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RPI DEVELOPMENT APPLICATION SUPPORTING INFORMATION

AEON WALFORD EXPLORATION PTY LTD
WALFORD EAST

JUNE 2022

AEO001

Document Control Sheet

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1. Introduction

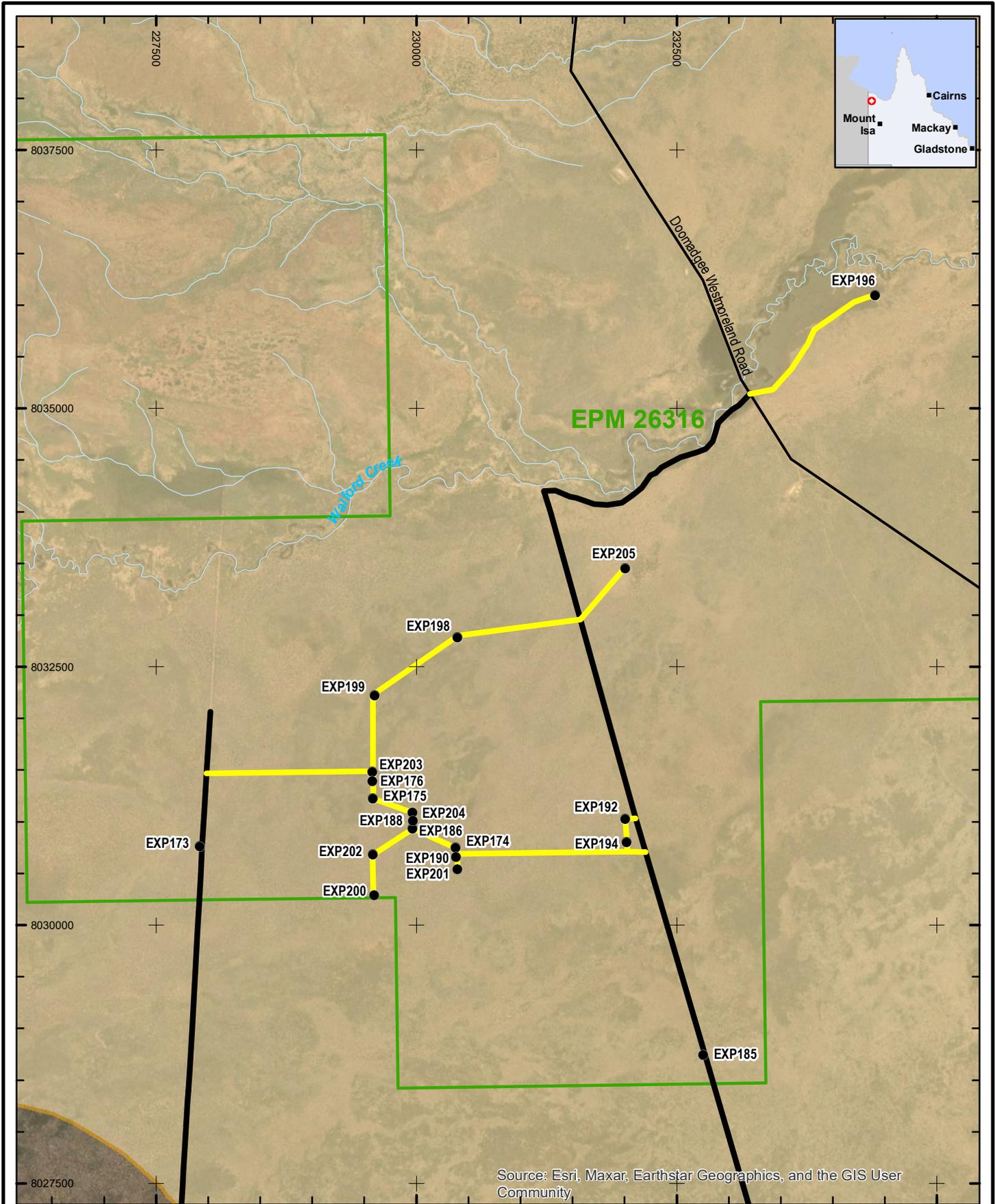
Aeon Walford Exploration Pty Ltd (Aeon) proposes to undertake exploration drilling for minerals on Exploration Permit for Minerals (EPM) 26316 as part of the Walford East Project located approximately 43km northwest of Doomadgee in northwest Queensland. The Walford East Project makes up part of the overall Aeon's Walford Creek Project.

The Walford East exploration project is situated within the Gulf Rivers Strategic Environmental Area (SEA) (**Figure 1**) and therefore Aeon requires approval under section 28 of the *Regional Planning Interests Act 2014* (RPI Act). Aeon holds an existing Environmental Authority (EA) (EPSX04249516) and is therefore an eligible person under section 28 of the RPI Act.

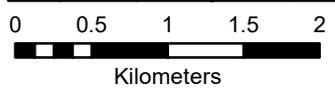
Pursuant to section 34(2) of the RPI Act and section 13 of *Regional Planning Interests Regulation 2014* (RPI Regulation), the assessment application is not notifiable as the proposed exploration activities will be carried out in a SEA and not a priority living area. However, in accordance with section 34(4) of the RPI Act, the assessment application can become notifiable if the chief executive provides Aeon with a notice requiring the application to be notifiable.

Pursuant to section 12(2) of the RPI Regulation, the assessing agencies for a SEA are the Department of Environment and Science (DES) and the Department of Resources (DoR). The function of DES is to assess the expected impact of the activity on the ecological integrity of the environmental attributes for the area that relate to riparian processes, wildlife corridors or water quality. While the function of DoR is to assess the expected impact of the activity on the hydrodynamics of, and interactions with, the environmental attributes for the area that relate to hydrologic or geomorphic processes or beneficial flooding.

This report will discuss the environment attributes and expected impacts of this proposed exploration project on the environmental attributes.



Source: Esri, Maxar, Earthstar Geographics, and the GIS User Community



AEON WALFORD EXPLORATION PTY LTD
EPM 26316



	Exploration Activities Areas of Regional Interest Strategic Environmental Area	EPM Boundary Local Connector Road Minor Watercourse Existing Pastoral Track Proposed Track (3m width) Proposed Drill Pad (20m x 15m)	Areas of Regional Interest Strategic Environmental Area	
	Figure 1 Sheet No. RTPL_ARD_AEO001_MAP_0002_A	Drawn By: Chris Schlebusch Requested by: Jacob Arnold Date: 14/06/2022	Data sources: ©State of Queensland, Department of Resources ©Geoscience Australia	

1.1 The Applicant and Project Overview

Aeon Walford Exploration Pty Ltd (ACN 634 353 610) is a wholly owned subsidiary of Aeon Metals Limited (ACN 121 964 725) (Aeon Metals). Aeon Metals is an Australian-based mineral exploration company listed on the Australian Stock Exchange (ASX code: AML). The Company has an extensive exploration tenement portfolio in the world-class Mt Isa mineral province in North West Queensland; as well as the Rawbelle district in South East Queensland. Aeon Metals’ tenements are prospective for Copper, Cobalt, Gold, Lead, Zinc, Molybdenum and Silver. Aeon Metals’ flagship asset, and highest priority tenement, is the 100% owned Walford Creek Project, which is an advanced world-class Copper-Cobalt project and one of the highest-grade significant cobalt deposits in Australia.

1.2 Property and Tenure Details

A summary of the property and tenure details situated within EPM 26316 are shown in **Table 1**. Title searches have been attached at **Appendix 1**.

Table 1 Property and Tenure details within EPM 26316

Category	Land Parcel 1	Land Parcel 2
Lot/Plan	Lot 1 on CP887914	Lot 11 on SP320130
Property Name	Turn Off Lagoons	Bowthorn
Tenure	Lands Lease	Lands Lease
Landholder	Turn Off Lagoons Pastoral Holding Company Pty Ltd A.C.N. 085 377 304	Edward Sparke Charles Throsby

EPM 26316 is situated within Lot 1 on CP887914 and Lot 11 on SP320130, the majority of disturbance associated with exploration activities will occur within Lot 1 on CP887914.

EPM 26316 was originally granted to Footprint Resources Pty Limited (Footprint) on 29 May 2017 for a period of five years expiring on 28 May 2022 (a renewal application has been lodged to DoR). Aeon entered into an agreement with Footprint, whereby 100% interest in EPM 26316 was to be transferred to Aeon. This transfer was approved on 5 January 2021 with EPM 26316 now 100% held by Aeon. The tenement was granted over an area of 60 sub-blocks (approximately 19,564ha).

Standard EA EPSX04249516 was granted as a part of the approval for EPM 26316, requiring Aeon to comply with the terms and conditions of the *“Eligibility criteria and standard conditions for exploration and mineral development projects – ESR/2016/1985”*, as produced by DES.

2. Proposed Activities

Aeon proposes to undertake the following resource activities under the Walford East Project, which will fall within EPM 26316, Lot 1 on CP887914, Lot 11 on SP320130 and the Gulf Rivers SEA:

1. Construction of an access track; and
2. Establishment of nineteen drill pads.

There will be 19 drillholes over EPM 26316.

A summary of the proposed activities, their locations and expected disturbance levels are summarised in **Table 2**. Definitions of each activity are described in **Table 3**, in addition, a schematic of the proposed drill pad is illustrated in **Figure 2**.

Table 2 Summary of proposed activities and their estimated disturbance

Activity	Number	Location	Total disturbance (ha)																																																																		
Access tracks	As required	Lot 1 on CP887914	3.41ha (3m wide tracks)																																																																		
Drill pads	19	<table border="1"> <thead> <tr> <th>Drillhole</th> <th>Easting</th> <th>Northing</th> </tr> </thead> <tbody> <tr> <td colspan="3">Lot 1 on CP887914:</td> </tr> <tr> <td>EXP174</td> <td>230380</td> <td>8030745</td> </tr> <tr> <td>EXP175</td> <td>229582</td> <td>8031223</td> </tr> <tr> <td>EXP176</td> <td>229580</td> <td>8031394</td> </tr> <tr> <td>EXP185</td> <td>232757</td> <td>8028737</td> </tr> <tr> <td>EXP186</td> <td>229969</td> <td>8031009</td> </tr> <tr> <td>EXP188</td> <td>229964</td> <td>8030931</td> </tr> <tr> <td>EXP190</td> <td>230384</td> <td>8030658</td> </tr> <tr> <td>EXP192</td> <td>232006</td> <td>8031026</td> </tr> <tr> <td>EXP194</td> <td>232019</td> <td>8030801</td> </tr> <tr> <td>EXP196</td> <td>234408</td> <td>8036095</td> </tr> <tr> <td>EXP198</td> <td>230396</td> <td>8032780</td> </tr> <tr> <td>EXP199</td> <td>229600</td> <td>8032222</td> </tr> <tr> <td>EXP200</td> <td>229597</td> <td>8030288</td> </tr> <tr> <td>EXP201</td> <td>230394</td> <td>8030538</td> </tr> <tr> <td>EXP202</td> <td>229583</td> <td>8030683</td> </tr> <tr> <td>EXP203</td> <td>229578</td> <td>8031481</td> </tr> <tr> <td>EXP204</td> <td>229964</td> <td>8031087</td> </tr> <tr> <td>EXP205</td> <td>232008</td> <td>8033448</td> </tr> <tr> <td colspan="3">Lot 11 on SP320130:</td> </tr> <tr> <td>EXP173</td> <td>227920</td> <td>8030763</td> </tr> </tbody> </table> <p>Coordinates are GDA94 MGA Zone 54</p>	Drillhole	Easting	Northing	Lot 1 on CP887914:			EXP174	230380	8030745	EXP175	229582	8031223	EXP176	229580	8031394	EXP185	232757	8028737	EXP186	229969	8031009	EXP188	229964	8030931	EXP190	230384	8030658	EXP192	232006	8031026	EXP194	232019	8030801	EXP196	234408	8036095	EXP198	230396	8032780	EXP199	229600	8032222	EXP200	229597	8030288	EXP201	230394	8030538	EXP202	229583	8030683	EXP203	229578	8031481	EXP204	229964	8031087	EXP205	232008	8033448	Lot 11 on SP320130:			EXP173	227920	8030763	0.57ha 19 x (20m x 15m)
		Drillhole	Easting	Northing																																																																	
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TOTAL DISTURBANCE FOR 19 TARGET SITES:			3.98ha																																																																		

Table 3 Definitions of resource activities

Resource Activity	Definition
Access tracks	A cleared track approximately 3m wide to facilitate vehicular access of drilling equipment and personnel.
Drill pads	As shown in Figure 2 , the drill pad is a 20m x 15m (0.03ha) area used to provide a stable platform for the reverse circulation and diamond tail drilling procedure.



Figure 2 Schematic of the Proposed Drill Pad

2.1 Drilling Program

The exploration target is for new economy critical minerals, primarily cobalt and copper identical to that seen at the adjacent Walford Creek mineral resources. The existing resources are bound by breccia hosted and/or replacement copper ± cobalt with a Zn-Pb-Ag halo in dolomitic, carbonaceous and pyritic sediments of the Paleoproterozoic Mt Les Unit adjacent to the Fish River Fault. The proposed drilling intends to test for extensions of this mineralised system along the regionally East West trending Fish River Fault. Drill planning has taken place by applying the Walford Creek geological model using existing geophysical data, to target interpreted locations where the Fish River Fault or its splays have intersected the PY3 unit within the lower Mount Less Siltstones. Minimal drilling data exists for the area, so knowledge of the aquifers within the area is limited, however no significant aquifers are expected.

The target depths for drillholes are below in **Table 4** and range from 230m to 600m. Actual hole depths may exceed predicted depths. The on-duty geologist will inform if the target has been reached.

Table 4 Drillhole Depths

Site	Estimated Target Depth (m)	Site	Estimated Target Depth (m)
EXP173	300	EXP196	420
EXP174	230	EXP198	600
EXP175	300	EXP199	230
EXP176	450	EXP200	300
EXP185	300	EXP201	230
EXP186	230	EXP202	230
EXP188	230	EXP203	450
EXP190	230	EXP204	450
EXP192	230	EXP205	450
EXP194	230		

Drillholes will be completely grouted following the completion of drilling to prevent groundwater leakage between aquifers and the surface according to the Minimum Construction Requirements for Water Bores in Australia.

Clearing and minor earthworks may be required to prepare drill pads at the proposed sites. The drill pad will contain the drill rig and associated vehicles in addition to the drill sumps to hold drilling waters.

Drill pads have been selected on both geological and environmental grounds. Aeon has, where necessary, after determining the location of the geological anomaly also considered the corresponding environmental attribute(s) for that area. Geological anomalies are typically large enough that drill hole locations can be moved, without losing confidence in the quality of the drilling results.

Clearing is likely to be undertaken with the following equipment:

- Grader; and
- wheeled loader / backhoe.

The vegetation clearing will use the “blade up” method where possible, so that vegetation is cleared while minimising disturbance to roots and topsoil. The preparation of the drill sites may involve topsoil disturbance (to create a safe, level site) and in this case, cleared vegetation will be stockpiled separately from topsoil. The excavation of drill sumps is likely to use a wheeled loader/backhoe. Excavated subsoil soils will be stockpiled separately from topsoil.

Drilling equipment is likely to include the following equipment:

- drill rig (3 or 4 axle body truck);
- support truck (3 or 4 axle body truck);
- water truck (3 or 4 axle body truck); and
- light vehicles (4WD ute).

Appendix 2 shows the extent of the proposed drill pads. Each drill pad will be no larger than 20m x 15m (0.03ha).

