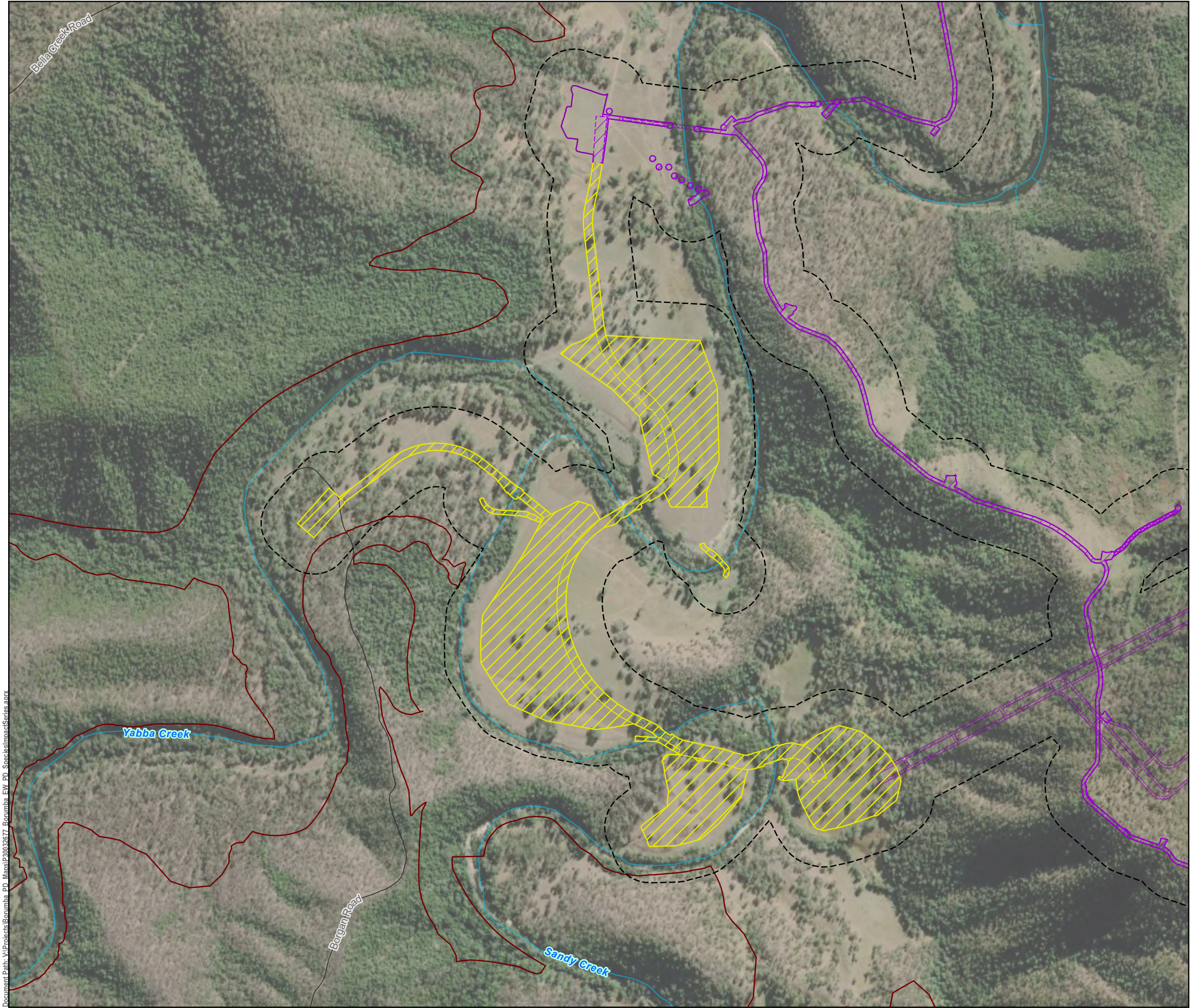
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**Exploratory Works Project
Preliminary Documentation**

**KNOWN AND POTENTIAL HABITAT FOR AUSTRAL
TOADFLAX (THESIUM AUSTRALE) AND
OBSERVATIONS**


PROJECT #: 30032677
CREATED BY: CW
LAST MODIFIED: NC17428, 17/09/2025
REVISION: B

**Figure
A4 E-22**






GDA2020 MGA Zone 56




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LEGEND


 Watercourses

 Local Roads


Exploratory Works Project


Project footprint by work area


 Area 3 - Walkers Top

 Area 4 - Borgan


Project area by work area


 Area 3 - Walkers Top

 Area 3 - Walkers Top (Underground)

 Area 4 - Borgan

Survey Areas

 Exploratory Works Survey Area

 Borumba PHES Survey Area

Data Sources:

- State controlled roads - Queensland © State of Queensland (Department of Transport and Main Roads) 2020
- Site Layout Items @ SMEC, 2022
- Cadastral © State of Queensland (Department of Natural Resources, Mines and Energy) 2022
- Vegetation management regional ecosystem map - version 12.02 © State of Queensland (Department of Resources) 2022-11-07 (publication)
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Exploratory Works Project

