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RPI DEVELOPMENT APPLICATION SUPPORTING INFORMATION

AUSTRAL RESOURCES OPERATIONS PTY LTD

MAY 2023

ARA001



Document Control Sheet

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Project:	ARA001		24 May 2023		
Title:	RPI Development Application Supporting Information				
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Revision Number	Date
Rev A	24/04/2023
Rev B	09/05/2023
Rev C	19/05/2023
01	24/05/2023
02	
03	

Number of Copies									
Revision Number	Α	В	С	D	01	02	03	04	05
Ardent Group File	1	1	1		1				
Client		1	1		1				
Department					1				

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1. Introduction

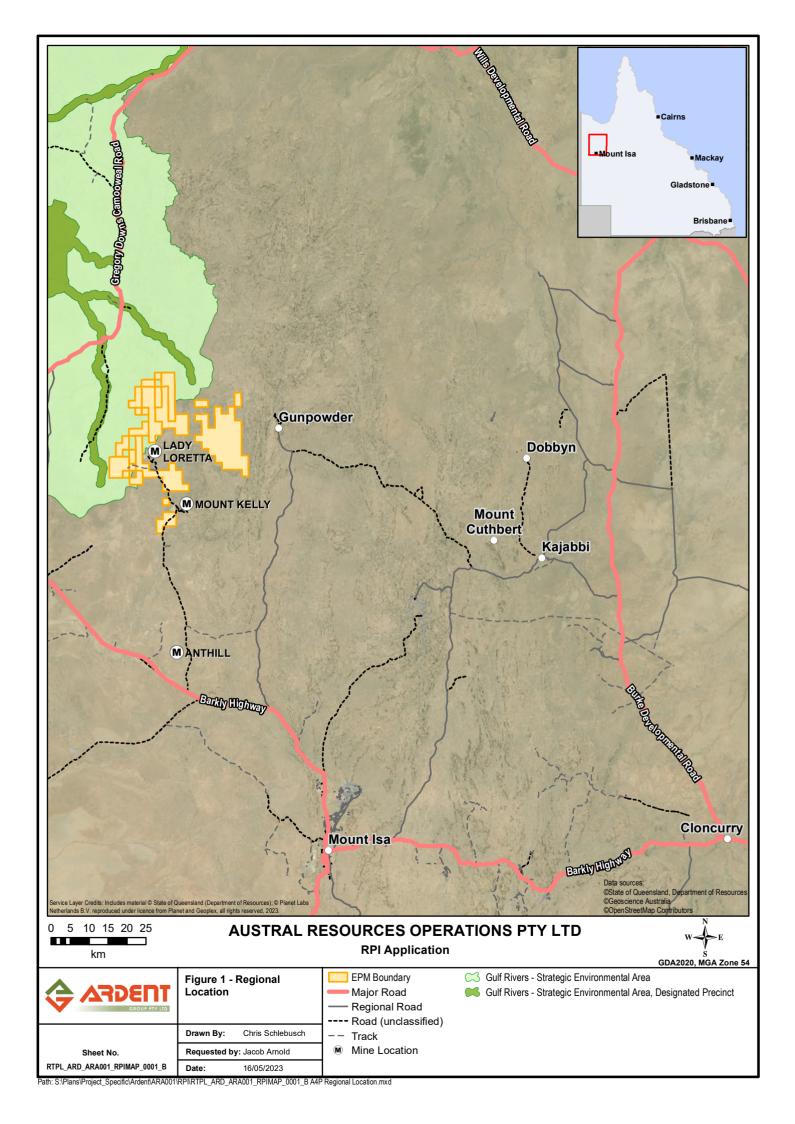
Austral Resources Operations Pty Ltd (Austral), a subsidiary of Austral Resources Australia Limited (ASX code: AR1), propose to undertake exploration activities on Exploration Permit for Minerals (EPM) 16243, EPM 17088, EPM 17422, EPM 17469, EPM 17789 and EPM 27979 located approximately 120km north-northwest of Mount Isa in northwest Queensland, near the Lady Annie and Lady Loretta mines ("the Project").

The Project is situated within the Gulf Rivers Strategic Environmental Area (SEA) (Figure 1) and therefore Austral requires approval under Section 28 of the *Regional Planning Interests Act 2014* (RPI Act). Austral holds a granted Environmental Authority (EA) for each of the EPMs that are part of the Project located within the SEA (EPVX00756413, EPVX02677914, EPVX00162213, EPVX02682414, EPVX00719313 and P-EA-100122072), 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 Austral 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 outline the environment attributes and expected impacts of this proposed exploration project on the environmental attributes.





1.1 The Applicant and Project Overview

Austral Resources Australia Limited is a copper producer, developer and explorer located in the Mount Isa District of northwest Queensland. Austral is actively developing its Anthill copper mine which achieved an average daily production rate of 33.5 tonnes of LME Grade-A copper cathode from its Mt Kelly heap leach and SXEW processing plant by the end of 2022. The project mine life of Anthill is four years.

Austral are actively exploring its highly prospective tenure package for new discoveries. Targets were generated by airborne surveys completed in 2021 with refinement using geology and geochemistry datasets. The purpose of this exploration work is the discovery of economic resources of copper, lead, and zinc, which are critical metals for the state economy and for development of renewable technologies.

1.2 Property and Tenure Details

There is a total of four land parcels within the SEA and across EPM 16243, EPM 17088, EPM 17422, EPM 17469, EPM 17789 and EPM 27979. Summary details of the properties located across these tenements and within the SEA are shown in **Table 1**. Title searches have been attached at **Appendix 1**.

Tenure details for the Project are summarised in **Table 2**. EAs EPVX00756413, EPVX02677914, EPVX00162213, EPVX02682414 and EPVX00719313 have been varied to include:

"The holder of this environmental authority must not carry out activities in a category A or B Environmentally Sensitive Area. Activities involving machinery for the purpose of exploration may be carried out within 1km of a Category A ESA or within 500m of a Category B ESA providing the activities do not impact upon environmental values of the ESA. Prior to carrying out activities in a Category C ESA, consult with the relevant administering authority. If it is determined through the consultation that additional conditions are necessary, the holder must comply with those conditions".



Table 1 Property Details

Category	Land Parcel 1	Land Parcel 2	Land Parcel 3	Land Parcel 4
Lot/Plan	Lot 1 on UN6	Lot 1 on UN7	Lot 3 on UN803945	Lot 5 on CP865892
Property Name	Paradise Valley	Thorntonia	Koolamarra	Calton Hills
Tenure	Lands Lease – Term Lease	Lands Lease – Rolling Term Lease	Lands Lease – Rolling Term Lease	Land Lease – Term Lease
Landholder	Noranda Pacific Pty Ltd (ACN 006 864 802)	Bezuma Pastoral Co. Pty Ltd (ACN 010 553 474)	David Alfred Spreadborough	Calton Hills Pty Ltd (ACN 066 708 727)
Postal Address	Lady Loretta Mine PMB 6 Mount Isa QLD 4825	Lloyd and Wendy Hick Thorntonia Station C/- Post Office Camooweal QLD 4828	PO Box 99 Mount Isa QLD 4825	Calton Hills Station PO Box 2935 Mount Isa QLD 4825
Phone Numbers/email addresses (if known)	Steve Andrews Glencore Lady Loretta Project Manager Email: Steve.Andrews@glencore.com.au	Ph: 07 4748 4852 Mobile: 041770342 Email: thorntonia@activ8.net.au	Ph: 07 4748 4802 Mobile: 0488 228 749 Email: koolamara1@bigpond.com	Ph: 07 4748 4948 Paul Edmonds Station Manager Ph: 0439 132 225 Email: manager@caltonhill.com.au

Table 2 Tenure Details

Specification	EPM 16243	EPM 17088	EPM 17422	EPM 17469	EPM 17789	EPM 27979
Grant Date	11/01/2010	09/02/2012	09/08/2012	09/02/2012	07/10/2011	16/05/2022
Expiry Date	10/01/2024	08/02/2024	08/08/2023 (renewal lodged)	08/02/2024	06/10/2025	15/05/2027
Sub-blocks	25	3	9	2	38	72
EA Number	EPVX00756413	EPVX02677914	EPVX00162213	EPVX02682414	EPVX00719313	P-EA-100122072
EA Type	Variation	Variation	Variation	Variation	Variation	Standard



2. Proposed Activities

Austral propose to undertake the following resource activities under EPM 16243, EPM 17088, EPM 17422, EPM 17469, EPM 17789 and EPM 27979, which will fall within the Gulf Rivers SEA:

- Ground-disturbing:
 - o Construction of access tracks; and
 - o Establishment of 58 drill pads.
- Non-ground-disturbing:
 - General traversing across EPMs;
 - Ground mapping;
 - Surface sampling;
 - Ground geophysical surveys; and
 - Cultural heritage surveys.

Non-ground disturbing exploration activities may be undertaken on all land parcels stated in **Table 1**, while ground-disturbing exploration activities will only be undertaken within Lot 1 on UN6 and Lot 1 on UN7.

Within the 58 drill pads, there will be a total of 58 drillholes, comprising 10 diamond drillholes and 45 reverse circulation (RC) drillholes.

All Austral and contracted staff will be based at the Mt Kelly mine camp, while all (JV-partner) Mount Isa Mines Resource Development (MIMRD) and contracted staff will be billeted at Lady Loretta mine camp, as drill sites are within comfortable driving distance. Fuel and laydown areas are available at the Mt Kelly mine and Lady Loretta mine.

A summary of the proposed ground-disturbing activities, their locations and expected disturbance levels are summarised in **Table 3** and illustrated in **Figure 2**. Definitions of each ground-disturbing activity are described in **Table 4**. In addition, schematics of the proposed diamond and RC drillholes are illustrated in **Figure 3** and **Figure 4** respectively.



Table 3 Summary of Proposed Ground-Disturbing Activities and their Estimated Disturbance

Activity	Number		Location		Total disturbance (ha)
Access	12.37km	L	ot 1 on UN6		3.7ha
tracks	12.57KIII	L	ot 1 on UN7		(3m wide tracks)
		Diamond Drillholes	_		
		Drillhole	Easting	Northing	
		Lot 1 on UN6:		ı	
		P-LL2022-20	298072	7819853	
		P-LL2022-31	292722	7815873	
		P-LL2022-32	291887	7817623	
		P-LL2022-33	294922	7817523	
		P-LL2022-34	291365	7818329	
		Lot 1 on UN7:		ı	
		P-LL2022-19	289572	7814523	
		P-LL2022-21	298572	7826455	
		P-LL2022-22	298819	7828123	
		P-LL2022-23	298949	7825900	
		P-LL2022-24	288623	7810453	
		P-LL2022-25	286708	7810568	
		P-LL2022-26	288798	7809673	
		P-LL2022-27	287373	7810448	
		Coordinates are GDA94 Mo	GA Zone 54		
		RC Drillholes			
		Drillhole	Easting	Northing	Initial: 2.58ha
Drill	58	Lot 1 on UN6:			(45 x (20m x 20m))
pads		pNHP_a	296850	7822200	(13 x (20m x 30m)
		pNHP_b	296750	7822200	
		Lot 1 on UN7:			
		pDRF_a	298290	7828050	
		pDRF_b	298300	7828225	
		pDRF_c	298290	7827990	
		pDRF_d	298340	7827990	
		pDRF_e	298300	7828300	
		pDRF_f	298310	7828450	
		pDRF_g	298270	7827630	
		pBUB_a	298410	7826430	
		pBUB_b	298410	7826480	
		pBUB_c	298410	7826530	
		pBUB_d	298475	7826875	
		pBUB_e	298425	7826875	
		pKCH_a	298450	7827450	
		pKCH_b	298350	7827450	
		pKCH_c	298250	7827450	
		pKCH_d	298450	7827330	
		pKCH_e	298200	7827250	
		pKCH_f	298300	7827250	



Activity	Number		Location		Total disturbance (ha)
		pKCH_g	298400	7827250	
		pKCH_h	298175	7827550	
		pKCH_i	298075	7827550	
		pKCH_j	297975	7827550	
		pKCH_k	297875	7827550	
		pLAG_a	295775	7826100	
		pLAG_b	295675	7826100	
		pLAG_c	295575	7826100	
		pLAG_d	295850	7826300	
		pLAG_e	295750	7826300	
		pLAG_f	295650	7826300	
		pLAG_g	296225	7827825	
		pLAG_h	296175	7827825	
		pLAG_i	296125	7827825	
		pLAG_j	296075	7827825	
		pLAG_k	296025	7827825	
		pDEB_a	298275	7825700	
		pDEB_b	298375	7825700	
		pDEB_c	298475	7825700	
		pDEB_d	298575	7825700	
		pDEB_e	297900	7825300	
		pDEB_f	298000	7825300	
		pDEB_g	298100	7825300	
		pDEB_h	298200	7825300	
		pDEB_i	298300	7825300	
		Coordinates are GDA94 M			
TOTAL DI	STURBANCE	6.28ha			

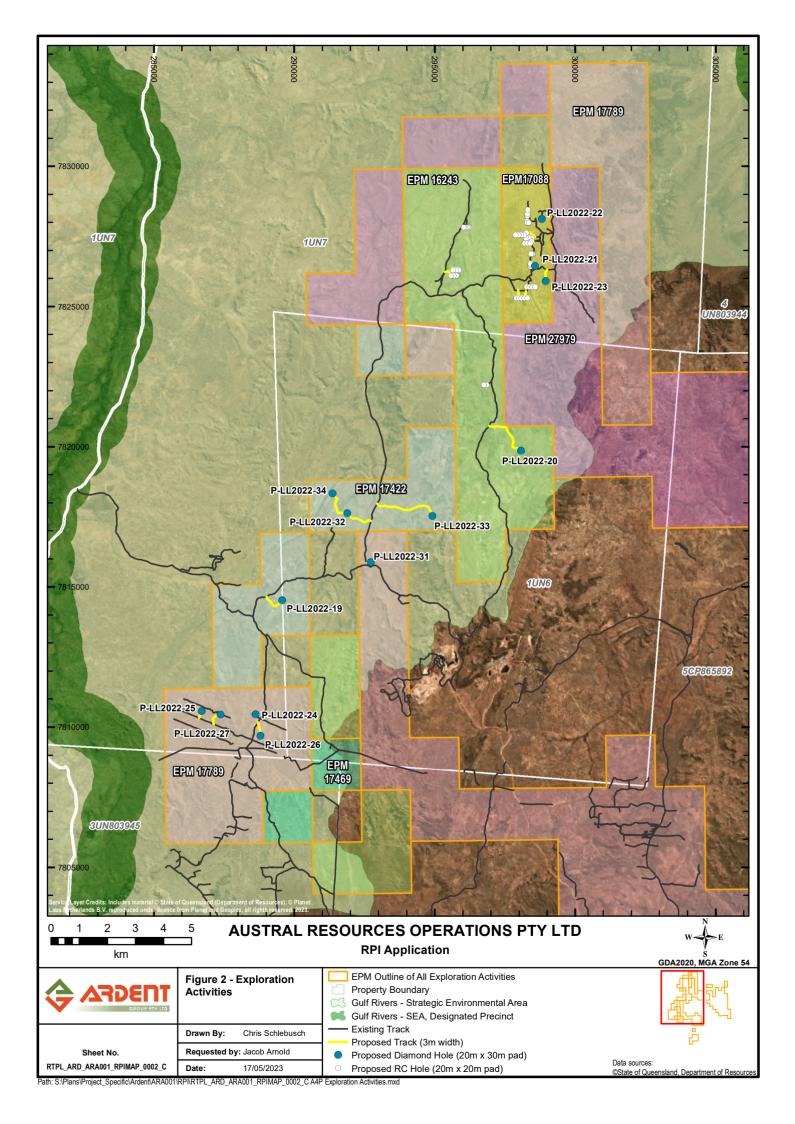




Table 4 Definitions of ground-disturbing resource activities

Resource Activity	Definition
Access tracks	A cleared track approximately 3m wide to facilitate vehicular access of drilling
Access tracks	equipment and personnel.
	As shown in Figure 3,the drill pad for the diamond drilling is a 20m x 30m
Drill pads	(0.06ha) area used to provide a stable platform for the mud rotary and
	diamond tail drilling procedure. While, the drill pad required for the RC drilling
	will be a smaller 20m x 20m (0.04ha) area.

