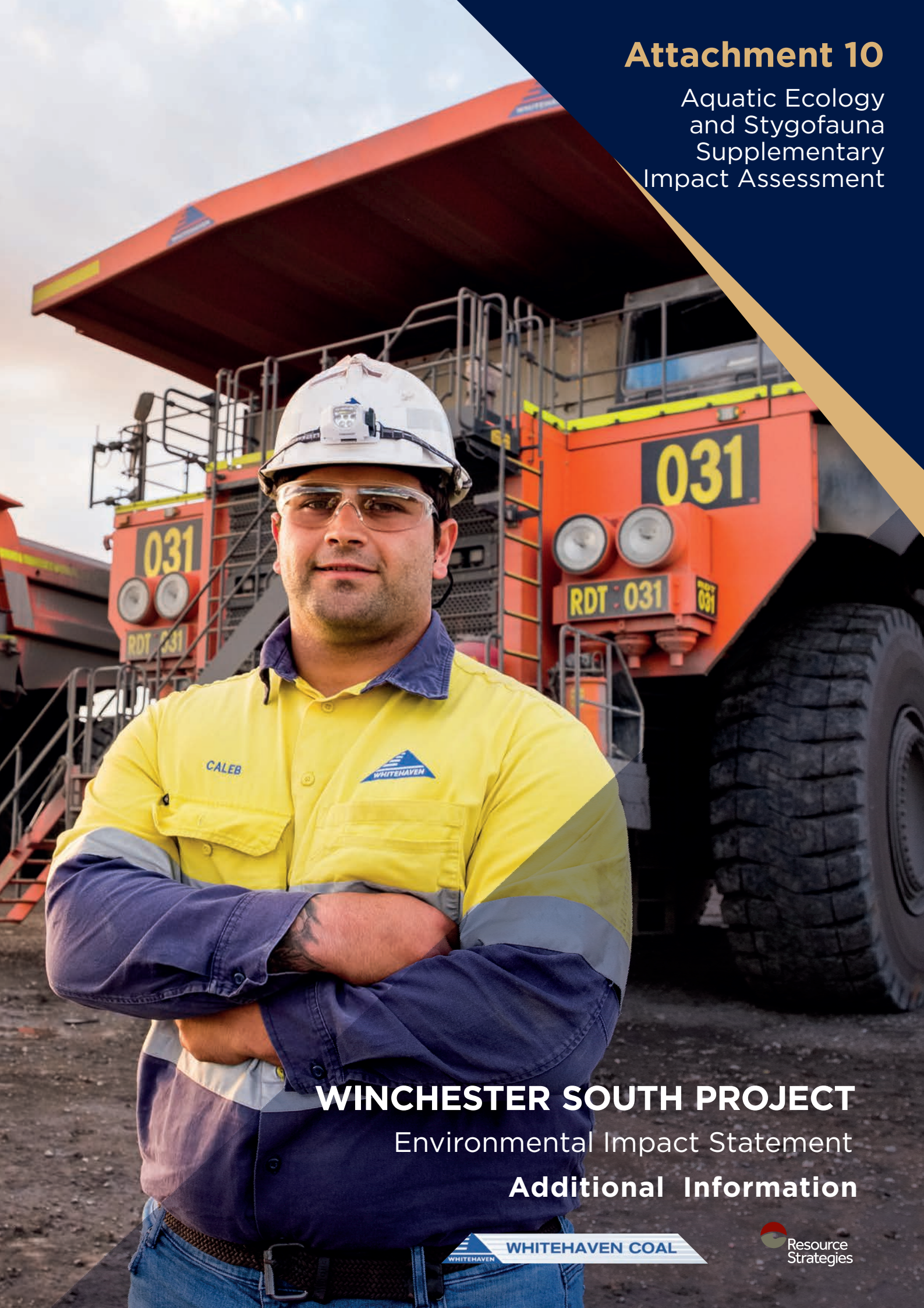


Attachment 10

Aquatic Ecology
and Stygofauna
Supplementary
Impact Assessment



WINCHESTER SOUTH PROJECT

Environmental Impact Statement

Additional Information



WHITEHAVEN COAL



Resource
Strategies

Winchester South Project

Aquatic Ecology and Stygofauna Supplementary Assessment



Prepared for: Whitehaven WS Pty Ltd

Prepared by Ecological Service Professionals Pty Ltd

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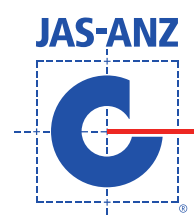


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Executive Summary

Introduction

This report has been prepared by Ecological Service Professionals (ESP) for Whitehaven WS Pty Ltd (Whitehaven WS), a wholly owned subsidiary of Whitehaven Coal Limited. ESP completed the aquatic ecology and stygofauna assessments for the Draft Environmental Impact Statement (Draft EIS) for the Winchester South Project (the Project).

In 2021, Whitehaven WS submitted the Draft EIS for assessment under the *State Development and Public Works Organisation Act 1971* (SDPWO Act), which was placed on public notification by the Office of the Coordinator-General from 4 August 2021 until 15 September 2021. Subsequent to the public notification of the Draft EIS, Whitehaven WS reviewed the mine plan and mine schedule with the aim of reducing environmental impacts of the Project and changing the Project final landform in response to comments raised in submissions.

On 3 December 2021, the Coordinator-General formally requested (in accordance with section 34A of the SDPWO Act) additional information on the environmental effects of the Project and other matters relating to the Project. This report provides a supplementary assessment of potential impacts from the Project on aquatic ecology and stygofauna in consideration of the optimised mine plan and submissions received on the Draft EIS.

Potential Aquatic Ecology Impacts from the Optimised Mine Plan

The optimised Project mine plan reduces the overall surface disturbance extent by approximately 179 hectares (ha) adjacent to the proposed South Pit and West Pit locations. The optimised Project final landform also includes backfilling the previous proposed South Pit mine void and providing a use for all remaining proposed residual voids (i.e. no non-use management areas). The optimised Project mine plan also includes re-establishing a post-mining surface water drainage that is sympathetic with the natural drainage lines.

The optimised Project mine plan would not increase impact on aquatic ecology, but rather have a positive impact on aquatic ecology (compared to the original design), by reducing the overall clearance footprint, and increasing the catchment area reporting to the natural ecosystems (due to backfilling the previous proposed South Pit mine void).

Matters of State Environmental Significance – Waterway Providing for Fish Passage

The *Environmental Offsets Regulation 2014* (EO Regulation) states that any part of a waterway providing for passage of fish is a Matters of State Environmental Significance (MSES) only if the construction, installation or modification of waterway barrier works carried out under an authority will limit the passage of fish along the waterway.

Additional field assessments of waterways providing for fish passage were completed by ESP in February 2022. This included supplementary waterway surveys at 85 assessment points on mapped and un-mapped waterways within the Project area.

The supplementary field surveys found that part of the unnamed northern waterway is a waterway providing for fish passage MSES as defined by the EO Regulation.

There is 3.28 kilometres (km) (constituting 5.28 ha) of the northern unnamed waterway within the mining lease. The majority of the northern unnamed waterway within the mining lease would be avoided. However, the Project would require the removal of up to 46% (1.52 km constituting 2.45 ha) of northern unnamed waterway that equates to the waterway providing for fish passage MSES.

Measures to minimise and mitigate the impacts on the waterway providing for fish passage MSES include:

- management of the northern unnamed waterway outside of the development footprint
- construction of an up-catchment diversion system, and
- reinstating excised portions of the northern unnamed waterway in the final landform.

With the impact avoidance and mitigation measures outlined in Section 2.2.5, the Project is not expected to have a significant residual impact on waterways providing for fish passage. Therefore, no offsets are required for a waterway providing for fish passage.

Waterway Barrier Works – Crossings

No impacts to waterways providing for fish passage are proposed as a result of crossings by linear infrastructure.

Supplementary Stygofauna Surveys and Assessment

During the supplementary survey, stygofauna taxa were recorded from one bore targeting the Isaac River alluvium:

- Ostracods from family Candonidae (2 specimens), and
- Syncarida from family Bathynellidae (10 specimens).

Both of these families are obligate inhabitants of groundwater ecosystems (i.e. stygobites), and are widespread.

The wetlands and farm dams in the locality are not likely to be aquatic groundwater dependant ecosystems (GDEs). Modelling has shown that the Project would result in negligible increased leakage from surface flows of the Isaac River to the underlying alluvium (SLR 2022). Therefore, impacts to surface flows and subsequently aquatic ecosystems downstream of the Project area are not expected.

As such, the Project is not expected to impact subterranean or aquatic GDEs.

1 Introduction

1.1 Background

This report has been prepared by Ecological Service Professionals (ESP) for Whitehaven WS Pty Ltd (Whitehaven WS), a wholly owned subsidiary of Whitehaven Coal Limited. ESP completed the aquatic ecology and stygofauna assessments for the Draft Environmental Impact Statement (Draft EIS) for the Winchester South Project (the Project).

The Project involves the development of an open cut metallurgical coal mine in an existing mining precinct. Products would include metallurgical coal for the steel industry and thermal coal for energy production.

The Project is located approximately 30 kilometres (km) south-east of Moranbah, in the Isaac Regional Council Local Government Area, within the Bowen Basin Coalfield, in Queensland (Figure 1).

In 2021, Whitehaven WS submitted the Draft EIS for assessment under the *State Development and Public Works Organisation Act 1971* (SDPWO Act). The EIS was placed on public notification by the Office of the Coordinator-General (OCG) from 4 August 2021 until 15 September 2021. During and following this period, government advisory agencies, organisations and members of the public provided submissions on the Draft EIS to the OCG.

Subsequent to the public notification of the Draft EIS, Whitehaven WS reviewed the mine plan and mine schedule with the aim of reducing environmental impacts of the Project and changing the Project final landform in response to comments raised in submissions. This review also considered new geological data and the outcomes of processing trials to further refine the mine plan (Figure 2).

On 3 December 2021, the Coordinator-General formally requested (in accordance with section 34A of the SDPWO Act) additional information on the environmental effects of the Project and other matters relating to the Project. This report provides a supplementary assessment of potential impacts from the Project on aquatic ecology and stygofauna in consideration of the optimised mine plan and submissions received on the Draft EIS.

1.2 Optimised Mine Plan

In response to feedback from regulatory and community stakeholders, Whitehaven WS has reviewed the Project mine plan and sequence with the aim of reducing the number of residual voids in the final landform; reducing the impacts of the Project on threatened species habitat and investigating uses for the residual void water bodies (Figure 2 to Figure 6). The optimised Project final landform achieves these by:

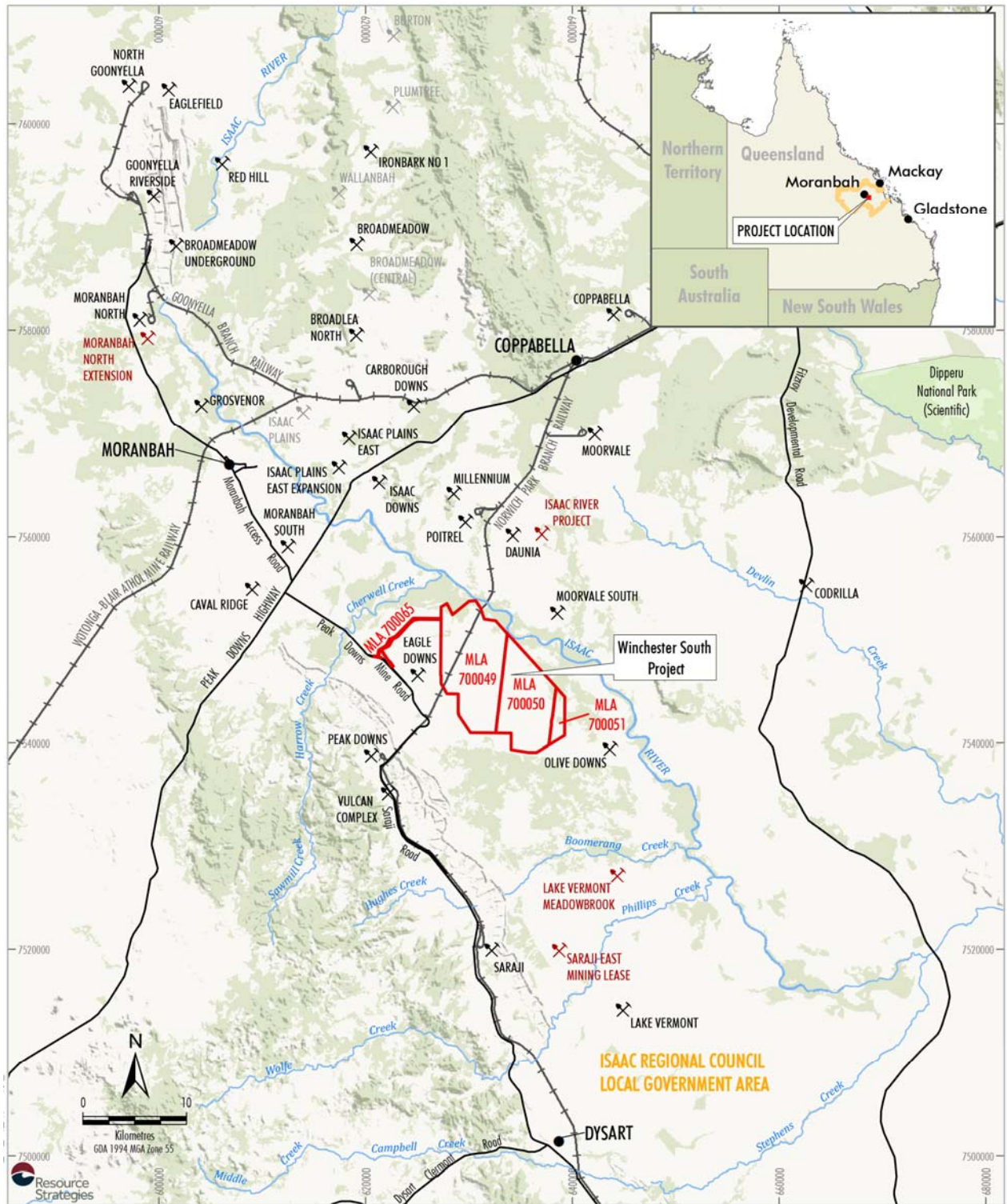
1. Backfilling South Pit mine void (Figure 6).
2. Providing a use for all remaining proposed residual voids, i.e. no non-use management areas.
3. Reducing the overall surface disturbance extent by approximately 179 hectares (ha), with further minimised out-of-pit waste rock emplacements (Figure 4).
4. Smoothing low-walls to minimise slopes greater than 10 degrees (Figure 6).

5. Providing water supply to stock.
6. Re-establishing a post-mining surface water drainage that is sympathetic with the natural drainage lines (Figure 6).

1.3 Submissions

This report provides a supplementary assessment of potential impacts from the Project on aquatic ecology and stygofauna in consideration of the submissions received on the Draft EIS regarding:

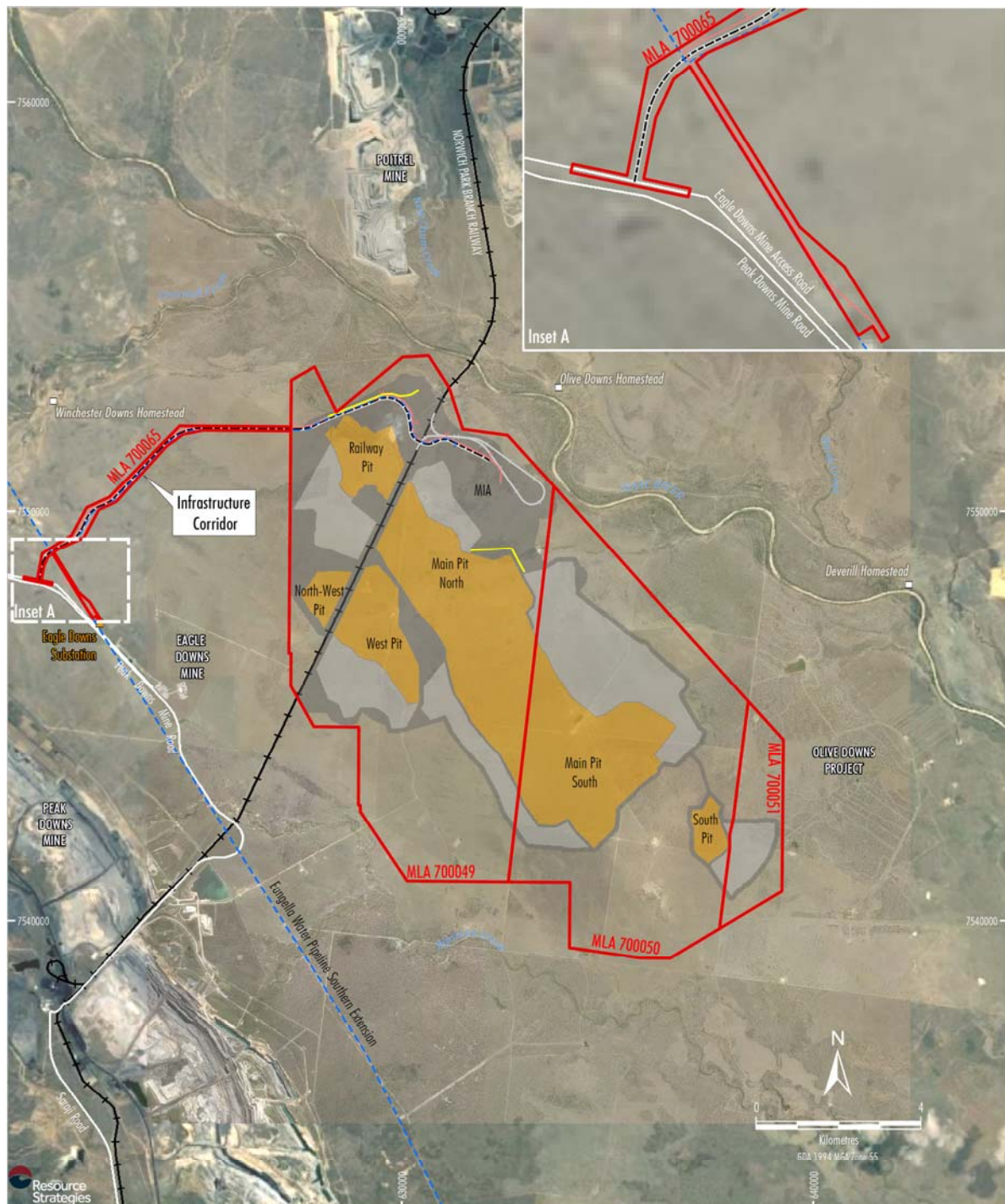
- supplementary fish surveys and review (Section 2.2.1)
- supplementary hydrological modelling related to fish passage (Section 2.2.2)
- identification of waterways providing for fish passage (Section 2.2.3)
- measures to avoid impacts on waterways providing for fish passage (Section 2.2.4)
- measures to minimise and mitigate impacts on waterways providing for fish passage (Section 2.2.5)
- assessment of significant residual impacts on waterways providing for fish passage (Section 2.3)
- offset requirements for waterways providing for fish passage (Section 2.3.1)
- waterway barrier works associated with crossings (Section 2.4), and
- supplementary stygofauna surveys and assessment (Section 2.5).



Source: The State of Queensland (2018 - 2020);
Geoscience Australia (2018)

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WINCHESTER SOUTH PROJECT
Project Location

Figure 1



- LEGEND**
- Mining Lease Application Boundary
 - Enggella Water Pipeline Southern Extension
 - Railway
 - Substation

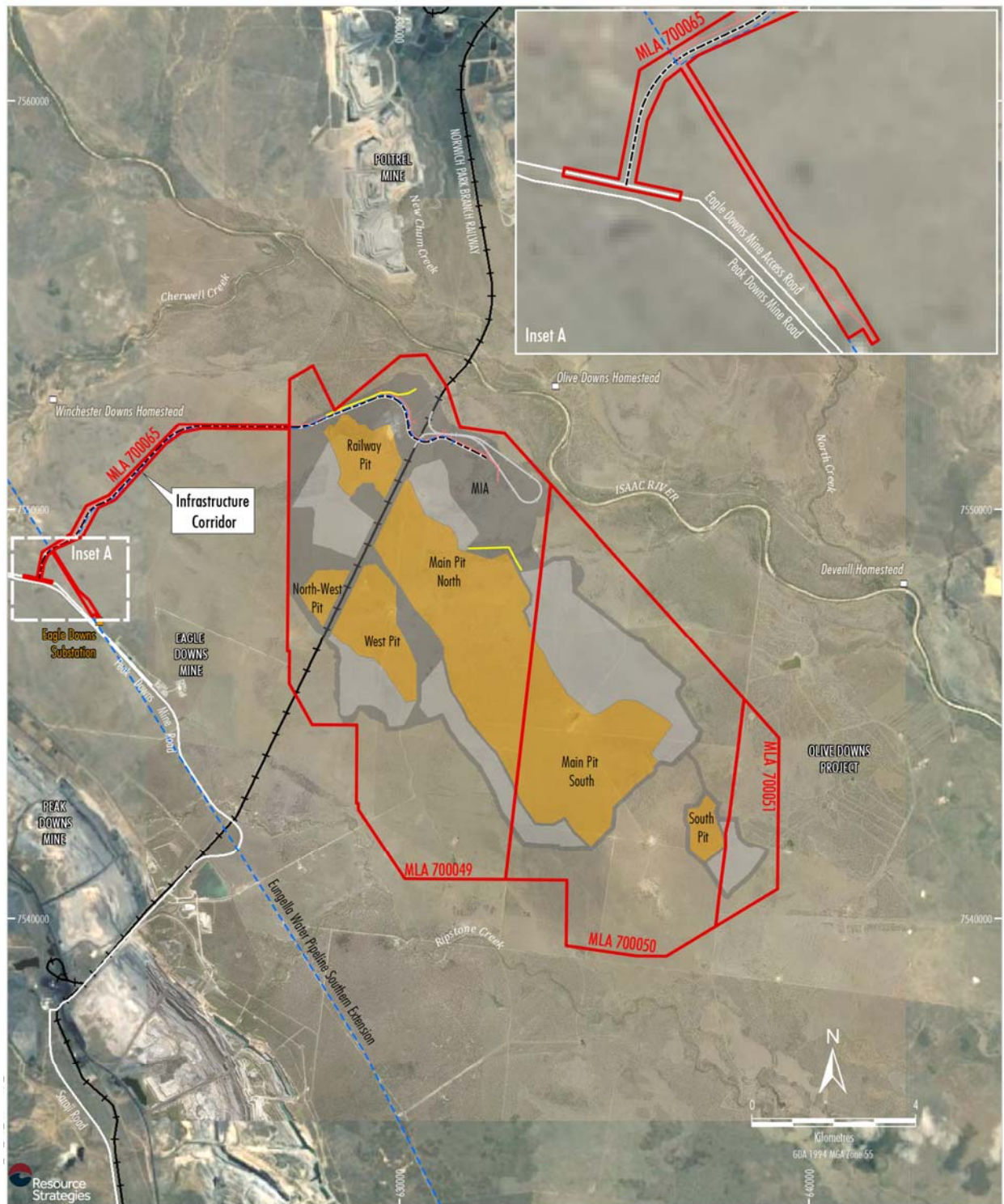
- Project Component***
- Indicative Infrastructure Area
 - Indicative Out-of-pit Waste Rock Emplacement
 - Indicative Open Cut Pit Including In-pit Waste Rock Emplacement
 - Indicative Mine Access Road
 - Indicative Rail Spur and Loop
 - Indicative Electricity Transmission Line
 - Indicative Raw Water Supply Pipeline
 - Indicative Flood Levee

*Note: * Excludes some project components such as water management infrastructure, access tracks, topsoil stockpiles, explosives magazines, power reclamation, temporary offices, other ancillary works and construction disturbance.*

Source: The State of Queensland (2018 - 2020); Whitehaven (2020)
Orthophoto: Google Image (2019); Whitehaven (2017)

WHITEHAVEN COAL
WINCHESTER SOUTH PROJECT
2021 Draft EIS
Project General Arrangement

Figure 2



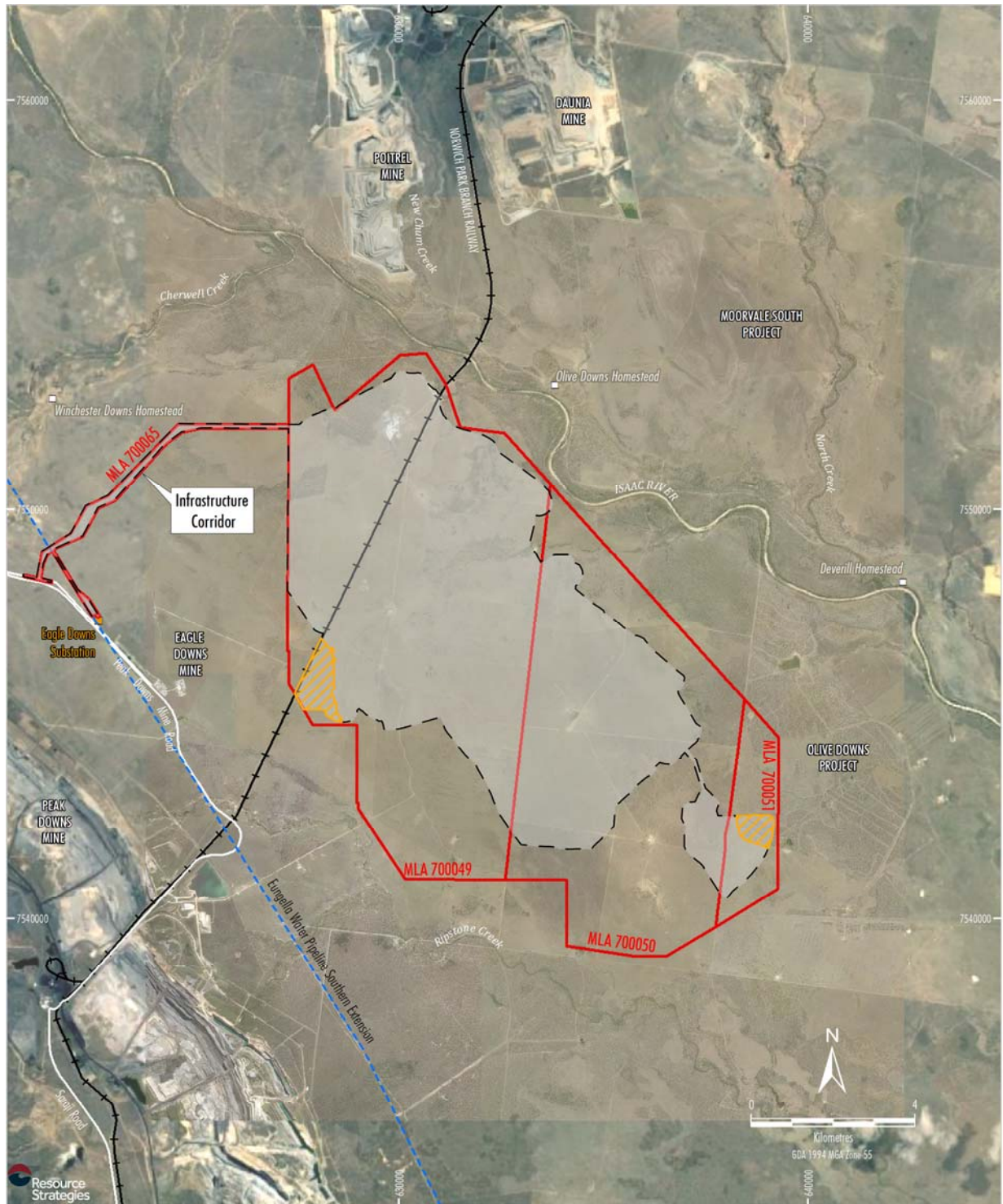
Note: * Excludes some project components such as water management infrastructure, access tracks, topsoil stockpiles, explosives magazines, power reclamation, temporary offices, other ancillary works and construction disturbance.

