

ENVIRONMENTAL RISK ASSESSMENT
JOHNS ROAD-GREAT EASTERN HIGHWAY

ARUP

MARCH 2024

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EXECUTIVE SUMMARY

Arup are assisting the City of Kalgoorlie-Boulder with planning and design for upgrades to the Johns Road intersection with Great Eastern Highway. As part of the work, an assessment of environmental values and an environmental risk assessment (ERA) considering potential impacts resulting from the upgrade was required. This ERA involved a broad desktop assessment of environmental values and impact assessment of potential constraints within the development envelope.

The key environmental aspects for the project are as follows:

Aboriginal Cultural Heritage: Two Aboriginal Cultural Heritage sites occur within 3 km of the development envelope. No Aboriginal Cultural Heritage places occur within the development envelope. No Aboriginal Cultural Heritage places will be impacted by the proposal.

Acid Sulfate Soils: The Atlas of Australian Acid Sulfate Soils (2013) has mapped the area as 'Probability Class C' which is categorised as 'Extremely low probability of occurrence' for Acid Sulfate Soils. Therefore, it is considered unlikely for Acid Sulfate Soils to be impacted by the proposal.

Contaminated Sites: No contaminated sites occur within the development envelope, however nine sites occur within 500 m. No contaminated sites will be impacted by the proposal.

Ecological Communities: No Threatened Ecological Communities (TECs) afforded protection under the Commonwealth *Environment Protection and Biodiversity Conservation Act 1999* (EPBC Act) or the State *Biodiversity Conservation Act 2016* (BC Act) are known to occur within the development envelope or the study area. No Department of Biodiversity Conservation and Attractions (DBCA) recorded Priority Ecological Communities (PECs) occur within the development envelope. No TECs or PECs will be impacted by the proposal.

Fauna: A total of 17 conservation significant fauna species have the potential to occur within the development envelope. No conservation significant fauna have been previously recorded within the development envelope. The proximity of the development envelope to the existing highway would likely result in limited use of the area by fauna species. It is considered unlikely that conservation fauna will be significantly impacted by the proposal.

Fauna Habitat: Vegetation within the development envelope contains intact floristic structure, with pockets of areas with dense understorey to provide cover for small ground-dwelling fauna. Eucalyptus species present may provide food and shelter for many birds, insects and other mammals. A large proportion of remnant vegetation occurs within close proximity of the development envelope, which would provide suitable fauna habitat. The development envelope occurs adjacent to an existing road and connects to larger areas of quality fauna habitat. A total of 10.14 ha of remnant vegetation occurs within the development envelope that would provide suitable fauna habitat. Of this up to 3.24 ha will be directly impacted by the proposal.

Flora: No Commonwealth or State-listed Threatened flora have been previously recorded to occur. One Priority 2 species, *Eremophila praecox* has been recorded at two locations within 250 m of the development envelope. No other species of conservation significance occurs within 3 km of the development envelope. No recorded Threatened or Priority Flora will be impacted by the proposal.

Historic Heritage: No Historic Heritage sites occur within the development envelope. One National heritage place and State Heritage Site occurs within 600 m of the development envelope. No Historic Heritage sites will be impacted by the proposal.

Wetlands: No Ramsar Wetlands, Important wetlands or occur within the development envelope. No wetlands will be impacted by the proposal.

The following further studies and actions are recommended to assist in further environmental assessment and/or management of the project impacts:

- targeted flora survey
- consultation with DPLH to determine if a survey for Aboriginal Cultural Heritage is required
- submission of an application for a NVCP under Part V of the *Environmental Protection Act 1986*.

Due to the low level of overall environmental impact the project does not warrant referral under either Part IV of the *Environmental Protection Act 1986* or the *Environment Protection and Biodiversity Conservation Act 1999*.

1 INTRODUCTION

1.1 BACKGROUND

Arup are assisting the City of Kalgoorlie-Boulder with planning and design for an upgrade of the Johns Road intersection with Great Eastern Highway. As part of the work, an assessment of environmental values and an environmental risk assessment (ERA) considering potential impacts resulting from the upgrade was required. This ERA involved a broad desktop assessment of environmental values, and impact assessment of potential constraints within the development envelope, and this report presents the findings of this.

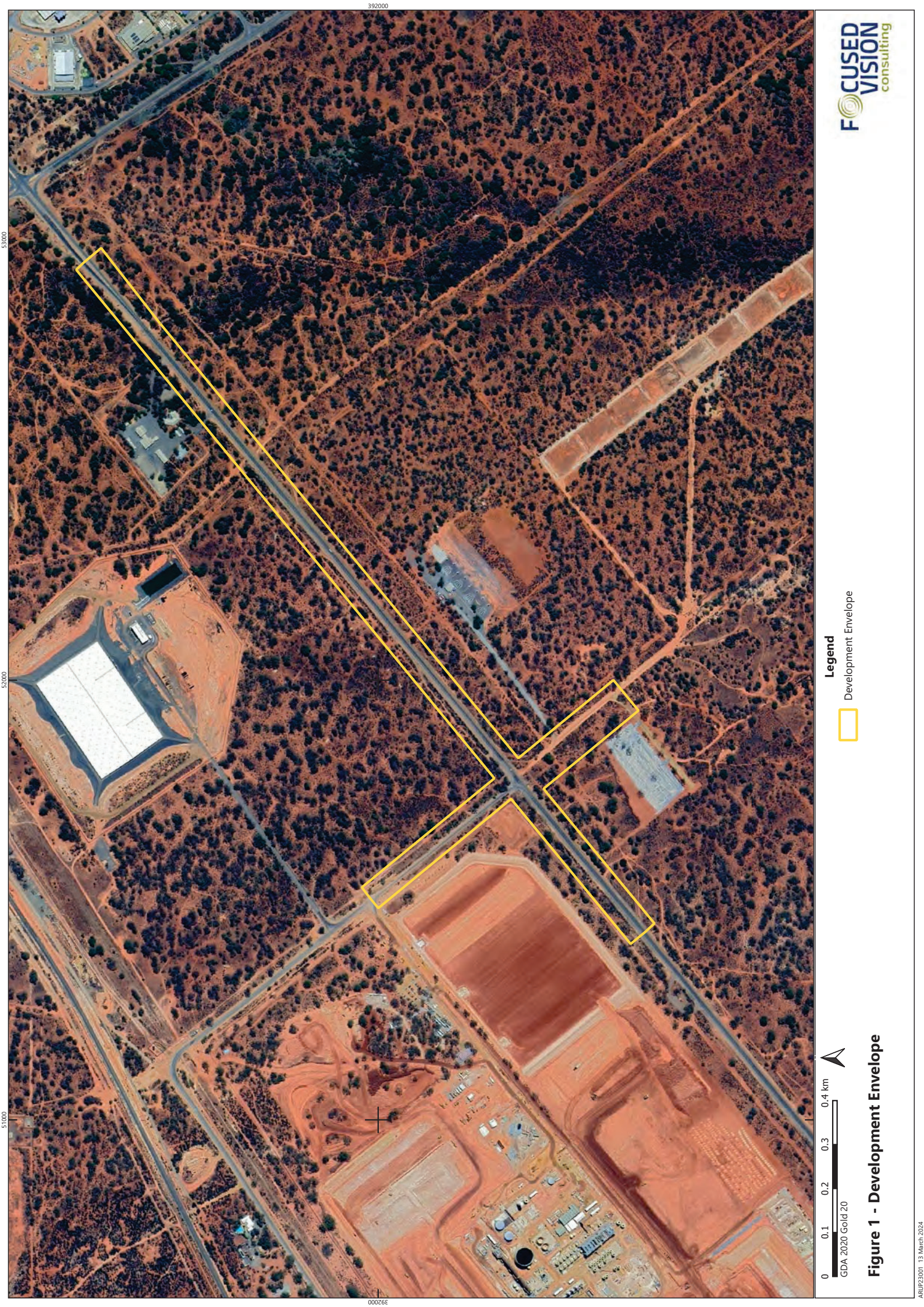
1.2 LOCATION

The 'Development Envelope' is located within the City of Kalgoorlie-Boulder, south-west of Kalgoorlie, and approximately 545 km east north-east of Perth. It is situated along Great Eastern Highway and part of Johns Road, and occupies an area of 18.95 hectares (ha), as presented in **Figure 1**. The study area covers the development envelope plus a 20 km buffer (**Figure 2**).

1.3 SCOPE OF WORK

The scope of work of this ERA was to conduct a desktop environmental assessment of the following environmental values:

- Aboriginal Cultural Heritage
- Acid Sulfate Soils
- Contaminated Sites
- Ecological Communities
- Fauna
- Fauna Habitat
- Flora
- Historic Heritage
- Vegetation Significance
- Wetlands.



51000

52000

51000

392000

000266



Legend
Development Envelope



Figure 1 - Development Envelope



Figure 2 - Development Envelope and Study Area

2 EXISTING ENVIRONMENT

2.1 CLIMATE

Kalgoorlie has a semi-arid climate with hot summers and mild winters. Rainfall is extremely variable from year to year and can occur throughout the year (BoM 2023). The nearest operating Bureau of Meteorology (BoM) recording station is located at Kalgoorlie-Boulder Airport (station number 012038) which has been recording since 1939. The annual mean maximum temperature ranges from 16.9°C in winter to 33.7°C in summer and has recorded an average annual rainfall of 263.9 mm (BoM 2023) (**Figure 3**).

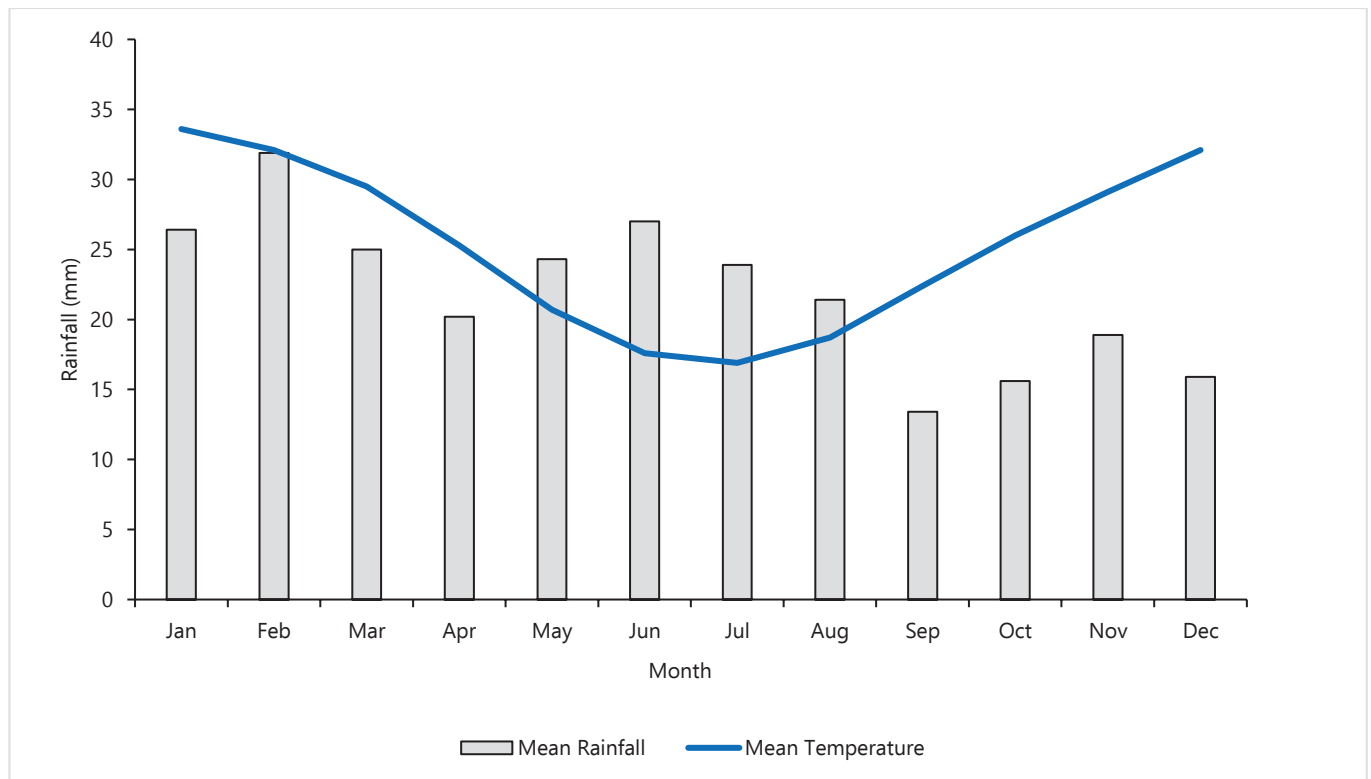
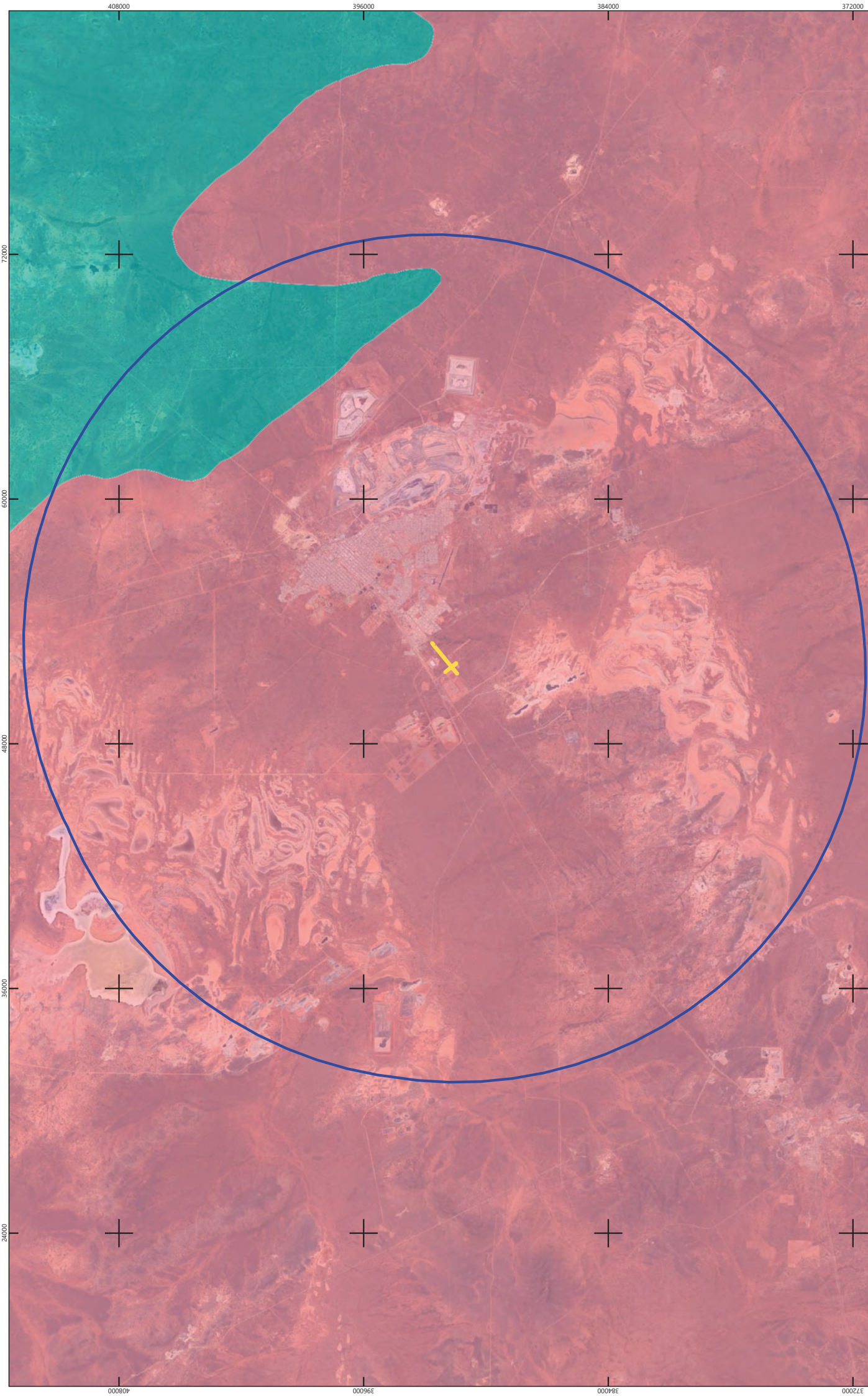


Figure 3 – Kalgoorlie Climate Data (BoM 2023)

2.2 IBRA REGION

There are 89 recognised Interim Biogeographic Regionalisation for Australia (IBRA) regions across Australia that have been defined based on climate, geology, landforms and characteristic vegetation and fauna (DCCEEW 2022a). The development envelope is situated in the Coolgardie IBRA Region which is characterised by granite rocky outcrops, low greenstone hills, laterite uplands and broad plains with vegetation is predominantly comprising of mulga, spinifex and Eucalypts (Bastin 2008).

At a finer scale the development envelope lies within the Eastern Goldfields Subregion (COO3) (**Figure 4**). The vegetation is characterised by Mallees, Acacia thickets and shrub heaths on sandplains and diverse Eucalyptus woodlands around salt lakes, on ranges and in valleys (Cowan 2001).



Legend

-  Study Area
-  Development Envelope
-  Eastern Goldfields
-  Eastern Murchison



Figure 4 - IBRA Subregions

2.3 GEOLOGY

The Eastern Goldfields Subregion broadly comprises of gently undulating plains interrupted in the west with low hills and ridges of Archaean greenstones and in the east by a horst of Proterozoic basic granulite (Cowan 2001). Much of the plains and greenstones areas are made of calcareous earths which make a dominant soil group in the region (Cowan 2001).

Twelve geological units occur within the desktop assessment area as described in **Table 1** and presented in **Figure 5**. One geological unit (Qrc) occurs specifically within the development envelope.

Table 1 – Geological Units in the Desktop Assessment Area (DMIRS 2020)

Geological Unit	Description
Abe	Basalt, high-Mg basalt, minor mafic intrusive rocks; some andesite; agglomerate; mafic schist; amphibolite; dolerite; komatiitic basalt; carbonated basalt; basaltic andesite; mafic rock interleaved with minor granitic rock
Ade	Mafic intrusive rocks, medium to coarse-grained; layered mafic to ultramafic intrusions - dolerite, gabbro, olivine gabbro, peridotite, pyroxenite, leucogabbro, quartz dolerite, quartz gabbro, gabbro-norite
Afe	Quartz-feldspar (meta-) porphyry, porphyritic microgranite; rhyolite, dacite, rhyodacite, andesite; agglomerate, breccia tuff; felsic schist; felsic volcanic and volcanoclastic rocks; dacite and rhyodacite tuff; dacite porphyry;
Aglm	Monzogranite; low-Ca granite
Ase	Phyllitic schist, siltstone, sandstone, greywacke, pelite, conglomerate, quartzite, phyllite, shale, slate, claystone, chert, minor felsic volcanic and volcanoclastic rocks; arkose, para- and orthoamphibolites; rare banded iron formation
Aue	Tremolite-chlorite-talc amphibolite, metapyroxenite, pyroxenite, peridotite, serpentinite, ultramafic schists, komatiite, high-Mg basalt; also chalcedony, silica, jasper, silcrete, silica cap rock on ultramafic rocks
Ave	Felsic and mafic volcanic rocks, some granite intercalations
Czl	Pisolitic, nodular or vuggy ferruginous laterite; some lateritic soils; ferricrete; magnesite; ferruginous and siliceous duricrusts and reworked products, calcrete, kaolinised rock, gossan; residual ferruginous saprolite
Qa	Channel and flood plain alluvium; gravel, sand, silt, clay, locally calcreted
Qdlu	Quartz and gypsum dunes and mounds (kopi); may include minor silt, sand, gravel, and clay flats adjacent to playas; locally includes some playa sediments
Qrc	Colluvium, sheetwash, talus; gravel piedmonts and aprons over and around bedrock; clay-silt-sand with sheet and nodular kankar; alluvial and aeolian sand-silt-gravel in depressions and broad valleys in Canning Basin; local calcrete, reworked laterite
Qt	Lacustrine or residual mud, clay, silt and sand, commonly gypsiferous and/or saline; playa, claypan, and swamp deposits; peat; peaty sand and clay; halitic and gypsiferous evaporites

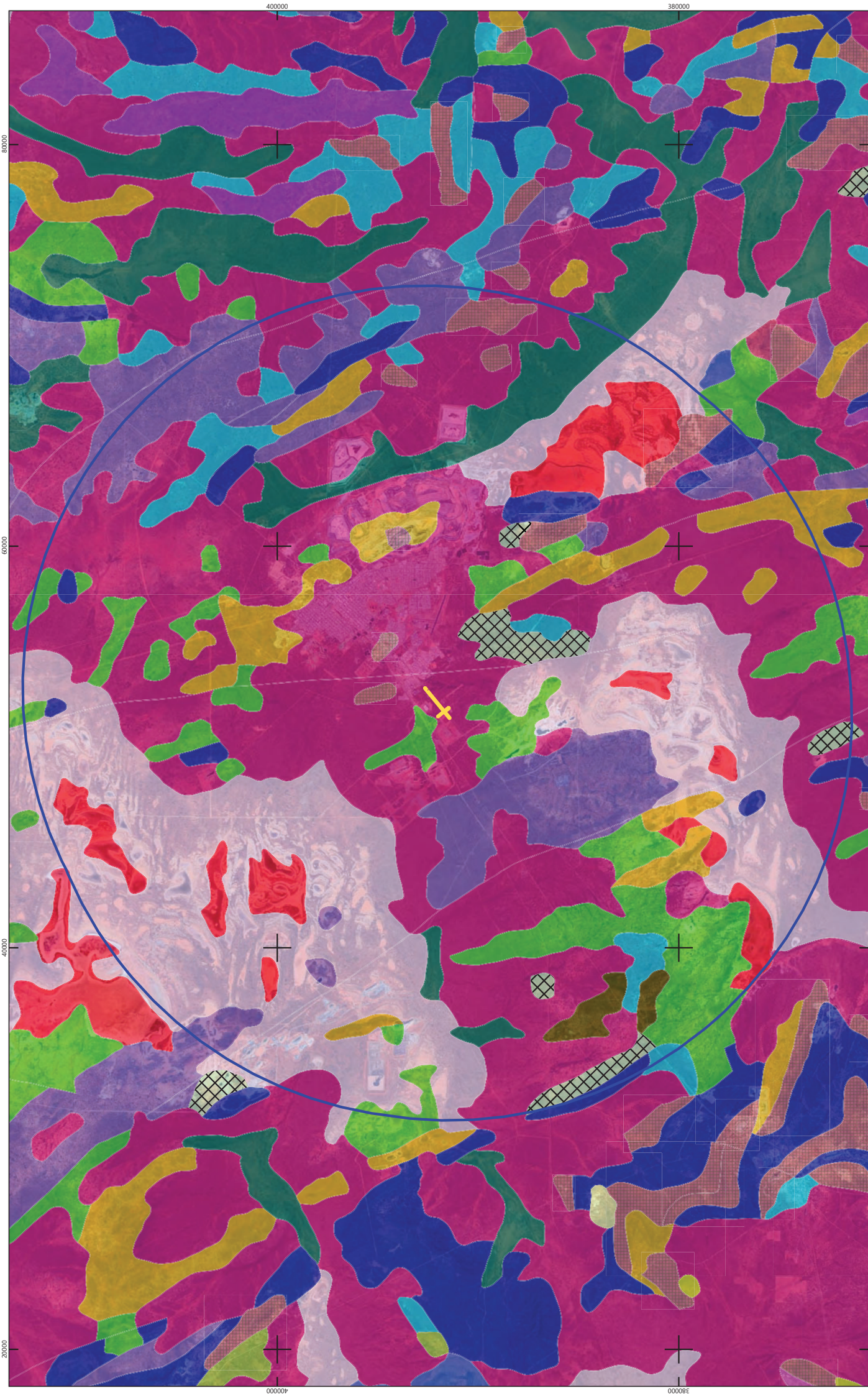


Figure 5 - Geology

2.4 VEGETATION

Pre-European vegetation has been broadly characterised by Beard (1990) which described and mapped the vegetation in Western Australia and has since been converted into a digital form (Shepherd *et al.* 2002). Nine Beard (1990) vegetation associations occur within the study area (**Figure 6**) as described as follows:

- 9 – Medium woodland; coral gum (*Eucalyptus torquata*) and goldfields blackbutt (*Eucalyptus lesouefii*)
- 20 – Low woodland; mulga mixed with *Allocasuarina cristata* and *Eucalyptus* sp.
- 123 – Succulent steppe with open low woodland; sheoak over saltbush and bluebush
- 125 - Bare areas; salt lakes
- 128 - Bare areas; rock outcrops
- 468 – Medium woodland; salmon gum and goldfields blackbutt
- 540 – Succulent steppe with open low woodland; sheoak over saltbush
- 936 – Medium woodland; salmon gum
- 1294 - Medium woodland; coral gum.