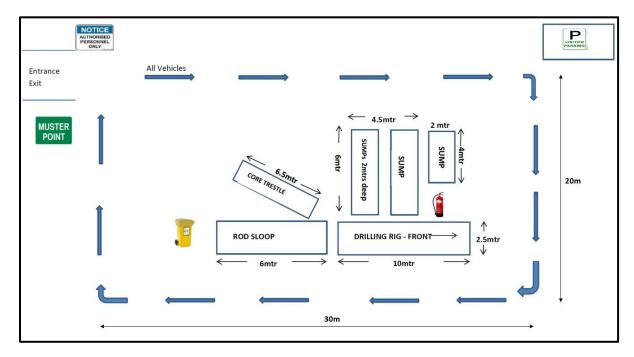


Figure 3 Schematic of the Proposed Diamond Drillhole Drill Pad



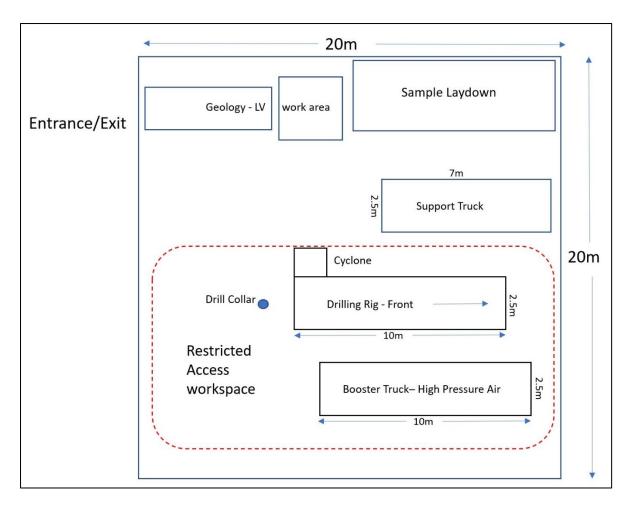


Figure 4 Schematic of the Proposed RC Drillhole Drill Pad

2.1 Drilling Program

There will be two drill programmes conducted as part of the Project, a diamond drilling program (possibly requiring two drill rigs) of 13 drillholes with a total meterage of 9,200m (target depths ranging from 300m to 1,100m) and a RC drilling program of 45 drillholes with a planned meterage of 3,800m (10 drillholes with a target depth of 100m and 35 drillholes with a target depth of 80m). Actual hole depths may exceed predicted depths. The on-duty geologist will inform if the target has been reached. The diamond drilling will be 96mm (HQ) and 76mm (NQ) in diameter, while RC drilling is 5.5-inch diameter. PVC casing for the top 6m of both the diamond and RC drillholes will be 125mm in diameter.

No artesian water is likely to be intersected as drillholes are testing outcropping Proterozoic basement geology and no Palaeozoic cover sequences are present that host artesian water bearing stratigraphy.

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, based on both geological and environmental grounds. Austral 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 drillhole 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/bulldozer; or
- 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 but may also involve a tracked bulldozer. Excavated subsoil soils will be stockpiled separately from topsoil.

Drilling equipment is likely to include the following equipment:

- Types of drill rigs supplied will be KWL, UDR or DE type truck mounted;
- Support vehicles (MR truck or light truck);
- Rod carrier truck;
- Water truck;
- Lighting towers (on trailer); and
- Mobile workshop/office caravan or shipping container.

Appendix 2 shows the extent of the proposed drill pads. Each diamond drill pad will be no larger than 20m x 30m (0.06ha) and each RC drill pad will be no larger than 20m x 20m (0.04ha).

Site rehabilitation will be undertaken in accordance with the *Code of Environmental Compliance for Exploration and Mineral Development Projects*. This includes, but not limited to:

- Condition 39: 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 40: Condition 39 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 41: 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 42: 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 40, if the landholder 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

An access track will be required to allow access for all drilling equipment and personnel to each of the proposed drilling sites. Existing pastoral tracks have been used 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. Access to the drill sites have been minimised as far as practicable using existing tracks. New tracks will be constructed by driving the grader (or bulldozer) along the route, with the blade up where possible, to minimise disturbance to topsoil.

Ground-disturbing exploration activities for the Austral project will require crossing 16 regulated vegetation (defined watercourse) corridors (Appendix 3). Criteria used to decide the location of access tracks and watercourse crossing points include:

- The distance from the nearest constructed property track or fence line to the crossing point;
- The nature of the vegetation between the start point and the crossing point i.e. dense or open, Endangered, Of Concern, or Least Concern at Present Regional Ecosystems;
- The stream order at the crossing point with reference to the amount or area of increased disturbance if the watercourse were crossed at a lower stream order;
- Vegetation at the crossing point dense or open, woody or grassy, etc;
- The entry and exit from the proposed crossing point incised or gradual, sandy or rocky etc;
- The nature of the watercourse at the crossing point deep or shallow, incised channel or braided riffles;
- The position on the watercourse on a bend or on a straight; and
- Evidence or likelihood of high use by fauna footprints, hollow bearing trees, nest or den sites etc.

Applying these criteria to route selection for the 3m wide access tracks through the regulated vegetation (defined watercourse) corridors ensures that they will not interfere with the ecological function of the riparian vegetation communities. Access tracks will be constructed by driving the grader (or bulldozer) along the route, with the blade up where possible, to minimise disturbance to topsoil, retaining most grasses, herbs and small shrubs while avoiding woody vegetation as much as possible and practical.

The access tracks were selected to start at the nearest existing track to each of the proposed drill sites and were designed to reduce the extent of environmental disturbance by avoiding dense vegetation and regulated vegetation corridors. Each crossing of a regulated vegetation corridor is at the lowest stream order practical, and/or where vegetation disturbance can be minimised. Although 16 regulated vegetation corridors will be crossed, detailed desktop assessment has identified routes that will minimise environmental disturbance.

All proposed disturbance will occur in Res that have a sparse or very sparse structure category where mature trees may be avoided (Table 5). As track construction is usually 'blade up', the access track for ground-disturbing exploration activities will not affect the connectivity and functionality of vegetation in the area, and the area will continue to provide habitat for fauna and facilitate movement of fauna.

Satellite imagery shows the 16 regulated vegetation corridors are not in densely vegetated riparian corridors, but in a sparse or very sparse low open woodland. The 3m wide track through these corridors will not restrict fauna movement because the vegetation is sparse and mature trees in the low open woodland will be avoided. The unmodified structure of this vegetation association does not have canopy closure or a continuous or contiguous woody vegetation canopy cover. There is unlikely



to be any modification of the woody vegetation canopy and consequently the structure and function of the corridor will be unaltered.

All access tracks used for exploration purposes will be rehabilitated as soon as practical after the conclusion of drilling and within 6 months unless the area is needed for further exploration or the access track is needed by the landholder. Rehabilitation will be undertaken in accordance with the Code of Environmental Compliance for Exploration and Mineral Development Projects.

2.3 Water Supply

Water will be trucked from either the Mt Kelly or Lady Loretta mine camp 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, Austral will immediately seek access to the site to commence the exploration programme.

Drillholes will be kept open until all analytical results are returned. The rehabilitation of all disturbance will commence as soon as practical after the conclusion of drilling and within 6 months unless the area is needed for further exploration or the access track is 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. These sections focus on the ground-disturbing exploration activities, as non-ground disturbing exploration activities will not impact upon the Gulf Rivers SEA.

3.1 Riparian Process

Proposed access tracks to the 58 target drill holes may involve minor clearing and crossing of riparian vegetation as 16 crossings of mapped regulated vegetation (defined watercourse) associated with minor drainage features will be encountered (Appendix 3). As detailed in Sections 2.1 and 2.2 of this Report, Austral 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.
 Where this has not been possible, Austral has sought to mitigate any impact by crossing lower
 order streams, minimising the width of the access track and committing to comply with
 recognised soil and erosion control standards. Section 4.5 contains more detail on this latter
 initiative.

An Environmentally Sensitive Area (ESA) map indicates no mapped Category A, Category B or Category C ESAs will be impacted by ground-disturbing exploration activities (Appendix 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' under the *Vegetation Management Act 1999*. A summary of all regional



ecosystems (REs) which will be disturbed through proposed access tracks and/or drill pads are described in **Table 5** and illustrated in **Appendix 5**. The REs disturbed by ground-disturbing exploration activities are largely open woodlands with sparse or very sparse structure categories.

In addition, the proposed ground-disturbing exploration activities are not located in a high-risk area for protected plants (Appendix 6).

There are no known wetlands, estuaries or lakes that will be encountered as a result of the drill pads or access tracks.



Table 5 Summary of Regional Ecosystems disturbed by Ground-Disturbing Exploration Activities

RE	Summary Description	Biodiversity Status	Vegetation Management Act Class	Structure Category
1.5.3	Eucalyptus leucophloia low open woodland to woodland sometimes with shrubby understorey dominated by Acacia spp. Usually Triodia spp. Dominated ground cover. Includes areas of Corymbia terminalis woodland. Occurs on undulating plateau surfaces, valley infill and outwash plains (BVG1M: 19a)	No concern at present	Least concern	Very sparse
1.5.13	Eucalyptus pruinosa low open woodland often with Corymbia terminalis, E. leucophylla, Acacia cambagei or Grevillea striata and with a sparse mixed shrub layer and dense tussock grass ground layer dominated by Aristida spp. With Triodia spp. Often present. Occurs on older alluvial and residual soils. (BVG1M: 19c)	No concern at present	Least concern	Very sparse
1.7.1	Low open woodland of <i>Eucalyptus leucophloia</i> and/or <i>Corymbia aspera</i> and/or <i>E. normantonensis</i> over <i>Triodia spp</i> . Occurs on lateritic surfaces and on silcrete (BVG1M: 19a)	No concern at present	Least concern	Very sparse
1.7.5	Acacia shirleyi low woodland to low open forest. Occurs on lateritic scarps and hills. (BVG1M: 24a)	No concern at present	Least concern	Sparse
1.9.11	Corymbia terminalis and/or Eucalyptus leucophylla and/or Lysiphyllum cunninghamii low open woodland. Eucalyptus pruinosa, Ventilago viminalis and Eucalyptus leucophloia occasionally occur. Senna spp. Shrub layer may be present. Mixed ground layer dominated by Triodia pungens and/or tussock grasses. Includes treeless areas. Occurs on skeletal and shallow soils on limestones; stepped hills; margins of clay plains. (BVG1M: 19b)	No concern at present	Least concern	Sparse
1.11.2	Eucalyptus leucophloia low open woodland or low woodland, sometimes with Eucalyptus leucophylla, Corymbia terminalis, Corymbia aparrerinja or Eucalyptus normantonensis usually with a Acacia spp. Dominated shrub layer and Triodia spp. And/or tussock grass understorey. Treeless areas common. Occurs on hills and ranges on strongly folded metamorphic pre-Cambrian rocks; soils skeletal, some red earths. (BVG1M: 19a)	No concern at present	Least concern	Very sparse



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, the proposed access tracks will intersect 16 regulated vegetation (defined watercourse) corridors. The 16 sections of regulated vegetation that are to be crossed may be used as habitat and movement corridors for fauna.

There are no known Groundwater Dependent Ecosystems (GDE) mapped nearby to the proposed disturbance areas.

3.3 Water Quality, Hydrological and Geomorphic Processes

The ground-disturbing exploration activities will occur in the within the upper catchment of the Nicholson River sub-basin. The location is very remote with very little data on the water quality of watercourses within the upper catchment of the Nicholson River sub-basin. The nearest Water Act defined watercourse is the West Thornton Creek located approximately 7.5km northwest of the nearest proposed track. There will not be any dams, lakes or springs located near the proposed ground-disturbing exploration activities.

Drainage from the Austral ground-disturbing exploration activities will flow into the West Thornton Creek then shortly after merge into the Thornton River before it converges with O'Shannassy River which then flows into the Gregory River. The Gregory Rivers joins the Nicholson River which ultimately flows into the Gulf of Carpentaria. There are two open Department of Regional Development, Manufacturing and Water (DRDMW) gauging stations directly downstream of the Austral exploration sites. While these gauging stations will not display the exact water quality characteristics of the surrounding the exploration sites due to the substantial distance downstream from the exploration activities, the Gregory River at Riversleigh No.2 gauging station will provide some insight to the characteristics of the catchment.

Water quality characteristics and flow conditions can be observed in **Table 6** and **Table 7**. Water flow in the catchment is seasonal, exhibiting large flows throughout the wet season from December to March before flows decrease dramatically over the dry season.

Table 6 Water Quality Characteristics at Site 912105A Gregory River at Riversleigh No.2

Parameter	Count	Mean	Median
EC @ 25°C (μS/cm)	137	537.45	583
рН	137	8.03	8.04
Turbidity (NTU)	82	6.95	1.9



Table 7 Water Flow Volume (ML) at Site 912105A Gregory River at Riversleigh No.2

	Daily			Monthly	
Month	Max	Min	Mean	Median	Mean
Jan	233236	75	6801	605	210828
Feb	219709	85	6341	757	179177
Mar	285156	102	3677	541	113997
Apr	36635	98	789	359	23534
May	10632	115	454	338	13876
Jun	1861	137	401	343	12020
Jul	1618	137	393	329	12168
Aug	1076	137	369	318	11427
Sep	1699	126	350	297	10486
Oct	19261	137	386	279	11741
Nov	23013	110	716	319	21478
Dec	238188	75	2128	406	65959
All months	285156	75	1871	350	56785

In terms of groundwater, ground-disturbing exploration activities are situated in the Gulf Water Plan area and does not lie within the Great Artesian Basin and Other Regional Aquifers Water Plan area. The nearest registered groundwater bores are RN32777 and RN51356, however no groundwater quality data has been collected at these bores. There are no known artesian springs located near the ground-disturbing exploration activities. Drillholes are testing outcropping Proterozoic basement geology. No significant aquifers are expected as no Palaeozoic cover sequences are present that host artesian water bearing stratigraphy.

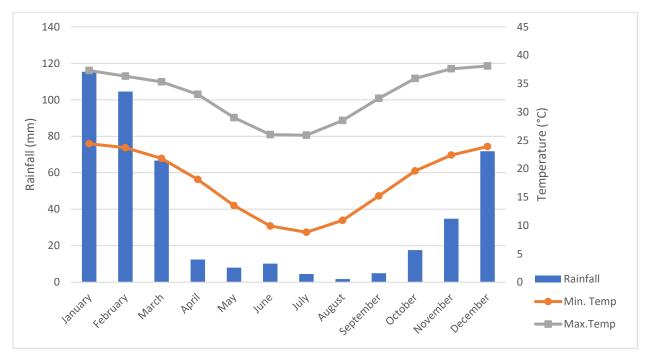
3.4 Beneficial Flooding

The proposed areas of disturbance are not situated in the mapped rapid hazard assessment for floodplain areas which are those areas potentially at threat of inundation.



3.5 Climate

The region is characterised by having a distinct wet and dry season, the mean annual rainfall for the region is 447mm with the majority of the annual rainfall falling between November and March. Mean daily minimum temperatures range from between 8.8°C and 24.4°C, while mean maximum temperatures range from 25.9°C to 38.1°C (Figure 5).



Rainfall data is taken from BoM weather station at Undilla Station located approximately 42km west of the Project using daily rainfall data dating back to 1892. Temperature data is taken from BoM weather station at Camooweal Township located approximately 95km west of the Project using temperature data dating back to 1907.

Figure 5 Monthly Mean Rainfall, Minimum and Maximum Temperatures for the Region

3.6 Land Use

The land use of the surrounding area is largely classified as grazing native vegetation. Ground-disturbing 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.

As aforementioned, the following sections focus on the ground-disturbing exploration activities, as non-ground disturbing exploration activities will not impact upon the Gulf Rivers SEA.

4.1 Riparian Process

The proposed ground-disturbing exploration activities will impact on riparian vegetation as there are 16 crossings of regulated vegetation (defined watercourse) associated with minor drainage features. The area of land disturbance caused to these areas of regulated vegetation is to be considered minor, as only 3m wide tracks will be created which will not cause widespread or irreversible damage to the riparian processes.

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

- Ground-disturbing 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 *Code of Environmental Compliance for Exploration and Mineral Development Projects*.

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 ground-disturbing exploration area will be limited to 16 crossings of regulated vegetation (defined watercourse) associated with minor drainage features. The disturbance to these corridors will only involve 3m wide sections of track and it is not considered that widespread irreversible disturbance of these corridors will occur.

Access tracks have been planned on desktop noting the limitations of this method. Actual clearing will endeavour to adhere to the planned routes wherever possible. Final routes will undergo refinement once on the ground, to minimise the amount of environmental harm or disturbance caused. Any such refinements will be restricted to the same regional ecosystem.