Source: The State of Queensland (2018 - 2020); Whitehaven (2022)
Orthophoto: Google Image (2019); Whitehaven (2017)

WHITEHAVEN COAL
WINCHESTER SOUTH PROJECT

**Optimised Project General Arrangement
(May 2022)**

Figure 3

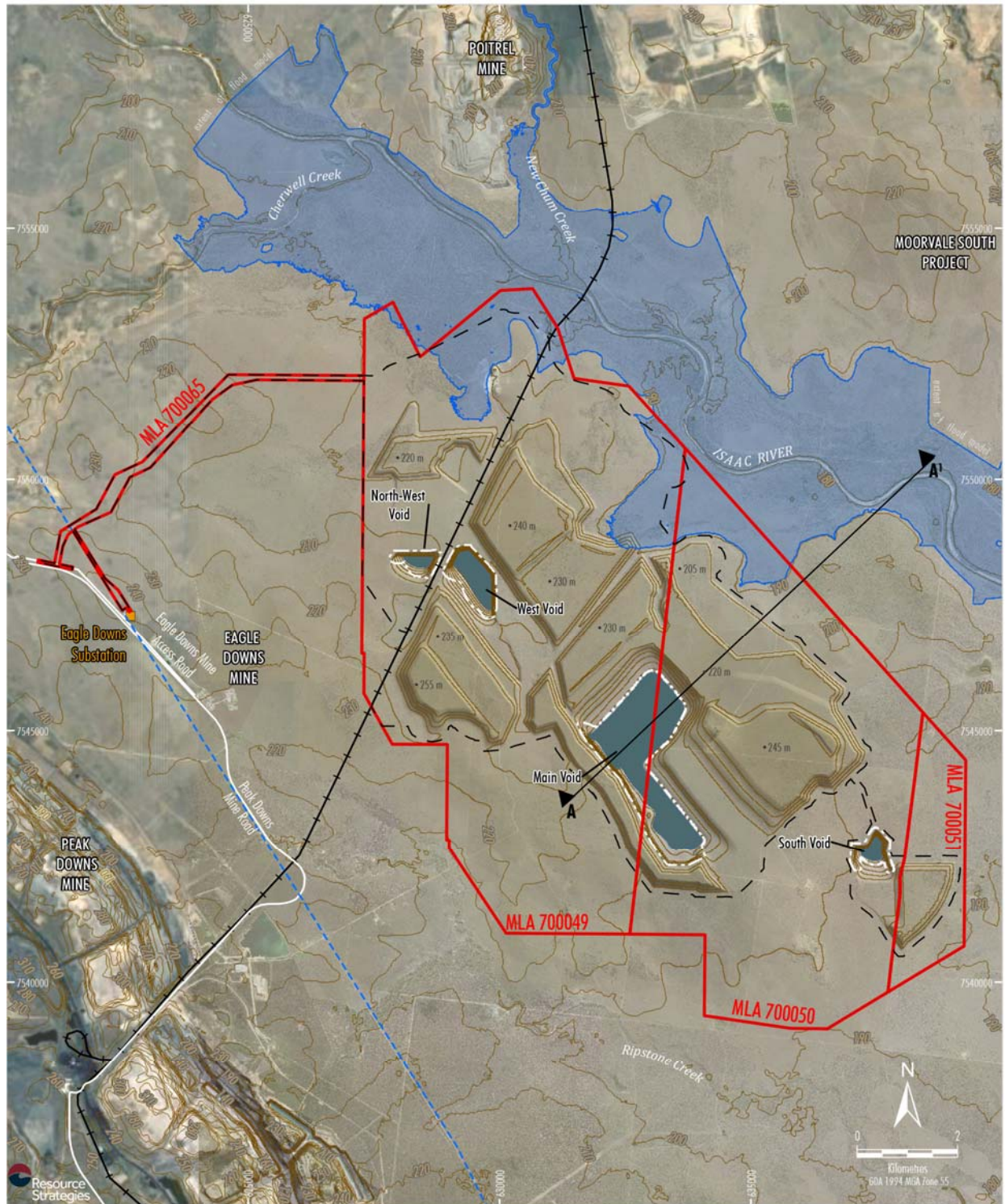


- LEGEND**
- Mining Lease Application Boundary
 - Eungella Water Pipeline Southern Extension
 - Railway
 - Substation
 - Optimised Project Surface Disturbance Extent
 - 2021 Draft EIS Surface Disturbance Extent
 - Differences in the Surface Development Extent

Source: The State of Queensland (2018 - 2020); Whitehaven (2022)
Orthophoto: Google Image (2019); Whitehaven (2017)

WHITEHAVEN COAL
WINCHESTER SOUTH PROJECT
Differences in the
Surface Development Extent

Figure 4



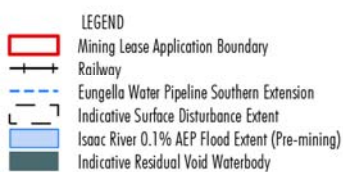
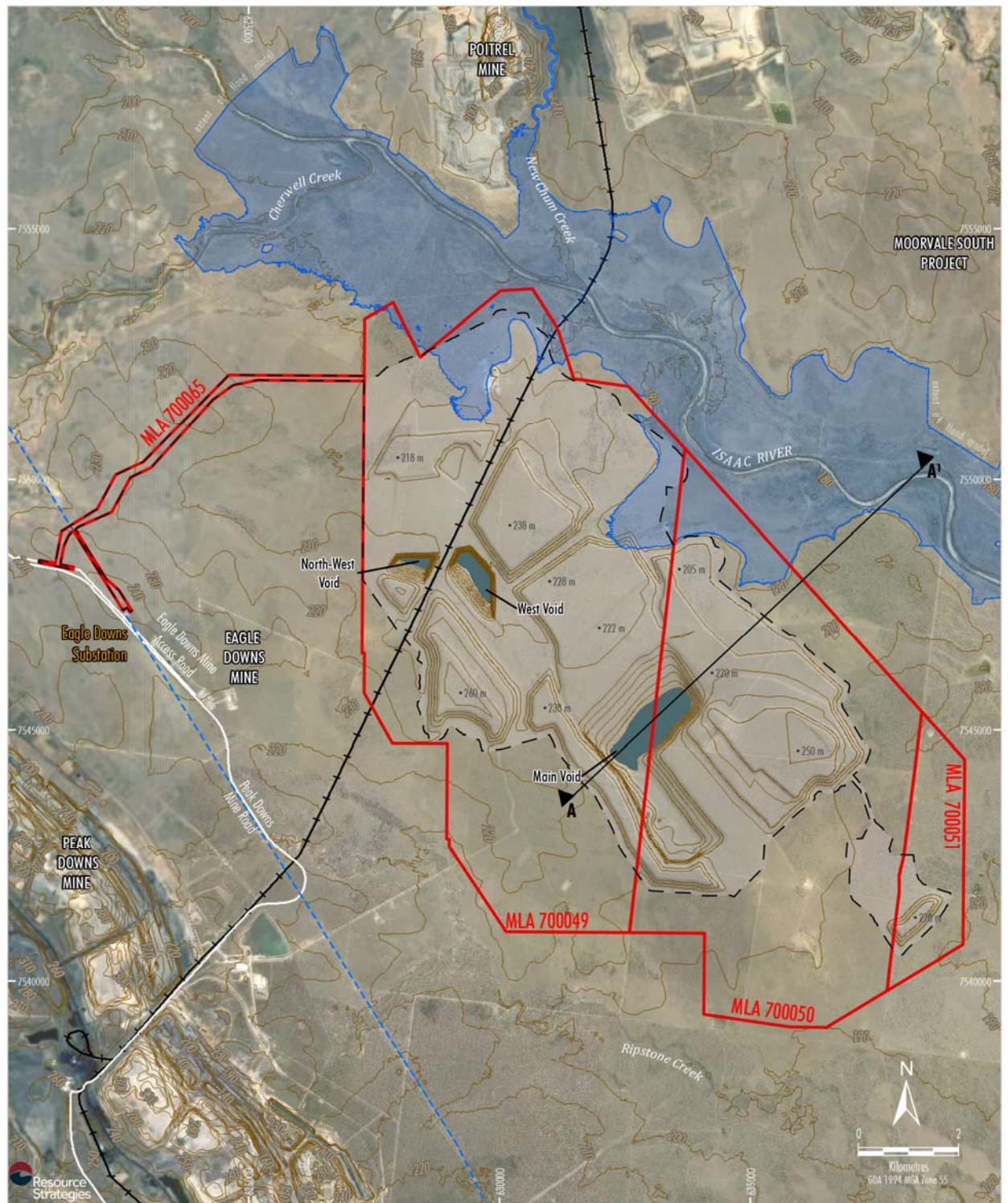
- LEGEND**
- Mining Lease Application Boundary
 - Railway
 - Eungella Water Pipeline Southern Extension
 - Substation
 - Indicative Surface Disturbance Extent
 - Isaac River 0.1% AEP Flood Extent (Pre-mining)
 - Indicative Extent of Non-Use Management Area
 - Indicative Residual Void Waterbody

Source: The State of Queensland (2018 - 2020);
Whitehaven (2022); WRM (2021).
Orthophoto: Google Image (2019); Whitehaven (2017).



WINCHESTER SOUTH PROJECT
2021 Draft EIS Conceptual Final Landform

Figure 5



Source: The State of Queensland (2018 - 2020); Whitehaven (2022);
Orthophoto: Google Image (2019); Whitehaven (2017)

WHITEHAVEN COAL
WINCHESTER SOUTH PROJECT
Optimised Final Landform
(May 2022)

Figure 6

2 Supplementary Impact Assessment

2.1 Potential Aquatic Ecology Impacts from the Optimised Mine Plan

The optimised Project mine plan reduces the overall surface disturbance extent by approximately 179 ha adjacent to the proposed South Pit and West Pit locations (Figure 4). The optimised Project final landform also includes backfilling the previous proposed South Pit mine void and providing a use for all remaining proposed residual voids, i.e. no non-use management areas (Figure 5 and Figure 6). The optimised Project mine plan also includes re-establishing a post-mining surface water drainage that is sympathetic with the natural drainage lines (Figure 5 and Figure 6).

The optimised Project mine plan would not increase the impact on aquatic ecology, but rather have a positive impact on aquatic ecology (compared to the original design), by reducing the overall clearance footprint, and increasing the catchment area reporting to the natural ecosystems (due to backfilling the previous proposed South Pit mine void).

The optimised Project mine plan would still result in the removal of the following aquatic habitat as described by ESP (2021):

- portions of three State-mapped unnamed waterways (tributaries to the Isaac River that are drainage features under the *Water Act 2000*) that traverse the open cut extent and waste rock emplacement:
 - the upper reaches of a minor stream order 1 waterway in the waste rock emplacement area that is north of Main Pit South
 - the middle reaches of a stream order 2 waterway (the 'central unnamed waterway') and the majority of the headwaters of this waterway (two stream order 1 tributaries) in the Main Pit, North and West Pit, and associated waste rock emplacement areas; the Eagle Downs Mine is located in the upper catchment of these waterways
 - the middle reaches of a stream order 2 waterway (the 'northern unnamed waterway') in the Railway Pit and associated waste rock emplacement areas; tributaries to this waterway are within the Eagle Downs Mine, and
- seven farm dams (three of which are mapped by the State as lacustrine wetlands) in various locations within the Project area¹, and
- one palustrine wetland regional ecosystem (RE), as mapped by E2M Pty Ltd (E2M) (2021).

There would be a reduction in habitat available to aquatic flora and fauna as a result of the removal of the portions of three unnamed waterways and farm dams within the Project area. However, the integrity of these aquatic habitats has been impacted by agricultural land uses (vegetation clearing, creation of dams and direct impacts from cattle). The waterways to be impacted provide low aquatic ecosystem value to aquatic flora and fauna, and are smaller in extent than is mapped by the State. Specifically, results from the EIS field surveys

¹ All of the mapped lacustrine wetlands and unmapped dams within the Project area were characterised as man-made dams (ESP 2021).

(ESP 2021) and supplementary detailed waterway determination assessment completed by ESP (2022) concluded that:

- The waterways to be removed within the indicative surface area extent for the Project include 1.52 km (constituting 2.45 ha) of the northern unnamed waterway (ESP 2022). All other State-mapped waterways within the Project area were extensively ground-truthed during the supplementary field survey in February 2022 and did not meet the definition of a waterway under the *Fisheries Act 1994* (Fisheries Act). They are depressions within the landscape that may hold water for short periods after rainfall and provide habitat for wetland indicator flora species or macroinvertebrates, but would not provide habitat for other aquatic fauna such as fish or turtles.
- The farm dams to be removed provide low to moderate aquatic ecosystem value to aquatic flora and fauna, although some of these farm dams provided dry season refuges for aquatic flora and fauna. Extensive ground-truthing confirmed that the farm dams are not connected to functional waterways (ESP 2022). The seven farm dams cover an estimated total area of approximately 10 ha (Figure 7).
- The palustrine wetland RE contained wetland indicator flora species (such as sedges) in the understorey, but is unlikely to provide important habitat for aquatic fauna due to a lack of connectivity with surrounding waterways.

All aquatic flora and fauna species detected in the vicinity of the Project during the EIS and supplementary field surveys were common to the region, and none were listed as threatened species under the *Nature Conservation Act 1992* or the Commonwealth *Environment Protection and Biodiversity Conservation Act 1999* (EPBC Act) (ESP 2021, 2022). There are no important breeding, feeding or refuge areas to consider (e.g. for threatened or priority aquatic species). There were no new species recorded in the updated database search results (Appendix A). Therefore, the removal of aquatic habitat from the indicative disturbance area would not have a significant impact on a regional scale.

The Project area represents less than 0.05% and 0.3% of the overall catchment areas for the Fitzroy River basin and the Isaac-Connors sub-basin, respectively. The changed topography as a result of the Project optimised final landform would reduce the catchment area draining to the Isaac River compared to pre-mining conditions; however, the decrease in catchment area is expected to be less than 1.5% (WRM 2022). Regardless of this change to the captured catchment area, no measurable impacts to surface water quantity are likely to occur as a result of the Project (WRM 2022). Therefore, the loss of catchment area is minor in a regional context.

Furthermore, modelling predicts that the Project would result in negligible increased leakage from surface flows of the Isaac River to the underlying alluvium, with the change in flows as a result of the increased hydraulic gradient between the alluvium and the Isaac River expected to be an average of 3.65 megalitres per year (ML/year) (the Isaac River has an average flow rate of 161,863 ML/year) (SLR 2022). Therefore, impacts to surface flows, and subsequently aquatic ecosystems downstream of the Project area, are not expected.

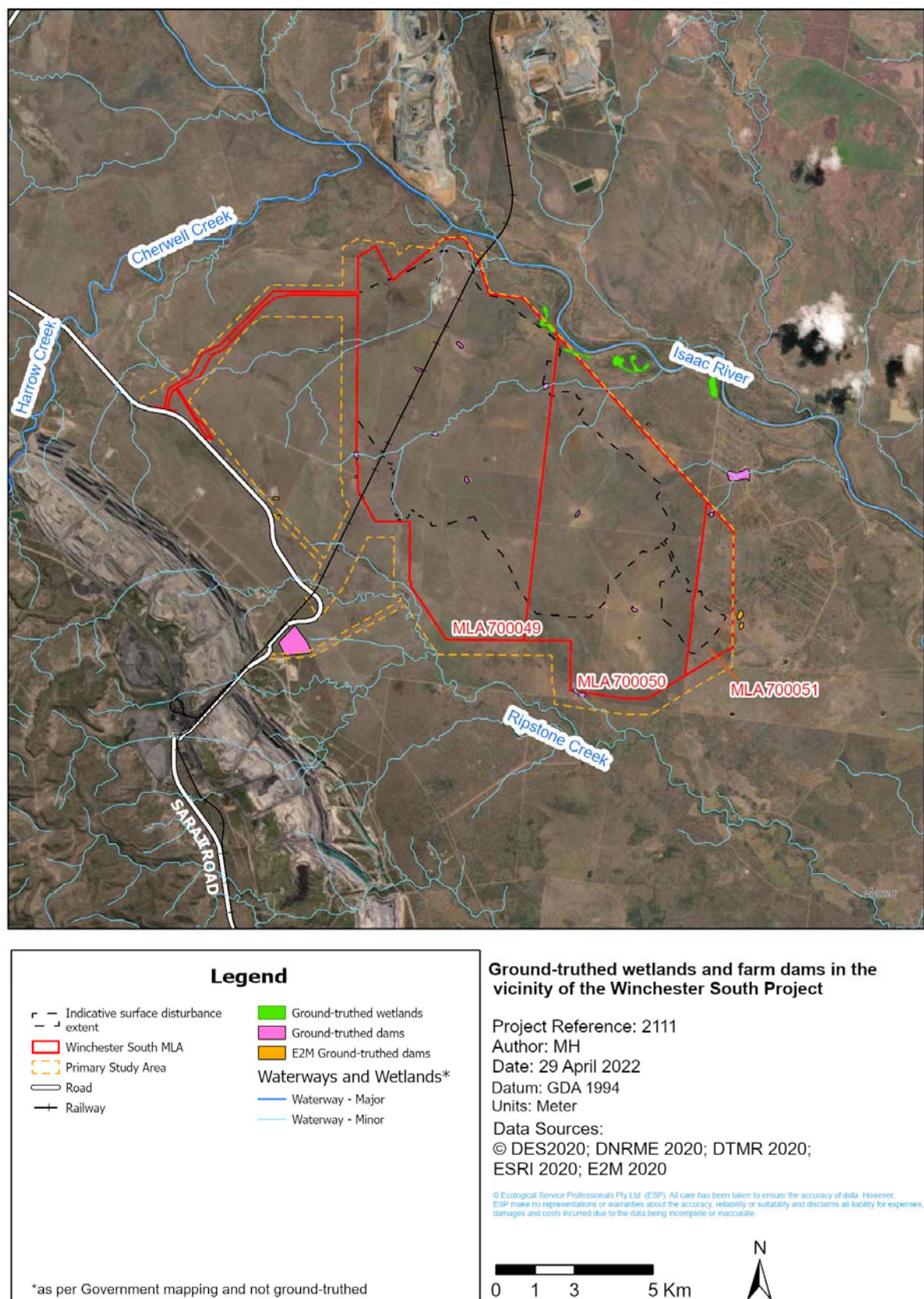


Figure 7 Mapped waterways and ground-truthed wetlands and farm dams in the vicinity of the Project

The Surface Water and Flooding Assessment (WRM 2022) and Groundwater Assessment (SLR 2022) concluded that the Project would have a negligible impact on surface water and groundwater quality and quantity, including the Isaac River (WRM 2022, SLR 2022). The modelling undertaken included consideration of cumulative impacts from surrounding developments, and are described in the Surface Water and Flooding and Groundwater Assessments. Given the above, the Project is unlikely to adversely impact the aquatic ecological values of these waterways. The Project is therefore unlikely to result in cumulative impacts to the aquatic ecosystem resilience or aquatic flora and fauna of the Isaac River system, including floodplain wetlands, given the limited potential impacts associated with the Project and the mitigation and management measures.

2.2 Matters of State Environmental Significance – Waterways Providing for Fish Passage

A 'waterway providing for fish passage' is defined under the Fisheries Act as a waterway such as a river, creek, stream, watercourse, drainage feature or inlet of the sea. A waterway as defined by Queensland Department of Agriculture and Fisheries (DAF) (2022) must have at least one of the following:

- defined bed and banks:
 - bed and banks need to be continuous upstream and downstream of the site rather than isolated and broken sections of a depression.
- an extended (if not permanent) period of flow:
 - flow must continue beyond the duration of a rain event and have some reliability attached to rainfall. There is a need to distinguish between channels that funnel immediate localised rainfall and waterways where flow has arisen from an upstream catchment.
- adequate flow:
 - flow needs to be sufficient to sustain basic ecological processes and habitats, and to maintain biodiversity within or across the feature. The adequacy of the flow depends on the ecological function of the channel (e.g. waterways that connect to fish habitat like a wetland or waterhole may only need infrequent and short-duration flows to provide connectivity for fish).
- fish habitat at, or upstream of, the site:
 - most instream features (submerged logs, overhanging vegetation) provide habitat for fish under adequate flow conditions or, in the case of pools, during dry periods. Periodic connectivity to upstream and off stream fish habitat are also considered fish habitat.

The *Environmental Offsets Regulation 2014* (EO Regulation) states that any part of a waterway providing for passage of fish is a Matters of State Environmental Significance (MSES) only if the construction, installation or modification of waterway barrier works carried out under an authority will limit the passage of fish along the waterway. Clause 10 of Schedule 2 of the EO Regulation further defines 'passage' for fish as the natural movement patterns of fish species required to maintain the biological integrity of the species, and

‘waterway’ as a river, creek, stream, watercourse or inlet of the sea; and therefore, does not include drainage features.

2.2.1 Supplementary Fish Surveys and Review

Several fish surveys have been completed in the vicinity of the Project to date, including for the:

- *Winchester South Project, Environmental Impact Statement. Appendix E, Aquatic Ecology and Stygofauna Assessment* (ESP 2021)
- *Winchester South Project, Aquatic Ecology Baseline Study* (frc environmental 2012), and
- *Olive Downs Coking Coal Project, Aquatic Ecology Assessment* (DPM Envirosciences 2018).

Additional field assessments of waterways providing for fish passage were also completed for the Project by ESP in February 2022, and have been reported on separately (ESP 2022).

Within the Project area and adjacent waterways (including the Isaac River), a total of 15 species were recorded across all surveys, with seven species (including one exotic species, Mozambique tilapia, *Oreochromus mossambicus*) recorded from sites on waterways, and 15 species (including one exotic species, Mozambique tilapia) recorded from sites on farm dams. Fish communities were dominated by small-bodied species, with the lack of large-bodied fish likely due to the paucity of deep pool habitats within the study area. Agassiz’s glassfish (*Ambassis agassizii*) was the most widespread species, followed by Eastern rainbowfish (*Melanotaenia splendida splendida*) and carp gudgeons (*Hypseleotris* spp.).

Fish were recorded at most (but not all) sites surveyed for fish. Native species richness at each site varied substantially, from zero to ten species. The lack, or low diversity, of native species across some survey sites may be indicative of the ephemeral nature of the waterways across the study area, where complete wetting and drying within tributaries may limit the persistence of native fish.

All native fish species identified during the fish surveys require some physical instream habitat for shelter and/or reproduction. A variety of physical aquatic habitat (e.g. woody debris and substrate diversity) also supports diverse macroinvertebrate communities, which are prey to many of the fish in the survey area. Most of the surveyed species can tolerate a broad range of water quality conditions.

The fish survey results confirm our waterway assessment as described in Section 2.2.3 below. Fish were captured in a number of the farm dams surveyed, but there was no evidence of connectivity to waterways upstream of downstream of these dams. Fish were found within the waterway channel sites surveyed on the unnamed mapped waterways within the field-verified waterways providing for fish passage.

Surveys were completed over a range of seasons and rainfall conditions (see ESP 2022 for a detailed summary of rainfall conditions prior to and during each survey). During the most recent survey by ESP in February 2022, there was 8.6 millimetres (mm) of rain recorded over two days during the survey (24-25 February; assessed from nearby Bureau of Meteorology [BoM] Station No. 34035). February rainfall prior to the survey was 3.6 mm. Rainfall was above average in the month prior to the survey, and as such conditions were considered to

be representative of the wet season. Regardless of this, most waterway features were dry during the survey, with no standing water. The assessed dams contained water.

The mapped waterways within the Project area are drainage features that convey water during and immediately after significant rainfall events only. It is not possible to survey fish within the mapped waterways within the Project area when they are flowing due to logistical constraints (i.e. the very short periods of flow during and immediately following a rainfall event), access constraints (there is no vehicle access allowed on wet unsealed tracks), and safety considerations (Whitehaven WS does not permit anyone to enter fast flowing water or any creek during a storm).

2.2.2 Supplementary Hydrological Modelling

Annual Exceedance Probability (AEP) is defined as the probability that a given rainfall total accumulated over a given duration will be exceeded in any one year (BoM, 2021). WRM (2021) modelled 5%, 1%, 0.1% AEP and Probable Maximum Flood events for the Isaac River, including the catchments from tributaries of the Isaac River. The 0.1% AEP flood event for Ripstone Creek was also modelled.

Flood modelling during a 5% AEP flood event (1 in 20-year event) for the Isaac River (most frequent flood event) shows that the flood extent of the Isaac River would not interact with the DAF-mapped waterways. As such, the flood extent of the Isaac River would not interact with the DAF-mapped waterways during more minor and frequent flood events.

Flood modelling has not been completed for the mapped waterways to be impacted by the Project. These mapped waterways are drainage features that convey water during and immediately after significant rainfall events only. It is not appropriate to use a flood model to describe the depth of water within these mapped waterways during different rainfall events and would also require gauging stations along each of the drainage features to collect data from flooding events for calibration (historical flooding event data not currently available for these drainage features). Rather than using hydrological modelling to determine the extent of waterways providing for fish passage, detailed ground-truthing was completed to identify the extent of waterways within the Project area, as described in 2.2.3 below.

2.2.3 Identification of Waterways Providing for Fish Passage Matters of State Environmental Significance

Supplementary waterway surveys were completed at 110 assessment points on mapped and un-mapped waterways within the Project area. The waterway surveys described the habitat present at each assessment point with reference to the DAF (2022) definition of a waterway, as detailed in ESP 2022. The outcomes of these supplementary waterway surveys were that:

- the northern unnamed waterway is the only waterway providing for fish passage MSES that intersects the proposed surface disturbance extent for the Project (as described in further detail below)
- the central unnamed waterway and its tributary are not waterways providing for fish passage MSES within the proposed surface disturbance extent for the Project, and
- there are no other waterways providing for fish passage MSES within the Project area.

Where the waterway at an assessment point was considered to have the characteristics of a waterway providing for fish passage as defined by DAF (2022), habitat descriptions were recorded, and the main channel width was measured.

The supplementary field surveys found the unnamed northern waterway from Site 97 through to Site 98 (and therefore, downstream to the Isaac River) has defined bed and banks, is a watercourse under the Water Act and provides for the natural movement of freshwater fish species required to maintain the biological integrity of the species. It is therefore a waterway providing for fish passage MSES as defined by the EO Regulation.

Upstream of Site 97, the mapped northern waterway lacks the features required to be considered a waterway as defined by DAF (2022). In parts of the mapped amber feature, no discernible drainage feature could be found, indicating a substantial break in connectivity that would prevent fish passage further upstream. Significant barriers, including quarry walls, dam walls, and road crossings, also act as significant barriers to fish passage.

Upstream of Site 97, the drainage feature likely conveys overland flows during periods of localised rainfall. Due to the lack of waterway features including a lack of standing water/evidence of past standing water, no riparian or aquatic vegetation, and no defined, continuous channel with bed and banks, the mapped reaches upstream of Site 97 are not considered a waterway as defined by DAF (2022), nor a waterway providing for fish passage MSES as defined under the EO Regulation.

The northern unnamed waterway contained 4.5 km of waterway providing for fish passage. Of this, 1.52 km (constituting 2.45 ha²) is within the proposed surface disturbance extent of the Project (Figure 8).

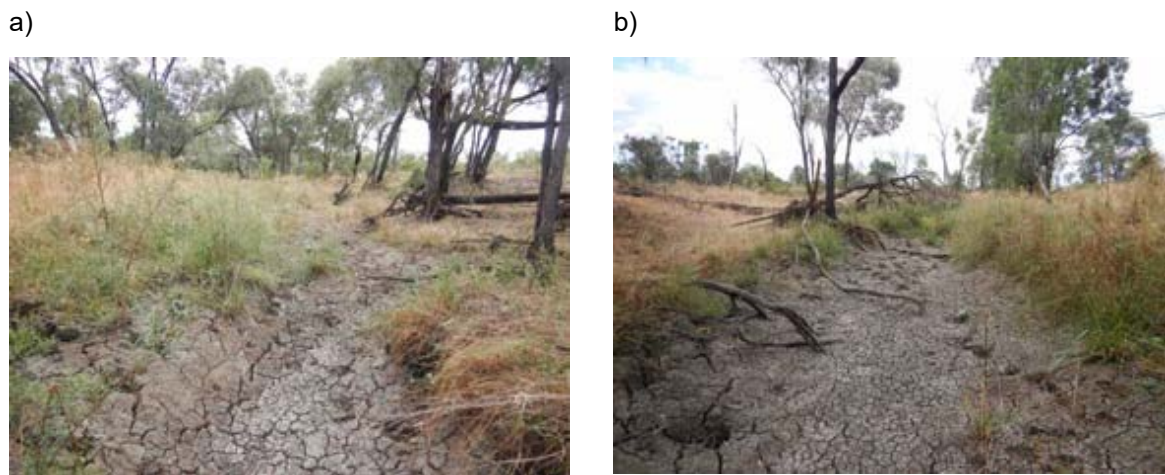


Figure 8 Photographs of the northern unnamed waterway at Site 88 showing a) upstream, and b) downstream

² Based on the length of waterway x the main channel width

The total area of waterways providing for fish passage impacted by the Project was calculated based on the length of the waterways within the Project area (as determined during a waterway determination assessment in February 2022³), multiplied by the average width of the main channel (DAF 2018). The average main channel widths were determined by calculating the average width of each assessment site that was within the ground-truthed waterways (Table 1). An additional 50% buffer was added to the calculation to account for any variability in channel widths between assessment sites.

The following definitions are provided in DAF (2018) (as illustrated in Figure 9):

- **Bankfull width** is the width of the waterway at the bankfull level.
- **Main channel** is the active component of the flow channel characterised by a distinct change in appearance or structure at the upper limit of the channel such as undercutting, changes in vegetation density, sudden changes in bank slope, boundary levels for water marks, mosses or lichens, changes in sediment particle size. Approximate Q values of Q1 – Q2 or AEP equivalent.

Table 1 Channel widths (including main channel and bankfull widths) for each assessment site within the ground-truthed waterways providing for fish passage within the Project area in February 2022

| Waterway | Assessment Site ^a | Main Channel Width (m) | Bankfull Width (m) |
|---|------------------------------|------------------------|--------------------|
| Northern unnamed waterway | 94 | 2 | 12 |
| | 91 | 3 | 5 |
| | 89 | 6 | 15 |
| | 88 | 4.5 | 10 |
| | 87 | 10 | 25 |
| | 85 | 6 | 25 |
| | 98 | 6 | 20 |
| Average: Northern unnamed waterway | | 5.36 | 16.00 |

^a for site locations refer to ESP (2022)

³ Methodologies and results of the waterway determination assessment are outlined in ESP 2022

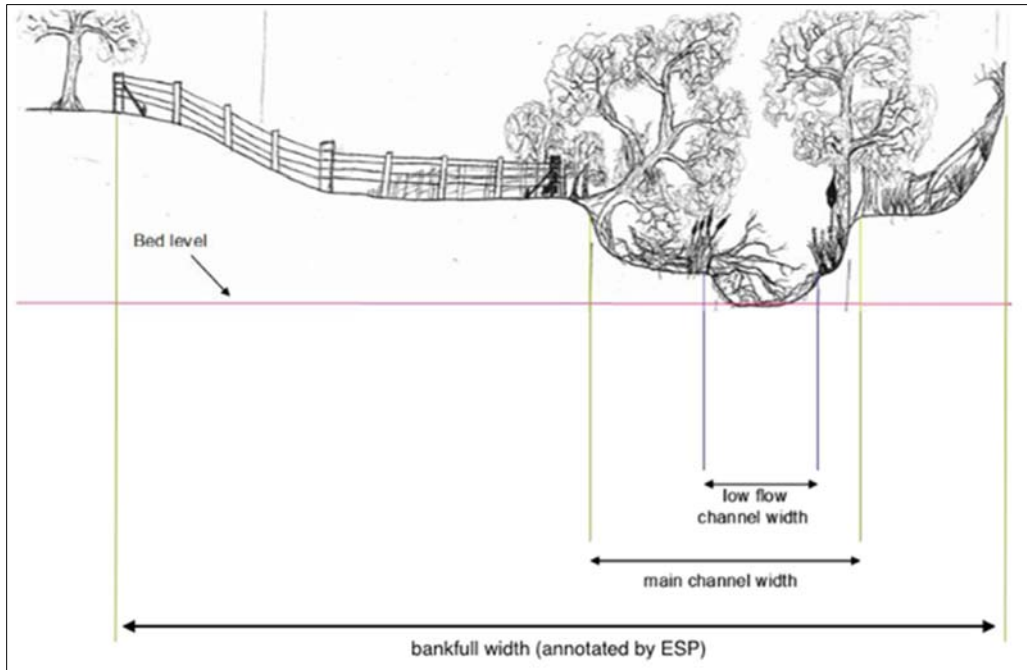


Figure 9 Example of waterway cross section showing main channel, low channel and bankfull width (adapted from DAF 2018)

Figure 10 shows current Waterways for Waterway Barrier Works (WWBW) mapping for waterways in the vicinity of the Project area. Figure 11 and Figure 12 provide the new proposed WWBW mapping for the northern unnamed waterway (ESP 2022).