One Beard (1990) vegetation association is supported by the development envelope and its remaining extent across a range of contexts is presented in **Table 2**. The extent of the various vegetation associations supported by the study area is presented spatially in **Figure 6**.

Table 2 – Pre-European Vegetation in the Development Envelope (DBCA 2019)

Vegetation Association	Broad Vegetation Description	Extent Context	Pre-European Extent (ha)	Current Extent (ha)	Pre-European Extent Remaining (%)	Current Extent in DBCA Managed Lands (%)
9	Medium woodland; coral gum (<i>Eucalyptus torquata</i>) and goldfields blackbutt (<i>Eucalyptus lesouefii</i>)	Western Australia	240,509.33	235,161.94	97.78	7.89
		Coolgardie IBRA Region	240,441.99	235,100.97	97.78	7.90
		Eastern Goldfields IBRA Sub-Region	235,047.15	229,757.07	97.75	8.08
		City of Kalgoorlie-Boulder	38,706.67	37,223.28	96.17	-

An objective of the EPA is to protect flora and vegetation so that biological diversity and ecological integrity are maintained (EPA 2016). The EPA considers it is important that ecological communities are maintained above a threshold level of 30% of the original pre-clearing extent of each community (EPA 2008). Additionally, the National Objectives and Targets for Biodiversity Conservation 2001-2005 (Commonwealth of Australia 2001) recognise that the retention of at least 30% of the pre-clearing extent of each vegetation association is necessary for Australia's biological diversity to be protected (DER 2014). A level of 30% of pre-clearing extent is considered to be the level below which species loss appears to accelerate exponentially at the ecosystem level (EPA 2008). From purely a biodiversity perspective, a level of 10% of the original extent of a vegetation association is regarded as being a level representing Endangered (EPA 2008) and any clearing which would increase the threat level to a vegetation association should be avoided.

The current extent of all vegetation associations within the development envelope exceed the 30% retention threshold in a State, regional and local context; and therefore, meet the EPA objective of retention for the purpose of biodiversity conservation.

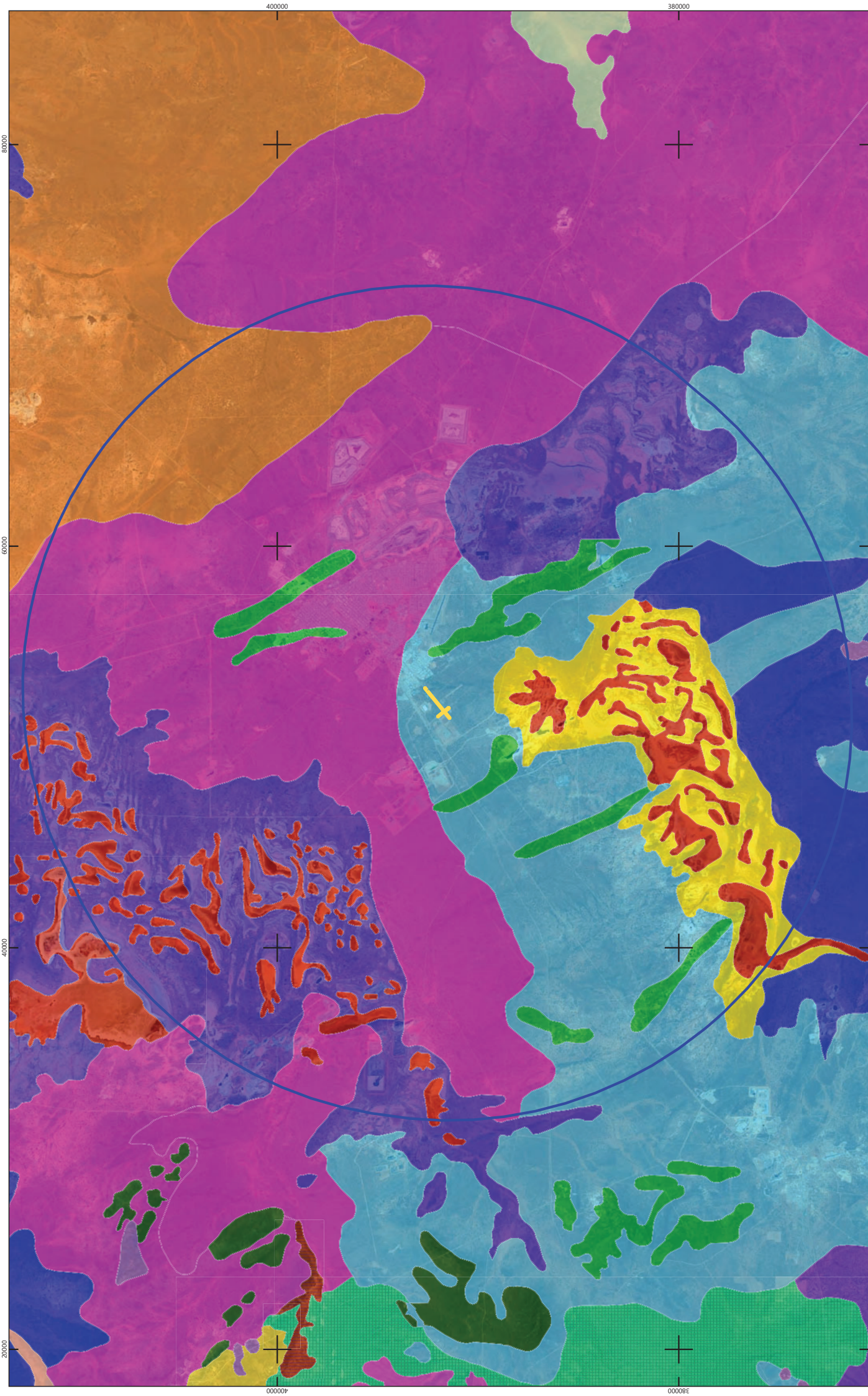


Figure 6 - Pre-European Vegetation

2.5 CONSERVATION ESTATE

A total of three Department of Biodiversity, Conservation and Attractions (DBCA) Managed Lands or reserves occur within the study area as summarised in **Table 3** and spatially presented in **Figure 7**. The closest reserve, Kurrawang Nature Reserve, occurs approximately 4.4 km west south-west of the development envelope, adjacent to Great Eastern Highway. No conservation estate occurs within the development envelope.

Table 3 – Summary of DBCA Managed Lands within the Study Area

Identifier	Name	Purpose	Distance from Development Envelope
R 19214	Lakeside Timber Reserve	Section 5(1)(g) Reserve	14 km south-east of the development envelope
R 35453	Kurrawang Nature Reserve	Nature Reserve	4.4 km west south-west of the development envelope
R 23840	Kalgoorlie Arboretum	Section 5(1)(h) Reserve	4.8 km north north-east of the development envelope

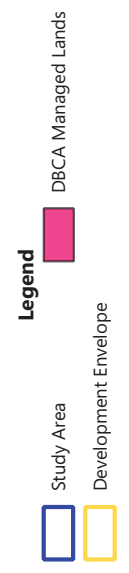
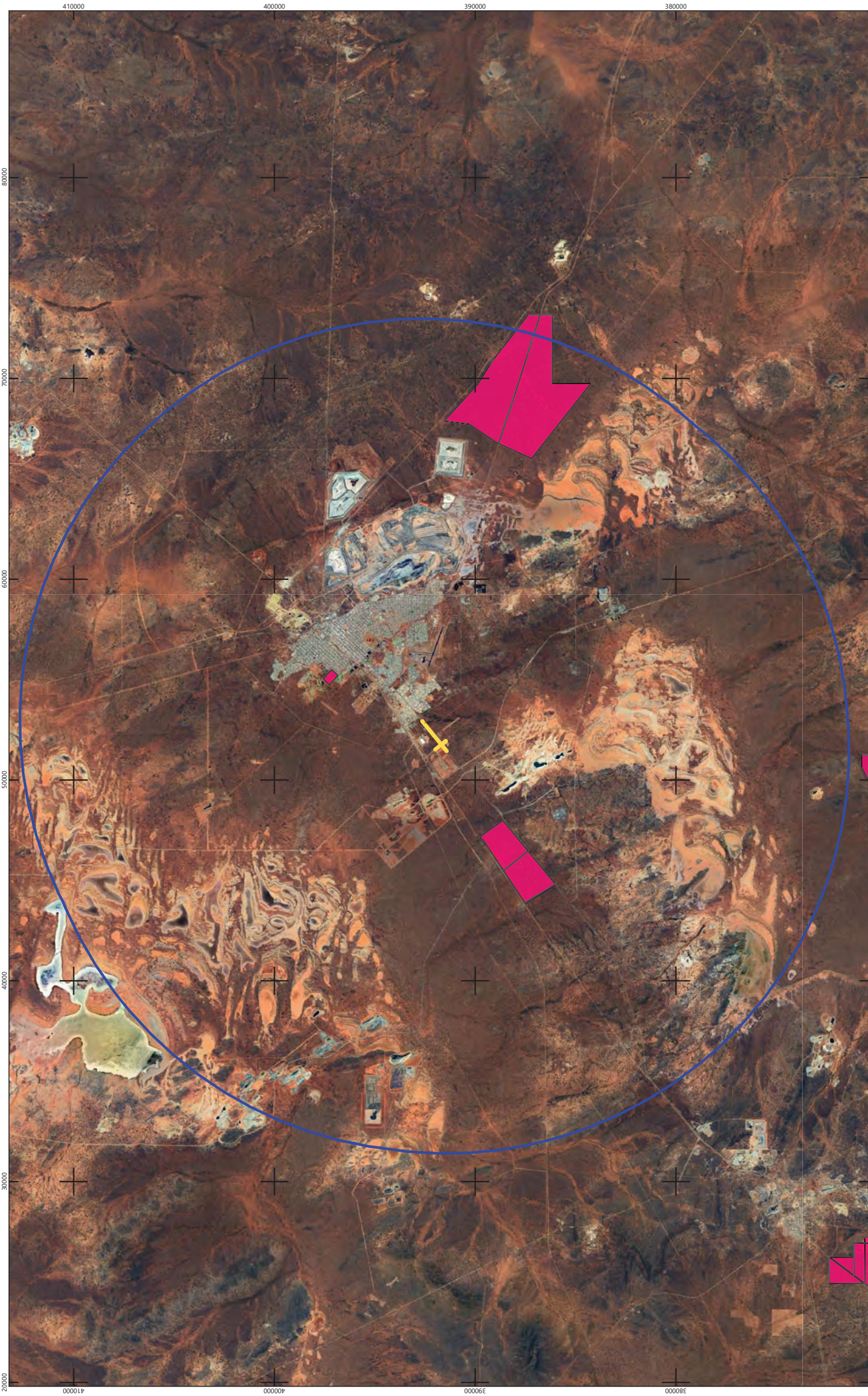


Figure 7 - DBCA Managed Lands

3 METHODOLOGY

A desktop assessment of the development envelope area and study area was conducted by reviewing available government agency databases, viewing GIS shapefiles and any publicly available literature. Current information on environmental constraints was obtained from the sources listed in **Table 4**.

Table 4 – Relevant Information Sources

Aspect	Information Platform	Source
Aboriginal Cultural Heritage	Aboriginal Cultural Heritage Inquiry System	Department of Planning, Lands and Heritage (DPLH)
Acid Sulphate Soils	Acid Sulphate Soil (ASS) Risk Maps	Department of Water and Environmental Regulation (DWER)
Contaminated Sites	Contaminated Sites Database	DWER
Ecological Communities	DBCA database search results Protected Matters Search	DBCA Department of Climate Change, Energy, the Environment and Water (DCCEEW)
Fauna	NatureMap Protected Matters Search DBCA database search results	DBCA DCCEEW
Flora	Florabase NatureMap Protected Matters Search DBCA database search results	DBCA DCCEEW
Historic Heritage	Australian Heritage Places Inventory Heritage Places Search Municipal Heritage Inventory Protected Matters Search	DCCEEW Heritage Council of Western Australia City of Kalgoorlie-Boulder
Wetlands	Geomorphic Wetlands Landgate locate	DBCA Landgate

4 ASSESSMENT OF ASPECTS

An assessment of aspects and potential impacts relevant to the development envelope are described in the following sections. The specific environmental values assessed at a desktop level were:

- Aboriginal Cultural Heritage
- Acid Sulfate Soils
- Contaminated Sites
- Ecological Communities
- Fauna
- Fauna Habitat
- Flora
- Historic Heritage
- Vegetation Significance
- Wetlands.

4.1 ABORIGINAL CULTURAL HERITAGE

Interrogation of the Aboriginal Heritage Places dataset (DPLH-001) and a search of the DPLH Aboriginal Cultural Heritage Inquiry System (DPLH 2023) identified 101 Aboriginal Cultural Heritage Sites within the study area (20 km buffer), comprising of 32 Registered Heritage Sites and 69 Lodged Sites (**Appendix A, Figure 8**). Two cultural heritage sites occur within 3 km of the development envelope (**Table 5**). No Aboriginal Cultural Heritage places occur specifically within the development envelope. There has been no Native Title determination within the development envelope.

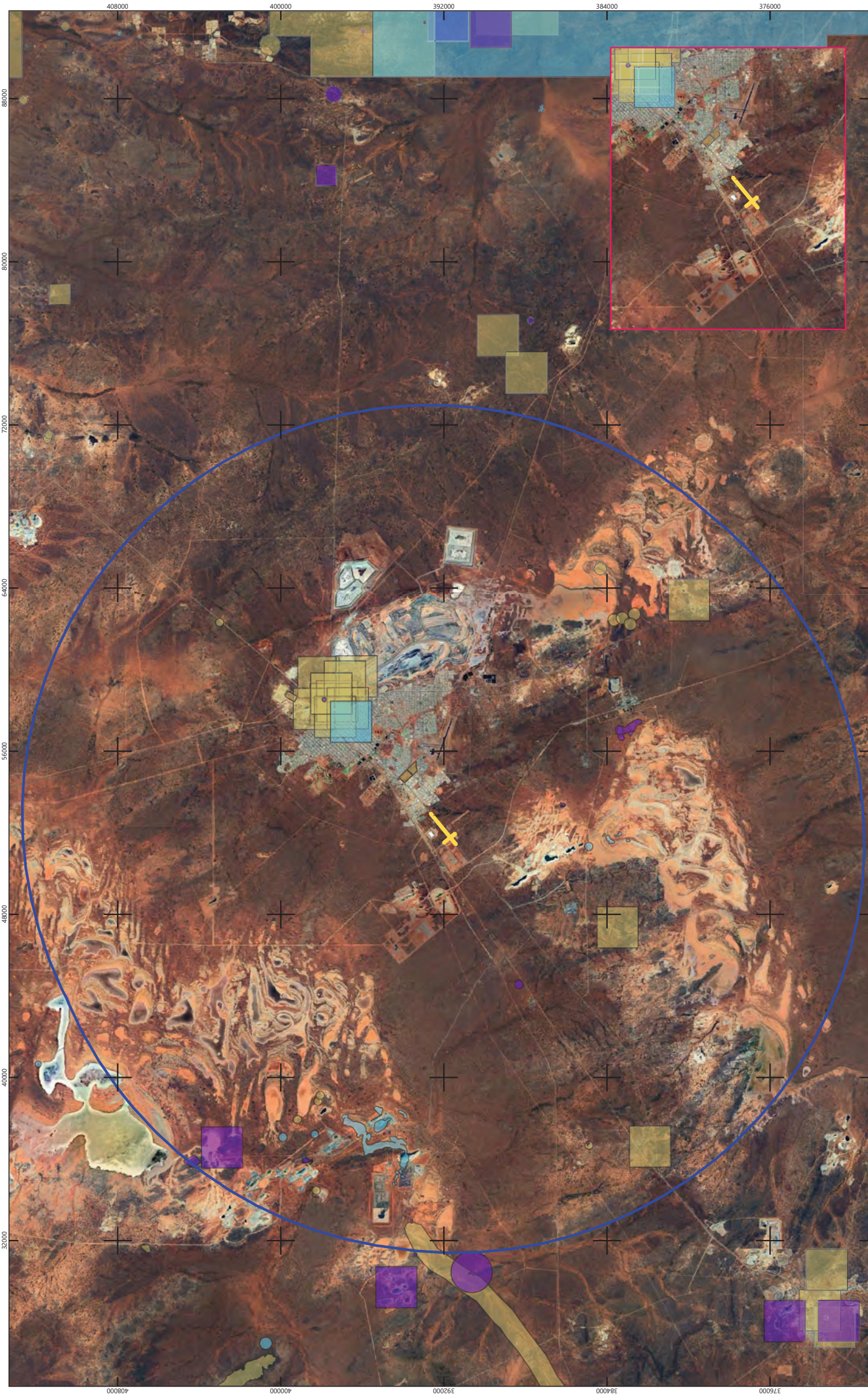
Table 5 – Aboriginal Cultural Heritage Sites occurring within 3 km of the Development Envelope

Ref. No.	Name	Status	Place Type	Distance from Development Envelope
21047	KAL/01 – Binduli Rock Hole	Lodged	Historical, Mythological, Natural Feature, Water Source	1.6 km north-west
30639	Gubrun Camp	Registered Site	Historical, Natural Feature, Water Source	2 km north-east

4.2 ACID SULFATE SOILS

Acid sulfate soils (ASS) occur naturally in Western Australia and when exposed to air, through drainage, lowering of water-tables or excavation, oxidation of sulfides creates sulfuric acid which can trigger a range of flow-on effects (DWER 2023a).

The Atlas of Australian Acid Sulfate Soils (2013) has mapped the area as ‘Probability Class C’ which is categorised as ‘Extremely low probability of occurrence’ for ASS (**Figure 9**). It is considered there is a 1-5% chance of occurrence of ASS, with any occurrences in small, localised areas.



Legend

	Study Area
	Development Envelope
	Aboriginal Heritage Places Lodged
	Registered Site
	Stored Data / Not a Site



Figure 8 - Aboriginal Cultural Heritage

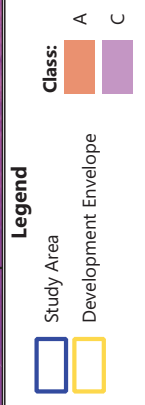
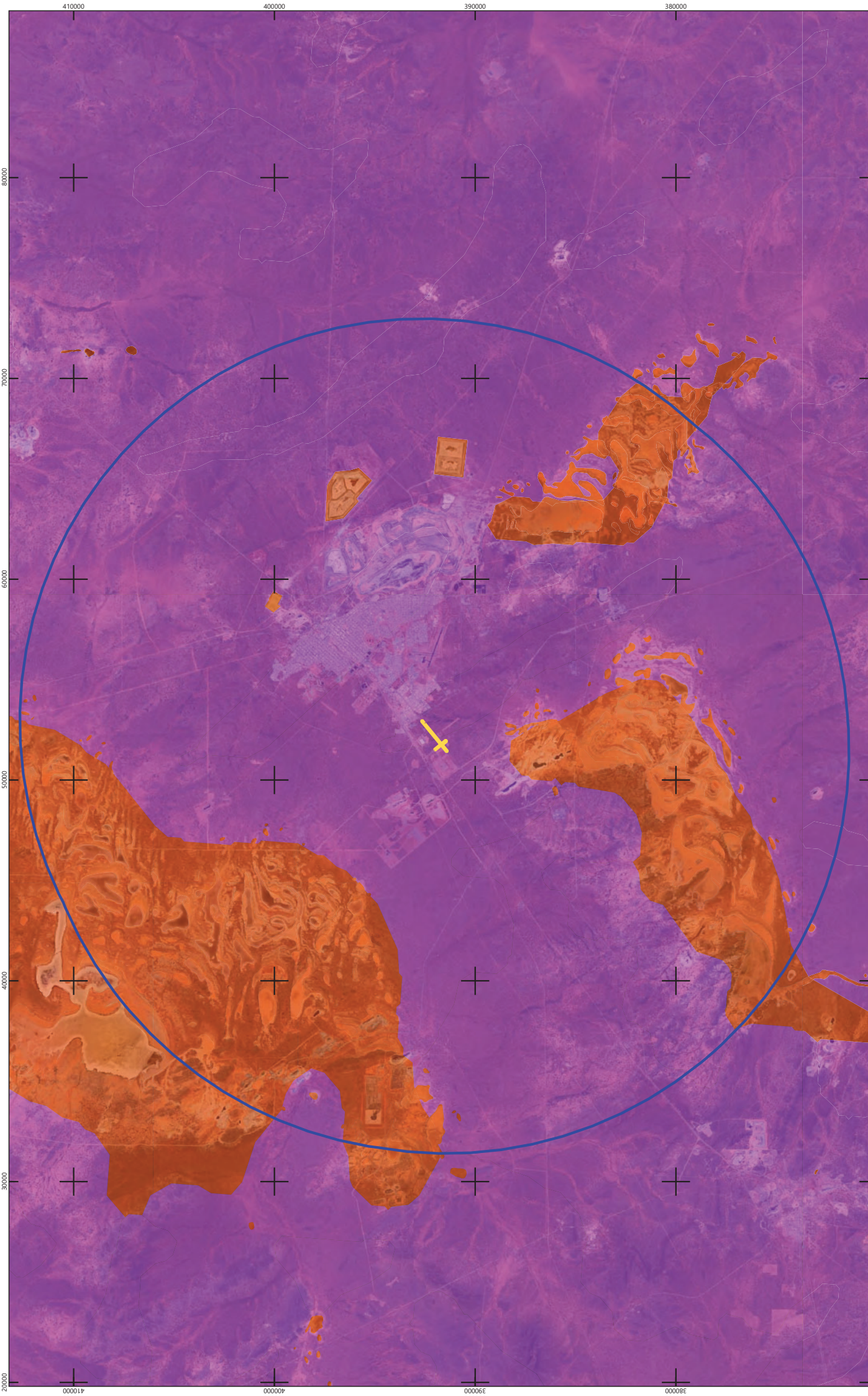


Figure 9 - Acid Sulfate Soils

4.3 CONTAMINATED SITES

A search of DWER’s contaminated sites database (DWER 2023b) identified there are 89 known contaminated sites within the study area (**Appendix B**). No contaminated sites occur within the development envelope, however nine sites occur within 500 m of the development envelope as summarised in **Table 6** and spatially presented in **Figure 10**. All the sites in **Table 6** are related to illegal dumping in the area prior to the creation of the existing commercial/industrial subdivision.