4.2.1 Consideration of Rare and Threatened Fauna

Appendix 7 is a copy of the *Environment Protection and Biodiversity Conservation Act 1999* (C'wlth) (EPBC Act) Protected Matters Report for the ground-disturbing site activities. This report lists threatened species or threatened species habitat that may, is likely to, or is known to occur, in the proposed track and drill disturbance area.

The EPBC Act Protected Matters report lists three threatened fauna species or their habitat as likely to occur in the Austral ground-disturbing exploration area, being the Carpentarian Grasswren (*Amytornis dorotheae*), Grey Falcon (*Falco hypoleucos*) and Plains Death Adder (*Acanthophis hawkei*). A Queensland Government Wildlife Online Extract was completed for the exploration disturbance area. Of these three species, the species list search displayed records for Carpentarian grasswren within the area (**Appendix 8**).

The Carpentarian Grasswren is listed as Endangered under both the EPBC Act and NC Act. The Carpentarian grasswren is confined to sandstone outcrops in mature spinifex (Triodia spp.) hummock grassland in the northern part of its range, while in the southern part of its range it occupies long-unburnt spinifex with stony areas between the hummocks on which grow a range of short grasses, forbs and patchy low trees and shrubs. The primary threat to Carpentarian grasswrens is increased fire frequency and intensity, as this causes changes to the vegetation communities in their sandstone habitats. Exploration activities undertaken in spinifex hummock grasslands will require minimal clearing, therefore it is considered unlikely that exploration activities will impact upon the Carpentarian grasswren.

The Grey Falcon 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.

The Plains Death Adder is listed as Vulnerable under both the EPBC Act and NC Act. The main threat to the Plains Death Adder is the introduced cane toad. Suitable habitat for the Plains Death Adder consists of flat, treeless, cracking-soil riverine floodplains. Therefore, due to inhabiting treeless areas, it is considered unlikely that exploration activities will impact upon the Plains Death Adder.

4.2.2 Significant Residual Impact Test

The proposed ground-disturbing exploration activities have been assessed against the significant residual impact test criteria for regulated vegetation (Table 9). Although the proposed clearing is 'within the defined distance of a watercourse', the proposed disturbance is considered to not have the potential for a significant residual impact. Although Criterion 3, 'clearing in a regional ecosystem within 5m of the defining bank' is met, Criterion 1 is not met, because the proposed clearing is not greater than 10m wide. Consequently, it is considered that disturbance to each of the regulated vegetation corridors proposed to be crossed will not have a significant residual impact.

Six drillholes are mapped within MSES regulated vegetation (essential habitat) and MSES wildlife habitat (endangered or vulnerable). A response to the significant residual impact test criteria for endangered and vulnerable wildlife habitat (including essential habitat) has been included in **Table 10**. Due to the small-scale and temporary nature of the exploration activities, it is considered that these drill pads and associated access tracks will not have a significant residual impact.



Table 8 Significant Residual Impact Test Criteria for Regulated Vegetation as Reproduced from the Significant Residual Impact Guideline

		Clearing in a regional ecosystem that is: endangered, or of concern	Clearing in the portion of a regional ecosystem that lies within a mapped wetland	Clearing in a regional ecosystem that is within the defined distance of a watercourse
1	For clearing for linear infrastructure: greater than 25m wide in a grassland (structural category) regional ecosystem; or greater than 20m wide in a sparse (structural category) regional ecosystem; or greater than 10m wide in a dense to mid-dense (structural category) regional ecosystem. For clearing other than clearing for linear infrastructure: area greater than 5 ha where in a grassland (structural category) regional ecosystem; or area greater than 2 ha where in a sparse (structural category) regional ecosystem; or area greater than 0.5 ha where in a dense to middense(structural category) regional ecosystem.	✓	✓	✓
2	Clearing within 50m of the defining bank	N/A	✓	N/A
3	Clearing within 5m of the defining bank	N/A	N/A	✓

Table 9 Significant Residual Impact Test for Proposed Activities to Regulated Vegetation Corridors Associated with the Austral Exploration Project

		Clearing in a regional ecosystem that is: endangered, or of concern	Clearing in the portion of a regional ecosystem that lies within a mapped wetland	Clearing in a regional ecosystem that is within the defined distance of a watercourse
1	For clearing for linear infrastructure: Greater than 25m wide in a grassland (structural category) regional ecosystem; or Greater than 20m wide in a sparse (structural category) regional ecosystem; or Greater than 10m wide in a dense to mid-dense (structural category) regional ecosystem Not applicable because access tracks are only 3m wide. For clearing other than clearing for linear infrastructure: Area greater than 5 ha where in a grassland (structural category) regional ecosystem; or Area greater than 2 ha where in a sparse (structural category) regional ecosystem; or Area greater than 0.5ha where in a dense to middense (structural category) regional ecosystem. Not applicable because clearing regulated vegetation corridors will be linear (access tracks)	*	*	×
2	Clearing within 50m of the defining bank Not applicable because clearing is not within 50m of the defining bank within a mapped wetland	N/A	×	N/A
3	Clearing within 5m of the defining bank	N/A	N/A	√



Table 10 Significant Residual Impact Test for Proposed Activities to Endangered and Vulnerable Wildlife Habitat (including Essential Habitat)

Part 5.1 of Significant Residual Impact Guideline	Response	
An action is likely to have a significant impact on endangered and vulnerable wildlife if the impact on the habitat is likely to:		
Lead to a long-term decrease in the size of a local population Reduce the extent of occurrence of the species Fragment an existing population Result in genetically distinct populations forming as a result of habitat isolation Result in invasive species that are harmful to an endangered or vulnerable species becoming established in the endangered or vulnerable	The proposed ground-disturbing exploration activities are small-scale and temporary. There are only 6 of the 58 drill pads located within the mapped wildlife habitat (endangered or vulnerable wildlife) and regulated vegetation (essential habitat). These drill pads and associated access tracks will only generate 0.61ha of disturbance, which is not widespread or irreversible. Furthermore, it is considered that	
Introduce disease that may cause the population to decline Interfere with the recovery of the species	 management strategies outlined below will ensure there is: No long-term decrease in the size of local populations; 	
Cause disruption to ecologically significant locations (breeding, feeding, nesting, migration or resting sites) of a species	 No reduction to the extent of occurrence; No fragmentation of existing populations; No habitat isolation resulting in genetically distinct populations; No establishment of invasive species; No disease introduction; No interference with species recovery; and No disruption to ecologically significant locations. 	

4.2.3 Management Strategies

A number of impact management strategies will be used during ground-disturbing 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 impact constructing tracks and crossing points on each of the proposed regulated vegetation (defined watercourse) corridors will be minimal. The connectivity between native terrestrial vegetation along and across the watercourse systems will not be altered or disturbed and will continue to be sufficient for the migration, shelter and habitat of fauna.



The watercourses 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 the 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 for RC and shallow diamond holes. The drilling of deeper diamond drillholes may take up to 20 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 "Code of Environmental Compliance for Exploration and Mineral Development Projects" 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. 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 drillhole is expected to be completed in 2 to 5 days for RC and shallow diamond holes. The drilling of deeper diamond drillholes may take up to 20 days. There are no artesian aquifers expected to be encountered during drilling as drillholes are testing outcropping Proterozoic basement geology and no Palaeozoic cover sequences are present that host artesian water bearing stratigraphy. Suitably qualified and experienced drillers will supervise the drilling. Therefore, there should be no impact on groundwater quality from the drilling.

All drill sites and associated sumps will be rehabilitated in accordance with the *Code of Environmental Compliance for Exploration and Mineral Development Projects*. 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 will 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 proposed ground-disturbing exploration 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 *Code of Environmental Compliance for Exploration and Mineral Development Projects* and in line with the guiding principles contained within the International Erosion Control Association (IECA) Best Practice Erosion and Sediment Control (BPESC) manual.

For watercourse crossings, it will be the intention to:

- Select appropriate crossing areas (for example: lower order streams, areas with less significant vegetation or with less vegetation requiring clearing and streams with sand/gravel/rocky streambeds);
- Minimise any significant bank damage during the construction of any required access ramps;
- Minimise the risk of sediment-laden runoff from the access ramps being allowed to discharge directly into the watercourse without passing through an appropriate sediment trap or vegetative filter; and
- Minimise harm (including sediment accumulation) to the streambed.



For the access tracks and drill pads, 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);
- 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:

Generally:

- Minimise all vegetation clearing;
- Store topsoil and subsoil for use in rehabilitation;
- Ensure all fuel is appropriately bunded;
- Store all exploration materials (drilling muds etc) on pallets;
- Construct all drill pads on flat surfaces;
- o 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
- o Commence rehabilitation as soon as practicable after final use.

Watercourse crossings:

- Construct the crossing perpendicular to the channel;
- Install overland flow diversions to prevent run-off from the access road entering the watercourse directly;
- Stabilise access ramps and, if necessary, employ geotextile;
- Stabilise the streambed, if necessary, with a geogrid; and
- Conduct regular inspections for erosion or channel scour.



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 11**. This table provides a summary of the details described in this project against the assessment criteria.

Table 11 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	Note: this application addresses the requirement of section 15(1)(b).
(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;	There are no proposed activities that will 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;	 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. Drill pads are limited to 20m x 30m and 20m x 20m. 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;	 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 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.



Schedule 2 Part 5 of the RPI	_	
Regulation	Response	
(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 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 only minor disturbance to the wildlife corridors in the area will occur. 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. Although minor disturbance to the riparian area will occur, 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. Mitigation measures will be employed as required. 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 being 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 Code of Environmental Compliance for Exploration and Mineral Development Projects. 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. The North West Regional Plan (August 2010) does not identify the Gulf River SEA. 	



6. Conclusion

Austral intends to conduct exploration activities within EPM 16243, EPM 17088, EPM 17422, EPM 17469, EPM 17789 and EPM 27979. As part of this programme, 58 drill pads will be constructed. To access these sites, a 3m wide access track will be constructed as required.

Disturbance areas are detailed in Table 3 of this Report and are summarised below:

- Drill pads 2.58ha (13 x 20m x 30m and 45 x 20m x 20m); and
- Access tracks 3.7ha (3m wide tracks).

Therefore, the total disturbance for drill sites is 6.28ha. The 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 0.06ha (20m x 30m), which is the size of the diamond drillhole drill pad.

In addition, non-ground disturbing exploration activities will be conducted within the above EPMs within the SEA, including ground mapping, surface sampling, ground geophysical surveys and cultural heritage surveys.

In line with Schedule 2 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 has not been evaluated as an unacceptable use;
- exploration activities will be small-scale, of a temporary nature and conducted during the dry season;
- the majority of drilling 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 *Code of Environmental Compliance for Exploration and Mineral Development Projects*.



RPI DEVELOPMENT APPLICATION SUPPORTING INFORMATION AUSTRAL RESOURCES OPERATIONS PTY LTD

Appendix 1 Title Searches



Current State Tenure Search

Queensland Titles Registry Pty Ltd ABN 23 648 568 101

 Title Reference:
 40045124
 Search Date:
 24/05/2023 09:15

Date State Tenure Created: 04/10/2004 Request No: 44510792

Previous Title: 17555167

DESCRIPTION OF LAND

Tenure Reference: TL 221301
Lease Type: TERM
LOT 1 CROWN PLAN UN6

Local Government: MOUNT ISA

Area: 22000.000000 Ha. (ABOUT)

No Land Description

No Forestry Entitlement Area Purpose for which granted:

INDUSTRIAL

REGISTERED LESSEE

Dealing No: 713956519 13/07/2011

NORANDA PACIFIC PTY LTD A.C.N. 006 864 802

TERM OF LEASE

Term and day of beginning of lease

Term: 21 years commencing on 30/08/2004

Expiring on 29/08/2025

CONDITIONS

A61 (1) The lessee must use the leased land for industrial purposes and grazing purposes .

- (2) This lease may be forfeited if not used for the purpose stated above.
- (3) The annual rent must be paid in accordance with the Land Act 1994.
- (4) The Parties acknowledge that GST may be payable in respect of a supply made under this lease. Where GST becomes payable in respect of a supply made under this lease, the State (lessor) may recover the GST from the lessee by increasing the consideration payable by the lessee to the State by an amount equal to that which the State is obliged to remit to the Commonwealth as GST on the supply and that amount may be recovered from the lessee as part of the money payable to State under this lease. The State will upon request by the lessee, issue to the lessee a valid GST tax invoice in respect of any taxable supply made under this lease. (NOTE: For the purposes of this condition "GST" means the goods and services tax which results from the enactment of A New Tax System (Goods and Services Tax) Act 1999 and the related Acts which constitute the Commonwealth taxation reform (as amended from time to time)).
- (5) The lessee must pay the cost of any required survey or re-survey of the leased land.
- (6) The lessee must control pest plants and animals, on the leased





Queensland Titles Registry Pty Ltd ABN 23 648 568 101

Title Reference: 40045124

CONDITIONS (Continued)

land, in accordance with the Land Protection (Pest and Stock Route Management) Act 2002 and the Local Laws and requirements of the Mount Isa City Council.

- (7) The lessee has the responsibility for a duty of care, to take all reasonable and practicable measures to sustainably manage the leased land by conserving the physical, biological, productive and cultural values, either on the leased land or in areas affected by the management of the leased land.
- (8) The lessee indemnifies and agrees to keep indemnified the State of Queensland, Crown Instrumentalities, local governments and other statutory bodies (the Indemnified) against all actions, suits, proceedings, claims, demands, costs, losses, damages and expenses (Claim) arising out of or in any way connected to or resulting from the State of Queensland granting this lease to the lessee and which is connected to or resulting from the lessees' use and occupation of the leased land (all referred to as the indemnified acts or omissions) save to the extent that the Claim arises as a result of any negligent act or omission of the State of Queensland. The lessee hereby releases and discharges the Indemnified from any Claim relating to the indemnified acts or omissions which may be made against the Indemnified.
- (9) The lessee must ensure that the use and development of the leased land conforms to the Planning Scheme, Local Laws and requirements of the Mount Isa City Council, binding on the lessee.
- (10) The lessee must give the Minister administering the Land Act 1994, information about the lease, when requested.
- (11) The lessee must not clear any vegetation on the leased land, unless in accordance with the Integrated Planning Act 1997.
 (12) No compensation for improvements or developmental work is
- (12) No compensation for improvements or developmental work is payable by the State at the forfeiture, surrender or expiry of the lease, but the lessee has the right to remove the lessees moveable improvements within a period of three (3) months from the forfeiture, surrender or expiry of the lease, provided all money due by the lessee to the State on any account whatsoever has been paid, or be required to remove those improvements as specified in any further condition of lease.
- (13) This lease is subject to the Land Act 1994 and all other relevant State and Commonwealth Acts.
- A68 (1) The lessee must allow any person authorised under the Forestry Act 1959 access to the leased land for the purpose of cutting and removing timber or removing other forest products, or quarry material, or other material from the leased land.
 - (2) Except as hereinafter provided the lessee must not interfere with any forest products or remove any quarry material (including any stone, gravel, sand, earth, soil, rock, guano or clay which is not a mineral within the meaning of the Mineral Resources Act 1989) or other material upon the leased land without the permission of the Minister administering the Land Act 1994 except under the authority of and in compliance in every respect with the requirements or a permit, licence, agreement or contract granted or made under the Forestry Act 1959.
- C345 The Minister administering the Land Act 1994 may resume the whole or any part of the leased land, provided the said Minister gives the lessee six (6) months notice. Compensation to the lessee will be for lawful improvements only, as provided for under the Land Act 1994.
- F46 The lessee must within two (2) years from the commencement of the



Queensland Titles Registry Pty Ltd ABN 23 648 568 101

Title Reference: 40045124

CONDITIONS (Continued)

term of the lease and to the satisfaction of the Minister administering the Land Act, fence the leased land, with a good and substantial stock proof fence and must thereafter maintain.

- G61 The lessee of this lease is not allowed to make an application for conversion in terms of the Land Act 1994.
- H123 The provision of access, further access or services to the leased land will not be the responsibility of Mount Isa City Council or the State.
- U46 The lease is tied to and must be used in conjunction with any Mining Lease to issue and separate transfers are not allowed.