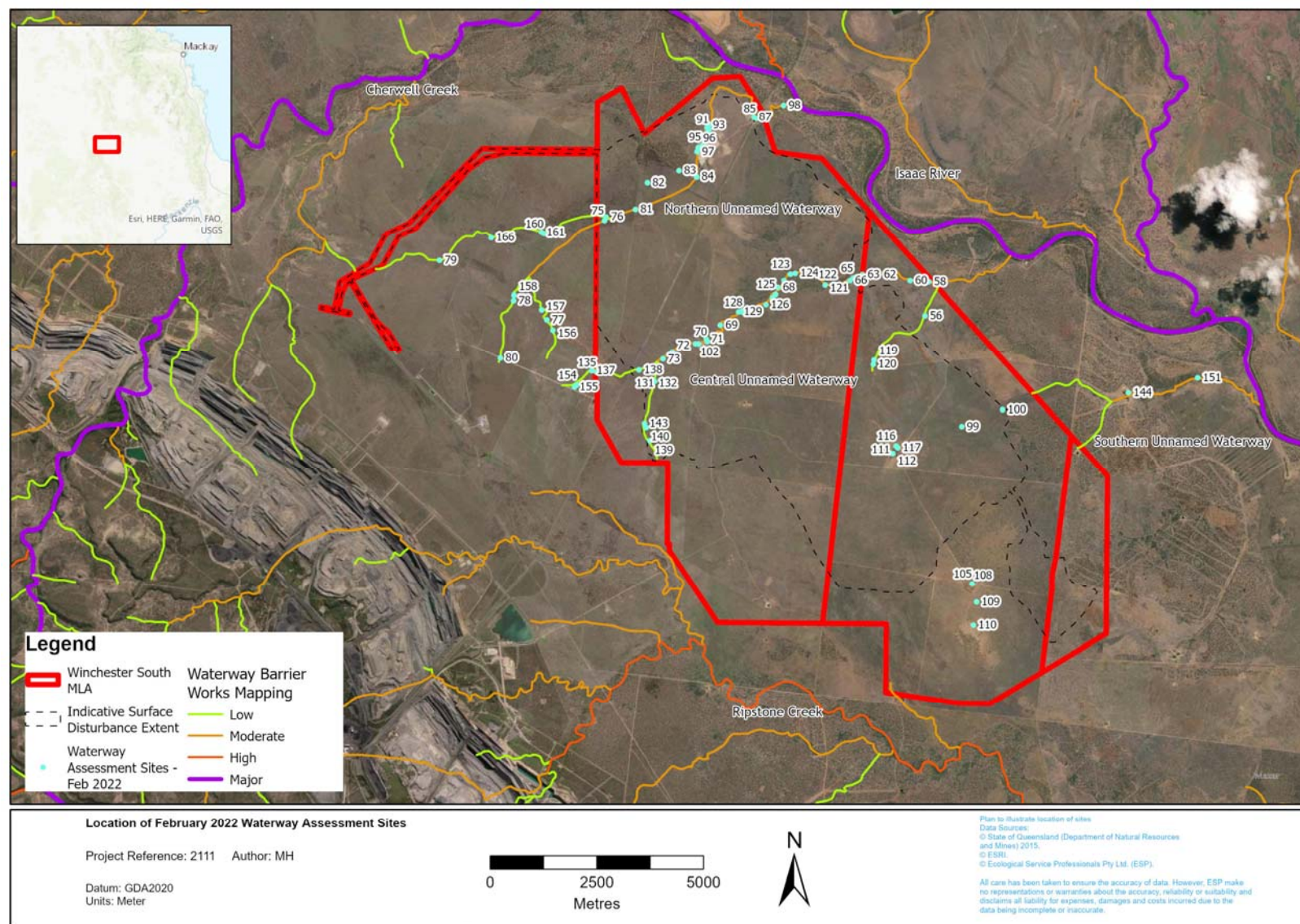


Figure 10 WWBW mapping in the vicinity of the Project area, and waterway assessment sites assessed by ESP in February 2022

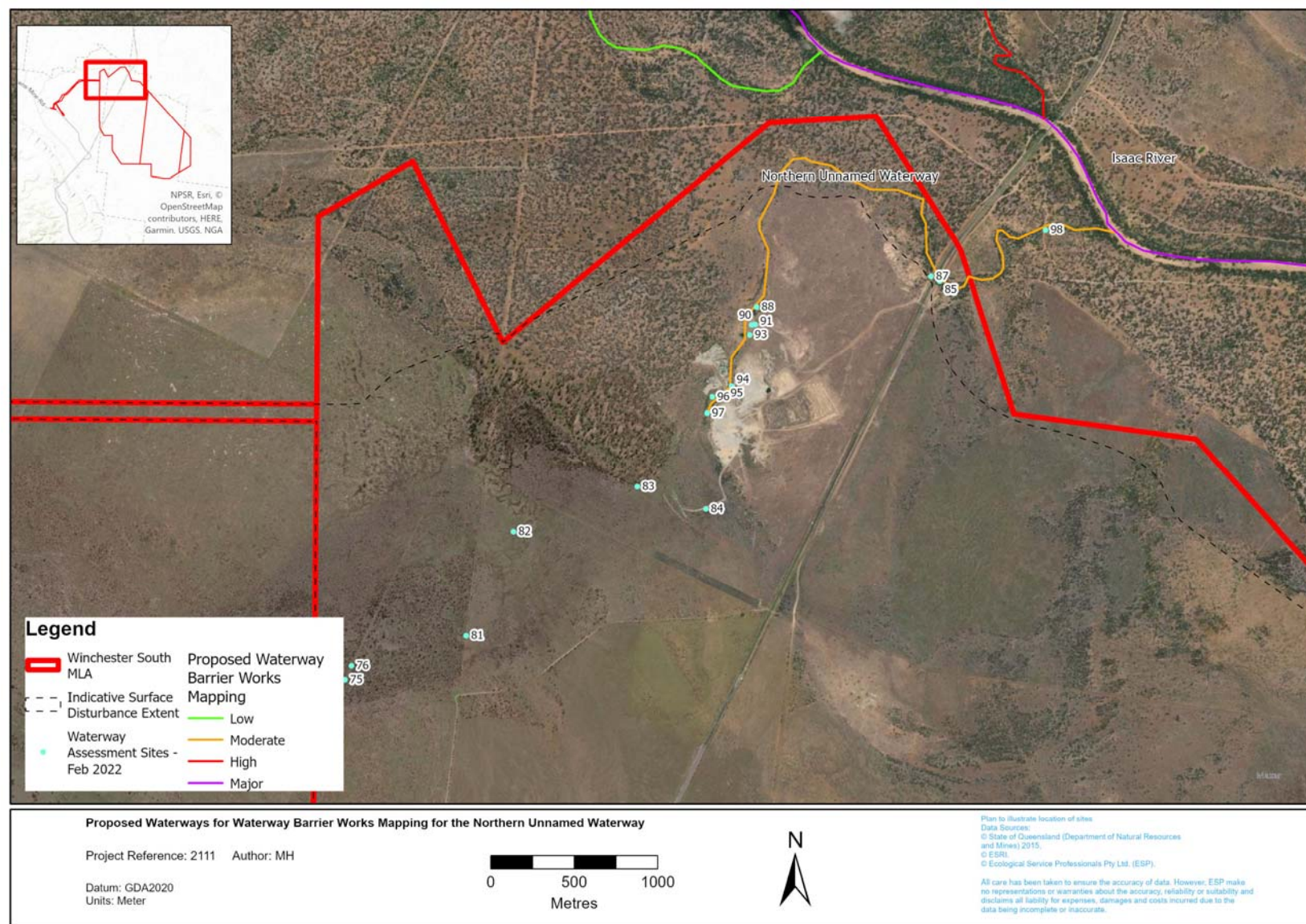


Figure 11 Ground-truthed extent of the northern unnamed waterway.

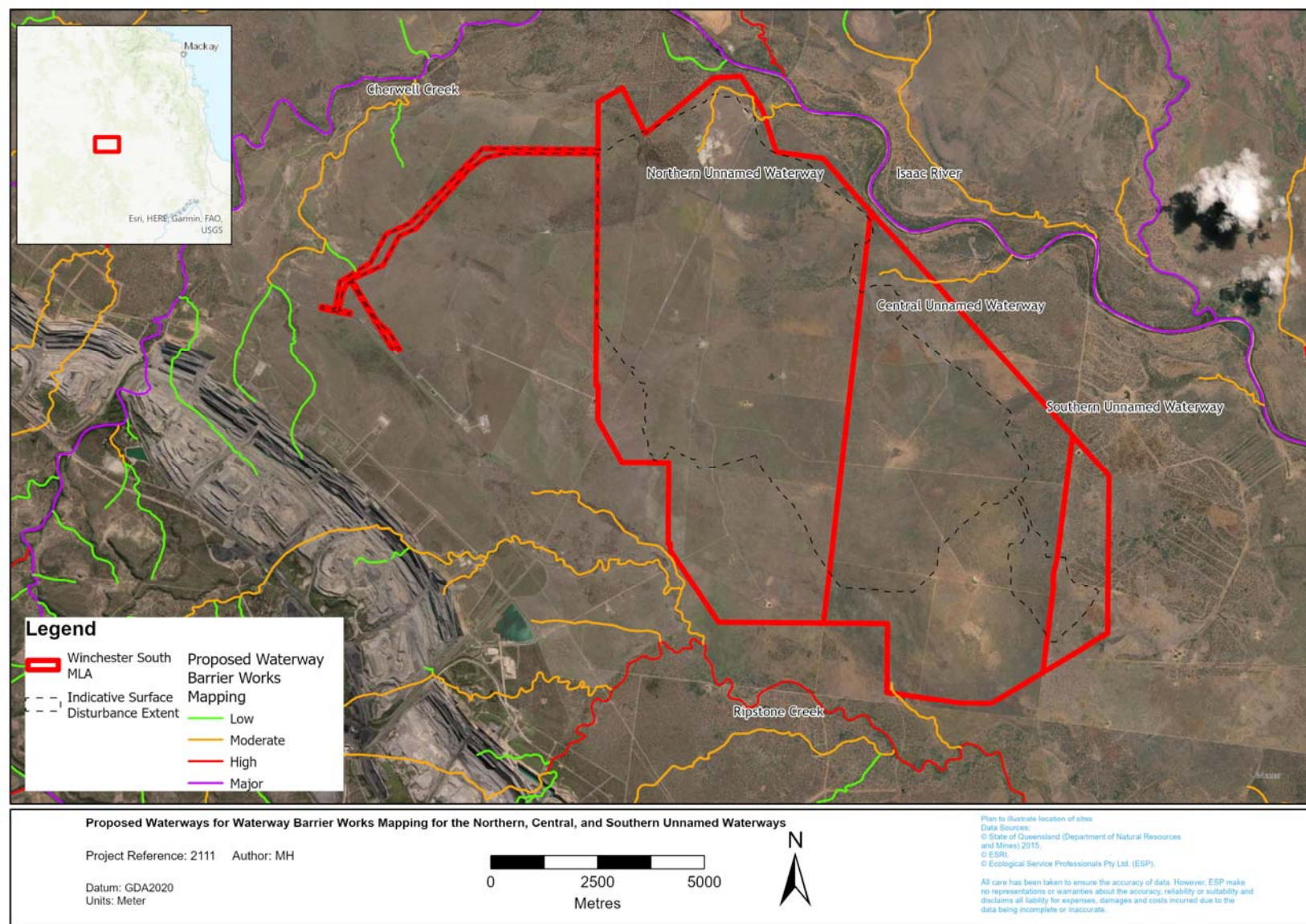


Figure 12 Ground-truthed extent of unnamed waterways across the Project area

2.2.4 Measures to Avoid Impacts

There is 3.28 km (constituting 5.28 ha) of the northern unnamed waterway within the mining lease. The majority of the northern unnamed waterway within the mining lease would be avoided. However, the Project would require the removal of up to 46% (1.52 km constituting 2.45 ha) of the northern unnamed waterway that equates to the waterway providing for fish passage MSES. Noting, however that approximately 0.63 km of this (constituting approximately 1.0 ha) runs through the existing quarry site. No remnant Regulated Vegetation occurs along the northern unnamed waterway in the disturbance footprint.

Measures to minimise and mitigate impacts to waterways providing for fish passage are proposed in Sections 2.2.5.1 to 2.2.5.6 below.

2.2.5 Measures to Minimise and Mitigate Impacts

Measures to minimise and mitigate the impacts on the waterway providing for fish passage MSES include:

- management of the northern unnamed waterway outside of the development footprint (Section 2.2.5.1)
- construction of an up-catchment diversion system (Section 2.2.5.2), and
- reinstating excised portions of the northern unnamed waterway in the final landform (Section 2.2.5.3).

Potential impacts to waterways providing for fish passage downstream of the Project would be minimised and mitigated through:

- implementation of an Erosion and Sediment Control Plan (Section 2.2.5.4)
- appropriate management of hazardous chemicals and materials (Section 2.2.5.5), and
- development and implementation of appropriate management plans and monitoring programs (Section 2.2.5.6).

Each of these measures are outlined in the subsections below.

2.2.5.1 Management of the Northern Unnamed Waterway Outside of the Development Footprint

During the life of the Project, fencing would be used to exclude livestock from the portion of the northern unnamed waterway which is outside of the development footprint and inside the mining lease. This would have the benefit of reducing grazing pressure on the waterway and riparian vegetation.

During the life of the Project, weed management (prevention, monitoring and control) would be undertaken to mitigate the abundance and species of weeds in the mining lease application areas (MLAs) and minimise the potential for weeds to spread into adjacent habitat areas.

2.2.5.2 Up-catchment Diversion System

An up-catchment diversion system would be constructed as part of the Project to divert up-catchment run-off around the advancing open cut during operation (Figure 13). The up-catchment diversion system would temporarily allow runoff from the upstream catchment to the northern unnamed waterway prior to reinstating of the excised portions of the northern unnamed waterway in the final landform.

2.2.5.3 Reinstating Excised Portions of the Northern Unnamed Waterway in the Final Landform

Rehabilitation activities would be conducted as soon as possible for disused areas. The post-mine landforms would contain a mixture of woodland and pasture and would be rehabilitated in a manner that results in patches of woodland in pasture areas.

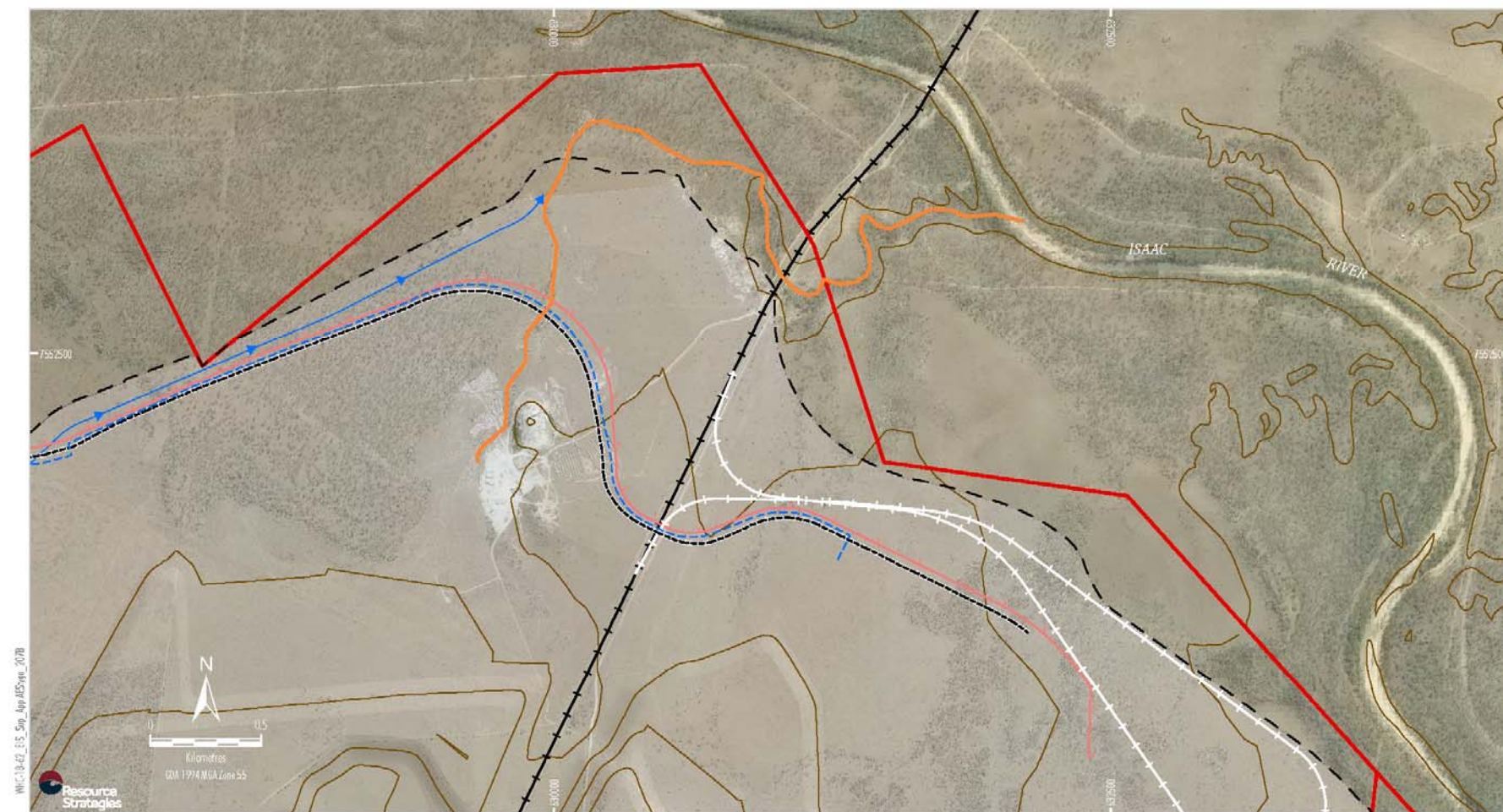
To mitigate the impacts on the waterway providing for fish passage Matter of State Environmental Significance, the rehabilitation strategy includes reinstating excised portions of the northern unnamed waterway in the final landform (Figure 14).

The reinstated excised portion of the northern unnamed waterway would be designed to mitigate impacts associated with removal of the 1.52 km section (constituting 2.45 ha) of the northern unnamed waterway that provides for fish passage, in terms of area, quality and functionality. This would allow for the upstream and downstream passage of fish in a naturalised manner.

The reinstated excised portion of the northern unnamed waterway would incorporate features that ensure the upstream and downstream passage of fish. This will include:

- ensuring functionality and longevity of the riparian corridor, including revegetation and management of the riparian vegetation
- ensuring that the diversion is constructed at a gradient of no more than 5%
- ensuring that conditions within the diversion (depth and velocities) would be suitable to provide adequate fish passage during 1, 2 and 5 year Average Recurrence Intervals
- reinstating habitat and geomorphic features by salvaging and using material such as woody debris to create habitat diversity within the diverted waterway, and
- including natural features such as pools and meanders, bed and bank profiles, and providing a mix of suitable substrate types.

A Progressive Rehabilitation and Closure Plan would be implemented which outlines suitable rehabilitation schedules, methods and monitoring requirements for areas that can be rehabilitated over the life of the mine as well as final conformance requirements.



WGC1342_115_Sup_Appl_MSESym_2020

- LEGEND**
- Mining Lease Application Boundary
 - - - Railway
 - Indicative Surface Disturbance Extent
 - Indicative Up-catchment Diversion
 - - - Indicative Mine Access Road
 - - - Indicative Rail Spur and Loop
 - Indicative Electricity Transmission Line
 - Indicative Raw Water Supply Pipeline

Matters of State Environmental Significance
Ground-truthed Waterways Providing for Fish Passage ^

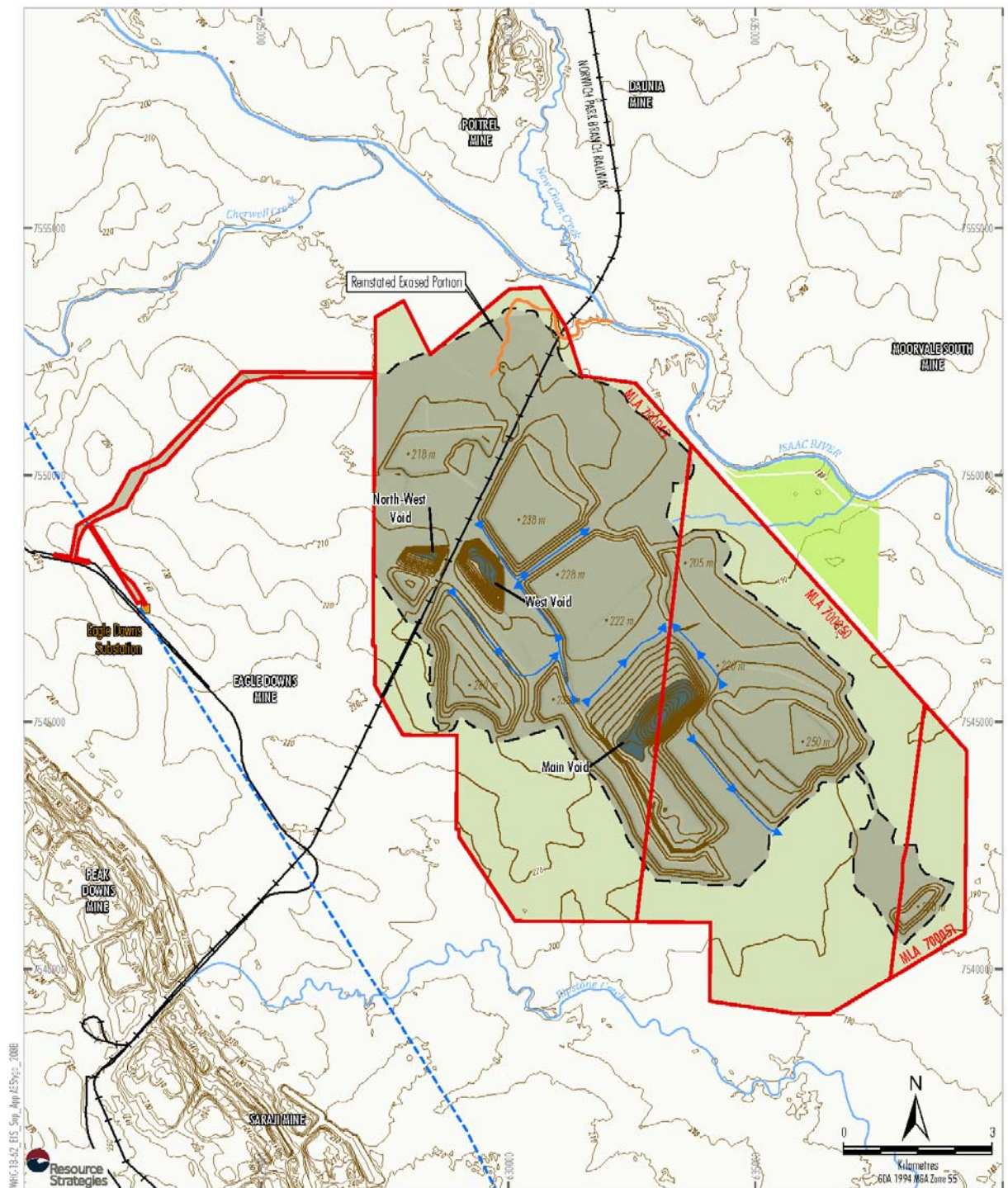
Source: The State of Queensland (2018 - 2020); Whitehaven (2022);
Orthophoto: Google Image (2019); Whitehaven (2017)



WINCHESTER SOUTH PROJECT
Optimised Final Landform –
Waterway Providing for Fish Passage

Note: ^ As stated in the Environmental Offsets Regulation 2014, any part of a waterway providing for passage of fish is a Matter of State Environmental Significance (MSES) only if the construction, installation or modification of waterway barrier works carried out under an authority will limit the passage of fish along the waterway.

Figure 13



- LEGEND**
- Mining Lease Application Boundary
 - Indicative Surface Disturbance Extent
 - Indicative Residual Void Waterbody
 - Indicative Extent of Rehabilitation to Low-Intensity Grazing Post-Mining Land Use*
 - Land Outside Indicative Surface Disturbance Extent with a Low-Intensity Grazing Post-Mining Land Use
 - Contours (10 m)
 - Watercourse (Water Act 2000)
 - >—> Indicative Surface Water Drain
 - >—> Matters of State Environmental Significance
 - Ground-truthed Waterways Providing for Fish Passage ~

 Wynette Offset Area

Source: The State of Queensland (2018 - 2020);
Whitehaven (2020); ESP (2022)

Note: * Should the Winchester Quarry remain at the end of the Project life, the PMLU for its extent would be quarrying and not low-intensity grazing.

^A As stated in the Environmental Offsets Regulation 2014, any part of a waterway providing for passage of fish is a Matter of State Environmental Significance (MSES) only if the construction, installation or modification of waterway barrier works carried out under an authority will limit the passage of fish along the waterway.

WINCHESTER SOUTH PROJECT
Conceptual Final Landform and Land Use -
Waterways Providing for Fish Passage

Figure 14

2.2.5.4 Erosion and Sediment Control

An Erosion and Sediment Control Plan would be developed and implemented throughout the construction and operation phases of the Project in order to reduce the amount of sediment-laden run-off entering downstream waterways. A 'best practice' approach would be adopted that is consistent with the International Erosion Control Association recommendations. The following general principles would apply:

- minimise the surface disturbance areas (which has been incorporated into the design of the Project)
- where possible, apply local temporary erosion control measures
- intercept run-off from undisturbed areas and divert around surface disturbance areas, through the use of up-catchment diversions, and
- where temporary measures are likely to be ineffective, direct surface water run-off from surface disturbance areas to sediment dams prior to release from the Project area.

Active haul roads would be regularly watered (or applied with dust suppressants) to minimise dust generation potential.

2.2.5.5 Management to Prevent and Manage Leaks and Spills

Hazardous chemicals and materials used or stored at the Project would be managed in accordance with Qld and Commonwealth legislation and policy requirements, including their removal from site by authorized contractors as required.

Potential impacts associated with leaks and spills can be managed where appropriate procedures, containment and spill control measures are implemented at suitable locations (e.g. where the transportation and loading, and storage of materials occurs onsite). The design and management of all required fuels and hydrocarbons would ensure that there are effective means of secondary containment to prevent or minimize releases to the environment from any fuel or oil storage onsite. Appropriate storage of chemicals and hydrocarbons would be required during the construction phase of the Project, and as part of ongoing operations.

Provided the appropriate management of chemicals is maintained, the Project is unlikely to result in leaks/spills that would eventuate in serious environmental harm to aquatic species or their habitat.

2.2.5.6 Management Plans and Monitoring Programs

The development and implementation of the following environmental management plans are recommended for the Project:

- Environmental Management Plan – including land clearing measures, management of palustrine wetlands, weed management and animal pest management, and
- Water Management Plan, including erosion and sediment control.

Implementation of appropriate water quality monitoring programs as appropriate during the construction phase of the Project, as well as designing and implementing a Receiving Environment Monitoring Program (REMP) during the operational phase, would confirm that

water quality, and therefore environmental values of downstream waterways are maintained, and can inform adaptive management of mine-affected water discharges if required.

The REMP would be designed in accordance with the *Receiving Environment Monitoring Program Guideline – For use with Environmentally Relevant Activities under the Environment Protection Act 1994* (Department of Environment and Science [DES] 2014) and include a number of indicators of aquatic ecosystem conditions including water quality, sediment quality and macroinvertebrates as biological indicators, as outlined in the *Model Water Conditions for Coal Mines in the Fitzroy Basin* (DES 2013). The macroinvertebrate data collected to date provides a baseline (pre-construction) dataset to be used for the basis of future impact monitoring. Annual REMP reports would be prepared in accordance with the *Model Water Conditions for Coal Mines in the Fitzroy Basin* (DES 2013).

Implementation of appropriate water quality monitoring programs, including periodic testing of waste rock and other reject material, as well as implementation of a REMP, would ensure that any issues with water quality associated with seepage are detected and managed appropriately.

An inspection and monitoring program would also be designed and implemented to confirm the performance of the reinstated excised portion of the northern unnamed waterway. The program should:

- be prepared by a person suitably qualified and experienced in fish biology and passage
- detail requirements for inspections and surveys during construction and operation of the reinstated excised portion of the northern unnamed waterway, as appropriate, and
- include an alert and action component, which would enable changes to be made to any deficiencies in design prior to commencement of the following wet season.

2.3 Assessment of Significant Residual Impacts

The EO Regulation defines waterways providing for fish passage MSES as:

Any part of a waterway providing for passage of fish is a matter of State environmental significance only if the construction, installation or modification of waterway barrier works carried out under an authority will limit the passage of fish along the waterway.

Fish means fish regulated under the Fisheries Act 1994.

Passage, for fish, means the natural movement patterns of fish species required to maintain the biological integrity of the species.

Waterway includes a river, creek, stream, watercourse or inlet of the sea.

Waterway barrier works means a dam, weir or other barrier across a waterway.

The Project would remove the upper reach of the northern unmapped waterway providing fish habitat (Figure 11), but would not fragment fish habitat as the reach of the waterway to be removed does not connect to fish habitat further upstream. Part of the northern unmapped waterway providing for passage of fish (Figure 11) is a MSES because carrying out the Project would limit the passage of fish into that part of the waterway (not by removing the ability for fish to access previously connected fish habitats upstream and downstream from the reach to be cleared).

The section of the northern unnamed waterway providing for fish passage is ephemeral, and would only convey flows during periods of localised rainfall that do not continue beyond the duration of a rain event. Aquatic habitat features are present along the waterway (including large woody debris, some emergent aquatic plants, and depressions that would form pools after periods of flow). However, riparian vegetation is largely disturbed from cattle grazing activities, and the waterway is minor (stream order 2), providing low value habitat to aquatic flora and fauna.

The significance of the residual impacts to waterways providing for fish passage have been assessed in accordance with the *Queensland Environmental Offsets Policy – Significant Residual Impact Guideline* (DEHP 2014). Under the guideline, an action is likely to have a significant residual impact on a waterway providing for fish passage if there is a real possibility that it will (DEHP 2014):

- *result in the mortality or injury of fish; or*
- *result in conditions that substantially increase risks to the health, wellbeing and productivity of fish seeking passage such as through the depletion of fishes energy reserves, stranding, increased predation risks, entrapment or confined schooling behaviour in fish; or*
- *reduce the extent, frequency or duration of fish passage previously found at a site; or*
- *substantially modify, destroy or fragment areas of fish habitat (including, but not limited to in-stream vegetation, snags and woody debris, substrate, bank or riffle formations) necessary for the breeding and/or survival of fish; or*
- *result in a substantial and measurable change in the hydrological regime of the waterway, for example, a substantial change to the volume, depth, timing, duration and frequency of flows; or*
- *lead to significant changes in water quality parameters such as temperature, dissolved oxygen, pH and conductivity that provide cues for movement in local fish species.*

Will the residual impacts on waterways providing for fish passage result in the mortality or injury of fish?

The residual impacts associated with the Project are unlikely to result in the mortality or injury of native fish, where a fish salvage program is implemented before waterbodies are dewatered and disturbed. Although the upper reach of the northern unnamed waterway would be removed, there would be improved management of the remaining reach inside the mining lease (grazing and weed management) and the excised portion of the northern unnamed waterway would be reinstated as part of the final landform.

Will the residual impacts on waterways providing for fish passage result in conditions that substantially increase risks to the health, wellbeing and productivity of fish seeking passage such as through the depletion of fishes energy reserves, stranding, increased predation risks, entrapment or confined schooling behaviour in fish?

The residual impacts associated with the Project would not result in conditions that substantially increase risks to the health, wellbeing and productivity of fish seeking passage. The area of waterway providing for fish passage being removed would be mitigated through improved management of the remaining reach inside the mining lease (grazing and weed management) and the excised portion of the northern unnamed waterway would be reinstated as part of the final landform.

Will the residual impacts on waterways providing for fish passage reduce the extent, frequency or duration of fish passage previously found at a site?

The reinstated excised portion of the northern unnamed waterway would be designed and constructed to mitigate impacts associated with removal of the 1.52 km section (constituting 2.45 ha) of the northern unnamed waterway that provides for fish passage, in terms of area, quality and functionality (as described in Sections 2.2.5.2 and 2.2.5.6). The reinstated excised portion of the northern unnamed waterway would be 1.52 km long and provide up to 2.45 ha of waterway providing for fish passage, and would allow for the upstream and downstream passage of fish in a naturalised manner. As such, the residual impacts on waterways providing for fish passage would not reduce the extent, frequency or duration of fish passage previously found at the site.

Will the residual impacts on waterways providing for fish passage substantially modify, destroy or fragment areas of fish habitat (including, but not limited to in-stream vegetation, snags and woody debris, substrate, bank or riffle formations) necessary for the breeding and/or survival of fish?

The Project would remove the upper reach of the northern unmapped waterway providing fish habitat, but would not fragment fish habitat as the reach of the waterway to be removed does not connect to fish habitat further upstream. The Project would limit the passage of fish into that part of the waterway (not by removing the ability for fish to access previously connected fish habitats upstream and downstream from the reach to be cleared). The excised portion of the northern unnamed waterway would be reinstated as part of the final landform. This would allow for the upstream and downstream passage of fish in a naturalised manner. As such, the residual impacts on waterways providing for fish passage would not substantially modify, destroy or fragment areas of fish habitat necessary for the breeding and/or survival of fish.

Will the residual impacts on waterways providing for fish passage result in a substantial and measurable change in the hydrological regime of the waterway, (e.g. a substantial change to the volume, depth, timing, duration and frequency of flows)?

Modelling has demonstrated that the Project would not result in substantial changes to the hydrological regime of the Isaac River (see Section 2.2.2; WRM 2022).

An up-catchment diversion system would be constructed as part of the Project to divert up-catchment run-off around the advancing open cut during operation (Figure 13). The up-catchment diversion system would temporarily allow runoff from the upstream catchment to the northern unnamed waterway prior to reinstating of the excised portions of the northern unnamed waterway in the final landform. As such, the hydrological regime of the remaining reaches of the northern waterway is not predicted to be affected.

Will the residual impacts on waterways providing for fish passage lead to significant changes in water quality parameters (e.g. temperature, dissolved oxygen, pH and conductivity) that provide cues for movement in local fish species?

Modelling has shown that the Project would not result in changes to surface water quality parameters (see Section 2.1; WRM 2022). Any potential impacts to water quality associated with the Project would be managed through design and implementation of appropriate management plans and monitoring programs (as outlined in Sections 2.2.5.1 to 2.2.5.6). As

such, no residual impacts that lead to significant changes in water quality parameters that provide cues for movement in local fish species are expected.