Table 6 – Contaminated Sites within 500 m of the Development Envelope

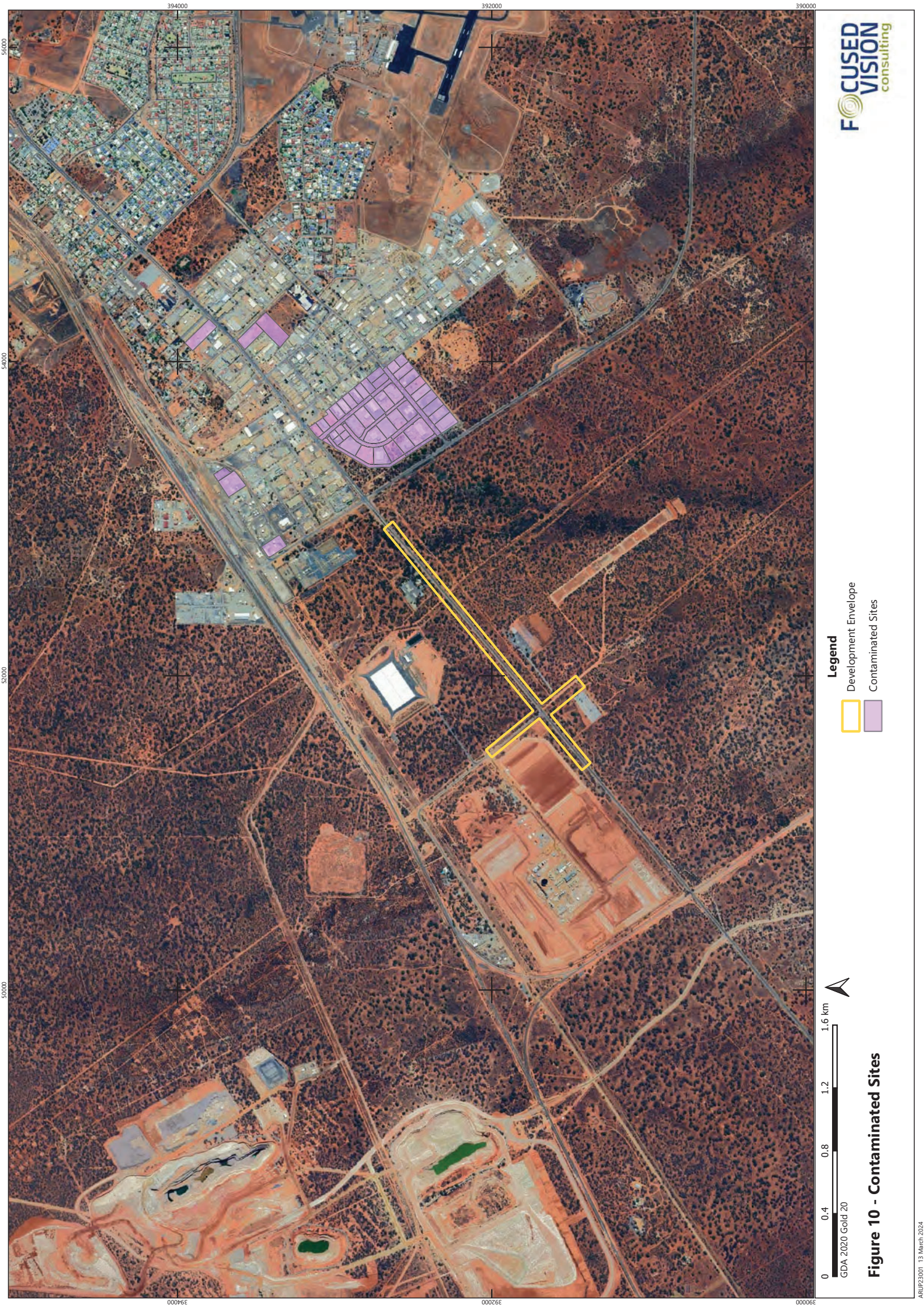
CSS ID	Plan Lot No.	Location	Classification	Distance from Development Envelope
15029	-	Road Reserve, West Kalgoorlie	Remediated for restricted use	425 m east south-east
15030	LOT 11 ON PLAN 50429	1 Yulpari Road, West Kalgoorlie	Remediated for restricted use	495 m east south-east
15031	LOT 313 ON PLAN 47356	19 Yulpari Road, West Kalgoorlie	Remediated for restricted use	436 m east south-east
20511	LOT 317 ON PLAN 55267	6 Kayili Road, West Kalgoorlie	Remediated for restricted use	480 m east north-east
20531	-	Road Reserve, West Kalgoorlie	Remediated for restricted use	480 m east north-east
20532	-	Road Reserve, West Kalgoorlie	Remediated for restricted use	350 m east south-east
28382	LOT 316 ON PLAN 55269	29 Kayili Road, West Kalgoorlie	Remediated for restricted use	380 m east north-east
28383	LOT 315 ON PLAN 55269	41 Kayili Road, West Kalgoorlie	Remediated for restricted use	365 m east
28384	LOT 314 ON PLAN 55269	53 Kayili Road, West Kalgoorlie	Remediated for restricted use	375 m east

According to the Basic Summary of Records for these nine sites, all have been ‘Remediated for restricted use’, however, heavy metals remain in the soil at each site (**Appendix C**). The land use at these locations is restricted to commercial/industrial use which excludes childcare centres, kindergartens, pre-schools and primary schools and they should not be developed for a more sensitive use such as recreational open space, residential use or childcare centres (DWER 2023b).

The potential for encountering contaminated soils and/or groundwater within the development envelope is considered low. However, there may be historical dumping and fly tipping adjacent to the roads.

4.4 ECOLOGICAL COMMUNITIES

A review of DBCA’s Threatened and Priority Ecological Communities database did not identify any Threatened Ecological Communities (TECs) or Priority Ecological Communities (PECs) within the study area, and therefore, no DBCA recorded TECs or PECs occur. The closest known significant ecological community, Priority 3 Ecological Community, Emu Land System, occurs approximately 37 km north-east of the development envelope (**Figure 11**).



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54000
52000
50000
394000
392000
390000
00006E
00026E
00006E

Legend
Development Envelope
Contaminated Sites



0 0.4 0.8 1.2 1.6 km
GDA 2020 Gold 20

Figure 10 - Contaminated Sites

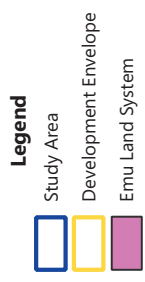


Figure 11 - Priority Ecological Communities

4.5 FAUNA

Interrogation of the *Environment Protection and Biodiversity Conservation Act 1999* (EPBC Act) Protected Matters Search Tool (PMST) (**Appendix D**), the DBCA Threatened and Priority fauna database and NatureMap (**Appendix E**) identified a total of 17 conservation significant fauna species with the potential to occur within the development envelope (**Table 7**). This is comprised of 16 Commonwealth EPBC listed fauna, 15 *Biodiversity Conservation Act 2016* (WA) (BC Act) listed fauna, one Priority 1 and one Priority 4 fauna species. No conservation significant fauna have been previously recorded within the development envelope and none are considered to be resident, regular visitors or rely on the habitats present. At best, some species may be occasional visitors or vagrants that pass through or overfly or may occupy the area for short periods when accessing other locations of more suitable habitat. The DBCA documented locations of significant fauna are presented in **Figure 12**.

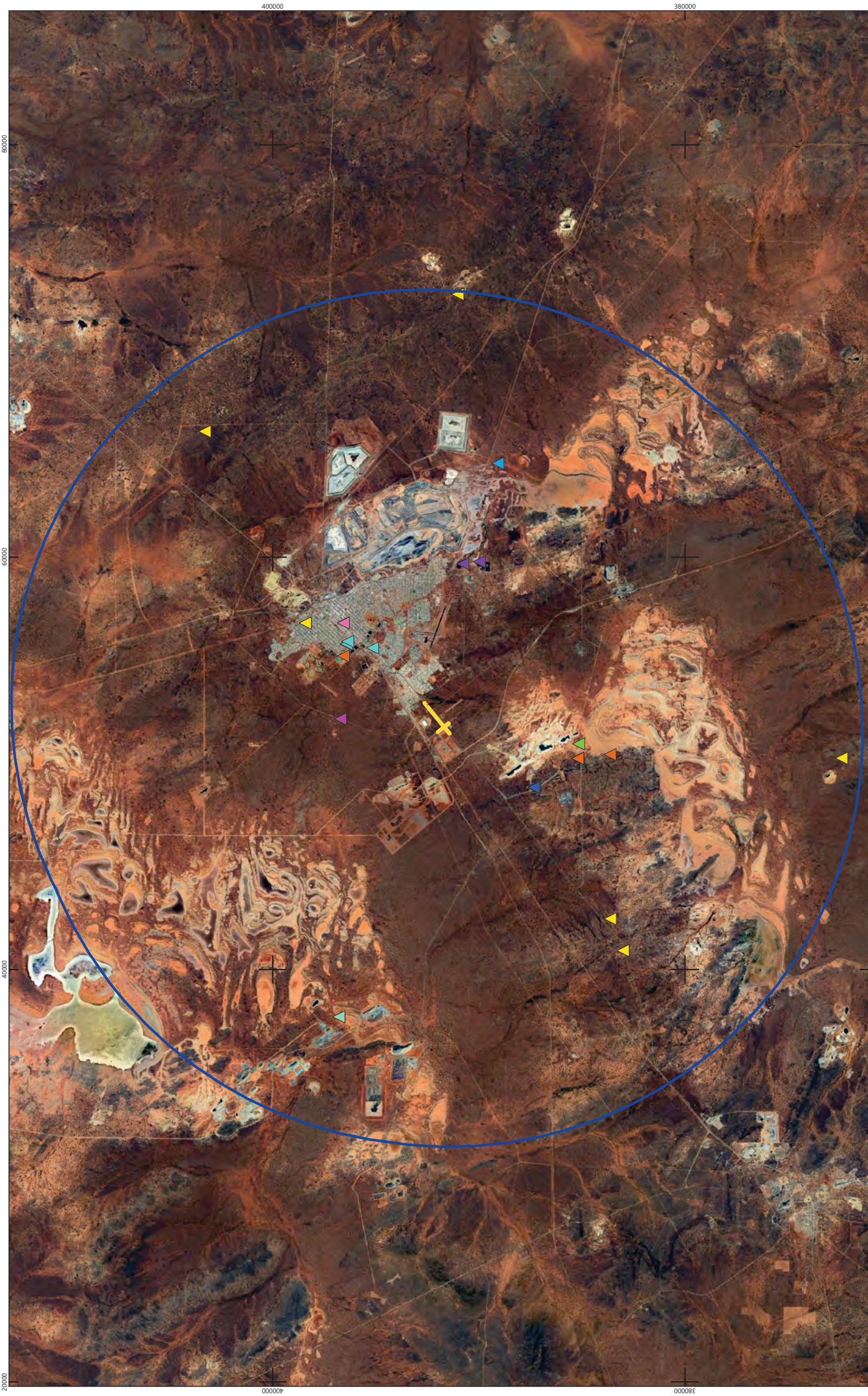
It is considered unlikely that any conservation significant fauna species or applicable habitat will be impacted by the proposal.

Table 7 – Conservation Significant Fauna with the Potential to Occur within the Development Envelope

Species	Common Name	EPBC Act Cons. Status	WA Cons. Status	Preferred Habitat	Nature of Occurrence	Source
<i>Ogyris subterrestris petrina</i>	Arid Bronze Azure Butterfly	Critically Endangered	Critically Endangered	The only widely known established population is in remnant vegetation in the Avon Wheatbelt adjacent to Barballin Nature Reserve. The species is associated with an ant (<i>Camponotus terebrans</i>) in which the butterfly larvae depends on the ants for food.	Will not occur - 126 occurrences recorded within the study area all prior to 1993 when the population became extinct. Suitable habitat for the Butterfly and its host ant is unlikely to occur within the development envelope.	DBCA, PMST, NatureMap
<i>Calidris ferruginea</i>	Curlew Sandpiper	Critically Endangered Migratory	Critically Endangered	Worldwide. Coastal shorelines, coastal and inland wetlands (DCCEEW 2023a).	Will not occur - The development envelope does not support wetland habitats and therefore, the species is unlikely to utilise the development envelope.	PMST
<i>Pezoporus occidentalis</i>	Night Parrot	Endangered	Critically Endangered	Arid and semi-arid areas, including sand hills, floodplains, claypans; edges of salt lakes, watercourses, waterholes with low, dense vegetation including spinifex.	Will not occur - Suitable habitat does not occur within the development envelope, which is also outside the species' current understood range.	PMST
<i>Calyptorhynchus latirostris</i>	Carnaby's Black-Cockatoo	Endangered	Endangered	Endemic to south-west WA, from Cervantes north of Perth, south along the coastline to Esperance and inland east over the Darling Scarp. Inhabits forests, woodlands, heathlands, farms; feeds on banksia, hakea and marri, pine plantations.	Will not occur - The development envelope is outside of the current known species distribution.	DBCA, NatureMap
<i>Myrmecobius fasciatus</i>	Numbat, Walpurti	Endangered	Endangered	Endemic to south-west WA. Inhabits remnant eucalypt forest and woodland in SW WA. Jarrah and marri forests in the south-west, wandoo woodlands in the wheatbelt. Require fallen logs and open foraging areas adjacent to understorey cover. Distribution largely determined by termites.	Will not occur - Suitable Eucalyptus woodland habitat is likely to be present within the development envelope, however, the development envelope is outside of the current known species distribution.	DBCA, NatureMap

Species	Common Name	EPBC Act Cons. Status	WA Cons. Status	Preferred Habitat	Nature of Occurrence	Source
<i>Dasyurus geoffroyi</i>	Chuditch, Western Quoll	Vulnerable	Vulnerable	Restricted to south-west WA. Inhabits jarrah forests and woodlands in the south-west, woodlands, mallee shrublands and heaths along the south coast and wheatbelt. Extinct from the Swan Coastal Plain (DEC 2012).	Will not occur - The development envelope is outside of the current known species distribution and suitable habitat is not present.	PMST
<i>Leipoa ocellata</i>	Malleefowl	Vulnerable	Vulnerable	Widespread but patchy across Australia excluding Queensland. Inhabits arid to semi-arid, dense shrublands and woodlands, mallee and/or acacias. Require sandy substrate and abundant leaf litter for nest building (Benshemesh 2007).	Will not occur - 7 historical occurrences recorded within the study area, but no known local strongholds. Suitable habitat is unlikely to be present within the development envelope.	ALA, DBCA, PMST, NatureMap
<i>Macrotis lagotis</i>	Bilby, Dalgyte, Ninu	Vulnerable	Vulnerable	Widespread but patchy across Australia. Inhabits tussock grasslands on uplands and hills, mulga woodland/shrubland on ridges and rises and hummock grassland on plains and alluvial areas (Pavey 2006).	Locally Extinct - Two occurrences within the study area from historic records (1922 and 1976). Suitable habitat may be present within the development envelope, however this is outside of current known species distribution.	DBCA, NatureMap
<i>Apeloecephala leucopsis</i>	Southern Whiteface	Vulnerable	-	Arid open acacia woodlands often dominated by mulga and drought-resistant chenopod shrub species, including saltbush and bluebush, typically north and within the Interzone.	Irregular Visitor - 15 occurrences recorded within the study area, but typical range is to the north. Suitable habitat is likely to be present within the development envelope.	ALA, PMST
<i>Falco hypoleucos</i>	Grey Falcon	Vulnerable	Vulnerable	Lightly timbered inland plains, farmland, gibber deserts, eucalypt-lined waterways, avoids the driest desert areas.	Will not occur - No suitable habitat is present.	PMST
<i>Calidris acuminata</i>	Sharp-Tailed Sandpiper	Migratory	Migratory	Shallow inland freshwater wetlands, mudflats, mangroves, rocky shores and beaches.	Will not occur - Two occurrences recorded within the study area, although, the development envelope does not support suitable habitat.	DBCA, NatureMap
<i>Calidris alba</i>	Sanderling	Migratory	Migratory	Coastal shorelines, wetlands.	Will not occur - One occurrence recorded within the study area, although the development envelope does not support suitable habitat.	DBCA, NatureMap

Species	Common Name	EPBC Act Cons. Status	WA Cons. Status	Preferred Habitat	Nature of Occurrence	Source
<i>Plegadis falcinellus</i>	Glossy Ibis	Migratory	Migratory	Widespread across Australia. Inhabits shallow freshwater swamps, marshes and mud flats, rivers, occasional coastal locations (DCCEEW 2023).	Will not occur - The development envelope does not support fresh watercourses and therefore, the species is unlikely to occur.	DBCA, NatureMap
<i>Tringa glareola</i>	Wood Sandpiper	Migratory	Migratory	Widespread worldwide. Inhabits coastal shorelines, wetlands.	Will not occur - The development envelope does not support suitable habitat.	DBCA, NatureMap
<i>Tringa nebularia</i>	Common Greenshank	Migratory	Migratory	Worldwide. Inhabits coastal shorelines, wetlands. Arrives in West Australia from August and moves north in two waves around February and March before returning to breeding ground in Eurasia.	Will not occur - The development envelope does not support suitable habitat.	DBCA, NatureMap
<i>Tringa brevipes</i>	Grey-Tailed Tattler	Migratory	Migratory Priority 4	Coastal shorelines, wetlands. Migrates to north Australia from August to September.	Will not occur - The development envelope does not support suitable habitat.	DBCA, NatureMap
<i>Jalmenus aridus</i>	Inland Hairstreak, Desert Blue Butterfly		Priority 1	The population is only known from a handful of records near Kalgoorlie and in the Northern Yilgarn. The species is associated with <i>Senna</i> sp. and <i>Acacia tetragonophylla</i> , however distribution is poorly sampled.	Vagrant - 16 records occur within the study area. Suitable habitat is likely to be present within or adjacent to the development envelope.	ALA, DBCA, NatureMap



- Legend**
- Study Area
 - Development Envelope
 - Arid bronze azure butterfly
 - Camaby's cockatoo
 - Glossy ibis
 - Grey-tailed tattler
 - Inland hairstreak, desert blue butterfly
 - Malleefowl
 - Numbat, walpurti
 - Sanderling
 - Sharp-tailed sandpiper
 - Wood sandpiper



Figure 12 - Conservation Significant Fauna with the Potential to Occur

4.6 FAUNA HABITAT

A total of 8.82 ha (46.52%) of the development envelope comprises of bitumen road, cleared road shoulders and tracks. Remnant vegetation occurs within the boundary of the development envelope (10.14 ha, 53.48%), which may provide suitable habitat for some fauna.

Vegetation within the development envelope has been defined by Beard (1990) as 'Medium woodland coral gum (*Eucalyptus torquata*) and goldfields blackbutt (*Eucalyptus lesouefii*) and contains intact floristic structure, with pockets of areas with dense understorey to provide cover for small ground-dwelling fauna. In addition, the *Eucalyptus* species may provide food and shelter for many birds, insects and other mammals.

4.7 FLORA

The DBCA database search, NatureMap Species Report and the MNES Report conducted for the study area identified as total of 14 Priority flora species previously recorded within the study area (**Table 8**). This comprised of one Priority 1, three Priority 2, six Priority 3 and four Priority 4 flora.

No Commonwealth or State-listed Threatened flora have been previously recorded within the development envelope.

The locations of DBCA recorded Priority flora documented within the study area are presented in **Figure 12**.

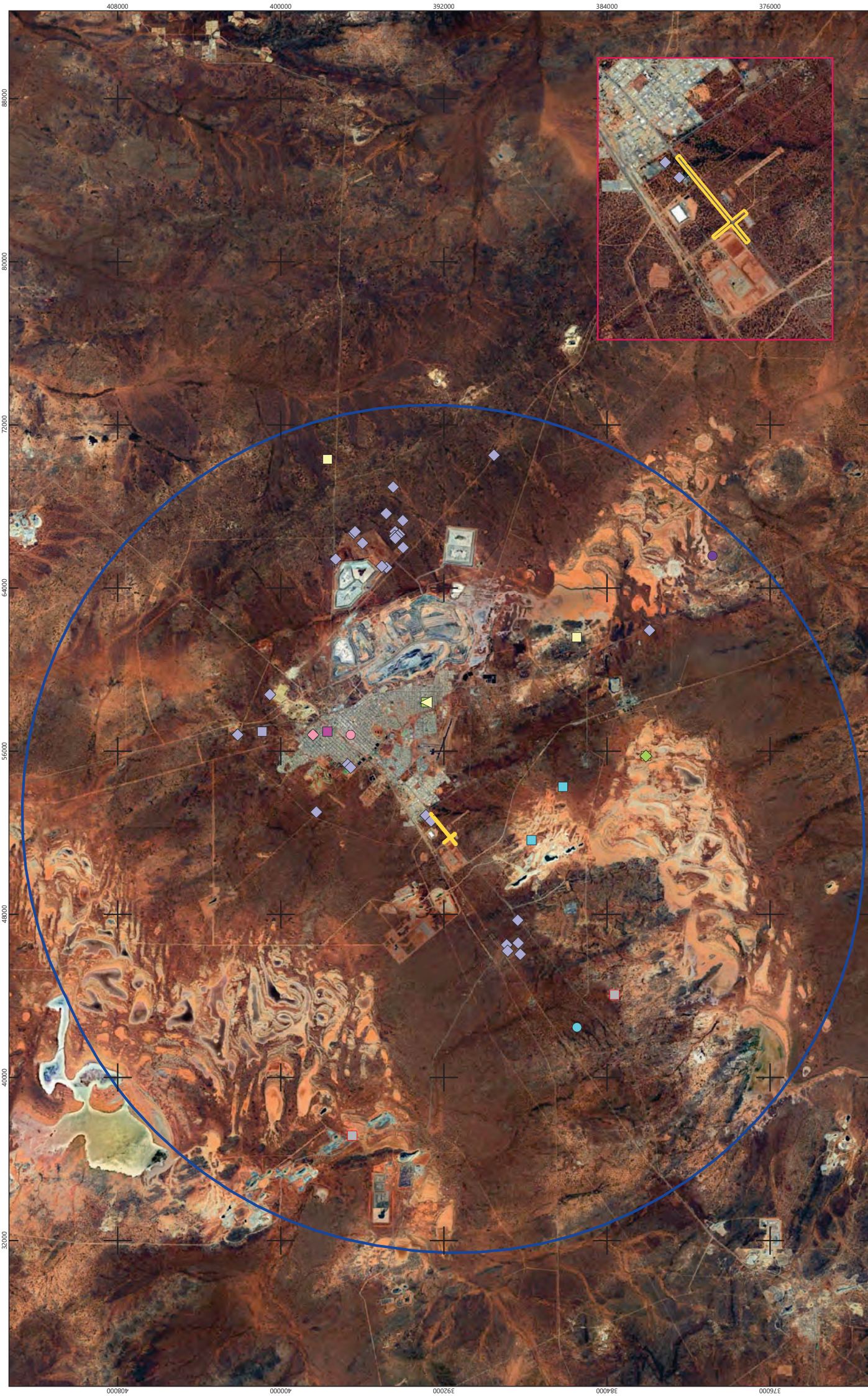
Species identified through the database searches are assessed to determine whether they are 'Likely to occur', 'May occur' or if they are 'Unlikely to occur'. The likelihood of occurrence for each species was determined based on known distribution, current records, preferred habitat and the expected presence of habitat in the development envelope. It was determined that 10 species are 'Unlikely to occur', three species 'May' occur and one species (*Eremophila praecox*, Priority 2) is considered 'Likely to occur' (**Table 8**). *Eremophila praecox* was recorded at two locations within 250 m of the development envelope. No other species of conservation significance have been documented within the development envelope or within a further 3 km.