ENCUMBRANCES AND INTERESTS

 Rights and interests reserved to the Crown by Lease No. 40045124

ADMINISTRATIVE ADVICES

Dealing	Туре	Lodgement Date	Status
719767646	EXEMPT CONS	02/12/2019 08:28	CURRENT
	SEC 322AA LAND ACT 1994		
722401536	CON COM AGMT	11/04/2023 11:56	CURRENT
	MINERAL AND ENERGY RESOURCES (COMMON PROVISIONS) ACT 2014		

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:
 17664094

 Search Date:
 24/05/2023 09:15

Date State Tenure Created: 21/10/1995 Request No: 44510792

Creating Dealing:

DESCRIPTION OF LAND

Tenure Reference: PH 8/2516

Lease Type: ROLLING TERM LEASE

LOT 1 CROWN PLAN UN7

Local Government: MOUNT ISA

Area: 237000.000000 Ha. (SURVEYED)

No Land Description

No Forestry Entitlement Area Purpose for which granted:

NO PURPOSE DEFINED

REGISTERED LESSEE

BEZUMA PASTORAL CO PTY LTD A.C.N. 010 553 474

TERM OF LEASE

Term and day of beginning of lease

Term: 30 years commencing on 01/10/1978

Expiring on 30/09/2008 Extended to 30/09/2058

CONDITIONS

A126 SPECIFIED CONDITIONS FOR: Term Lease PURPOSE: Rolling term lease - pastoral

STATUTORY CONDITIONS:

Statutory conditions are the general mandatory conditions of a lease and binds the lessee in accordance with Part 2 Division 1 of the Land Act.

- 1. Permitted Use: The lessee must use the land only for the purpose for which the tenure was issued under the Land Act 1994.
- 2. Duty of Care: The lessee has the responsibility for a duty of care, for the land under the Land Act 1994.
- Rent/Instalment: The lessee must pay the annual rent/instalment in accordance with the Land Act 1994 and the Land Regulation 2009.
 - For further information on how annual rent is determined, refer to the department's website at www.dnrm.qld.qov.au.
- 4. Noxious plants: The lessee must keep noxious plants on the land under control. If the lessee does not comply with this condition, the Minister may bring the noxious plants under control, the cost of which will be recovered from the lessee.
- 5. Information to Minister: The lessee must give the Minister administering the Land Act 1994, information the Minister asks for about the tenure.
- 6. Monies for Improvements: No money for improvements is payable by



Queensland Titles Registry Pty Ltd ABN 23 648 568 101

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CONDITIONS (Continued)

the State on the forfeiture, surrender or expiry of this lease but money may be payable if the State receives payment from an incoming lessee or buyer for the improvements on the land. However, the previous lessee may apply to the Minister to remove the improvements that belong to the lessee, within a period of 3 months from the date of the forfeiture, surrender, or expiry of this lease. The lessee may only undertake the removal of the improvements in the presence of an authorised representative of the department, if required by the Minister. The lessee may only remove those improvements if all monies due from the lessee to the department under this lease have been paid.

REGULATORY-CONDITIONS:------

A regulatory condition relates to a lease , in accordance with the Land Regulation.

- 1. Indemnity: The lessee indemnifies and agrees to keep indemnified the Minister, and the State of Queensland and its Representatives, (the "Indemnified parties") against all liability, costs, loss and expenses including claims in negligence (including any claims, proceedings or demands bought by any third party, and any legal fees, costs and disbursements on a solicitor and client basis) ("Claim") arising from or incurred in connection with:
 - a. the granting of this lease to the lessee;
 - b. the lessee 's use and occupation of the land; or
 - c. personal injury (including sickness and death) or property damage or loss in connection with the performance (or attempted purported performance or non-performance) of the lease or a breach of the lease by the lessee .

The lessee hereby releases and discharges to the full extent permitted by law, the Indemnified parties from all actions, claims, proceedings or demands and in respect of any loss, death, injury, illness or damage (whether personal or property and whether special, direct, indirect or consequential financial loss) arising out of the use and occupation of the lease. To the full extent permitted by law, the Minister, the State of Queensland and their Representatives will not be liable to the lessee for any special, indirect or consequential damages, including consequential financial loss arising out of the use and occupation of the lease.

- 2. Public Liability: The lessee must effect a public liability insurance policy with an insurer authorised under the Insurance Act 1973 (Commonwealth) or, if not so authorised then only with the Minister's approval, which can be given or withheld in the Minister's sole discretion, naming the lessee as the insured covering legal liability for any loss of, or damage to any property and for the injury (including death) to any person arising out of anything done or omitted on or about the land or any improvements thereon and against all claims, demands, proceedings, costs, charges, and expenses whatsoever (including claims in negligence) Such policy must:
 - a. be for an amount of not less than \$20,000,000.00 and have no per event sublimit or such higher amounts as the Minister may reasonably require.
 - b. be effected on a "claims occurring" basis; and
 - c. be maintained at all times during the currency of the lease, and upon receipt of any notice of cancellation, the lessee must immediately effect another public insurance policy in accordance with the terms of the lease .

The lessee must, as soon as practicable, inform the Minister, in



Queensland Titles Registry Pty Ltd ABN 23 648 568 101

Title Reference:	17664094
Title Reference:	17664094
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CONDITIONS (Continued)

writing, of the occurrence of any event that the lessee considers is likely to give rise to a claim under the policy of insurance effected and must ensure that the Minister is kept fully informed of subsequent actions and developments concerning the claim. The lessee must renew such policy, at the lessee's expense, each year during the currency of this lease. The condition will be satisfied if the lessee is the State of Queensland or a statutory authority eligible for cover under the Queensland Government Insurance Fund and is insured and continues to be insured by the Queensland Government Insurance Fund. This condition will be satisfied if the lessee is the Commonwealth of Australia or a statutory authority eligible for cover under the Comcover Insurance Fund and is insured and continues to be insured by Comcover.

- 3. Access: The provision of access, further access or services to the land will not be the responsibility of the State.
- 4. Survey Costs: If the land needs to be surveyed or re-surveyed the lessee must do this at their own cost under the Survey and Mapping Infrastructure Act 2003. This survey plan must be lodged in the land registry within the specified time.
- 5. Extension: The lease is subject to the extensions of rolling term leases provision of the Land Act 1994 and the Minister must grant an extension of the term of a rolling term lease if the lessee makes an application in the approved form. The extension will be for the original term of the lease and may be given subject to condition changes.
- 6. Jurisdiction: The lessee is subject to the Land Act 1994 and all other relevant Queensland and Commonwealth legislation.
- 7. Compliance with Laws the $\,$ lessee must comply with all lawful requirements of the
 - a. Local Government; and
 - b. any department within the Queensland or Commonwealth governments (including the department administering the Land Act 1994), local authority or statutory instrumentality having jurisdiction over the land, or the development, use and occupation of the land, in regard to its use, occupation and development of the land.

SPECIAL-CONDITIONS:-----

These conditions relate to this lease.

Improvements or development on or to the land

 The lessee must during the term of the lease and, to the satisfaction of the relevant authorities, maintain all improvements on the land in a good and substantial state of repair.

Quarry material

1. The lessee must allow any person authorised under the Forestry Act 1959 access to the leased land for the purpose of cutting and removing timber or removing other forest products, or quarry material, or other material from the leased land. Except as hereinafter provided the lessee must not interfere with any forest products or remove any quarry material (including any stone, gravel, sand, earth, soil, rock, guano or clay which is not a mineral within the meaning of the Mineral Resources Act 1989) or other material upon the leased land without the permission of the Minister administering the Land Act 1994 except under the authority of and in compliance in every respect with the requirements or a permit, licence, agreement or contract granted or made under the Forestry Act 1959.



Queensland Titles Registry Pty Ltd ABN 23 648 568 101

Title Reference:	17664094
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ENCUMBRANCES AND INTERESTS

- Rights and interests reserved to the Crown by Lease No. 17664094
- 2. MORTGAGE No 602805218 (L319261C) 24/12/1992 QUEENSLAND INDUSTRY DEVELOPMENT CORPORATION
- 3. RESUMPTION EASEMENT No 703693368 15/11/1999 at 10:09 burdening the land NORTH QUEENSLAND ELECTRICITY CORPORATION LIMITED A.C.N. 078 848 978 over EASEMENT P AND R ON SP102696
- 4. AMENDMENT OF LEASE CONDITIONS No 715949584 13/08/2014 at 05:00 THE CONDITIONS OF THE WITHIN TENURE ARE HEREBY AMENDED.

ADMINISTRA	ATIVE ADVICES		
Dealing	Туре	Lodgement Date	Status
	ADMIN NOTING	16/05/2014 14:33	CURRENT
	SEE DEALING FOR RELEVANT LEGISLATION		
715967945	ADMIN NOTING	22/08/2014 09:18	CURRENT
	SEE DEALING FOR RELEVANT LEGISLATION		
716870358	ADMIN NOTING	06/11/2015 12:12	CURRENT
	SEE DEALING FOR RELEVANT LEGISLATION		
718168722	NT DETERM	21/07/2017 15:40	CURRENT
740005444	NATIVE TITLE ACT 1993 (CTH)	40/00/00474404	OUDDENT
718205111	NT DETERM	10/08/2017 14:21	CURRENT
718590575	NATIVE TITLE ACT 1993 (CTH) ADMIN NOTING	21/02/2018 10:14	CURRENT
110090010	SEE DEALING FOR RELEVANT LEGISLATION	21/02/2018 10.14	CORRENT
718590607	ADMIN NOTING	21/02/2018 10:21	CURRENT
710000007	SEE DEALING FOR RELEVANT LEGISLATION	21/02/2010 10.21	OOMALIN
718590611	ADMIN NOTING	21/02/2018 10:22	CURRENT
	SEE DEALING FOR RELEVANT LEGISLATION		
718689164	NT DETERM	12/04/2018 14:59	CURRENT
	NATIVE TITLE ACT 1993 (CTH)		
719572499	CON COM AGMT	19/08/2019 14:59	CURRENT
	MINERAL AND ENERGY RESOURCES (COMMON PR	ROVISIONS) ACT 2014	
719767646	EXEMPT CONS	02/12/2019 08:28	CURRENT
	SEC 322AA LAND ACT 1994		
720337322	CON COM AGMT	20/10/2020 11:38	CURRENT
	MINERAL AND ENERGY RESOURCES (COMMON PR	ROVISIONS) ACT 2014	

UNREGISTERED DEALINGS

NIL

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)



Queensland Titles Registry Pty Ltd ABN 23 648 568 101

 Title Reference:
 17669224

 Search Date:
 24/05/2023 09:15

Date State Tenure Created: 25/10/1995 Request No: 44510792

Creating Dealing:

DESCRIPTION OF LAND

Tenure Reference: PH 8/5552

Lease Type: ROLLING TERM LEASE

LOT 3 CROWN PLAN UN803945

Local Government: MOUNT ISA

Area: 42000.000000 Ha. (ABOUT)

No Land Description

No Forestry Entitlement Area Purpose for which granted:

NO PURPOSE DEFINED

REGISTERED LESSEE

Dealing No: 721036741 24/08/2021 DAVID ALFRED SPREADBOROUGH

TERM OF LEASE

Term and day of beginning of lease

Term: 28 years 9 months commencing on 01/07/1989

Expiring on 31/03/2018 Extended to 31/12/2046

CONDITIONS

A126 SPECIFIED CONDITIONS FOR: Term Lease PURPOSE: Rolling term lease - Pastoral

STATUTORY CONDITIONS:

Statutory conditions are the general mandatory conditions of a lease and binds the lessee in accordance with Part 2 Division 1 of the Land Act.

- 1. Permitted Use: The lessee must use the land only for the purpose for which the tenure was issued under the Land Act 1994.
- 2. Duty of Care: The lessee has the responsibility for a duty of care, for the land under the Land Act 1994.
- 3. Rent/Instalment: The lessee must pay the annual rent/instalment in accordance with the Land Act 1994 and the Land Regulation 2009.
 - For further information on how annual rent is determined, refer to the department's website at www.dnrm.qld.gov.au.
- 4. Noxious plants: The lessee must keep noxious plants on the land under control. If the lessee does not comply with this condition, the Minister may bring the noxious plants under control, the cost of which will be recovered from the lessee.
- 5. Information to Minister: The lessee must give the Minister administering the Land Act 1994, information the Minister asks for about the tenure.

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Queensland Titles Registry Pty Ltd ABN 23 648 568 101

Title Reference: 17669224

CONDITIONS (Continued)

6. Monies for Improvements: No money for improvements is payable by the State on the forfeiture, surrender or expiry of this lease but money may be payable if the State receives payment from an incoming lessee or buyer for the improvements on the land. However, the previous lessee may apply to the Minister to remove the improvements that belong to the lessee, within a period of 3 months from the date of the forfeiture, surrender, or expiry of this lease. The lessee may only undertake the removal of the improvements in the presence of an authorised representative of the department, if required by the Minister. The lessee may only remove those improvements if all monies due from the lessee to the department under this lease have been paid.

REGULATORY-CONDITIONS:-----

A regulatory condition relates to a lease in accordance with the

A regulatory condition relates to a lease , in accordance with the Land Regulation.

- 1. Indemnity: The lessee indemnifies and agrees to keep indemnified the Minister, and the State of Queensland and its Representatives, (the "Indemnified parties") against all liability, costs, loss and expenses including claims in negligence (including any claims, proceedings or demands bought by any third party, and any legal fees, costs and disbursements on a solicitor and client basis) ("Claim") arising from or incurred in connection with:
 - a. the granting of this lease to the lessee;
 - b. the lessee 's use and occupation of the land; or
 - c. personal injury (including sickness and death) or property damage or loss in connection with the performance (or attempted purported performance or non-performance) of the lease or a breach of the lease by the lessee .

The lessee hereby releases and discharges to the full extent permitted by law, the Indemnified parties from all actions, claims, proceedings or demands and in respect of any loss, death, injury, illness or damage (whether personal or property and whether special, direct, indirect or consequential financial loss) arising out of the use and occupation of the lease. To the full extent permitted by law, the Minister, the State of Queensland and their Representatives will not be liable to the lessee for any special, indirect or consequential damages, including consequential financial loss arising out of the use and occupation of the lease.

- 2. Public Liability: The lessee must effect a public liability insurance policy with an insurer authorised under the Insurance Act 1973 (Commonwealth) or, if not so authorised then only with the Minister's approval, which can be given or withheld in the Minister's sole discretion, naming the lessee as the insured covering legal liability for any loss of, or damage to any property and for the injury (including death) to any person arising out of anything done or omitted on or about the land or any improvements thereon and against all claims, demands, proceedings, costs, charges, and expenses whatsoever (including claims in negligence) Such policy must:
 - a. be for an amount of not less than \$20 million and have no per event sublimit or such higher amounts as the Minister may reasonably require.
 - b. be effected on a "claims occurring" basis; and
 - c. be maintained at all times during the currency of the lease, and upon receipt of any notice of cancellation, the lessee must immediately effect another public insurance policy in accordance with the terms of the lease.



Queensland Titles Registry Pty Ltd ABN 23 648 568 101

Title Reference: 17669224

CONDITIONS (Continued)

The lessee must, as soon as practicable, inform the Minister, in writing, of the occurrence of any event that the lessee considers is likely to give rise to a claim under the policy of insurance effected and must ensure that the Minister is kept fully informed of subsequent actions and developments concerning the claim. The lessee must renew such policy, at the lessee's expense, each year during the currency of this lease. The condition will be satisfied if the lessee is the State of Queensland or a statutory authority eligible for cover under the Queensland Government Insurance Fund and is insured and continues to be insured by the Queensland Government Insurance Fund. This condition will be satisfied if the lessee is the Commonwealth of Australia or a statutory authority eligible for cover under the Comcover Insurance Fund and is insured and continues to be insured by Comcover.

- 3. Access: The provision of access, further access or services to the land will not be the responsibility of the State.
- 4. Survey Costs: If the land needs to be surveyed or re-surveyed the lessee must do this at their own cost under the Survey and Mapping Infrastructure Act 2003. This survey plan must be lodged in the land registry within the specified time.
- 5. Extension: The lease is subject to the extensions of rolling term leases provision of the Land Act 1994 and the Minister must grant an extension of the term of a rolling term lease if the lessee makes an application in the approved form. The extension will be for the original term of the lease and may be given subject to condition changes.
- 6. Jurisdiction: The lessee is subject to the Land Act 1994 and all other relevant Queensland and Commonwealth legislation.
- 7. Compliance with Laws the lessee must comply with all lawful requirements of the
 - a. Local Government; and
 - b. any department within the Queensland or Commonwealth governments (including the department administering the Land Act 1994), local authority or statutory instrumentality having jurisdiction over the land, or the development, use and occupation of the land, in regard to its use, occupation and development of the land.

SPECIAL-CONDITIONS:-----

JI LOTAL - CONDITIONS.