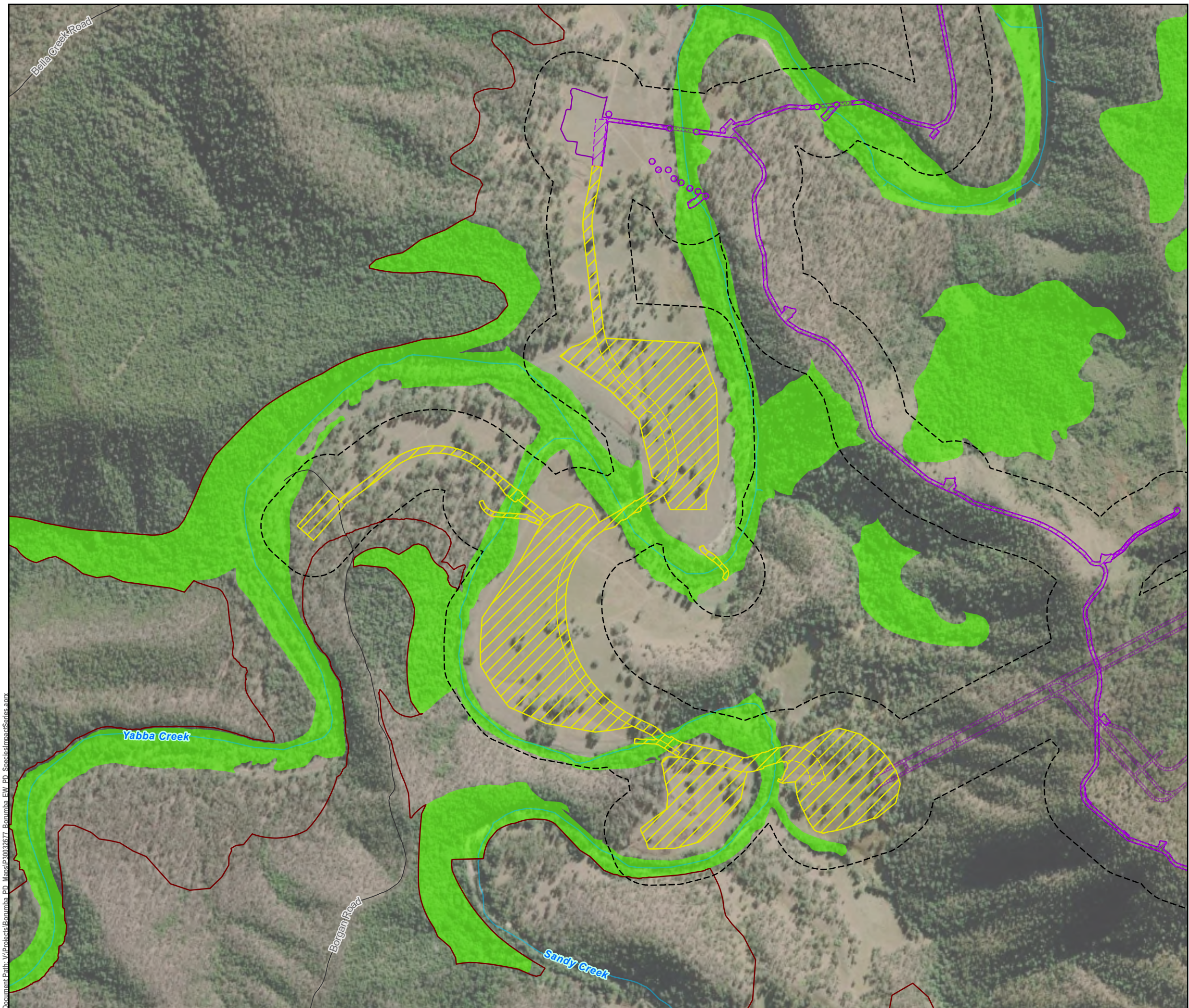
Preliminary Documentation


KNOWN AND POTENTIAL HABITAT FOR BLOTCHED SARCOCHILUS (SARCOCHILUS WEINTHALII) AND OBSERVATIONS

PROJECT #:	30032677
CREATED BY:	CW
LAST MODIFIED:	NC17428, 17/09/2025
REVISION:	B


Figure

A4 E-23






GDA2020 MGA Zone 56




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LEGEND


 Watercourses

 Local Roads


Exploratory Works Project


Project footprint by work area


 Area 3 - Walkers Top

 Area 4 - Borgan


Project area by work area


 Area 3 - Walkers Top


 Area 3 - Walkers Top (Underground)

 Area 4 - Borgan

Survey Areas

 Exploratory Works Survey Area

 Borumba PHES Survey Area

 Hairy-joint grass potential habitat

Data Sources:

- State controlled roads - Queensland © State of Queensland (Department of Transport and Main Roads) 2020
- Site Layout Items @ SMEC, 2022
- Cadastral © State of Queensland (Department of Natural Resources, Mines and Energy) 2022
- Vegetation management regional ecosystem map - version 12.02 © State of Queensland (Department of Resources) 2022-11-07 (publication)
- GTRE / GT TEC/ GT SPECIES @ Umwelt and Attero, 2022
- World Imagery Basemap @ Esri, Maxar, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community