Table 8 – Conservation Significant Flora with the Potential to Occur within the Development Envelope

Species	EPBC Act Cons. Status	WA Cons. Status	Description	Preferred Habitat	Likelihood of Occurrence	Source
<i>Ptilotus procumbens</i>	-	Priority 1	Spreading procumbent annual herb growing to 0.1 m high. Producing ink-white flowers in November.	Red clay, sandy loam with lateritic gravel. Washaways, gravelly plains and flats.	Unlikely to occur – The closest recorded occurrence is 6 km east of the development envelope within an area now devoid of vegetation. Suitable habitat may occur within the development envelope, however there is limited information known about the species, known from only 5 records.	DBCA, NatureMap
<i>Elachanthus pusillus</i>	-	Priority 2	Ascending or decumbent annual herb growing up to 0.15 m high. Producing yellow to green flowers from August to October.	Plains with iron, quartz or granite stones on red loam and clay soils.	Unlikely to occur – Known from one historic recorded within the study area. Suitable habitat is unlikely to occur.	ALA, DBCA, NatureMap
<i>Eremophila praecox</i>	-	Priority 2	Broom-like shrub growing 1.5 to 3 m high. Produces purple flowers in October or December.	Red/brown sandy loam. Undulating plains.	Likely to occur – Two occurrences recorded within 200 m of the development envelope. Suitable habitat is likely to occur within the survey area.	ALA, DBCA, NatureMap
<i>Goodenia salina</i>	-	Priority 2	Annual herb growing up to 0.2 m high.	Well-drained saline grey or brown loamy clay soils of low gypseous dunes near salt pans.	Unlikely to occur – A population of 45 individuals was recorded in 2016, 11 km south of the development envelope (WAHerb 1998-). The population was recorded on a soil system and pre-European system not present within the survey area. Suitable habitat is unlikely to occur within the survey area.	DBCA, NatureMap
<i>Alyxia tetanifolia</i>	-	Priority 3	Erect, rigid, pungent shrub growing from 1 to 2 m high, to 2.5 m wide. Produces flowers of white-cream from May to June or November.	Sandy clay, loam, concretionary gravel.	Unlikely to occur – Historic records occur 5.7 km south and 3.6 km south (sandy salt lake fringes) of the development envelope, recorded in 1992 and 2011, respectively. Suitable habitat (specific soil types) is unlikely to occur within the development envelope.	DBCA, NatureMap
<i>Gyathostemon vertucosus</i>	-	Priority 3	Low spreading shrub growing up to 0.4 m in height. Leaves blades are 2-4.5 mm long and 0.5-0.7 mm wide with large glands producing a warty or prominently tuberculate surface. Producing white flowers from September to December.	Yellow sand plains of the South-western Interzone of the Coolgardie region.	May occur – Known from historic record 9 km north-east and 76 km south-west of the development envelope, recorded in 1970 and 1966, respectively. Suitable habitat may occur within development envelope.	DBCA, NatureMap

Species	EPBC Act Cons. Status	WA Cons. Status	Description	Preferred Habitat	Likelihood of Occurrence	Source
<i>Isolepis australiensis</i>	-	Priority 3	Annual; grass like herb or sedge growing 0.05 m high. Glumes are 0.8-1.2 mm long with 1 or sometimes 2 stamens and three styles. Nuts with abaxial angle acute. Flowers occur in June or September.	Lake margins and pools on silty sand and sandy clay.	Unlikely to occur – One DBCA record occurs 10 km east of the development envelope, within vegetation associated with Salt Lakes. Suitable habitat is unlikely to occur within the development envelope area.	DBCA, NatureMap
<i>Lepidium fasciculatum</i>	-	Priority 3	Erect annual, herb growing from 0.3 to 0.6 m high. Produces small green flowers from May to December.	Brown cracking clay or red loam.	May occur – Known from historic records found 6.5 km north-east (now cleared) and 67 km north-west of the development envelope, recorded in 1961 and 2011, respectively. Records occurring 67 km found on same land system (Mx43 atlas system) as the development envelope. Suitable habitat may occur within development envelope.	ALA, DBCA, NatureMap
<i>Melaleuca coccinea</i>	-	Priority 3	Much branched shrub growing 1.5 to 2.6 m high, leaf blade elliptic to ovate, 1.5 to 2.2 times as long as wide. Produces red flowers from September to November or January.	Sandy loam over granite. Granite outcrops, sandplain, river valleys.	Unlikely to occur – Known from historic records (1960's) occurring 5.5 km east (now cleared) and 60 km south (salt lake) of the development envelope. The FVC database recorded this species in 2023 (granite outcropping) approximately 100 km east of the development envelope. Suitable habitat unlikely to occur within development envelope.	DBCA, NatureMap
<i>Notisia intonsa</i>	-	Priority 3	Prostrate to ascending annual herb growing from 0.01 to 0.04 m high. Produces yellow-brown flowers from September to October.	Red brown clays and stony saline loams	May occur – Several historic records occur 10 km south-west to 85 km north-west west of the development envelope, recorded between 1958 and 2011. The FVC database recorded this species approximately 55 km north-west in 2023. Suitable habitat may occur within the development envelope.	DBCA, NatureMap
<i>Eremophila caerulea</i> subsp. <i>merrallii</i>	-	Priority 4	Spreading or sprawling shrub growing up to 0.35 m in height and 0.8 m wide. Producing blue to purple flowers from October to December.	Undulating plains on sand, clay or loam soils.	Unlikely to occur – Known from one record within the study area from 1974. Suitable habitat is unlikely to occur within the survey area.	NatureMap
<i>Eucalyptus x brachyphylla</i>	-	Priority 4	Mallee or tree growing to 4 m high, bark rough, flaky. Produces white flowers in June.	Sandy loam. Granite outcrops.	Unlikely to occur – Known from one record within the study area from 1926. Suitable habitat unlikely to occur within the development envelope.	DBCA, NatureMap

Species	EPBC Act Cons. Status	WA Cons. Status	Description	Preferred Habitat	Likelihood of Occurrence	Source
<i>Eucalyptus jutsonii</i> subsp. <i>jutsonii</i>	-	Priority 4	Mallee growing from 4 to 7 m high. Produces cream flowers from November to March.	Red to pale orange deep sands. Undulating areas and on dunes.	Unlikely to occur – Known from one record within the study area from 1970. Suitable habitat unlikely to occur within the development envelope.	DBCA, NatureMap
<i>Frankenia glomerata</i>	-	Priority 4	Low, erect, compact shrub growing to 0.3 m high. Produces pink flowers from October to December.	Clay loam, sand, loam soils. Margins of salt lakes, wetlands, rocky slopes of breakaways.	Unlikely to occur – Two historic records recorded in 1982 and 2011 occur 7 km north-east (now cleared) and 18 km south-east (salt lake), respectively. Suitable habitat unlikely to occur within the development envelope.	ALA, DBCA, NatureMap



- Legend**
- ◻ Study Aea
 - ◻ Development Envelope
 - ▲ Ptilotus procumbens (P1)
 - ◊ Elachanthus pusillus (P2)
 - ◊ Eremophila praecox (P2)
 - ◊ Goodenia salina (P2)
 - ◻ Alyxia tetanifolia (P3)
 - ◻ Cyathostemon verrucosus (P3)
 - ◻ Isolepis australiensis (P3)
 - ◻ Lepidium fasciculatum (P3)
 - ◻ Melaleuca coccinea (P3)
 - ◻ Notisia intonsa (P3)
 - Xanthoparmelia dayiana (P3)
 - Eucalyptus jutsonii subsp. jutsonii (P4)
 - Eucalyptus x brachyphylla (P4)
 - Frankenia glomerata (P4)



Figure 13 - DBCA Recorded Priority Flora

4.8 HISTORIC HERITAGE

No Historic Heritage sites occur within the development envelope. One National Heritage Place and State Heritage Site occurs within 600 m of the development envelope. The Goldfields Water Supply Scheme (Commonwealth Place id 106007, WA 16610), stretches 560 km from Mundaring to the Mount Charlotte Reservoir (DCCEEW 2022b). It was placed on the National Heritage List in 2011 and the State Register in 2022 (**Appendix F**). The Goldfields Water Supply Scheme will not be impacted by the proposal. No City of Kalgoorlie-Boulder Municipal Inventory sites occur within or within close proximity of the development envelope.

4.9 WETLANDS

4.9.1 Ramsar Wetland

Wetlands listed under the Ramsar Convention are wetlands considered to be of international importance. These internationally important (Ramsar) wetlands are those that are representative, rare, or unique wetlands, or are important for conserving biological diversity (DCCEEW 2022c).

No Ramsar Wetlands occur within the development envelope or the study area.

4.9.2 Wetlands

Interrogation of the Directory of Important Wetlands in Australia – Western Australia dataset (DBCA 2018) indicates that no wetlands occur within the development envelope. The closest 'Important wetland' (Rowles Lagoon System) is within the study area, approximately 60 km north-west of the development envelope.

The proposal would not impact the Rowles Lagoon System.

5 CONCLUSION AND RECOMMENDATIONS

The key findings, conclusions and recommendations arising from the desktop ERA are as follows:

- No Threatened flora under the BC Act or under the EPBC Act are known to or expected to occur within or close to the development envelope, or would be impacted by the proposal.
- No DBCA listed Priority flora have been previously recorded or are expected to occur within the development envelope, or are expected to be impacted by the proposal.
- No TECs or PECs have been previously recorded to occur within 37 km of the development envelope or are expected to be impacted by the proposal.
- A Native Vegetation Clearing Permit (NVCP) will be required to enable clearing for the project, given the fact that no exemption applies to the proposed clearing. Consultation with DWER on the matter is recommended.
- No fauna species of conservation significance, nor their habitats are known to or expected to occur within or close to the development envelope, or would be impacted by the proposal.
- It is unlikely for Acid Sulfate Soils to be impacted by the proposal.
- There are no records of ACH sites, contaminated sites, Historic Heritage or important wetlands occurring within or close to the development envelope, and no such matter would be impacted by the proposal or require further consideration.

The following further studies and actions are recommended to assist in environmental assessment and/or management of the project impacts:

- targeted flora survey
- consultation with DPLH to determine if a survey for Aboriginal Cultural Heritage is required
- submission of an application for a NVCP under Part V of the *Environmental Protection Act 1986*.

Due to the low level of overall environmental impact the project does not warrant referral under either Part IV of the *Environmental Protection Act 1986* or the *Environment Protection and Biodiversity Conservation Act 1999*.

6 REFERENCES

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CSS ID	Plan Lot No.	Reg No.	Classification
20516	LOT 322 ON PLAN 55267	LR3151/357	Remediated for restricted use
20517	LOT 323 ON PLAN 55267	2678/644	Remediated for restricted use
20518	LOT 324 ON PLAN 55267	2678/645	Remediated for restricted use
20519	LOT 325 ON PLAN 55267	2678/646	Remediated for restricted use
20520	LOT 327 ON PLAN 55267	2678/647	Remediated for restricted use
20521	LOT 328 ON PLAN 55267	2678/648	Remediated for restricted use
20522	LOT 329 ON PLAN 55268	2678/651	Remediated for restricted use
20523	LOT 330 ON PLAN 55268	2678/652	Remediated for restricted use
20524	LOT 331 ON PLAN 55268	2678/653	Remediated for restricted use
20525	LOT 337 ON PLAN 55268	2678/654	Remediated for restricted use
20526	LOT 338 ON PLAN 55268	2678/655	Remediated for restricted use
20527	LOT 339 ON PLAN 55267	2678/649	Remediated for restricted use
20530			Remediated for restricted use
20531			Remediated for restricted use
20532			Remediated for restricted use
22002	LOT 46 ON PLAN 223112	1108/111	Remediated for restricted use
22003	LOT 47 ON PLAN 223112	1108/111	Remediated for restricted use
28380	LOT 340 ON PLAN 55269	2696/126	Remediated for restricted use
28381	LOT 341 ON PLAN 55269	2696/127	Remediated for restricted use
28382	LOT 316 ON PLAN 55269	2696/125	Remediated for restricted use
28383	LOT 315 ON PLAN 55269	2696/124	Remediated for restricted use
28384	LOT 314 ON PLAN 55269	2696/123	Remediated for restricted use
42985			Remediated for restricted use
42986			Remediated for restricted use
47161	LOT 4863 ON PLAN 190199	2686/451	Remediated for restricted use
49709			Remediated for restricted use
63372	LOT 64 ON PLAN 223112	1893/393	Remediated for restricted use
63536	LOT 4007 ON PLAN 31782	LR3123/779	Remediated for restricted use
63576	LOT 500 ON PLAN 58165	LR3154/316	Remediated for restricted use
63578	LOT 502 ON PLAN 58165	LR3154/318	Remediated for restricted use
63579	LOT 510 ON PLAN 69628	LR3162/7	Remediated for restricted use
65729	Lot 570 on Deposited Plan 70939 as shown as Subject M on Deposited Plan 408382		Remediated for restricted use
68407	LOT 2 ON DIAGRAM 21846	1204/603	Contaminated - restricted use
74793	LOT 300 ON PLAN 21168	2064/284	Remediated for restricted use
78622	LOT 515 ON DEPOSITED PLAN 411412	LR3170/400	Contaminated - remediation required
78632	LOT 513 ON DEPOSITED PLAN 411412	LR3170/398	Contaminated - remediation required
78633	LOT 514 ON DEPOSITED PLAN 411412	LR3170/399	Contaminated - remediation required
79968	LOT 32 ON DEPOSITED PLAN 68638	2775/950	Remediated for restricted use

APPENDIX C – BASIC SUMMARY OF RECORDS (CONTAMINATED SITES)



Contaminated Sites Act 2003 Basic Summary of Records Search Response

Report generated at 02:10:12PM, 11/03/2024

Receipt No:

ID No: 15029

Search Results

This response relates to a search request received for:

Road Reserve
West Kalgoorlie, WA, 6430

This parcel belongs to a site that contains 50 parcel(s).

According to Department of Water and Environmental Regulation records, this land has been reported as a known or suspected contaminated site.

Address	Road Reserve West Kalgoorlie, WA, 6430
Lot on Plan Address	Road Reserve
Parcel Status	<p>Classification: 31/10/2008 - <i>Remediated for restricted use</i></p> <p>Nature and Extent of Contamination:</p> <p>Heavy metals remain in soil at the Site.</p> <p>Restrictions on Use:</p> <p>The land use of the Site is restricted to commercial/industrial use which excludes childcare centres, kindergartens, pre-schools and primary schools and should not be developed for a more sensitive use such as recreational open space; residential use or childcare centres.</p> <p>Reason for Classification:</p> <p>This Site was reported to the Department of Environment and Conservation (DEC) prior to the commencement of the 'Contaminated Sites Act 2003'. The Site classification is based on information submitted to the Department by November 2004.</p> <p>The Site was reported because it had been impacted by illegal dumping of asbestos containing material (such as fibre cement sheeting) and hard rubbish (such as domestic waste, car bodies, drums, workshop type waste, oil filters and solvent containers). Site investigations were undertaken to determine the extent and type of contamination present.</p> <p>The investigation found that asbestos containing material (ACM) was present in the soil. Metals (such as total chromium and nickel) were also present in soils at concentrations exceeding Ecological Investigation Levels (EILs), as published in 'Assessment Levels for Soil, Sediment and Water' (Department of Environment, 2003).</p> <p>Remedial works comprising excavation and off-Site disposal have been carried out on the soils of the Site, and all identified ACM impacted soils have been successfully remediated to a level suitable for commercial/industrial land use.</p> <p>The groundwater is unlikely to be affected as no groundwater was encountered during excavation</p>

Disclaimer

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Contaminated Sites Act 2003 **Basic Summary of Records Search Response**

Report generated at 02:10:13PM, 11/03/2024

and all hard rubbish and asbestos containing material was found on the Site's ground surface. No groundwater investigation has been undertaken.

Based on the information provided, the Site appears suitable for commercial/industrial use, but may not be suitable for more sensitive land uses (such as residential housing, child care centres).

As the Site is contaminated and has been remediated such that is suitable for commercial/industrial land use, but may not be suitable for a more sensitive land use, the Site is classified as 'Remediated for restricted use'.

A memorial stating the Site's classification has been placed on the Certificate of Title, and will notify any prospective owners of the contamination status of the Site.

DEC, in consultation with Department of Health, has classified this Site based on the information available to DEC at the time of classification. It is acknowledged that the contamination status of the Site may have changed since the information was collated and/or submitted to DEC, and as such, the usefulness of this information may be limited.

In accordance with Department of Health advice, if groundwater is being or is proposed to be abstracted, DEC recommends that analytical testing should be carried out to determine whether the groundwater is suitable for its intended use.

Certificate of Title Memorial

Under the Contaminated Sites Act 2003, this Site has been classified as "Remediated for restricted use". For further information on the contamination status of this Site, please contact the Contaminated Sites section of the Department of Environment & Conservation.

Current Regulatory Notice Issued

Type of Regulatory Notice: *Nil*
Date Issued: *Nil*

General

No other information relating to this parcel.

Disclaimer

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Contaminated Sites Act 2003 Basic Summary of Records Search Response

Report generated at 02:12:20PM, 11/03/2024

Receipt No:

ID No: 15030

Search Results

This response relates to a search request received for:

1 Yulpari Rd
West Kalgoorlie, WA, 6430

This parcel belongs to a site that contains 50 parcel(s).

According to Department of Water and Environmental Regulation records, this land has been reported as a known or suspected contaminated site.

Address	1 Yulpari Rd West Kalgoorlie, WA, 6430
Lot on Plan Address	Lot 11 On Plan 50429
Parcel Status	<p>Classification: 31/10/2008 - <i>Remediated for restricted use</i></p> <p>Nature and Extent of Contamination:</p> <p>Heavy metals remain in soil at the Site.</p> <p>Restrictions on Use:</p> <p>The land use of the Site is restricted to commercial/industrial use which excludes childcare centres, kindergartens, pre-schools and primary schools and should not be developed for a more sensitive use such as recreational open space; residential use or childcare centres.</p> <p>Reason for Classification:</p> <p>This Site was reported to the Department of Environment and Conservation (DEC) prior to the commencement of the 'Contaminated Sites Act 2003'. The Site classification is based on information submitted to the Department by November 2004.</p> <p>The Site was reported because it had been impacted by illegal dumping of asbestos containing material (such as fibre cement sheeting) and hard rubbish (such as domestic waste, car bodies, drums, workshop type waste, oil filters and solvent containers). Site investigations were undertaken to determine the extent and type of contamination present.</p> <p>The investigation found that asbestos containing material (ACM) was present in the soil. Metals (such as total chromium and nickel) were also present in soils at concentrations exceeding Ecological Investigation Levels (EILs), as published in 'Assessment Levels for Soil, Sediment and Water' (Department of Environment, 2003).</p> <p>Remedial works comprising excavation and off-Site disposal have been carried out on the soils of the Site, and all identified ACM impacted soils have been successfully remediated to a level suitable for commercial/industrial land use.</p> <p>The groundwater is unlikely to be affected as no groundwater was encountered during excavation</p>

Disclaimer

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Contaminated Sites Act 2003 **Basic Summary of Records Search Response**

Report generated at 02:12:20PM, 11/03/2024

and all hard rubbish and asbestos containing material was found on the Site's ground surface. No groundwater investigation has been undertaken.

Based on the information provided, the Site appears suitable for commercial/industrial use, but may not be suitable for more sensitive land uses (such as residential housing, child care centres).

As the Site is contaminated and has been remediated such that is suitable for commercial/industrial land use, but may not be suitable for a more sensitive land use, the Site is classified as 'Remediated for restricted use'.

A memorial stating the Site's classification has been placed on the Certificate of Title, and will notify any prospective owners of the contamination status of the Site.

DEC, in consultation with Department of Health, has classified this Site based on the information available to DEC at the time of classification. It is acknowledged that the contamination status of the Site may have changed since the information was collated and/or submitted to DEC, and as such, the usefulness of this information may be limited.

In accordance with Department of Health advice, if groundwater is being or is proposed to be abstracted, DEC recommends that analytical testing should be carried out to determine whether the groundwater is suitable for its intended use.

Certificate of Title Memorial

Under the Contaminated Sites Act 2003, this Site has been classified as "Remediated for restricted use". For further information on the contamination status of this Site, please contact the Contaminated Sites section of the Department of Environment & Conservation.

Current Regulatory Notice Issued

Type of Regulatory Notice: *Nil*
Date Issued: *Nil*

General

No other information relating to this parcel.

Disclaimer

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Contaminated Sites Act 2003 Basic Summary of Records Search Response

Report generated at 02:14:35PM, 11/03/2024

Receipt No:

ID No: 15031

Search Results

This response relates to a search request received for:

19 Yulpari Rd
West Kalgoorlie, WA, 6430

This parcel belongs to a site that contains 50 parcel(s).

According to Department of Water and Environmental Regulation records, this land has been reported as a known or suspected contaminated site.

Address	19 Yulpari Rd West Kalgoorlie, WA, 6430
Lot on Plan Address	Lot 313 On Plan 47356
Parcel Status	<p>Classification: 31/10/2008 - Remediated for restricted use</p> <p>Nature and Extent of Contamination:</p> <p>Heavy metals remain in soil at the Site.</p> <p>Restrictions on Use:</p> <p>The land use of the Site is restricted to commercial/industrial use which excludes childcare centres, kindergartens, pre-schools and primary schools and should not be developed for a more sensitive use such as recreational open space; residential use or childcare centres.</p> <p>Reason for Classification:</p> <p>This Site was reported to the Department of Environment and Conservation (DEC) prior to the commencement of the 'Contaminated Sites Act 2003'. The Site classification is based on information submitted to the Department by November 2004.</p> <p>The Site was reported because it had been impacted by illegal dumping of asbestos containing material (such as fibre cement sheeting) and hard rubbish (such as domestic waste, car bodies, drums, workshop type waste, oil filters and solvent containers). Site investigations were undertaken to determine the extent and type of contamination present.</p> <p>The investigation found that asbestos containing material (ACM) was present in the soil. Metals (such as total chromium and nickel) were also present in soils at concentrations exceeding Ecological Investigation Levels (EILs), as published in 'Assessment Levels for Soil, Sediment and Water' (Department of Environment, 2003).</p> <p>Remedial works comprising excavation and off-Site disposal have been carried out on the soils of the Site, and all identified ACM impacted soils have been successfully remediated to a level suitable for commercial/industrial land use.</p> <p>The groundwater is unlikely to be affected as no groundwater was encountered during excavation</p>

Disclaimer

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Contaminated Sites Act 2003 Basic Summary of Records Search Response

Report generated at 02:14:35PM, 11/03/2024

and all hard rubbish and asbestos containing material was found on the Site's ground surface. No groundwater investigation has been undertaken.

Based on the information provided, the Site appears suitable for commercial/industrial use, but may not be suitable for more sensitive land uses (such as residential housing, child care centres).

As the Site is contaminated and has been remediated such that is suitable for commercial/industrial land use, but may not be suitable for a more sensitive land use, the Site is classified as 'Remediated for restricted use'.

A memorial stating the Site's classification has been placed on the Certificate of Title, and will notify any prospective owners of the contamination status of the Site.

DEC, in consultation with Department of Health, has classified this Site based on the information available to DEC at the time of classification. It is acknowledged that the contamination status of the Site may have changed since the information was collated and/or submitted to DEC, and as such, the usefulness of this information may be limited.

In accordance with Department of Health advice, if groundwater is being or is proposed to be abstracted, DEC recommends that analytical testing should be carried out to determine whether the groundwater is suitable for its intended use.

Certificate of Title Memorial

Under the Contaminated Sites Act 2003, this Site has been classified as "Remediated for restricted use". For further information on the contamination status of this Site, please contact the Contaminated Sites section of the Department of Environment & Conservation.

Current Regulatory Notice Issued

Type of Regulatory Notice: Nil
Date Issued: Nil

General

No other information relating to this parcel.

Disclaimer

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Contaminated Sites Act 2003

Basic Summary of Records Search Response

Report generated at 02:18:24PM, 11/03/2024

Receipt No:

ID No: 0511

Search Results

This response relates to a search request received for:

9 Kayili Rd
West Kalgoorlie, WA, 6430

This parcel belongs to a site that contains 50 parcel(s).

According to Department of Water and Environmental Regulation records, this land has been reported as a known or suspected contaminated site.

Address	9 Kayili Rd West Kalgoorlie, WA, 6430
Lot on Plan Address	Lot 317 On Plan 55267
Parcel Status	<p>Classification: 31/10/2008 - Remediated for restricted use</p> <p>Nature and Extent of Contamination:</p> <p>Heavy metals remain in soil at the Site.</p> <p>Restrictions on Use:</p> <p>The land use of the Site is restricted to commercial/industrial use which excludes childcare centres, kindergartens, pre-schools and primary schools and should not be developed for a more sensitive use such as recreational open space; residential use or childcare centres.</p> <p>Reason for Classification:</p> <p>This Site was reported to the Department of Environment and Conservation (DEC) prior to the commencement of the 'Contaminated Sites Act 2003'. The Site classification is based on information submitted to the Department by November 2004.</p> <p>The Site was reported because it had been impacted by illegal dumping of asbestos containing material (such as fibre cement sheeting) and hard rubbish (such as domestic waste, car bodies, drums, workshop type waste, oil filters and solvent containers). Site investigations were undertaken to determine the extent and type of contamination present.</p> <p>The investigation found that asbestos containing material (ACM) was present in the soil. Metals (such as total chromium and nickel) were also present in soils at concentrations exceeding Ecological Investigation Levels (EILs), as published in 'Assessment Levels for Soil, Sediment and Water' (Department of Environment, 2003).</p> <p>Remedial works comprising excavation and off-Site disposal have been carried out on the soils of the Site, and all identified ACM impacted soils have been successfully remediated to a level suitable for commercial/industrial land use.</p> <p>The groundwater is unlikely to be affected as no groundwater was encountered during excavation</p>

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Contaminated Sites Act 2003 Basic Summary of Records Search Response

Report generated at 02:18:24PM, 11/03/2024

and all hard rubbish and asbestos containing material was found on the Site's ground surface. No groundwater investigation has been undertaken.

Based on the information provided, the Site appears suitable for commercial/industrial use, but may not be suitable for more sensitive land uses (such as residential housing, child care centres).

As the Site is contaminated and has been remediated such that is suitable for commercial/industrial land use, but may not be suitable for a more sensitive land use, the Site is classified as 'Remediated for restricted use'.