These conditions relate to this lease.

Improvements or development on or to the land

 The lessee must during the whole term of the lease, to the satisfaction of the relevant authorities, maintain all improvements and boundary fencing on the land in a good and substantial state of repair.

Ouarry material

1. The lessee must allow any person authorised under the Forestry Act 1959 access to the leased land for the purpose of cutting and removing timber or removing other forest products, or quarry material, or other material from the leased land. Except as hereinafter provided the lessee must not interfere with any forest products or remove any quarry material (including any stone, gravel, sand, earth, soil, rock, guano or clay which is not a mineral within the meaning of the Mineral Resources Act 1989) or other material upon the leased land without the permission of the Minister administering the Land Act 1994 except under the authority of and in compliance in every respect with the requirements or a permit, licence, agreement or contract granted or made under the Forestry Act 1959.



Queensland Titles Registry Pty Ltd ABN 23 648 568 101

Title Reference:	17669224
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CONDITIONS (Continued)

ENCUMBRANCES AND INTERESTS

- Rights and interests reserved to the Crown by Lease No. 17669224
- 2. AMENDMENT OF LEASE CONDITIONS No 715942075 08/08/2014 at 05:00 THE CONDITIONS OF THE WITHIN TENURE ARE HEREBY AMENDED.
- 3. MORTGAGE No 721358919 20/12/2021 at 11:23 NATIONAL AUSTRALIA BANK LIMITED A.C.N. 004 044 937

ADMINISTRATIVE ADVICES

Dealing	Туре	Lodgement Date	Status
716870353	ADMIN NOTING	06/11/2015 12:11	CURRENT
	SEE DEALING FOR RELEVANT LEGISLATION		
718689164	NT DETERM	12/04/2018 14:59	CURRENT
	NATIVE TITLE ACT 1993 (CTH)		
719767646	EXEMPT CONS	02/12/2019 08:28	CURRENT
	SEC 322AA LAND ACT 1994		

UNREGISTERED DEALINGS

NIL

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)



Queensland Titles Registry Pty Ltd ABN 23 648 568 101

 Title Reference:
 40070415

 Search Date:
 24/05/2023 09:15

Date State Tenure Created:05/08/2015Request No:44510792

Previous Title: 17669155

DESCRIPTION OF LAND

Tenure Reference: TL 238531 Lease Type: TERM LOT 5 CROWN PLAN 865892

Local Government: MOUNT ISA

Area: 297000.000000 Ha. (ABOUT)

No Land Description

No Forestry Entitlement Area Purpose for which granted:

PASTORAL

REGISTERED LESSEE

CALTON HILLS PTY LTD A.C.N. 066 708 727

TERM OF LEASE

Term and day of beginning of lease

Term: 40 years commencing on 13/07/2015

Expiring on 12/07/2055

CONDITIONS

A126 SPECIFIED CONDITIONS FOR: Term Lease PURPOSE: Rolling term lease - Pastoral

STATUTORY CONDITIONS:

Statutory conditions are the general mandatory conditions of a lease

Statutory conditions are the general mandatory conditions of a lease and binds the lessee in accordance with Part 2 Division 1 of the Land Act.

- Permitted Use: The lessee must use the land only for the purpose for which the tenure was issued under the Land Act 1994.
- 2. Duty of Care: The lessee has the responsibility for a duty of care, for the land under the Land Act 1994.
- 3. Rent/Instalment: The lessee must pay the annual rent/instalment in accordance with the Land Act 1994 and the Land Regulation 2009.
 - For further information on how annual rent is determined, refer to the department's website at www.dnrm.qld.gov.au.
- 4. Noxious plants: The lessee must keep noxious plants on the land under control. If the lessee does not comply with this condition, the Minister may bring the noxious plants under control, the cost of which will be recovered from the lessee.
- 5. Information to Minister: The lessee must give the Minister administering the Land Act 1994, information the Minister asks for about the tenure.
- 6. Improvements: The lessee must not make improvements or carry out development work on the land within 2 years of the expiry of the tenancy without the Minister's written approval.

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Queensland Titles Registry Pty Ltd ABN 23 648 568 101

Title Reference: 40070415

CONDITIONS (Continued)

7. Monies for Improvements: No money for improvements is payable by the State on the forfeiture, cancellation, surrender or expiry of this lease but money may be payable if the State receives payment from an incoming lessee or buyer for the improvements on the land. However, the previous lessee may apply to the Minister to remove the improvements that belong to the lessee, within a period of 3 months from the date of the forfeiture, surrender, or expiry of this lease. The lessee may only undertake the removal of the improvements in the presence of an authorised representative of the department, if required by the Minister. The lessee may only remove those improvements if all monies due from the lessee to the department under this lease have been paid.

REGULATORY-CONDITIONS:-----

A regulatory condition relates to a lease , in accordance with the Land Regulation.

- 1. Indemnity: The lessee indemnifies and agrees to keep indemnified the Minister, and the State of Queensland and its Representatives, (the "Indemnified parties") against all liability, costs, loss and expenses including claims in negligence (including any claims, proceedings or demands bought by any third party, and any legal fees, costs and disbursements on a solicitor and client basis) ("Claim") arising from or incurred in connection with:
 - a. the granting of this lease to the lessee;
 - b. the lessee 's use and occupation of the land; or
 - c. personal injury (including sickness and death) or property damage or loss in connection with the performance (or attempted purported performance or non-performance) of the lease or a breach of the lease by the lessee.

The lessee hereby releases and discharges to the full extent permitted by law, the Indemnified parties from all actions, claims, proceedings or demands and in respect of any loss, death, injury, illness or damage (whether personal or property and whether special, direct, indirect or consequential financial loss) arising out of the use and occupation of the lease. To the full extent permitted by law, the Minister, the State of Queensland and their Representatives will not be liable to the lessee for any special, indirect or consequential damages, including consequential financial loss arising out of the use and occupation of the lease.

- 2. Public Liability: The lessee must effect a public liability insurance policy with an insurer authorised under the Insurance Act 1973 (Commonwealth) or, if not so authorised then only with the Minister's approval, which can be given or withheld in the Minister's sole discretion, naming the lessee as the insured covering legal liability for any loss of, or damage to any property and for the injury (including death) to any person arising out of anything done or omitted on or about the land or any improvements thereon and against all claims, demands, proceedings, costs, charges, and expenses whatsoever (including claims in negligence) Such policy must:
 - a. be for an amount of not less than twenty million dollars (\$20,000,000.00) and have no per event sublimit or such higher amounts as the Minister may reasonably require.
 - b. be effected on a "claims occurring" basis; and
 - c. be maintained at all times during the currency of the lease, and upon receipt of any notice of cancellation, the lessee must immediately effect another public insurance



Queensland Titles Registry Pty Ltd ABN 23 648 568 101

Title Reference: 40070415

CONDITIONS (Continued)

policy in accordance with the terms of the lease . The lessee must, as soon as practicable, inform the Minister, in writing, of the occurrence of any event that the lessee considers is likely to give rise to a claim under the policy of insurance effected and must ensure that the Minister is kept fully informed of subsequent actions and developments concerning the claim. The lessee must renew such policy, at the lessee's expense, each year during the currency of this lease. The condition will be satisfied if the lessee is the State of Queensland or a statutory authority eligible for cover under the Queensland Government Insurance Fund and is insured and continues to be insured by the Queensland Government Insurance Fund. This condition will be satisfied if the lessee is the Commonwealth of Australia or a statutory authority eligible for cover under the Comcover Insurance Fund and is insured and continues to be insured by Comcover.

- 3. Access: The provision of access, further access or services to the land will not be the responsibility of the State.
- 4. Survey Costs: If the land needs to be surveyed or re-surveyed the lessee must do this at their own cost under the Survey and Mapping Infrastructure Act 2003. This survey plan must be lodged in the land registry within the specified time.
- 5. Extension: The lease is subject to the extensions of rolling term leases provision of the Land Act 1994 and the Minister must grant an extension of the term of a rolling term lease if the lessee makes an application in the approved form. The extension will be for the original term of the lease and may be given subject to condition changes.
- 6. Jurisdiction: The lessee is subject to the Land Act 1994 and all other relevant Queensland and Commonwealth legislation.
- 7. Compliance with Laws the lessee must comply with all lawful requirements of the
 - a. Local Government; and
 - b. any department within the Queensland or Commonwealth governments (including the department administering the Land Act 1994), local authority or statutory instrumentality having jurisdiction over the land, or the development, use and occupation of the land, in regard to its use, occupation and development of the land.

SPECIAL-CONDITIONS:----

These conditions relate to this lease.

Improvements or development on or to the land

- 1. The lessee must ensure that the development and use of the land meets with the Planning Scheme, Local Laws and requirements of the www.dnrm.qld.gov.au, binding the lessee.
- 2. The lessee must , to the satisfaction of the relevant authorities, maintain all improvements on the land in a good and substantial state of repair.
- 3. The lessee must within three (3) months from the commencement of the tenure and to the satisfaction of Minister / Chief Executive administering the Land Act 1994 construct and maintain a good and substantial stockproof fence .
- 4. The lessee must remove the improvements and rehabilitate the area to the satisfaction of the Minister / Chief Executive of the Land Act 1994 within six (6) months , from the date of termination of the tenure.
- 5. If the lessee fails to remove the improvements and rehabilitate the area as above, the Minister / Chief Executive administering the Land Act 1994 , can remove the improvements and is hereby

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Queensland Titles Registry Pty Ltd ABN 23 648 568 101

Title Reference: 40070415

CONDITIONS (Continued)

authorised to do whatever is necessary to effect the said removal. The department may recover from the lessee the total cost incurred in the said removal.

Quarry Material and Forest Products

1. The lessee must allow any person authorised under the Forestry Act 1959 access to the land for the purpose of cutting and removing timber or removing other forest products, or quarry material, or other material from the land.

The lessee must not interfere with any forest products or remove any quarry material (including any stone, gravel, sand, earth, soil, rock, guano or clay which is not a mineral within the meaning of the Mineral Resources Act 1989) or other material upon the land without the permission of the Minister administering the Land Act 1994 except under the authority of and in compliance in every respect with the requirements or a permit, licence, agreement or contract granted or made under the Forestry Act 1959.

Provision of reasonable services, roads and infrastructure external to but servicing the land

1. The provision of access to the land will not be the responsibility of Mount Isa City Council and the State.

Other conditions the Minister considers appropriate

 The lessee must, at all times during the currency of the lease, allow free and unrestricted access to bonafide travelling stock.

ENCUMBRANCES AND INTERESTS

- Rights and interests reserved to the Crown by Lease No. 40070415
- 2. EASEMENT No 602805745 (A1005) 31/03/1977

EASEMENT IN PURSUANCE OF AN AGREEMENT DATED THE 18TH DAY OF SEPTEMBER, 1 975, BETWEEN THE LESSEE OF THE WITHIN DESCRIBED HOLDING AND

THE COMMONWEALTH OF AUSTRALIA

FOR PURPOSES AS DEFINED IN SUCH AGREEMENT.

3. RESUMPTION EASEMENT No 703693352 15/11/1999 at 10:06

burdening the land

NORTH QUEENSLAND ELECTRICITY CORPORATION LIMITED A.C.N. 078

848 978

over

EASEMENT J ON SP102693

RESUMPTION EASEMENT No 704055303 18/05/2000 at 09:58

burdening the land

NORTH QUEENSLAND ELECTRICITY CORPORATION LIMITED

over

EASEMENTS E TO G ON SP102677 AND

COPYRIGHT OUEENSLAND TITLES REGISTRY PTY LTD [2023]

EASEMENT H ON SP102679

ADMINISTRATIVE ADVICES

Dealing	Туре	Lodgement Date	Status
717919149	CON COM AGMT	24/03/2017 11:21	CURRENT
	MINERAL AND ENERGY RESOURCES (COMMON PROVISI	ONS) ACT 2014	
717923947	CON COM AGMT	27/03/2017 13:45	CURRENT
	MINERAL AND ENERGY RESOURCES (COMMON PROVISI	ONS) ACT 2014	
717923957	CON COM AGMT	27/03/2017 13:48	CURRENT
	MINERAL AND ENERGY RESOURCES (COMMON PROVISI	ONS) ACT 2014	
718168714	NT DETERM	21/07/2017 15:39	CURRENT



Queensland Titles Registry Pty Ltd ABN 23 648 568 101

Title Reference:	40070415
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ADMINISTRATIVE ADVICES (Continued)				
Dealing	Type NATIVE TITLE ACT 1993 (CTH)	Lodgement Date	Status	
718278997	CON COM AGMT MINERAL AND ENERGY RESOURCES (COMMOI	18/09/2017 12:19 N PROVISIONS) ACT 2014	CURRENT	
719767646	EXEMPT CONS SEC 322AA LAND ACT 1994	02/12/2019 08:28	CURRENT	
721528132	CON COM AGMT MINERAL AND ENERGY RESOURCES (COMMO	08/03/2022 11:15 N PROVISIONS) ACT 2014	CURRENT	
721997680	CON COM AGMT MINERAL AND ENERGY RESOURCES (COMMO	26/09/2022 15:50	CURRENT	
721997691	CON COM AGMT MINERAL AND ENERGY RESOURCES (COMMOI	26/09/2022 15:53	CURRENT	

UNREGISTERED DEALINGS

NIL

Caution - Charges do not necessarily appear in order of priority

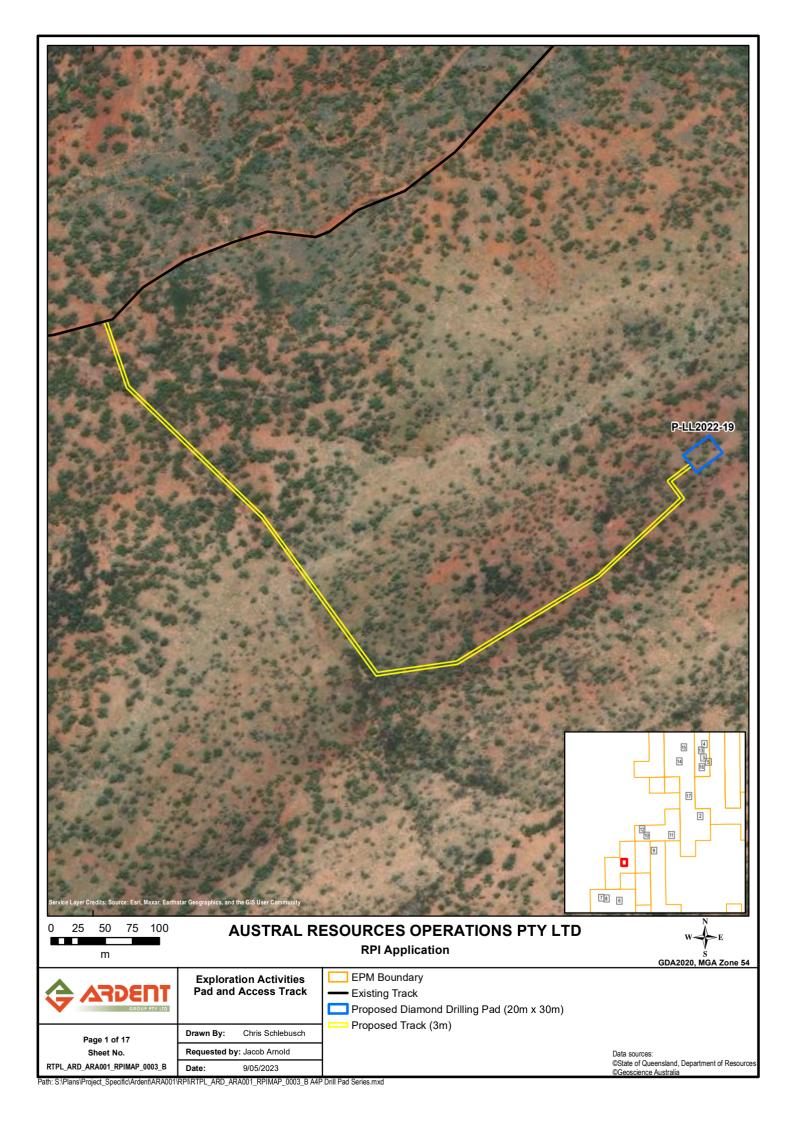
** End of Current State Tenure Search **