Site rehabilitation will be undertaken in accordance with the *Eligibility criteria and standard conditions for exploration and mineral development projects – Version 2 (2016)*. This includes, but not limited to:

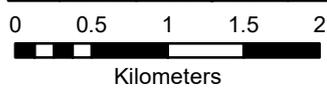
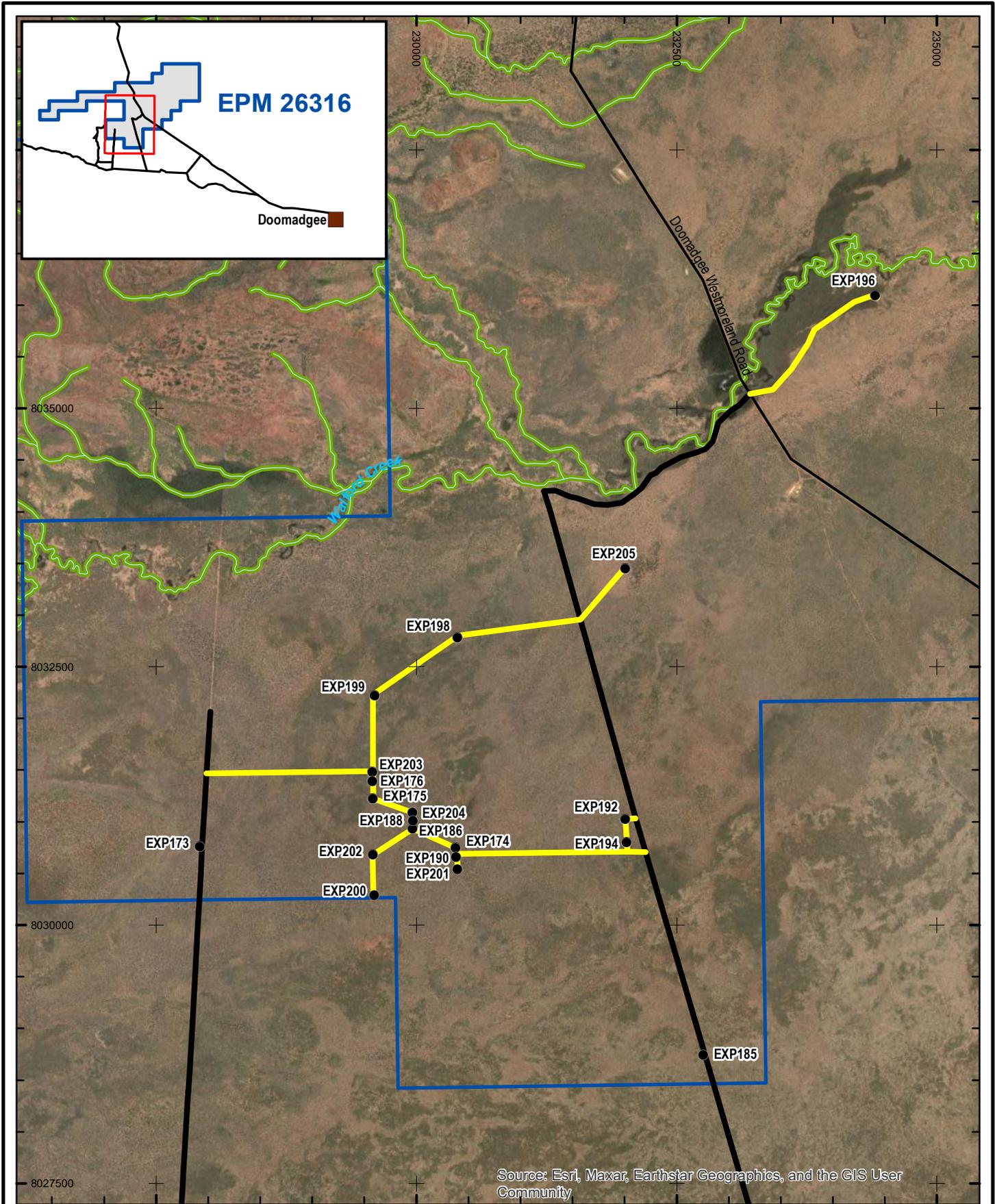
- Condition B26: The holder of the environmental authority must backfill all excavations, drill holes or sampling sites as soon as practical following the completion of exploration activities.
- Condition B27: Condition B26 does not apply to any excavations, drill holes or sampling sites that are to remain after the completion of exploration activities, by agreement with the landowner.
- Condition B28: The holder of the environmental authority must rehabilitate areas disturbed by mining activities to a stable landform similar to that of surrounding undisturbed areas.
- Condition B29: The holder of the environmental authority must spread seeds or plant species that will promote vegetation of a similar species and density of cover to that of the surrounding undisturbed areas or vegetation that is appropriate for providing erosion control and stabilisation of the disturbed areas.

In regard to Condition B27, if the landowner requests that the drill hole be kept as a water bore, the appropriate approvals will be applied for in order to retain the drill hole as a water bore for the landholder.

2.2 Access Tracks

Access tracks will be required to allow access for all drilling equipment and personnel to each of the proposed drilling sites. The proposed access tracks will begin from existing pastoral tracks where possible to minimise the level of overall disturbance and disturbance to environmental attributes. The width of the proposed access tracks will be kept to a maximum of 3m wide to provide enough room for vehicular access (**Figure 3**). Tracks will be constructed by driving the loader along the route, with the blade up where possible, to minimise disturbance to topsoil.

All access tracks used for exploration purposes will be rehabilitated as soon as practical following the completion of drilling or geological interest in the area in accordance with the *Eligibility criteria and standard conditions for exploration and mineral development projects – Version 2 (2016)*.



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EPM 26316



	EPM 26316 Access Summary	EPM Boundary Local Connector Road Minor Watercourse MSES regulated vegetation [defined watercourse] Existing Pastoral Track	Proposed Track (3m width) Proposed Drill Pad (20m x 15m)
	Figure 3 Sheet No. RTPL_ARD_AEO001_MAP_0001_A	Drawn By: Chris Schlebusch Requested by: Jacob Arnold Date: 14/06/2022	Data sources: ©State of Queensland, Department of Resources ©Geoscience Australia

2.3 Water Supply

Water will be obtained by agreement with local landholders from water storages on the property. Water will be trucked to the drill site, as required.

2.4 Timing

Exploration activities will occur in the dry season with activities concluding by mid-November to avoid conditions of high precipitation in the region. At this stage, depending on the approval timeframe, site activities will likely occur between July and mid-November. Following assessment of this application, Aeon will immediately seek access to the site to commence the exploration programme. The rehabilitation of all disturbance will commence as soon as practical after the conclusion of drilling if the area is of no longer of geological interest and the access track is not needed by the landholder.

3. Gulf Rivers Environmental Attributes

The relevant environmental attributes for the Gulf Rivers SEA are described in section 9 of the RPI Regulation and are reproduced below.

- a) The natural hydrologic processes of the area characterised by –
 - i. Natural, unrestricted flows in and along watercourses and estuaries; and
 - ii. Overflow from watercourses onto the flood plains of the area, or the other way; and
 - iii. Natural flow paths of water across flood plains connecting waterholes, lakes and wetlands in the area; and
 - iv. Natural flow in and from groundwater and springs;
- b) The natural geomorphic processes of the area characterised by-
 - i. Natural erosion; and
 - ii. The transport and deposit of sediment by water throughout the catchments and along the watercourse systems and estuaries;
- c) The functioning riparian processes of the area characterised by native riparian vegetation associated with watercourses, estuaries, lakes and floodplains and wetlands;
- d) The functioning wildlife corridors of the area characterised by-
 - i. Natural habitat in the watercourse systems; and
 - ii. Permanent waterholes and springs;
- e) The natural water quality in the watercourse channels and aquifers and on flood plains in the area characterised by physical, chemical and biological attributes that support and maintain natural aquatic and terrestrial ecosystems.

Sub-sections 3.1 to 3.8 detail the existing environment, with potential impacts and mitigation strategies detailed in Section 4 of this Report.

3.1 Riparian Process

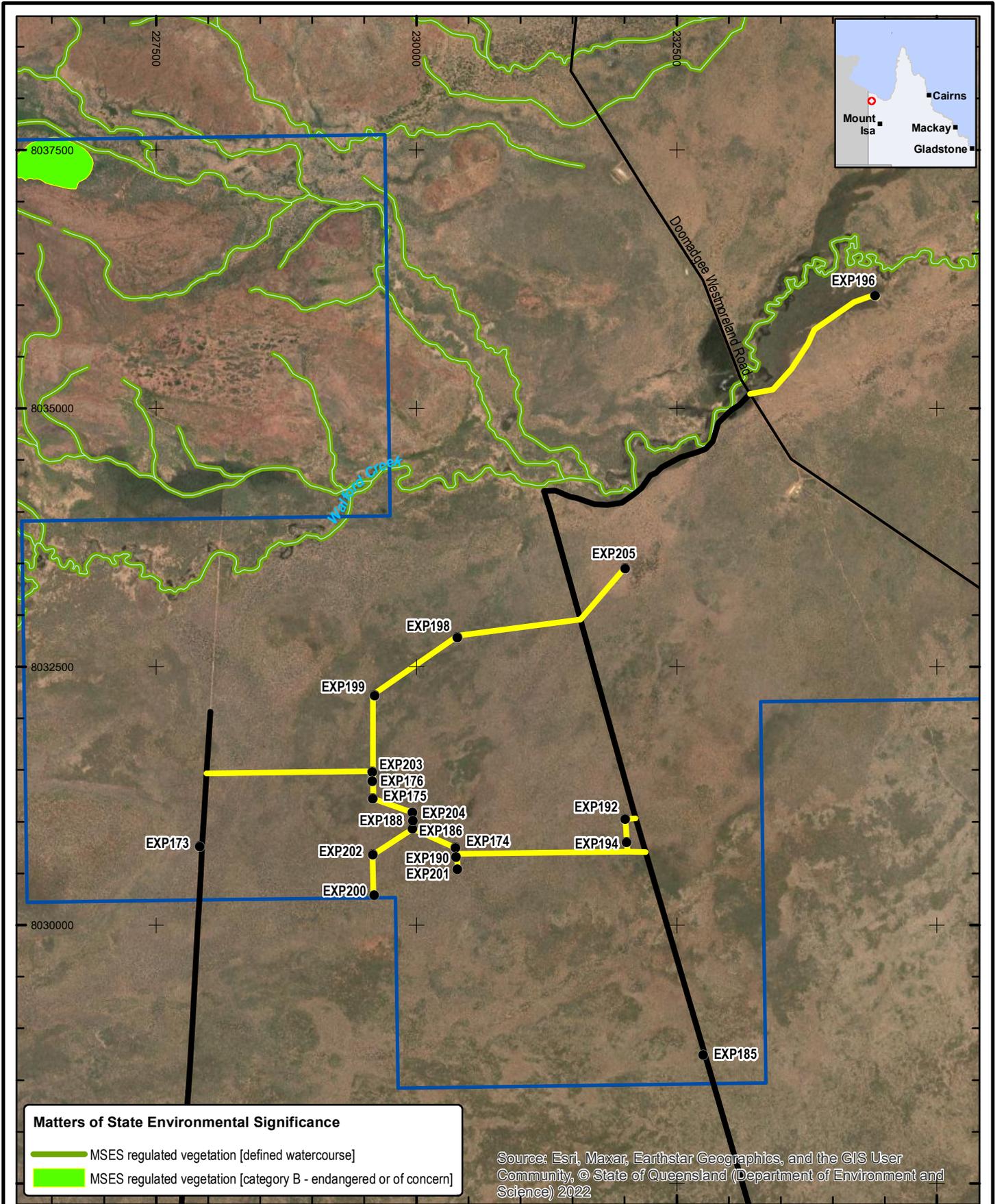
The proposed exploration activities are unlikely to impact upon riparian processes of the Gulf Rivers SEA as no drill pads are located in the immediate vicinity of watercourses, estuaries, lakes or wetlands and proposed new access tracks do not cross these areas. There are no mapped areas of Matters of State Environmental Significant (MSES) regulated vegetation (defined watercourses) or MSES regulated vegetation (100m from wetland) being impacted by the proposed drill pads or newly constructed access tracks (**Figure 4**).

The proposed drill pads and new access tracks are located in areas mapped as 'Category A or B area that is least concern regional ecosystems'. A summary of all regional ecosystems (REs) which will be disturbed through access tracks and/or drill pads are described in **Table 5** with REs illustrated in **Figure 5**.

An Environmentally Sensitive Area (ESA) map (**Appendix 3**) indicates no mapped Category A, Category B or Category C ESAs will be impacted by exploration activities. In addition, the proposed exploration activities are not located in a high-risk area for protected plants (**Appendix 4**).

As detailed in Sections 2.1 and 2.2 of this Report, Aeon has endeavoured to avoid areas of regulated vegetation and limit creek crossings during the desktop assessment process. This has meant:

- Reviewing drill pad locations to ensure that, wherever practicable, holes are drilled outside of areas that may have the potential to be wetlands or watercourses.
- Refining proposed access tracks to avoid creek crossings or areas of significant vegetation.



Source: Esri, Maxar, Earthstar Geographics, and the GIS User Community, © State of Queensland (Department of Environment and Science) 2022

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EPM 26316

GDA2020, MGA Zone 54

Matters of State Environmental Significance
 — MSES regulated vegetation [defined watercourse]
 ■ MSES regulated vegetation [category B - endangered or of concern]



Exploration Activities Matters of State Environmental Significance (MSES)

- EPM Boundary
- Local Connector Road
- Minor Watercourse
- Existing Pastoral Track
- Proposed Track (3m width)
- Proposed Drill Pad (20m x 15m)

Figure 4
Sheet No.

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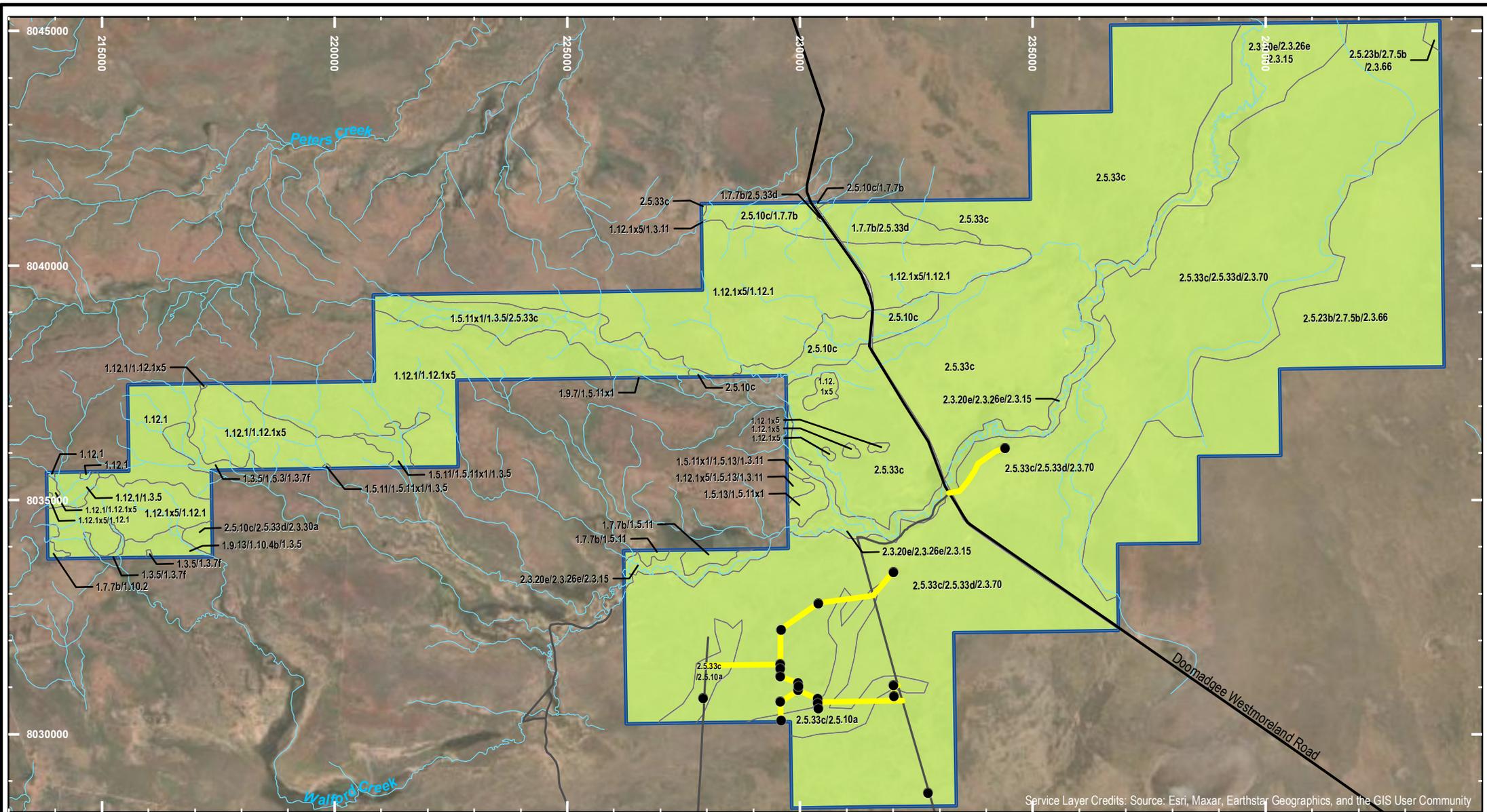
Drawn By: Chris Schlebusch
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 Date: 14/06/2022

Data sources:
 ©State of Queensland, Department of Resources
 ©Geoscience Australia

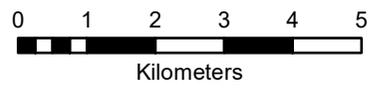
Table 5 Summary of Mapped Regional Ecosystems Disturbed by Exploration Activities