Conclusion

Potential impacts to fish passage have been assessed in accordance with the *Queensland Environmental Offsets Policy – Significant Residual Impact Guideline* (DEHP, 2014) and no significant residual impacts to waterways providing for fish passage area considered likely to occur.

2.3.1 Offset Requirements

With the impact avoidance and mitigation measures outlined in Section 2.2.5, the Project is not expected to have a significant residual impact on waterways providing for fish passage. Therefore, no offsets are required for a waterway providing for fish passage.

Although an offset is not necessary for waterways providing fish passage, offset areas will be provided for impacts on other matters (e.g. regulated vegetation and threatened terrestrial species). One of the proposed offset areas, the Wynette Offset Area, is located next to the Isaac River and contains a section of the central unnamed waterway (Figure 15). The section of the waterway in the Wynette Offset Area has defined bed and banks, and may provide fish passage opportunities during periods of flow from upstream catchments (Figure 15). However, the channel is narrow with high banks, suggesting flow velocity may be high and may not provide adequate flow beyond an immediate rainfall event. The mapped feature exhibits some qualities of a waterway as defined by DAF, and is considered a waterway providing for fish passage (ESP 2022).



Figure 15 Photographs of the central unnamed waterway in the Wynette Offset Area (Photos from Geomorphology Assessment; Fluvial Systems 2020)

2.4 Waterway Barrier Works – Crossings

No impacts to waterways providing for fish passage are proposed as a result of crossings by linear infrastructure. The mine access road crosses a mapped unnamed tributary of the Isaac River (i.e. site U3a in the *Aquatic Ecology and Stygofauna Assessment*, ESP 2021).

However, the upper section of the northern unnamed tributary crossed by the mine access road has been ground-truthed and does not meet the definition of a waterway providing for fish passage (ESP 2022), and is therefore not considered further.

2.5 Supplementary Stygofauna Surveys and Assessment

The stygofauna pilot study for the EIS (ESP 2021) was designed to detect stygofauna if present in the Project area or surrounds in accordance with the *Guideline for the Environmental Assessment of Subterranean Aquatic Fauna* (DES 2015). No stygofauna were recorded during the pilot study for the EIS (ESP 2021). The highly saline and largely unsaturated regolith throughout the broader region suggested that the groundwater environment within the Project area was not ideal for stygofauna (ESP 2021). However, stygofauna were considered likely to occur in the alluvium associated with the Isaac River (DPM Envirosiences 2018, ESP 2021).

Supplementary stygofauna sampling was completed by ESP in February 2022, targeting bores in the regolith and Isaac River alluvium (ESP 2022). During the supplementary survey, stygofauna taxa were recorded from one bore targeting the Isaac River alluvium (i.e. bore IF3839P):

- Ostracods from family Candonidae (2 specimens), and
- Syncarida from family Bathynellidae (10 specimens).

Both of these families are obligate inhabitants of groundwater ecosystems (i.e. stygobites).

Bathynellidae are widespread and occur in most alluvial aquifers across Australia. The taxonomy of the family Bathynellidae is relatively unresolved, with only a few genera described (Peter Hancock 2022, pers. comm.). All are obligate groundwater dwellers that rely on groundwater habitats for their entire lifecycle.

Candonidae includes both surface water and groundwater dwelling ostracod species. Although it was not possible to identify the specimens recorded during the current survey to species level, examination of key features determined that they were likely obligate stygofauna species (Peter Hancock 2022, pers. comm.).

The wetlands and farm dams in the locality are not likely to be aquatic groundwater dependant ecosystems (GDEs). Modelling has shown that the Project would result in negligible increased leakage from surface flows of the Isaac River to the underlying alluvium (SLR 2022). Therefore, impacts to surface flows and subsequently aquatic ecosystems downstream of the Project area are not expected.

As such, the Project is not expected to impact on subterranean or aquatic GDEs.

3 Conclusion

Potential Aquatic Ecology Impacts from the Optimised Mine Plan

The optimised Project mine plan reduces the overall surface disturbance extent by approximately 179 ha adjacent to the proposed South Pit and West Pit locations. The optimised Project final landform also includes backfilling the previous proposed South Pit mine void and providing a use for all remaining proposed residual voids (i.e. no non-use management areas). The optimised Project mine plan also includes re-establishing a post-mining surface water drainage that is sympathetic with the natural drainage lines.

The optimised Project mine plan would not increase impact on aquatic ecology, but rather have a positive impact on aquatic ecology, by reducing the overall clearance footprint, and increasing the catchment area reporting to the natural ecosystems (due to backfilling the previous proposed South Pit mine void).

Matters of State Environmental Significance – Waterway Providing for Fish Passage

The supplementary field surveys found the unnamed northern waterway is a waterway providing for fish passage Matter of State Environmental Significance as defined by the EO Regulation.

There is 3.28 km (constituting 5.28 ha) of the northern unnamed waterway within the mining lease. The majority of the northern unnamed waterway within the mining lease would be avoided. However, the Project would require the removal of up to 46% (1.52 km constituting 2.45 ha) of northern unnamed waterway that equates to the waterway providing for fish passage Matter of State Environmental Significance.

Measures to minimise and mitigate the impacts on the waterway providing for fish passage Matter of State Environmental Significance include:

- management of the northern unnamed waterway outside of the development footprint,
- construction of an up-catchment diversion system, and
- reinstating excised portions of the northern unnamed waterway in the final landform.

With the impact avoidance and mitigation measures outlined in Section 2.2.5, the Project is not expected to have a significant residual impact on waterways providing for fish passage. Therefore, no offsets are required for a waterway providing for fish passage.

Waterway Barrier Works – Crossings

No impacts to waterways providing for fish passage are proposed as a result of crossings by linear infrastructure.

Supplementary Stygofauna Surveys and Assessment

During the supplementary survey, stygofauna taxa were recorded from one bore targeting the Isaac River alluvium:

- Ostracods from family Candonidae (2 specimens), and
- Syncarida from family Bathynellidae (10 specimens).

Both of these families are obligate inhabitants of groundwater ecosystems (i.e. stygobites), and are widespread.

The wetlands and farm dams in the locality are not likely to be aquatic GDEs. Modelling has shown that the Project would result in negligible increased leakage from surface flows of the Isaac River to the underlying alluvium (SLR 2022). Therefore, impacts to surface flows and subsequently aquatic ecosystems downstream of the Project area are not expected.

As such, the Project is not expected to impact on subterranean or aquatic GDEs.

4 References

- Bureau of Meteorology 2021, Australian Water Information Dictionary, <http://www.bom.gov.au/water/awid/id-703.shtml>, Australian Government Bureau of Meteorology, accessed November 2021.
- Bureau of Meteorology 2022, *Groundwater Dependent Ecosystems Atlas*, Australian Government Bureau of Meteorology, <http://www.bom.gov.au/water/groundwater/gde/index.shtml>, accessed April 2022.
- Department of Agriculture and Fisheries 2018, *Accepted development requirements for operational work that is constructing or raising waterway barrier works*, Queensland Department of Agriculture and Fisheries.
- Department of Agriculture and Fisheries 2022, *What is a waterway?* Available at <https://www.daf.qld.gov.au/business-priorities/fisheries/habitats/policies-guidelines/factsheets/what-is-a-waterway>
- Department of Environment and Heritage Protection 2014, *Queensland Environmental Offsets Policy – Significant Residual Impact Guideline*, Queensland Government Department of Environment and Heritage, State of Queensland.
- Department of Environment and Science 2013, *Guideline: Model Water Conditions for Coal Mines in the Fitzroy Basin*, Department of Environment and Science.
- Department of Environment and Science 2014, *Receiving Environment Monitoring Program Guideline – For Use Within Environmentally Relevant Activities under the Environment Protection Act 2014*, Department of Environment and Science.
- Department of Environment and Science 2015, *Guideline for the Environmental Assessment of Subterranean Aquatic Fauna*, Queensland Government Department of Environment and Science, licensed under Creative Commons Attribution 4.0 sourced on 19 October 2019.
- DPM Envirosiences 2018, *Olive Downs Coking Coal Project – Aquatic Ecology Assessment*, report prepared for Pembroke Resources Pty Ltd.
- E2M Pty Ltd 2021, *Winchester South Project, Terrestrial Ecology Assessment*, E2M Pty Ltd, Brisbane.
- ESP 2021, *Winchester South Project: Aquatic Ecology and Stygofauna Assessment*, report prepared for Whitehaven WS Pty Ltd.
- ESP 2022, *Winchester South Project EIS: Aquatic Ecology and Stygofauna, Additional Information*, report prepared for Whitehaven WS Pty Ltd.
- Fluvial Systems 2020, *Winchester South Project, Environmental Impact Statement, Technical Study Report, Geomorphology*, Fluvial Systems Pty Ltd, Stockton, September.
- frc environmental 2012, *Winchester South Project: Aquatic Ecology Baseline Study*, report prepared by frc environmental for Rio Tinto Coal Australia.
- Hancock PJ 2022, *Personal Communication*.
- SLR Consulting Australia Pty Ltd 2022, *Winchester South Project EIS Groundwater Assessment*, report prepared for Whitehaven WS Pty Ltd.

WRM Water & Environment Pty Ltd 2021, *Winchester South Project Surface Water and Flooding Assessment*, report prepared for Whitehaven WS Pty Ltd.

WRM Water & Environment Pty Ltd 2022, *Winchester South Project Surface Water and Flooding Assessment*, report prepared for Whitehaven WS Pty Ltd.

Appendix A Updated Database Searches



EPBC Act Protected Matters Report

This report provides general guidance on matters of national environmental significance and other matters protected by the EPBC Act in the area you have selected. Please see the caveat for interpretation of information provided here.

Report created: 19-Apr-2022

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[Details](#)

[Matters of NES](#)

[Other Matters Protected by the EPBC Act](#)

[Extra Information](#)

[Caveat](#)

[Acknowledgements](#)

Summary

Matters of National Environment Significance

This part of the report summarises the matters of national environmental significance that may occur in, or may relate to, the area you nominated. Further information is available in the detail part of the report, which can be accessed by scrolling or following the links below. If you are proposing to undertake an activity that may have a significant impact on one or more matters of national environmental significance then you should consider the [Administrative Guidelines on Significance](#).

| | |
|--|------|
| World Heritage Properties: | None |
| National Heritage Places: | None |
| Wetlands of International Importance (Ramsar | None |
| Great Barrier Reef Marine Park: | None |
| Commonwealth Marine Area: | None |
| Listed Threatened Ecological Communities: | 5 |
| Listed Threatened Species: | 25 |
| Listed Migratory Species: | 11 |

Other Matters Protected by the EPBC Act

This part of the report summarises other matters protected under the Act that may relate to the area you nominated. Approval may be required for a proposed activity that significantly affects the environment on Commonwealth land, when the action is outside the Commonwealth land, or the environment anywhere when the action is taken on Commonwealth land. Approval may also be required for the Commonwealth or Commonwealth agencies proposing to take an action that is likely to have a significant impact on the

The EPBC Act protects the environment on Commonwealth land, the environment from the actions taken on Commonwealth land, and the environment from actions taken by Commonwealth agencies. As heritage values of a place are part of the 'environment', these aspects of the EPBC Act protect the Commonwealth Heritage values of a Commonwealth Heritage place. Information on the new heritage laws can be found at <http://www.environment.gov.au/heritage>

A [permit](#) may be required for activities in or on a Commonwealth area that may affect a member of a listed threatened species or ecological community, a member of a listed migratory species, whales and other cetaceans, or a member of a listed marine species.

| | |
|---|------|
| Commonwealth Lands: | None |
| Commonwealth Heritage Places: | None |
| Listed Marine Species: | 16 |
| Whales and Other Cetaceans: | None |
| Critical Habitats: | None |
| Commonwealth Reserves Terrestrial: | None |
| Australian Marine Parks: | None |
| Habitat Critical to the Survival of Marine Turtles: | None |

Extra Information

This part of the report provides information that may also be relevant to the area you have

| | |
|---|------|
| State and Territory Reserves: | None |
| Regional Forest Agreements: | None |
| Nationally Important Wetlands: | None |
| EPBC Act Referrals: | 60 |
| Key Ecological Features (Marine): | None |
| Biologically Important Areas: | None |
| Bioregional Assessments: | None |
| Geological and Bioregional Assessments: | None |

Details

Matters of National Environmental Significance

Listed Threatened Ecological Communities

[Resource Information]

For threatened ecological communities where the distribution is well known, maps are derived from recovery plans, State vegetation maps, remote sensing imagery and other sources. Where threatened ecological community distributions are less well known, existing vegetation maps and point location data are used to produce indicative distribution maps.

Status of Vulnerable, Disallowed and Ineligible are not MNES under the EPBC Act.

| Community Name | Threatened Category | Presence Text | Buffer Status |
|---|---------------------|---------------------------------------|---------------------|
| Brigalow (Acacia harpophylla dominant and co-dominant) | Endangered | Community known to occur within area | In feature area |
| Natural Grasslands of the Queensland Central Highlands and northern Fitzroy Basin | Endangered | Community likely to occur within area | In feature area |
| Poplar Box Grassy Woodland on Alluvial Plains | Endangered | Community likely to occur within area | In feature area |
| Semi-evergreen vine thickets of the Brigalow Belt (North and South) and Nandewar Bioregions | Endangered | Community likely to occur within area | In buffer area only |
| Weeping Myall Woodlands | Endangered | Community likely to occur within area | In buffer area only |

Listed Threatened Species

[Resource Information]

Status of Conservation Dependent and Extinct are not MNES under the EPBC Act.

Number is the current name ID.

| Scientific Name | Threatened Category | Presence Text | Buffer Status |
|---|-----------------------|--|-----------------|
| BIRD | | | |
| Calidris ferruginea Curlew Sandpiper [856] | Critically Endangered | Species or species habitat may occur within area | In feature area |
| Erythroriorchis radiatus Red Goshawk [942] | Vulnerable | Species or species habitat likely to occur within area | In feature area |
| Falco hypoleucos Grey Falcon [929] | Vulnerable | Species or species habitat likely to occur within area | In feature area |

| Scientific Name | Threatened Category | Presence Text | Buffer Status |
|---|---------------------|--|---------------------|
| Geophaps scripta scripta Squatter Pigeon (southern) [64440] | Vulnerable | Species or species habitat known to occur within area | In feature area |
| Grantiella picta Painted Honeyeater [470] | Vulnerable | Species or species habitat may occur within area | In buffer area only |
| Neochmia ruficauda ruficauda Star Finch (eastern), Star Finch (southern) [26027] | Endangered | Species or species habitat likely to occur within area | In feature area |
| Poephila cincta cincta Southern Black-throated Finch [64447] | Endangered | Species or species habitat may occur within area | In feature area |
| Rostratula australis Australian Painted Snipe [77037] | Endangered | Species or species habitat may occur within area | In feature area |
| MAMMAL | | | |
| Dasyurus hallucatus Northern Quoll, Digul [Gogo-Yimidir], Wijingadda [Dambimangari], Wiminji [Martu] [331] | Endangered | Species or species habitat likely to occur within area | In feature area |
| Macroderma gigas Ghost Bat [174] | Vulnerable | Species or species habitat likely to occur within area | In feature area |
| Nyctophilus corbeni Corben's Long-eared Bat, South-eastern Long-eared Bat [83395] | Vulnerable | Species or species habitat may occur within area | In feature area |
| Petauroides volans Greater Glider [254] | Vulnerable | Species or species habitat known to occur within area | In feature area |
| Phascolarctos cinereus (combined populations of Qld, NSW and the ACT) Koala (combined populations of Queensland, New South Wales and the Australian Capital Territory) [85104] | Endangered | Species or species habitat known to occur within area | In feature area |

| Scientific Name | Threatened Category | Presence Text | Buffer Status |
|---|-----------------------|--|---------------------|
| Pteropus poliocephalus Grey-headed Flying-fox [186] | Vulnerable | Foraging, feeding or related behaviour likely to occur within area | In buffer area only |
| PLANT | | | |
| Aristida annua [17906] | Vulnerable | Species or species habitat likely to occur within area | In buffer area only |
| Dichanthium queenslandicum King Blue-grass [5481] | Endangered | Species or species habitat likely to occur within area | In feature area |
| Dichanthium setosum bluegrass [14159] | Vulnerable | Species or species habitat likely to occur within area | In buffer area only |
| Eucalyptus raveretiana Black Ironbox [16344] | Vulnerable | Species or species habitat likely to occur within area | In feature area |
| Samadera bidwillii Quassia [29708] | Vulnerable | Species or species habitat likely to occur within area | In feature area |
| REPTILE | | | |
| Denisonia maculata Ornamental Snake [1193] | Vulnerable | Species or species habitat known to occur within area | In feature area |
| Egernia rugosa Yakka Skink [1420] | Vulnerable | Species or species habitat may occur within area | In feature area |
| Elseya albagula Southern Snapping Turtle, White-throated Snapping Turtle [81648] | Critically Endangered | Species or species habitat likely to occur within area | In feature area |
| Furina dunmalli Dunmall's Snake [59254] | Vulnerable | Species or species habitat may occur within area | In feature area |
| Lerista allanae Allan's Lerista, Retro Slider [1378] | Endangered | Species or species habitat likely to occur within area | In feature area |

| Scientific Name | Threatened Category | Presence Text | Buffer Status |
|--|---------------------|--|-----------------|
| Rheodytes leukops Fitzroy River Turtle, Fitzroy Tortoise, Fitzroy Turtle, White-eyed River Diver [1761] | Vulnerable | Species or species habitat likely to occur within area | In feature area |

Listed Migratory Species

[Resource Information]

| Scientific Name | Threatened Category | Presence Text | Buffer Status |
|---|---------------------|--|-----------------|
| Migratory Marine Birds | | | |
| Apus pacificus Fork-tailed Swift [678] | | Species or species habitat likely to occur within area | In feature area |

Migratory Terrestrial Species

| | | | |
|--|--|--|---------------------|
| Cuculus optatus Oriental Cuckoo, Horsfield's Cuckoo [86651] | | Species or species habitat may occur within area | In feature area |
| Motacilla flava Yellow Wagtail [644] | | Species or species habitat may occur within area | In feature area |
| Myiagra cyanoleuca Satin Flycatcher [612] | | Species or species habitat may occur within area | In buffer area only |

Migratory Wetlands Species

| | | | |
|--|-----------------------|---|-----------------|
| Actitis hypoleucos Common Sandpiper [59309] | | Species or species habitat may occur within area | In feature area |
| Calidris acuminata Sharp-tailed Sandpiper [874] | | Species or species habitat known to occur within area | In feature area |
| Calidris ferruginea Curlew Sandpiper [856] | Critically Endangered | Species or species habitat may occur within area | In feature area |
| Calidris melanotos Pectoral Sandpiper [858] | | Species or species habitat may occur within area | In feature area |
| Gallinago hardwickii Latham's Snipe, Japanese Snipe [863] | | Species or species habitat may occur within area | In feature area |

| Scientific Name | Threatened Category | Presence Text | Buffer Status |
|---|---------------------|--|---------------------|
| Pandion haliaetus Osprey [952] | | Species or species habitat likely to occur within area | In buffer area only |
| Tringa nebularia Common Greenshank, Greenshank [832] | | Species or species habitat may occur within area | In feature area |

Other Matters Protected by the EPBC Act

| Listed Marine Species | [Resource Information] | | |
|---|--------------------------|--|-----------------|
| Scientific Name | Threatened Category | Presence Text | Buffer Status |
| Bird | | | |
| Actitis hypoleucos Common Sandpiper [59309] | | Species or species habitat may occur within area | In feature area |
| Anseranas semipalmata Magpie Goose [978] | | Species or species habitat may occur within area overfly marine area | In feature area |
| Apus pacificus Fork-tailed Swift [678] | | Species or species habitat likely to occur within area overfly marine area | In feature area |
| Bubulcus ibis as Ardea ibis Cattle Egret [66521] | | Species or species habitat may occur within area overfly marine area | In feature area |
| Calidris acuminata Sharp-tailed Sandpiper [874] | | Species or species habitat known to occur within area | In feature area |
| Calidris ferruginea Curlew Sandpiper [856] | Critically Endangered | Species or species habitat may occur within area overfly marine area | In feature area |

| Scientific Name | Threatened Category | Presence Text | Buffer Status |
|--|---------------------|--|---------------------|
| Calidris melanotos Pectoral Sandpiper [858] | | Species or species habitat may occur within area overfly marine area | In feature area |
| Chalcites osculans as Chrysococcyx osculans Black-eared Cuckoo [83425] | | Species or species habitat likely to occur within area overfly marine area | In feature area |
| Gallinago hardwickii Latham's Snipe, Japanese Snipe [863] | | Species or species habitat may occur within area overfly marine area | In feature area |
| Haliaeetus leucogaster White-bellied Sea-Eagle [943] | | Species or species habitat known to occur within area | In feature area |
| Merops ornatus Rainbow Bee-eater [670] | | Species or species habitat may occur within area overfly marine area | In feature area |
| Motacilla flava Yellow Wagtail [644] | | Species or species habitat may occur within area overfly marine area | In feature area |
| Myiagra cyanoleuca Satin Flycatcher [612] | | Species or species habitat may occur within area overfly marine area | In buffer area only |
| Pandion haliaetus Osprey [952] | | Species or species habitat likely to occur within area | In buffer area only |
| Rostratula australis as Rostratula benghalensis (sensu lato) Australian Painted Snipe [77037] | Endangered | Species or species habitat may occur within area overfly marine area | In feature area |
| Tringa nebularia Common Greenshank, Greenshank [832] | | Species or species habitat may occur within area overfly marine area | In feature area |

Extra Information

| EPBC Act Referrals | | | [Resource Information] | |
|--|-----------|-------------------|-----------------------------|---------------------|
| Title of referral | Reference | Referral Outcome | Assessment Status | Buffer Status |
| Controlled action | | | | |
| 7 North Dam Extension Project - Peak Downs Mine | 2012/6260 | Controlled Action | Completed | In buffer area only |
| Alpha Coal Project - Mine and Rail Development | 2008/4648 | Controlled Action | Post-Approval | In buffer area only |
| Arrow Bowen Pipeline (CSG), QLD | 2012/6459 | Controlled Action | Post-Approval | In buffer area only |
| Bowen Gas Project | 2012/6377 | Controlled Action | Post-Approval | In feature area |
| Carmichael Coal Mine and Rail Project | 2010/5736 | Controlled Action | Post-Approval | In buffer area only |
| Caval Ridge Mine Horse Pit Extension, Bowen Basin | 2021/9031 | Controlled Action | Further Information Request | In buffer area only |
| Caval Ridge Open Cut Coal Mine Project | 2008/4417 | Controlled Action | Post-Approval | In buffer area only |
| Codrilla Open Cut Coal Mining and Processing Operation with Associated Infrastructure | 2009/4892 | Controlled Action | Post-Approval | In buffer area only |
| Construct and Operate the Connors River Dam and Pipelines | 2008/4429 | Controlled Action | Post-Approval | In buffer area only |
| Construction and operation of an extension to the existing underground coal mine, Grosvenor Mine, near Moranbah, Qld | 2016/7796 | Controlled Action | Post-Approval | In buffer area only |
| Develop an Open Cut Coal Mine at Daunia | 2008/4418 | Controlled Action | Post-Approval | In buffer area only |

| Title of referral | Reference | Referral Outcome | Assessment Status | Buffer Status |
|--|-----------|-------------------|---------------------|---------------------|
| Controlled action | | | | |
| Eagle Downs Coal Mine Central Queensland | 2008/3945 | Controlled Action | Post-Approval | In feature area |
| Ellensfield Underground Coal Mine | 2007/3643 | Controlled Action | Post-Approval | In buffer area only |
| Establishment of Galilee Coal Mine and Associated Infrastructure | 2009/4737 | Controlled Action | Post-Approval | In buffer area only |
| Extension to the existing Isaac Plains Mine, near Moranbah, Qld | 2016/7827 | Controlled Action | Post-Approval | In buffer area only |
| Gas pipeline | 2002/728 | Controlled Action | Post-Approval | In buffer area only |
| Goonyella Riverside Mine to South Walker Creek Mine Dragline Move | 2016/7788 | Controlled Action | Completed | In buffer area only |
| Harrybrandt Open Cut Coal Mine and Associated Infrastructure, Bowen Basin, Qld | 2012/6483 | Controlled Action | Completed | In buffer area only |
| install & operate gas pipeline | 2005/2059 | Controlled Action | Post-Approval | In feature area |
| Isaac Downs coal mine project, near Moranbah, Qld | 2019/8413 | Controlled Action | Post-Approval | In buffer area only |
| Isaac River Coal Mine Project | 2021/8980 | Controlled Action | Assessment Approach | In buffer area only |
| Lake Vermont Meadowbrook Coal Mine Project, Qld | 2019/8485 | Controlled Action | Assessment Approach | In buffer area only |
| Lake Vermont open cut coal northern extension project, central Qld | 2016/7701 | Controlled Action | Post-Approval | In buffer area only |
| Millenium Open Cut Coal Mine Expansion Project, QLD | 2009/4821 | Controlled Action | Post-Approval | In buffer area only |
| Moranbah North Extension Project, Moranbah, Qld | 2018/8338 | Controlled Action | Post-Approval | In buffer area only |
| Moranbah South Project Coal Mine, QLD | 2012/6337 | Controlled Action | Post-Approval | In feature area |
| New Saraji Coal Mine Project | 2007/3845 | Controlled Action | Completed | In buffer area only |
| Norwich Park & Blackwater CSG Fields & supporting infrastructure Bowen Basin | 2011/6032 | Controlled Action | Completed | In buffer area only |
| Norwich Park to Blackwater Gas Pipeline | 2011/6031 | Controlled Action | Completed | In buffer area only |

| Title of referral | Reference | Referral Outcome | Assessment Status | Buffer Status |
|---|-----------|-----------------------|---------------------|---------------------|
| Controlled action | | | | |
| Olive Downs Project Electricity Transmission Line | 2017/7869 | Controlled Action | Post-Approval | In buffer area only |
| Olive Downs Project Mine Site and Access Road | 2017/7867 | Controlled Action | Post-Approval | In buffer area only |
| Olive Downs Project Rail Spur | 2017/7870 | Controlled Action | Post-Approval | In feature area |
| Olive Downs Project Water Pipeline | 2017/7868 | Controlled Action | Post-Approval | In feature area |
| Open Cut Coal Mining | 2004/1770 | Controlled Action | Post-Approval | In feature area |
| Relocation of approximately 16km of Dysart Road and associated service infrastructure | 2013/6868 | Controlled Action | Post-Approval | In feature area |
| Saraji East Mining Lease Project, Qld | 2016/7791 | Controlled Action | Assessment Approach | In buffer area only |
| Spring Creek to Phillips Creek Diversion | 2019/8576 | Controlled Action | Post-Approval | In buffer area only |
| The Grosvenor Coal Mine Project | 2007/3785 | Controlled Action | Post-Approval | In buffer area only |
| Urannah Dam and Pipelines Project | 2020/8708 | Controlled Action | Assessment Approach | In buffer area only |
| Vulcan Complex Project | 2020/8676 | Controlled Action | Post-Approval | In buffer area only |
| Winchester South Project Electricity Transmission Line, near Moranbah, Qld | 2019/8458 | Controlled Action | Assessment Approach | In feature area |
| Winchester South Project Mine Site and Access Road, near Moranbah, Qld | 2019/8460 | Controlled Action | Assessment Approach | In feature area |
| Winchester South Project Water Pipeline, near Moranbah, Qld | 2019/8459 | Controlled Action | Assessment Approach | In feature area |
| Not controlled action | | | | |
| Broadlea North Coal Project open cut mine and associated infrastructure | 2005/2179 | Not Controlled Action | Completed | In buffer area only |
| Broadlea to Mallowa and Mallowa to Wotonga Rail Duplication | 2006/3046 | Not Controlled Action | Completed | In buffer area only |
| Carborough Downs mine extension | 2006/3085 | Not Controlled Action | Completed | In buffer area only |

| Title of referral | Reference | Referral Outcome | Assessment Status | Buffer Status |
|--|-----------|---|-------------------|---------------------|
| Not controlled action | | | | |
| construction and operation of Carborough Downs Mine | 2005/2064 | Not Controlled Action | Completed | In buffer area only |
| Coppabella-Ingsdon Railway Duplication | 2008/4103 | Not Controlled Action | Completed | In buffer area only |
| Eagle-1 Exploration Drilling, North West Shelf, WA | 2019/8578 | Not Controlled Action | Completed | In buffer area only |
| Improving rabbit biocontrol: releasing another strain of RHDV, sthrn two thirds of Australia | 2015/7522 | Not Controlled Action | Completed | In feature area |
| Integrated Isaac Plains Project | 2006/3043 | Not Controlled Action | Completed | In buffer area only |
| Moranbah to Alpha Pipeline Project | 2012/6257 | Not Controlled Action | Completed | In buffer area only |
| Olive Downs Project | 2005/2377 | Not Controlled Action | Completed | In feature area |
| Open cut coal mine 7km NE of Moranbah (Isaac Plains) | 2005/2070 | Not Controlled Action | Completed | In buffer area only |
| Upgrade of a section of the Goonyella Rail System | 2011/5857 | Not Controlled Action | Completed | In buffer area only |
| Vulcan Bulk Sample Project | 2019/8504 | Not Controlled Action | Completed | In buffer area only |
| Water pipeline | 2006/2595 | Not Controlled Action | Completed | In buffer area only |
| Not controlled action (particular manner) | | | | |
| Moranbah South Feasibility Seismic Survey | 2010/5497 | Not Controlled Action (Particular Manner) | Post-Approval | In buffer area only |
| Moranbah South Project 2013 Seismic Exploration Program, Qld | 2013/6814 | Not Controlled Action (Particular Manner) | Post-Approval | In buffer area only |
| Referral decision | | | | |
| Expansion of open cut coal mine and diversion of creeks in existing mine operati | 2006/2845 | Referral Decision | Completed | In buffer area only |

Caveat

1 PURPOSE

This report is designed to assist in identifying the location of matters of national environmental significance (MNES) and other matters protected by the Environment Protection and Biodiversity Conservation Act 1999 (Cth) (EPBC Act) which may be relevant in determining obligations and requirements under the EPBC Act.

The report contains the mapped locations of:

- World and National Heritage properties;
- Wetlands of International and National Importance;
- Commonwealth and State/Territory reserves;
- distribution of listed threatened, migratory and marine species;
- listed threatened ecological communities; and
- other information that may be useful as an indicator of potential habitat value.

2 DISCLAIMER

This report is not intended to be exhaustive and should only be relied upon as a general guide as mapped data is not available for all species or ecological communities listed under the EPBC Act (see below). Persons seeking to use the information contained in this report to inform the referral of a proposed action under the EPBC Act should consider the limitations noted below and whether additional information is required to determine the existence and location of MNES and other protected matters.

Where data are available to inform the mapping of protected species, the presence type (e.g. known, likely or may occur) that can be determined from the data is indicated in general terms. It is the responsibility of any person using or relying on the information in this report to ensure that it is suitable for the circumstances of any proposed use. The Commonwealth cannot accept responsibility for the consequences of any use of the report or any part thereof. To the maximum extent allowed under governing law, the Commonwealth will not be liable for any loss or damage that may be occasioned directly or indirectly through the use of, or reliance

3 DATA SOURCES

Threatened ecological communities

For threatened ecological communities where the distribution is well known, maps are generated based on information contained in recovery plans, State vegetation maps and remote sensing imagery and other sources. Where threatened ecological community distributions are less well known, existing vegetation maps and point location data are used to produce indicative distribution maps.