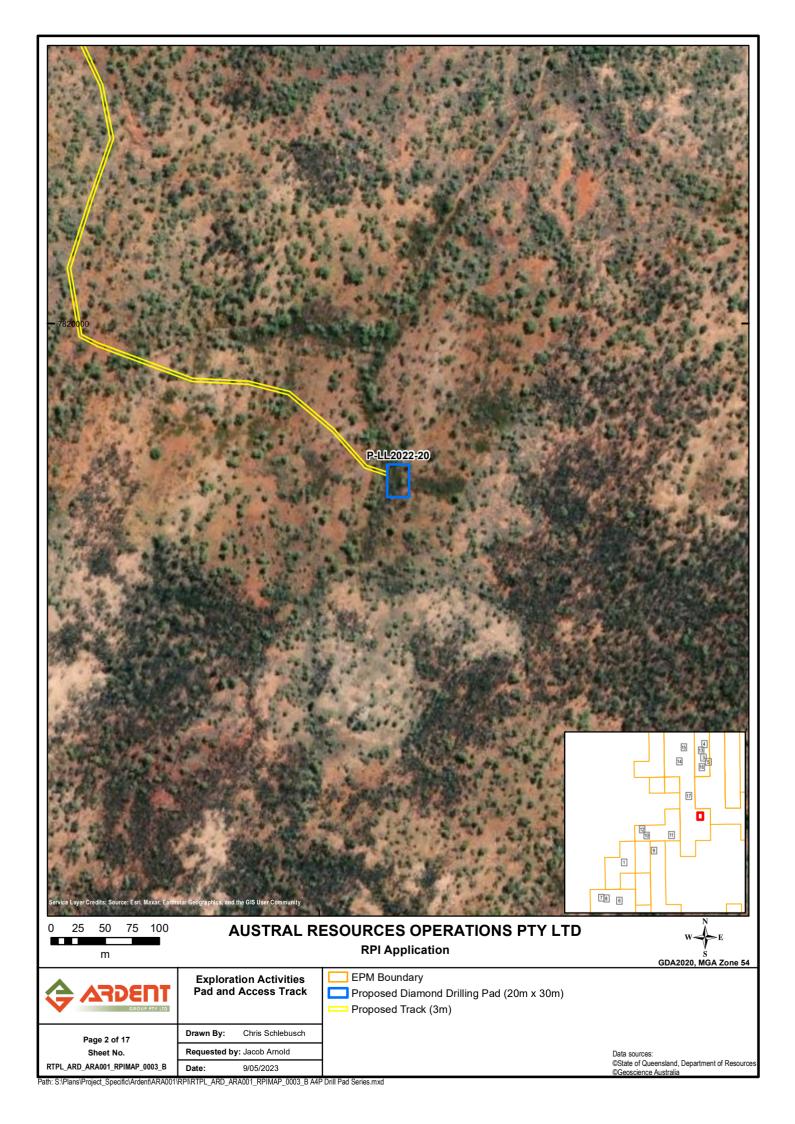
Information provided under section 34 Land Title Act (1994) or section 281 Land Act (1994)

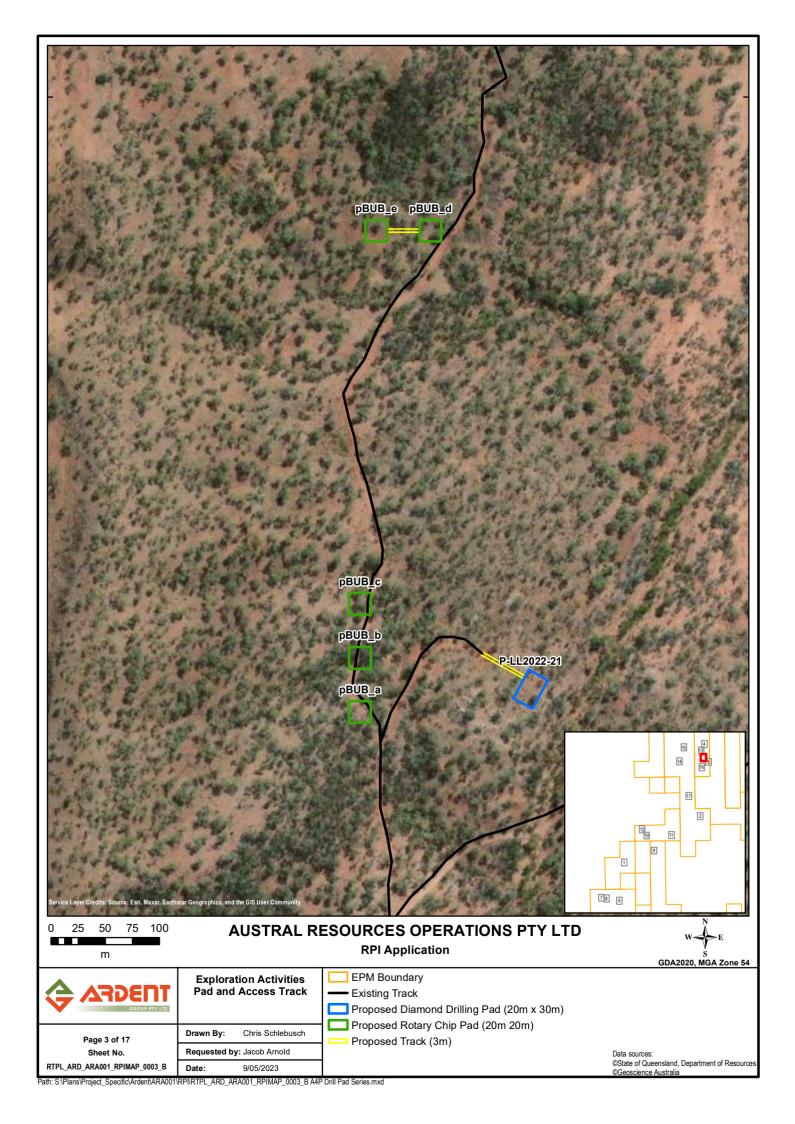


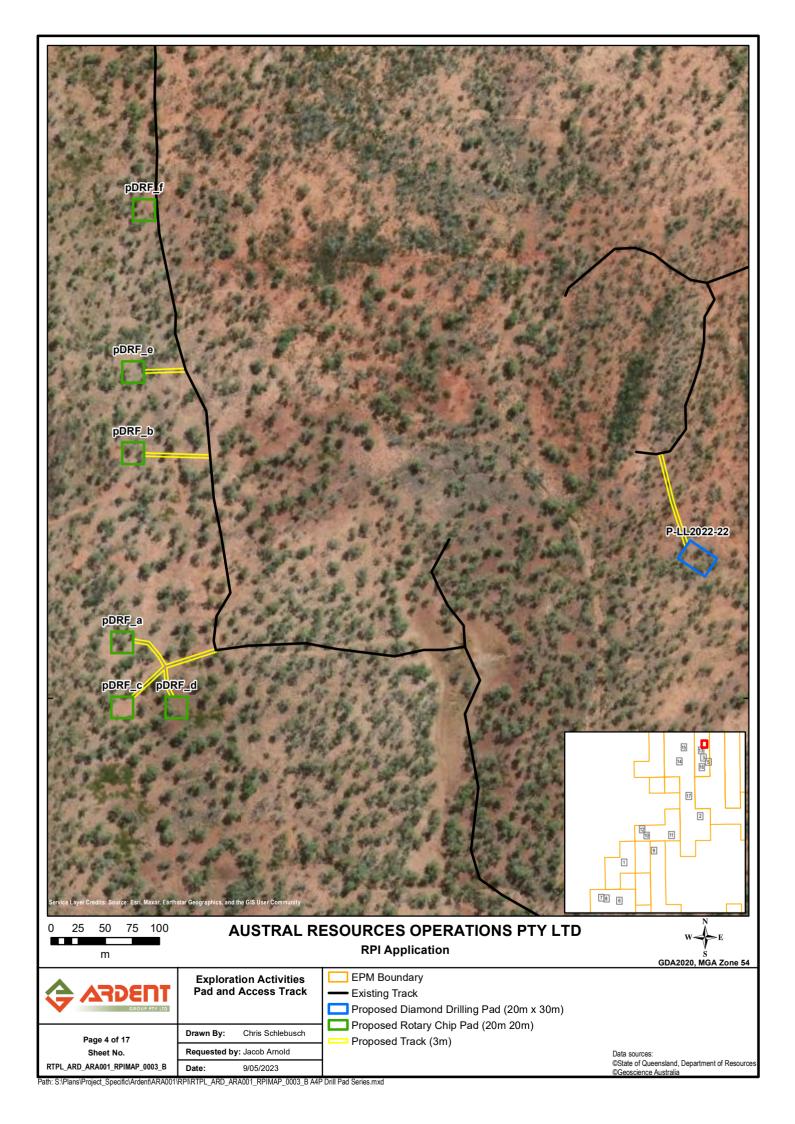
RPI DEVELOPMENT APPLICATION SUPPORTING INFORMATION AUSTRAL RESOURCES OPERATIONS PTY LTD