RE	Summary Description	Vegetation Management Act Class	Biodiversity Status	Structure Category
2.3.15	<i>Eucalyptus microtheca</i> woodland with <i>Sarga spp.</i> understorey. Sparse lower tree storey of <i>Melaleuca leucadendra</i> and <i>Excoecaria parvifolia</i> . Occurs on seasonally flooded depressions and lagoons on Tertiary and Quaternary alluvium; gleyed podzolics. Special values: Provides seasonal wetland habitat for a flora and fauna. Important feeding sites for water birds.	Least concern	No concern at present	Sparse
2.3.20	Mixed woodland to open woodland, with a combination of the species <i>Corymbia bella</i> , <i>Eucalyptus pruinosa</i> , <i>C. terminalis</i> , <i>Lysiphyllum cunninghamii</i> and <i>E. tectifera</i> . A lower tree or shrub layer may occur, including <i>Melaleuca spp.</i> and <i>Acacia spp.</i> . The ground layer is tussock grasses, including <i>Chrysopogon fallax</i> , <i>Aristida spp.</i> , <i>Heteropogon contortus</i> and <i>Sehima nervosum</i> . Occurs on active levees and Quaternary alluvial plains in the west of the bioregion. Fine sandy brown soils and sandy yellow earths. Special values: Provincial refuge for some woodland flora and fauna.	Least concern	Of concern	Sparse
2.3.26	<i>Eucalyptus camaldulensis</i> woodland to low woodland, commonly with <i>Melaleuca spp.</i> . Occasional canopy species include <i>Lophostemon grandiflorus</i> , <i>Pandanus spp.</i> , and <i>Terminalia spp.</i> . A shrub layer may occur, including <i>Acacia spp.</i> , <i>Ficus opposita</i> and <i>Asteromyrtus symphyocarpa</i> . The ground layer is sparse, with tussock grasses, forbs and sedges. Occurs on fringes of sandy, seasonal channels. Coarse alluvial soils. Special values: Significant provincial refuges for fauna. Includes areas of permanent water with high habitat values for aquatic and other species.	Least concern	Of concern	Sparse
2.3.70	<i>Eucalyptus pruinosa</i> low woodland, occasionally with <i>Atalaya hemiglauca</i> . The ground layer is commonly dominated by <i>Eulalia aurea</i> . Occurs on old alluvial plains (recent Pleistocene surface). Brown clay loam soils.	Least concern	Of concern	Sparse
2.5.10a	<i>Eucalyptus chlorophylla</i> open woodland to woodland, occasionally with <i>E. microtheca</i> . A sparse lower tree or shrub layer may occur, including <i>Melaleuca spp.</i> , <i>Grevillea striata</i> , <i>Lysiphyllum cunninghamii</i> , <i>Dolichandrone heterophylla</i> and <i>Carissa lanceolata</i> . The ground layer is tussock grasses, including <i>Eriachne spp.</i> and <i>Themeda arguens</i> . Occurs on active Quaternary alluvial plains, commonly associated with major watercourses. Silty clays and texture contrast soils.	Least concern	No concern at present	Very sparse

RE	Summary Description	Vegetation Management Act Class	Biodiversity Status	Structure Category
2.5.33	<p><i>Melaleuca spp.</i> low open woodland to low woodland, occasionally with <i>Eucalyptus pruinosa</i>, <i>Asteromyrtus symphyocarpa</i> and <i>Terminalia canescens</i>. Emergent <i>Corymbia spp.</i>, <i>Eucalyptus spp.</i> and <i>M. stenostachya</i> may occur. A variable shrub layer may occur. The ground layer includes <i>Chrysopogon fallax</i>, <i>Heterachne gulliveri</i> and <i>Triodia pungens</i>. Occurs on sand sheets, outwash plains and sandy old alluvial surfaces in the west of the bioregion. Yellow to brown sandy loams.</p>	Least concern	No concern at present	Sparse
2.5.33c	<p><i>Melaleuca citrolens</i> and/or <i>Eucalyptus pruinosa</i> and/or <i>M. viridiflora</i> low open woodland, occasionally with <i>E. tectifera</i>, <i>M. stenostachya</i> and <i>Cochlospermum gregorii</i>. A shrub layer commonly occurs, including canopy species and <i>Carissa lanceolata</i>. The ground layer is tussock grasses and <i>Triodia pungens</i>. Occurs on level, old alluvial plains (early Pleistocene surface) between Tertiary lateritic surfaces and active alluvial systems. Yellow-brown silty loam soils.</p>	Least concern	No concern at present	Sparse
2.5.33d	<p><i>Melaleuca viridiflora</i> and/or <i>M. citrolens</i> low open woodland to low woodland. A sparse shrub layer may occur, including <i>Acacia spp.</i> and <i>Carissa lanceolata</i>. The ground layer includes <i>Schizachyrium fragile</i>, <i>Triodia pungens</i> and <i>Aristida spp.</i> Occurs on Tertiary outwash plains and sand sheets around the margins of dissected lateritic surfaces and the Northwest Highlands bioregion. Yellow to brown loams and texture contrast soils.</p>	Least concern	No concern at present	Sparse



Service Layer Credits: Source: Esri, Maxar, Earthstar Geographics, and the GIS User Community



AEON WALFORD EXPLORATION PTY LTD EPM 26316



	Exploration Activities Regional Ecosystems (Vegetation Management RE v12) Drawn By: Chris Schlebusch Requested by: Jacob Arnold Date: 16/06/2022	<div style="display: flex; flex-direction: column; gap: 5px;"> <div> EPM Boundary</div> <div> Local Connector Road</div> <div>~ Minor Watercourse</div> <div> Existing Pastoral Track</div> <div> Proposed Track (3m width)</div> </div>	<div style="display: flex; flex-direction: column; gap: 5px;"> <div>● Proposed Drill Pad (20m x 15m)</div> <div>✂ Category A or B containing of concern</div> <div>✂ Category A or B that is of least concern</div> <div>✂ Non-remnant</div> </div>
	Figure 5 Sheet No. RTPL_ARD_AEO001_MAP_0006_A	Data sources: ©State of Queensland, Department of Resources.	

3.2 Wildlife Corridors

Vegetation communities along watercourses and drainage features not only function as habitat for fauna but also as a movement corridor. According to the Vegetation Management Watercourse and Drainage Feature Mapping for the area, no mapped watercourses will be impacted by drill pads or newly constructed access tracks.

There are no known waterholes or groundwater dependent ecosystems (GDE) mapped nearby to the proposed disturbance areas.

3.3 Water Quality

The exploration activities will occur in the upper catchment of the Settlement drainage basin within the Clifdale Creek drainage sub-basin. The location of the proposed exploration is very remote with little to no data on the water quality of watercourses within the upper catchment of the Settlement drainage basin. Drainage from the exploration activities will flow into Walford Creek before it converges with Clifdale Creek which ultimately flows into Elizabeth Creek and, subsequently, into the Gulf of Carpentaria.

There are no open or closed Department of Regional Development, Manufacturing and Water (DRDMW) gauging stations within the Settlement drainage basin.

In terms of groundwater, the Walford East Project is situated on the Great Artesian Basin and Other Regional Aquifers Water Plan area. There are no known artesian springs located near the exploration activities. There are no registered groundwater bores within 10km of the proposed drill sites. The nearest registered groundwater bore is bore RN171075 located at least 11km from the drill sites, however, no groundwater quality data has been collected at this bore.

3.4 Hydrological Processes

The nearest Water Act defined watercourses are the Nicholson River and Clifdale Creek located approximately 10km south and 20km north of the exploration activities respectively. There will not be any dams, lakes or springs located near the proposed exploration activities.

3.5 Geomorphic Processes

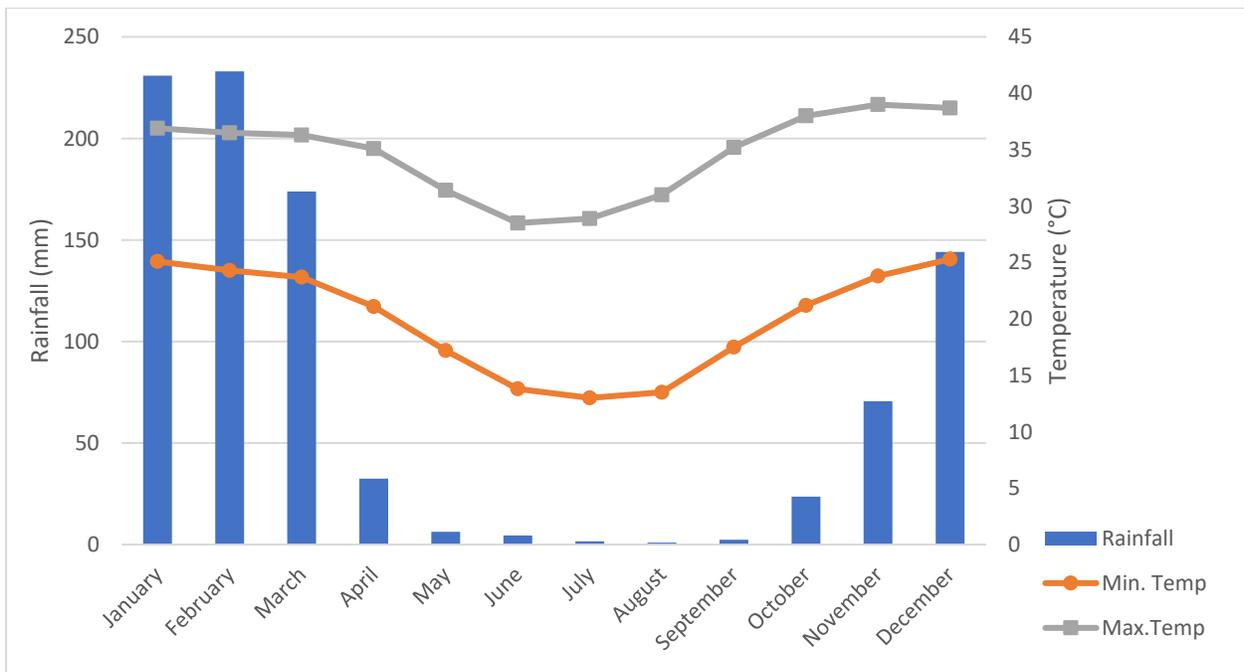
Drillholes will encounter breccia hosted and/or replacement copper ± cobalt with a Zn-Pb-Ag halo in dolomitic, carbonaceous and pyritic sediments of the Paleoproterozoic Mt Les Unit adjacent to the Fish River Fault. Minimal drilling data exists for the area, so knowledge of the aquifers within the area is limited, however no significant aquifers are expected.

3.6 Beneficial Flooding

The majority of the proposed areas of disturbance are not situated in the mapped “flood hazard area - Level 1 - Queensland floodplain assessment overlay” for floodplain areas which are potentially at threat of inundation with only one drill site is mapped within this area. It is important to note that exploration activities will be conducted in the dry season.

3.7 Climate

The region is characterised by having a distinct wet and dry season, the mean annual rainfall for the region is 924.4mm with approximately 85% of the annual rainfall falling between December and March. Mean daily minimum temperatures range from between 13°C and 25.3°C, while mean maximum temperatures range from 28.5°C to 39°C (Figure 6).



Rainfall data is taken from Westmoreland Station weather station located approximately 55km from the Walford East Project using monthly rainfall data beginning in 1965. The temperature data is taken from the BoM Century Mine QLD weather station located approximately 110km from the Walford East Project. Monthly data used for mean minimum and maximum temperatures is from 2003 to present.

Figure 6 Monthly mean rainfall, minimum and maximum temperatures for the region (BOM, 2022)

3.8 Land Use

The land use of the surrounding area is largely classified as grazing native vegetation. Exploration activities will be located on land mapped as ‘grazing native vegetation’ land use.

4. Potential Impacts on Environmental Attributes

To address Section 9 of the RPI Regulation (as shown in Section 3 of this Report), sub-sections 4.1 to 4.5 below detail the required outcomes in relation to:

- Riparian process;
- Wildlife corridors;
- Water quality;
- Hydrologic processes and beneficial flooding; and
- Geomorphic processes.

4.1 Riparian Process

The proposed exploration activities are unlikely to impact on riparian vegetation as there are no disturbance to MSES regulated vegetation (defined watercourse) or MSES regulated vegetation (100m from wetland) from the drill pads or newly constructed access tracks.

Desktop and preliminary investigations have considered riparian ecosystems and therefore, there is no current intention to have setback areas for this particular project. The proposed activities will not cause widespread or irreversible impacts to the riparian processes in the region as:

- exploration activities will be small-scale, of a temporary nature and conducted during the dry season;
- widespread areas of riparian vegetation will not be cleared;
- disturbance rehabilitation will occur immediately after works have been completed; and
- all activities and disturbance rehabilitation will be in accordance with the *Eligibility criteria and standard conditions for exploration and mineral development projects – Version 2 (2016)*.

4.2 Wildlife Corridors

The proposed routes for the access tracks will minimise isolation, fragmentation and edge effects as access tracks will only be 3m wide and have utilised existing pastoral tracks where possible. Wildlife corridors in the exploration area will largely involve MSES regulated vegetation (defined watercourse). There will be no new disturbance to these corridors from the drill pads or access tracks. As such, it is considered that widespread irreversible disturbance to wildlife corridors will not occur as a result of the proposed exploration activities.

4.2.1 Consideration of Rare and Threatened Fauna

Appendix 5 is a copy of the *Environment Protection and Biodiversity Conservation Act 1999* (C'wlth) (EPBC Act) Protected Matters Report for the site activities. This report lists threatened species or threatened species habitat that may, is likely to, or is known to occur, in the proposed disturbance area.

The EPBC Act Protected Matters report lists two threatened fauna species or their habitat as likely to occur in the exploration area. The Red Goshawk (*Erythrotriorchis radiatus*) is listed as Vulnerable under the EPBC Act and Endangered under the *Nature Conservation Act 1992* (NC Act). The Red Goshawk inhabits tall open forests and woodlands and typically nests in trees that are taller than 20m. Consequently, mature trees greater than 20m, will not be cleared or damaged during exploration activities. The Grey Falcon (*Falco hypoleucos*) is listed as vulnerable under both the EPBC Act and NC Act. Grey Falcon breeding occurs from June to November with nests usually chosen are in the tallest trees along watercourses, particularly River Red Gum (*Eucalyptus camaldulensis*) and Coolibah (*E. coolabah*). Exploration activities is unlikely to impact upon riparian vegetation and will avoid mature trees.

A Queensland Government Wildlife Online Extract was completed for the area. The species list search displayed no records for the area for the above species (**Appendix 6**).

4.2.2 Management Strategies

A number of impact management strategies will be used during exploration activities. Management measures include:

- Timing activities to take place in the dry season;
- Toolbox talks with exploration staff to raise the importance of protecting the natural environment;
- Minimise width of access tracks;
- Minimise vegetation clearing;
- Avoid areas of environmental significance;
- Retain mature trees;
- Retain rootstock where practical; and
- Rehabilitate crossing points at the completion of exploration activities at that site.

The connectivity between native terrestrial vegetation along and across watercourse systems will not be altered or disturbed and will continue to be sufficient for the migration, shelter and habitat of fauna.

Watercourses near exploration activities are not permanent and will have little, if any flow at the time of the proposed activity (in the dry season), it is unlikely that the watercourses will be functioning as passage for aquatic/marine fauna. Even if sufficient flow is present when exploration activities are occurring, it is not expected that vehicles crossing drainage lines will inhibit flow in the watercourse.

The proposed exploration activities will not compromise the spatial extent and species diversity, structure and density of native terrestrial and aquatic vegetation. The habitat will continue to provide shelter and connectivity for fauna, including passage into and along watercourses. As the access tracks are only 3m wide, and are not formed and graded, minimal edge effects will be created. Consequently, it is unlikely that habitat, feeding, roosting or nesting of fauna in areas adjacent to the track will be compromised.

Drilling at each of the drill sites is expected to be completed within two to five days. Rehabilitation of disturbance will commence immediately after the completion of exploration activities in the area, in accordance with the rehabilitation conditions set out in the “*Eligibility criteria and standard conditions for exploration and mineral development projects – Version 2*” document.

4.3 Water Quality

The proposed exploration activities will occur in the dry season with minimal if any precipitation falling resulting in reduced watercourse flows in the region. As illustrated in **Figure 6**, the mean average rainfall during proposed exploration activities occurring between July and November is minimal. During exploration activities, the physical, chemical and biological water quality immediately downstream of the activities will remain consistent with water quality immediately upstream of the activity. Therefore, there will be negligible impacts on the physical, chemical and biological attributes that support and maintain natural aquatic and terrestrial ecosystems in the area.

In regard to drilling, each drill hole is expected to be completed in 2 to 5 days. The drilling and casing methodology will be undertaken in a manner to case off any aquifers encountered in the overburden. There may be some additives added to the water recirculated in the drill hole to improve drilling conditions, including materials such as bentonite clay. The drill fluid is recirculated within the casing (once placed) in the upper part of the drill hole, and therefore there will be little, if any exchange with the near surface aquifers. Deeper in the hole, pore pressure in the basement rock are such that drilling fluids will not migrate out of the drill hole. Therefore, there should be no impact on groundwater quality from the drilling.

Upon completion of drilling, the drill hole will be backfilled to surface with grout (cement) so as to fully seal the drill hole. This will ensure that any aquifers encountered are fully sealed and there can be no connection between aquifers, nor surface seepage. Therefore, there should be no impact on aquifer pressure from the drilling. Suitably qualified and experienced drillers (for artesian conditions) will supervise the drilling.

All drill sites and associated sumps will be rehabilitated in accordance with the *Eligibility criteria and standard conditions for exploration and mineral development projects – Version 2 (2016)*. Due to the high evaporation rates in the region, drill water remaining in the sumps will likely evaporate within two to three weeks. Temporary fencing of the sumps will occur to prevent cattle or wildlife access. Once dry, rehabilitation of the site will occur with the bentonite clay material remaining at the bottom of the sumps to be covered with the stockpiled subsoil and topsoil. Timing of all activities will aid in minimising surface water impacts.