Threatened, migratory and marine species

Threatened, migratory and marine species distributions have been discerned through a variety of methods. Where distributions are well known and if time permits, distributions are inferred from either thematic spatial data (i.e. vegetation, soils, geology, elevation, aspect, terrain, etc.) together with point locations and described habitat; or modelled (MAXENT or BIOCLIM habitat modelling) using

Where little information is available for a species or large number of maps are required in a short time-frame, maps are derived either from 0.04 or 0.02 decimal degree cells; by an automated process using polygon capture techniques (static two kilometre grid cells, alpha-hull and convex hull); or captured manually or by using topographic features (national park boundaries, islands, etc.).

In the early stages of the distribution mapping process (1999-early 2000s) distributions were defined by degree blocks, 100K or 250K map sheets to rapidly create distribution maps. More detailed distribution mapping methods are used to update these distributions

4 LIMITATIONS

The following species and ecological communities have not been mapped and do not appear in this report:

- threatened species listed as extinct or considered vagrants;
- some recently listed species and ecological communities;
- some listed migratory and listed marine species, which are not listed as threatened species; and
- migratory species that are very widespread, vagrant, or only occur in Australia in small numbers.

The following groups have been mapped, but may not cover the complete distribution of the species:

- listed migratory and/or listed marine seabirds, which are not listed as threatened, have only been mapped for recorded
- seals which have only been mapped for breeding sites near the Australian continent

The breeding sites may be important for the protection of the Commonwealth Marine environment.

Refer to the metadata for the feature group (using the Resource Information link) for the currency of the information.

Acknowledgements

This database has been compiled from a range of data sources. The department acknowledges the following custodians who have contributed valuable data and advice:

- [-Office of Environment and Heritage, New South Wales](#)
- [-Department of Environment and Primary Industries, Victoria](#)
- [-Department of Primary Industries, Parks, Water and Environment, Tasmania](#)
- [-Department of Environment, Water and Natural Resources, South Australia](#)
- [-Department of Land and Resource Management, Northern Territory](#)
- [-Department of Environmental and Heritage Protection, Queensland](#)
- [-Department of Parks and Wildlife, Western Australia](#)
- [-Environment and Planning Directorate, ACT](#)
- [-Birdlife Australia](#)
- [-Australian Bird and Bat Banding Scheme](#)
- [-Australian National Wildlife Collection](#)
- [-Natural history museums of Australia](#)
- [-Museum Victoria](#)
- [-Australian Museum](#)
- [-South Australian Museum](#)
- [-Queensland Museum](#)
- [-Online Zoological Collections of Australian Museums](#)
- [-Queensland Herbarium](#)
- [-National Herbarium of NSW](#)
- [-Royal Botanic Gardens and National Herbarium of Victoria](#)
- [-Tasmanian Herbarium](#)
- [-State Herbarium of South Australia](#)
- [-Northern Territory Herbarium](#)
- [-Western Australian Herbarium](#)
- [-Australian National Herbarium, Canberra](#)
- [-University of New England](#)
- [-Ocean Biogeographic Information System](#)
- [-Australian Government, Department of Defence](#)
- [Forestry Corporation, NSW](#)
- [-Geoscience Australia](#)
- [-CSIRO](#)
- [-Australian Tropical Herbarium, Cairns](#)
- [-eBird Australia](#)
- [-Australian Government – Australian Antarctic Data Centre](#)
- [-Museum and Art Gallery of the Northern Territory](#)
- [-Australian Government National Environmental Science Program](#)
- [-Australian Institute of Marine Science](#)
- [-Reef Life Survey Australia](#)
- [-American Museum of Natural History](#)
- [-Queen Victoria Museum and Art Gallery, Inveresk, Tasmania](#)
- [-Tasmanian Museum and Art Gallery, Hobart, Tasmania](#)
- [-Other groups and individuals](#)

The Department is extremely grateful to the many organisations and individuals who provided expert advice and information on numerous draft distributions.

Please feel free to provide feedback via the [Contact Us](#) page.

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Department of Agriculture Water and the Environment

GPO Box 858

Canberra City ACT 2601 Australia

+61 2 6274 1111



Queensland Government

WildNet species list

Search Criteria: Species List for a Specified Point

Species: All

Type: All

Queensland status: All

Records: All

Date: All

Latitude: -22.1846

Longitude: 148.2693

Distance: 5

Email: kkeating@ecosp.com.au

Date submitted: Tuesday 19 Apr 2022 09:46:02

Date extracted: Tuesday 19 Apr 2022 09:50:06

The number of records retrieved = 102

Disclaimer

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Information about your Species lists request is logged for quality assurance, user support and product enhancement purposes only.

The information provided should be appropriately acknowledged as being derived from WildNet database when it is used. As the WildNet Program is still in a process of collating and vetting data, it is possible the information given is not complete. Go to the WildNet database webpage (<https://www.qld.gov.au/environment/plants-animals/species-information/wildnet>) to find out more about WildNet and where to access other WildNet information products approved for publication. Feedback about WildNet species lists should be emailed to wildlife.online@des.qld.gov.au.

| Kingdom | Class | Family | Scientific Name | Common Name | I | Q | A | Records |
|---------|-------------------|-------------------|---|---------------------------------------|---|---|---|---------|
| animals | birds | Accipitridae | <i>Circus assimilis</i> | spotted harrier | | C | | 1 |
| animals | birds | Columbidae | <i>Geophaps scripta scripta</i> | squatter pigeon (southern subspecies) | | V | V | 3 |
| animals | birds | Falconidae | <i>Falco berigora</i> | brown falcon | | C | | 1 |
| animals | mammals | Pseudocheiridae | <i>Petauroides armillatus</i> | central greater glider | | E | V | 1 |
| animals | ray-finned fishes | Ambassidae | <i>Ambassis agassizii</i> | Agassiz's glassfish | | | | 3 |
| animals | ray-finned fishes | Atherinidae | <i>Craterocephalus stercusmuscarum</i> | flyspecked hardyhead | | | | 3 |
| animals | ray-finned fishes | Cichlidae | <i>Oreochromis mossambica</i> | Mozambique mouthbrooder | Y | | | 2 |
| animals | ray-finned fishes | Clupeidae | <i>Nematalosa erebi</i> | bony bream | | | | 3 |
| animals | ray-finned fishes | Eleotridae | <i>Hypseleotris sp.</i> | | | | | 5 |
| animals | ray-finned fishes | Eleotridae | <i>Oxyeleotris lineolata</i> | sleepy cod | | | | 2 |
| animals | ray-finned fishes | Melanotaeniidae | <i>Melanotaenia splendida splendida</i> | eastern rainbowfish | | | | 3 |
| animals | ray-finned fishes | Plotosidae | <i>Neosilurus hyrtlii</i> | Hyrtl's catfish | | | | 1 |
| animals | ray-finned fishes | Plotosidae | <i>Porochilus rendahli</i> | Rendahl's catfish | | | | 1 |
| animals | ray-finned fishes | Terapontidae | <i>Leiopotherapon unicolor</i> | spangled perch | | | | 2 |
| animals | reptiles | Chelidae | <i>Chelodina longicollis</i> | eastern snake-necked turtle | | C | | 1 |
| animals | reptiles | Elapidae | <i>Denisonia maculata</i> | ornamental snake | | V | V | 8 |
| plants | land plants | Acanthaceae | <i>Brunoniella australis</i> | blue trumpet | | C | | 3 |
| plants | land plants | Acanthaceae | <i>Rostellularia adscendens</i> | | | C | | 1 |
| plants | land plants | Aizoaceae | <i>Trianthema triquetra</i> | red spinach | | C | | 1 |
| plants | land plants | Apocynaceae | <i>Carissa ovata</i> | currantbush | | C | | 1 |
| plants | land plants | Asteraceae | <i>Parthenium hysterophorus</i> | parthenium weed | Y | | | 7 |
| plants | land plants | Capparaceae | <i>Capparis</i> | | | | | 1 |
| plants | land plants | Capparaceae | <i>Capparis anomala</i> | | | C | | 1 |
| plants | land plants | Capparaceae | <i>Capparis lasiantha</i> | nipan | | C | | 1 |
| plants | land plants | Convolvulaceae | <i>Ipomoea lonchophylla</i> | | | C | | 7 |
| plants | land plants | Convolvulaceae | <i>Polymeria longifolia</i> | polymeria | | C | | 1 |
| plants | land plants | Cyperaceae | <i>Cyperus concinnus</i> | | | C | | 1 |
| plants | land plants | Cyperaceae | <i>Cyperus gilesii</i> | | | C | | 5 |
| plants | land plants | Euphorbiaceae | <i>Euphorbia drummondii</i> | | | C | | 1 |
| plants | land plants | Goodeniaceae | <i>Goodenia glabra</i> | | | C | | 2 |
| plants | land plants | Haloragaceae | <i>Haloragis stricta</i> | | | C | | 2 |
| plants | land plants | Hemerocallidaceae | <i>Dianella longifolia</i> | | | C | | 1 |
| plants | land plants | Laxmanniaceae | <i>Lomandra multiflora</i> | | | C | | 2 |
| plants | land plants | Leguminosae | <i>Acacia excelsa</i> | | | C | | 2 |
| plants | land plants | Leguminosae | <i>Cassia brewsteri</i> | | | C | | 1 |
| plants | land plants | Leguminosae | <i>Crotalaria</i> | | | | | 1 |
| plants | land plants | Leguminosae | <i>Crotalaria juncea</i> | sunhemp | Y | | | 3 |
| plants | land plants | Leguminosae | <i>Cullen tenax</i> | emu-foot | | C | | 2 |
| plants | land plants | Leguminosae | <i>Desmodium campylocaulon</i> | | | C | | 1 |
| plants | land plants | Leguminosae | <i>Galactia muelleri</i> | | | C | | 2 |
| plants | land plants | Leguminosae | <i>Galactia tenuiflora</i> | | | C | | 1 |
| plants | land plants | Leguminosae | <i>Glycine falcata</i> | | | C | | 5 |
| plants | land plants | Leguminosae | <i>Indigofera linifolia</i> | | | C | | 2 |
| plants | land plants | Leguminosae | <i>Lysiphyllum</i> | | | | | 1 |
| plants | land plants | Leguminosae | <i>Lysiphyllum carronii</i> | ebony tree | | C | | 1 |
| plants | land plants | Leguminosae | <i>Neptunia gracilis forma gracilis</i> | | | C | | 5 |

| Kingdom | Class | Family | Scientific Name | Common Name | I | Q | A | Records |
|---------|-------------|----------------|--|-------------------------|---|---|---|---------|
| plants | land plants | Leguminosae | <i>Rhynchosia minima</i> | | | C | | 1 |
| plants | land plants | Leguminosae | <i>Rhynchosia minima</i> var. <i>minima</i> | | | C | | 5 |
| plants | land plants | Leguminosae | <i>Senna</i> | | | | | 1 |
| plants | land plants | Leguminosae | <i>Sesbania cannabina</i> | | | C | | 2 |
| plants | land plants | Leguminosae | <i>Stylosanthes hamata</i> | | Y | | | 1 |
| plants | land plants | Leguminosae | <i>Tephrosia filipes</i> | | | C | | 1 |
| plants | land plants | Leguminosae | <i>Vachellia farnesiana</i> | | Y | | | 2 |
| plants | land plants | Leguminosae | <i>Vigna lanceolata</i> | | | C | | 5 |
| plants | land plants | Leguminosae | <i>Vigna radiata</i> var. <i>sublobata</i> | | | C | | 2 |
| plants | land plants | Malvaceae | <i>Abelmoschus ficulneus</i> | native rosella | | C | | 3 |
| plants | land plants | Malvaceae | <i>Abutilon hannii</i> | | | C | | 1 |
| plants | land plants | Malvaceae | <i>Hibiscus meraukensis</i> | Merauke hibiscus | | C | | 1 |
| plants | land plants | Malvaceae | <i>Malvastrum americanum</i> | | Y | | | 4 |
| plants | land plants | Malvaceae | <i>Sida corrugata</i> | | | C | | 5 |
| plants | land plants | Malvaceae | <i>Sida spinosa</i> | spiny sida | Y | | | 4 |
| plants | land plants | Meliaceae | <i>Owenia acidula</i> | emu apple | | C | | 1 |
| plants | land plants | Nyctaginaceae | <i>Boerhavia burbridgeana</i> | | | C | | 1 |
| plants | land plants | Phyllanthaceae | <i>Phyllanthus maderaspatensis</i> | | | C | | 1 |
| plants | land plants | Phyllanthaceae | <i>Phyllanthus virgatus</i> | | | C | | 1 |
| plants | land plants | Poaceae | <i>Aristida latifolia</i> | feathertop wiregrass | | C | | 4 |
| plants | land plants | Poaceae | <i>Aristida leptopoda</i> | white speargrass | | C | | 1 |
| plants | land plants | Poaceae | <i>Astrebla lappacea</i> | curly mitchell grass | | C | | 3 |
| plants | land plants | Poaceae | <i>Astrebla squarrosa</i> | bull mitchell grass | | C | | 4 |
| plants | land plants | Poaceae | <i>Bothriochloa erianthoides</i> | satintop grass | | C | | 1 |
| plants | land plants | Poaceae | <i>Bothriochloa ewartiana</i> | desert bluegrass | | C | | 5 |
| plants | land plants | Poaceae | <i>Bothriochloa pertusa</i> | | Y | | | 2/1 |
| plants | land plants | Poaceae | <i>Brachyachne convergens</i> | common native couch | | C | | 6 |
| plants | land plants | Poaceae | <i>Cenchrus ciliaris</i> | | Y | | | 6 |
| plants | land plants | Poaceae | <i>Chloris truncata</i> | | | C | | 1 |
| plants | land plants | Poaceae | <i>Chloris virgata</i> | feathertop rhodes grass | Y | | | 3 |
| plants | land plants | Poaceae | <i>Dichanthium aristatum</i> | angleton grass | Y | | | 1/1 |
| plants | land plants | Poaceae | <i>Dichanthium queenslandicum</i> | | | V | E | 1/1 |
| plants | land plants | Poaceae | <i>Dichanthium sericeum</i> | | | C | | 5 |
| plants | land plants | Poaceae | <i>Digitaria ammophila</i> | silky umbrella grass | | C | | 1 |
| plants | land plants | Poaceae | <i>Enneapogon truncatus</i> | | | C | | 3 |
| plants | land plants | Poaceae | <i>Eragrostis tenellula</i> | delicate lovegrass | | C | | 1 |
| plants | land plants | Poaceae | <i>Eriochloa crebra</i> | spring grass | | C | | 7/1 |
| plants | land plants | Poaceae | <i>Eriochloa pseudoacrotricha</i> | | | C | | 4 |
| plants | land plants | Poaceae | <i>Heteropogon contortus</i> | black speargrass | | C | | 4 |
| plants | land plants | Poaceae | <i>Iseilema vaginiflorum</i> | red flinders grass | | C | | 6 |
| plants | land plants | Poaceae | <i>Melinis repens</i> | red natal grass | Y | | | 2 |
| plants | land plants | Poaceae | <i>Ophiuros exaltatus</i> | | | C | | 2 |
| plants | land plants | Poaceae | <i>Panicum decompositum</i> var. <i>decompositum</i> | | | C | | 4 |
| plants | land plants | Poaceae | <i>Panicum queenslandicum</i> | | | C | | 2 |
| plants | land plants | Poaceae | <i>Panicum queenslandicum</i> var. <i>acuminatum</i> | | | C | | 1/1 |
| plants | land plants | Poaceae | <i>Paspalidium globoideum</i> | sago grass | | C | | 4 |

| Kingdom | Class | Family | Scientific Name | Common Name | I | Q | A | Records |
|---------|-------------|-----------------|-------------------------------|----------------|---|---|---|---------|
| plants | land plants | Poaceae | <i>Poaceae</i> | | | | | 1 |
| plants | land plants | Poaceae | <i>Sehima nervosum</i> | | | C | | 1/1 |
| plants | land plants | Poaceae | <i>Sporobolus creber</i> | | | C | | 1 |
| plants | land plants | Poaceae | <i>Themeda triandra</i> | kangaroo grass | | C | | 4 |
| plants | land plants | Polygalaceae | <i>Polygala crassitesta</i> | | | C | | 1 |
| plants | land plants | Sapindaceae | <i>Atalaya</i> | | | | | 1 |
| plants | land plants | Sapindaceae | <i>Atalaya hemiglauca</i> | | | C | | 1 |
| plants | land plants | Solanaceae | <i>Solanum esuriale</i> | quena | | C | | 3 |
| plants | land plants | Sparrmanniaceae | <i>Corchorus trilocularis</i> | | | C | | 1 |
| plants | land plants | Thymelaeaceae | <i>Pimelea haematostachya</i> | | | C | | 4 |

CODES

I - Y indicates that the taxon is introduced to Queensland and has naturalised.

Q - Indicates the Queensland conservation status of each taxon under the *Nature Conservation Act 1992*.

The codes are Extinct (EX), Extinct in the Wild (PE), Critically Endangered (CR), Endangered (E), Vulnerable (V), Near Threatened (NT), Special Least Concern (SL) and Least Concern (C).

A - Indicates the Australian conservation status of each taxon under the *Environment Protection and Biodiversity Conservation Act 1999*.

The values of EPBC are Extinct (EX), Extinct in the Wild (XW), Critically Endangered (CE), Endangered (E), Vulnerable (V) and Conservation Dependent (CD).

Records - The first number indicates the total number of records of the taxon (wildlife records and species listings for selected areas).

This number is output as 99999 if it equals or exceeds this value. A second number located after a / indicates the number of specimen records for the taxon.

This number is output as 999 if it equals or exceeds this value.



Queensland Government

WildNet species list

Search Criteria: Species List for a Specified Point

Species: All

Type: All

Queensland status: All

Records: All

Date: All

Latitude: -22.1846

Longitude: 148.2693

Distance: 30

Email: kkeating@ecosp.com.au

Date submitted: Tuesday 19 Apr 2022 09:43:30

Date extracted: Tuesday 19 Apr 2022 09:50:03

The number of records retrieved = 925

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| Kingdom | Class | Family | Scientific Name | Common Name | I | Q | A | Records |
|---------|------------|-----------------|------------------------------------|----------------------------|---|---|---|---------|
| animals | amphibians | Bufonidae | <i>Rhinella marina</i> | cane toad | Y | | | 20 |
| animals | amphibians | Hylidae | <i>Cyclorana alboguttata</i> | greenstripe frog | | C | | 6 |
| animals | amphibians | Hylidae | <i>Cyclorana brevipes</i> | superb collared frog | | C | | 5 |
| animals | amphibians | Hylidae | <i>Cyclorana novaehollandiae</i> | eastern snapping frog | | C | | 6 |
| animals | amphibians | Hylidae | <i>Cyclorana verrucosa</i> | rough collared frog | | C | | 2/1 |
| animals | amphibians | Hylidae | <i>Litoria caerulea</i> | common green treefrog | | C | | 9 |
| animals | amphibians | Hylidae | <i>Litoria fallax</i> | eastern sedgefrog | | C | | 1 |
| animals | amphibians | Hylidae | <i>Litoria inermis</i> | bumpy rocketfrog | | C | | 6 |
| animals | amphibians | Hylidae | <i>Litoria latopalmata</i> | broad palmed rocketfrog | | C | | 12 |
| animals | amphibians | Hylidae | <i>Litoria nasuta</i> | striped rocketfrog | | C | | 1 |
| animals | amphibians | Hylidae | <i>Litoria rothii</i> | northern laughing treefrog | | C | | 3 |
| animals | amphibians | Hylidae | <i>Litoria rubella</i> | ruddy treefrog | | C | | 9 |
| animals | amphibians | Limnodynastidae | <i>Limnodynastes peronii</i> | striped marshfrog | | C | | 1 |
| animals | amphibians | Limnodynastidae | <i>Limnodynastes salmini</i> | salmon striped frog | | C | | 8 |
| animals | amphibians | Limnodynastidae | <i>Limnodynastes tasmaniensis</i> | spotted grassfrog | | C | | 13 |
| animals | amphibians | Limnodynastidae | <i>Limnodynastes terraereginae</i> | scarlet sided pobblebonk | | C | | 5 |
| animals | amphibians | Limnodynastidae | <i>Platyplectrum ornatum</i> | ornate burrowing frog | | C | | 29 |
| animals | amphibians | Myobatrachidae | <i>Pseudophryne major</i> | great brown broodfrog | | C | | 1 |
| animals | amphibians | Myobatrachidae | <i>Uperoleia rugosa</i> | chubby gungan | | C | | 1 |
| animals | birds | Acanthizidae | <i>Acanthiza apicalis</i> | inland thornbill | | C | | 3 |
| animals | birds | Acanthizidae | <i>Acanthiza chrysorrhoa</i> | yellow-rumped thornbill | | C | | 4 |
| animals | birds | Acanthizidae | <i>Acanthiza nana</i> | yellow thornbill | | C | | 11 |
| animals | birds | Acanthizidae | <i>Acanthiza reguloides</i> | buff-rumped thornbill | | C | | 6 |
| animals | birds | Acanthizidae | <i>Gerygone fusca</i> | western gerygone | | C | | 1 |
| animals | birds | Acanthizidae | <i>Gerygone olivacea</i> | white-throated gerygone | | C | | 32 |
| animals | birds | Acanthizidae | <i>Pyrrholaemus sagittatus</i> | speckled warbler | | C | | 4 |
| animals | birds | Acanthizidae | <i>Sericornis frontalis</i> | white-browed scrubwren | | C | | 1 |
| animals | birds | Acanthizidae | <i>Smicronis brevirostris</i> | weebill | | C | | 45 |
| animals | birds | Accipitridae | <i>Accipiter cirrocephalus</i> | collared sparrowhawk | | C | | 4 |
| animals | birds | Accipitridae | <i>Accipiter fasciatus</i> | brown goshawk | | C | | 6 |
| animals | birds | Accipitridae | <i>Aquila audax</i> | wedge-tailed eagle | | C | | 21 |
| animals | birds | Accipitridae | <i>Aviceda subcristata</i> | Pacific baza | | C | | 3 |
| animals | birds | Accipitridae | <i>Circus approximans</i> | swamp harrier | | C | | 1 |
| animals | birds | Accipitridae | <i>Circus assimilis</i> | spotted harrier | | C | | 2 |
| animals | birds | Accipitridae | <i>Elanus axillaris</i> | black-shouldered kite | | C | | 7 |
| animals | birds | Accipitridae | <i>Haliaeetus leucogaster</i> | white-bellied sea-eagle | | C | | 5 |
| animals | birds | Accipitridae | <i>Haliastur sphenurus</i> | whistling kite | | C | | 38 |
| animals | birds | Accipitridae | <i>Hieraaetus morphnoides</i> | little eagle | | C | | 1 |
| animals | birds | Accipitridae | <i>Milvus migrans</i> | black kite | | C | | 14 |
| animals | birds | Acrocephalidae | <i>Acrocephalus australis</i> | Australian reed-warbler | | C | | 10 |
| animals | birds | Aegothelidae | <i>Aegotheles cristatus</i> | Australian owl-nightjar | | C | | 4 |
| animals | birds | Alaudidae | <i>Mirafra javanica</i> | Horsfield's bushlark | | C | | 6 |
| animals | birds | Anatidae | <i>Anas castanea</i> | chestnut teal | | C | | 2 |
| animals | birds | Anatidae | <i>Anas gracilis</i> | grey teal | | C | | 28 |
| animals | birds | Anatidae | <i>Anas superciliosa</i> | Pacific black duck | | C | | 33 |
| animals | birds | Anatidae | <i>Aythya australis</i> | hardhead | | C | | 20 |

| Kingdom | Class | Family | Scientific Name | Common Name | I | Q | A | Records |
|---------|-------|---------------|---------------------------------------|---------------------------------------|---|---|---|---------|
| animals | birds | Anatidae | <i>Chenonetta jubata</i> | Australian wood duck | | C | | 31 |
| animals | birds | Anatidae | <i>Cygnus atratus</i> | black swan | | C | | 13 |
| animals | birds | Anatidae | <i>Dendrocygna arcuata</i> | wandering whistling-duck | | C | | 3 |
| animals | birds | Anatidae | <i>Dendrocygna eytoni</i> | plumed whistling-duck | | C | | 13 |
| animals | birds | Anatidae | <i>Malacorhynchus membranaceus</i> | pink-eared duck | | C | | 1 |
| animals | birds | Anatidae | <i>Nettapus coromandelianus</i> | cotton pygmy-goose | | C | | 9 |
| animals | birds | Anhingidae | <i>Anhinga novaehollandiae</i> | Australasian darter | | C | | 21 |
| animals | birds | Anseranatidae | <i>Anseranas semipalmata</i> | magpie goose | | C | | 1 |
| animals | birds | Ardeidae | <i>Ardea alba modesta</i> | eastern great egret | | C | | 19 |
| animals | birds | Ardeidae | <i>Ardea intermedia</i> | intermediate egret | | C | | 15 |
| animals | birds | Ardeidae | <i>Ardea pacifica</i> | white-necked heron | | C | | 13 |
| animals | birds | Ardeidae | <i>Bubulcus ibis</i> | cattle egret | | C | | 3 |
| animals | birds | Ardeidae | <i>Egretta garzetta</i> | little egret | | C | | 4 |
| animals | birds | Ardeidae | <i>Egretta novaehollandiae</i> | white-faced heron | | C | | 21 |
| animals | birds | Ardeidae | <i>Nycticorax caledonicus</i> | nankeen night-heron | | C | | 5 |
| animals | birds | Artamidae | <i>Artamus cinereus</i> | black-faced woodswallow | | C | | 11 |
| animals | birds | Artamidae | <i>Artamus leucorhynchus</i> | white-breasted woodswallow | | C | | 20 |
| animals | birds | Artamidae | <i>Artamus minor</i> | little woodswallow | | C | | 1 |
| animals | birds | Artamidae | <i>Artamus personatus</i> | masked woodswallow | | C | | 2 |
| animals | birds | Artamidae | <i>Artamus superciliosus</i> | white-browed woodswallow | | C | | 1 |
| animals | birds | Artamidae | <i>Cracticus nigrogularis</i> | piebald butcherbird | | C | | 62 |
| animals | birds | Artamidae | <i>Cracticus torquatus</i> | grey butcherbird | | C | | 40 |
| animals | birds | Artamidae | <i>Gymnorhina tibicen</i> | Australian magpie | | C | | 84 |
| animals | birds | Artamidae | <i>Strepera graculina</i> | piebald currawong | | C | | 20 |
| animals | birds | Burhinidae | <i>Burhinus grallarius</i> | bush stone-curlew | | C | | 4 |
| animals | birds | Cacatuidae | <i>Cacatua galerita</i> | sulphur-crested cockatoo | | C | | 36 |
| animals | birds | Cacatuidae | <i>Eolophus roseicapilla</i> | galah | | C | | 38 |
| animals | birds | Cacatuidae | <i>Nymphicus hollandicus</i> | cockatiel | | C | | 10 |
| animals | birds | Campephagidae | <i>Coracina maxima</i> | ground cuckoo-shrike | | C | | 1 |
| animals | birds | Campephagidae | <i>Coracina novaehollandiae</i> | black-faced cuckoo-shrike | | C | | 45 |
| animals | birds | Campephagidae | <i>Coracina papuensis</i> | white-bellied cuckoo-shrike | | C | | 4 |
| animals | birds | Campephagidae | <i>Edolisoma tenuirostre</i> | common cicadabird | | C | | 9 |
| animals | birds | Campephagidae | <i>Lalage tricolor</i> | white-winged triller | | C | | 12 |
| animals | birds | Casuariidae | <i>Dromaius novaehollandiae</i> | emu | | C | | 18 |
| animals | birds | Charadriidae | <i>Elseya melanops</i> | black-fronted dotterel | | C | | 14 |
| animals | birds | Charadriidae | <i>Vanellus miles</i> | masked lapwing | | C | | 16 |
| animals | birds | Charadriidae | <i>Vanellus miles novaehollandiae</i> | masked lapwing (southern subspecies) | | C | | 8 |
| animals | birds | Ciconiidae | <i>Ephippiorhynchus asiaticus</i> | black-necked stork | | C | | 4 |
| animals | birds | Cisticolidae | <i>Cisticola exilis</i> | golden-headed cisticola | | C | | 16 |
| animals | birds | Climacteridae | <i>Climacteris picumnus</i> | brown treecreeper | | C | | 1 |
| animals | birds | Columbidae | <i>Geopelia cuneata</i> | diamond dove | | C | | 2 |
| animals | birds | Columbidae | <i>Geopelia humeralis</i> | bar-shouldered dove | | C | | 15 |
| animals | birds | Columbidae | <i>Geopelia placida</i> | peaceful dove | | C | | 26 |
| animals | birds | Columbidae | <i>Geophaps scripta scripta</i> | squatter pigeon (southern subspecies) | | V | V | 35 |
| animals | birds | Columbidae | <i>Ocyphaps lophotes</i> | crested pigeon | | C | | 28 |
| animals | birds | Columbidae | <i>Phaps chalcoptera</i> | common bronzewing | | C | | 7 |

| Kingdom | Class | Family | Scientific Name | Common Name | I | Q | A | Records |
|---------|-------|----------------|--|----------------------------|---|----|---|---------|
| animals | birds | Coraciidae | <i>Eurystomus orientalis</i> | dollarbird | | C | | 30 |
| animals | birds | Corcoracidae | <i>Corcorax melanorhamphos</i> | white-winged chough | | C | | 12 |
| animals | birds | Corcoracidae | <i>Struthidea cinerea</i> | apostlebird | | C | | 54 |
| animals | birds | Corvidae | <i>Corvus bennetti</i> | little crow | | C | | 1 |
| animals | birds | Corvidae | <i>Corvus coronoides</i> | Australian raven | | C | | 2 |
| animals | birds | Corvidae | <i>Corvus orru</i> | Torresian crow | | C | | 105 |
| animals | birds | Cuculidae | <i>Cacomantis flabelliformis</i> | fan-tailed cuckoo | | C | | 3 |
| animals | birds | Cuculidae | <i>Cacomantis pallidus</i> | pallid cuckoo | | C | | 10 |
| animals | birds | Cuculidae | <i>Cacomantis variolosus</i> | brush cuckoo | | C | | 1 |
| animals | birds | Cuculidae | <i>Centropus phasianinus</i> | pheasant coucal | | C | | 19 |
| animals | birds | Cuculidae | <i>Chalcites basalis</i> | Horsfield's bronze-cuckoo | | C | | 8 |
| animals | birds | Cuculidae | <i>Chalcites lucidus</i> | shining bronze-cuckoo | | C | | 4 |
| animals | birds | Cuculidae | <i>Chalcites minutillus</i> | little bronze-cuckoo | | C | | 3 |
| animals | birds | Cuculidae | <i>Eudynamys orientalis</i> | eastern koel | | C | | 6 |
| animals | birds | Cuculidae | <i>Scythrops novaehollandiae</i> | channel-billed cuckoo | | C | | 15 |
| animals | birds | Dicruridae | <i>Dicrurus bracteatus</i> | spangled drongo | | C | | 6 |
| animals | birds | Estrildidae | <i>Lonchura castaneothorax</i> | chestnut-breasted mannikin | | C | | 4 |
| animals | birds | Estrildidae | <i>Neochmia modesta</i> | plum-headed finch | | C | | 3 |
| animals | birds | Estrildidae | <i>Neochmia temporalis</i> | red-browed finch | | C | | 1 |
| animals | birds | Estrildidae | <i>Taeniopygia bichenovii</i> | double-barred finch | | C | | 29 |
| animals | birds | Estrildidae | <i>Taeniopygia guttata</i> | zebra finch | | C | | 3 |
| animals | birds | Eurostopodidae | <i>Eurostopodus mystacalis</i> | white-throated nightjar | | C | | 5 |
| animals | birds | Falconidae | <i>Falco berigora</i> | brown falcon | | C | | 17 |
| animals | birds | Falconidae | <i>Falco cenchroides</i> | nankeen kestrel | | C | | 26 |
| animals | birds | Falconidae | <i>Falco longipennis</i> | Australian hobby | | C | | 5 |
| animals | birds | Falconidae | <i>Falco peregrinus</i> | peregrine falcon | | C | | 1 |
| animals | birds | Gruidae | <i>Antigone rubicunda</i> | brilga | | C | | 25 |
| animals | birds | Halcyonidae | <i>Dacelo leachii</i> | blue-winged kookaburra | | C | | 14 |
| animals | birds | Halcyonidae | <i>Dacelo novaeguineae</i> | laughing kookaburra | | C | | 42 |
| animals | birds | Halcyonidae | <i>Todiramphus macleayii</i> | forest kingfisher | | C | | 17 |
| animals | birds | Halcyonidae | <i>Todiramphus pyrrhopygius</i> | red-backed kingfisher | | C | | 6 |
| animals | birds | Halcyonidae | <i>Todiramphus sanctus</i> | sacred kingfisher | | C | | 12 |
| animals | birds | Hirundinidae | <i>Hirundo neoxena</i> | welcome swallow | | C | | 8 |
| animals | birds | Hirundinidae | <i>Petrochelidon ariel</i> | fairy martin | | C | | 11 |
| animals | birds | Hirundinidae | <i>Petrochelidon nigricans</i> | tree martin | | C | | 10 |
| animals | birds | Jacaniidae | <i>Irediparra gallinacea</i> | comb-crested jacana | | C | | 2 |
| animals | birds | Laridae | <i>Chlidonias hybrida</i> | whiskered tern | | C | | 1 |
| animals | birds | Laridae | <i>Chroicocephalus novaehollandiae</i> | silver gull | | C | | 2 |
| animals | birds | Laridae | <i>Gelochelidon nilotica</i> | gull-billed tern | | SL | | 1 |
| animals | birds | Laridae | <i>Hydroprogne caspia</i> | Caspian tern | | SL | | 1 |
| animals | birds | Maluridae | <i>Malurus assimilis</i> | purple-backed fairy-wren | | C | | 15 |
| animals | birds | Maluridae | <i>Malurus cyaneus</i> | superb fairy-wren | | C | | 1 |
| animals | birds | Maluridae | <i>Malurus melanocephalus</i> | red-backed fairy-wren | | C | | 44 |
| animals | birds | Megaluridae | <i>Cincloramphus cruralis</i> | brown songlark | | C | | 1 |
| animals | birds | Megaluridae | <i>Cincloramphus mathewsi</i> | rufous songlark | | C | | 9 |
| animals | birds | Megaluridae | <i>Cincloramphus timoriensis</i> | tawny grassbird | | C | | 4 |