A memorial stating the Site's classification has been placed on the Certificate of Title, and will notify any prospective owners of the contamination status of the Site.

DEC, in consultation with Department of Health, has classified this Site based on the information available to DEC at the time of classification. It is acknowledged that the contamination status of the Site may have changed since the information was collated and/or submitted to DEC, and as such, the usefulness of this information may be limited.

In accordance with Department of Health advice, if groundwater is being or is proposed to be abstracted, DEC recommends that analytical testing should be carried out to determine whether the groundwater is suitable for its intended use.

Certificate of Title Memorial

Under the Contaminated Sites Act 2003, this Site has been classified as "Remediated for restricted use". For further information on the contamination status of this Site, please contact the Contaminated Sites section of the Department of Environment & Conservation.

Current Regulatory Notice Issued

Type of Regulatory Notice: Nil

Date Issued: Nil

General

No other information relating to this parcel.

Disclaimer

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Contaminated Sites Act 2003

Basic Summary of Records Search Response

Report generated at 02:19:04PM, 11/03/2024

Receipt No:

ID No: 0531

Search Results

This response relates to a search request received for:

Road Reserve
West Kalgoorlie, WA, 6430

This parcel belongs to a site that contains 50 parcel(s).

According to Department of Water and Environmental Regulation records, this land has been reported as a known or suspected contaminated site.

Address	Road Reserve West Kalgoorlie, WA, 6430
Lot on Plan Address	Road Reserve
Parcel Status	<p>Classification: 31/10/2008 - Remediated for restricted use</p> <p>Nature and Extent of Contamination:</p> <p>Heavy metals remain in soil at the Site.</p> <p>Restrictions on Use:</p> <p>The land use of the Site is restricted to commercial/industrial use which excludes childcare centres, kindergartens, pre-schools and primary schools and should not be developed for a more sensitive use such as recreational open space; residential use or childcare centres.</p> <p>Reason for Classification:</p> <p>This Site was reported to the Department of Environment and Conservation (DEC) prior to the commencement of the 'Contaminated Sites Act 2003'. The Site classification is based on information submitted to the Department by November 2004.</p> <p>The Site was reported because it had been impacted by illegal dumping of asbestos containing material (such as fibre cement sheeting) and hard rubbish (such as domestic waste, car bodies, drums, workshop type waste, oil filters and solvent containers). Site investigations were undertaken to determine the extent and type of contamination present.</p> <p>The investigation found that asbestos containing material (ACM) was present in the soil. Metals (such as total chromium and nickel) were also present in soils at concentrations exceeding Ecological Investigation Levels (EILs), as published in 'Assessment Levels for Soil, Sediment and Water' (Department of Environment, 2003).</p> <p>Remedial works comprising excavation and off-Site disposal have been carried out on the soils of the Site, and all identified ACM impacted soils have been successfully remediated to a level suitable for commercial/industrial land use.</p> <p>The groundwater is unlikely to be affected as no groundwater was encountered during excavation</p>

Disclaimer

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Contaminated Sites Act 2003

Basic Summary of Records Search Response

Report generated at 02:19:04PM, 11/03/2024

and all hard rubbish and asbestos containing material was found on the Site's ground surface. No groundwater investigation has been undertaken.

Based on the information provided, the Site appears suitable for commercial/industrial use, but may not be suitable for more sensitive land uses (such as residential housing, child care centres).

As the Site is contaminated and has been remediated such that is suitable for commercial/industrial land use, but may not be suitable for a more sensitive land use, the Site is classified as 'Remediated for restricted use'.

A memorial stating the Site's classification has been placed on the Certificate of Title, and will notify any prospective owners of the contamination status of the Site.

DEC, in consultation with Department of Health, has classified this Site based on the information available to DEC at the time of classification. It is acknowledged that the contamination status of the Site may have changed since the information was collated and/or submitted to DEC, and as such, the usefulness of this information may be limited.

In accordance with Department of Health advice, if groundwater is being or is proposed to be abstracted, DEC recommends that analytical testing should be carried out to determine whether the groundwater is suitable for its intended use.

Certificate of Title Memorial	Under the Contaminated Sites Act 2003, this Site has been classified as "Remediated for restricted use". For further information on the contamination status of this Site, please contact the Contaminated Sites section of the Department of Environment & Conservation.
Current Regulatory Notice Issued	Type of Regulatory Notice: Nil Date Issued: Nil
General	No other information relating to this parcel.

Disclaimer

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Contaminated Sites Act 2003

Basic Summary of Records Search Response

Report generated at 02:16:24PM, 11/03/2024

Receipt No:

ID No: 053

Search Results

This response relates to a search request received for:

Road Reserve
West Kalgoorlie, WA, 6430

This parcel belongs to a site that contains 50 parcel(s).

According to Department of Water and Environmental Regulation records, this land has been reported as a known or suspected contaminated site.

Address	Road Reserve West Kalgoorlie, WA, 6430
Lot on Plan Address	Road Reserve
Parcel Status	<p>Classification: 31/10/2008 - Remediated for restricted use</p> <p>Nature and Extent of Contamination:</p> <p>Heavy metals remain in soil at the Site.</p> <p>Restrictions on Use:</p> <p>The land use of the Site is restricted to commercial/industrial use which excludes childcare centres, kindergartens, pre-schools and primary schools and should not be developed for a more sensitive use such as recreational open space; residential use or childcare centres.</p> <p>Reason for Classification:</p> <p>This Site was reported to the Department of Environment and Conservation (DEC) prior to the commencement of the 'Contaminated Sites Act 2003'. The Site classification is based on information submitted to the Department by November 2004.</p> <p>The Site was reported because it had been impacted by illegal dumping of asbestos containing material (such as fibre cement sheeting) and hard rubbish (such as domestic waste, car bodies, drums, workshop type waste, oil filters and solvent containers). Site investigations were undertaken to determine the extent and type of contamination present.</p> <p>The investigation found that asbestos containing material (ACM) was present in the soil. Metals (such as total chromium and nickel) were also present in soils at concentrations exceeding Ecological Investigation Levels (EILs), as published in 'Assessment Levels for Soil, Sediment and Water' (Department of Environment, 2003).</p> <p>Remedial works comprising excavation and off-Site disposal have been carried out on the soils of the Site, and all identified ACM impacted soils have been successfully remediated to a level suitable for commercial/industrial land use.</p> <p>The groundwater is unlikely to be affected as no groundwater was encountered during excavation</p>

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Contaminated Sites Act 2003 Basic Summary of Records Search Response

Report generated at 02:16:24PM, 11/03/2024

and all hard rubbish and asbestos containing material was found on the Site's ground surface. No groundwater investigation has been undertaken.

Based on the information provided, the Site appears suitable for commercial/industrial use, but may not be suitable for more sensitive land uses (such as residential housing, child care centres).

As the Site is contaminated and has been remediated such that is suitable for commercial/industrial land use, but may not be suitable for a more sensitive land use, the Site is classified as 'Remediated for restricted use'.

A memorial stating the Site's classification has been placed on the Certificate of Title, and will notify any prospective owners of the contamination status of the Site.

DEC, in consultation with Department of Health, has classified this Site based on the information available to DEC at the time of classification. It is acknowledged that the contamination status of the Site may have changed since the information was collated and/or submitted to DEC, and as such, the usefulness of this information may be limited.

In accordance with Department of Health advice, if groundwater is being or is proposed to be abstracted, DEC recommends that analytical testing should be carried out to determine whether the groundwater is suitable for its intended use.

Certificate of Title Memorial

Under the Contaminated Sites Act 2003, this Site has been classified as "Remediated for restricted use". For further information on the contamination status of this Site, please contact the Contaminated Sites section of the Department of Environment & Conservation.

Current Regulatory Notice Issued

Type of Regulatory Notice: Nil
Date Issued: Nil

General

No other information relating to this parcel.

Disclaimer

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Contaminated Sites Act 2003 Basic Summary of Records Search Response

Report generated at 02:17:35PM, 11/03/2024

<i>Receipt No:</i>

<i>ID No:</i>	3
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Search Results

This response relates to a search request received for:

29 Kayili Rd
West Kalgoorlie, WA, 6430

This parcel belongs to a site that contains 50 parcel(s).

According to Department of Water and Environmental Regulation records, this land has been reported as a known or suspected contaminated site.

Address	29 Kayili Rd West Kalgoorlie, WA, 6430
Lot on Plan Address	Lot 316 On Plan 55269
Parcel Status	<p>Classification: 31/10/2008 - <i>Remediated for restricted use</i></p> <p>Nature and Extent of Contamination:</p> <p>Heavy metals remain in soil at the Site.</p> <p>Restrictions on Use:</p> <p>The land use of the Site is restricted to commercial/industrial use which excludes childcare centres, kindergartens, pre-schools and primary schools and should not be developed for a more sensitive use such as recreational open space; residential use or childcare centres.</p> <p>Reason for Classification:</p> <p>This Site was reported to the Department of Environment and Conservation (DEC) prior to the commencement of the 'Contaminated Sites Act 2003'. The Site classification is based on information submitted to the Department by November 2004.</p> <p>The Site was reported because it had been impacted by illegal dumping of asbestos containing material (such as fibre cement sheeting) and hard rubbish (such as domestic waste, car bodies, drums, workshop type waste, oil filters and solvent containers). Site investigations were undertaken to determine the extent and type of contamination present.</p> <p>The investigation found that asbestos containing material (ACM) was present in the soil. Metals (such as total chromium and nickel) were also present in soils at concentrations exceeding Ecological Investigation Levels (EILs), as published in 'Assessment Levels for Soil, Sediment and Water' (Department of Environment, 2003).</p> <p>Remedial works comprising excavation and off-Site disposal have been carried out on the soils of the Site, and all identified ACM impacted soils have been successfully remediated to a level suitable for commercial/industrial land use.</p>

Disclaimer

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Contaminated Sites Act 2003 **Basic Summary of Records Search Response**

Report generated at 02:17:35PM, 11/03/2024

The groundwater is unlikely to be affected as no groundwater was encountered during excavation and all hard rubbish and asbestos containing material was found on the Site's ground surface. No groundwater investigation has been undertaken.

Based on the information provided, the Site appears suitable for commercial/industrial use, but may not be suitable for more sensitive land uses (such as residential housing, child care centres).

As the Site is contaminated and has been remediated such that is suitable for commercial/industrial land use, but may not be suitable for a more sensitive land use, the Site is classified as 'Remediated for restricted use'.

A memorial stating the Site's classification has been placed on the Certificate of Title, and will notify any prospective owners of the contamination status of the Site.

DEC, in consultation with Department of Health, has classified this Site based on the information available to DEC at the time of classification. It is acknowledged that the contamination status of the Site may have changed since the information was collated and/or submitted to DEC, and as such, the usefulness of this information may be limited.

In accordance with Department of Health advice, if groundwater is being or is proposed to be abstracted, DEC recommends that analytical testing should be carried out to determine whether the groundwater is suitable for its intended use.

Certificate of Title Memorial

Under the Contaminated Sites Act 2003, this Site has been classified as "Remediated for restricted use". For further information on the contamination status of this Site, please contact the Contaminated Sites section of the Department of Environment & Conservation.

Current Regulatory Notice Issued

Type of Regulatory Notice: *Nil*
Date Issued: *Nil*

General

No other information relating to this parcel.

Disclaimer

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Contaminated Sites Act 2003 Basic Summary of Records Search Response

Report generated at 02:17:01PM, 11/03/2024

Receipt No:

ID No: 3 3

Search Results

This response relates to a search request received for:

41 Kayili Rd
West Kalgoorlie, WA, 6430

This parcel belongs to a site that contains 50 parcel(s).

According to Department of Water and Environmental Regulation records, this land has been reported as a known or suspected contaminated site.

Address	41 Kayili Rd West Kalgoorlie, WA, 6430
Lot on Plan Address	Lot 315 On Plan 55269
Parcel Status	<p>Classification: 31/10/2008 - Remediated for restricted use</p> <p>Nature and Extent of Contamination: Heavy metals remain in soil at the Site.</p> <p>Restrictions on Use: The land use of the Site is restricted to commercial/industrial use which excludes childcare centres, kindergartens, pre-schools and primary schools and should not be developed for a more sensitive use such as recreational open space; residential use or childcare centres.</p> <p>Reason for Classification: This Site was reported to the Department of Environment and Conservation (DEC) prior to the commencement of the 'Contaminated Sites Act 2003'. The Site classification is based on information submitted to the Department by November 2004.</p> <p>The Site was reported because it had been impacted by illegal dumping of asbestos containing material (such as fibre cement sheeting) and hard rubbish (such as domestic waste, car bodies, drums, workshop type waste, oil filters and solvent containers). Site investigations were undertaken to determine the extent and type of contamination present.</p> <p>The investigation found that asbestos containing material (ACM) was present in the soil. Metals (such as total chromium and nickel) were also present in soils at concentrations exceeding Ecological Investigation Levels (EILs), as published in 'Assessment Levels for Soil, Sediment and Water' (Department of Environment, 2003).</p> <p>Remedial works comprising excavation and off-Site disposal have been carried out on the soils of the Site, and all identified ACM impacted soils have been successfully remediated to a level suitable for commercial/industrial land use.</p>

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Contaminated Sites Act 2003 Basic Summary of Records Search Response

Report generated at 02:17:01PM, 11/03/2024

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In accordance with Department of Health advice, if groundwater is being or is proposed to be abstracted, DEC recommends that analytical testing should be carried out to determine whether the groundwater is suitable for its intended use.

Certificate of Title Memorial

Under the Contaminated Sites Act 2003, this Site has been classified as "Remediated for restricted use". For further information on the contamination status of this Site, please contact the Contaminated Sites section of the Department of Environment & Conservation.

Current Regulatory Notice Issued

Type of Regulatory Notice: Nil
Date Issued: Nil

General

No other information relating to this parcel.

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Contaminated Sites Act 2003 Basic Summary of Records Search Response

Report generated at 02:15:41PM, 11/03/2024

Receipt No:

ID No: 3

Search Results

This response relates to a search request received for:

53 Kayili Rd
West Kalgoorlie, WA, 6430

This parcel belongs to a site that contains 50 parcel(s).

According to Department of Water and Environmental Regulation records, this land has been reported as a known or suspected contaminated site.

Address	53 Kayili Rd West Kalgoorlie, WA, 6430
Lot on Plan Address	Lot 314 On Plan 55269
Parcel Status	<p>Classification: 31/10/2008 - Remediated for restricted use</p> <p>Nature and Extent of Contamination: Heavy metals remain in soil at the Site.</p> <p>Restrictions on Use: The land use of the Site is restricted to commercial/industrial use which excludes childcare centres, kindergartens, pre-schools and primary schools and should not be developed for a more sensitive use such as recreational open space; residential use or childcare centres.</p> <p>Reason for Classification: This Site was reported to the Department of Environment and Conservation (DEC) prior to the commencement of the 'Contaminated Sites Act 2003'. The Site classification is based on information submitted to the Department by November 2004.</p> <p>The Site was reported because it had been impacted by illegal dumping of asbestos containing material (such as fibre cement sheeting) and hard rubbish (such as domestic waste, car bodies, drums, workshop type waste, oil filters and solvent containers). Site investigations were undertaken to determine the extent and type of contamination present.</p> <p>The investigation found that asbestos containing material (ACM) was present in the soil. Metals (such as total chromium and nickel) were also present in soils at concentrations exceeding Ecological Investigation Levels (EILs), as published in 'Assessment Levels for Soil, Sediment and Water' (Department of Environment, 2003).</p> <p>Remedial works comprising excavation and off-Site disposal have been carried out on the soils of the Site, and all identified ACM impacted soils have been successfully remediated to a level suitable for commercial/industrial land use.</p>

Disclaimer

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Contaminated Sites Act 2003 Basic Summary of Records Search Response

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Certificate of Title Memorial

Under the Contaminated Sites Act 2003, this Site has been classified as "Remediated for restricted use". For further information on the contamination status of this Site, please contact the Contaminated Sites section of the Department of Environment & Conservation.

Current Regulatory Notice Issued

Type of Regulatory Notice: Nil
Date Issued: Nil

General

No other information relating to this parcel.

Disclaimer

This Summary of Records has been prepared by Department of Water and Environmental Regulation (DWER) as a requirement of the Contaminated Sites Act 2003. DWER makes every effort to ensure the accuracy, currency and reliability of this information at the time it was prepared, however advises that due to the ability of contamination to potentially change in nature and extent over time, circumstances may have changed since the information was originally provided. Users must exercise their own skill and care when interpreting the information contained within this Summary of Records and, where applicable, obtain independent professional advice appropriate to their circumstances. In no event will DWER, its agents or employees be held responsible for any loss or damage arising from any use of or reliance on this information. Additionally, the Summary of Records must not be reproduced or supplied to third parties except in full and unabridged form.

APPENDIX D – EPBC PROTECTED MATTERS SEARCH REPORT



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: 30-Aug-2023

[Summary](#)

[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:	1
Wetlands of International Importance (Ramsar)	None
Great Barrier Reef Marine Park:	None
Commonwealth Marine Area:	None
Listed Threatened Ecological Communities:	None
Listed Threatened Species:	7
Listed Migratory Species:	7

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 environment anywhere.

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 <https://www.dcceew.gov.au/parks-heritage/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:	78
Commonwealth Heritage Places:	None
Listed Marine Species:	11
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:	3
Regional Forest Agreements:	None
Nationally Important Wetlands:	None
EPBC Act Referrals:	6
Key Ecological Features (Marine):	None
Biologically Important Areas:	None
Bioregional Assessments:	None
Geological and Bioregional Assessments:	None

Details

Matters of National Environmental Significance

National Heritage Places [\[Resource Information \]](#)

Name	State	Legal Status	Buffer Status
Historic			
Goldfields Water Supply Scheme, Western Australia	WA	Listed place	In feature area

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			

Aphelocephala leucopsis Southern Whiteface [529]	Vulnerable	Species or species habitat known to occur within area	In feature area
Calidris ferruginea Curlew Sandpiper [856]	Critically Endangered	Species or species habitat likely to occur within area	In feature area
Falco hypoleucos Grey Falcon [929]	Vulnerable	Species or species habitat may occur within area	In feature area
Leipoa ocellata Malleefowl [934]	Vulnerable	Species or species habitat likely to occur within area	In feature area
Pezoporus occidentalis Night Parrot [59350]	Endangered	Species or species habitat may occur within area	In buffer area only

INSECT

Ogyris subterrestris petrina Arid Bronze Azure [77743]	Critically Endangered	Species or species habitat may occur within area	In buffer area only
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MAMMAL

Scientific Name	Threatened Category	Presence Text	Buffer Status
Dasyurus geoffroii Chuditch, Western Quoll [330]	Vulnerable	Species or species habitat may 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

Motacilla cinerea Grey Wagtail [642]		Species or species habitat may occur within area	In feature area
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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 likely to occur within area	In feature area
Calidris melanotos Pectoral Sandpiper [858]		Species or species habitat may occur within area	In feature area
Tringa nebularia Common Greenshank, Greenshank [832]		Species or species habitat likely to occur within area	In buffer area only

Other Matters Protected by the EPBC Act

Commonwealth Lands [\[Resource Information \]](#)

The Commonwealth area listed below may indicate the presence of Commonwealth land in this vicinity. Due to the unreliability of the data source, all proposals should be checked as to whether it impacts on a Commonwealth area, before making a definitive decision. Contact the State or Territory government land department for further information.

Commonwealth Land Name	State	Buffer Status
Defence		

Commonwealth Land Name	State	Buffer Status
Defence - AIRTC KALGOORLIE [50110]	WA	In buffer area only
Defence - AIRTC KALGOORLIE [50111]	WA	In buffer area only
Defence - KALGOORLIE RIFLE RANGE [50156]	WA	In feature area
Defence - KALGOORLIE TRAINING DEPOT [50198]	WA	In buffer area only
Defence - KALGOORLIE TRAINING DEPOT [50199]	WA	In buffer area only
Unknown		
Commonwealth Land - [51954]	WA	In buffer area only
Commonwealth Land - [51955]	WA	In buffer area only
Commonwealth Land - [51758]	WA	In buffer area only
Commonwealth Land - [51759]	WA	In buffer area only
Commonwealth Land - [51774]	WA	In buffer area only
Commonwealth Land - [51956]	WA	In buffer area only
Commonwealth Land - [51957]	WA	In buffer area only
Commonwealth Land - [51767]	WA	In buffer area only
Commonwealth Land - [51777]	WA	In buffer area only
Commonwealth Land - [51952]	WA	In buffer area only
Commonwealth Land - [51951]	WA	In buffer area only
Commonwealth Land - [51060]	WA	In buffer area only
Commonwealth Land - [51779]	WA	In buffer area only
Commonwealth Land - [51062]	WA	In buffer area only
Commonwealth Land - [51063]	WA	In buffer area only
Commonwealth Land - [51959]	WA	In buffer area only
Commonwealth Land - [51958]	WA	In buffer area only
Commonwealth Land - [51764]	WA	In buffer area only
Commonwealth Land - [51762]	WA	In buffer area only
Commonwealth Land - [50329]	WA	In feature area
Commonwealth Land - [51782]	WA	In buffer area only

Commonwealth Land Name	State	Buffer Status
Commonwealth Land - [51430]	WA	In buffer area only
Commonwealth Land - [51985]	WA	In buffer area only
Commonwealth Land - [51795]	WA	In buffer area only
Commonwealth Land - [51794]	WA	In buffer area only
Commonwealth Land - [51783]	WA	In buffer area only
Commonwealth Land - [51791]	WA	In buffer area only
Commonwealth Land - [51790]	WA	In buffer area only
Commonwealth Land - [51793]	WA	In buffer area only
Commonwealth Land - [51792]	WA	In buffer area only
Commonwealth Land - [51780]	WA	In buffer area only
Commonwealth Land - [51773]	WA	In buffer area only
Commonwealth Land - [51949]	WA	In feature area
Commonwealth Land - [51953]	WA	In buffer area only
Commonwealth Land - [51950]	WA	In feature area
Commonwealth Land - [51763]	WA	In buffer area only
Commonwealth Land - [51962]	WA	In buffer area only
Commonwealth Land - [52230]	WA	In feature area
Commonwealth Land - [51766]	WA	In buffer area only
Commonwealth Land - [51761]	WA	In buffer area only
Commonwealth Land - [51760]	WA	In buffer area only
Commonwealth Land - [51784]	WA	In buffer area only
Commonwealth Land - [51776]	WA	In buffer area only
Commonwealth Land - [51765]	WA	In buffer area only
Commonwealth Land - [50334]	WA	In buffer area only
Commonwealth Land - [50335]	WA	In buffer area only
Commonwealth Land - [51772]	WA	In buffer area only
Commonwealth Land - [51770]	WA	In buffer area only

Commonwealth Land Name	State	Buffer Status
Commonwealth Land - [51061]	WA	In buffer area only
Commonwealth Land - [51785]	WA	In buffer area only
Commonwealth Land - [52184]	WA	In feature area
Commonwealth Land - [52211]	WA	In feature area
Commonwealth Land - [51961]	WA	In buffer area only
Commonwealth Land - [51960]	WA	In buffer area only
Commonwealth Land - [51963]	WA	In buffer area only
Commonwealth Land - [51788]	WA	In buffer area only
Commonwealth Land - [51789]	WA	In buffer area only
Commonwealth Land - [50310]	WA	In buffer area only
Commonwealth Land - [50337]	WA	In buffer area only
Commonwealth Land - [50336]	WA	In buffer area only
Commonwealth Land - [50331]	WA	In buffer area only
Commonwealth Land - [51769]	WA	In buffer area only
Commonwealth Land - [51059]	WA	In buffer area only
Commonwealth Land - [50332]	WA	In buffer area only
Commonwealth Land - [50333]	WA	In buffer area only
Commonwealth Land - [51771]	WA	In buffer area only
Commonwealth Land - [51768]	WA	In buffer area only
Commonwealth Land - [51778]	WA	In buffer area only
Commonwealth Land - [51406]	WA	In buffer area only
Commonwealth Land - [51775]	WA	In buffer area only
Commonwealth Land - [51786]	WA	In buffer area only
Commonwealth Land - [51781]	WA	In buffer area only
Commonwealth Land - [51787]	WA	In buffer area only

Listed Marine Species [\[Resource Information \]](#)