4.4 Hydrologic processes and beneficial flooding

The proposed access tracks will be constructed and used in the dry season and will have minimal influence on the gradient of the land to ensure the overflow or flow of surface water in or out of a watercourse will not be inhibited. Watercourse flows are expected to be minimal if at all throughout the exploration area during the time of exploration activities. Crossings of minor drainage features should not impact any waterflow. The exploration activities will not alter the natural patterns and levels of runoff, stream flow

and connectivity with other elements of the river and flood plain system to the extent of causing significant adverse outcomes.

The majority of the proposed activities will not be situated near any major watercourses or floodplains that have the potential of being inundated. In addition, the proposed activities will not compromise beneficial flooding where the activity will alter natural flow paths and the natural extent of flooding across the floodplain.

4.5 Geomorphic processes

The proposed exploration activities will not have widespread or irreversible impact on the natural erosion and transport and deposit of sediment by water throughout the catchment. As activities will occur in the dry season when negligible precipitation is expected, and water flow is heavily reduced, the transport and deposit of sediment by water throughout the catchment will be minimal reducing the possibility of any widespread or irreversible impacts. The exploration activities will not compromise the preservation of the natural erosion, transport and deposition of sediments by water throughout the catchment. Whereby, activities will not alter the delivery of sediment to the river system from adjacent lands and the erosion of the bed, banks and floodplains to the extent of causing significant adverse outcomes.

Erosion and sediment control may be required for the access tracks, drill pads and other disturbance areas. Measures will be undertaken in accordance with the *Eligibility criteria and standard conditions for exploration and mineral development projects – Version 2 (2016)* and in line with the guiding principles contained within the International Erosion Control Association (IECA) Best Practice Erosion and Sediment Control (BPESC) manual.

For the access tracks, drill pads and other disturbance areas, it will be the intention to:

- Select appropriate areas (for example: avoiding areas of environmental significance, retention of mature or habitat trees, minimise vegetation clearing, retain rootstock where practicable); and
- Ensure the effect of exploration activities are minimised on surrounding vegetation or watercourses.

To meet these key principles, following appropriate site selection, mitigation measures such as the following will be implemented as necessary:

- Minimise all vegetation clearing;
- Store topsoil and subsoil for use in rehabilitation;
- Ensure all fuel is appropriately banded;
- Store all exploration materials (drilling muds etc) on pallets;
- Construct all drill pads on flat surfaces;
- Stabilise access tracks wherever necessary and, if necessary, employ geotextile;
- Repair any damage caused by traffic as soon as practicable;
- Limit traffic along the access tracks;
- Direct all drilling muds to appropriately sized sumps;
- Conduct regular inspections for fuel discharge, and sedimentation and erosion, as a result of exploration activities; and
- Commence rehabilitation as soon as practicable after final use.

5. Regional Planning Interests Regulation 2014 Assessment Criteria

Schedule 2, Part 5 of the RPI Regulation provide criteria for the assessment or decision of the RPI application. The required outcome and prescribed solutions are detailed below in **Table 6**. This table provides a summary of the details described in this project against the assessment criteria.

Table 6 Criteria for assessment or decision in a SEA

Schedule 2 Part 5 of the RPI Regulation	Response
(14) Required Outcome	
The activity will not result in a widespread or irreversible impact on an environmental attribute of a strategic environmental area.	The proposed activities will not result in widespread or irreversible damage to the environmental attributes listed in section 9 of the RPI Regulation for the Gulf Rivers SEA as described in Sections 4.1-4.5 of this report (and summarised in the response components of this table, below).
(15) Prescribed Solution	
(1) The application demonstrates either – (a) the activity will not, and is not likely to, have a direct or indirect impact on an environmental attribute of the strategic environmental area; or	<i>Note: this application addresses the requirement of section 15(1)(b).</i>
(b) all of the following – (i) if the activity is being carried out in a designated precinct in the strategic environmental area – the activity is not an unacceptable use for the precinct;	The proposed activities will not be carried out within a designated precinct. Furthermore, the proposed activities do not include any of the unacceptable uses listed in Schedule 2 Part 5 section 15(2).
(ii) the construction and operation footprint of the activity on the environmental attribute is minimised to the greatest extent possible;	<ul style="list-style-type: none"> • Desktop investigations have been conducted to refine the access tracks to the drill sites in order to minimise the operational footprint on environmental attributes. • Searches of Queensland (MSES, RE, ESA, Vegetation Management Watercourse and Drainage Features and Protected Plants Flora Survey Triggers) and Commonwealth (EPBC Act) databases have been undertaken. • Site access construction will be limited to a 3m wide track. Existing tracks have been utilised where possible. • Drill pads are limited to 20m x 15m. • During on-site access road construction and drill pad location, all mature trees and areas of ecological significance will be avoided.
(iii) the activity does not compromise the preservation of the environmental attribute within the strategic environmental area;	<ul style="list-style-type: none"> • Desktop investigations have been conducted to refine the access tracks to the drill sites in order to minimise the operational footprint on environmental attributes. • The exploration activities will have minimal impacts on the natural hydrologic processes of

Schedule 2 Part 5 of the RPI Regulation	Response
	<p>the area with waterflows related to watercourses, floodplains and groundwater will be minimal due to activities being conducted in the dry season when precipitation and waterflow is very low.</p> <ul style="list-style-type: none"> • The activities will have minimal impacts on geomorphic processes of the area through limited impact to the natural erosion of the region, in addition to the movement of sediment by water throughout the catchment as waterflow will be minimal in the dry season. • Based upon a desktop assessment, it is considered that there is unlikely to be disturbance to the wildlife corridors in the area. Due to the small-scale and temporary nature of the exploration works, it is unlikely to create widespread or irreversible impact to the functioning of the wildlife corridors. • Due to the small-scale and temporary nature of the exploration works and the fact that works will be conducted only during the dry season, it is considered unlikely that there will be widespread or irreversible impact to the functioning riparian processes. There is no disturbance proposed to MSES regulated vegetation (defined watercourse) or MSES regulated vegetation (100m from wetland). • Water quality in the region that supports and maintains natural aquatic and terrestrial ecosystems will not be impacted as no major watercourses will be disturbed. With only minor drainage features likely to be crossed with no flow likely to be present at this proposed time of year. • All drill site and associated sumps will be rehabilitated in accordance with the <i>Eligibility criteria and standard conditions for exploration and mineral development projects – Version 2 (2016)</i>. Due to the high evaporation rates in the region, drill water remaining in the sumps will likely evaporate within two to three weeks. Temporary fencing of the sumps will occur to prevent cattle or wildlife access. Once dry, rehabilitation of the site will occur with the bentonite clay material remaining at the bottom of the sumps to be covered with the

Schedule 2 Part 5 of the RPI Regulation	Response
	stockpiled subsoil and topsoil. Timing of all activities will aid in minimising surface water impacts.
(iv) if the activity is to be carried out in a strategic environmental area identified in a regional plan – the activity will contribute to the regional outcomes, and be consistent with the regional policies, stated in the regional plan.	The Gulf Regional Development Plan (November 2000) does not identify the Gulf River SEA.

6. Conclusion

Aeon intends to conduct a small-scale exploration drilling programme within its granted EPM 26316. As part of this programme, nineteen drill pads will be constructed. To access these sites, a 3m wide access track will be constructed.

Disturbance areas are detailed in **Table 2** of this Report and are summarised below:

- Drill pads - 0.57ha (19 x 20m x 15m); and
- Access track – 3.41ha (3m wide tracks)

Therefore, the total disturbance for nineteen target sites is 3.98ha. The vast majority of this is created by the access track to the drill sites which has been minimised to a 3m wide corridor to limit broader disturbance. The largest area of disturbance in any one location is 0.03ha (20m x 15m), which is the size of the drill pad.

In line with Section 15 (1)(b) of the RPI Regulation, it is not considered that the proposed activities will cause widespread or irreversible impacts to the SEA in the region, as:

- The activity is not being carried out in a designated precinct and is not considered an unacceptable use;
 - exploration activities will be small-scale, of a temporary nature and conducted during the dry season;
 - drilling at each site is expected to be completed within two to five days;
 - searches of appropriate State and Commonwealth databases have been undertaken and a desktop assessment has been included in the final selection of drill sites and preferred access routes;
 - widespread areas of riparian vegetation will not be cleared;
 - disturbance rehabilitation will occur as soon as possible after works have been completed; and
 - all activities and disturbance rehabilitation will be in accordance with the *Eligibility criteria and standard conditions for exploration and mineral development projects – Version 2 (2016)*.
-

7. References

Bureau of Meteorology (BOM) 2022, Daily rainfall Westmoreland Station, accessed 9 June 2022, <www.bom.gov.au/jsp/ncc/cdio/weatherData/av?p_nccObsCode=136&p_display_type=dailyDataFile&p_startYear=&p_c=&p_stn_num=029069>.

BOM 2022, Daily mean maximum temperature Century Mine, accessed 9 June 2022, <www.bom.gov.au/jsp/ncc/cdio/weatherData/av?p_nccObsCode=122&p_display_type=dailyDataFile&p_startYear=&p_c=&p_stn_num=029167>.

BOM 2022, Daily mean minimum temperature Century Mine, accessed 9 June 2022, <www.bom.gov.au/jsp/ncc/cdio/weatherData/av?p_nccObsCode=123&p_display_type=dailyDataFile&p_startYear=&p_c=&p_stn_num=029167>.

RPI DEVELOPMENT APPLICATION SUPPORTING INFORMATION
AEON WALFORD EXPLORATION PTY LTD

Appendix 1 Title Searches

Queensland Titles Registry Pty Ltd
 ABN 23 648 568 101

Title Reference: 17664127	Search Date: 16/06/2022 15:01
Date State Tenure Created: 21/10/1995	Request No: 41397471
Creating Dealing:	

DESCRIPTION OF LAND

Tenure Reference: PH 8/5440
 Lease Type: ROLLING TERM LEASE
 LOT 1 CROWN PLAN 887914
 Local Government: BURKE
 Area: 208000.000000 Ha. (ABOUT)
 No Land Description
 No Forestry Entitlement Area
 Purpose for which granted:
 NO PURPOSE DEFINED

REGISTERED LESSEE

Dealing No: 703482089 28/07/1999
 TURN OFF LAGOONS PASTORAL HOLDING COMPANY PTY LTD
 A.C.N. 085 377 304

TERM OF LEASE

Term and day of beginning of lease
 Term: 30 years commencing on 01/07/1984
 Expiring on 30/06/2014
 Extended to 30/06/2034

CONDITIONS

NIL

ENCUMBRANCES AND INTERESTS

- Rights and interests reserved to the Crown by Lease No. 17664127

ADMINISTRATIVE ADVICES

Dealing	Type	Lodgement Date	Status
716869987	ADMIN NOTING SEE DEALING FOR RELEVANT LEGISLATION	06/11/2015 11:42	CURRENT
717833857	CON COM AGMT MINERAL AND ENERGY RESOURCES (COMMON PROVISIONS) ACT 2014	10/02/2017 15:25	CURRENT
717994336	NT DETERM NATIVE TITLE ACT 1993 (CTH)	02/05/2017 15:13	CURRENT
718205111	NT DETERM NATIVE TITLE ACT 1993 (CTH)	10/08/2017 14:21	CURRENT
718674880	ADMIN NOTING SEE DEALING FOR RELEVANT LEGISLATION	06/04/2018 10:03	CURRENT
719767646	EXEMPT CONS SEC 322AA LAND ACT 1994	02/12/2019 08:28	CURRENT
721172647	NT DETERM	14/10/2021 14:55	CURRENT

Queensland Titles Registry Pty Ltd
ABN 23 648 568 101

Title Reference: 17664127

ADMINISTRATIVE ADVICES (Continued)

Dealing	Type	Lodgement Date	Status
	NATIVE TITLE ACT 1993 (CTH)		

UNREGISTERED DEALINGS

NIL

** End of Current State Tenure Search **

Information provided under section 34 Land Title Act (1994) or section 281 Land Act (1994)

Queensland Titles Registry Pty Ltd
ABN 23 648 568 101

Title Reference: 17657048	Search Date: 16/06/2022 15:01
Date State Tenure Created: 21/10/1995	Request No: 41397471
Creating Dealing:	

DESCRIPTION OF LAND

Tenure Reference: GHPL 8/50
Lease Type: PERPETUAL
LOT 11 SURVEY PLAN 320130
Local Government: BURKE
Area: 234000.000000 Ha. (ABOUT)
No Land Description
No Forestry Entitlement Area
Purpose for which granted:
GRAZING OR AGRICULTURAL

REGISTERED LESSEE

Dealing No: 708770341 27/06/2005
EDWARD SPARKE CHARLES THROSBY

TERM OF LEASE

Day of beginning of lease
Lease in perpetuity commencing on 01/07/1984

CONDITIONS

- M76 The Lessee shall, within five (5) years from the date of the commencement of the lease and to the satisfaction of the Minister provide two (2) earth dams each with a capacity of 7500 cubic metres, such dams to be provided in the eastern and central parts of the additional area.
- M76 The Lessee shall, within two (2) years from the date of the commencement of the lease and to the satisfaction of the Minister erect approximately 20 kilometres of new boundary fence on the additional area.
- M76 The Lessee shall, within five (5) years from the date of the commencement of the Lease and to the satisfaction of the Minister, erect approximately 50 kilometres of new internal fencing on the area with 40 kilometres of such fencing to be erected on the additional area.
- M76 The Lessee shall, during the whole term of the lease, maintain all improvements on the holding existing at the commencement thereof, together with the improvements effected in compliance with conditions 1, 2 and 3 hereof, in a good and substantial state of repair.

ENCUMBRANCES AND INTERESTS

- Rights and interests reserved to the Crown by Lease No. 17657048
- MORTGAGE No 720577949 09/02/2021 at 15:14
NATIONAL AUSTRALIA BANK LIMITED A.C.N. 004 044 937

Queensland Titles Registry Pty Ltd
 ABN 23 648 568 101

Title Reference:	17657048
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ADMINISTRATIVE ADVICES

Dealing	Type	Lodgement Date	Status
717924170	CON COM AGMT MINERAL AND ENERGY RESOURCES (COMMON PROVISIONS) ACT 2014	27/03/2017 14:40	CURRENT
718173089	CON COM AGMT MINERAL AND ENERGY RESOURCES (COMMON PROVISIONS) ACT 2014	25/07/2017 14:01	CURRENT
718674901	ADMIN NOTING SEE DEALING FOR RELEVANT LEGISLATION	06/04/2018 10:05	CURRENT
719422391	CON COM AGMT MINERAL AND ENERGY RESOURCES (COMMON PROVISIONS) ACT 2014	23/05/2019 14:47	CURRENT
719690627	CON COM AGMT MINERAL AND ENERGY RESOURCES (COMMON PROVISIONS) ACT 2014	22/10/2019 15:44	CURRENT
719690642	CON COM AGMT MINERAL AND ENERGY RESOURCES (COMMON PROVISIONS) ACT 2014	22/10/2019 15:45	CURRENT
719767646	EXEMPT CONS SEC 322AA LAND ACT 1994	02/12/2019 08:28	CURRENT

UNREGISTERED DEALINGS

NIL

Corrections have occurred - Refer to Historical Search

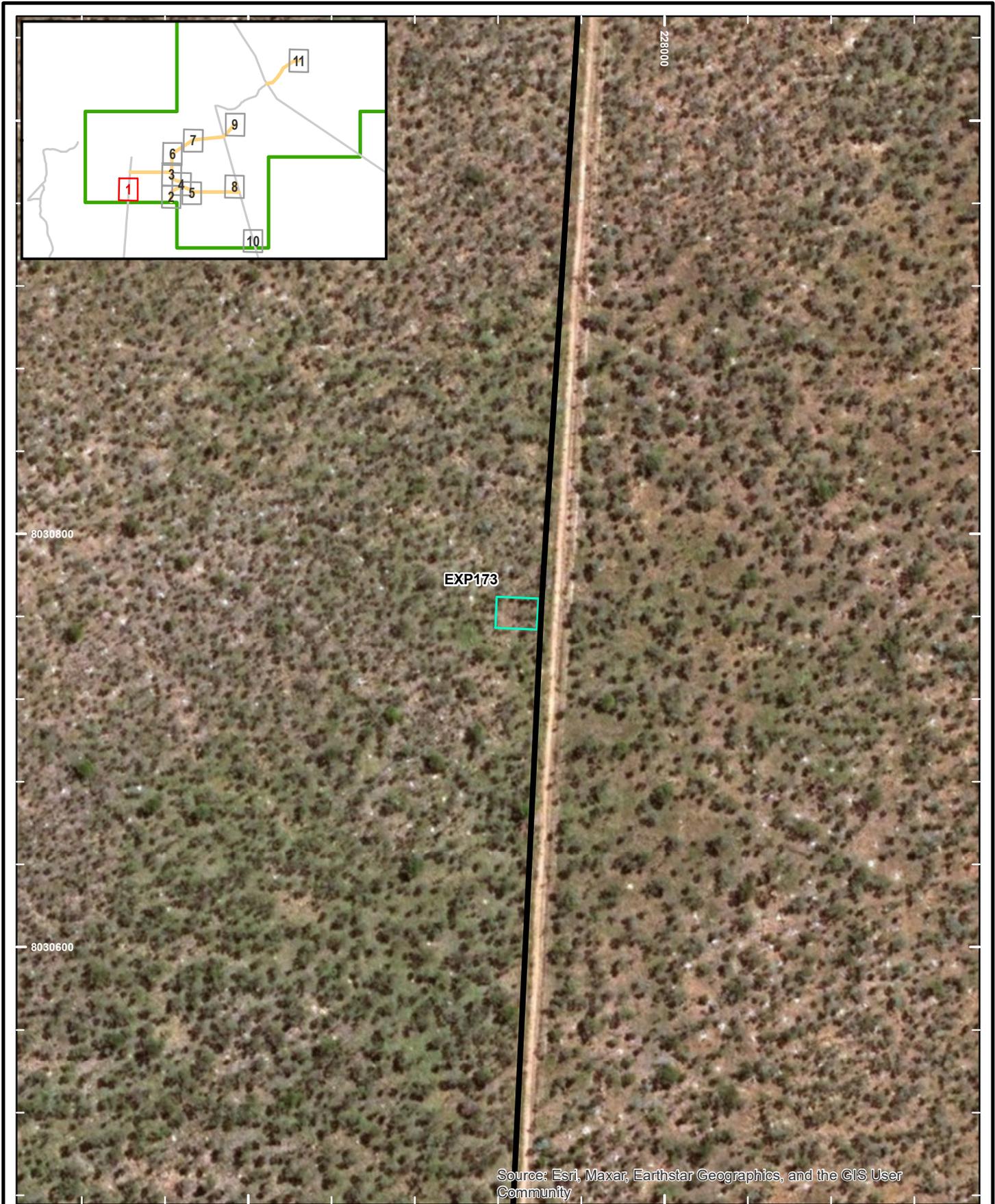
Caution - Charges do not necessarily appear in order of priority