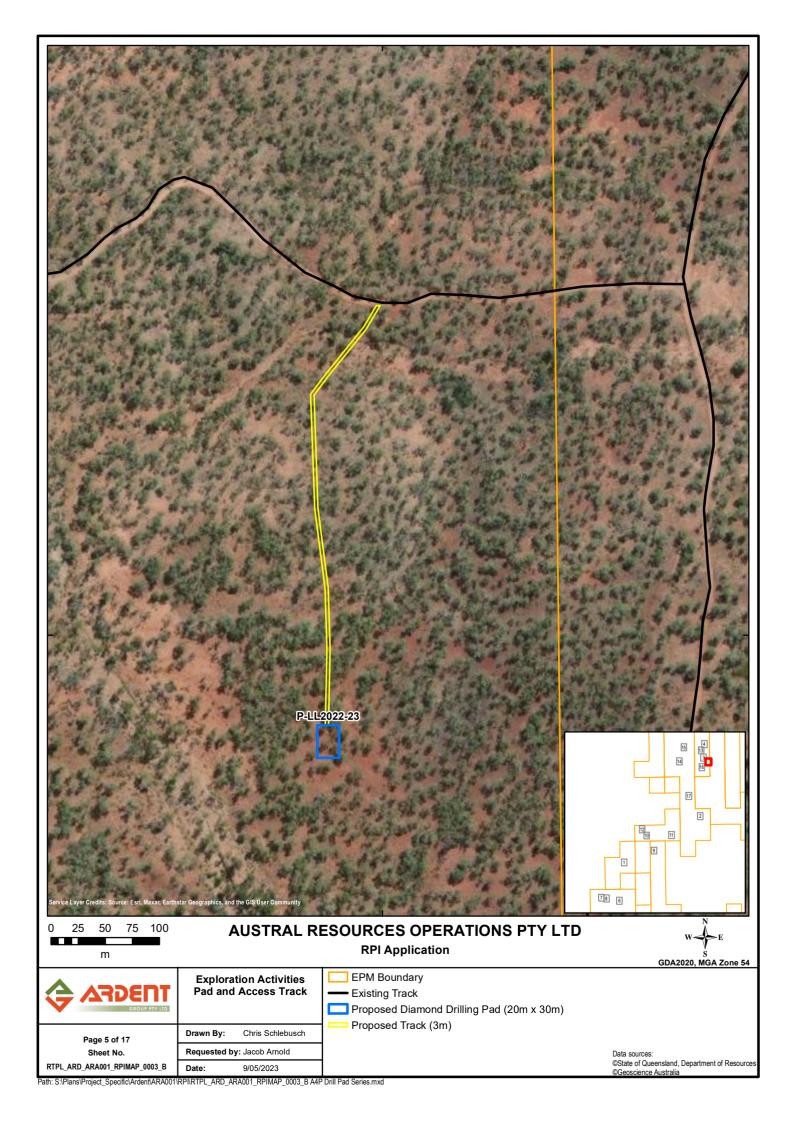
Appendix 2 Drill Pad Footprints

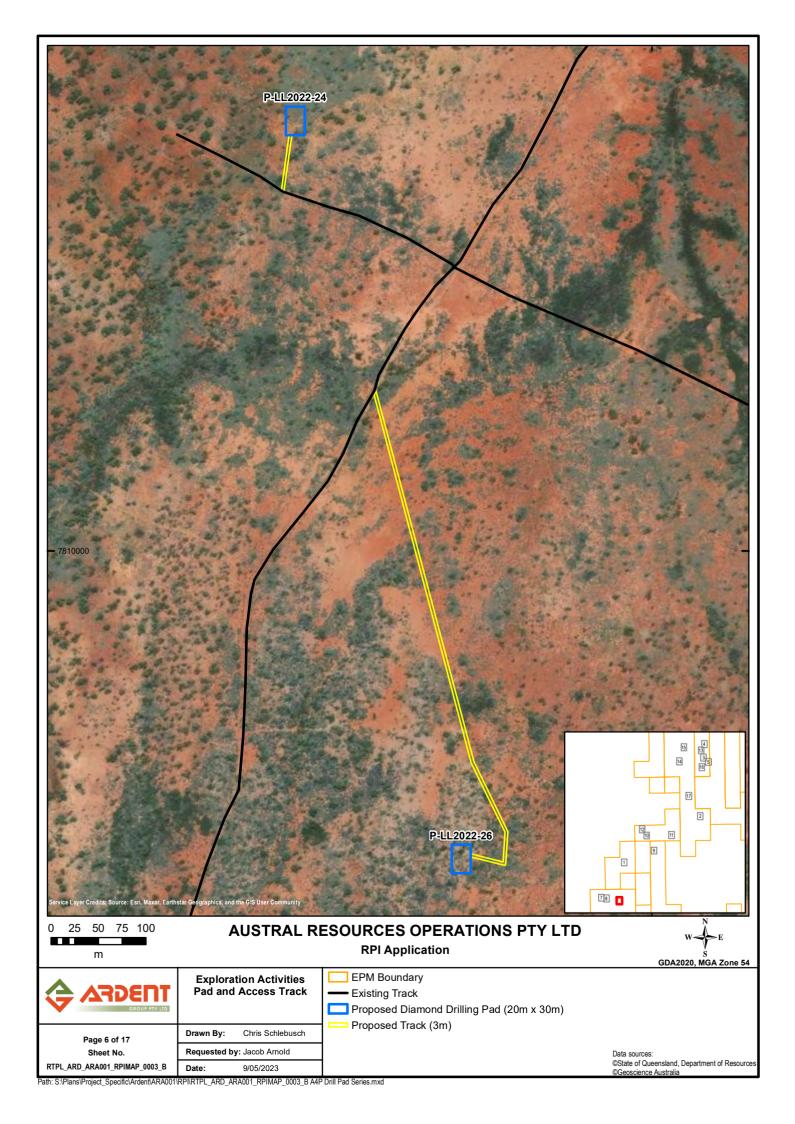


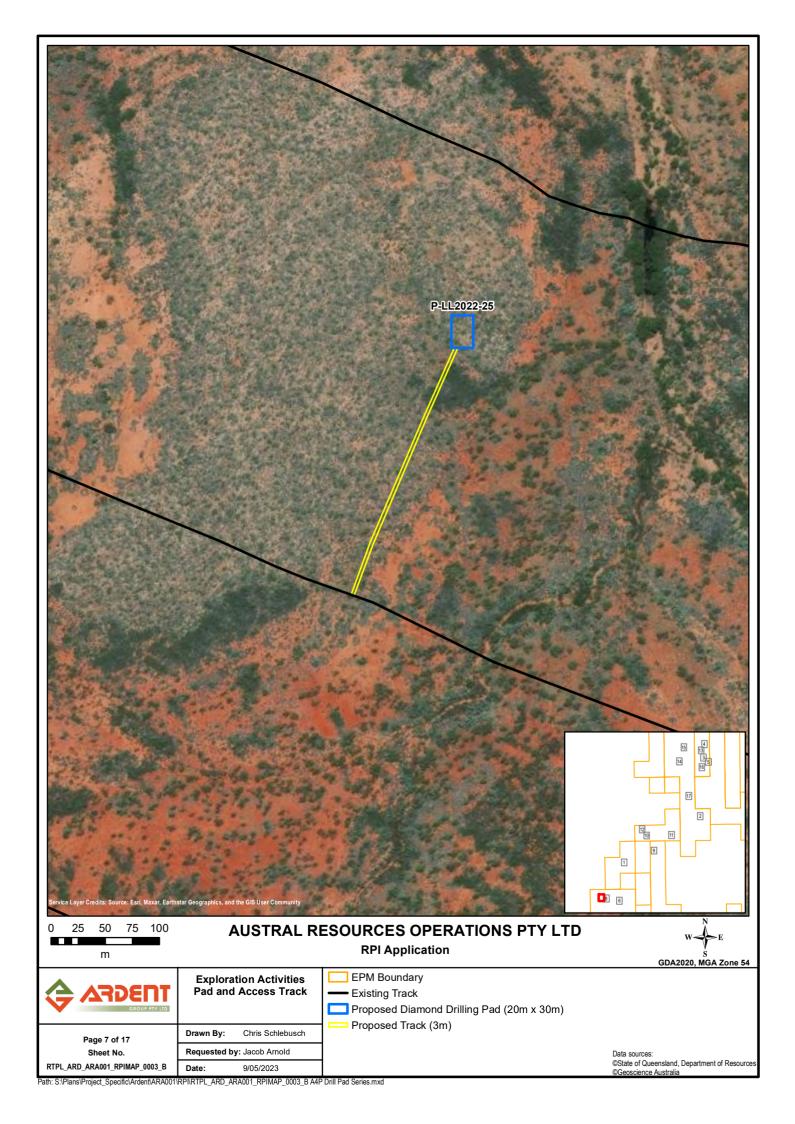


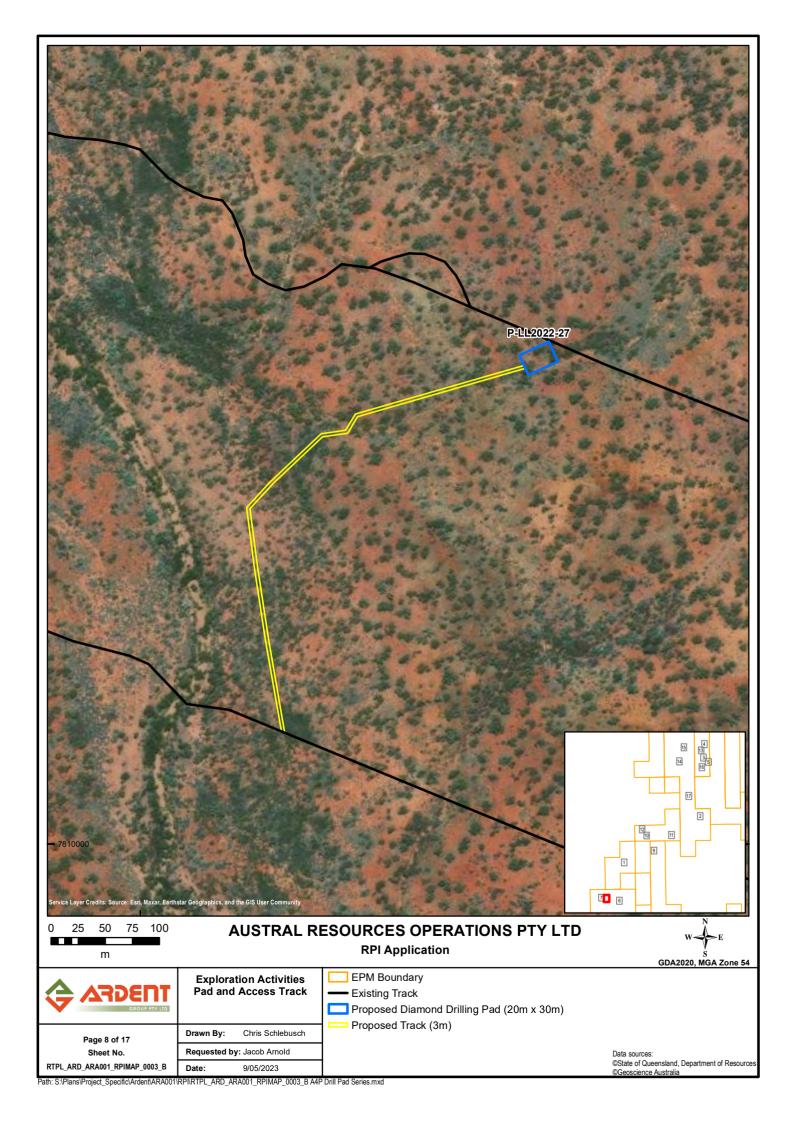


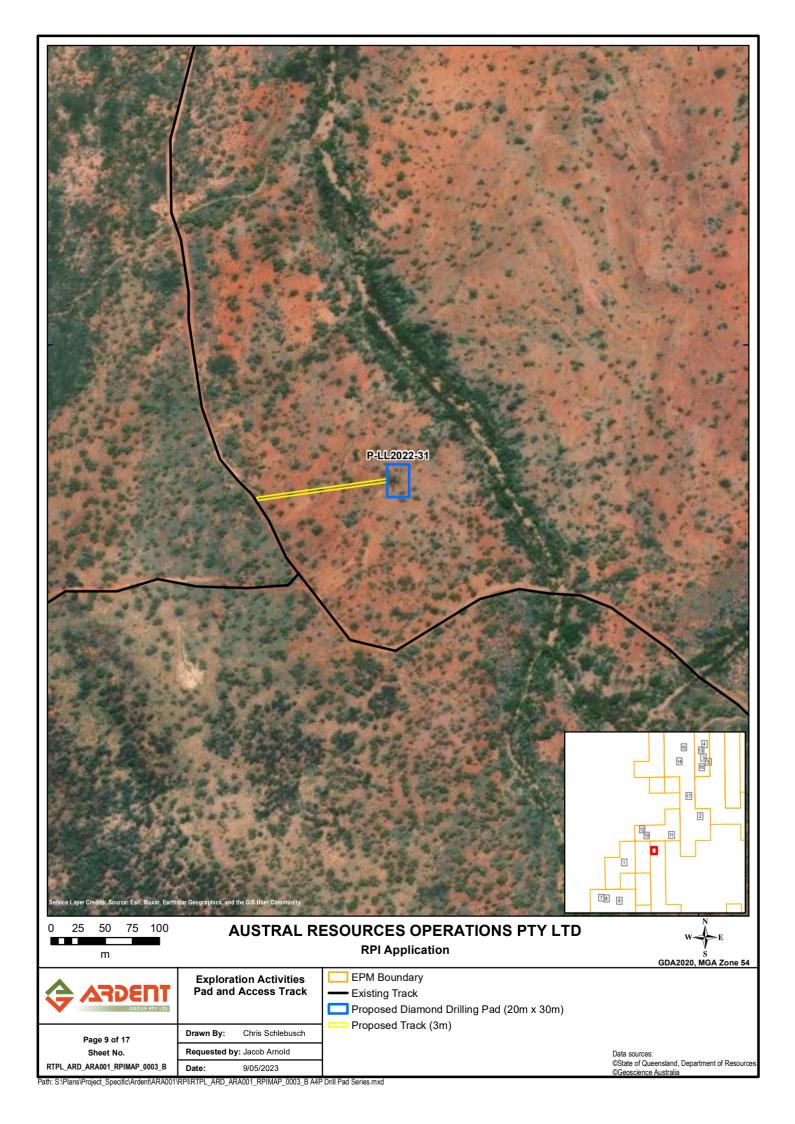


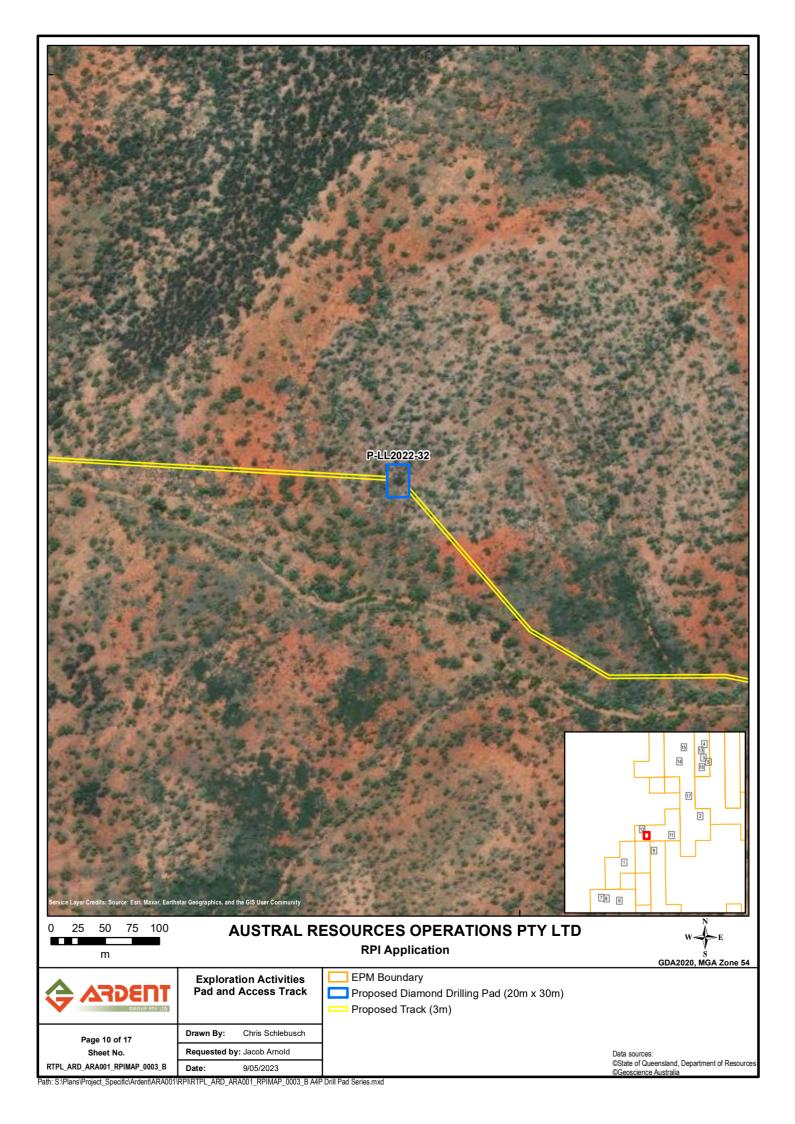


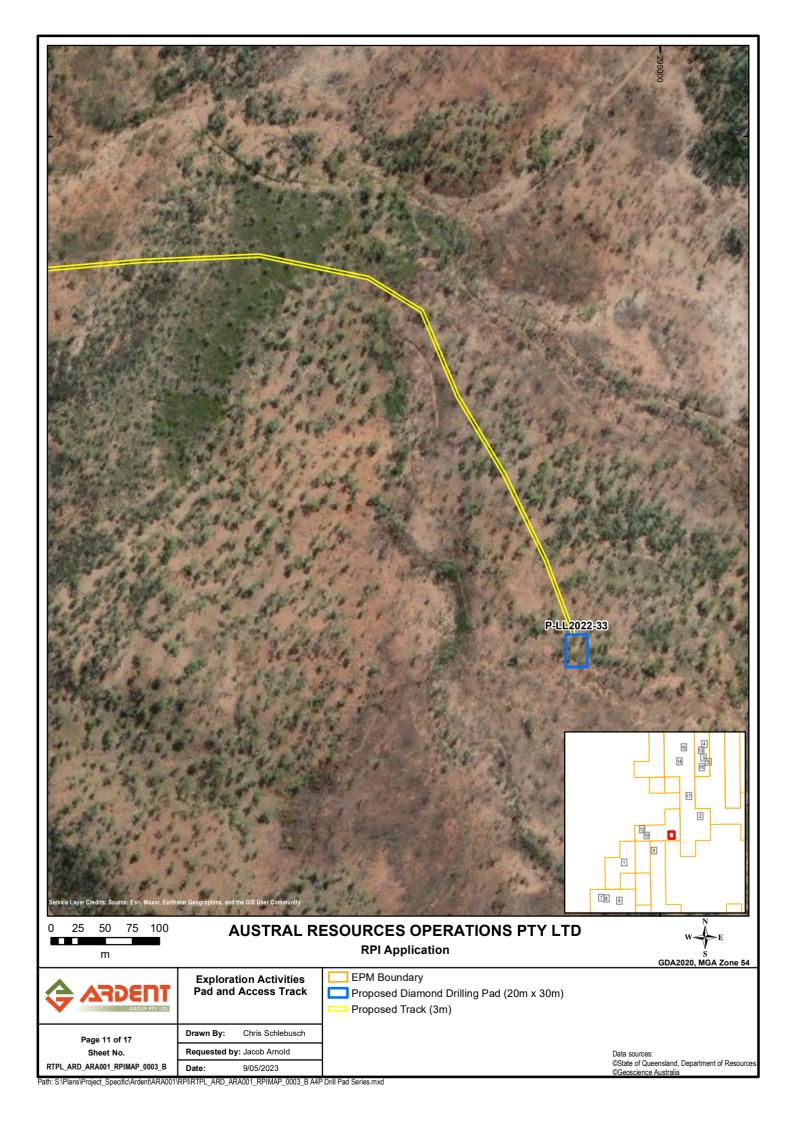