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Exploratory Works Project

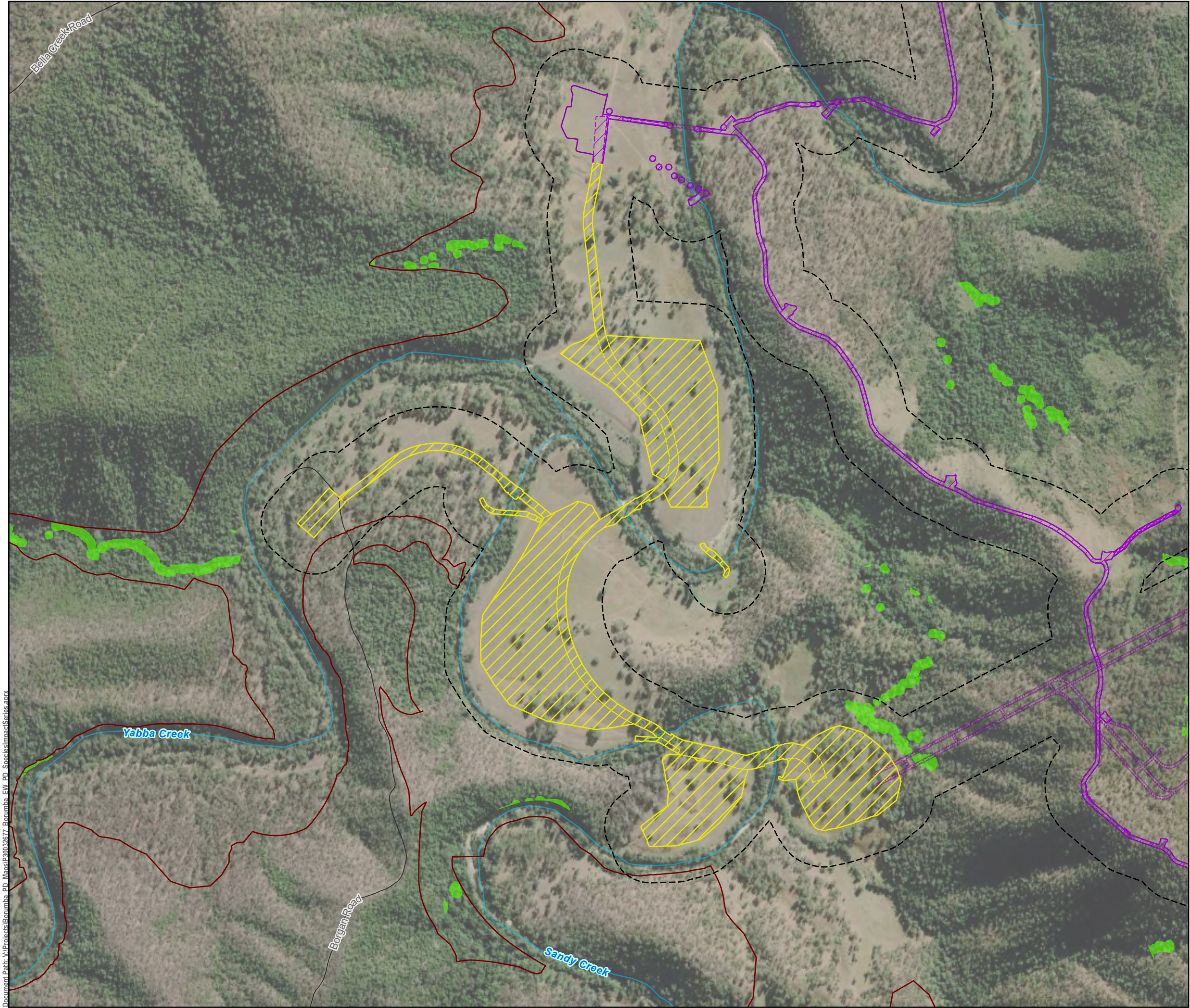
Preliminary Documentation

KNOWN AND POTENTIAL HABITAT FOR HAIRY-JOINT GRASS (ARTHRAOXON HISPIDUS) AND OBSERVATIONS

PROJECT #:	30032677
CREATED BY:	CW
LAST MODIFIED:	NC17428, 17/09/2025
REVISION:	B

Figure

A4 E-24





GDA2020 MGA Zone 56



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LEGEND

 Watercourses

 Local Roads

Exploratory Works Project

Project footprint by work area

 Area 3 - Walkers Top

 Area 4 - Borgan

Project area by work area

 Area 3 - Walkers Top

 Area 3 - Walkers Top (Underground)

 Area 4 - Borgan

Survey Areas

 Exploratory Works Survey Area

 Borumba PHES Survey Area

 Coleus nitidus potential habitat

Data Sources:

1. State controlled roads - Queensland © State of Queensland (Department of Transport and Main Roads) 2020
2. Site Layout Items @ SMEC, 2022
3. Cadastre © State of Queensland (Department of Natural Resources, Mines and Energy) 2022
4. Vegetation management regional ecosystem map - version 12.02 © State of Queensland (Department of Resources) 2022-11-07 (publication)
5. GTRE / GT TEC/ GT SPECIES @ Umwelt and Attero, 2022
6. World Imagery Basemap @ Esri, Maxar, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community