** End of Current State Tenure Search **

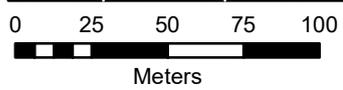
Information provided under section 34 Land Title Act (1994) or section 281 Land Act (1994)

RPI DEVELOPMENT APPLICATION SUPPORTING INFORMATION
AEON WALFORD EXPLORATION PTY LTD

Appendix 2 Drill Pads



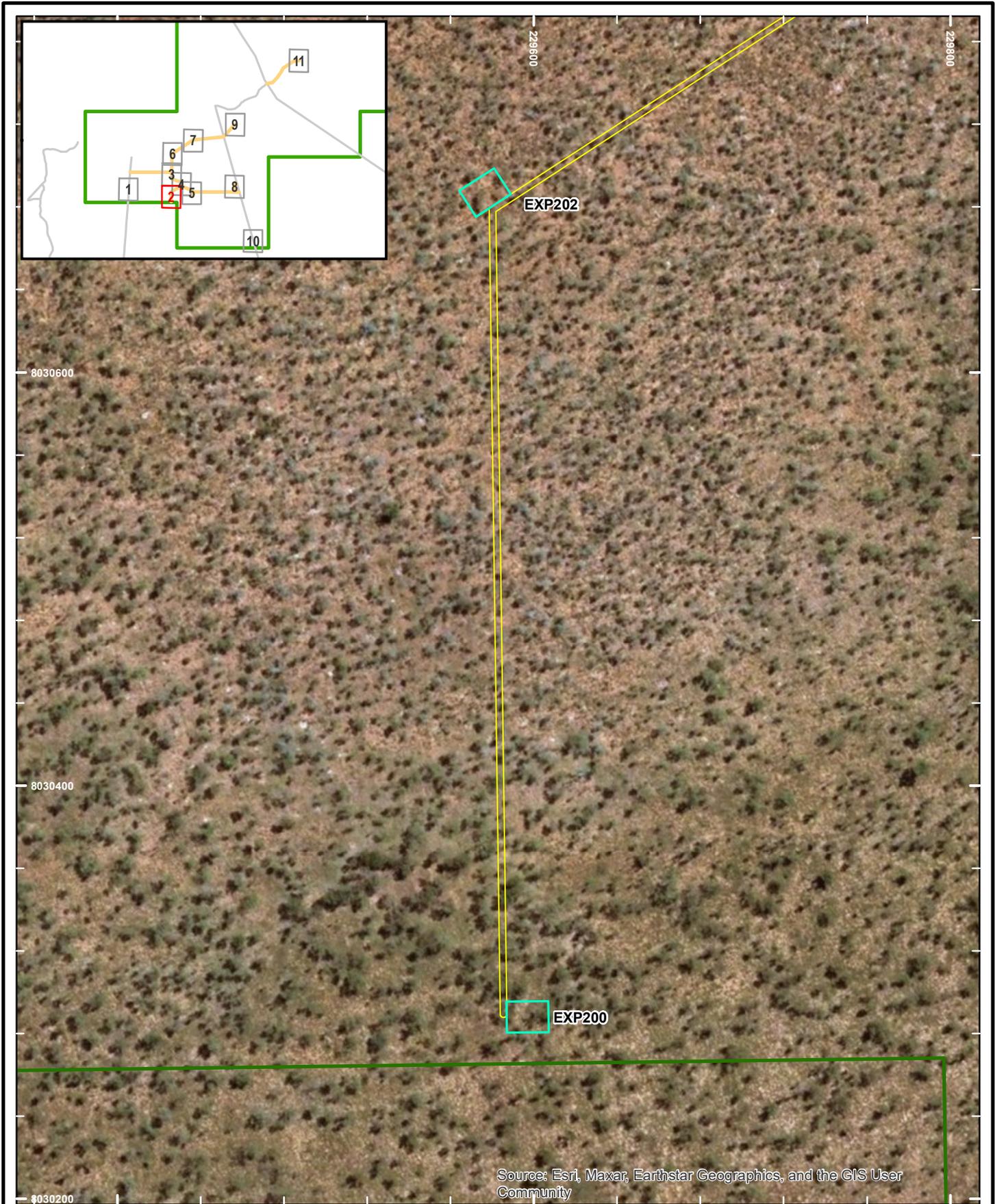
Source: Esri, Maxar, Earthstar Geographics, and the GIS User Community



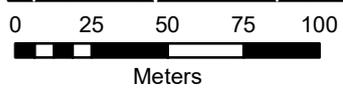
AEON WALFORD EXPLORATION PTY LTD
EPM 26316



	EPM 26316 Drill Pads EXP173	EPM Boundary Existing Pastoral Track Proposed Pad (20m x 15m), Containing Drill Rig, Rod Sloop, Core Trestle, Sump
	Page 1 of 11 Sheet No. RTPL_ARD_AEO001_MAP_0001_A	Drawn By: Chris Schlebusch Requested by: Jacob Arnold Date: 14/06/2022



Source: Esri, Maxar, Earthstar Geographics, and the GIS User Community

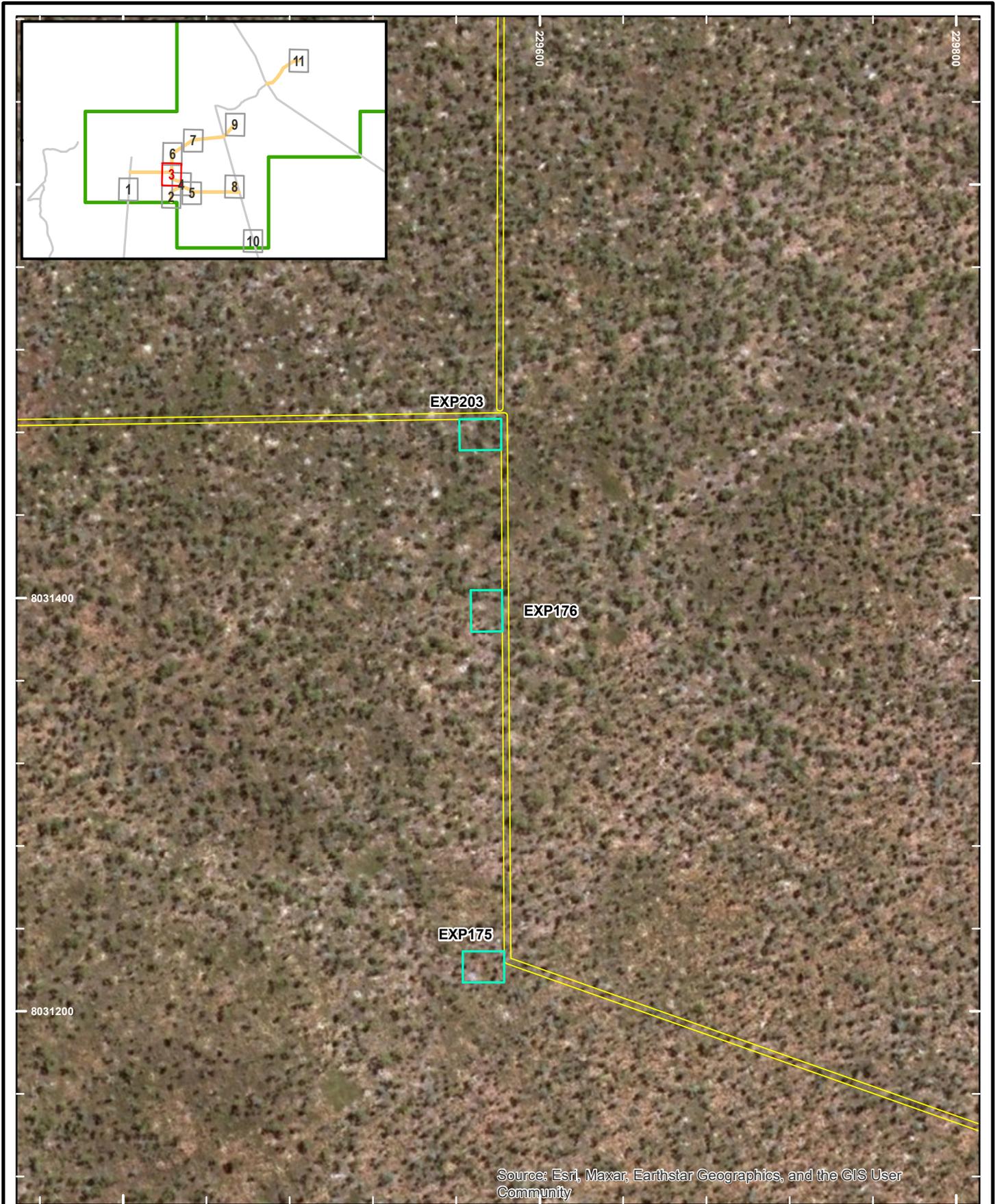


AEON WALFORD EXPLORATION PTY LTD
EPM 26316

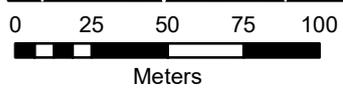


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	Page 2 of 11 Sheet No. RTPL_ARD_AEO001_MAP_0001_A	Drawn By: Chris Schlebusch Requested by: Jacob Arnold		
		Date: 14/06/2022		

Data sources:
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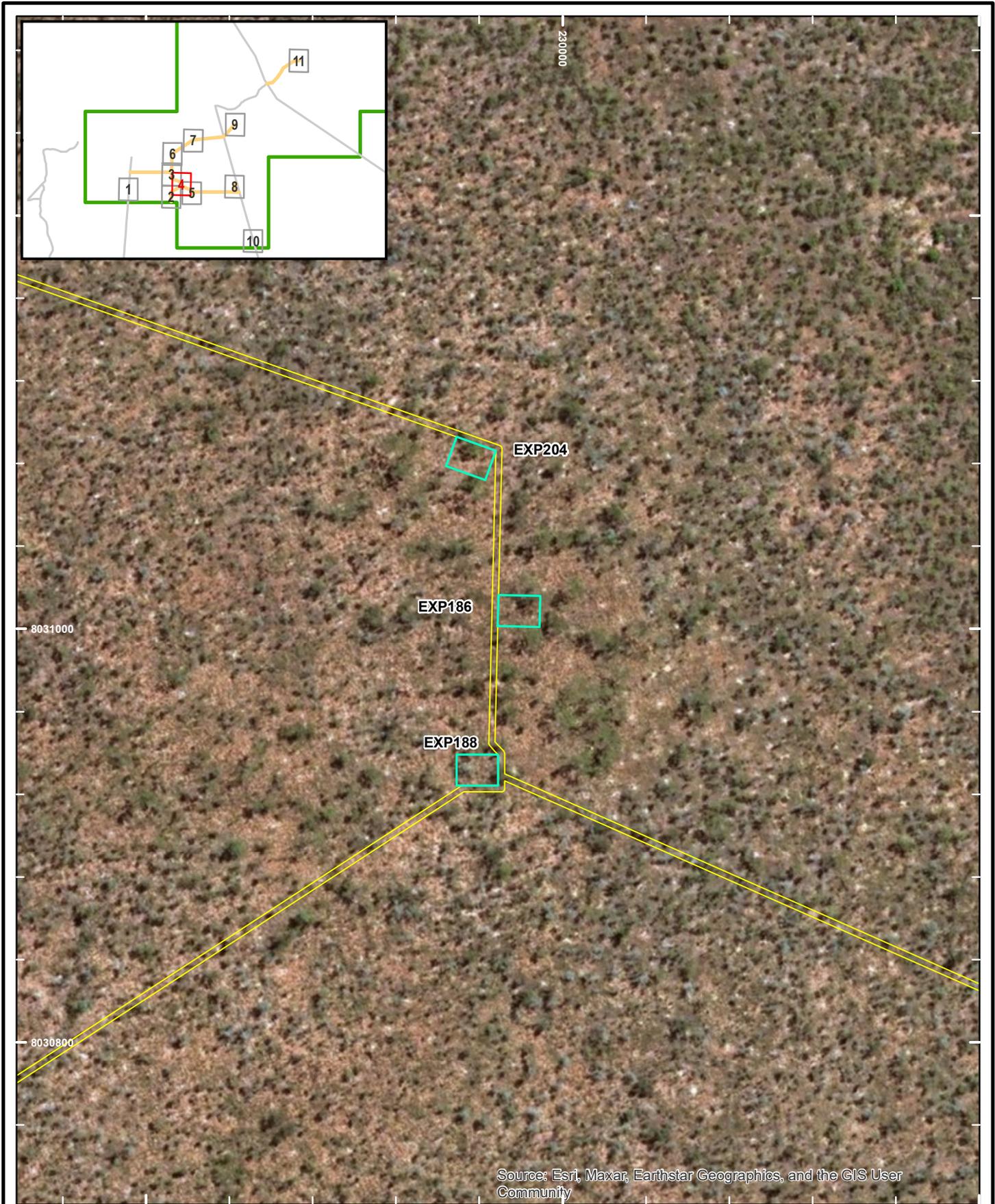
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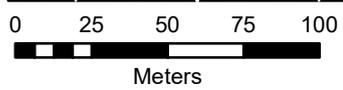
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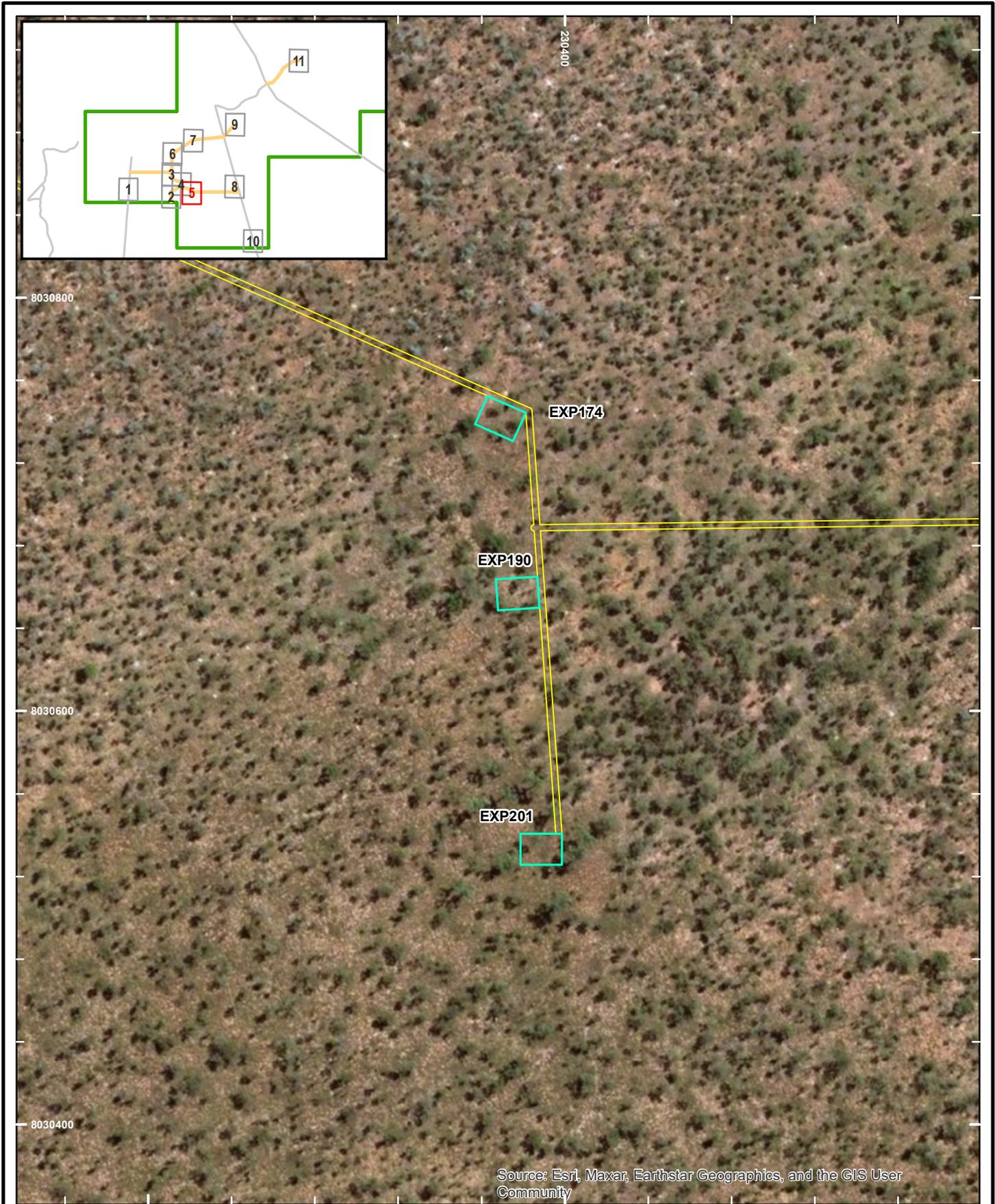
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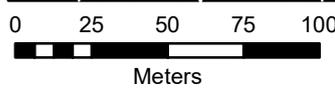
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	Page 4 of 11 Sheet No. RTPL_ARD_AEO001_MAP_0001_A	Drawn By: Chris Schlebusch Requested by: Jacob Arnold Date: 14/06/2022