Scientific Name	Threatened Category	Presence Text	Buffer Status
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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
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 likely to occur within area overfly marine area	In feature area
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 known to occur within area overfly marine 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 cinerea Grey Wagtail [642]		Species or species habitat may occur within area overfly marine area	In feature area

Scientific Name	Threatened Category	Presence Text	Buffer Status
Thinornis cucullatus as Thinornis rubricollis Hooded Plover, Hooded Dotterel [87735]		Species or species habitat may occur within area overfly marine area	In buffer area only
Tringa nebularia Common Greenshank, Greenshank [832]		Species or species habitat likely to occur within area overfly marine area	In buffer area only

Extra Information

State and Territory Reserves			[Resource Information]
Protected Area Name	Reserve Type	State	Buffer Status
Kalgoorlie Arboretum	5(1)(h) Reserve	WA	In buffer area only
Kurrawang	Nature Reserve	WA	In buffer area only
Lakeside Timber Reserve	5(1)(g) Reserve	WA	In buffer area only

EPBC Act Referrals					[Resource Information]
Title of referral	Reference	Referral Outcome	Assessment Status	Buffer Status	
Controlled action					
Goldfields Water Supply Scheme Project	2019/8547	Controlled Action	Post-Approval	In feature area	
Nava-1 Cable System	2001/510	Controlled Action	Completed	In feature area	
Not controlled action					
Focus, Greenfields and Carins Intersection Upgrade, Great Eastern Highway, WA	2014/7171	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	
Lynas Kalgoorlie Rare Earths Processing Facility	2020/8719	Not Controlled Action	Completed	In feature area	
Sale of Post Office, Hannan Street	2006/3084	Not Controlled Action	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

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- [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

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

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APPENDIX E – DBCA NATUREMAP SEARCH REPORT

KINGDOM	CLASS	TAXON	WA CONS. CODE
Animalia	AMPHIBIAN	<i>Litoria moorei</i>	-
Animalia	AMPHIBIAN	<i>Neobatrachus kunapalari</i>	-
Animalia	AMPHIBIAN	<i>Neobatrachus sutor</i>	-
Animalia	AMPHIBIAN	<i>Pseudophryne occidentalis</i>	-
Animalia	BIRD	<i>Leipoa ocellata</i>	Vulnerable
Animalia	BIRD	<i>Calyptorhynchus latirostris</i>	Endangered
Animalia	BIRD	<i>Tringa brevipes</i>	Migratory, Priority 4
Animalia	BIRD	<i>Calidris acuminata</i>	Migratory
Animalia	BIRD	<i>Calidris alba (Crocethia alba)</i>	Migratory
Animalia	BIRD	<i>Tringa glareola</i>	Migratory
Animalia	BIRD	<i>Tringa nebularia</i>	Migratory
Animalia	BIRD	<i>Acanthagenys rufogularis</i>	-
Animalia	BIRD	<i>Acanthiza apicalis</i>	-
Animalia	BIRD	<i>Acanthiza chrysorrhoa</i>	-
Animalia	BIRD	<i>Acanthiza uropygialis</i>	-
Animalia	BIRD	<i>Accipiter cirrocephalus</i>	-
Animalia	BIRD	<i>Accipiter fasciatus</i>	-
Animalia	BIRD	<i>Anas gracilis</i>	-
Animalia	BIRD	<i>Anas rhynchotis</i>	-
Animalia	BIRD	<i>Anas superciliosa</i>	-
Animalia	BIRD	<i>Anhinga novaehollandiae</i>	-
Animalia	BIRD	<i>Anthochaera carunculata</i>	-
Animalia	BIRD	<i>Anthus australis</i>	-
Animalia	BIRD	<i>Anthus australis</i> subsp. <i>australis</i>	-
Animalia	BIRD	<i>Aphelocephala leucopsis</i>	-
Animalia	BIRD	<i>Aphelocephala leucopsis</i> subsp. <i>castaneiventris</i>	-
Animalia	BIRD	<i>Aquila audax</i>	-
Animalia	BIRD	<i>Ardea pacifica</i>	-
Animalia	BIRD	<i>Artamus cinereus</i>	-
Animalia	BIRD	<i>Artamus cyanopterus</i>	-
Animalia	BIRD	<i>Artamus personatus</i>	-
Animalia	BIRD	<i>Aythya australis</i>	-
Animalia	BIRD	<i>Barnardius zonarius</i>	-
Animalia	BIRD	<i>Biziura lobata</i>	-
Animalia	BIRD	<i>Cacatua roseicapilla</i>	-
Animalia	BIRD	<i>Cacatua sanguinea</i>	-
Animalia	BIRD	<i>Cacomantis pallidus</i>	-
Animalia	BIRD	<i>Charadrius ruficapillus</i>	-
Animalia	BIRD	<i>Chenonetta jubata</i>	-
Animalia	BIRD	<i>Cheramoeca leucosterna</i>	-
Animalia	BIRD	<i>Cheramoeca leucosternus</i>	-
Animalia	BIRD	<i>Chroicocephalus novaehollandiae</i>	-
Animalia	BIRD	<i>Chrysococcyx basalis</i>	-
Animalia	BIRD	<i>Chrysococcyx osculans</i>	-
Animalia	BIRD	<i>Cincloramphus cruralis</i>	-
Animalia	BIRD	<i>Cincloramphus mathewsi</i>	-
Animalia	BIRD	<i>Cinclosoma castanotus</i>	-
Animalia	BIRD	<i>Colluricincla harmonica</i>	-
Animalia	BIRD	<i>Columba livia</i>	-
Animalia	BIRD	<i>Coracina maxima</i>	-
Animalia	BIRD	<i>Coracina novaehollandiae</i>	-
Animalia	BIRD	<i>Corvus bennetti</i>	-

KINGDOM	CLASS	TAXON	WA CONS. CODE
Animalia	BIRD	<i>Corvus coronoides</i>	-
Animalia	BIRD	<i>Corvus orru</i>	-
Animalia	BIRD	<i>Cracticus nigrogularis</i>	-
Animalia	BIRD	<i>Cracticus tibicen</i>	-
Animalia	BIRD	<i>Cracticus torquatus</i>	-
Animalia	BIRD	<i>Cygnus atratus</i>	-
Animalia	BIRD	<i>Daphoenositta chrysoptera</i>	-
Animalia	BIRD	<i>Dicaeum hirundinaceum</i>	-
Animalia	BIRD	<i>Dromaius novaehollandiae</i>	-
Animalia	BIRD	<i>Egretta novaehollandiae</i>	-
Animalia	BIRD	<i>Elanus axillaris</i>	-
Animalia	BIRD	<i>Elanus caeruleus</i>	-
Animalia	BIRD	<i>Elanus caeruleus</i> subsp. <i>axillaris</i>	-
Animalia	BIRD	<i>Elseyornis melanops</i>	-
Animalia	BIRD	<i>Eolophus roseicapillus</i>	-
Animalia	BIRD	<i>Epthianura albifrons</i>	-
Animalia	BIRD	<i>Epthianura tricolor</i>	-
Animalia	BIRD	<i>Erythrogonyx cinctus</i>	-
Animalia	BIRD	<i>Eurostopodus argus</i>	-
Animalia	BIRD	<i>Falco berigora</i>	-
Animalia	BIRD	<i>Falco berigora</i> subsp. <i>berigora</i>	-
Animalia	BIRD	<i>Falco cenchroides</i>	-
Animalia	BIRD	<i>Falco longipennis</i>	-
Animalia	BIRD	<i>Fulica atra</i>	-
Animalia	BIRD	<i>Gerygone fusca</i>	-
Animalia	BIRD	<i>Glossopsitta porphyrocephala</i>	-
Animalia	BIRD	<i>Grallina cyanoleuca</i>	-
Animalia	BIRD	<i>Haliastur sphenurus</i>	-
Animalia	BIRD	<i>Hieraaetus morphnoides</i>	-
Animalia	BIRD	<i>Himantopus himantopus</i>	-
Animalia	BIRD	<i>Himantopus himantopus</i> subsp. <i>leucocephalus</i>	-
Animalia	BIRD	<i>Hirundo neoxena</i>	-
Animalia	BIRD	<i>Hirundo nigricans</i>	-
Animalia	BIRD	<i>Hylacola cauta</i> subsp. <i>whitlocki</i>	-
Animalia	BIRD	<i>Lalage tricolor</i>	-
Animalia	BIRD	<i>Lichenostomus leucotis</i>	-
Animalia	BIRD	<i>Lichenostomus leucotis</i> subsp. <i>novaenorcaiae</i>	-
Animalia	BIRD	<i>Lichenostomus ornatus</i>	-
Animalia	BIRD	<i>Lichenostomus plumulus</i>	-
Animalia	BIRD	<i>Lichenostomus virescens</i>	-
Animalia	BIRD	<i>Lichmera indistincta</i>	-
Animalia	BIRD	<i>Malacorhynchus membranaceus</i>	-
Animalia	BIRD	<i>Malurus leucopterus</i>	-
Animalia	BIRD	<i>Malurus pulcherrimus</i>	-
Animalia	BIRD	<i>Malurus splendens</i>	-
Animalia	BIRD	<i>Manorina flavigula</i>	-
Animalia	BIRD	<i>Melithreptus brevirostris</i>	-
Animalia	BIRD	<i>Melopsittacus undulatus</i>	-
Animalia	BIRD	<i>Merops ornatus</i>	-
Animalia	BIRD	<i>Microcarbo melanoleucos</i>	-
Animalia	BIRD	<i>Microeca fascinans</i>	-
Animalia	BIRD	<i>Microeca fascinans</i> subsp. <i>assimilis</i>	-
Animalia	BIRD	<i>Ninox novaeseelandiae</i>	-
Animalia	BIRD	<i>Nycticorax caledonicus</i> subsp. <i>hilli</i>	-

KINGDOM	CLASS	TAXON	WA CONS. CODE
Animalia	BIRD	<i>Nymphicus hollandicus</i>	-
Animalia	BIRD	<i>Ocyphaps lophotes</i>	-
Animalia	BIRD	<i>Oreoica gutturalis</i>	-
Animalia	BIRD	<i>Oreoica gutturalis</i> subsp. <i>gutturalis</i>	-
Animalia	BIRD	<i>Pachycephala inornata</i>	-
Animalia	BIRD	<i>Pachycephala rufiventris</i>	-
Animalia	BIRD	<i>Pardalotus punctatus</i>	-
Animalia	BIRD	<i>Pardalotus striatus</i>	-
Animalia	BIRD	<i>Pardalotus striatus</i> subsp. <i>westraliensis</i>	-
Animalia	BIRD	<i>Petrochelidon nigricans</i>	-
Animalia	BIRD	<i>Petroica cucullata</i>	-
Animalia	BIRD	<i>Petroica goodenovii</i>	-
Animalia	BIRD	<i>Phalacrocorax sulcirostris</i>	-
Animalia	BIRD	<i>Phaps chalcoptera</i>	-
Animalia	BIRD	<i>Phylidonyris albifrons</i>	-
Animalia	BIRD	<i>Platalea flavipes</i>	-
Animalia	BIRD	<i>Platycercus varius</i>	-
Animalia	BIRD	<i>Platycercus zonarius</i>	-
Animalia	BIRD	<i>Platycercus zonarius</i> subsp. <i>zonarius</i>	-
Animalia	BIRD	<i>Podargus strigoides</i>	-
Animalia	BIRD	<i>Poliocephalus poliocephalus</i>	-
Animalia	BIRD	<i>Pomatostomus superciliosus</i>	-
Animalia	BIRD	<i>Pomatostomus superciliosus</i> subsp. <i>ashbyi</i>	-
Animalia	BIRD	<i>Ptilotula ornatus</i>	-
Animalia	BIRD	<i>Ptilotula plumulus</i>	-
Animalia	BIRD	<i>Purnella albifrons</i>	-
Animalia	BIRD	<i>Pyrrholaemus brunneus</i>	-
Animalia	BIRD	<i>Recurvirostra novaehollandiae</i>	-
Animalia	BIRD	<i>Rhipidura albiscapa</i>	-
Animalia	BIRD	<i>Rhipidura leucophrys</i>	-
Animalia	BIRD	<i>Smicronis brevirostris</i>	-
Animalia	BIRD	<i>Stictonetta naevosa</i>	-
Animalia	BIRD	<i>Strepera versicolor</i>	-
Animalia	BIRD	<i>Streptopelia senegalensis</i>	-
Animalia	BIRD	<i>Sugomel niger</i>	-
Animalia	BIRD	<i>Tachybaptus novaehollandiae</i>	-
Animalia	BIRD	<i>Tadorna tadornoides</i>	-
Animalia	BIRD	<i>Taeniopygia guttata</i>	-
Animalia	BIRD	<i>Threskiornis spinicollis</i>	-
Animalia	BIRD	<i>Todiramphus pyrrhopygia</i>	-
Animalia	BIRD	<i>Todiramphus pyrrhopygius</i>	-
Animalia	BIRD	<i>Todiramphus sanctus</i>	-
Animalia	BIRD	<i>Tribonyx ventralis</i>	-
Animalia	BIRD	<i>Tyto alba</i> subsp. <i>delicatula</i>	-
Animalia	BIRD	<i>Vanellus tricolor</i>	-
Animalia	BIRD	<i>Zosterops lateralis</i>	-
Animalia	INVERTEBRATE	<i>Ogyris subterrestris</i> subsp. <i>petrina</i>	Critically Endangered
Animalia	INVERTEBRATE	<i>Jalmenus aridus</i>	Priority 1
Animalia	INVERTEBRATE	<i>Afraflacilla stridulator</i>	-
Animalia	INVERTEBRATE	<i>Afrosterophorus hirsti</i>	-
Animalia	INVERTEBRATE	<i>Aname armigera</i>	-
Animalia	INVERTEBRATE	<i>Aname mainae</i>	-
Animalia	INVERTEBRATE	<i>Argiope protensa</i>	-
Animalia	INVERTEBRATE	<i>Argiope trifasciata</i>	-

KINGDOM	CLASS	TAXON	WA CONS. CODE
Animalia	INVERTEBRATE	<i>Austracantha minax</i>	-
Animalia	INVERTEBRATE	<i>Backobourkia heroine</i>	-
Animalia	INVERTEBRATE	<i>Branchinella nana</i>	-
Animalia	INVERTEBRATE	<i>Branchinella nicholli</i>	-
Animalia	INVERTEBRATE	<i>Celaenia excavata</i>	-
Animalia	INVERTEBRATE	<i>Cercophonius michaelsoni</i>	-
Animalia	INVERTEBRATE	<i>Corasoides australis</i>	-
Animalia	INVERTEBRATE	<i>Corimaethes campestris</i>	-
Animalia	INVERTEBRATE	<i>Cyrtophora parnasia</i>	-
Animalia	INVERTEBRATE	<i>Daphnia carinata</i>	-
Animalia	INVERTEBRATE	<i>Eriophora biapicata</i>	-
Animalia	INVERTEBRATE	<i>Hemicloea sublimbata</i>	-
Animalia	INVERTEBRATE	<i>Hoggicosa castanea</i>	-
Animalia	INVERTEBRATE	<i>Hoggicosa forresti</i>	-
Animalia	INVERTEBRATE	<i>Holoplatys kalgoorlie</i>	-
Animalia	INVERTEBRATE	<i>Holoplatys planissima</i>	-
Animalia	INVERTEBRATE	<i>Isometroides vespucis</i>	-
Animalia	INVERTEBRATE	<i>Isopeda magna</i>	-
Animalia	INVERTEBRATE	<i>Isopedella saundersi</i>	-
Animalia	INVERTEBRATE	<i>Jalmenus icilius</i>	-
Animalia	INVERTEBRATE	<i>Lampona cylindrata</i>	-
Animalia	INVERTEBRATE	<i>Lamponina scutata</i>	-
Animalia	INVERTEBRATE	<i>Latrodectus hasseltii</i>	-
Animalia	INVERTEBRATE	<i>Lychas annulatus</i>	-
Animalia	INVERTEBRATE	<i>Lycosa ariadnae</i>	-
Animalia	INVERTEBRATE	<i>Missulena occatoria</i>	-
Animalia	INVERTEBRATE	<i>Nephila edulis</i>	-
Animalia	INVERTEBRATE	<i>Nicodamus mainae</i>	-
Animalia	INVERTEBRATE	<i>Oxyopes amoenus</i>	-
Animalia	INVERTEBRATE	<i>Oxyopes dingo</i>	-
Animalia	INVERTEBRATE	<i>Oxyopes variabilis</i>	-
Animalia	INVERTEBRATE	<i>Parartemia</i> sp.	-
Animalia	INVERTEBRATE	<i>Sandalodes scopifer</i>	-
Animalia	INVERTEBRATE	<i>Scolopendra morsitans</i>	-
Animalia	INVERTEBRATE	<i>Selenotholus foelschei</i>	-
Animalia	INVERTEBRATE	<i>Storena sinuosa</i>	-
Animalia	INVERTEBRATE	<i>Tasmanicosa leuckartii</i>	-
Animalia	INVERTEBRATE	<i>Trichocyclops balladong</i>	-
Animalia	INVERTEBRATE	<i>Triops australiensis</i>	-
Animalia	INVERTEBRATE	<i>Triops</i> sp.	-
Animalia	INVERTEBRATE	<i>Urodacus armatus</i>	-
Animalia	INVERTEBRATE	<i>Urodacus hoplurus</i>	-
Animalia	INVERTEBRATE	<i>Urodacus yaschenkoi</i>	-
Animalia	MAMMAL	<i>Macrotis lagotis</i>	Vulnerable
Animalia	MAMMAL	<i>Myrmecobius fasciatus</i>	Endangered
Animalia	MAMMAL	<i>Bos taurus</i>	-
Animalia	MAMMAL	<i>Canis lupus</i> subsp. <i>dingo</i>	-
Animalia	MAMMAL	<i>Capra hircus</i>	-
Animalia	MAMMAL	<i>Cercartetus concinnus</i>	-
Animalia	MAMMAL	<i>Chalinolobus gouldii</i>	-
Animalia	MAMMAL	<i>Chalinolobus morio</i>	-
Animalia	MAMMAL	<i>Felis catus</i>	-
Animalia	MAMMAL	<i>Macropus fuliginosus</i>	-
Animalia	MAMMAL	<i>Macropus robustus</i> subsp. <i>erubescens</i>	-

KINGDOM	CLASS	TAXON	WA CONS. CODE
Animalia	MAMMAL	<i>Macropus rufus</i>	-
Animalia	MAMMAL	<i>Mormopterus planiceps</i>	-
Animalia	MAMMAL	<i>Mus musculus</i>	-
Animalia	MAMMAL	<i>Ningauai yvonneae</i>	-
Animalia	MAMMAL	<i>Nyctophilus geoffroyi</i>	-
Animalia	MAMMAL	<i>Oryctolagus cuniculus</i>	-
Animalia	MAMMAL	<i>Ovis aries</i>	-
Animalia	MAMMAL	<i>Pseudomys bolami</i>	-
Animalia	MAMMAL	<i>Pseudomys hermannsburgensis</i>	-
Animalia	MAMMAL	<i>Scotorepens balstoni</i>	-
Animalia	MAMMAL	<i>Sminthopsis crassicaudata</i>	-
Animalia	MAMMAL	<i>Sminthopsis dolichura</i>	-
Animalia	MAMMAL	<i>Sminthopsis gilberti</i>	-
Animalia	MAMMAL	<i>Sminthopsis ooldea</i>	-
Animalia	MAMMAL	<i>Sminthopsis sp.</i>	-
Animalia	MAMMAL	<i>Tachyglossus aculeatus</i>	-
Animalia	MAMMAL	<i>Tadarida australis</i>	-
Animalia	MAMMAL	<i>Taphozous hilli</i>	-
Animalia	MAMMAL	<i>Vespadelus baverstocki</i>	-
Animalia	MAMMAL	<i>Vespadelus finlaysoni</i>	-
Animalia	MAMMAL	<i>Vespadelus regulus</i>	-
Animalia	REPTILE	<i>Acanthopphis pyrrhus</i>	-
Animalia	REPTILE	<i>Brachyuropphis fasciolata</i>	-
Animalia	REPTILE	<i>Brachyuropphis fasciolatus</i> subsp. <i>fasciolatus</i>	-
Animalia	REPTILE	<i>Brachyuropphis semifasciatus</i>	-
Animalia	REPTILE	<i>Chelodina colliei</i>	-
Animalia	REPTILE	<i>Cryptoblepharus buchananii</i>	-
Animalia	REPTILE	<i>Cryptoblepharus plagiocephalus</i>	-
Animalia	REPTILE	<i>Ctenophorus caudicinctus</i>	-
Animalia	REPTILE	<i>Ctenophorus cristatus</i>	-
Animalia	REPTILE	<i>Ctenophorus reticulatus</i>	-
Animalia	REPTILE	<i>Ctenophorus salinarum</i>	-
Animalia	REPTILE	<i>Ctenophorus scutulatus</i>	-
Animalia	REPTILE	<i>Ctenotus atlas</i>	-
Animalia	REPTILE	<i>Ctenotus leonhardii</i>	-
Animalia	REPTILE	<i>Ctenotus schomburgkii</i>	-
Animalia	REPTILE	<i>Ctenotus uber</i>	-
Animalia	REPTILE	<i>Delma australis</i>	-
Animalia	REPTILE	<i>Demansia psammophis</i>	-
Animalia	REPTILE	<i>Diplodactylus granariensis</i>	-
Animalia	REPTILE	<i>Diplodactylus granariensis</i> subsp. <i>granariensis</i>	-
Animalia	REPTILE	<i>Diplodactylus maini</i>	-
Animalia	REPTILE	<i>Diplodactylus pulcher</i>	-
Animalia	REPTILE	<i>Egernia depressa</i>	-
Animalia	REPTILE	<i>Eremiascincus richardsonii</i>	-
Animalia	REPTILE	<i>Furina ornata</i>	-
Animalia	REPTILE	<i>Gehyra purpurascens</i>	-
Animalia	REPTILE	<i>Gehyra variegata</i>	-
Animalia	REPTILE	<i>Hemidactylus frenatus</i>	-
Animalia	REPTILE	<i>Hemiergis initialis</i> subsp. <i>initialis</i>	-
Animalia	REPTILE	<i>Hesperoedura reticulata</i>	-
Animalia	REPTILE	<i>Heteronotia binoei</i>	-
Animalia	REPTILE	<i>Lerista picturata</i>	-
Animalia	REPTILE	<i>Lerista stictopleura</i>	-