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Exploratory Works Project

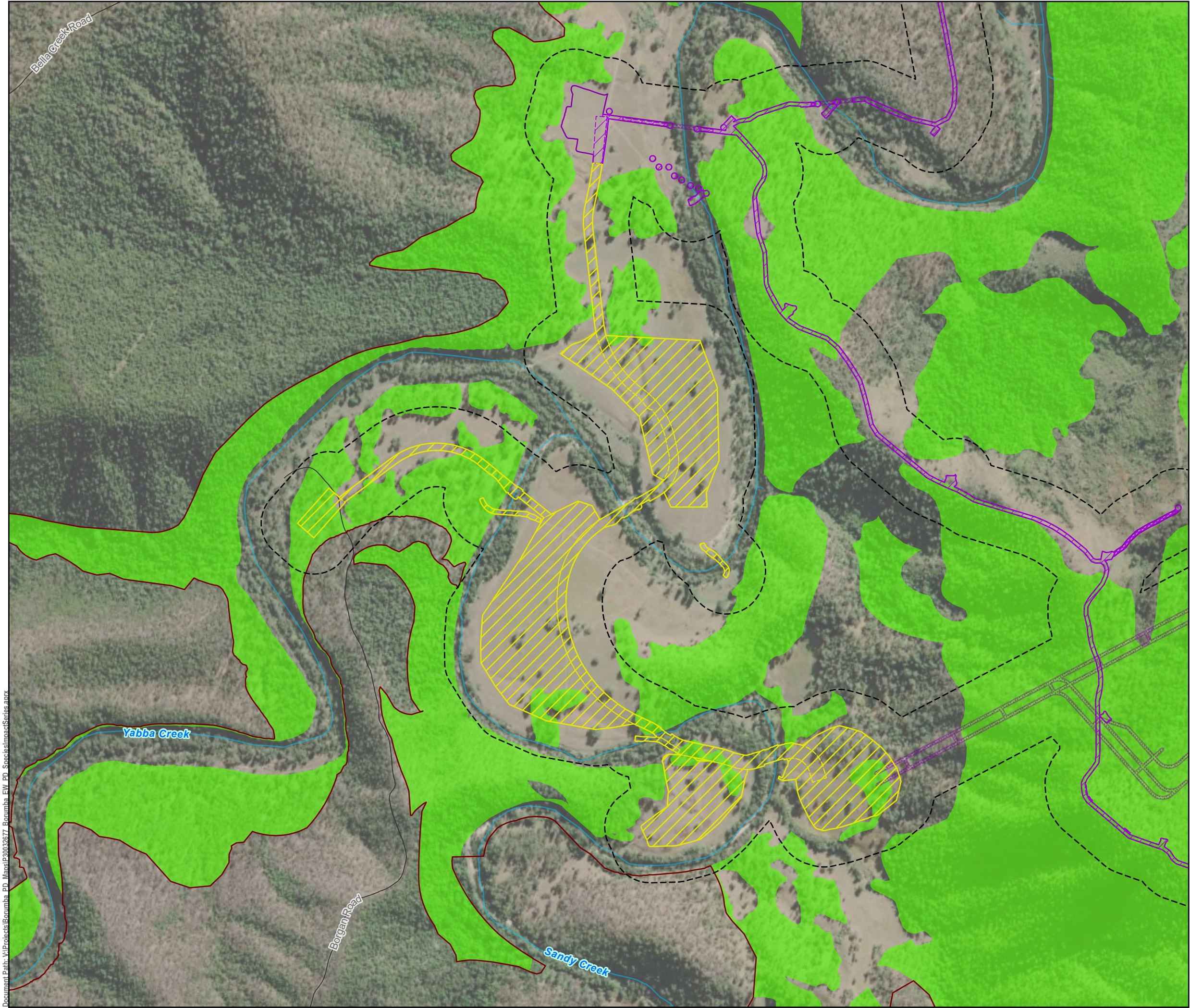
Preliminary Documentation


KNOWN AND POTENTIAL HABITAT FOR NIGHTCAP COLEUS (COLEUS NITIDUS) AND OBSERVATIONS

PROJECT #:	30032677
CREATED BY:	CW
LAST MODIFIED:	NC17428, 17/09/2025
REVISION:	B


Figure

A4 E-25






GDA2020 MGA Zone 56




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LEGEND


 Watercourses

 Local Roads


Exploratory Works Project


Project footprint by work area


 Area 3 - Walkers Top

 Area 4 - Borgan


Project area by work area


 Area 3 - Walkers Top


 Area 3 - Walkers Top (Underground)

 Area 4 - Borgan

Survey Areas

 Exploratory Works Survey Area

 Borumba PHES Survey Area

 Quassia potential habitat

Data Sources:

- State controlled roads - Queensland © State of Queensland (Department of Transport and Main Roads) 2020
- Site Layout Items @ SMEC, 2022
- Cadastral © State of Queensland (Department of Natural Resources, Mines and Energy) 2022
- Vegetation management regional ecosystem map - version 12.02 © State of Queensland (Department of Resources) 2022-11-07 (publication)
- GTRE / GT TEC/ GT SPECIES @ Umwelt and Attero, 2022
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Exploratory Works Project

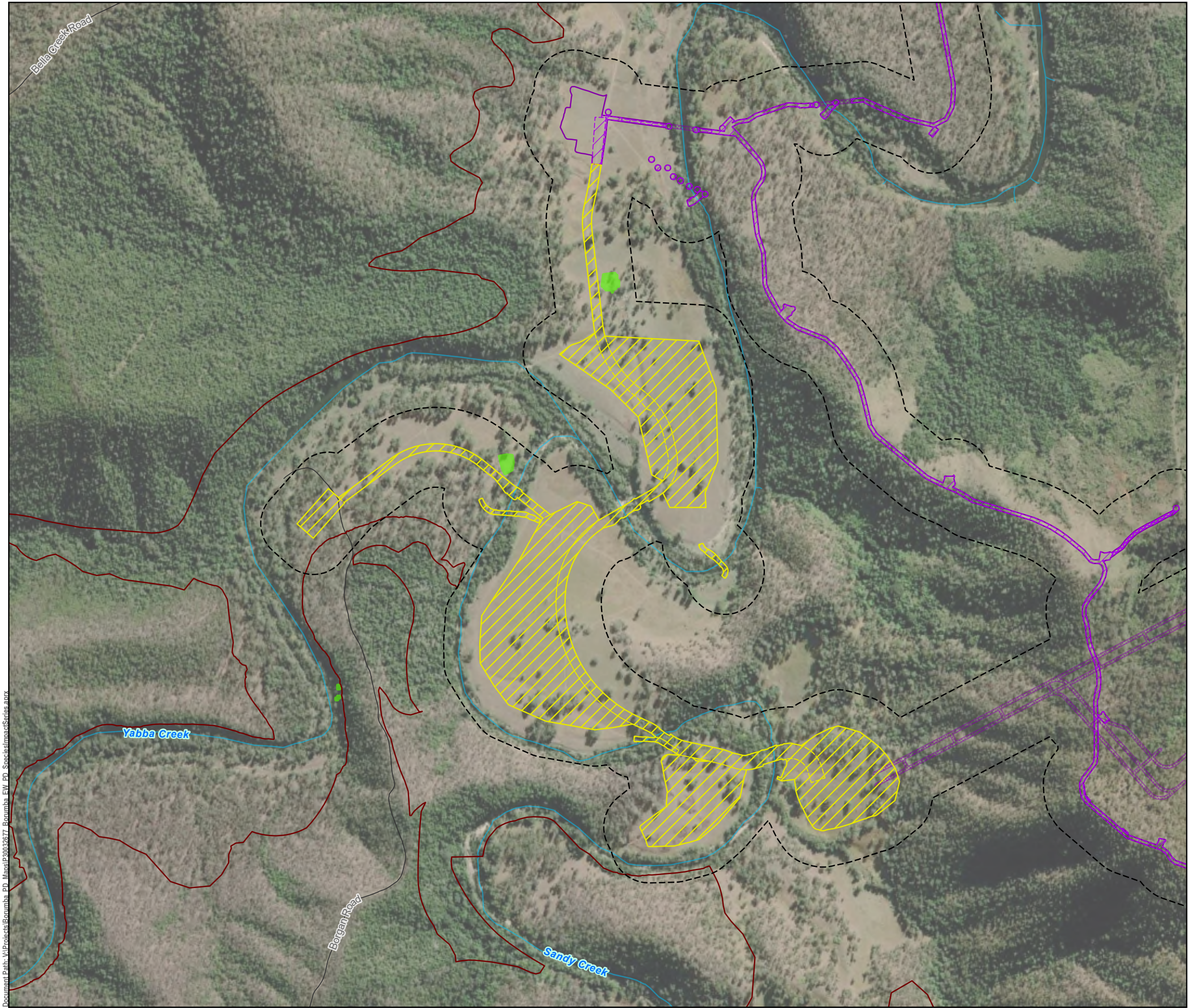
Preliminary Documentation

KNOWN AND POTENTIAL HABITAT FOR QUASSIA (SAMADERA BIDWILLII) AND OBSERVATIONS

PROJECT #:	30032677
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REVISION:	B

Figure

A4 E-26



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LEGEND

- Watercourses
- Local Roads

Exploratory Works Project

Project footprint by work area

- Area 3 - Walkers Top
- Area 4 - Borgan

Project area by work area

- Area 3 - Walkers Top
- Area 3 - Walkers Top (Underground)
- Area 4 - Borgan

Survey Areas

- Exploratory Works Survey Area
- Borumba PHES Survey Area
- Australian painted snipe potential habitat

Data Sources:

- State controlled roads - Queensland © State of Queensland (Department of Transport and Main Roads) 2020
- Site Layout Items @ SMEC, 2022
- Cadastral © State of Queensland (Department of Natural Resources, Mines and Energy) 2022
- Vegetation management regional ecosystem map - version 12.02 © State of Queensland (Department of Resources) 2022-11-07 (publication)
- GTRE / GT TEC/ GT SPECIES @ Umwelt and Atterro, 2022
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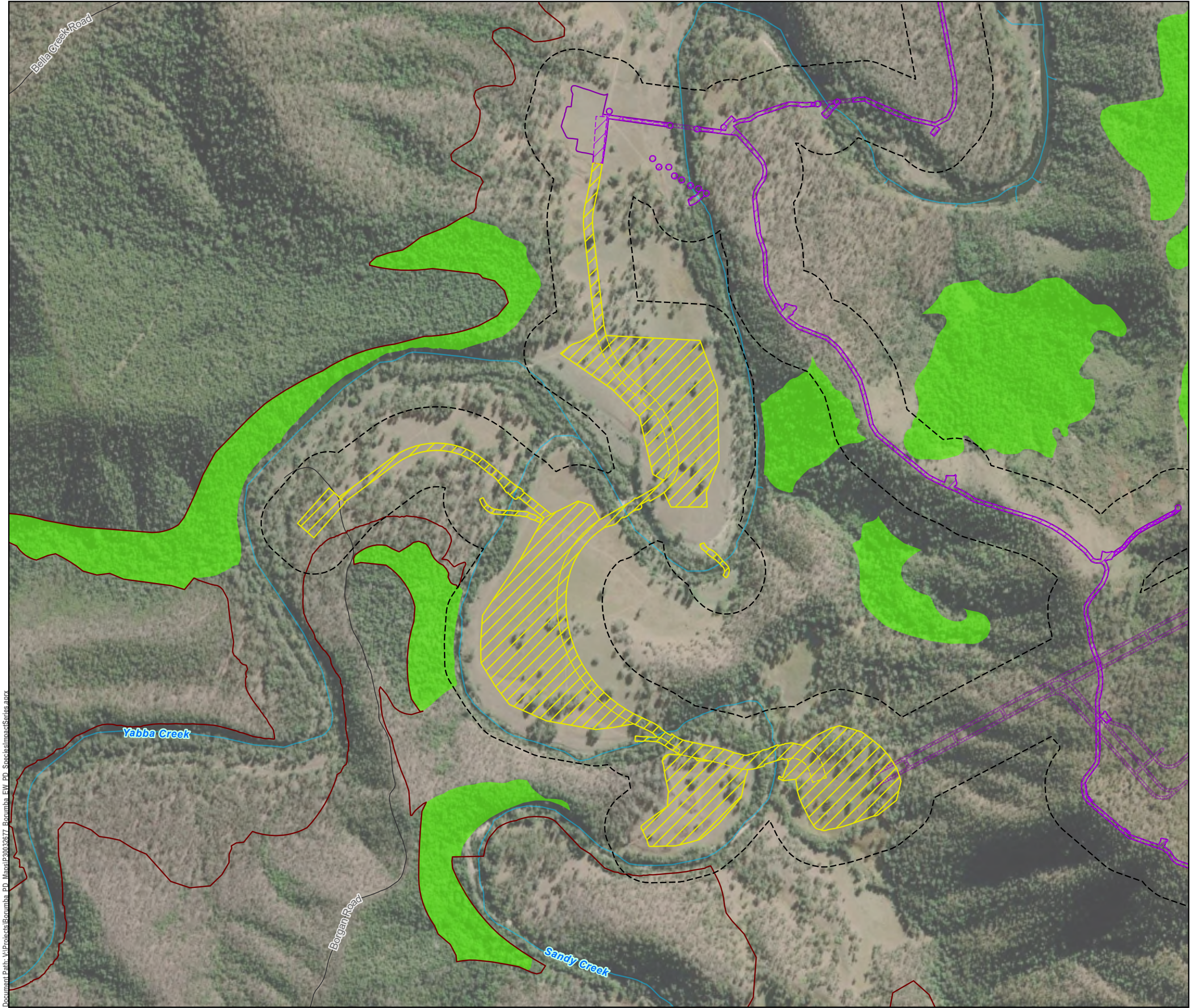
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KNOWN AND POTENTIAL HABITAT FOR
AUSTRALIAN PAINTED SNIPE (ROSTRATULA
AUSTRALIS) AND OBSERVATIONS


PROJECT #: 30032677
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Figure
A4 E-27






GDA2020 MGA Zone 56




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LEGEND


 Watercourses

 Local Roads


Exploratory Works Project


Project footprint by work area


 Area 3 - Walkers Top

 Area 4 - Borgan


Project area by work area


 Area 3 - Walkers Top


 Area 3 - Walkers Top (Underground)

 Area 4 - Borgan

Survey Areas

 Exploratory Works Survey Area

 Borumba PHES Survey Area

 Coxen's fig-parrot potential habitat

Data Sources:

- State controlled roads - Queensland © State of Queensland (Department of Transport and Main Roads) 2020
- Site Layout Items @ SMEC, 2022
- Cadastral © State of Queensland (Department of Natural Resources, Mines and Energy) 2022
- Vegetation management regional ecosystem map - version 12.02 © State of Queensland (Department of Resources) 2022-11-07 (publication)
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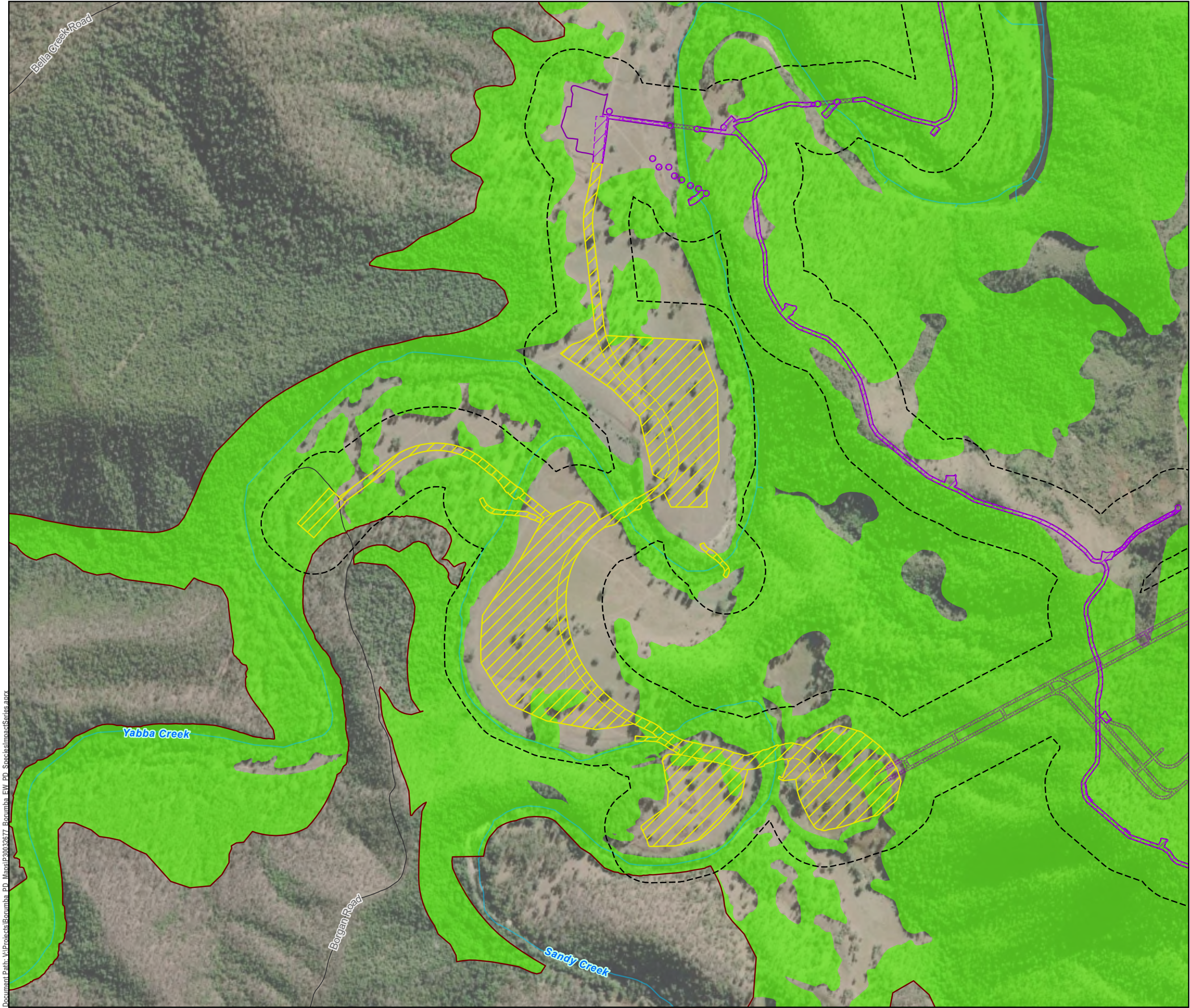
Preliminary Documentation

KNOWN AND POTENTIAL HABITAT FOR COXEN'S FIG-PARROT (CYCLOPSITTA DIOPHTHALMA COXENI) AND OBSERVATIONS

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Figure

A4 E-28





GDA2020 MGA Zone 56



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LEGEND

 Watercourses

 Local Roads

Exploratory Works Project

Project footprint by work area

 Area 3 - Walkers Top

 Area 4 - Borgan

Project area by work area

 Area 3 - Walkers Top

 Area 3 - Walkers Top (Underground)

 Area 4 - Borgan

Survey Areas

 Exploratory Works Survey Area

 Borumba PHES Survey Area

 Northern quoll potential habitat

Data Sources:

- State controlled roads - Queensland © State of Queensland (Department of Transport and Main Roads) 2020
- Site Layout Items @ SMEC, 2022
- Cadastral © State of Queensland (Department of Natural Resources, Mines and Energy) 2022
- Vegetation management regional ecosystem map - version 12.02 © State of Queensland (Department of Resources) 2022-11-07 (publication)
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Exploratory Works Project