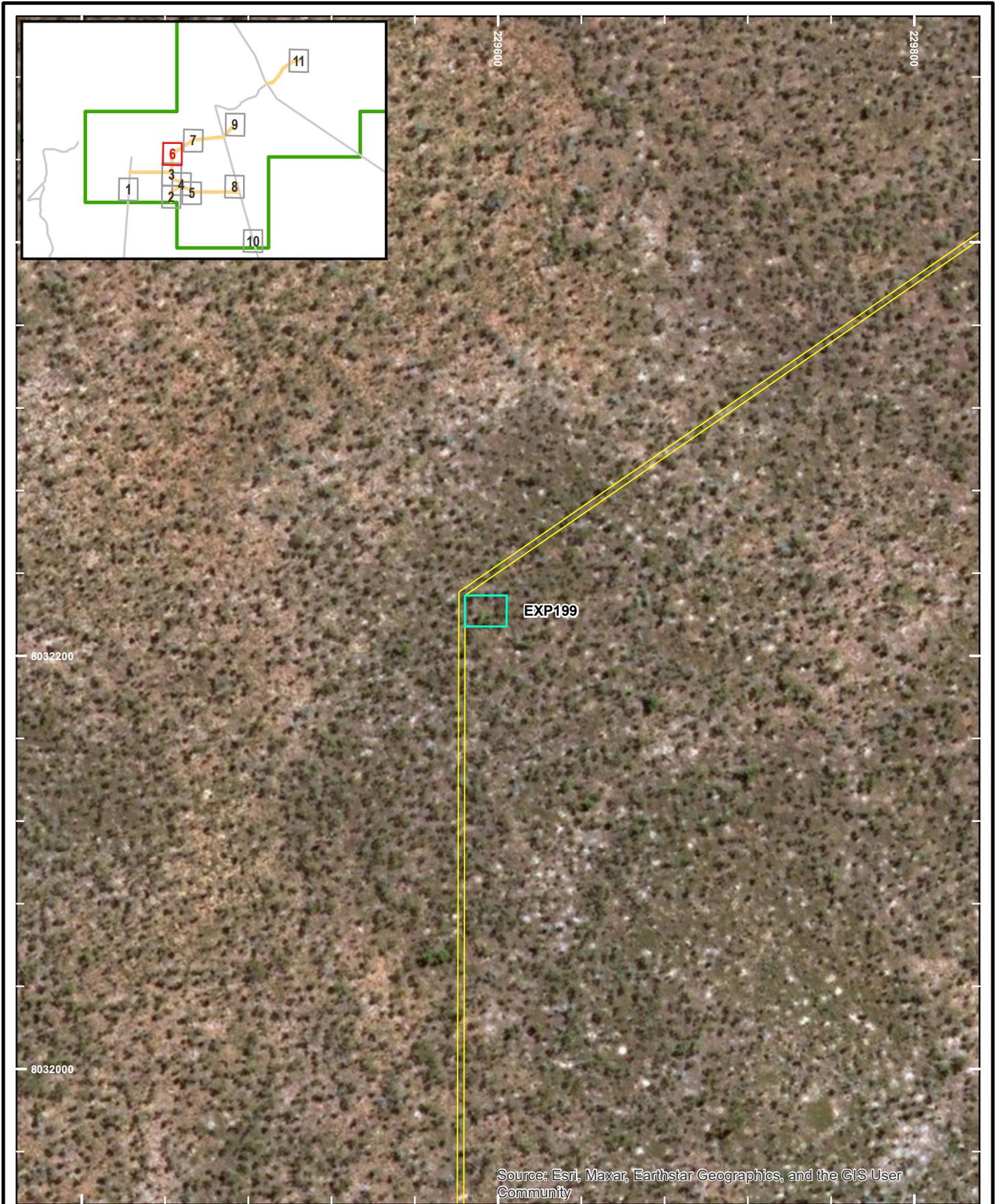
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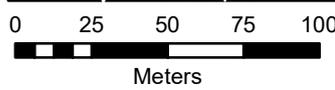
AEON WALFORD EXPLORATION PTY LTD
EPM 26316



	EPM 26316 Drill Pads EXP174, EXP190, EXP201	EPM Boundary Proposed Track (3m width - to scale) Proposed Pad (20m x 15m), Containing Drill Rig, Rod Sloop, Core Trestle, Sump)
	Drawn By: Chris Schlebusch Requested by: Jacob Arnold Date: 14/06/2022	Data sources: ©State of Queensland, Department of Resources ©Geoscience Australia
Page 5 of 11 Sheet No. RTPL_ARD_AEO001_MAP_0001_A		



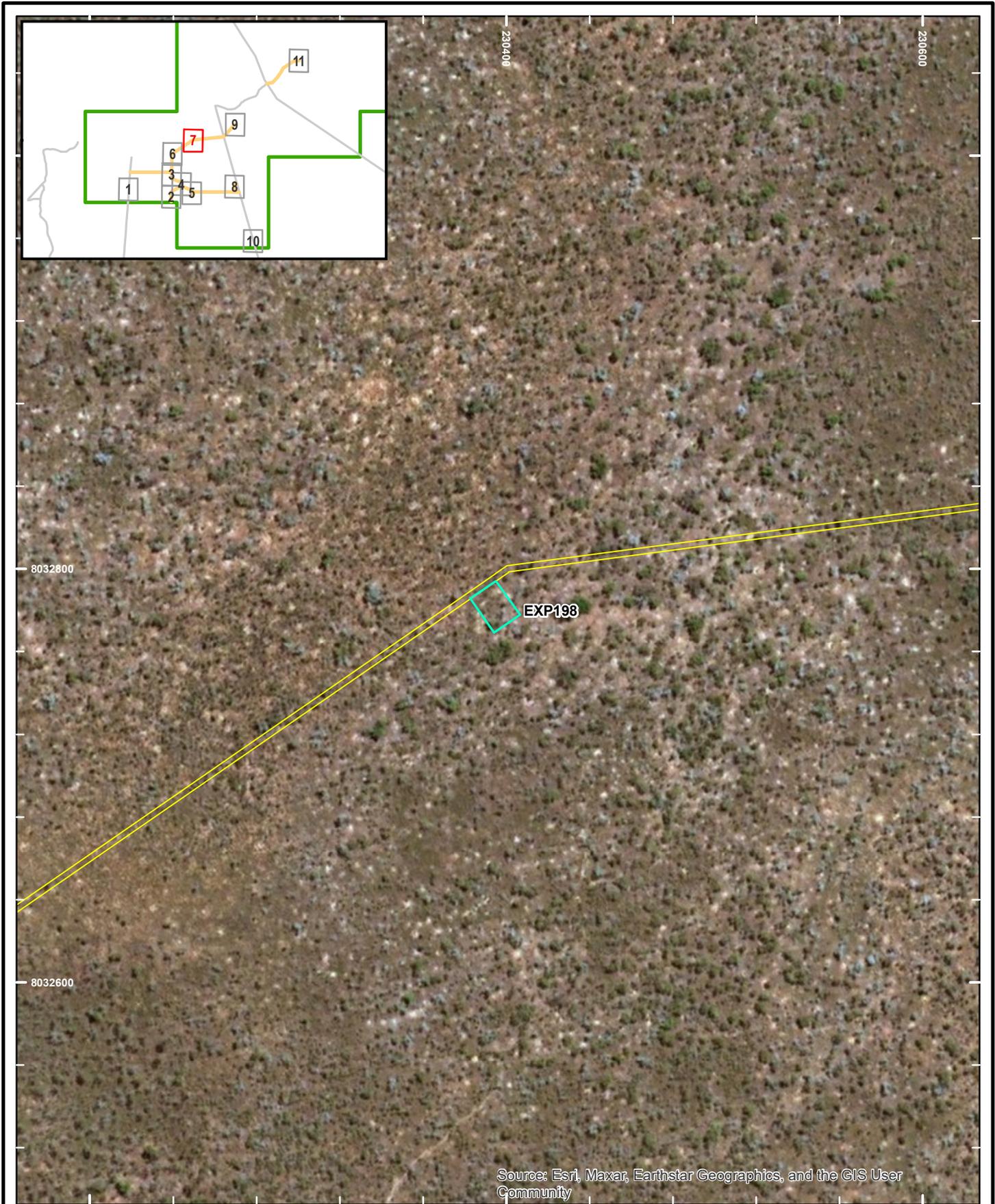
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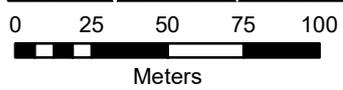
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	Page 6 of 11 Sheet No. RTPL_ARD_AEO001_MAP_0001_A	Drawn By: Chris Schlebusch Requested by: Jacob Arnold Date: 14/06/2022



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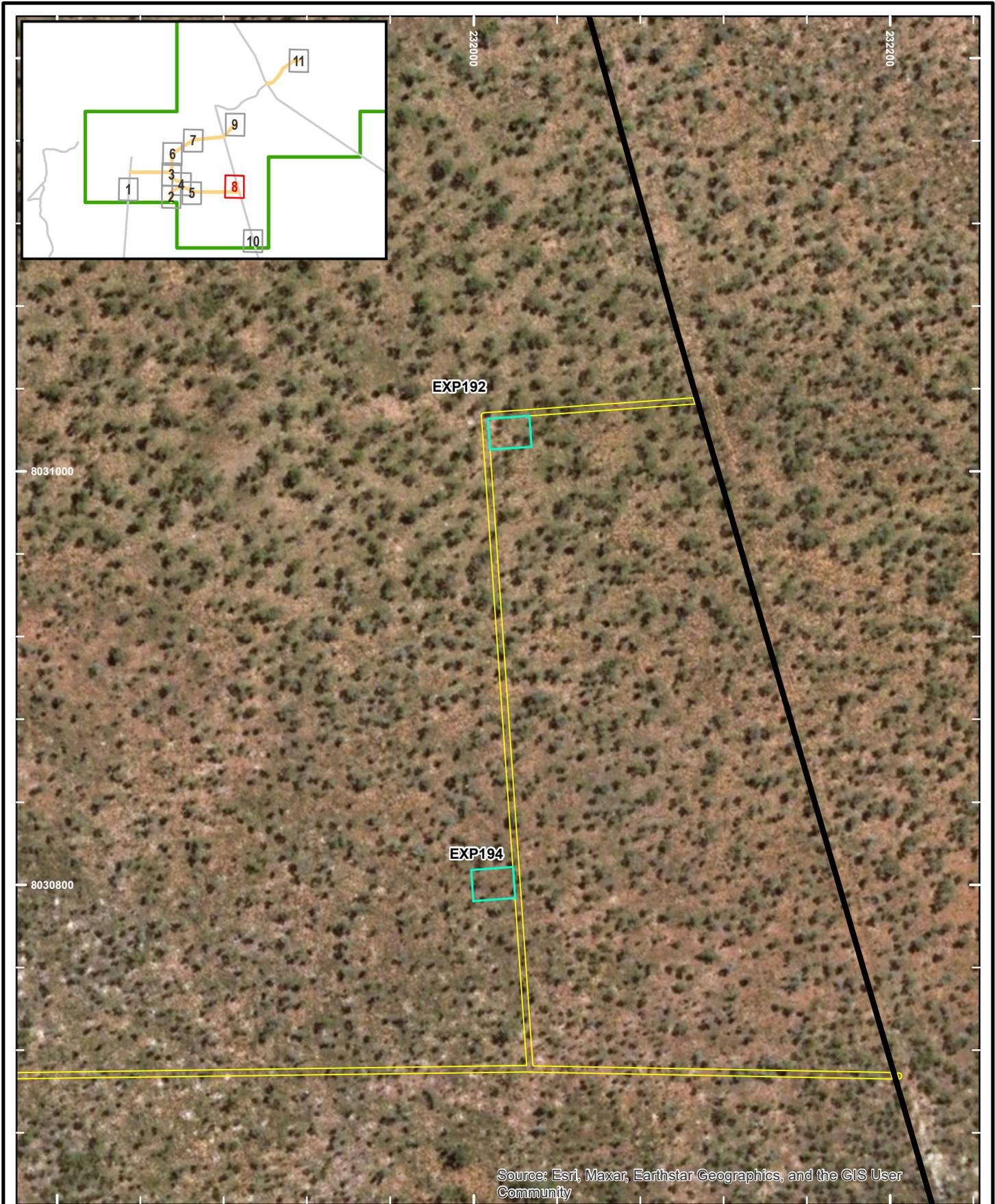


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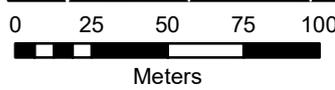


	EPM 26316 Drill Pads EXP198		 EPM Boundary
	Page 7 of 11 Sheet No. RTPL_ARD_AEO001_MAP_0001_A		 Proposed Track (3m width - to scale)
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Requested by: Jacob Arnold			
Date: 14/06/2022			

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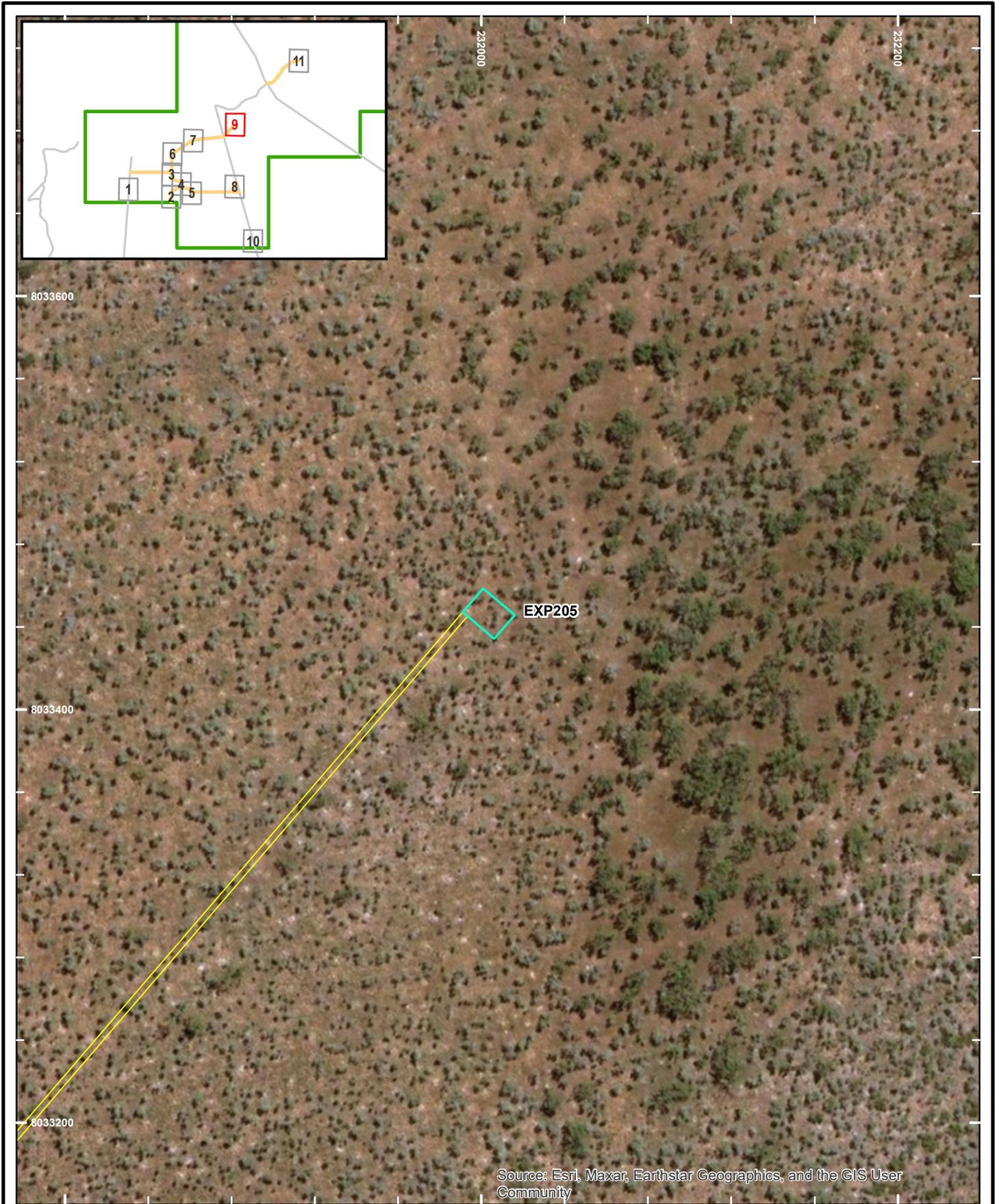