| Kingdom | Class | Family | Scientific Name | Common Name | I | Q | A | Records |
|---------|-------|-------------------|-----------------------------------|---------------------------|---|----|---|---------|
| animals | birds | Megaluridae | <i>Poodytes gramineus</i> | little grassbird | | C | | 1 |
| animals | birds | Megapodiidae | <i>Alectura lathamii</i> | Australian brush-turkey | | C | | 1 |
| animals | birds | Meliphagidae | <i>Acanthagenys rufogularis</i> | spiny-cheeked honeyeater | | C | | 4 |
| animals | birds | Meliphagidae | <i>Caligavis chrysops</i> | yellow-faced honeyeater | | C | | 2 |
| animals | birds | Meliphagidae | <i>Entomyzon cyanotis</i> | blue-faced honeyeater | | C | | 43 |
| animals | birds | Meliphagidae | <i>Gavicalis virescens</i> | singing honeyeater | | C | | 30 |
| animals | birds | Meliphagidae | <i>Lichmera indistincta</i> | brown honeyeater | | C | | 17 |
| animals | birds | Meliphagidae | <i>Manorina flavigula</i> | yellow-throated miner | | C | | 25 |
| animals | birds | Meliphagidae | <i>Manorina melanocephala</i> | noisy miner | | C | | 26 |
| animals | birds | Meliphagidae | <i>Meliphaga lewinii</i> | Lewin's honeyeater | | C | | 3 |
| animals | birds | Meliphagidae | <i>Melithreptus albogularis</i> | white-throated honeyeater | | C | | 41 |
| animals | birds | Meliphagidae | <i>Melithreptus gularis</i> | black-chinned honeyeater | | C | | 1 |
| animals | birds | Meliphagidae | <i>Melithreptus lunatus</i> | white-naped honeyeater | | C | | 1 |
| animals | birds | Meliphagidae | <i>Myzomela obscura</i> | dusky honeyeater | | C | | 1 |
| animals | birds | Meliphagidae | <i>Myzomela sanguinolenta</i> | scarlet honeyeater | | C | | 1 |
| animals | birds | Meliphagidae | <i>Philemon citreogularis</i> | little friarbird | | C | | 29 |
| animals | birds | Meliphagidae | <i>Philemon corniculatus</i> | noisy friarbird | | C | | 45 |
| animals | birds | Meliphagidae | <i>Plectorhyncha lanceolata</i> | striped honeyeater | | C | | 25 |
| animals | birds | Meliphagidae | <i>Ptilotula fusca</i> | fuscous honeyeater | | C | | 1 |
| animals | birds | Meliphagidae | <i>Stomiopera flava</i> | yellow honeyeater | | C | | 2 |
| animals | birds | Meropidae | <i>Merops ornatus</i> | rainbow bee-eater | | C | | 44 |
| animals | birds | Monarchidae | <i>Grallina cyanoleuca</i> | magpie-lark | | C | | 59 |
| animals | birds | Monarchidae | <i>Monarcha melanopsis</i> | black-faced monarch | | SL | | 1 |
| animals | birds | Monarchidae | <i>Myiagra inquieta</i> | restless flycatcher | | C | | 5 |
| animals | birds | Monarchidae | <i>Myiagra rubecula</i> | leaden flycatcher | | C | | 19 |
| animals | birds | Motacillidae | <i>Anthus novaeseelandiae</i> | Australasian pipit | | C | | 18 |
| animals | birds | Nectariniidae | <i>Dicaeum hirundinaceum</i> | mistletoebird | | C | | 13 |
| animals | birds | Neosittidae | <i>Daphoenositta chrysoptera</i> | varied sittella | | C | | 11 |
| animals | birds | Oriolidae | <i>Oriolus sagittatus</i> | olive-backed oriole | | C | | 12 |
| animals | birds | Oriolidae | <i>Sphecotheres vieilloti</i> | Australasian figbird | | C | | 6 |
| animals | birds | Otididae | <i>Ardeotis australis</i> | Australian bustard | | C | | 14 |
| animals | birds | Pachycephalidae | <i>Colluricincla harmonica</i> | grey shrike-thrush | | C | | 20 |
| animals | birds | Pachycephalidae | <i>Colluricincla megarhyncha</i> | little shrike-thrush | | C | | 1 |
| animals | birds | Pachycephalidae | <i>Pachycephala pectoralis</i> | golden whistler | | C | | 1 |
| animals | birds | Pachycephalidae | <i>Pachycephala rufiventris</i> | rufous whistler | | C | | 27 |
| animals | birds | Pardalotidae | <i>Pardalotus striatus</i> | striated pardalote | | C | | 72 |
| animals | birds | Passeridae | <i>Passer domesticus</i> | house sparrow | Y | | | 1 |
| animals | birds | Pelecanidae | <i>Pelecanus conspicillatus</i> | Australian pelican | | C | | 15 |
| animals | birds | Petroicidae | <i>Eopsaltria australis</i> | eastern yellow robin | | C | | 1 |
| animals | birds | Petroicidae | <i>Microeca fascinans</i> | jacky winter | | C | | 7 |
| animals | birds | Petroicidae | <i>Petroica goodenovii</i> | red-capped robin | | C | | 3 |
| animals | birds | Phalacrocoracidae | <i>Microcarbo melanoleucos</i> | little pied cormorant | | C | | 20 |
| animals | birds | Phalacrocoracidae | <i>Phalacrocorax carbo</i> | great cormorant | | C | | 1 |
| animals | birds | Phalacrocoracidae | <i>Phalacrocorax sulcirostris</i> | little black cormorant | | C | | 19 |
| animals | birds | Phalacrocoracidae | <i>Phalacrocorax varius</i> | pied cormorant | | C | | 4 |
| animals | birds | Phasianidae | <i>Coturnix pectoralis</i> | stubble quail | | C | | 3 |

| Kingdom | Class | Family | Scientific Name | Common Name | I | Q | A | Records |
|---------|---------|-------------------|--------------------------------------|-------------------------------------|---|----|---|---------|
| animals | birds | Phasianidae | <i>Synoicus ypsilophorus</i> | brown quail | | C | | 13 |
| animals | birds | Podargidae | <i>Podargus strigoides</i> | tawny frogmouth | | C | | 17 |
| animals | birds | Podicipedidae | <i>Podiceps cristatus</i> | great crested grebe | | C | | 8 |
| animals | birds | Podicipedidae | <i>Tachybaptus novaehollandiae</i> | Australasian grebe | | C | | 22 |
| animals | birds | Pomatostomidae | <i>Pomatostomus temporalis</i> | grey-crowned babbler | | C | | 36 |
| animals | birds | Psittacidae | <i>Aprosmictus erythropterus</i> | red-winged parrot | | C | | 23 |
| animals | birds | Psittacidae | <i>Melopsittacus undulatus</i> | budgerigar | | C | | 1 |
| animals | birds | Psittacidae | <i>Parvipsitta pusilla</i> | little lorikeet | | C | | 1 |
| animals | birds | Psittacidae | <i>Platycercus adscitus</i> | pale-headed rosella | | C | | 47 |
| animals | birds | Psittacidae | <i>Platycercus adscitus paliceps</i> | pale-headed rosella (southern form) | | C | | 2 |
| animals | birds | Psittacidae | <i>Trichoglossus chlorolepidotus</i> | scaly-breasted lorikeet | | C | | 3 |
| animals | birds | Psittacidae | <i>Trichoglossus moluccanus</i> | rainbow lorikeet | | C | | 40 |
| animals | birds | Ptilonorhynchidae | <i>Chlamydera maculata</i> | spotted bowerbird | | C | | 10 |
| animals | birds | Ptilonorhynchidae | <i>Chlamydera nuchalis</i> | great bowerbird | | C | | 2 |
| animals | birds | Rallidae | <i>Fulica atra</i> | Eurasian coot | | C | | 10 |
| animals | birds | Rallidae | <i>Gallinula tenebrosa</i> | dusky moorhen | | C | | 12 |
| animals | birds | Rallidae | <i>Gallirallus philippensis</i> | buff-banded rail | | C | | 1 |
| animals | birds | Rallidae | <i>Porphyrio melanotus</i> | purple swampphen | | C | | 10 |
| animals | birds | Rallidae | <i>Porzana fluminea</i> | Australian spotted crane | | C | | 1 |
| animals | birds | Recurvirostridae | <i>Himantopus himantopus</i> | black-winged stilt | | C | | 10 |
| animals | birds | Rhipiduridae | <i>Rhipidura albiscapa</i> | grey fantail | | C | | 29 |
| animals | birds | Rhipiduridae | <i>Rhipidura leucophrys</i> | willie wagtail | | C | | 44 |
| animals | birds | Rhipiduridae | <i>Rhipidura rufifrons</i> | rufous fantail | | SL | | 2 |
| animals | birds | Scolopacidae | <i>Calidris acuminata</i> | sharp-tailed sandpiper | | SL | | 1 |
| animals | birds | Scolopacidae | <i>Tringa nebularia</i> | common greenshank | | SL | | 1 |
| animals | birds | Scolopacidae | <i>Tringa stagnatilis</i> | marsh sandpiper | | SL | | 3 |
| animals | birds | Strigidae | <i>Ninox boobook</i> | southern boobook | | C | | 11 |
| animals | birds | Strigidae | <i>Ninox connivens</i> | barking owl | | C | | 2 |
| animals | birds | Sturnidae | <i>Acridotheres tristis</i> | common myna | Y | | | 2 |
| animals | birds | Threskiornithidae | <i>Platalea flavipes</i> | yellow-billed spoonbill | | C | | 5 |
| animals | birds | Threskiornithidae | <i>Platalea regia</i> | royal spoonbill | | C | | 14 |
| animals | birds | Threskiornithidae | <i>Plegadis falcinellus</i> | glossy ibis | | SL | | 2 |
| animals | birds | Threskiornithidae | <i>Threskiornis molucca</i> | Australian white ibis | | C | | 8 |
| animals | birds | Threskiornithidae | <i>Threskiornis spinicollis</i> | straw-necked ibis | | C | | 12 |
| animals | birds | Timaliidae | <i>Zosterops lateralis</i> | silvereye | | C | | 2 |
| animals | birds | Turnicidae | <i>Turnix varius</i> | painted button-quail | | C | | 4 |
| animals | birds | Tytonidae | <i>Tyto javanica</i> | eastern barn owl | | C | | 5 |
| animals | birds | Tytonidae | <i>Tyto longimembris</i> | eastern grass owl | | C | | 1 |
| animals | insects | Nymphalidae | <i>Acraea andromacha andromacha</i> | glasswing | | | | 1 |
| animals | insects | Nymphalidae | <i>Danaus petilia</i> | lesser wanderer | | | | 1 |
| animals | insects | Nymphalidae | <i>Euploea corinna</i> | common crow | | | | 4 |
| animals | insects | Nymphalidae | <i>Hypolimnas bolina nerina</i> | varied eggfly | | | | 1 |
| animals | insects | Nymphalidae | <i>Junonia villida villida</i> | meadow argus | | | | 4 |
| animals | insects | Nymphalidae | <i>Tirumala hamata hamata</i> | blue tiger | | | | 1 |
| animals | insects | Papilionidae | <i>Papilio anactus</i> | dainty swallowtail | | | | 2 |
| animals | insects | Pieridae | <i>Belenois java teutonia</i> | caper white | | | | 6 |

| Kingdom | Class | Family | Scientific Name | Common Name | I | Q | A | Records |
|---------|---------|-----------------|--|------------------------------------|---|----|---|---------|
| animals | insects | Pieridae | <i>Catopsilia pomona</i> | lemon migrant | | | | 6 |
| animals | insects | Pieridae | <i>Cepora perimale scyllara</i> | caper gull (Australian subspecies) | | | | 1 |
| animals | insects | Pieridae | <i>Elodina parthia</i> | striated pearl-white | | | | 1 |
| animals | mammals | Bovidae | <i>Bos taurus</i> | European cattle | Y | | | 2 |
| animals | mammals | Canidae | <i>Canis familiaris</i> | dog | Y | | | 4 |
| animals | mammals | Canidae | <i>Canis familiaris (dingo)</i> | dingo | | | | 3 |
| animals | mammals | Canidae | <i>Canis sp.</i> | | Y | | | 3 |
| animals | mammals | Canidae | <i>Vulpes vulpes</i> | red fox | Y | | | 3 |
| animals | mammals | Cervidae | <i>Axis axis</i> | chital | Y | | | 3 |
| animals | mammals | Dasyuridae | <i>Planigale maculata</i> | common planigale | | C | | 3 |
| animals | mammals | Dasyuridae | <i>Planigale tenuirostris</i> | narrow-nosed planigale | | C | | 2 |
| animals | mammals | Dasyuridae | <i>Sminthopsis macroura</i> | stripe-faced dunnart | | C | | 1 |
| animals | mammals | Emballonuridae | <i>Saccolaimus flaviventris</i> | yellow-bellied sheath-tail bat | | C | | 16 |
| animals | mammals | Emballonuridae | <i>Taphozous australis</i> | coastal sheath-tail bat | | NT | | 1 |
| animals | mammals | Emballonuridae | <i>Taphozous troughtoni</i> | Troughton's sheath-tail bat | | C | | 5 |
| animals | mammals | Felidae | <i>Felis catus</i> | cat | Y | | | 4 |
| animals | mammals | Leporidae | <i>Oryctolagus cuniculus</i> | rabbit | Y | | | 18 |
| animals | mammals | Macropodidae | <i>Lagorchestes conspicillatus</i> | spectacled hare-wallaby | | C | | 1 |
| animals | mammals | Macropodidae | <i>Macropus giganteus</i> | eastern grey kangaroo | | C | | 21 |
| animals | mammals | Macropodidae | <i>Notamacropus dorsalis</i> | black-striped wallaby | | C | | 3 |
| animals | mammals | Macropodidae | <i>Osphranter robustus</i> | common wallaroo | | C | | 5 |
| animals | mammals | Macropodidae | <i>Osphranter rufus</i> | red kangaroo | | C | | 1 |
| animals | mammals | Macropodidae | <i>Petrogale inornata</i> | unadorned rock-wallaby | | C | | 4 |
| animals | mammals | Macropodidae | <i>Petrogale sp.</i> | | | C | | 1 |
| animals | mammals | Macropodidae | <i>Wallabia bicolor</i> | swamp wallaby | | C | | 3 |
| animals | mammals | Miniopteridae | <i>Miniopterus australis</i> | little bent-wing bat | | C | | 6 |
| animals | mammals | Miniopteridae | <i>Miniopterus schreibersii oceanensis</i> | eastern bent-wing bat | | C | | 7 |
| animals | mammals | Molossidae | <i>Austronomus australis</i> | white-striped freetail bat | | C | | 1 |
| animals | mammals | Molossidae | <i>Chaerephon jobensis</i> | northern freetail bat | | C | | 15 |
| animals | mammals | Molossidae | <i>Mormopterus lumsdenae</i> | northern free-tailed bat | | C | | 10 |
| animals | mammals | Molossidae | <i>Mormopterus ridei</i> | eastern free-tailed bat | | C | | 9 |
| animals | mammals | Muridae | <i>Hydromys chrysogaster</i> | water rat | | C | | 6 |
| animals | mammals | Muridae | <i>Leggadina lakedownensis</i> | Lakeland Downs mouse | | C | | 1 |
| animals | mammals | Muridae | <i>Mus musculus</i> | house mouse | Y | | | 10 |
| animals | mammals | Muridae | <i>Pseudomys delicatulus</i> | delicate mouse | | C | | 6 |
| animals | mammals | Muridae | <i>Pseudomys gracilicaudatus</i> | eastern chestnut mouse | | C | | 5 |
| animals | mammals | Muridae | <i>Pseudomys patrius</i> | eastern pebble-mound mouse | | C | | 1 |
| animals | mammals | Muridae | <i>Rattus fuscipes</i> | bush rat | | C | | 1 |
| animals | mammals | Muridae | <i>Rattus rattus</i> | black rat | Y | | | 1 |
| animals | mammals | Peramelidae | <i>Isoodon macrourus</i> | northern brown bandicoot | | C | | 3 |
| animals | mammals | Petauridae | <i>Petaurus norfolcensis</i> | squirrel glider | | C | | 3 |
| animals | mammals | Petauridae | <i>Petaurus notatus</i> | Krefft's glider | | C | | 9 |
| animals | mammals | Petauridae | <i>Petaurus sp.</i> | | | C | | 1 |
| animals | mammals | Phalangeridae | <i>Trichosurus vulpecula</i> | common brushtail possum | | C | | 13 |
| animals | mammals | Phascolarctidae | <i>Phascolarctos cinereus</i> | koala | | E | E | 114 |
| animals | mammals | Potoroidae | <i>Aepyprymnus rufescens</i> | rufous bettong | | C | | 15 |

| Kingdom | Class | Family | Scientific Name | Common Name | I | Q | A | Records |
|---------|-------------------|------------------|---|--------------------------------|---|----|----|---------|
| animals | mammals | Pseudocheiridae | <i>Petauroides armillatus</i> | central greater glider | | E | V | 103 |
| animals | mammals | Pseudocheiridae | <i>Pseudocheirus peregrinus</i> | common ringtail possum | | C | | 1 |
| animals | mammals | Pteropodidae | <i>Pteropus scapulatus</i> | little red flying-fox | | C | | 7 |
| animals | mammals | Suidae | <i>Sus scrofa</i> | pig | Y | | | 9 |
| animals | mammals | Tachyglossidae | <i>Tachyglossus aculeatus</i> | short-beaked echidna | | SL | | 19 |
| animals | mammals | Vespertilionidae | <i>Chalinolobus dwyeri</i> | large-eared pied bat | | V | V | 1 |
| animals | mammals | Vespertilionidae | <i>Chalinolobus gouldii</i> | Gould's wattled bat | | C | | 20 |
| animals | mammals | Vespertilionidae | <i>Chalinolobus morio</i> | chocolate wattled bat | | C | | 9 |
| animals | mammals | Vespertilionidae | <i>Chalinolobus nigrogriseus</i> | hoary wattled bat | | C | | 9 |
| animals | mammals | Vespertilionidae | <i>Chalinolobus picatus</i> | little pied bat | | C | | 16 |
| animals | mammals | Vespertilionidae | <i>Chalinolobus sp.</i> | | | C | | 5 |
| animals | mammals | Vespertilionidae | <i>Nyctophilus bifax</i> | northern long-eared bat | | C | | 1 |
| animals | mammals | Vespertilionidae | <i>Nyctophilus geoffroyi</i> | lesser long-eared bat | | C | | 1 |
| animals | mammals | Vespertilionidae | <i>Nyctophilus gouldi</i> | Gould's long-eared bat | | C | | 3 |
| animals | mammals | Vespertilionidae | <i>Nyctophilus sp.</i> | | | C | | 4 |
| animals | mammals | Vespertilionidae | <i>Scotorepens balstoni</i> | inland broad-nosed bat | | C | | 10 |
| animals | mammals | Vespertilionidae | <i>Scotorepens greyii</i> | little broad-nosed bat | | C | | 19 |
| animals | mammals | Vespertilionidae | <i>Scotorepens sanborni</i> | northern broad-nosed bat | | C | | 3 |
| animals | mammals | Vespertilionidae | <i>Scotorepens sp.</i> | | | C | | 1 |
| animals | mammals | Vespertilionidae | <i>Vespadelus baverstocki</i> | inland forest bat | | C | | 9 |
| animals | mammals | Vespertilionidae | <i>Vespadelus troughtoni</i> | eastern cave bat | | C | | 12 |
| animals | ray-finned fishes | Ambassidae | <i>Ambassis agassizii</i> | Agassiz's glassfish | | | | 32 |
| animals | ray-finned fishes | Atherinidae | <i>Craterocephalus stercusmuscarum</i> | flyspecked hardyhead | | | | 8 |
| animals | ray-finned fishes | Cichlidae | <i>Oreochromis mossambica</i> | Mozambique mouthbrooder | Y | | | 14 |
| animals | ray-finned fishes | Clupeidae | <i>Nematalosa erebi</i> | bony bream | | | | 16 |
| animals | ray-finned fishes | Eleotridae | <i>Hypseleotris galii</i> | firetail gudgeon | | | | 1 |
| animals | ray-finned fishes | Eleotridae | <i>Hypseleotris klunzingeri</i> | western carp gudgeon | | | | 3 |
| animals | ray-finned fishes | Eleotridae | <i>Hypseleotris sp.</i> | | | | | 29 |
| animals | ray-finned fishes | Eleotridae | <i>Mogurnda adspersa</i> | southern purplespotted gudgeon | | | | 8 |
| animals | ray-finned fishes | Eleotridae | <i>Oxyeleotris lineolata</i> | sleepy cod | | | | 8 |
| animals | ray-finned fishes | Eleotridae | <i>Philypnodon grandiceps</i> | flathead gudgeon | | | | 1 |
| animals | ray-finned fishes | Melanotaeniidae | <i>Melanotaenia splendida splendida</i> | eastern rainbowfish | | | | 29 |
| animals | ray-finned fishes | Osteoglossidae | <i>Scleropages leichardti</i> | southern saratoga | | | | 1 |
| animals | ray-finned fishes | Percichthyidae | <i>Macquaria ambigua</i> | golden perch | | | | 4 |
| animals | ray-finned fishes | Plotosidae | <i>Neosilurus hyrtlui</i> | Hyrtl's catfish | | | | 11 |
| animals | ray-finned fishes | Plotosidae | <i>Porochilus rendahli</i> | Rendahl's catfish | | | | 1 |
| animals | ray-finned fishes | Plotosidae | <i>Tandanus tandanus</i> | freshwater catfish | | | | 1 |
| animals | ray-finned fishes | Poeciliidae | <i>Gambusia holbrooki</i> | mosquitofish | Y | | | 4 |
| animals | ray-finned fishes | Poeciliidae | <i>Xiphophorus maculatus</i> | platy | Y | | | 2 |
| animals | ray-finned fishes | Retropinnidae | <i>Retropinna semoni</i> | Australian smelt | | | | 1 |
| animals | ray-finned fishes | Terapontidae | <i>Bidyanus bidyanus</i> | silver perch | | | CE | 1 |
| animals | ray-finned fishes | Terapontidae | <i>Leiopotherapon unicolor</i> | spangled perch | | | | 19 |
| animals | reptiles | Agamidae | <i>Amphibolurus burnsii</i> | Burns's dragon | | C | | 2 |
| animals | reptiles | Agamidae | <i>Chlamydosaurus kingii</i> | frilled lizard | | C | | 2 |
| animals | reptiles | Agamidae | <i>Diporiphora australis</i> | tommy roundhead | | C | | 12/1 |
| animals | reptiles | Agamidae | <i>Pogona barbata</i> | bearded dragon | | C | | 6 |

| Kingdom | Class | Family | Scientific Name | Common Name | I | Q | A | Records |
|---------|----------|------------------|--|---------------------------------|---|---|---|---------|
| animals | reptiles | Agamidae | <i>Pogona vitticeps</i> | central bearded dragon | | C | | 1 |
| animals | reptiles | Boidae | <i>Antaresia maculosa</i> | spotted python | | C | | 11 |
| animals | reptiles | Boidae | <i>Aspidites melanocephalus</i> | black-headed python | | C | | 4 |
| animals | reptiles | Carphodactylidae | <i>Nephurus asper</i> | spiny knob-tailed gecko | | C | | 5 |
| animals | reptiles | Chelidae | <i>Chelodina longicollis</i> | eastern snake-necked turtle | | C | | 4 |
| animals | reptiles | Chelidae | <i>Emydura macquarii krefftii</i> | Krefft's river turtle | | C | | 6 |
| animals | reptiles | Chelidae | <i>Emydura sp.</i> | | | C | | 1 |
| animals | reptiles | Colubridae | <i>Boiga irregularis</i> | brown tree snake | | C | | 5 |
| animals | reptiles | Colubridae | <i>Dendrelaphis punctulatus</i> | green tree snake | | C | | 1 |
| animals | reptiles | Colubridae | <i>Tropidonophis mairii</i> | freshwater snake | | C | | 2 |
| animals | reptiles | Diplodactylidae | <i>Amalosia rhombifer</i> | zig-zag gecko | | C | | 3 |
| animals | reptiles | Diplodactylidae | <i>Diplodactylus platyurus</i> | eastern fat-tailed gecko | | C | | 11 |
| animals | reptiles | Diplodactylidae | <i>Diplodactylus vittatus</i> | wood gecko | | C | | 2 |
| animals | reptiles | Diplodactylidae | <i>Lucasium steindachneri</i> | Steindachner's gecko | | C | | 14 |
| animals | reptiles | Diplodactylidae | <i>Oedura monilis</i> | ocellated velvet gecko | | C | | 8 |
| animals | reptiles | Diplodactylidae | <i>Oedura monilis sensu lato</i> | ocellated velvet gecko | | C | | 5 |
| animals | reptiles | Diplodactylidae | <i>Strophurus williamsi</i> | soft-spined gecko | | C | | 5 |
| animals | reptiles | Elapidae | <i>Acanthophis antarcticus</i> | common death adder | | V | | 1 |
| animals | reptiles | Elapidae | <i>Brachyurops australis</i> | coral snake | | C | | 1 |
| animals | reptiles | Elapidae | <i>Cryptophis boschmai</i> | Carpentaria whip snake | | C | | 6 |
| animals | reptiles | Elapidae | <i>Demansia psammophis</i> | yellow-faced whipsnake | | C | | 5 |
| animals | reptiles | Elapidae | <i>Denisonia maculata</i> | ornamental snake | | V | V | 43 |
| animals | reptiles | Elapidae | <i>Denisonia sp.</i> | | | C | | 1 |
| animals | reptiles | Elapidae | <i>Furina diadema</i> | red-naped snake | | C | | 3 |
| animals | reptiles | Elapidae | <i>Hoplocephalus bitorquatus</i> | pale-headed snake | | C | | 6 |
| animals | reptiles | Elapidae | <i>Pseudonaja textilis</i> | eastern brown snake | | C | | 11 |
| animals | reptiles | Elapidae | <i>Suta suta</i> | myall snake | | C | | 7 |
| animals | reptiles | Gekkonidae | <i>Gehyra catenata</i> | chain-backed dtella | | C | | 11 |
| animals | reptiles | Gekkonidae | <i>Gehyra dubia</i> | dubious dtella | | C | | 48/1 |
| animals | reptiles | Gekkonidae | <i>Gehyra versicolor</i> | | | C | | 1 |
| animals | reptiles | Gekkonidae | <i>Heteronotia binoei</i> | Bynoe's gecko | | C | | 36 |
| animals | reptiles | Pygopodidae | <i>Lialis burtonis</i> | Burton's legless lizard | | C | | 7 |
| animals | reptiles | Pygopodidae | <i>Paradelma orientalis</i> | brigalow scaly-foot | | C | | 1 |
| animals | reptiles | Pygopodidae | <i>Pygopus schraderi</i> | eastern hooded scaly-foot | | C | | 1 |
| animals | reptiles | Scincidae | <i>Bellatorias frerei</i> | major skink | | C | | 1 |
| animals | reptiles | Scincidae | <i>Carlia munda</i> | shaded-litter rainbow-skink | | C | | 5 |
| animals | reptiles | Scincidae | <i>Carlia pectoralis sensu lato</i> | | | C | | 19 |
| animals | reptiles | Scincidae | <i>Carlia rubigo</i> | orange-flanked rainbow skink | | C | | 13 |
| animals | reptiles | Scincidae | <i>Carlia schmeltzii</i> | robust rainbow-skink | | C | | 7/1 |
| animals | reptiles | Scincidae | <i>Carlia sp.</i> | | | C | | 1 |
| animals | reptiles | Scincidae | <i>Carlia vivax</i> | tussock rainbow-skink | | C | | 4 |
| animals | reptiles | Scincidae | <i>Cryptoblepharus pannosus</i> | ragged snake-eyed skink | | C | | 2 |
| animals | reptiles | Scincidae | <i>Cryptoblepharus pulcher pulcher</i> | elegant snake-eyed skink | | C | | 9 |
| animals | reptiles | Scincidae | <i>Cryptoblepharus sp.</i> | | | C | | 1 |
| animals | reptiles | Scincidae | <i>Cryptoblepharus virgatus sensu lato</i> | | | C | | 7 |
| animals | reptiles | Scincidae | <i>Ctenotus ingrami</i> | unspotted yellow-sided ctenotus | | C | | 1 |