KINGDOM	CLASS	TAXON	WA CONS. CODE
Animalia	REPTILE	<i>Lerista timida</i>	-
Animalia	REPTILE	<i>Menetia greyii</i>	-
Animalia	REPTILE	<i>Moloch horridus</i>	-
Animalia	REPTILE	<i>Morelia spilota</i> subsp. <i>imbricata</i>	-
Animalia	REPTILE	<i>Morethia adelaidensis</i>	-
Animalia	REPTILE	<i>Neelaps bimaculatus</i>	-
Animalia	REPTILE	<i>Nephurus milii</i>	-
Animalia	REPTILE	<i>Oedura reticulata</i>	-
Animalia	REPTILE	<i>Parasuta gouldii</i>	-
Animalia	REPTILE	<i>Parasuta monachus</i>	-
Animalia	REPTILE	<i>Pogona minor</i> subsp. <i>minor</i>	-
Animalia	REPTILE	<i>Pseudechis australis</i>	-
Animalia	REPTILE	<i>Pseudonaja mengdeni</i>	-
Animalia	REPTILE	<i>Pseudonaja modesta</i>	-
Animalia	REPTILE	<i>Pseudonaja nuchalis</i>	-
Animalia	REPTILE	<i>Pygopus lepidopodus</i>	-
Animalia	REPTILE	<i>Pygopus nigriceps</i>	-
Animalia	REPTILE	<i>Ramphotyphlops australis</i>	-
Animalia	REPTILE	<i>Ramphotyphlops bicolor</i>	-
Animalia	REPTILE	<i>Ramphotyphlops bituberculatus</i>	-
Animalia	REPTILE	<i>Ramphotyphlops hamatus</i>	-
Animalia	REPTILE	<i>Ramphotyphlops waitii</i>	-
Animalia	REPTILE	<i>Rhynchoedura ornata</i>	-
Animalia	REPTILE	<i>Simoselaps bertholdi</i>	-
Animalia	REPTILE	<i>Strophurus assimilis</i>	-
Animalia	REPTILE	<i>Suta fasciata</i>	-
Animalia	REPTILE	<i>Tiliqua occipitalis</i>	-
Animalia	REPTILE	<i>Tiliqua rugosa</i>	-
Animalia	REPTILE	<i>Tiliqua rugosa</i> subsp. <i>rugosa</i>	-
Animalia	REPTILE	<i>Tympanocryptis cephalus</i>	-
Animalia	REPTILE	<i>Underwoodisaurus milii</i>	-
Animalia	REPTILE	<i>Varanus caudolineatus</i>	-
Animalia	REPTILE	<i>Varanus gouldii</i>	-
Animalia	REPTILE	<i>Varanus tristis</i>	-
Fungi	FUNGUS	<i>Hydnum repandum</i>	-
Fungi	FUNGUS	<i>Puccinia saccardoii</i>	-
Fungi	FUNGUS	<i>Trechispora</i> sp.	-
Fungi	LICHEN	<i>Xanthoparmelia dayiana</i>	Priority 3
Fungi	LICHEN	<i>Acarospora citrina</i>	-
Fungi	LICHEN	<i>Acarospora nodulosa</i>	-
Fungi	LICHEN	<i>Acarospora nodulosa</i> var. <i>reagens</i>	-
Fungi	LICHEN	<i>Aspicilia calcarea</i>	-
Fungi	LICHEN	<i>Buellia</i> sp.	-
Fungi	LICHEN	<i>Caloplaca scarlatina</i>	-
Fungi	LICHEN	<i>Caloplaca</i> sp.	-
Fungi	LICHEN	<i>Cladia beaugleholei</i>	-
Fungi	LICHEN	<i>Cladonia</i> sp.	-
Fungi	LICHEN	<i>Collema coccophorum</i>	-
Fungi	LICHEN	<i>Diploschistes elixii</i>	-
Fungi	LICHEN	<i>Diploschistes hensseniae</i>	-
Fungi	LICHEN	<i>Diploschistes scruposus</i>	-
Fungi	LICHEN	<i>Diploschistes thunbergianus</i>	-
Fungi	LICHEN	<i>Endocarpon pusillum</i>	-
Fungi	LICHEN	<i>Endocarpon simplicatum</i>	-

KINGDOM	CLASS	TAXON	WA CONS. CODE
Fungi	LICHEN	<i>Fulgensia cranfieldii</i>	-
Fungi	LICHEN	<i>Fulgensia subbracteata</i>	-
Fungi	LICHEN	<i>Hyperphyscia syncolla</i>	-
Fungi	LICHEN	<i>Jackelixia elixii</i>	-
Fungi	LICHEN	<i>Parmelia</i> sp.	-
Fungi	LICHEN	<i>Peltula patellata</i>	-
Fungi	LICHEN	<i>Phaeographina</i> sp.	-
Fungi	LICHEN	<i>Physcia albicans</i>	-
Fungi	LICHEN	<i>Physcia</i> sp.	-
Fungi	LICHEN	<i>Placidium lacinulatum</i>	-
Fungi	LICHEN	<i>Placidium squamulosum</i>	-
Fungi	LICHEN	<i>Psora crenata</i>	-
Fungi	LICHEN	<i>Psora crystallifera</i>	-
Fungi	LICHEN	<i>Psora decipiens</i>	-
Fungi	LICHEN	<i>Rhizocarpon tinei</i>	-
Fungi	LICHEN	<i>Sarcogyne simplex</i>	-
Fungi	LICHEN	<i>Sarcogyne</i> sp.	-
Fungi	LICHEN	<i>Synalissa</i> sp.	-
Fungi	LICHEN	<i>Xalocoa ocellata</i>	-
Fungi	LICHEN	<i>Xanthoparmelia alternata</i>	-
Fungi	LICHEN	<i>Xanthoparmelia amphixantha</i>	-
Fungi	LICHEN	<i>Xanthoparmelia amplexula</i>	-
Fungi	LICHEN	<i>Xanthoparmelia filarszkyana</i>	-
Fungi	LICHEN	<i>Xanthoparmelia glareosa</i>	-
Fungi	LICHEN	<i>Xanthoparmelia incantata</i>	-
Fungi	LICHEN	<i>Xanthoparmelia incerta</i>	-
Fungi	LICHEN	<i>Xanthoparmelia isidiigera</i>	-
Fungi	LICHEN	<i>Xanthoparmelia luteonotata</i>	-
Fungi	LICHEN	<i>Xanthoparmelia metaclystoides</i>	-
Fungi	LICHEN	<i>Xanthoparmelia neorimalis</i>	-
Fungi	LICHEN	<i>Xanthoparmelia notata</i>	-
Fungi	LICHEN	<i>Xanthoparmelia pertinax</i>	-
Fungi	LICHEN	<i>Xanthoparmelia praegnans</i>	-
Fungi	LICHEN	<i>Xanthoparmelia pulla</i>	-
Fungi	LICHEN	<i>Xanthoparmelia reptans</i>	-
Fungi	LICHEN	<i>Xanthoparmelia rimalis</i>	-
Fungi	LICHEN	<i>Xanthoparmelia scabrosa</i>	-
Fungi	LICHEN	<i>Xanthoparmelia semiviridis</i>	-
Fungi	LICHEN	<i>Xanthoparmelia succedans</i>	-
Fungi	LICHEN	<i>Xanthoparmelia tasmanica</i>	-
Fungi	LICHEN	<i>Xanthoparmelia terrestris</i>	-
Fungi	LICHEN	<i>Xanthoparmelia verrucella</i>	-
Fungi	LICHEN	<i>Xanthoparmelia versicolor</i>	-
Fungi	LICHEN	<i>Xanthoparmelia willisii</i>	-
Plantae	DICOT	<i>Ptilotus procumbens</i>	Priority 1
Plantae	DICOT	<i>Elachanthus pusillus</i>	Priority 2
Plantae	DICOT	<i>Eremophila praecox</i>	Priority 2
Plantae	DICOT	<i>Goodenia salina</i>	Priority 2
Plantae	DICOT	<i>Alyxia tetanifolia</i>	Priority 3
Plantae	DICOT	<i>Cyathostemon verrucosus</i>	Priority 3
Plantae	DICOT	<i>Lepidium fasciculatum</i>	Priority 3
Plantae	DICOT	<i>Melaleuca coccinea</i>	Priority 3
Plantae	DICOT	<i>Notisia intonsa</i>	Priority 3
Plantae	DICOT	<i>Eremophila caerulea</i> subsp. <i>merrallii</i>	Priority 4

KINGDOM	CLASS	TAXON	WA CONS. CODE
Plantae	DICOT	<i>Eucalyptus jutsonii</i> subsp. <i>jutsonii</i>	Priority 4
Plantae	DICOT	<i>Eucalyptus</i> x <i>brachyphylla</i>	Priority 4
Plantae	DICOT	<i>Frankenia glomerata</i>	Priority 4
Plantae	DICOT	<i>Abutilon cryptopetalum</i>	-
Plantae	DICOT	<i>Acacia acuminata</i>	-
Plantae	DICOT	<i>Acacia andrewsii</i>	-
Plantae	DICOT	<i>Acacia aneura</i> group	-
Plantae	DICOT	<i>Acacia burkittii</i>	-
Plantae	DICOT	<i>Acacia calcarata</i>	-
Plantae	DICOT	<i>Acacia colletioides</i>	-
Plantae	DICOT	<i>Acacia coolgardiensis</i>	-
Plantae	DICOT	<i>Acacia eremophila</i> var. <i>eremophila</i>	-
Plantae	DICOT	<i>Acacia erinacea</i>	-
Plantae	DICOT	<i>Acacia gibbosa</i>	-
Plantae	DICOT	<i>Acacia hemiteles</i>	-
Plantae	DICOT	<i>Acacia jennerae</i>	-
Plantae	DICOT	<i>Acacia jensenii</i>	-
Plantae	DICOT	<i>Acacia kalgoorliensis</i>	-
Plantae	DICOT	<i>Acacia ligulata</i>	-
Plantae	DICOT	<i>Acacia merrallii</i>	-
Plantae	DICOT	<i>Acacia murrayana</i>	-
Plantae	DICOT	<i>Acacia nyssophylla</i>	-
Plantae	DICOT	<i>Acacia prainii</i>	-
Plantae	DICOT	<i>Acacia resinistipulea</i>	-
Plantae	DICOT	<i>Acacia sclerosperma</i> subsp. <i>sclerosperma</i>	-
Plantae	DICOT	<i>Acacia synchronicia</i>	-
Plantae	DICOT	<i>Acacia tetragonophylla</i>	-
Plantae	DICOT	<i>Acacia xerophila</i> var. <i>brevior</i>	-
Plantae	DICOT	<i>Actinobole uliginosum</i>	-
Plantae	DICOT	<i>Aizoon pubescens</i>	-
Plantae	DICOT	<i>Alectryon oleifolius</i> subsp. <i>canescens</i>	-
Plantae	DICOT	<i>Alhagi camelorum</i>	-
Plantae	DICOT	<i>Alhagi maurorum</i>	-
Plantae	DICOT	<i>Allocasuarina campestris</i>	-
Plantae	DICOT	<i>Allocasuarina eriochlamys</i> subsp. <i>eriochlamys</i>	-
Plantae	DICOT	<i>Allocasuarina helmsii</i>	-
Plantae	DICOT	<i>Alternanthera denticulata</i>	-
Plantae	DICOT	<i>Alyssum linifolium</i>	-
Plantae	DICOT	<i>Alyxia buxifolia</i>	-
Plantae	DICOT	<i>Amaranthus viridis</i>	-
Plantae	DICOT	<i>Amyema gibberula</i> var. <i>gibberula</i>	-
Plantae	DICOT	<i>Amyema miquelii</i>	-
Plantae	DICOT	<i>Amyema preissii</i>	-
Plantae	DICOT	<i>Androcalva aphrix</i>	-
Plantae	DICOT	<i>Angianthus tomentosus</i>	-
Plantae	DICOT	<i>Anthotroche pannosa</i>	-
Plantae	DICOT	<i>Arabidella trisecta</i>	-
Plantae	DICOT	<i>Arctotheca calendula</i>	-
Plantae	DICOT	<i>Asclepias curassavica</i>	-
Plantae	DICOT	<i>Asteridea athrixoides</i>	-
Plantae	DICOT	<i>Atriplex acutibractea</i> subsp. <i>acutibractea</i>	-
Plantae	DICOT	<i>Atriplex acutibractea</i> subsp. <i>karoniensis</i>	-
Plantae	DICOT	<i>Atriplex amnicola</i>	-
Plantae	DICOT	<i>Atriplex codonocarpa</i>	-

KINGDOM	CLASS	TAXON	WA CONS. CODE
Plantae	DICOT	<i>Atriplex eardleyae</i>	-
Plantae	DICOT	<i>Atriplex holocarpa</i>	-
Plantae	DICOT	<i>Atriplex nummularia</i>	-
Plantae	DICOT	<i>Atriplex nummularia</i> subsp. <i>spathulata</i>	-
Plantae	DICOT	<i>Atriplex pumilio</i>	-
Plantae	DICOT	<i>Atriplex semibaccata</i>	-
Plantae	DICOT	<i>Atriplex</i> sp.	-
Plantae	DICOT	<i>Atriplex stipitata</i>	-
Plantae	DICOT	<i>Atriplex suberecta</i>	-
Plantae	DICOT	<i>Atriplex vesicaria</i>	-
Plantae	DICOT	<i>Boerhavia coccinea</i>	-
Plantae	DICOT	<i>Brachyscome ciliaris</i>	-
Plantae	DICOT	<i>Brachyscome lineariloba</i>	-
Plantae	DICOT	<i>Brachyscome perpusilla</i>	-
Plantae	DICOT	<i>Brassica tournefortii</i>	-
Plantae	DICOT	<i>Brunonia australis</i>	-
Plantae	DICOT	<i>Buglossoides arvensis</i>	-
Plantae	DICOT	<i>Calandrinia eremaea</i>	-
Plantae	DICOT	<i>Calandrinia polyandra</i>	-
Plantae	DICOT	<i>Calandrinia sculpta</i>	-
Plantae	DICOT	<i>Calotis hispidula</i>	-
Plantae	DICOT	<i>Calotis multicaulis</i>	-
Plantae	DICOT	<i>Calytrix amethystina</i>	-
Plantae	DICOT	<i>Capsella bursa-pastoris</i>	-
Plantae	DICOT	<i>Carrichtera annua</i>	-
Plantae	DICOT	<i>Carthamus lanatus</i>	-
Plantae	DICOT	<i>Casuarina pauper</i>	-
Plantae	DICOT	<i>Centaurea melitensis</i>	-
Plantae	DICOT	<i>Chenopodium album</i>	-
Plantae	DICOT	<i>Chenopodium curvispicatum</i>	-
Plantae	DICOT	<i>Chenopodium murale</i>	-
Plantae	DICOT	<i>Cichorium intybus</i>	-
Plantae	DICOT	<i>Comesperma scoparium</i>	-
Plantae	DICOT	<i>Commersonia craurophylla</i>	-
Plantae	DICOT	<i>Convolvulus remotus</i>	-
Plantae	DICOT	<i>Conyza bonariensis</i>	-
Plantae	DICOT	<i>Cooperhooikia strophilata</i>	-
Plantae	DICOT	<i>Cotula australis</i>	-
Plantae	DICOT	<i>Craspedia haplorrhiza</i>	-
Plantae	DICOT	<i>Cratystylis conocephala</i>	-
Plantae	DICOT	<i>Cratystylis microphylla</i>	-
Plantae	DICOT	<i>Cratystylis subspinescens</i>	-
Plantae	DICOT	<i>Cryptandra aridicola</i>	-
Plantae	DICOT	<i>Cullen leucanthum</i>	-
Plantae	DICOT	<i>Cylindropuntia fulgida</i> var. <i>mamillata</i>	-
Plantae	DICOT	<i>Cylindropuntia imbricata</i>	-
Plantae	DICOT	<i>Cylindropuntia kleiniae</i>	-
Plantae	DICOT	<i>Dampiera eriocephala</i>	-
Plantae	DICOT	<i>Dampiera luteiflora</i>	-
Plantae	DICOT	<i>Dampiera stenostachya</i>	-
Plantae	DICOT	<i>Dampiera tenuicaulis</i> var. <i>curvula</i>	-
Plantae	DICOT	<i>Dampiera tenuicaulis</i> var. <i>tenuicaulis</i>	-
Plantae	DICOT	<i>Datura innoxia</i>	-
Plantae	DICOT	<i>Daucus glochidiatus</i>	-

KINGDOM	CLASS	TAXON	WA CONS. CODE
Plantae	DICOT	<i>Dicrastylis brunnea</i>	-
Plantae	DICOT	<i>Didymanthus roei</i>	-
Plantae	DICOT	<i>Dillwynia</i> sp.	-
Plantae	DICOT	<i>Dillwynia</i> sp. Coolgardie (V.E. Sands 637.3.1)	-
Plantae	DICOT	<i>Disphyma crassifolium</i> subsp. <i>clavellatum</i>	-
Plantae	DICOT	<i>Dodonaea adenophora</i>	-
Plantae	DICOT	<i>Dodonaea lobulata</i>	-
Plantae	DICOT	<i>Dodonaea microzyga</i> var. <i>acrolobata</i>	-
Plantae	DICOT	<i>Dodonaea viscosa</i> subsp. <i>angustissima</i>	-
Plantae	DICOT	<i>Duboisia hopwoodii</i>	-
Plantae	DICOT	<i>Dysphania cristata</i>	-
Plantae	DICOT	<i>Dysphania kalpari</i>	-
Plantae	DICOT	<i>Dysphania pumilio</i>	-
Plantae	DICOT	<i>Echium plantagineum</i>	-
Plantae	DICOT	<i>Einadia nutans</i> subsp. <i>eremaea</i>	-
Plantae	DICOT	<i>Enchylaena tomentosa</i> var. <i>tomentosa</i>	-
Plantae	DICOT	<i>Enekbatus eremaeus</i>	-
Plantae	DICOT	<i>Eremophila alternifolia</i>	-
Plantae	DICOT	<i>Eremophila caerulea</i> subsp. <i>caerulea</i>	-
Plantae	DICOT	<i>Eremophila caperata</i>	-
Plantae	DICOT	<i>Eremophila decipiens</i>	-
Plantae	DICOT	<i>Eremophila decipiens</i> subsp. <i>decipiens</i>	-
Plantae	DICOT	<i>Eremophila dempsteri</i>	-
Plantae	DICOT	<i>Eremophila deserti</i>	-
Plantae	DICOT	<i>Eremophila gibbosa</i>	-
Plantae	DICOT	<i>Eremophila glabra</i> subsp. <i>glabra</i>	-
Plantae	DICOT	<i>Eremophila granitica</i>	-
Plantae	DICOT	<i>Eremophila interstans</i> subsp. <i>interstans</i>	-
Plantae	DICOT	<i>Eremophila ionantha</i>	-
Plantae	DICOT	<i>Eremophila ionantha</i> x <i>scoparia</i>	-
Plantae	DICOT	<i>Eremophila longifolia</i>	-
Plantae	DICOT	<i>Eremophila maculata</i> subsp. <i>brevifolia</i>	-
Plantae	DICOT	<i>Eremophila miniata</i>	-
Plantae	DICOT	<i>Eremophila oblonga</i>	-
Plantae	DICOT	<i>Eremophila oldfieldii</i> subsp. <i>angustifolia</i>	-
Plantae	DICOT	<i>Eremophila oppositifolia</i> subsp. <i>angustifolia</i>	-
Plantae	DICOT	<i>Eremophila parvifolia</i> subsp. <i>auricampa</i>	-
Plantae	DICOT	<i>Eremophila parvifolia</i> x <i>scoparia</i>	-
Plantae	DICOT	<i>Eremophila pustulata</i>	-
Plantae	DICOT	<i>Eremophila saligna</i>	-
Plantae	DICOT	<i>Eremophila scoparia</i>	-
Plantae	DICOT	<i>Eremophila serrulata</i>	-
Plantae	DICOT	<i>Eremophila</i> sp.	-
Plantae	DICOT	<i>Eriochiton sclerolaenoides</i>	-
Plantae	DICOT	<i>Erodium cicutarium</i>	-
Plantae	DICOT	<i>Erymophyllum ramosum</i>	-
Plantae	DICOT	<i>Erymophyllum ramosum</i> subsp. <i>ramosum</i>	-
Plantae	DICOT	<i>Erythrostemon gilliesii</i>	-
Plantae	DICOT	<i>Eucalyptus calycogona</i> subsp. <i>calycogona</i>	-
Plantae	DICOT	<i>Eucalyptus campaspe</i>	-
Plantae	DICOT	<i>Eucalyptus celastroides</i> subsp. <i>celastroides</i>	-
Plantae	DICOT	<i>Eucalyptus clelandiorum</i>	-
Plantae	DICOT	<i>Eucalyptus comitae-vallis</i>	-
Plantae	DICOT	<i>Eucalyptus concinna</i>	-

KINGDOM	CLASS	TAXON	WA CONS. CODE
Plantae	DICOT	<i>Eucalyptus griffithsii</i>	-
Plantae	DICOT	<i>Eucalyptus horistes</i>	-
Plantae	DICOT	<i>Eucalyptus incrassata</i>	-
Plantae	DICOT	<i>Eucalyptus leptophylla</i>	-
Plantae	DICOT	<i>Eucalyptus lesouefii</i>	-
Plantae	DICOT	<i>Eucalyptus longicornis</i>	-
Plantae	DICOT	<i>Eucalyptus oleosa</i> subsp. <i>oleosa</i>	-
Plantae	DICOT	<i>Eucalyptus ravidia</i>	-
Plantae	DICOT	<i>Eucalyptus salicola</i>	-
Plantae	DICOT	<i>Eucalyptus salmonophloia</i>	-
Plantae	DICOT	<i>Eucalyptus salubris</i>	-
Plantae	DICOT	<i>Eucalyptus stricklandii</i>	-
Plantae	DICOT	<i>Eucalyptus transcontinentalis</i>	-
Plantae	DICOT	<i>Eucalyptus trichopoda</i>	-
Plantae	DICOT	<i>Eucalyptus yilgarnensis</i>	-
Plantae	DICOT	<i>Euphorbia porcata</i>	-
Plantae	DICOT	<i>Exocarpos aphyllus</i>	-
Plantae	DICOT	<i>Frankenia cinerea</i>	-
Plantae	DICOT	<i>Frankenia interioris</i>	-
Plantae	DICOT	<i>Frankenia interioris</i> var. <i>interioris</i>	-
Plantae	DICOT	<i>Frankenia setosa</i>	-
Plantae	DICOT	<i>Gazania linearis</i>	-
Plantae	DICOT	<i>Glischrocaryon flavescens</i>	-
Plantae	DICOT	<i>Glycyrrhiza acanthocarpa</i>	-
Plantae	DICOT	<i>Gnephosis brevifolia</i>	-
Plantae	DICOT	<i>Gnephosis tenuissima</i>	-
Plantae	DICOT	<i>Goodenia elderi</i>	-
Plantae	DICOT	<i>Goodenia mimuloides</i>	-
Plantae	DICOT	<i>Grevillea acuaria</i>	-
Plantae	DICOT	<i>Grevillea huegelii</i>	-
Plantae	DICOT	<i>Grevillea nematophylla</i> subsp. <i>nematophylla</i>	-
Plantae	DICOT	<i>Grevillea obliquistigma</i> subsp. <i>obliquistigma</i>	-
Plantae	DICOT	<i>Grevillea oligomera</i>	-
Plantae	DICOT	<i>Grevillea sarissa</i> subsp. <i>bicolor</i>	-
Plantae	DICOT	<i>Grevillea sarissa</i> subsp. <i>sarissa</i>	-
Plantae	DICOT	<i>Gunniopsis quadrifida</i>	-
Plantae	DICOT	<i>Hakea minyma</i>	-
Plantae	DICOT	<i>Halgania andromedifolia</i>	-
Plantae	DICOT	<i>Halgania cyanea</i> var. Allambi Stn (B.W. Strong 676)	-
Plantae	DICOT	<i>Halgania cyanea</i> var. Charleville (R.W. Purdie +111)	-
Plantae	DICOT	<i>Haloragis maierae</i>	-
Plantae	DICOT	<i>Haloragis trigonocarpa</i>	-
Plantae	DICOT	<i>Helianthus annuus</i>	-
Plantae	DICOT	<i>Hemiphora elderi</i>	-
Plantae	DICOT	<i>Hovea acanthoclada</i>	-
Plantae	DICOT	<i>Hyalosperma glutinosum</i>	-
Plantae	DICOT	<i>Hyalosperma glutinosum</i> subsp. <i>glutinosum</i>	-
Plantae	DICOT	<i>Hyalosperma zacchaeus</i>	-
Plantae	DICOT	<i>Ipomoea calobra</i>	-
Plantae	DICOT	<i>Isoetopsis graminifolia</i>	-
Plantae	DICOT	<i>Jacksonia arida</i>	-
Plantae	DICOT	<i>Kippistia suaedifolia</i>	-
Plantae	DICOT	<i>Lachnostachys coolgardiensis</i>	-
Plantae	DICOT	<i>Lactuca serriola</i> forma <i>serriola</i>	-