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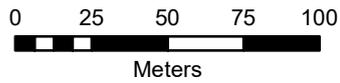


	EPM 26316 Drill Pads EXP192, EXP194		EPM Boundary
	Drawn By: Chris Schlebusch		Existing Pastoral Track
	Requested by: Jacob Arnold		Proposed Track (3m width - to scale)
Page 8 of 11 Sheet No. RTPL_ARD_AEO001_MAP_0001_A	Date: 14/06/2022		Proposed Pad (20m x 15m), Containing Drill Rig, Rod Sloop, Core Trestle, Sump

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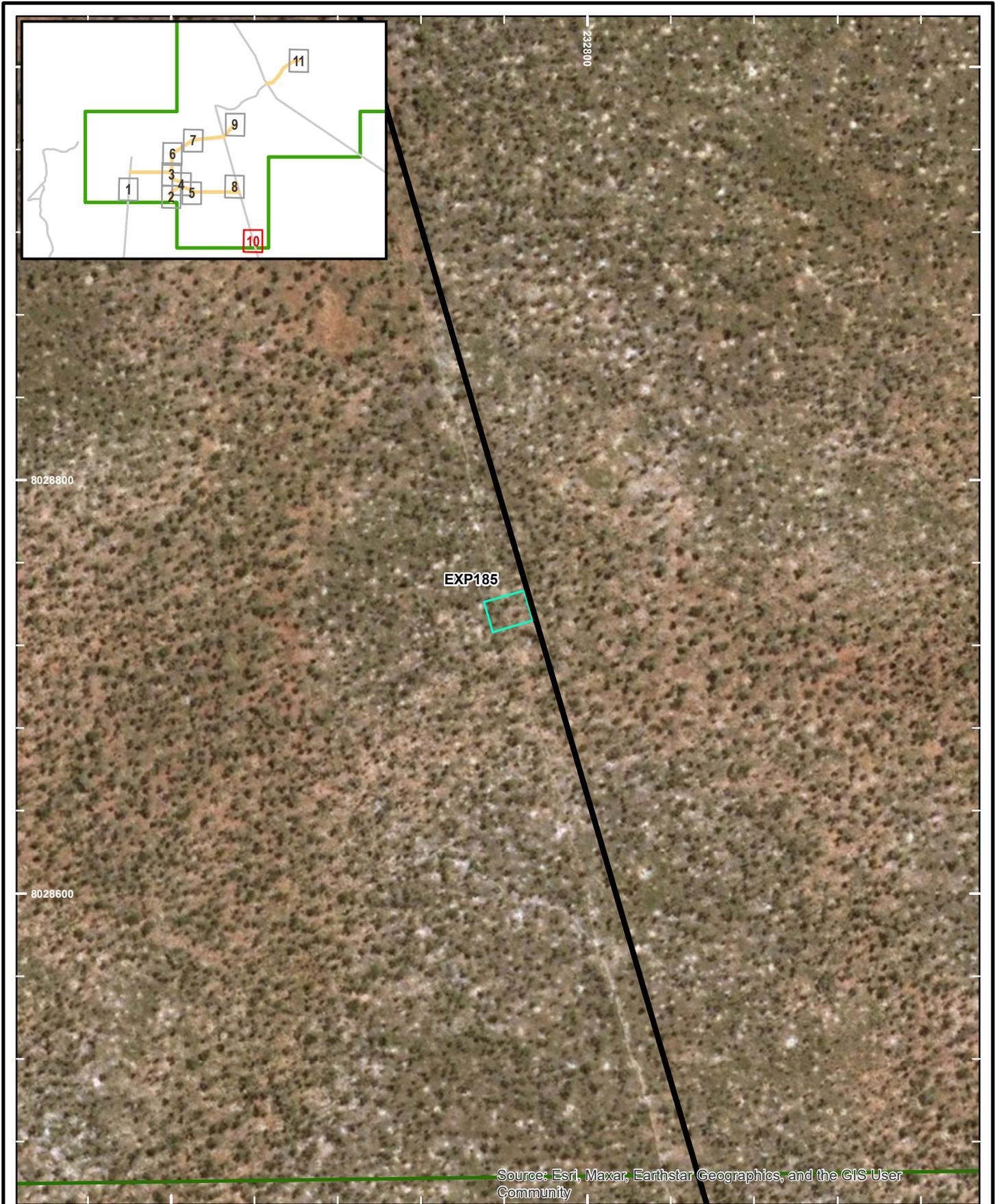
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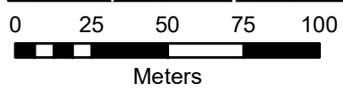
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	Page 9 of 11 Sheet No. RTPL_ARD_AEO001_MAP_0001_A	Drawn By: Chris Schlebusch Requested by: Jacob Arnold Date: 14/06/2022



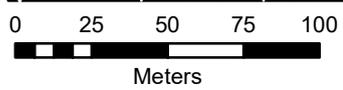
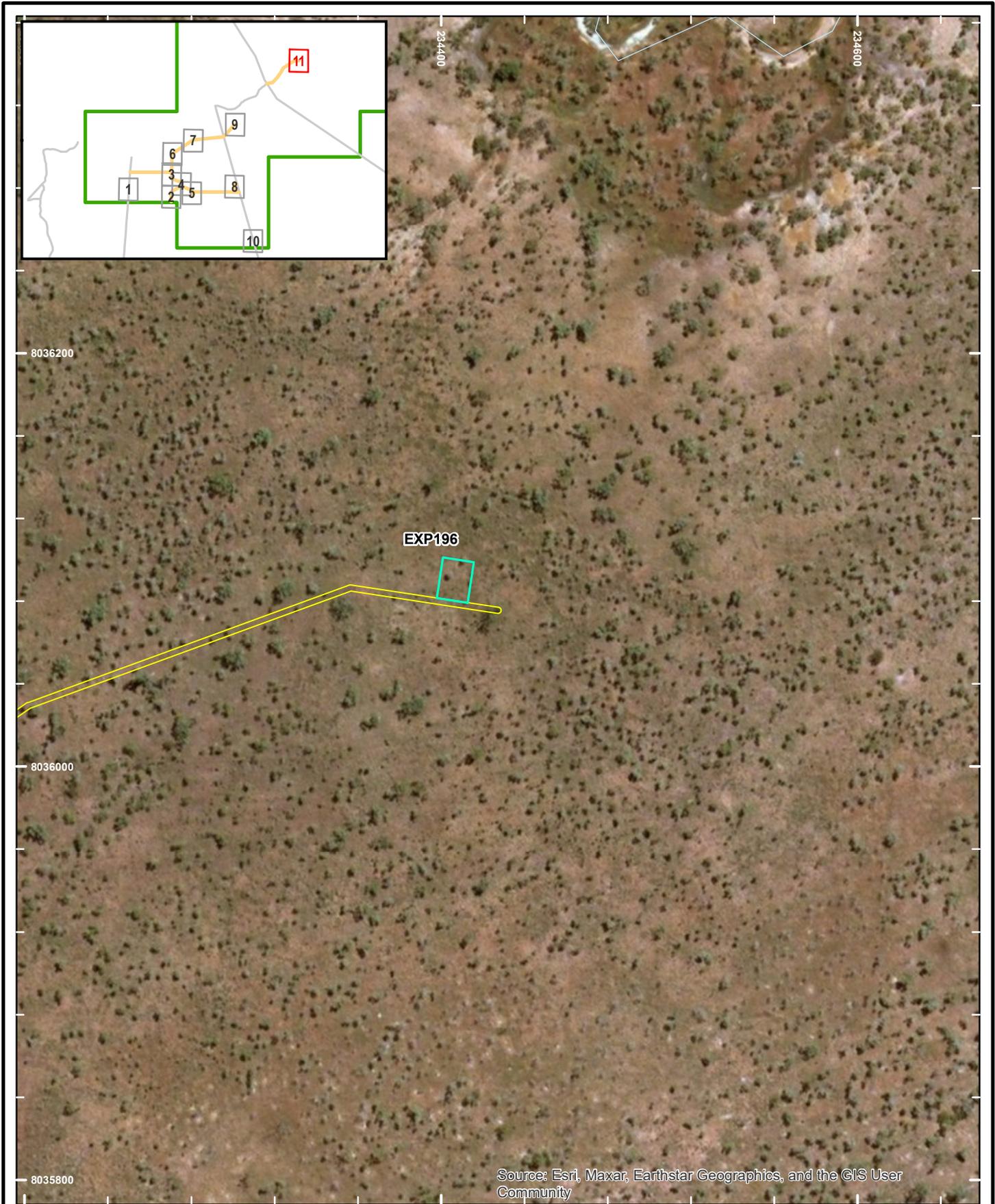
Source: Esri, Maxar, Earthstar Geographics, and the GIS User Community



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	EPM 26316 Drill Pads EXP185	EPM Boundary Existing Pastoral Track Proposed Pad (20m x 15m), Containing Drill Rig, Rod Sloop, Core Trestle, Sump)	
	Page 10 of 11 Sheet No. RTPL_ARD_AEO001_MAP_0001_A	Drawn By: Chris Schlebusch Requested by: Jacob Arnold Date: 14/06/2022	Data sources: ©State of Queensland, Department of Resources ©Geoscience Australia



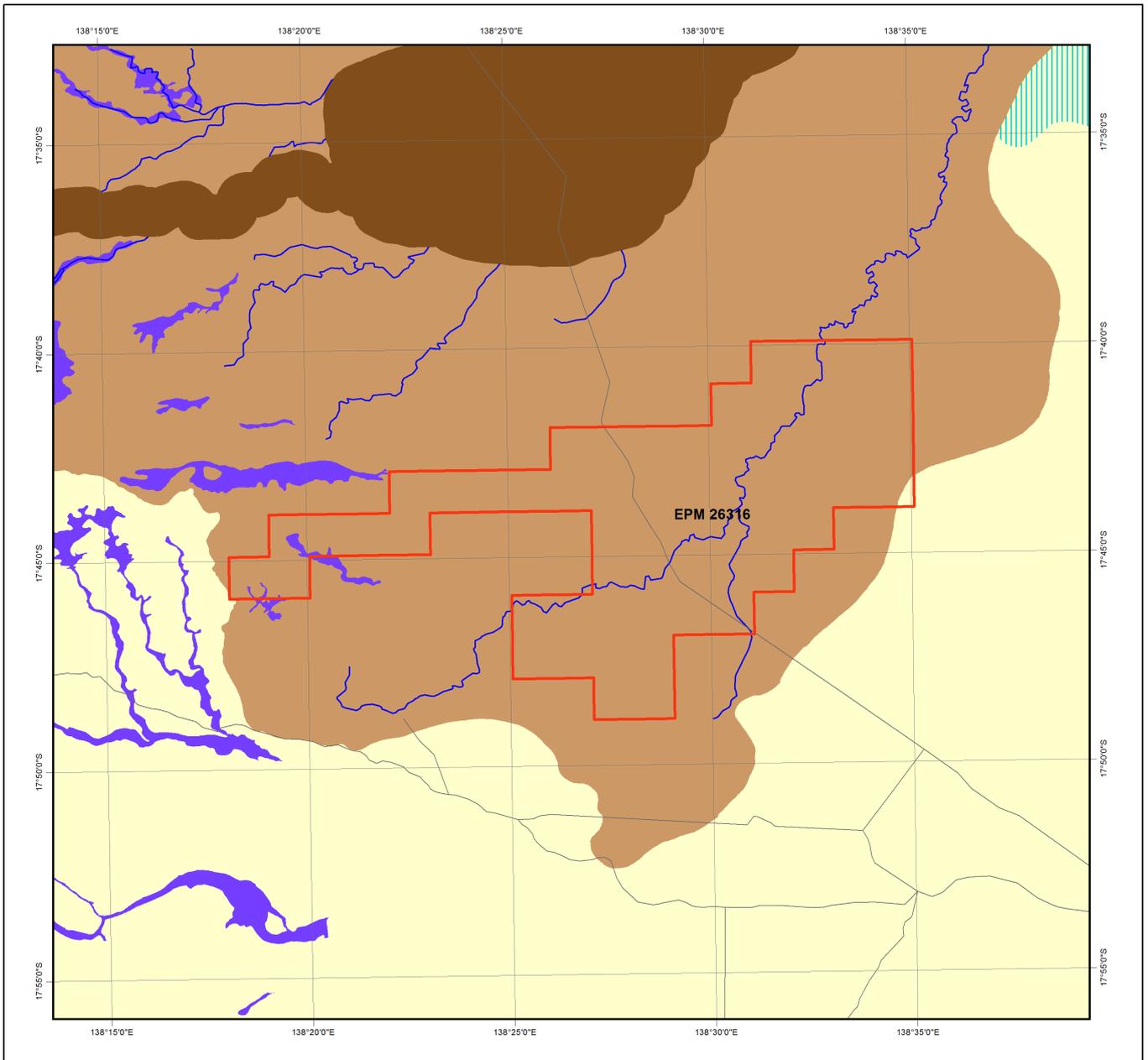
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EPM 26316



	EPM 26316 Drill Pads EXP196	 EPM Boundary  Minor Watercourse  Proposed Track (3m width - to scale)  Proposed Pad (20m x 15m), Containing Drill Rig, Rod Sloop, Core Trestle, Sump)	
	Page 11 of 11 Sheet No. RTPL_ARD_AEO001_MAP_0001_A	Drawn By: Chris Schlebusch Requested by: Jacob Arnold Date: 14/06/2022	Data sources: ©State of Queensland, Department of Resources ©Geoscience Australia

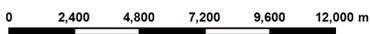
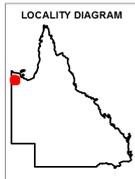
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Appendix 3 EPM 26316 Environmentally Sensitive Areas Map



ENVIRONMENTALLY SENSITIVE AREAS - Mining Activities

- | | |
|---|---|
| Selected Exploration Permit Mineral (EPM) | CATEGORY C |
| CATEGORY A | Nature Refuges |
| National Parks | Resources Reserve |
| Conservation Parks | State Forests |
| Forest Reserves | Timber Reserves |
| Special Wildlife Reserve | River Improvement Areas |
| Wet Tropics World Heritage Area | Stanbroke DLA |
| Great Barrier Reef Marine Park Area | Coastal Management District |
| Marine Parks other than General Use Zones | Dams and Weirs |
| CATEGORY B | OTHERS |
| Queensland Heritage Register Places | Towns |
| Ramsar Sites | Roads |
| Cultural Heritage Registered Areas and DLA's other than Stanbroke | Repealed Wild River Nominated Waterways |
| Special Forestry Areas | Repealed Wild River Preservation Areas |
| Seaward Side of Highest Astronomical Tide | Repealed Wild River High Preservation Areas |
| Fish Habitat Areas | Mahogany Glider Habitat |
| Coordinated Conservation Areas | Directory of Important Wetlands |
| Endangered Regional Ecosystems - regrowth and remnant (Biodiversity Status) | Queensland |
| General Use Zones of Marine Parks | |
| Marine Plants | |



This product is projected into GDA 1994 MGA Zone 54

Information presented on this product is distributed by the Queensland Government as an information source only. While every care is taken to ensure the accuracy of this data, the State of Queensland makes no statements, representations or warranties about the accuracy, reliability, completeness or suitability of any information contained in this product.

The State of Queensland disclaims all responsibility for information contained in this product and all liability (including without limitation, liability in negligence) for all expenses, losses, damages and costs you may incur as a result of the information being inaccurate or incomplete in any way for any reason.

NOTE TO USER: Themes presented in this map are indicative only. Field survey may be required to verify the 'true' spatial extent and value. Not all environmentally sensitive areas are presented in this map. A user should refer to the particular circumstances relevant to their situation to assess the 'completeness' of themes provided.