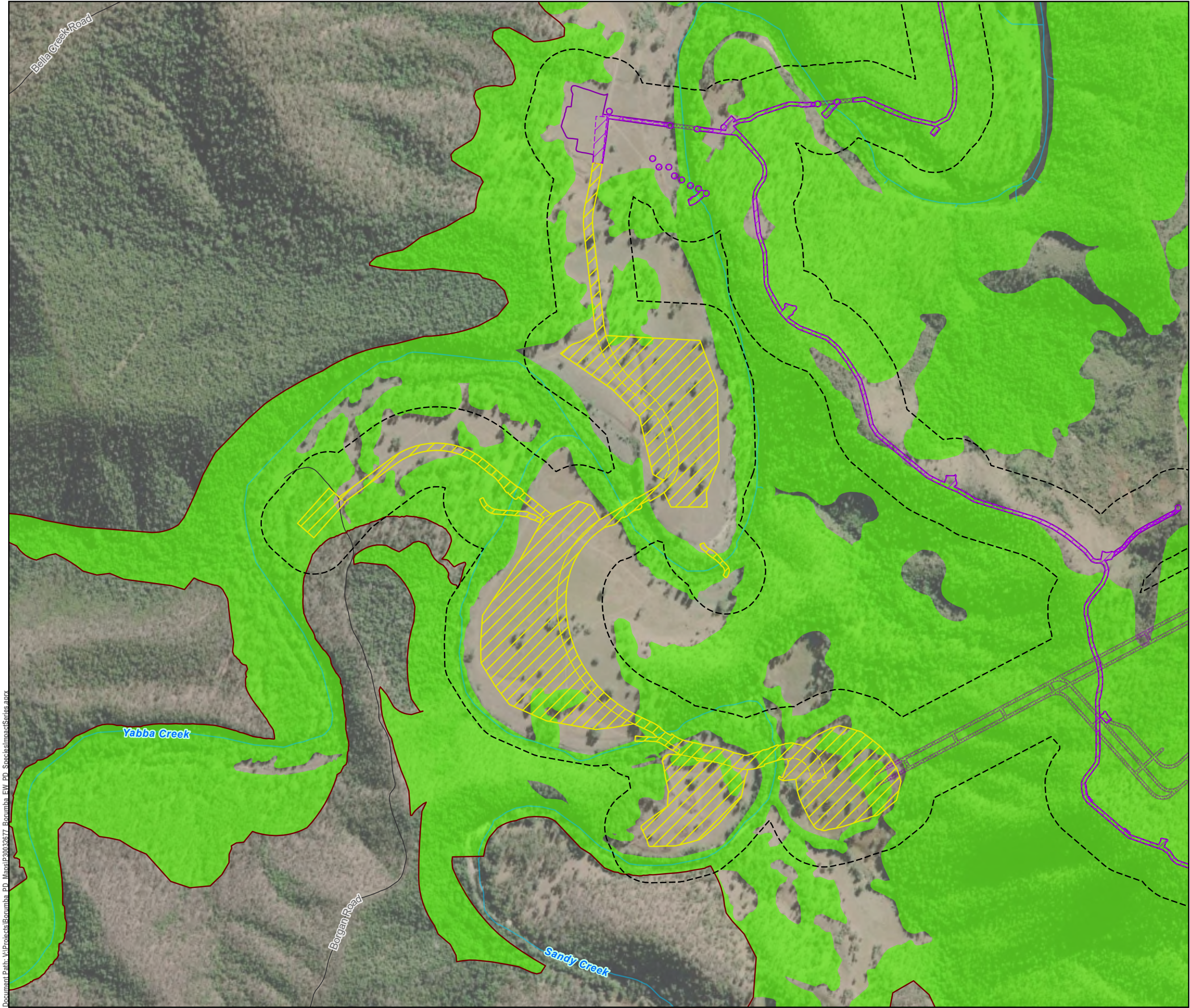
Preliminary Documentation

KNOWN AND POTENTIAL HABITAT FOR NORTHERN QUOLL (DASYURUS HALLUCATUS) AND OBSERVATIONS

PROJECT #:	30032677
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Figure

A4 E-29



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LEGEND

Watercourses

Local Roads

Exploratory Works Project

Project footprint by work area

Area 3 - Walkers Top

Area 4 - Borgan

Project area by work area

Area 3 - Walkers Top

Area 3 - Walkers Top (Underground)

Area 4 - Borgan

Survey Areas

Exploratory Works Survey Area

Borumba PHES Survey Area

Spotted-tail quoll potential habitat

Data Sources:

1. State controlled roads - Queensland © State of Queensland (Department of Transport and Main Roads) 2020
2. Site Layout Items @ SMEC, 2022
3. Cadastre © State of Queensland (Department of Natural Resources, Mines and Energy) 2022
4. Vegetation management regional ecosystem map - version 12.02 © State of Queensland (Department of Resources) 2022-11-07 (publication)
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**Exploratory Works Project
Preliminary Documentation**

KNOWN AND POTENTIAL HABITAT FOR SPOTTED-TAIL QUOLL (DASYURUS MACULATUS MACULATUS) AND OBSERVATIONS

PROJECT #: 30032677
CREATED BY: CW
LAST MODIFIED: NC17428, 17/09/2025
REVISION: B

**Figure
A4 E-30**