| Kingdom | Class | Family | Scientific Name | Common Name | I | Q | A | Records |
|---------|-----------------|-----------------|--|------------------------------------|---|---|---|---------|
| animals | reptiles | Scincidae | <i>Ctenotus spaldingi</i> | straight-browed ctenotus | | C | | 19 |
| animals | reptiles | Scincidae | <i>Ctenotus strauchii</i> | eastern barred wedgesnout ctenotus | | C | | 1 |
| animals | reptiles | Scincidae | <i>Ctenotus taeniolatus</i> | copper-tailed skink | | C | | 18 |
| animals | reptiles | Scincidae | <i>Eulamprus sp.</i> | | | C | | 2 |
| animals | reptiles | Scincidae | <i>Glaphyromorphus punctulatus</i> | fine-spotted mulch-skink | | C | | 2/1 |
| animals | reptiles | Scincidae | <i>Lerista fragilis</i> | eastern mulch slider | | C | | 17/1 |
| animals | reptiles | Scincidae | <i>Lerista punctatovittata</i> | eastern robust slider | | C | | 1 |
| animals | reptiles | Scincidae | <i>Lygisaurus foliorum</i> | tree-base litter-skink | | C | | 14 |
| animals | reptiles | Scincidae | <i>Menetia greyii</i> | common dwarf skink | | C | | 4 |
| animals | reptiles | Scincidae | <i>Morethia boulengeri</i> | south-eastern morethia skink | | C | | 8 |
| animals | reptiles | Scincidae | <i>Morethia taeniopleura</i> | fire-tailed skink | | C | | 6 |
| animals | reptiles | Scincidae | <i>Pygmaeascincus timlowi</i> | dwarf litter-skink | | C | | 3 |
| animals | reptiles | Scincidae | <i>Tiliqua rugosa</i> | shingle-back | | C | | 1 |
| animals | reptiles | Scincidae | <i>Tiliqua scincoides</i> | eastern blue-tongued lizard | | C | | 2 |
| animals | reptiles | Typhlopidae | <i>Anilius affinis</i> | small-headed blind snake | | C | | 2 |
| animals | reptiles | Typhlopidae | <i>Anilius ligatus</i> | robust blind snake | | C | | 1 |
| animals | reptiles | Typhlopidae | <i>Anilius unguirostris</i> | claw-snouted blind snake | | C | | 1 |
| animals | reptiles | Varanidae | <i>Varanus tristis</i> | black-tailed monitor | | C | | 10 |
| fungi | lecanoromycetes | Cladoniaceae | <i>Cladia muelleri</i> | | | C | | 1/1 |
| fungi | lecanoromycetes | Cladoniaceae | <i>Ramalinora glaucolivida</i> | | | C | | 1/1 |
| fungi | lecanoromycetes | Lecideaceae | <i>Lecidea</i> | | | | | 3/3 |
| fungi | lecanoromycetes | Parmeliaceae | <i>Xanthoparmelia ballingalliana</i> | | | C | | 2/2 |
| fungi | lecanoromycetes | Parmeliaceae | <i>Xanthoparmelia exuviata</i> | | | C | | 1/1 |
| fungi | lecanoromycetes | Physciaceae | <i>Rinodina</i> | | | | | 1/1 |
| fungi | lecanoromycetes | Porinaceae | <i>Porina subargillacea</i> | | | C | | 1/1 |
| fungi | lecanoromycetes | Teloschistaceae | <i>Caloplaca cinnabarina</i> | | | C | | 1/1 |
| fungi | lichinomycetes | Peltulaceae | <i>Peltula placodizans</i> | | | C | | 1/1 |
| plants | land plants | Acanthaceae | <i>Brunoniella australis</i> | blue trumpet | | C | | 13 |
| plants | land plants | Acanthaceae | <i>Harnieria sp. (Lornesleigh E.J.Thompson+ CHA75)</i> | | | C | | 1/1 |
| plants | land plants | Acanthaceae | <i>Pseuderanthemum variabile</i> | pastel flower | | C | | 2/1 |
| plants | land plants | Acanthaceae | <i>Rostellularia adscendens</i> | | | C | | 26/1 |
| plants | land plants | Acanthaceae | <i>Rostellularia adscendens var. hispida</i> | | | C | | 1/1 |
| plants | land plants | Aizoaceae | <i>Trianthema portulacastrum</i> | black pigweed | Y | | | 3 |
| plants | land plants | Aizoaceae | <i>Trianthema triquetra</i> | red spinach | | C | | 1 |
| plants | land plants | Amaranthaceae | <i>Alternanthera denticulata</i> | lesser joyweed | | C | | 1 |
| plants | land plants | Amaranthaceae | <i>Alternanthera denticulata var. micrantha</i> | | | C | | 6 |
| plants | land plants | Amaranthaceae | <i>Alternanthera nana</i> | hairy joyweed | | C | | 1/1 |
| plants | land plants | Amaranthaceae | <i>Alternanthera nodiflora</i> | joyweed | | C | | 1 |
| plants | land plants | Amaranthaceae | <i>Gomphrena celosioides</i> | gomphrena weed | Y | | | 5 |
| plants | land plants | Amaranthaceae | <i>Ptilotus</i> | | | | | 1 |
| plants | land plants | Amaryllidaceae | <i>Crinum</i> | | | | | 1 |
| plants | land plants | Apiaceae | <i>Eryngium plantagineum</i> | long eryngium | | C | | 2/2 |
| plants | land plants | Apocynaceae | <i>Alstonia constricta</i> | bitterbark | | C | | 2 |
| plants | land plants | Apocynaceae | <i>Alyxia ruscifolia</i> | | | C | | 1/1 |
| plants | land plants | Apocynaceae | <i>Carissa ovata</i> | currantbush | | C | | 11 |
| plants | land plants | Apocynaceae | <i>Hoya australis subsp. australis</i> | | | C | | 1/1 |

| Kingdom | Class | Family | Scientific Name | Common Name | I | Q | A | Records |
|---------|-------------|---------------|--|--------------------|---|---|----|---------|
| plants | land plants | Apocynaceae | <i>Leichhardtia australis</i> | | | C | | 1 |
| plants | land plants | Apocynaceae | <i>Leichhardtia viridiflora</i> | | | C | | 1 |
| plants | land plants | Apocynaceae | <i>Marsdenia</i> | | | | | 1 |
| plants | land plants | Apocynaceae | <i>Parsonsia eucalyptophylla</i> | gargaloo | | C | | 1 |
| plants | land plants | Apocynaceae | <i>Parsonsia lanceolata</i> | northern silkpod | | C | | 3/2 |
| plants | land plants | Apocynaceae | <i>Wrightia saligna</i> | | | C | | 1/1 |
| plants | land plants | Apocynaceae | <i>Wrightia versicolor</i> | | | C | | 1/1 |
| plants | land plants | Araliaceae | <i>Polyscias elegans</i> | celery wood | | C | | 1/1 |
| plants | land plants | Asphodelaceae | <i>Bulbine bulbosa</i> | golden lily | | C | | 2 |
| plants | land plants | Asteraceae | <i>Acanthospermum hispidum</i> | star burr | Y | | | 1 |
| plants | land plants | Asteraceae | <i>Apowollastonia spilanthisoides</i> | | | C | | 10/3 |
| plants | land plants | Asteraceae | <i>Bidens pilosa</i> | | Y | | | 2 |
| plants | land plants | Asteraceae | <i>Blumea axillaris</i> | | | C | | 2/2 |
| plants | land plants | Asteraceae | <i>Calotis cuneifolia</i> | burr daisy | | C | | 1 |
| plants | land plants | Asteraceae | <i>Calotis dentex</i> | white burr daisy | | C | | 1/1 |
| plants | land plants | Asteraceae | <i>Coronidium rupicola</i> | | | C | | 1/1 |
| plants | land plants | Asteraceae | <i>Cyanthillium cinereum</i> | | | C | | 2/1 |
| plants | land plants | Asteraceae | <i>Emilia sonchifolia</i> | | Y | | | 2 |
| plants | land plants | Asteraceae | <i>Euchiton involucratus</i> | | | C | | 3 |
| plants | land plants | Asteraceae | <i>Gamochaeta pensylvanica</i> | | Y | | | 1/1 |
| plants | land plants | Asteraceae | <i>Parthenium hysterophorus</i> | parthenium weed | Y | | | 42 |
| plants | land plants | Asteraceae | <i>Peripleura hispidula</i> | | | C | | 2 |
| plants | land plants | Asteraceae | <i>Praxelis clematidea</i> | | Y | | | 1/1 |
| plants | land plants | Asteraceae | <i>Pterocaulon redolens</i> | | | C | | 6 |
| plants | land plants | Asteraceae | <i>Pterocaulon sphacelatum</i> | applebush | | C | | 2 |
| plants | land plants | Asteraceae | <i>Rutidosia leucantha</i> | | | C | | 1/1 |
| plants | land plants | Asteraceae | <i>Senecio pinnatifolius</i> var. <i>pinnatifolius</i> | | | C | | 2 |
| plants | land plants | Asteraceae | <i>Sonchus oleraceus</i> | common sowthistle | Y | | | 1 |
| plants | land plants | Asteraceae | <i>Sphaeromorphaea australis</i> | | | C | | 1/1 |
| plants | land plants | Asteraceae | <i>Sphaeromorphaea subintegra</i> | | | C | | 1/1 |
| plants | land plants | Asteraceae | <i>Tridax procumbens</i> | tridax daisy | Y | | | 1/1 |
| plants | land plants | Asteraceae | <i>Vittadinia pustulata</i> | | | C | | 1/1 |
| plants | land plants | Boraginaceae | <i>Ehretia membranifolia</i> | weeping koda | | C | | 2 |
| plants | land plants | Boraginaceae | <i>Trichodesma zeylanicum</i> | | | C | | 5 |
| plants | land plants | Brassicaceae | <i>Cardamine hirsuta</i> | common bittercress | Y | | | 1/1 |
| plants | land plants | Byttneriaceae | <i>Hannafordia shanesii</i> | | | C | | 1/1 |
| plants | land plants | Cactaceae | <i>Harrisia martinii</i> | | Y | | | 10 |
| plants | land plants | Cactaceae | <i>Opuntia</i> | | | | | 1 |
| plants | land plants | Cactaceae | <i>Opuntia stricta</i> | | Y | | | 1 |
| plants | land plants | Cactaceae | <i>Opuntia tomentosa</i> | velvety tree pear | Y | | | 7 |
| plants | land plants | Campanulaceae | <i>Wahlenbergia gracilis</i> | sprawling bluebell | | | SL | 6 |
| plants | land plants | Campanulaceae | <i>Wahlenbergia queenslandica</i> | | | | SL | 1/1 |
| plants | land plants | Capparaceae | <i>Capparis</i> | | | | | 2 |
| plants | land plants | Capparaceae | <i>Capparis anomala</i> | | | C | | 5 |
| plants | land plants | Capparaceae | <i>Capparis canescens</i> | | | C | | 1 |
| plants | land plants | Capparaceae | <i>Capparis humistrata</i> | | | E | | 1/1 |

| Kingdom | Class | Family | Scientific Name | Common Name | I | Q | A | Records |
|---------|-------------|-----------------|--|---------------|---|---|---|---------|
| plants | land plants | Capparaceae | <i>Capparis lasiantha</i> | nipan | | C | | 11 |
| plants | land plants | Capparaceae | <i>Capparis loranthifolia</i> | | | C | | 1 |
| plants | land plants | Capparaceae | <i>Capparis mitchellii</i> | | | C | | 1 |
| plants | land plants | Capparaceae | <i>Capparis shanesiana</i> | | | C | | 1/1 |
| plants | land plants | Capparaceae | <i>Capparis umbonata</i> | | | C | | 1/1 |
| plants | land plants | Caryophyllaceae | <i>Polycarpaea longiflora</i> | | | C | | 5 |
| plants | land plants | Casuarinaceae | <i>Allocasuarina luehmannii</i> | bull oak | | C | | 2 |
| plants | land plants | Casuarinaceae | <i>Casuarina cristata</i> | belah | | C | | 1 |
| plants | land plants | Casuarinaceae | <i>Casuarina cunninghamiana</i> | | | C | | 1 |
| plants | land plants | Casuarinaceae | <i>Casuarina cunninghamiana</i> subsp. <i>cunninghamiana</i> | | | C | | 3 |
| plants | land plants | Celastraceae | <i>Denhamia bilocularis</i> | | | C | | 1 |
| plants | land plants | Celastraceae | <i>Denhamia cunninghamii</i> | | | C | | 2/1 |
| plants | land plants | Celastraceae | <i>Denhamia disperma</i> | | | C | | 3 |
| plants | land plants | Celastraceae | <i>Elaeodendron australe</i> | | | C | | 1 |
| plants | land plants | Celastraceae | <i>Elaeodendron australe</i> var. <i>australe</i> | | | C | | 1/1 |
| plants | land plants | Chenopodiaceae | <i>Dysphania melanocarpa</i> forma <i>melanocarpa</i> | | | C | | 1/1 |
| plants | land plants | Chenopodiaceae | <i>Enchylaena tomentosa</i> | | | C | | 10 |
| plants | land plants | Chenopodiaceae | <i>Enchylaena tomentosa</i> var. <i>tomentosa</i> | | | C | | 3 |
| plants | land plants | Chenopodiaceae | <i>Maireana microphylla</i> | | | C | | 2 |
| plants | land plants | Chenopodiaceae | <i>Salsola australis</i> | | | C | | 2 |
| plants | land plants | Chenopodiaceae | <i>Sclerolaena lanicuspis</i> | | | C | | 1/1 |
| plants | land plants | Chenopodiaceae | <i>Sclerolaena muricata</i> var. <i>muricata</i> | | | C | | 3/1 |
| plants | land plants | Chenopodiaceae | <i>Sclerolaena muricata</i> var. <i>villosa</i> | | | C | | 3 |
| plants | land plants | Chenopodiaceae | <i>Sclerolaena tetracuspis</i> | brigalow burr | | C | | 1/1 |
| plants | land plants | Cleomaceae | <i>Arivela viscosa</i> | | | C | | 6 |
| plants | land plants | Clusiaceae | <i>Hypericum gramineum</i> | | | C | | 2/2 |
| plants | land plants | Combretaceae | <i>Terminalia oblongata</i> | | | C | | 1 |
| plants | land plants | Combretaceae | <i>Terminalia oblongata</i> subsp. <i>oblongata</i> | | | C | | 1 |
| plants | land plants | Commelinaceae | <i>Commelina</i> | | | | | 1 |
| plants | land plants | Commelinaceae | <i>Commelina diffusa</i> | wandering jew | | C | | 5 |
| plants | land plants | Convolvulaceae | <i>Evolvulus alsinoides</i> | | | C | | 5 |
| plants | land plants | Convolvulaceae | <i>Evolvulus alsinoides</i> var. <i>decumbens</i> | | | C | | 1 |
| plants | land plants | Convolvulaceae | <i>Ipomoea brownii</i> | | | C | | 1/1 |
| plants | land plants | Convolvulaceae | <i>Ipomoea calobra</i> | | | C | | 1/1 |
| plants | land plants | Convolvulaceae | <i>Ipomoea lonchophylla</i> | | | C | | 30 |
| plants | land plants | Convolvulaceae | <i>Ipomoea plebeia</i> | bellvine | | C | | 1 |
| plants | land plants | Convolvulaceae | <i>Jacquemontia paniculata</i> | | | C | | 3/1 |
| plants | land plants | Convolvulaceae | <i>Polymeria longifolia</i> | polymeria | | C | | 17 |
| plants | land plants | Convolvulaceae | <i>Polymeria pusilla</i> | | | C | | 7 |
| plants | land plants | Convolvulaceae | <i>Xenostegia tridentata</i> | | | C | | 1/1 |
| plants | land plants | Cucurbitaceae | <i>Cucumis melo</i> | | | C | | 5 |
| plants | land plants | Cucurbitaceae | <i>Cucurbitaceae</i> | | | | | 1 |
| plants | land plants | Cyperaceae | <i>Cyperus alopecuroides</i> | | | C | | 1/1 |
| plants | land plants | Cyperaceae | <i>Cyperus alterniflorus</i> | | | C | | 1/1 |
| plants | land plants | Cyperaceae | <i>Cyperus betchei</i> | | | C | | 2 |
| plants | land plants | Cyperaceae | <i>Cyperus compressus</i> | | Y | | | 1/1 |

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|---------|-------------|-------------------|--|-----------------------|---|----|---|---------|
| plants | land plants | Cyperaceae | <i>Cyperus concinnus</i> | | | C | | 2 |
| plants | land plants | Cyperaceae | <i>Cyperus conicus</i> var. <i>conicus</i> | | | C | | 1/1 |
| plants | land plants | Cyperaceae | <i>Cyperus distans</i> | | | C | | 3 |
| plants | land plants | Cyperaceae | <i>Cyperus exaltatus</i> | tall flatsedge | | C | | 7 |
| plants | land plants | Cyperaceae | <i>Cyperus flaccidus</i> | | | C | | 1/1 |
| plants | land plants | Cyperaceae | <i>Cyperus gilesii</i> | | | C | | 24 |
| plants | land plants | Cyperaceae | <i>Cyperus gracilis</i> | | | C | | 1/1 |
| plants | land plants | Cyperaceae | <i>Cyperus iria</i> | | | C | | 1/1 |
| plants | land plants | Cyperaceae | <i>Cyperus isabellinus</i> | | | C | | 1/1 |
| plants | land plants | Cyperaceae | <i>Cyperus javanicus</i> | | | C | | 1/1 |
| plants | land plants | Cyperaceae | <i>Cyperus polystachyos</i> var. <i>polystachyos</i> | | | C | | 1/1 |
| plants | land plants | Cyperaceae | <i>Cyperus pulchellus</i> | | | C | | 1/1 |
| plants | land plants | Cyperaceae | <i>Fimbristylis depauperata</i> | | | C | | 1/1 |
| plants | land plants | Cyperaceae | <i>Gahnia aspera</i> | | | C | | 1 |
| plants | land plants | Cyperaceae | <i>Schoenoplectiella dissachantha</i> | | | C | | 3 |
| plants | land plants | Cyperaceae | <i>Scleria brownii</i> | | | C | | 1/1 |
| plants | land plants | Cyperaceae | <i>Scleria rugosa</i> | | | C | | 1/1 |
| plants | land plants | Cyperaceae | <i>Scleria sphacelata</i> | | | C | | 1 |
| plants | land plants | Droseraceae | <i>Drosera</i> | | | | | 1 |
| plants | land plants | Ebenaceae | <i>Diospyros humilis</i> | small-leaved ebony | | C | | 4/1 |
| plants | land plants | Erythroxylaceae | <i>Erythroxylum australe</i> | cocaine tree | | C | | 7 |
| plants | land plants | Euphorbiaceae | <i>Adriana tomentosa</i> var. <i>tomentosa</i> | | | C | | 1/1 |
| plants | land plants | Euphorbiaceae | <i>Alchornea ilicifolia</i> | native holly | | C | | 1 |
| plants | land plants | Euphorbiaceae | <i>Bertya pedicellata</i> | | | NT | | 9/8 |
| plants | land plants | Euphorbiaceae | <i>Croton insularis</i> | Queensland cascarilla | | C | | 1/1 |
| plants | land plants | Euphorbiaceae | <i>Croton pheballoides</i> | narrow-leaved croton | | C | | 1 |
| plants | land plants | Euphorbiaceae | <i>Euphorbia</i> | | | | | 1/1 |
| plants | land plants | Euphorbiaceae | <i>Euphorbia coghlanii</i> | | | C | | 6 |
| plants | land plants | Euphorbiaceae | <i>Euphorbia drummondii</i> | | | C | | 8 |
| plants | land plants | Euphorbiaceae | <i>Euphorbia hirta</i> | | Y | | | 1 |
| plants | land plants | Euphorbiaceae | <i>Euphorbia tannensis</i> subsp. <i>eremophila</i> | | | C | | 1 |
| plants | land plants | Euphorbiaceae | <i>Mallotus philippensis</i> | red kamala | | C | | 1 |
| plants | land plants | Euphorbiaceae | <i>Ricinus communis</i> | castor oil bush | Y | | | 1 |
| plants | land plants | Frullaniaceae | <i>Frullania</i> | | | | | 1/1 |
| plants | land plants | Goodeniaceae | <i>Goodenia</i> | | | | | 1 |
| plants | land plants | Goodeniaceae | <i>Goodenia glabra</i> | | | C | | 18 |
| plants | land plants | Goodeniaceae | <i>Goodenia grandiflora</i> | | | C | | 2/2 |
| plants | land plants | Goodeniaceae | <i>Goodenia rotundifolia</i> | | | C | | 1 |
| plants | land plants | Goodeniaceae | <i>Goodenia</i> sp. (Mt Castletower M.D.Crisp 2753) | | | C | | 2/2 |
| plants | land plants | Haloragaceae | <i>Haloragis stricta</i> | | | C | | 13 |
| plants | land plants | Hemerocallidaceae | <i>Dianella</i> | | | | | 1 |
| plants | land plants | Hemerocallidaceae | <i>Dianella longifolia</i> | | | C | | 3 |
| plants | land plants | Hemerocallidaceae | <i>Dianella nervosa</i> | | | C | | 1 |
| plants | land plants | Juncaceae | <i>Juncus bufonius</i> | toad rush | Y | | | 1/1 |
| plants | land plants | Lamiaceae | <i>Basilicum polystachyon</i> | | | C | | 5 |
| plants | land plants | Lamiaceae | <i>Clerodendrum floribundum</i> | | | C | | 2 |

| Kingdom | Class | Family | Scientific Name | Common Name | I | Q | A | Records |
|---------|-------------|---------------|---|---------------------|---|---|---|---------|
| plants | land plants | Lamiaceae | <i>Coleus diversus</i> | | | C | | 1/1 |
| plants | land plants | Lamiaceae | <i>Leucas lavandulifolia</i> | | Y | | | 1/1 |
| plants | land plants | Lamiaceae | <i>Mentha</i> | | | | | 1 |
| plants | land plants | Lamiaceae | <i>Ocimum tenuiflorum</i> | | | C | | 3 |
| plants | land plants | Lamiaceae | <i>Plectranthus</i> | | | | | 1 |
| plants | land plants | Lamiaceae | <i>Prostanthera collina</i> | | | C | | 1/1 |
| plants | land plants | Lamiaceae | <i>Teucrium integrifolium</i> | | | C | | 1/1 |
| plants | land plants | Lamiaceae | <i>Teucrium junceum</i> | | | C | | 1/1 |
| plants | land plants | Lauraceae | <i>Cassytha pubescens</i> | downy devil's twine | | C | | 1 |
| plants | land plants | Laxmanniaceae | <i>Eustrephus latifolius</i> | wombat berry | | C | | 3/1 |
| plants | land plants | Laxmanniaceae | <i>Laxmannia gracilis</i> | slender wire lily | | C | | 1 |
| plants | land plants | Laxmanniaceae | <i>Lomandra longifolia</i> | | | C | | 2/2 |
| plants | land plants | Laxmanniaceae | <i>Lomandra multiflora</i> | | | C | | 3 |
| plants | land plants | Leguminosae | <i>Acacia</i> | | | | | 3 |
| plants | land plants | Leguminosae | <i>Acacia bancroftiorum</i> | | | C | | 2/2 |
| plants | land plants | Leguminosae | <i>Acacia catenulata</i> | bendee | | C | | 1 |
| plants | land plants | Leguminosae | <i>Acacia conferta</i> | | | C | | 1/1 |
| plants | land plants | Leguminosae | <i>Acacia cowleana</i> | | | C | | 1/1 |
| plants | land plants | Leguminosae | <i>Acacia crassa</i> | | | C | | 1 |
| plants | land plants | Leguminosae | <i>Acacia excelsa</i> | | | C | | 3 |
| plants | land plants | Leguminosae | <i>Acacia faucium</i> | | | C | | 1/1 |
| plants | land plants | Leguminosae | <i>Acacia flavescens</i> | toothed wattle | | C | | 4 |
| plants | land plants | Leguminosae | <i>Acacia fodinalis</i> | | | C | | 1/1 |
| plants | land plants | Leguminosae | <i>Acacia harpophylla</i> | brigalow | | C | | 8 |
| plants | land plants | Leguminosae | <i>Acacia julifera subsp. curvinervia</i> | | | C | | 4/4 |
| plants | land plants | Leguminosae | <i>Acacia leiocalyx</i> | | | C | | 1 |
| plants | land plants | Leguminosae | <i>Acacia leiocalyx subsp. leiocalyx</i> | | | C | | 1 |
| plants | land plants | Leguminosae | <i>Acacia oswaldii</i> | miljee | | C | | 2/1 |
| plants | land plants | Leguminosae | <i>Acacia rhodoxylon</i> | ringy rosewood | | C | | 18 |
| plants | land plants | Leguminosae | <i>Acacia salicina</i> | doolan | | C | | 3 |
| plants | land plants | Leguminosae | <i>Acacia shirleyi</i> | lancewood | | C | | 44/1 |
| plants | land plants | Leguminosae | <i>Aeschynomene indica</i> | budda pea | | C | | 2 |
| plants | land plants | Leguminosae | <i>Albizia canescens</i> | | | C | | 2/1 |
| plants | land plants | Leguminosae | <i>Archidendropsis basaltica</i> | red lancewood | | C | | 3 |
| plants | land plants | Leguminosae | <i>Cassia brewsteri</i> | | | C | | 15 |
| plants | land plants | Leguminosae | <i>Chamaecrista absus var. absus</i> | | | C | | 1/1 |
| plants | land plants | Leguminosae | <i>Crotalaria</i> | | | | | 1 |
| plants | land plants | Leguminosae | <i>Crotalaria juncea</i> | sunhemp | Y | | | 17/1 |
| plants | land plants | Leguminosae | <i>Crotalaria montana</i> | | | C | | 4 |
| plants | land plants | Leguminosae | <i>Cullen tenax</i> | emu-foot | | C | | 9 |
| plants | land plants | Leguminosae | <i>Desmodium</i> | | | | | 1 |
| plants | land plants | Leguminosae | <i>Desmodium brachypodium</i> | large ticktrefoil | | C | | 1/1 |
| plants | land plants | Leguminosae | <i>Desmodium campylocaulon</i> | | | C | | 8 |
| plants | land plants | Leguminosae | <i>Desmodium filiforme</i> | | | C | | 1/1 |
| plants | land plants | Leguminosae | <i>Desmodium macrocarpum</i> | | | C | | 5/4 |
| plants | land plants | Leguminosae | <i>Desmodium tortuosum</i> | Florida beggar-weed | Y | | | 1/1 |

| Kingdom | Class | Family | Scientific Name | Common Name | I | Q | A | Records |
|---------|-------------|---------------|---|----------------------|---|---|---|---------|
| plants | land plants | Leguminosae | <i>Galactia muelleri</i> | | | C | | 7 |
| plants | land plants | Leguminosae | <i>Galactia tenuiflora</i> | | | C | | 2 |
| plants | land plants | Leguminosae | <i>Galactia tenuiflora</i> var. <i>lucida</i> | | | C | | 1/1 |
| plants | land plants | Leguminosae | <i>Glycine falcata</i> | | | C | | 14 |
| plants | land plants | Leguminosae | <i>Glycine latifolia</i> | | | C | | 2 |
| plants | land plants | Leguminosae | <i>Glycine tabacina</i> | glycine pea | | C | | 2 |
| plants | land plants | Leguminosae | <i>Glycine tomentella</i> | woolly glycine | | C | | 1/1 |
| plants | land plants | Leguminosae | <i>Indigofera</i> | | | | | 1 |
| plants | land plants | Leguminosae | <i>Indigofera hirsuta</i> | hairy indigo | | C | | 1/1 |
| plants | land plants | Leguminosae | <i>Indigofera linifolia</i> | | | C | | 11 |
| plants | land plants | Leguminosae | <i>Lablab purpureus</i> | lablab | Y | | | 1/1 |
| plants | land plants | Leguminosae | <i>Lysiphyllum</i> | | | | | 2 |
| plants | land plants | Leguminosae | <i>Lysiphyllum carronii</i> | ebony tree | | C | | 4 |
| plants | land plants | Leguminosae | <i>Macroptilium atropurpureum</i> | siratro | Y | | | 5 |
| plants | land plants | Leguminosae | <i>Macroptilium lathyroides</i> var. <i>semierectum</i> | | Y | | | 1 |
| plants | land plants | Leguminosae | <i>Neptunia gracilis</i> forma <i>gracilis</i> | | | C | | 25/1 |
| plants | land plants | Leguminosae | <i>Pycnospora lutescens</i> | pycnospora | | C | | 1/1 |
| plants | land plants | Leguminosae | <i>Rhynchosia minima</i> | | | C | | 11 |
| plants | land plants | Leguminosae | <i>Rhynchosia minima</i> var. <i>minima</i> | | | C | | 18 |
| plants | land plants | Leguminosae | <i>Senna</i> | | | | | 2 |
| plants | land plants | Leguminosae | <i>Senna artemisioides</i> subsp. <i>zygophylla</i> | | | C | | 1 |
| plants | land plants | Leguminosae | <i>Senna barclayana</i> | | | C | | 1 |
| plants | land plants | Leguminosae | <i>Senna coronilloides</i> | | | C | | 1/1 |
| plants | land plants | Leguminosae | <i>Sesbania cannabina</i> | | | C | | 8 |
| plants | land plants | Leguminosae | <i>Sesbania cannabina</i> var. <i>cannabina</i> | | | C | | 2 |
| plants | land plants | Leguminosae | <i>Stylosanthes hamata</i> | | Y | | | 13/1 |
| plants | land plants | Leguminosae | <i>Stylosanthes scabra</i> | | Y | | | 4 |
| plants | land plants | Leguminosae | <i>Tephrosia</i> | | | | | 2/2 |
| plants | land plants | Leguminosae | <i>Tephrosia filipes</i> | | | C | | 3 |
| plants | land plants | Leguminosae | <i>Tephrosia filipes</i> subsp. <i>filipes</i> | | | C | | 1/1 |
| plants | land plants | Leguminosae | <i>Tephrosia filipes</i> var. (Mt Blackjack A.R.Bean+ 7332) | | | C | | 1/1 |
| plants | land plants | Leguminosae | <i>Vachellia farnesiana</i> | | Y | | | 23 |
| plants | land plants | Leguminosae | <i>Vigna lanceolata</i> | | | C | | 29 |
| plants | land plants | Leguminosae | <i>Vigna radiata</i> var. <i>sublobata</i> | | | C | | 5 |
| plants | land plants | Leguminosae | <i>Zornia</i> | | | | | 1 |
| plants | land plants | Leguminosae | <i>Zornia areolata</i> | | | C | | 1/1 |
| plants | land plants | Leguminosae | <i>Zornia muelleriana</i> | | | C | | 1 |
| plants | land plants | Leguminosae | <i>Zornia muelleriana</i> subsp. <i>muelleriana</i> | | | C | | 1/1 |
| plants | land plants | Leguminosae | <i>Zornia muriculata</i> subsp. <i>angustata</i> | | | C | | 1/1 |
| plants | land plants | Linderniaceae | <i>Torenia crustacea</i> | | | C | | 1/1 |
| plants | land plants | Loganiaceae | <i>Mitrasacme</i> | | | | | 1/1 |
| plants | land plants | Loganiaceae | <i>Mitrasacme micrantha</i> | | | C | | 1/1 |
| plants | land plants | Malvaceae | <i>Abelmoschus ficulneus</i> | native rosella | | C | | 12/1 |
| plants | land plants | Malvaceae | <i>Abutilon fraseri</i> | dwarf lantern flower | | C | | 1 |
| plants | land plants | Malvaceae | <i>Abutilon hannii</i> | | | C | | 2 |

| Kingdom | Class | Family | Scientific Name | Common Name | I | Q | A | Records |
|---------|-------------|----------------|---|---------------------------|---|---|---|---------|
| plants | land plants | Malvaceae | <i>Abutilon leucopetalum</i> | | | C | | 6 |
| plants | land plants | Malvaceae | <i>Abutilon micropetalum</i> | | | C | | 1/1 |
| plants | land plants | Malvaceae | <i>Gossypium australe</i> | | | C | | 1/1 |
| plants | land plants | Malvaceae | <i>Hibiscus divaricatus</i> | | | C | | 2/2 |
| plants | land plants | Malvaceae | <i>Hibiscus heterophyllus</i> | | | C | | 1/1 |
| plants | land plants | Malvaceae | <i>Hibiscus krichauffianus</i> | | | C | | 1/1 |
| plants | land plants | Malvaceae | <i>Hibiscus meraukensis</i> | Merauke hibiscus | | C | | 1 |
| plants | land plants | Malvaceae | <i>Hibiscus sp. (Emerald S.L.Everist 2124)</i> | | | C | | 1/1 |
| plants | land plants | Malvaceae | <i>Hibiscus splendens</i> | pink hibiscus | | C | | 2/2 |
| plants | land plants | Malvaceae | <i>Hibiscus sturtii</i> | | | C | | 3/2 |
| plants | land plants | Malvaceae | <i>Hibiscus sturtii</i> var. <i>sturtii</i> | | | C | | 1/1 |
| plants | land plants | Malvaceae | <i>Hibiscus verdcourtii</i> | | | C | | 1/1 |
| plants | land plants | Malvaceae | <i>Malvastrum americanum</i> | | Y | | | 28 |
| plants | land plants | Malvaceae | <i>Malvastrum americanum</i> var. <i>stellatum</i> | | | C | | 1/1 |
| plants | land plants | Malvaceae | <i>Sida</i> | | | | | 12 |
| plants | land plants | Malvaceae | <i>Sida atherophora</i> | | | C | | 1/1 |
| plants | land plants | Malvaceae | <i>Sida cordifolia</i> | | Y | | | 4 |
| plants | land plants | Malvaceae | <i>Sida corrugata</i> | | | C | | 22 |
| plants | land plants | Malvaceae | <i>Sida cunninghamii</i> | | | C | | 2 |
| plants | land plants | Malvaceae | <i>Sida everistiana</i> | | | C | | 1 |
| plants | land plants | Malvaceae | <i>Sida fibulifera</i> | | | C | | 1/1 |
| plants | land plants | Malvaceae | <i>Sida hackettiana</i> | | | C | | 4 |
| plants | land plants | Malvaceae | <i>Sida rohlenae</i> subsp. <i>rohlenae</i> | | | C | | 1 |
| plants | land plants | Malvaceae | <i>Sida sp. (Aramac E.J.Thompson+ JER192)</i> | | | C | | 2/2 |
| plants | land plants | Malvaceae | <i>Sida sp. (Charters Towers E.J.Thompson+ CHA456)</i> | | | C | | 2/2 |
| plants | land plants | Malvaceae | <i>Sida sp. (Musselbrook M.B.Thomas+ MRS437)</i> | | | C | | 2 |
| plants | land plants | Malvaceae | <i>Sida spinosa</i> | spiny sida | Y | | | 26/2 |
| plants | land plants | Malvaceae | <i>Sida trichopoda</i> | | | C | | 16/2 |
| plants | land plants | Marsileaceae | <i>Marsilea drummondii</i> | common nardoo | | C | | 1 |
| plants | land plants | Marsileaceae | <i>Marsilea mutica</i> | shiny nardoo | | C | | 3 |
| plants | land plants | Meliaceae | <i>Owenia acidula</i> | emu apple | | C | | 6 |
| plants | land plants | Meliaceae | <i>Owenia x reliqua</i> | | | C | | 1/1 |
| plants | land plants | Menispermaceae | <i>Tinospora smilacina</i> | snakevine | | C | | 1 |
| plants | land plants | Molluginaceae | <i>Glinus lotoides</i> | hairy carpet weed | | C | | 1/1 |
| plants | land plants | Moraceae | <i>Ficus opposita</i> | | | C | | 3 |
| plants | land plants | Myrsinaceae | <i>Myrsine variabilis</i> | | | C | | 1/1 |
| plants | land plants | Myrtaceae | <i>Corymbia</i> | | | | | 3 |
| plants | land plants | Myrtaceae | <i>Corymbia aureola</i> | | | C | | 12/12 |
| plants | land plants | Myrtaceae | <i>Corymbia citriodora</i> subsp. <i>citriodora</i> | | | C | | 34 |
| plants | land plants | Myrtaceae | <i>Corymbia clarksoniana</i> | | | C | | 4/2 |
| plants | land plants | Myrtaceae | <i>Corymbia dallachiana</i> | | | C | | 4 |
| plants | land plants | Myrtaceae | <i>Corymbia erythrophloia</i> | variable-barked bloodwood | | C | | 4 |
| plants | land plants | Myrtaceae | <i>Corymbia tessellaris</i> | Moreton Bay ash | | C | | 5 |
| plants | land plants | Myrtaceae | <i>Corymbia trachyphloia</i> subsp. <i>trachyphloia</i> | | | C | | 1/1 |
| plants | land plants | Myrtaceae | <i>Corymbia watsoniana</i> | | | C | | 1 |
| plants | land plants | Myrtaceae | <i>Eucalyptus</i> | | | | | 3 |