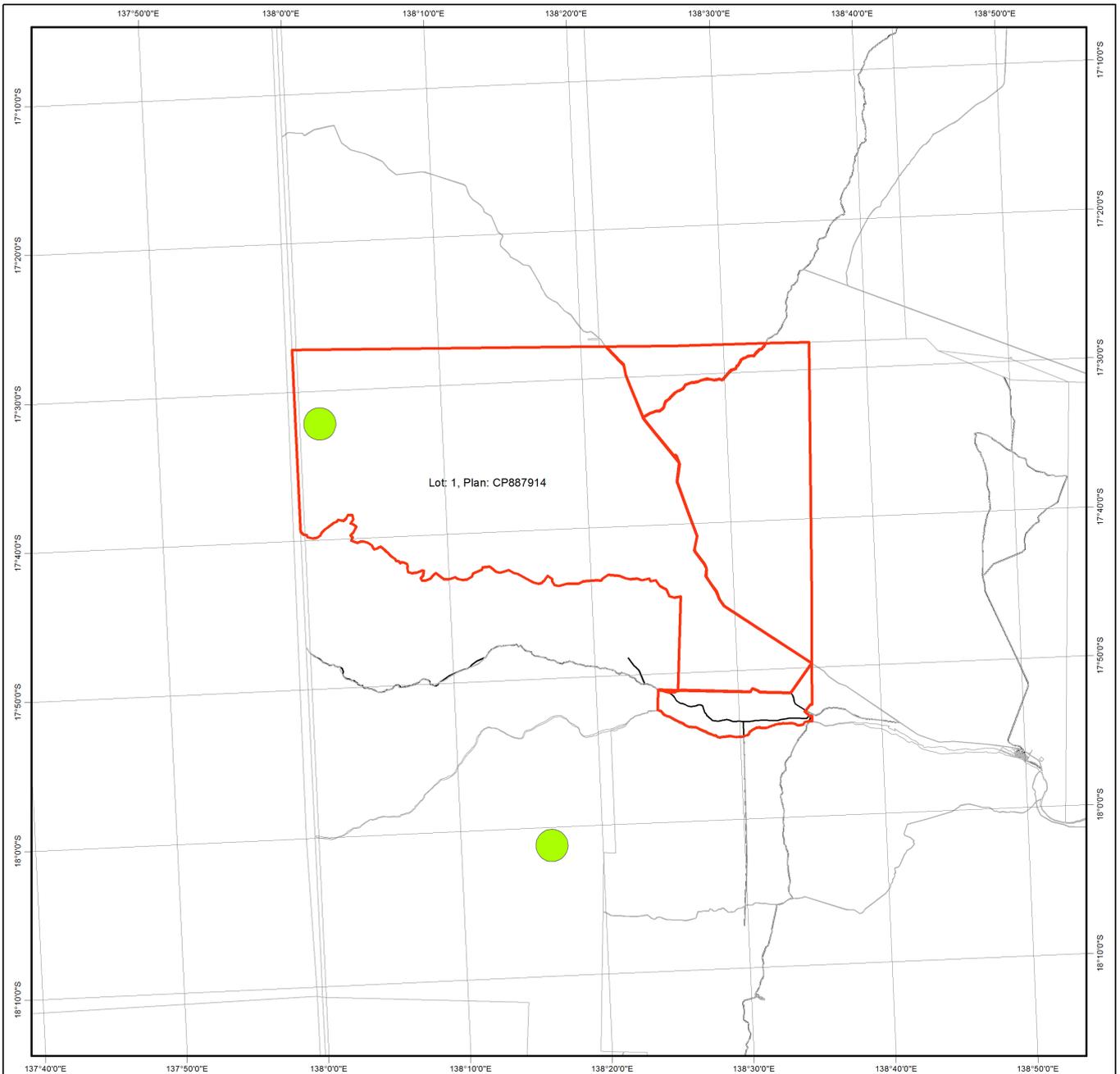
The user should note that some boundaries and indicated values are ambient and may change over time (e.g. regional ecosystem boundaries and conservation status, watercourse mapping etc).

The user should be aware that due to multiple overlapping themes/layers present, some themes/layers may be obscured by others. Ordering in the Legend does not accurately reflect the order by which themes/layers are displayed.



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Appendix 4 Protected Plants Flora Survey Trigger Map



Protected Plants Flora Survey Trigger Map

Legend

- Selected Lot and Plan
- High risk area
- Other land parcel boundaries
- Freeways / motorways / highways
- Secondary roads / streets



This product is projected into:
 GDA 1994 Queensland Albers

This map shows areas where particular provisions of the Nature Conservation Act 1992 apply to the clearing of protected plants.

Land parcel boundaries are provided as locational aid only.

This map is produced at a scale relevant to the size of the area selected and should be printed as A4 size in portrait orientation.

For further information or assistance with interpretation of this product, please contact the Department of Environment and Science at palm@des.qld.gov.au

Disclaimer:
 While every care is taken to ensure the accuracy of the data used to generate this product, the Queensland Government makes no representations or warranties about its accuracy, reliability, completeness or suitability for any particular purpose and disclaim all responsibility and all liability (including without limitation, liability in negligence) for all expenses, losses, damages (including indirect or consequential damages) and costs which might be incurred as a consequence of reliance on the data, or as a result of the data being inaccurate or incomplete in any way and for any reason.

Protected plants flora survey trigger map

The protected plants flora survey trigger map identifies 'high risk areas' where endangered, vulnerable or near threatened plants are known to exist or are likely to exist. Under the *Nature Conservation Act 1992* (the Act) it is an offence to clear protected plants that are 'in the wild' unless you are authorised or the clearing is exempt, for more information see [section 89](#) of the Act.

Please see the Department of Environment and Science webpage on the [clearing of protected plants](#) for information on what exemptions may apply in your circumstances, whether you may need to undertake a flora survey, and whether you may need a protected plants clearing permit.

Updates to the data informing the flora survey trigger map

The flora survey trigger map will be reviewed, and updated if necessary, at least every 12 months to ensure the map reflects the most up-to-date and accurate data available.

Species information

Please note that flora survey trigger maps do not identify species associated with 'high risk areas'. While some species information may be publicly available, for example via the [Queensland Spatial Catalogue](#), the Department of Environment and Science does not provide species information on request. Regardless of whether species information is available for a particular high risk area, clearing plants in a high risk area may require a flora survey and/or clearing permit. Please see the Department of Environment and Science webpage on the [clearing of protected plants](#) for more information.

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Appendix 5 EPBC Act 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: 14-Jun-2022

[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:	None
Wetlands of International Importance (Ramsar)	None
Great Barrier Reef Marine Park:	None
Commonwealth Marine Area:	None
Listed Threatened Ecological Communities:	None
Listed Threatened Species:	12
Listed Migratory Species:	14

Other Matters Protected by the EPBC Act

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

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

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

Commonwealth Lands:	None
Commonwealth Heritage Places:	None
Listed Marine Species:	19
Whales and Other Cetaceans:	None
Critical Habitats:	None
Commonwealth Reserves Terrestrial:	None
Australian Marine Parks:	None
Habitat Critical to the Survival of Marine Turtles:	None

Extra Information

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

State and Territory Reserves:	None
Regional Forest Agreements:	None
Nationally Important Wetlands:	None
EPBC Act Referrals:	1
Key Ecological Features (Marine):	None
Biologically Important Areas:	None
Bioregional Assessments:	None
Geological and Bioregional Assessments:	1

Details

Matters of National Environmental Significance

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

BIRD

[Calidris ferruginea](#)

Curlew Sandpiper [856]

Critically Endangered

Species or species habitat may occur within area

[Erythrotriorchis radiatus](#)

Red Goshawk [942]

Vulnerable

Species or species habitat likely to occur within area

[Erythrura gouldiae](#)

Gouldian Finch [413]

Endangered

Species or species habitat may occur within area

[Falco hypoleucos](#)

Grey Falcon [929]

Vulnerable

Species or species habitat likely to occur within area

[Numenius madagascariensis](#)

Eastern Curlew, Far Eastern Curlew [847]

Critically Endangered

Species or species habitat may occur within area

[Rostratula australis](#)

Australian Painted Snipe [77037]

Endangered

Species or species habitat may occur within area

[Tyto novaehollandiae kimberli](#)

Masked Owl (northern) [26048]

Vulnerable

Species or species habitat may occur within area

MAMMAL

[Dasyurus hallucatus](#)

Northern Quoll, Digul [Gogo-Yimidir], Wijingadda [Dambimangari], Wiminji [Martu] [331]

Endangered

Species or species habitat may occur within area

Scientific Name	Threatened Category	Presence Text
-----------------	---------------------	---------------

[Macroderma gigas](#)

Ghost Bat [174]

Vulnerable

Species or species habitat may occur within area

REPTILE

[Acanthophis hawkei](#)

Plains Death Adder [83821]

Vulnerable

Species or species habitat may occur within area

[Elseya lavarackorum](#)

Gulf Snapping Turtle [67197]

Endangered

Species or species habitat may occur within area

SHARK

[Pristis pristis](#)

Freshwater Sawfish, Largetooth Sawfish, River Sawfish, Leichhardt's Sawfish, Northern Sawfish [60756]

Vulnerable

Species or species habitat may occur within area

Listed Migratory Species

[\[Resource Information \]](#)

Scientific Name	Threatened Category	Presence Text
-----------------	---------------------	---------------

Migratory Marine Birds

[Apus pacificus](#)

Fork-tailed Swift [678]

Species or species habitat likely to occur within area

Migratory Marine Species

[Crocodylus porosus](#)

Salt-water Crocodile, Estuarine Crocodile [1774]

Species or species habitat likely to occur within area

[Pristis pristis](#)

Freshwater Sawfish, Largetooth Sawfish, River Sawfish, Leichhardt's Sawfish, Northern Sawfish [60756]

Vulnerable

Species or species habitat may occur within area

Migratory Terrestrial Species

[Cuculus optatus](#)

Oriental Cuckoo, Horsfield's Cuckoo [86651]

Species or species habitat may occur within area

[Hirundo rustica](#)

Barn Swallow [662]

Species or species habitat may occur within area

[Motacilla cinerea](#)

Grey Wagtail [642]

Species or species habitat may occur within area

Scientific Name	Threatened Category	Presence Text
Motacilla flava Yellow Wagtail [644]		Species or species habitat may occur within area
Migratory Wetlands Species		
Actitis hypoleucos Common Sandpiper [59309]		Species or species habitat may occur within area
Calidris acuminata Sharp-tailed Sandpiper [874]		Species or species habitat may occur within area
Calidris ferruginea Curlew Sandpiper [856]	Critically Endangered	Species or species habitat may occur within area
Calidris melanotos Pectoral Sandpiper [858]		Species or species habitat may occur within area
Charadrius veredus Oriental Plover, Oriental Dotterel [882]		Species or species habitat may occur within area
Glareola maldivarum Oriental Pratincole [840]		Species or species habitat may occur within area
Numenius madagascariensis Eastern Curlew, Far Eastern Curlew [847]	Critically Endangered	Species or species habitat may occur within area

Other Matters Protected by the EPBC Act

Listed Marine Species		[Resource Information]
Scientific Name	Threatened Category	Presence Text
Bird		
Actitis hypoleucos Common Sandpiper [59309]		Species or species habitat may occur within area

Scientific Name	Threatened Category	Presence Text
Anseranas semipalmata Magpie Goose [978]		Species or species habitat may occur within area overfly marine area
Apus pacificus Fork-tailed Swift [678]		Species or species habitat likely to occur within area overfly marine area
Bubulcus ibis as Ardea ibis Cattle Egret [66521]		Species or species habitat may occur within area overfly marine area
Calidris acuminata Sharp-tailed Sandpiper [874]		Species or species habitat may occur within area
Calidris ferruginea Curlew Sandpiper [856]	Critically Endangered	Species or species habitat may occur within area overfly marine area
Calidris melanotos Pectoral Sandpiper [858]		Species or species habitat may occur within area overfly marine area
Chalcites osculans as Chrysococcyx osculans Black-eared Cuckoo [83425]		Species or species habitat may occur within area overfly marine area
Charadrius veredus Oriental Plover, Oriental Dotterel [882]		Species or species habitat may occur within area overfly marine area
Glareola maldivarum Oriental Pratincole [840]		Species or species habitat may occur within area overfly marine area
Haliaeetus leucogaster White-bellied Sea-Eagle [943]		Species or species habitat may occur within area

Scientific Name	Threatened Category	Presence Text
Hirundo rustica Barn Swallow [662]		Species or species habitat may occur within area overfly marine area
Merops ornatus Rainbow Bee-eater [670]		Species or species habitat may occur within area overfly marine area
Motacilla cinerea Grey Wagtail [642]		Species or species habitat may occur within area overfly marine area
Motacilla flava Yellow Wagtail [644]		Species or species habitat may occur within area overfly marine area
Numenius madagascariensis Eastern Curlew, Far Eastern Curlew [847]	Critically Endangered	Species or species habitat may occur within area
Rostratula australis as Rostratula benghalensis (sensu lato) Australian Painted Snipe [77037]	Endangered	Species or species habitat may occur within area overfly marine area

Reptile

Crocodylus johnstoni Freshwater Crocodile, Johnston's Crocodile, Johnstone's Crocodile [1773]		Species or species habitat may occur within area
Crocodylus porosus Salt-water Crocodile, Estuarine Crocodile [1774]		Species or species habitat likely to occur within area

Extra Information

EPBC Act Referrals			[Resource Information]
Title of referral	Reference	Referral Outcome	Assessment Status
Not controlled action			
Improving rabbit biocontrol: releasing another strain of RHDV,	2015/7522	Not Controlled Action	Completed

Title of referral	Reference	Referral Outcome	Assessment Status
Not controlled action			
sthrn two thirds of Australia			

Geological and Bioregional Assessments

Name	State	Website
Isa GBA region	QLD	GBA website

Caveat

1 PURPOSE

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

The report contains the mapped locations of:

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

2 DISCLAIMER

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

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

3 DATA SOURCES

Threatened ecological communities

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

Threatened, migratory and marine species

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

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

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

4 LIMITATIONS

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

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

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

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

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

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

Acknowledgements

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

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

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

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

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RPI DEVELOPMENT APPLICATION SUPPORTING INFORMATION
AEON WALFORD EXPLORATION PTY LTD

Appendix 6 Wildlife Online Extract



Queensland Government

WildNet species list

Search Criteria: Species List for a Defined Area
Species: All
Type: All
Queensland status: All
Records: All
Date: All
Latitude: 17.7454 to 17.8147
Longitude: 138.4322 to 138.4964
Email: jacob.arnold@ardent-group.com.au
Date submitted: Tuesday 14 Jun 2022 11:33:00
Date extracted: Tuesday 14 Jun 2022 11:40:11

The number of records retrieved = 24

Disclaimer

Information presented on this product is distributed by the Queensland Government as an information source only. While every care is taken to ensure the accuracy of this data, the State of Queensland makes no statements, representations or warranties about the accuracy, reliability, completeness or suitability of any information contained in this product.

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

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

Kingdom	Class	Family	Scientific Name	Common Name	I	Q	A	Records
animals	birds	Artamidae	<i>Cracticus nigrogularis</i>	pied butcherbird		C		1
animals	birds	Cacatuidae	<i>Eolophus roseicapilla</i>	galah		C		1
animals	birds	Cacatuidae	<i>Nymphicus hollandicus</i>	cockatiel		C		1
animals	birds	Campephagidae	<i>Coracina novaehollandiae</i>	black-faced cuckoo-shrike		C		1
animals	birds	Campephagidae	<i>Lalage tricolor</i>	white-winged triller		C		1
animals	birds	Columbidae	<i>Geopelia placida</i>	peaceful dove		C		1
animals	birds	Corvidae	<i>Corvus sp.</i>			C		1
animals	birds	Falconidae	<i>Falco berigora</i>	brown falcon		C		1
animals	birds	Meropidae	<i>Merops ornatus</i>	rainbow bee-eater		C		1
animals	birds	Monarchidae	<i>Myiagra inquieta</i>	restless flycatcher		C		1
animals	birds	Pomatostomidae	<i>Pomatostomus temporalis</i>	grey-crowned babbler		C		1
animals	birds	Psittacidae	<i>Melopsittacus undulatus</i>	budgerigar		C		1
animals	birds	Rhipiduridae	<i>Rhipidura leucophrys</i>	willie wagtail		C		1
plants	land plants	Commelinaceae	<i>Cartonema parviflorum</i>			C		1/1
plants	land plants	Cyperaceae	<i>Schoenoplectiella humillima</i>			C		1/1
plants	land plants	Leguminosae	<i>Acacia hammondii</i>			C		1/1
plants	land plants	Myrtaceae	<i>Melaleuca citrolens</i>			C		1/1
plants	land plants	Poaceae	<i>Aristida holathera var. holathera</i>			C		1/1
plants	land plants	Poaceae	<i>Aristida hygrometrica</i>			C		1/1
plants	land plants	Poaceae	<i>Aristida ingrata</i>			C		1/1
plants	land plants	Poaceae	<i>Digitaria nematostachya</i>			C		1/1
plants	land plants	Poaceae	<i>Enneapogon pallidus</i>	conetop nineawn		C		1/1
plants	land plants	Poaceae	<i>Schizachyrium fragile</i>	firegrass		C		1/1
plants	land plants	Santalaceae	<i>Santalum lanceolatum</i>			SL		1/1

CODES

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

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

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

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

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

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

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

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