KINGDOM	CLASS	TAXON	WA CONS. CODE
Plantae	DICOT	<i>Lawrencella rosea</i>	-
Plantae	DICOT	<i>Lawrenzia glomerata</i>	-
Plantae	DICOT	<i>Lawrenzia repens</i>	-
Plantae	DICOT	<i>Lawrenzia squamata</i>	-
Plantae	DICOT	<i>Lechenaultia brevifolia</i>	-
Plantae	DICOT	<i>Leiocarpa websteri</i>	-
Plantae	DICOT	<i>Lemooria burkittii</i>	-
Plantae	DICOT	<i>Lepidium oxytrichum</i>	-
Plantae	DICOT	<i>Lotus cruentus</i>	-
Plantae	DICOT	<i>Lycium australe</i>	-
Plantae	DICOT	<i>Lycium ferocissimum</i>	-
Plantae	DICOT	<i>Lysiana casuarinae</i>	-
Plantae	DICOT	<i>Maireana appressa</i>	-
Plantae	DICOT	<i>Maireana atkinsiana</i>	-
Plantae	DICOT	<i>Maireana brevifolia</i>	-
Plantae	DICOT	<i>Maireana carnosa</i>	-
Plantae	DICOT	<i>Maireana erioclada</i>	-
Plantae	DICOT	<i>Maireana eriosphaera</i>	-
Plantae	DICOT	<i>Maireana georgei</i>	-
Plantae	DICOT	<i>Maireana glomerifolia</i>	-
Plantae	DICOT	<i>Maireana pentatropis</i>	-
Plantae	DICOT	<i>Maireana pyramidata</i>	-
Plantae	DICOT	<i>Maireana radiata</i>	-
Plantae	DICOT	<i>Maireana sedifolia</i>	-
Plantae	DICOT	<i>Maireana suaedifolia</i>	-
Plantae	DICOT	<i>Maireana tomentosa</i> subsp. <i>tomentosa</i>	-
Plantae	DICOT	<i>Maireana trichoptera</i>	-
Plantae	DICOT	<i>Maireana triptera</i>	-
Plantae	DICOT	<i>Maireana turbinata</i>	-
Plantae	DICOT	<i>Malva parviflora</i>	-
Plantae	DICOT	<i>Malva weinmanniana</i>	-
Plantae	DICOT	<i>Marsdenia australis</i>	-
Plantae	DICOT	<i>Medicago laciniata</i>	-
Plantae	DICOT	<i>Medicago minima</i>	-
Plantae	DICOT	<i>Medicago polymorpha</i>	-
Plantae	DICOT	<i>Melaleuca fulgens</i> subsp. <i>fulgens</i>	-
Plantae	DICOT	<i>Melaleuca hamata</i>	-
Plantae	DICOT	<i>Melaleuca lateriflora</i>	-
Plantae	DICOT	<i>Melaleuca pauperiflora</i> subsp. <i>fastigiata</i>	-
Plantae	DICOT	<i>Melaleuca sheathiana</i>	-
Plantae	DICOT	<i>Melia azedarach</i>	-
Plantae	DICOT	<i>Mesembryanthemum crystallinum</i>	-
Plantae	DICOT	<i>Mesembryanthemum nodiflorum</i>	-
Plantae	DICOT	<i>Minuria cunninghamii</i>	-
Plantae	DICOT	<i>Monoculus monstrosus</i>	-
Plantae	DICOT	<i>Myoporum montanum</i>	-
Plantae	DICOT	<i>Myosurus australis</i>	-
Plantae	DICOT	<i>Nicotiana glauca</i>	-
Plantae	DICOT	<i>Nitraria billardierei</i>	-
Plantae	DICOT	<i>Olearia muelleri</i>	-
Plantae	DICOT	<i>Olearia pimeleoides</i>	-
Plantae	DICOT	<i>Oligocarpus calendulaceus</i>	-
Plantae	DICOT	<i>Omphalolappula concava</i>	-
Plantae	DICOT	<i>Oncosiphon suffruticosum</i>	-

KINGDOM	CLASS	TAXON	WA CONS. CODE
Plantae	DICOT	<i>Opuntia elata</i>	-
Plantae	DICOT	<i>Opuntia ficus-indica</i>	-
Plantae	DICOT	<i>Opuntia</i> sp.	-
Plantae	DICOT	<i>Orbea variegata</i>	-
Plantae	DICOT	<i>Oxalis bowiei</i>	-
Plantae	DICOT	<i>Oxalis pes-caprae</i>	-
Plantae	DICOT	<i>Oxalis</i> sp.	-
Plantae	DICOT	<i>Persicaria prostrata</i>	-
Plantae	DICOT	<i>Phebalium canaliculatum</i>	-
Plantae	DICOT	<i>Phyla canescens</i>	-
Plantae	DICOT	<i>Phyllangium sulcatum</i>	-
Plantae	DICOT	<i>Physopsis viscida</i>	-
Plantae	DICOT	<i>Pittosporum angustifolium</i>	-
Plantae	DICOT	<i>Plantago debilis</i>	-
Plantae	DICOT	<i>Plantago drummondii</i>	-
Plantae	DICOT	<i>Podolepis aristata</i> subsp. <i>affinis</i>	-
Plantae	DICOT	<i>Podolepis capillaris</i>	-
Plantae	DICOT	<i>Podolepis rugata</i>	-
Plantae	DICOT	<i>Podotheca wilsonii</i>	-
Plantae	DICOT	<i>Polygonum aviculare</i>	-
Plantae	DICOT	<i>Pomaderris forrestiana</i>	-
Plantae	DICOT	<i>Portulacaria afra</i>	-
Plantae	DICOT	<i>Prostanthera althoferi</i> subsp. <i>althoferi</i>	-
Plantae	DICOT	<i>Prostanthera campbellii</i>	-
Plantae	DICOT	<i>Prostanthera grylloana</i>	-
Plantae	DICOT	<i>Prostanthera incurvata</i>	-
Plantae	DICOT	<i>Ptilotus aevoides</i>	-
Plantae	DICOT	<i>Ptilotus carlsonii</i>	-
Plantae	DICOT	<i>Ptilotus exaltatus</i>	-
Plantae	DICOT	<i>Ptilotus helichrysoides</i>	-
Plantae	DICOT	<i>Ptilotus holosericeus</i>	-
Plantae	DICOT	<i>Ptilotus obovatus</i>	-
Plantae	DICOT	<i>Radyera farragei</i>	-
Plantae	DICOT	<i>Rhagodia drummondii</i>	-
Plantae	DICOT	<i>Rhagodia eremaea</i>	-
Plantae	DICOT	<i>Rhodanthe chlorocephala</i> subsp. <i>rosea</i>	-
Plantae	DICOT	<i>Rhodanthe chlorocephala</i> subsp. <i>splendida</i>	-
Plantae	DICOT	<i>Rhodanthe floribunda</i>	-
Plantae	DICOT	<i>Rhodanthe haigii</i>	-
Plantae	DICOT	<i>Rhodanthe laevis</i>	-
Plantae	DICOT	<i>Rhodanthe oppositifolia</i> subsp. <i>oppositifolia</i>	-
Plantae	DICOT	<i>Rhodanthe pygmaea</i>	-
Plantae	DICOT	<i>Rhodanthe rubella</i>	-
Plantae	DICOT	<i>Rhodanthe stricta</i>	-
Plantae	DICOT	<i>Roepera aurantiaca</i> subsp. <i>aurantiaca</i>	-
Plantae	DICOT	<i>Roepera eremaea</i>	-
Plantae	DICOT	<i>Roepera glauca</i>	-
Plantae	DICOT	<i>Rumex vesicarius</i>	-
Plantae	DICOT	<i>Salsola australis</i>	-
Plantae	DICOT	<i>Salvia reflexa</i>	-
Plantae	DICOT	<i>Salvia verbenaca</i>	-
Plantae	DICOT	<i>Salvia verbenaca</i> (cleistogamous form)	-
Plantae	DICOT	<i>Salvia verbenaca</i> (typical form)	-
Plantae	DICOT	<i>Santalum acuminatum</i>	-

KINGDOM	CLASS	TAXON	WA CONS. CODE
Plantae	DICOT	<i>Santalum spicatum</i>	-
Plantae	DICOT	<i>Scaevola spinescens</i>	-
Plantae	DICOT	<i>Schinus molle</i> var. <i>areira</i>	-
Plantae	DICOT	<i>Schoenia cassiniana</i>	-
Plantae	DICOT	<i>Sclerolaena cuneata</i>	-
Plantae	DICOT	<i>Sclerolaena diacantha</i>	-
Plantae	DICOT	<i>Sclerolaena drummondii</i>	-
Plantae	DICOT	<i>Sclerolaena eurotioides</i>	-
Plantae	DICOT	<i>Sclerolaena fusiformis</i>	-
Plantae	DICOT	<i>Sclerolaena gardneri</i>	-
Plantae	DICOT	<i>Sclerolaena obliquicuspis</i>	-
Plantae	DICOT	<i>Sclerolaena parviflora</i>	-
Plantae	DICOT	<i>Senecio dolichocephalus</i>	-
Plantae	DICOT	<i>Senecio glossanthus</i>	-
Plantae	DICOT	<i>Senecio lacustrinus</i>	-
Plantae	DICOT	<i>Senecio magnificus</i>	-
Plantae	DICOT	<i>Senna artemisioides</i>	-
Plantae	DICOT	<i>Senna artemisioides</i> subsp. <i>filifolia</i>	-
Plantae	DICOT	<i>Senna pleurocarpa</i>	-
Plantae	DICOT	<i>Senna stowardii</i>	-
Plantae	DICOT	<i>Seringia velutina</i>	-
Plantae	DICOT	<i>Sida intricata</i>	-
Plantae	DICOT	<i>Sisymbrium irio</i>	-
Plantae	DICOT	<i>Sisymbrium orientale</i>	-
Plantae	DICOT	<i>Solanum esuriale</i>	-
Plantae	DICOT	<i>Solanum lasiophyllum</i>	-
Plantae	DICOT	<i>Solanum nigrum</i>	-
Plantae	DICOT	<i>Solanum nummularium</i>	-
Plantae	DICOT	<i>Solanum petrophilum</i>	-
Plantae	DICOT	<i>Solanum plicatile</i>	-
Plantae	DICOT	<i>Solanum simile</i>	-
Plantae	DICOT	<i>Sonchus oleraceus</i>	-
Plantae	DICOT	<i>Spergularia diandra</i>	-
Plantae	DICOT	<i>Spergularia marina</i>	-
Plantae	DICOT	<i>Stenopetalum lineare</i> var. <i>lineare</i>	-
Plantae	DICOT	<i>Stenopetalum pedicellare</i>	-
Plantae	DICOT	<i>Streptoglossa liatroides</i>	-
Plantae	DICOT	<i>Surreya diandra</i>	-
Plantae	DICOT	<i>Swainsona affinis</i>	-
Plantae	DICOT	<i>Swainsona beasleyana</i>	-
Plantae	DICOT	<i>Swainsona canescens</i>	-
Plantae	DICOT	<i>Swainsona colutooides</i>	-
Plantae	DICOT	<i>Swainsona gracilis</i>	-
Plantae	DICOT	<i>Swainsona incei</i>	-
Plantae	DICOT	<i>Swainsona kingii</i>	-
Plantae	DICOT	<i>Swainsona leeana</i>	-
Plantae	DICOT	<i>Swainsona oliveri</i>	-
Plantae	DICOT	<i>Swainsona oroboides</i>	-
Plantae	DICOT	<i>Swainsona purpurea</i>	-
Plantae	DICOT	<i>Swainsona rostellata</i>	-
Plantae	DICOT	<i>Symphytotrichum squamatum</i>	-
Plantae	DICOT	<i>Tamarix chinensis</i>	-
Plantae	DICOT	<i>Tecticornia disarticulata</i>	-
Plantae	DICOT	<i>Tecticornia doliiformis</i>	-

KINGDOM	CLASS	TAXON	WA CONS. CODE
Plantae	DICOT	<i>Tecticornia indica</i> subsp. <i>bidens</i>	-
Plantae	DICOT	<i>Tecticornia pergranulata</i> subsp. <i>pergranulata</i>	-
Plantae	DICOT	<i>Tecticornia pruinosa</i>	-
Plantae	DICOT	<i>Tecticornia pterygosperma</i> subsp. <i>pterygosperma</i>	-
Plantae	DICOT	<i>Tecticornia triandra</i>	-
Plantae	DICOT	<i>Tecticornia undulata</i>	-
Plantae	DICOT	<i>Templetonia incrassata</i>	-
Plantae	DICOT	<i>Tetragonia eremaea</i>	-
Plantae	DICOT	<i>Teucrium sessiliflorum</i>	-
Plantae	DICOT	<i>Trachymene ornata</i>	-
Plantae	DICOT	<i>Tribulus terrestris</i>	-
Plantae	DICOT	<i>Trichanthodium skirrophorum</i>	-
Plantae	DICOT	<i>Trichodesma zeylanicum</i>	-
Plantae	DICOT	<i>Triptilodiscus pygmaeus</i>	-
Plantae	DICOT	<i>Trymalium myrtillus</i> subsp. <i>myrtillus</i>	-
Plantae	DICOT	<i>Urtica urens</i>	-
Plantae	DICOT	<i>Velleia rosea</i>	-
Plantae	DICOT	<i>Vincetoxicum lineare</i>	-
Plantae	DICOT	<i>Vittadinia dissecta</i> var. <i>hirta</i>	-
Plantae	DICOT	<i>Vittadinia humerata</i>	-
Plantae	DICOT	<i>Vittadinia</i> sp.	-
Plantae	DICOT	<i>Vittadinia sulcata</i>	-
Plantae	DICOT	<i>Waitzia acuminata</i> var. <i>acuminata</i>	-
Plantae	DICOT	<i>Waitzia fitzgibbonii</i>	-
Plantae	DICOT	<i>Westringia cephalantha</i>	-
Plantae	DICOT	<i>Westringia rigida</i>	-
Plantae	DICOT	<i>Xanthium spinosum</i>	-
Plantae	DICOT	<i>Zygophyllum aurantiacum</i>	-
Plantae	DICOT	<i>Zygophyllum compressum</i>	-
Plantae	DICOT	<i>Zygophyllum eremaeum</i>	-
Plantae	DICOT	<i>Zygophyllum fruticosum</i>	-
Plantae	DICOT	<i>Zygophyllum glaucum</i>	-
Plantae	DICOT	<i>Zygophyllum ovatum</i>	-
Plantae	DICOT	<i>Zygophyllum reticulatum</i>	-
Plantae	FERN	<i>Cheilanthes adiantoides</i>	-
Plantae	GYMNO	<i>Callitris columellaris</i>	-
Plantae	GYMNO	<i>Callitris preissii</i>	-
Plantae	MONOCOT	<i>Isolepis australiensis</i>	Priority 3
Plantae	MONOCOT	<i>Agave americana</i>	-
Plantae	MONOCOT	<i>Austrostipa drummondii</i>	-
Plantae	MONOCOT	<i>Austrostipa elegantissima</i>	-
Plantae	MONOCOT	<i>Austrostipa nitida</i>	-
Plantae	MONOCOT	<i>Austrostipa scabra</i>	-
Plantae	MONOCOT	<i>Bromus arenarius</i>	-
Plantae	MONOCOT	<i>Bromus catharticus</i>	-
Plantae	MONOCOT	<i>Bromus diandrus</i>	-
Plantae	MONOCOT	<i>Bulbine semibarbata</i>	-
Plantae	MONOCOT	<i>Caladenia roei</i>	-
Plantae	MONOCOT	<i>Cenchrus ciliaris</i>	-
Plantae	MONOCOT	<i>Chloris truncata</i>	-
Plantae	MONOCOT	<i>Dactyloctenium radulans</i>	-
Plantae	MONOCOT	<i>Danthonia caespitosa</i>	-
Plantae	MONOCOT	<i>Dichanthium sericeum</i> subsp. <i>sericeum</i>	-
Plantae	MONOCOT	<i>Digitaria ammophila</i>	-

KINGDOM	CLASS	TAXON	WA CONS. CODE
Plantae	MONOCOT	<i>Digitaria brownii</i>	-
Plantae	MONOCOT	<i>Ehrharta villosa</i>	-
Plantae	MONOCOT	<i>Elymus scaber</i>	-
Plantae	MONOCOT	<i>Enneapogon avenaceus</i>	-
Plantae	MONOCOT	<i>Enneapogon caeruleus</i>	-
Plantae	MONOCOT	<i>Enneapogon cylindricus</i>	-
Plantae	MONOCOT	<i>Enteropogon acicularis</i>	-
Plantae	MONOCOT	<i>Enteropogon ramosus</i>	-
Plantae	MONOCOT	<i>Eragrostis dielsii</i>	-
Plantae	MONOCOT	<i>Eragrostis setifolia</i>	-
Plantae	MONOCOT	<i>Eragrostis xerophila</i>	-
Plantae	MONOCOT	<i>Gahnia deusta</i>	-
Plantae	MONOCOT	<i>Hordeum glaucum</i>	-
Plantae	MONOCOT	<i>Hordeum leporinum</i>	-
Plantae	MONOCOT	<i>Panicum decompositum</i>	-
Plantae	MONOCOT	<i>Paspalidium constrictum</i>	-
Plantae	MONOCOT	<i>Paspalidium reflexum</i>	-
Plantae	MONOCOT	<i>Pennisetum villosum</i>	-
Plantae	MONOCOT	<i>Pterostylis</i> sp. inland (A.C. Beauglehole 11880)	-
Plantae	MONOCOT	<i>Rostraria pumila</i>	-
Plantae	MONOCOT	<i>Ruppia polycarpa</i>	-
Plantae	MONOCOT	<i>Rytidosperma caespitosum</i>	-
Plantae	MONOCOT	<i>Schismus arabicus</i>	-
Plantae	MONOCOT	<i>Schismus barbatus</i>	-
Plantae	MONOCOT	<i>Setaria dielsii</i>	-
Plantae	MONOCOT	<i>Sorghum halepense</i>	-
Plantae	MONOCOT	<i>Stipa nitida</i>	-
Plantae	MONOCOT	<i>Stipa</i> sp.	-
Plantae	MONOCOT	<i>Triodia scariosa</i>	-
Plantae	MONOCOT	<i>Wurmbea tenella</i>	-
Plantae	MOSS	<i>Aloina bifrons</i>	-
Plantae	MOSS	<i>Barbula luteola</i>	-
Plantae	MOSS	<i>Bryum lanatum</i>	-
Plantae	MOSS	<i>Crossidium davidai</i>	-
Plantae	MOSS	<i>Didymodon torquatus</i>	-
Plantae	MOSS	<i>Fissidens megalotis</i>	-
Plantae	MOSS	<i>Grimmia laevigata</i>	-
Plantae	MOSS	<i>Rosulabryum billardierii</i>	-
Plantae	MOSS	<i>Tortula muralis</i>	-

APPENDIX F – INHERIT DATABASE SEARCH RESULTS

Goldfields Water Supply Scheme

Author - Heritage Council

Place Number - 16610



Location - Mundaring

Location Details - P25251 Goldfields Water Supply Scheme is part of this place and is on the National Heritage List. Starts in Mundaring, at Mundaring Weir and travels through the Shires of Mundaring, Northam, Cunderdin, Tammin, Kellerberrin, Merredin, Westonia, Yilgarn, Coolgardie and Kalgoorlie-Boulder.

Other Name(s) - Golden Pipeline

Local Government - Mundaring

Region - Metropolitan

Construction Date - Constructed from 1898

Demolition Year - N/A

Statutory Heritage Listings

Type	Status	Date	Documents
State Register	Registered	08 Dec 2022	HCWebsite.Listing+ListingDocument, HCWebsite.Listing+ListingDocument

Parent Place or Precinct - 25251 Goldfields Water Supply Scheme (NHL)

Child Places

- 02789 No. 6 Steam Pumping Station (fmr), Ghooli
- 00649 No 3 Pumping Station
- 10062 Karalee Reservoir, Rock Catchment & Aqueduct
- 03660 Toorak Hill, Goldfields Water Supply Reservoir
- 15727 Mount Charlotte Reservoir
- 01677 No 1 Pumping Station Museum
- 10072 Caroling Rocks Dam No. 16
- 10869 Bronti Tank
- 01675 Mundaring Weir Hotel
- 01564 No. 4 Steam Pumping Station
- 01676 Mundaring Weir Hall
- 00647 Railway Water Tower, Cunderdin
- 08540 Mundaring Weir School & Quarters (fmr)
- 05977 Koorarawalyee Tank
- 00583 Old Pumping Station
- 08539 No 2 Pumping Station - Site of

Values

The place is an excellent example of an initiative by the Western Australian Government to provide water to the Goldfields at the turn of the century. The place is rare as one of the largest pipelines in Western Australia, possibly the largest that supplies water. The place has aesthetic value as a landmark feature extending from Mundaring to Kalgoorlie. The place is rare and has scientific value as an innovative engineering design and construction method of a pipeline from the early 20th Century. The place is rare as a long-distance water pipeline in Australia built in the early 1900's.

Statement of Significance

The Goldfields Water Supply Scheme, demonstrates exceptional technical achievement as one of the longest overland pipeline schemes attempted in the nineteenth century, both in Australia and the world, and was recognised as an outstanding engineering achievement; The has exceptional value in demonstrating the historical importance of the provision of water to settlements along the route from Mundaring to the Eastern Goldfields, The construction and operation of the Pipeline had considerable importance in contributing to the sense of place for the people of Western Australia, and visitors to the State, as a highly valued tourist destination, the educational, cultural and aesthetic aspects of which are appreciated by history and engineering enthusiasts and teachers to this day; Individual elements of the place, including the existing interpretation associated with the Golden Pipeline Heritage Trail, museums, archaeological sites and remaining buildings and infrastructure, collectively have exceptional potential to communicate the history of the Goldfields Water Supply Scheme and its importance to Western Australia; The place is associated with a number of notable figures in Western Australian history, including the Scheme's designer CY O'Connor, State and Federal politician Lord John Forrest, the Director of the Public Works Department HW Venn and former Superintendent of Public Works, architect George Temple Poole, who each contributed to the successful completion of the Goldfields Water Supply Scheme; and The place is an exceptional example of applied science, technical excellence and innovative design, reflecting the ongoing ingenuity and innovation demonstrated by the talented and committed engineers employed by the Goldfields Water Supply Branch, Public Works Department and other iterations of the Water Corporation in the provision of water in the State. The longevity of the scheme is associated with innovators Mephan Ferguson, James Couston, engineers Norman Fernie and Reg Keating, and James Mathers.

Physical Description

The Goldfields Water Supply Scheme extends in a discontinuous precinct across the 560km linear water pipeline, commencing at Mundaring Weir (1902, 1951) in the Helena Valley and terminating at Mount Charlotte Reservoir (1902) in Kalgoorlie-Boulder. Comprising six extant original Steam Pump Stations (1902) at Mundaring, Cunderdin, Merredin, Yerbillion, Ghooli and Dedari; the sites of two demolished Steam Pump Stations (1902) at O'Connor and Gilgai; Reservoirs and Tanks at O'Connor, Sawyers Valley, Bakers Hill, West Northam, Cunderdin, Merredin, Yerbillion, Ghooli, Bronti, Gilgai, Koorawawalyee, Dedari, Toorak, and Bullabulling; second generation Electric Pump Station at Merredin, and other community sites, ancillary structures; equipment and machinery, archaeological sites; and discontinuous portions of the main pipeline conduit associated with the construction and operation of the Scheme from 1902 to the present.

History

Phase I - Construction of the Goldfields Water Supply Scheme (1898 - 1903) Phase II – Problem Solving and Agricultural Expansion (1904 - 1940) Phase III – Comprehensive Water Supply Scheme, Upgrades & Refurbishments (1946 - 2013) Phase IV - Heritage Recognition and The Golden Pipeline (1992 - 2011)

Integrity/Authenticity - High

Condition - Good

Associations

Name	Type	Year From	Year To
Charles Yelverton O'Connor	Architect	1898	1902

State Heritage Office library entries

Library Id	Title	Medium	Year Of Publication
6452	Mundaring Weir Precinct masterplan : final master plan report.	Heritage Study {Other}	2002
7358	Conservation plan for Goldfields Water Supply Scheme. Volume II, place M : No. 8 Pumping Station, Dedari.	Heritage Study {Cons'n Plan}	1999
11426	Goldfields Water Supply Volume III	Heritage Study {Cons'n Plan}	1999
4897	Conservation plan for Karalee Rock Water Catchment (Goldfields Water Supply Scheme - place J).	Heritage Study {Cons'n Plan}	2000
7359	Conservation plan for Goldfields Water Supply Scheme. Volume II, place N : Bullabulling reservoir.	Heritage Study {Cons'n Plan}	1999
9248	Constructing Australia: Triumphs and tragedies in building a nation.	C D Rom	2007
6390	Pipe-dream to pipeline : the eventful life of Nathaniel W. Harper.	Book	2001
3680	Conservation plan for No. 3 Pumping Station, Cunderdin.	Heritage Study {Cons'n Plan}	1998
1774	An exploratory bibliography of the Goldfields Water Supply of Western Australia (draft).	Report	1982
4504	Conservation plan for Mount Charlotte Reservoir (Goldfields water supply scheme - place O).	Heritage Study {Cons'n Plan}	2000
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6788	Conservation plan for Koorarawlyee water catchment and railway station (Draft) (Goldfields Water Supply Scheme - place U).	Heritage Study {Cons'n Plan}	2001
9806	Mundaring Weir water Supply interpretation precinct design.	Book	2010
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