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|---------|-------------|-----------------|---|----------------------------|---|----|---|---------|
| plants | land plants | Myrtaceae | <i>Eucalyptus apothalassica</i> | | | C | | 4 |
| plants | land plants | Myrtaceae | <i>Eucalyptus camaldulensis subsp. acuta</i> | | | C | | 2 |
| plants | land plants | Myrtaceae | <i>Eucalyptus cambageana</i> | Dawson gum | | C | | 2 |
| plants | land plants | Myrtaceae | <i>Eucalyptus coolabah</i> | coolabah | | C | | 1 |
| plants | land plants | Myrtaceae | <i>Eucalyptus crebra</i> | narrow-leaved red ironbark | | C | | 8/1 |
| plants | land plants | Myrtaceae | <i>Eucalyptus drepanophylla</i> | | | C | | 1/1 |
| plants | land plants | Myrtaceae | <i>Eucalyptus exserta</i> | Queensland peppermint | | C | | 1/1 |
| plants | land plants | Myrtaceae | <i>Eucalyptus orgadophila</i> | mountain coolibah | | C | | 1 |
| plants | land plants | Myrtaceae | <i>Eucalyptus persistens</i> | | | C | | 1/1 |
| plants | land plants | Myrtaceae | <i>Eucalyptus populnea</i> | poplar box | | C | | 10 |
| plants | land plants | Myrtaceae | <i>Eucalyptus tholiformis</i> | | | C | | 2/2 |
| plants | land plants | Myrtaceae | <i>Eucalyptus thozetiana</i> | | | C | | 2/2 |
| plants | land plants | Myrtaceae | <i>Gossia bidwillii</i> | | | C | | 1/1 |
| plants | land plants | Myrtaceae | <i>Lysicarpus angustifolius</i> | budgeroo | | C | | 2/2 |
| plants | land plants | Myrtaceae | <i>Melaleuca</i> | | | | | 1 |
| plants | land plants | Myrtaceae | <i>Melaleuca fluviatilis</i> | | | C | | 1/1 |
| plants | land plants | Myrtaceae | <i>Melaleuca leucadendra</i> | broad-leaved tea-tree | | C | | 2 |
| plants | land plants | Myrtaceae | <i>Melaleuca nervosa</i> | | | C | | 3/2 |
| plants | land plants | Myrtaceae | <i>Melaleuca viridiflora</i> | | | C | | 2 |
| plants | land plants | Myrtaceae | <i>Micromyrtus capricornia</i> | | | C | | 1/1 |
| plants | land plants | Myrtaceae | <i>Myrtaceae</i> | | | | | 2 |
| plants | land plants | Nyctaginaceae | <i>Boerhavia burbridgeana</i> | | | C | | 1 |
| plants | land plants | Nyctaginaceae | <i>Boerhavia dominii</i> | | | C | | 2 |
| plants | land plants | Oleaceae | <i>Jasminum didymum subsp. lineare</i> | | | C | | 1 |
| plants | land plants | Oleaceae | <i>Jasminum simplicifolium subsp. australiense</i> | | | C | | 1/1 |
| plants | land plants | Onagraceae | <i>Ludwigia octovalvis</i> | willow primrose | | C | | 3 |
| plants | land plants | Orchidaceae | <i>Cymbidium canaliculatum</i> | | | SL | | 2 |
| plants | land plants | Orthotrichaceae | <i>Macromitrium aurescens</i> | | | C | | 2/2 |
| plants | land plants | Oxalidaceae | <i>Oxalis</i> | | | | | 2 |
| plants | land plants | Oxalidaceae | <i>Oxalis radicata</i> | | | C | | 4/1 |
| plants | land plants | Passifloraceae | <i>Passiflora foetida</i> | | Y | | | 1/1 |
| plants | land plants | Phyllanthaceae | <i>Bridelia leichhardtii</i> | | | C | | 1/1 |
| plants | land plants | Phyllanthaceae | <i>Flueggea leucopyrus</i> | | | C | | 1/1 |
| plants | land plants | Phyllanthaceae | <i>Phyllanthus maderaspatensis</i> | | | C | | 3 |
| plants | land plants | Phyllanthaceae | <i>Phyllanthus maderaspatensis var. maderaspatensis</i> | | | C | | 2 |
| plants | land plants | Phyllanthaceae | <i>Phyllanthus sp. (Pentland R.J.Cumming 9742)</i> | | | C | | 2 |
| plants | land plants | Phyllanthaceae | <i>Phyllanthus virgatus</i> | | | C | | 12 |
| plants | land plants | Picrodendraceae | <i>Petalostigma pubescens</i> | quinine tree | | C | | 10 |
| plants | land plants | Pittosporaceae | <i>Bursaria spinosa subsp. spinosa</i> | | | C | | 1 |
| plants | land plants | Pittosporaceae | <i>Pittosporum angustifolium</i> | | | C | | 1 |
| plants | land plants | Plantaginaceae | <i>Scoparia dulcis</i> | scoparia | Y | | | 2/1 |
| plants | land plants | Poaceae | <i>Alloteropsis cimicina</i> | | | C | | 1/1 |
| plants | land plants | Poaceae | <i>Alloteropsis semialata</i> | cockatoo grass | | C | | 2 |
| plants | land plants | Poaceae | <i>Ancistrachne uncinulata</i> | hooky grass | | C | | 2/2 |
| plants | land plants | Poaceae | <i>Aristida</i> | | | | | 6 |
| plants | land plants | Poaceae | <i>Aristida benthamii</i> | | | C | | 3 |

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|---------|-------------|---------|---|-------------------------|---|---|---|---------|
| plants | land plants | Poaceae | <i>Aristida benthamii</i> var. <i>benthamii</i> | | | C | | 1/1 |
| plants | land plants | Poaceae | <i>Aristida calycina</i> var. <i>praealta</i> | | | C | | 1/1 |
| plants | land plants | Poaceae | <i>Aristida gracilipes</i> | | | C | | 1/1 |
| plants | land plants | Poaceae | <i>Aristida holathera</i> var. <i>holathera</i> | | | C | | 4/3 |
| plants | land plants | Poaceae | <i>Aristida ingrata</i> | | | C | | 1/1 |
| plants | land plants | Poaceae | <i>Aristida jerichoensis</i> var. <i>jerichoensis</i> | | | C | | 1/1 |
| plants | land plants | Poaceae | <i>Aristida jerichoensis</i> var. <i>subspinulifera</i> | | | C | | 3/3 |
| plants | land plants | Poaceae | <i>Aristida latifolia</i> | feathertop wiregrass | | C | | 32/4 |
| plants | land plants | Poaceae | <i>Aristida leptopoda</i> | white speargrass | | C | | 13/1 |
| plants | land plants | Poaceae | <i>Aristida muricata</i> | | | C | | 1/1 |
| plants | land plants | Poaceae | <i>Aristida personata</i> | | | C | | 4 |
| plants | land plants | Poaceae | <i>Aristida queenslandica</i> | | | C | | 1 |
| plants | land plants | Poaceae | <i>Aristida queenslandica</i> var. <i>dissimilis</i> | | | C | | 1 |
| plants | land plants | Poaceae | <i>Aristida queenslandica</i> var. <i>queenslandica</i> | | | C | | 1/1 |
| plants | land plants | Poaceae | <i>Aristida ramosa</i> | purple wiregrass | | C | | 2 |
| plants | land plants | Poaceae | <i>Astrebla elymoides</i> | hoop mitchell grass | | C | | 4/1 |
| plants | land plants | Poaceae | <i>Astrebla lappacea</i> | curly mitchell grass | | C | | 7 |
| plants | land plants | Poaceae | <i>Astrebla squarrosa</i> | bull mitchell grass | | C | | 26 |
| plants | land plants | Poaceae | <i>Bothriochloa bladhii</i> subsp. <i>bladhii</i> | | | C | | 1/1 |
| plants | land plants | Poaceae | <i>Bothriochloa decipiens</i> var. <i>decipiens</i> | | | C | | 1/1 |
| plants | land plants | Poaceae | <i>Bothriochloa erianthoides</i> | satintop grass | | C | | 2 |
| plants | land plants | Poaceae | <i>Bothriochloa ewartiana</i> | desert bluegrass | | C | | 31/2 |
| plants | land plants | Poaceae | <i>Bothriochloa pertusa</i> | | Y | | | 11/3 |
| plants | land plants | Poaceae | <i>Brachyachne convergens</i> | common native couch | | C | | 35 |
| plants | land plants | Poaceae | <i>Calypochloa gracillima</i> subsp. <i>gracillima</i> | | | C | | 2/2 |
| plants | land plants | Poaceae | <i>Cenchrus ciliaris</i> | | Y | | | 54/1 |
| plants | land plants | Poaceae | <i>Cenchrus pennisetiformis</i> | | Y | | | 1/1 |
| plants | land plants | Poaceae | <i>Chloris divaricata</i> var. <i>divaricata</i> | slender chloris | | | C | 3/1 |
| plants | land plants | Poaceae | <i>Chloris gayana</i> | rhodes grass | Y | | | 4 |
| plants | land plants | Poaceae | <i>Chloris inflata</i> | purpletop chloris | Y | | | 12 |
| plants | land plants | Poaceae | <i>Chloris pectinata</i> | comb chloris | | | C | 1/1 |
| plants | land plants | Poaceae | <i>Chloris truncata</i> | | | C | | 5 |
| plants | land plants | Poaceae | <i>Chloris virgata</i> | feathertop rhodes grass | Y | | | 9 |
| plants | land plants | Poaceae | <i>Chrysopogon fallax</i> | | | C | | 6/3 |
| plants | land plants | Poaceae | <i>Cymbopogon ambiguus</i> | lemon grass | | C | | 3/1 |
| plants | land plants | Poaceae | <i>Cymbopogon bombycinus</i> | silky oilgrass | | C | | 2 |
| plants | land plants | Poaceae | <i>Cymbopogon queenslandicus</i> | | | C | | 1 |
| plants | land plants | Poaceae | <i>Cymbopogon refractus</i> | barbed-wire grass | | C | | 1 |
| plants | land plants | Poaceae | <i>Cynodon dactylon</i> var. <i>dactylon</i> | | Y | | | 1 |
| plants | land plants | Poaceae | <i>Dactyloctenium radulans</i> | button grass | | | C | 3 |
| plants | land plants | Poaceae | <i>Dichanthium aristatum</i> | angleton grass | Y | | | 2/2 |
| plants | land plants | Poaceae | <i>Dichanthium fecundum</i> | curly bluegrass | | | C | 1 |
| plants | land plants | Poaceae | <i>Dichanthium queenslandicum</i> | | | V | E | 3/3 |
| plants | land plants | Poaceae | <i>Dichanthium sericeum</i> | | | C | | 31 |
| plants | land plants | Poaceae | <i>Dichanthium sericeum</i> subsp. <i>sericeum</i> | | | C | | 6/3 |
| plants | land plants | Poaceae | <i>Digitaria</i> | | | | | 1/1 |

| Kingdom | Class | Family | Scientific Name | Common Name | I | Q | A | Records |
|---------|-------------|---------|--|--------------------------|---|---|---|---------|
| plants | land plants | Poaceae | <i>Digitaria ammobila</i> | silky umbrella grass | | C | | 10/2 |
| plants | land plants | Poaceae | <i>Digitaria bicornis</i> | | | C | | 1 |
| plants | land plants | Poaceae | <i>Digitaria breviglumis</i> | | | C | | 1 |
| plants | land plants | Poaceae | <i>Digitaria brownii</i> | | | C | | 1/1 |
| plants | land plants | Poaceae | <i>Digitaria divaricatissima</i> | spreading umbrella grass | | C | | 1/1 |
| plants | land plants | Poaceae | <i>Digitaria hystrichoides</i> | umbrella grass | | C | | 1/1 |
| plants | land plants | Poaceae | <i>Digitaria orbata</i> | | | C | | 1 |
| plants | land plants | Poaceae | <i>Digitaria papposa</i> | | | C | | 1/1 |
| plants | land plants | Poaceae | <i>Dinebra decipiens</i> var. <i>peacockii</i> | | | C | | 1/1 |
| plants | land plants | Poaceae | <i>Diplachne fusca</i> var. <i>fusca</i> | | | C | | 1/1 |
| plants | land plants | Poaceae | <i>Echinochloa colona</i> | awnless barnyard grass | Y | | | 1 |
| plants | land plants | Poaceae | <i>Elytrophorus spicatus</i> | | | C | | 3 |
| plants | land plants | Poaceae | <i>Enneapogon truncatus</i> | | | C | | 22 |
| plants | land plants | Poaceae | <i>Enneapogon virens</i> | | | C | | 2/1 |
| plants | land plants | Poaceae | <i>Enteropogon acicularis</i> | curly windmill grass | | C | | 2 |
| plants | land plants | Poaceae | <i>Enteropogon ramosus</i> | | | C | | 4/1 |
| plants | land plants | Poaceae | <i>Enteropogon unispiceus</i> | | | C | | 1/1 |
| plants | land plants | Poaceae | <i>Entolasia stricta</i> | wiry panic | | C | | 2 |
| plants | land plants | Poaceae | <i>Eragrostis</i> | | | | | 6 |
| plants | land plants | Poaceae | <i>Eragrostis brownii</i> | Brown's lovegrass | | C | | 3/1 |
| plants | land plants | Poaceae | <i>Eragrostis elongata</i> | | | C | | 1 |
| plants | land plants | Poaceae | <i>Eragrostis lacunaria</i> | purple lovegrass | | C | | 2/1 |
| plants | land plants | Poaceae | <i>Eragrostis leptostachya</i> | | | C | | 1 |
| plants | land plants | Poaceae | <i>Eragrostis longipedicellata</i> | | | C | | 2/2 |
| plants | land plants | Poaceae | <i>Eragrostis megalosperma</i> | | | C | | 2/2 |
| plants | land plants | Poaceae | <i>Eragrostis parviflora</i> | weeping lovegrass | | C | | 6 |
| plants | land plants | Poaceae | <i>Eragrostis pilosa</i> | soft lovegrass | Y | | | 1/1 |
| plants | land plants | Poaceae | <i>Eragrostis schultzei</i> | | | C | | 1/1 |
| plants | land plants | Poaceae | <i>Eragrostis sororia</i> | | | C | | 8/4 |
| plants | land plants | Poaceae | <i>Eragrostis speciosa</i> | | | C | | 1/1 |
| plants | land plants | Poaceae | <i>Eragrostis tenellula</i> | delicate lovegrass | | C | | 11 |
| plants | land plants | Poaceae | <i>Eremochloa bimaclata</i> | poverty grass | | C | | 1/1 |
| plants | land plants | Poaceae | <i>Eriachne mucronata</i> | | | C | | 1 |
| plants | land plants | Poaceae | <i>Eriachne mucronata</i> forma (Alpha C.E.Hubbard 7882) | | | C | | 2/2 |
| plants | land plants | Poaceae | <i>Eriachne obtusa</i> | | | C | | 4/1 |
| plants | land plants | Poaceae | <i>Eriachne rara</i> | | | C | | 1/1 |
| plants | land plants | Poaceae | <i>Eriachne</i> sp. (Dugald River B.K.Simon+ 3007) | | | C | | 1/1 |
| plants | land plants | Poaceae | <i>Eriochloa crebra</i> | spring grass | | C | | 33/2 |
| plants | land plants | Poaceae | <i>Eriochloa procera</i> | slender cupgrass | | C | | 3 |
| plants | land plants | Poaceae | <i>Eriochloa pseudoacrotricha</i> | | | C | | 25 |
| plants | land plants | Poaceae | <i>Eulalia aurea</i> | silky browntop | | C | | 1/1 |
| plants | land plants | Poaceae | <i>Heteropogon contortus</i> | black speargrass | | C | | 23 |
| plants | land plants | Poaceae | <i>Hyparrhenia rufa</i> subsp. <i>rufa</i> | | Y | | | 2/2 |
| plants | land plants | Poaceae | <i>Iseilema membranaceum</i> | small flinders grass | | C | | 1/1 |
| plants | land plants | Poaceae | <i>Iseilema vaginiflorum</i> | red flinders grass | | C | | 34/1 |
| plants | land plants | Poaceae | <i>Leptochloa digitata</i> | | | C | | 2 |

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|---------|-------------|----------------|--|---------------------------|---|---|---|---------|
| plants | land plants | Poaceae | <i>Megathyrsus maximus</i> | | Y | | | 3 |
| plants | land plants | Poaceae | <i>Melinis repens</i> | red natal grass | Y | | | 17 |
| plants | land plants | Poaceae | <i>Mnesithea formosa</i> | | | C | | 1/1 |
| plants | land plants | Poaceae | <i>Moorochloa eruciformis</i> | | Y | | | 9/1 |
| plants | land plants | Poaceae | <i>Ophiuros exaltatus</i> | | | C | | 3 |
| plants | land plants | Poaceae | <i>Panicum decompositum</i> | | | C | | 3 |
| plants | land plants | Poaceae | <i>Panicum decompositum</i> var. <i>decompositum</i> | | | C | | 24/1 |
| plants | land plants | Poaceae | <i>Panicum decompositum</i> var. <i>tenuius</i> | | | C | | 1/1 |
| plants | land plants | Poaceae | <i>Panicum effusum</i> | | | C | | 5/2 |
| plants | land plants | Poaceae | <i>Panicum queenslandicum</i> | | | C | | 8 |
| plants | land plants | Poaceae | <i>Panicum queenslandicum</i> var. <i>acuminatum</i> | | | C | | 2/2 |
| plants | land plants | Poaceae | <i>Panicum queenslandicum</i> var. <i>queenslandicum</i> | | | C | | 1/1 |
| plants | land plants | Poaceae | <i>Paspalidium</i> | | | | | 1 |
| plants | land plants | Poaceae | <i>Paspalidium albobillosum</i> | | | C | | 2/2 |
| plants | land plants | Poaceae | <i>Paspalidium criniforme</i> | | | C | | 2/1 |
| plants | land plants | Poaceae | <i>Paspalidium globoideum</i> | sago grass | | C | | 22/1 |
| plants | land plants | Poaceae | <i>Paspalidium gracile</i> | slender panic | | C | | 1 |
| plants | land plants | Poaceae | <i>Paspalum mandiocanum</i> | | Y | | | 1/1 |
| plants | land plants | Poaceae | <i>Perotis rara</i> | comet grass | | C | | 1/1 |
| plants | land plants | Poaceae | <i>Poaceae</i> | | | | | 3 |
| plants | land plants | Poaceae | <i>Sehima nervosum</i> | | | C | | 1/1 |
| plants | land plants | Poaceae | <i>Setaria paspalidioides</i> | | | C | | 2/2 |
| plants | land plants | Poaceae | <i>Setaria surgens</i> | | | C | | 1/1 |
| plants | land plants | Poaceae | <i>Sporobolus actinocladius</i> | katoora grass | | C | | 1/1 |
| plants | land plants | Poaceae | <i>Sporobolus caroli</i> | fairy grass | | C | | 5 |
| plants | land plants | Poaceae | <i>Sporobolus creber</i> | | | C | | 15 |
| plants | land plants | Poaceae | <i>Sporobolus sessilis</i> | | | C | | 1 |
| plants | land plants | Poaceae | <i>Thellungia advena</i> | coolibah grass | | C | | 5/2 |
| plants | land plants | Poaceae | <i>Themeda avenacea</i> | | | C | | 1 |
| plants | land plants | Poaceae | <i>Themeda triandra</i> | kangaroo grass | | C | | 20/1 |
| plants | land plants | Poaceae | <i>Thyridolepis mitchelliana</i> | mulga mitchell grass | | C | | 1 |
| plants | land plants | Poaceae | <i>Triraphis mollis</i> | purple plumegrass | | C | | 1/1 |
| plants | land plants | Poaceae | <i>Urochloa holosericea</i> subsp. <i>velutina</i> | | | C | | 1/1 |
| plants | land plants | Poaceae | <i>Urochloa mosambicensis</i> | sabi grass | Y | | | 4/1 |
| plants | land plants | Poaceae | <i>Urochloa piligera</i> | | | C | | 2 |
| plants | land plants | Polygalaceae | <i>Polygala crassitesta</i> | | | C | | 13 |
| plants | land plants | Polygonaceae | <i>Persicaria attenuata</i> | | | C | | 2/1 |
| plants | land plants | Pontederiaceae | <i>Monochoria cyanea</i> | | | C | | 5 |
| plants | land plants | Portulacaceae | <i>Portulaca oleracea</i> | pigweed | Y | | | 3 |
| plants | land plants | Portulacaceae | <i>Portulaca pilosa</i> | | Y | | | 1 |
| plants | land plants | Proteaceae | <i>Grevillea</i> | | | | | 2 |
| plants | land plants | Proteaceae | <i>Grevillea juncifolia</i> | honeysuckle spider flower | | C | | 1 |
| plants | land plants | Proteaceae | <i>Grevillea parallela</i> | | | C | | 1 |
| plants | land plants | Proteaceae | <i>Grevillea pteridifolia</i> | golden parrot tree | | C | | 2/1 |
| plants | land plants | Proteaceae | <i>Grevillea striata</i> | beefwood | | C | | 1 |
| plants | land plants | Proteaceae | <i>Hakea chordophylla</i> | | | C | | 1 |

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|---------|-------------|------------------|---|-------------------|---|----|---|---------|
| plants | land plants | Proteaceae | <i>Hakea lorea subsp. lorea</i> | | | C | | 2/1 |
| plants | land plants | Proteaceae | <i>Persoonia amaliae</i> | | | C | | 2/1 |
| plants | land plants | Proteaceae | <i>Persoonia falcata</i> | | | C | | 5 |
| plants | land plants | Pteridaceae | <i>Adiantum atroviride</i> | | | SL | | 1/1 |
| plants | land plants | Pteridaceae | <i>Cheilanthes sieberi subsp. sieberi</i> | | | C | | 2 |
| plants | land plants | Putranjivaceae | <i>Drypetes deplanchei</i> | grey boxwood | | C | | 1 |
| plants | land plants | Rhamnaceae | <i>Alphitonia excelsa</i> | soap tree | | C | | 5 |
| plants | land plants | Rhamnaceae | <i>Ventilago viminalis</i> | supplejack | | C | | 9/1 |
| plants | land plants | Rubiaceae | <i>Dolichocarpa coerulescens</i> | | | C | | 1/1 |
| plants | land plants | Rubiaceae | <i>Larsenaikia ochreata</i> | | | C | | 4/2 |
| plants | land plants | Rubiaceae | <i>Paranotis mitrasacmoides subsp. trachymenoides</i> | | | C | | 7/1 |
| plants | land plants | Rubiaceae | <i>Pavetta australiensis var. australiensis</i> | | | C | | 1/1 |
| | | | - <i>Pavetta granitica</i> | | | | | |
| plants | land plants | Rubiaceae | <i>Psydrax odorata subsp. australiana</i> | | | C | | 1/1 |
| plants | land plants | Rubiaceae | <i>Psydrax oleifolia</i> | | | C | | 1 |
| plants | land plants | Rubiaceae | <i>Richardia brasiliensis</i> | white eye | Y | | | 1/1 |
| plants | land plants | Rubiaceae | <i>Scleromitron galioides</i> | | | C | | 1/1 |
| plants | land plants | Rubiaceae | <i>Spermacoce brachystema</i> | | | C | | 2 |
| plants | land plants | Rubiaceae | <i>Spermacoce multicaulis</i> | | | C | | 1 |
| plants | land plants | Rutaceae | <i>Acronychia laevis</i> | glossy acronychia | | C | | 1/1 |
| plants | land plants | Rutaceae | <i>Flindersia dissosperma</i> | | | C | | 5 |
| plants | land plants | Rutaceae | <i>Geijera salicifolia</i> | brush wilga | | C | | 1 |
| plants | land plants | Rutaceae | <i>Murraya ovatifoliolata</i> | | | C | | 1/1 |
| plants | land plants | Santalaceae | <i>Santalum lanceolatum</i> | | | SL | | 3 |
| plants | land plants | Sapindaceae | <i>Alectryon diversifolius</i> | scrub boonaree | | C | | 4 |
| plants | land plants | Sapindaceae | <i>Alectryon oleifolius subsp. elongatus</i> | | | C | | 3 |
| plants | land plants | Sapindaceae | <i>Atalaya</i> | | | | | 5 |
| plants | land plants | Sapindaceae | <i>Atalaya hemiglauc</i> | | | C | | 5 |
| plants | land plants | Sapindaceae | <i>Dodonaea lanceolata</i> | | | C | | 2 |
| plants | land plants | Sapotaceae | <i>Planchonella pohlmaniana</i> | | | C | | 1/1 |
| plants | land plants | Scrophulariaceae | <i>Eremophila bignoniiflora</i> | eurah | | C | | 1 |
| plants | land plants | Scrophulariaceae | <i>Eremophila debilis</i> | winter apple | | C | | 4 |
| plants | land plants | Scrophulariaceae | <i>Eremophila deserti</i> | | | C | | 3 |
| plants | land plants | Scrophulariaceae | <i>Eremophila maculata</i> | | | C | | 7 |
| plants | land plants | Scrophulariaceae | <i>Eremophila mitchellii</i> | | | C | | 4 |
| plants | land plants | Scrophulariaceae | <i>Myoporum acuminatum</i> | coastal boobialla | | C | | 3/2 |
| plants | land plants | Solanaceae | <i>Datura stramonium</i> | common thornapple | Y | | | 3 |
| plants | land plants | Solanaceae | <i>Solanum adenophorum</i> | | | E | | 1/1 |
| plants | land plants | Solanaceae | <i>Solanum elachophyllum</i> | | | E | | 1/1 |
| plants | land plants | Solanaceae | <i>Solanum esuriale</i> | quena | | C | | 8 |
| plants | land plants | Solanaceae | <i>Solanum parvifolium subsp. parvifolium</i> | | | C | | 2/2 |
| plants | land plants | Sparrmanniaceae | <i>Corchorus trilocularis</i> | | | C | | 16/1 |
| plants | land plants | Sparrmanniaceae | <i>Grewia latifolia</i> | dysentery plant | | C | | 4 |
| plants | land plants | Sparrmanniaceae | <i>Grewia savannicola</i> | | | C | | 9 |
| plants | land plants | Stylidiaceae | <i>Stylidium eglandulosum</i> | | | SL | | 1/1 |
| plants | land plants | Thymelaeaceae | <i>Pimelea haematostachya</i> | | | C | | 20/1 |

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|---------|-------------|----------------|-------------------------------|-------------|---|---|---|---------|
| plants | land plants | Thymelaeaceae | <i>Pimelea microcephala</i> | | | | C | 1 |
| plants | land plants | Verbenaceae | <i>Glandularia aristigera</i> | | Y | | | 1 |
| plants | land plants | Verbenaceae | <i>Lantana camara</i> | lantana | Y | | | 1 |
| plants | land plants | Verbenaceae | <i>Verbena macrostachya</i> | | | | C | 1 |
| plants | land plants | Violaceae | <i>Pigea enneasperma</i> | | | | C | 1 |
| plants | land plants | Zygophyllaceae | <i>Tribulus eichlerianus</i> | bull head | | | C | 1 |
| plants | land plants | Zygophyllaceae | <i>Tribulus terrestris</i> | caltrop | | | C | 1 |

CODES

I - Y indicates that the taxon is introduced to Queensland and has naturalised.

Q - Indicates the Queensland conservation status of each taxon under the *Nature Conservation Act 1992*.

The codes are Extinct (EX), Extinct in the Wild (PE), Critically Endangered (CR), Endangered (E), Vulnerable (V), Near Threatened (NT), Special Least Concern (SL) and Least Concern (C).

A - Indicates the Australian conservation status of each taxon under the *Environment Protection and Biodiversity Conservation Act 1999*.

The values of EPBC are Extinct (EX), Extinct in the Wild (XW), Critically Endangered (CE), Endangered (E), Vulnerable (V) and Conservation Dependent (CD).

Records - The first number indicates the total number of records of the taxon (wildlife records and species listings for selected areas).

This number is output as 99999 if it equals or exceeds this value. A second number located after a / indicates the number of specimen records for the taxon.

This number is output as 999 if it equals or exceeds this value.