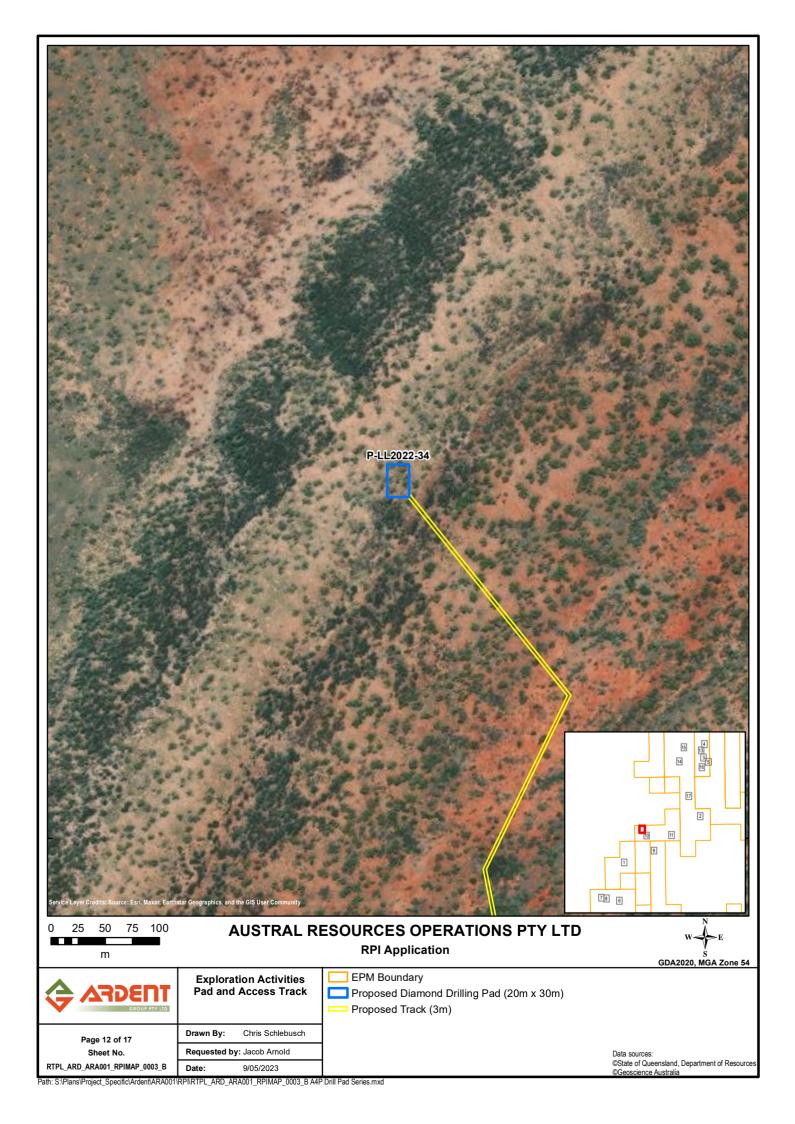


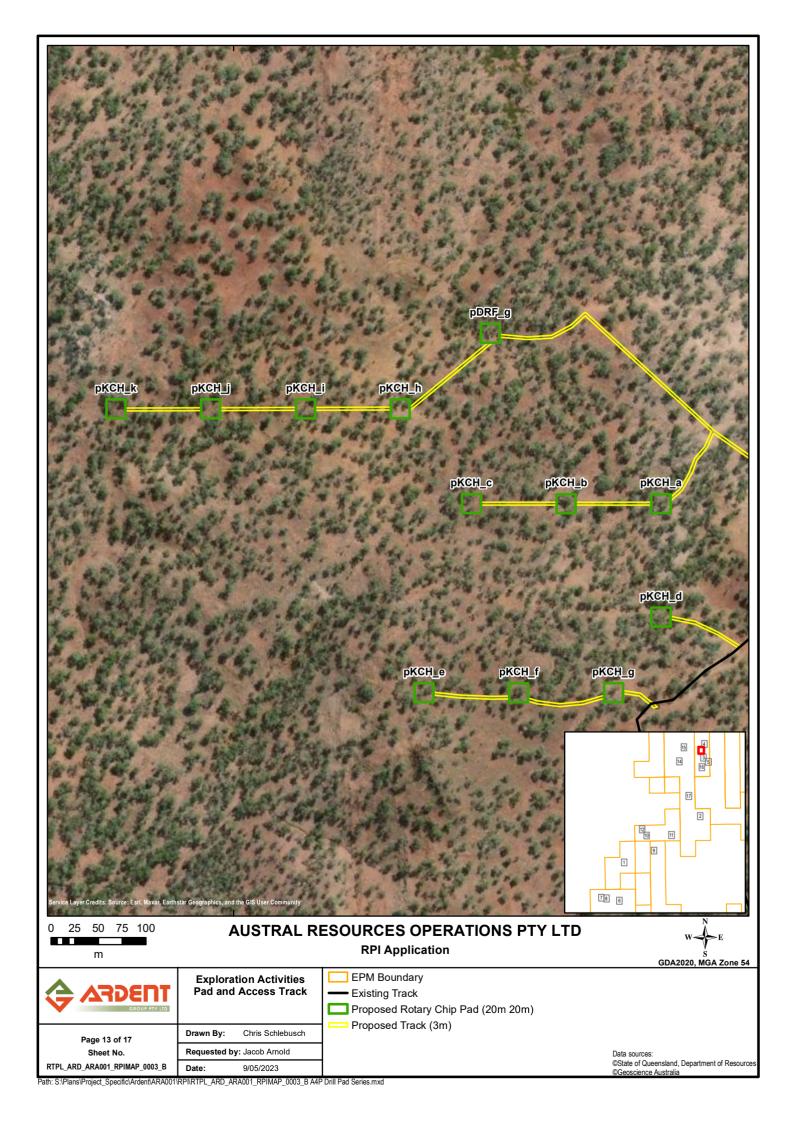


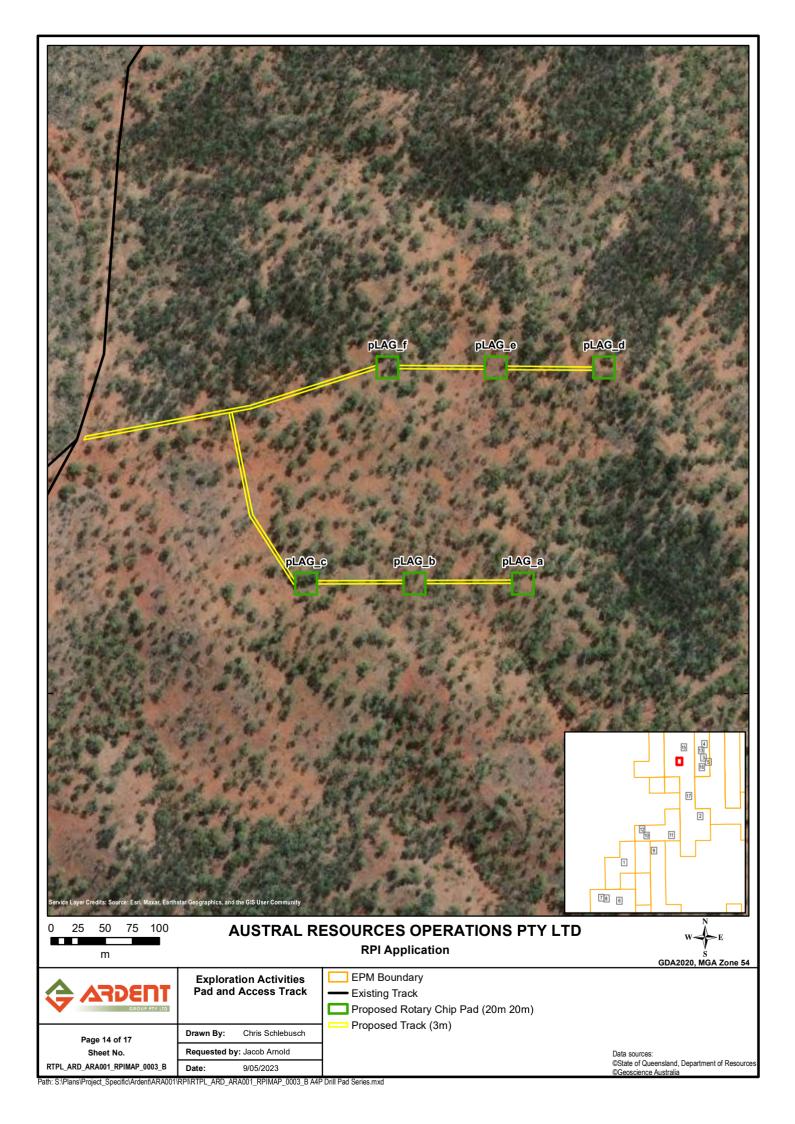


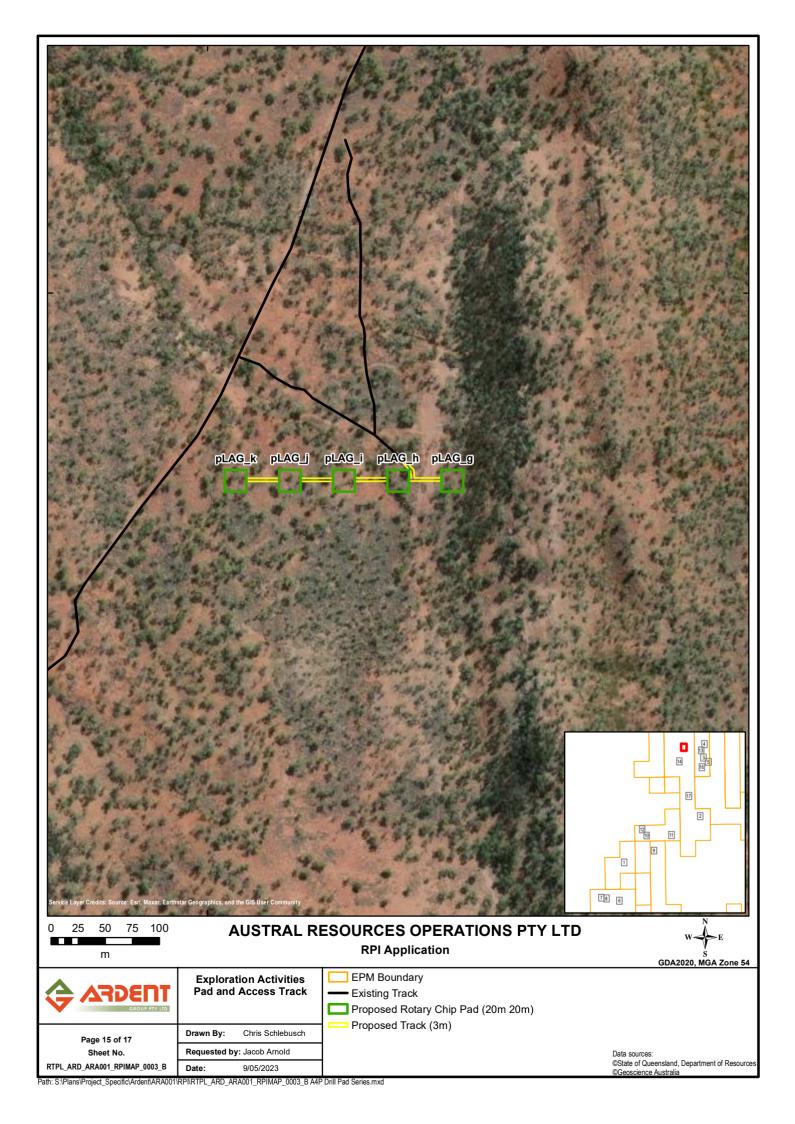


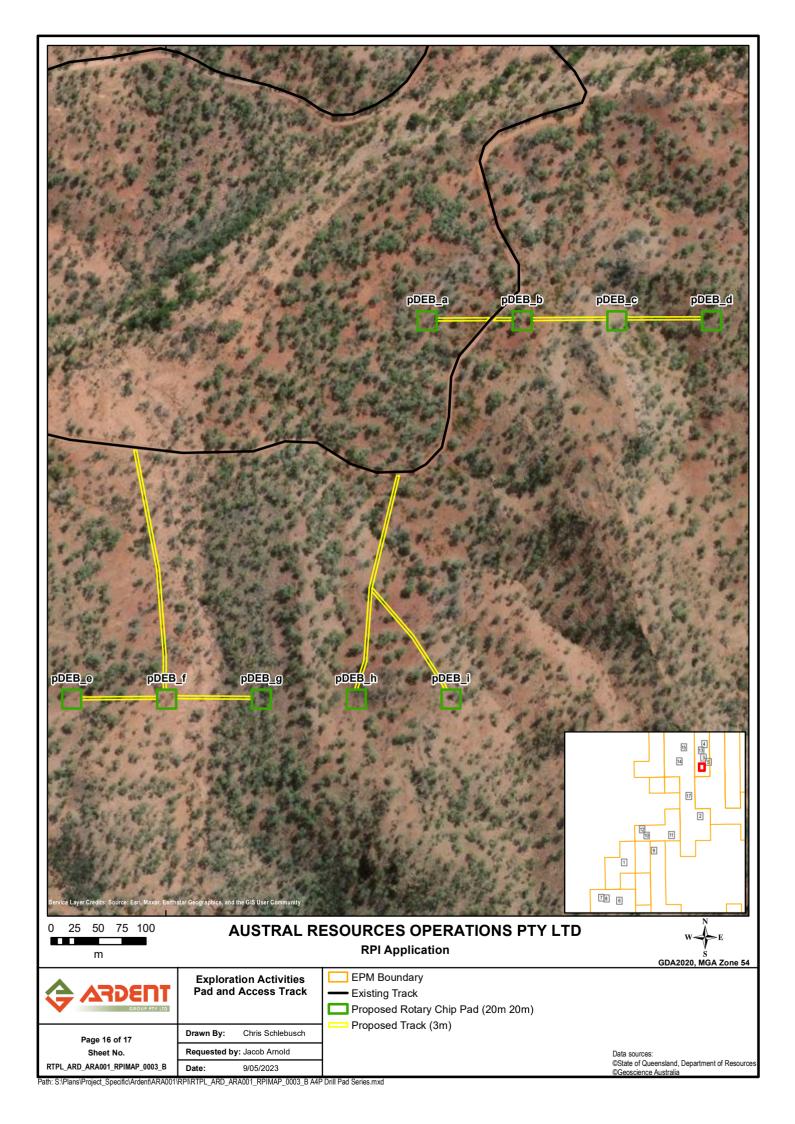


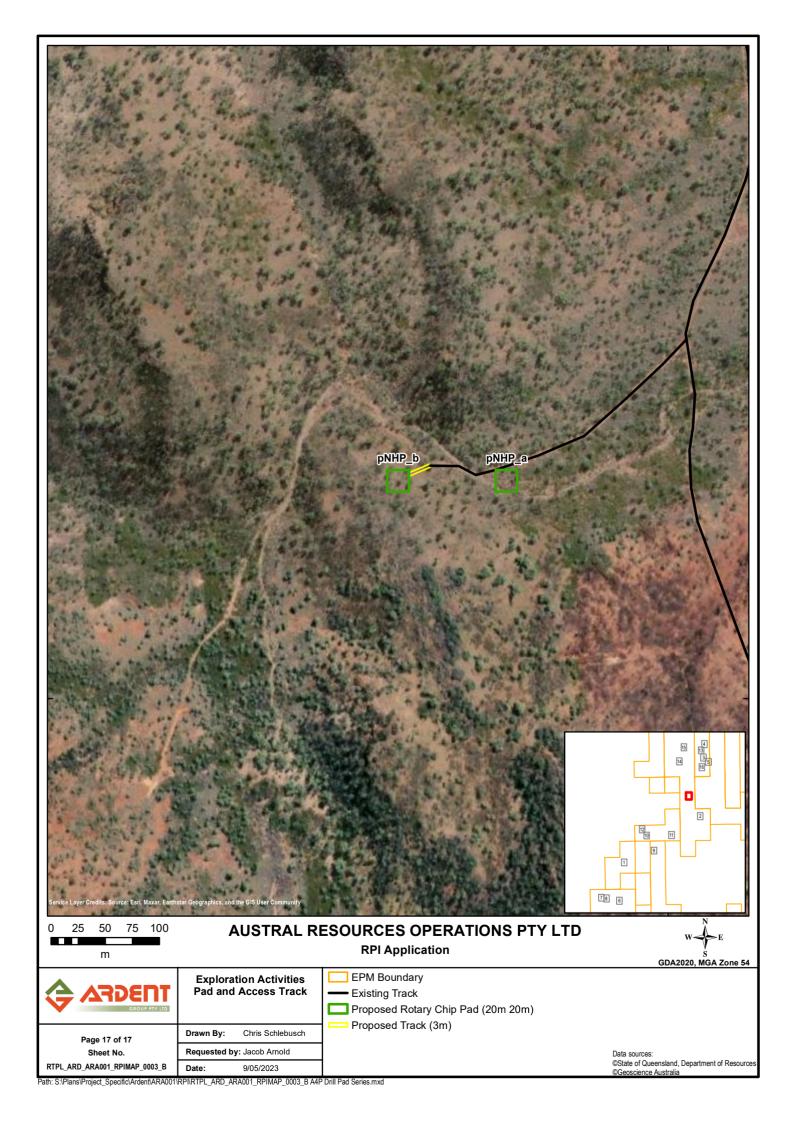








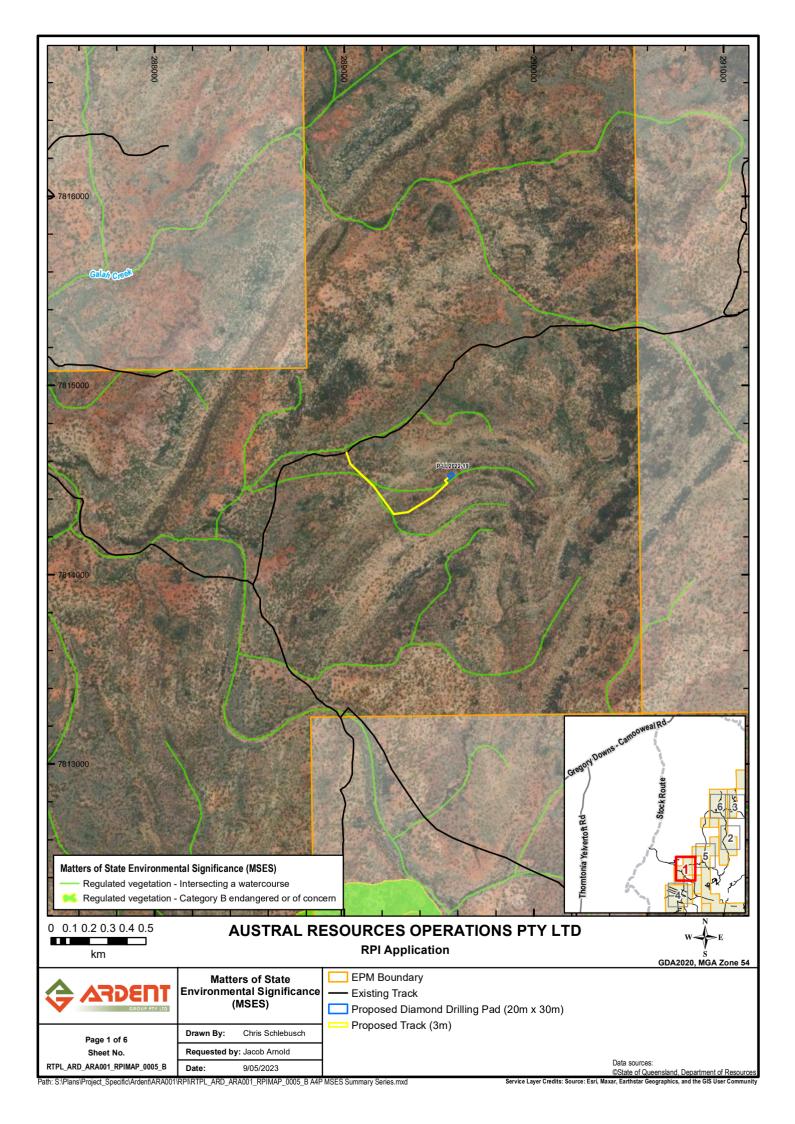


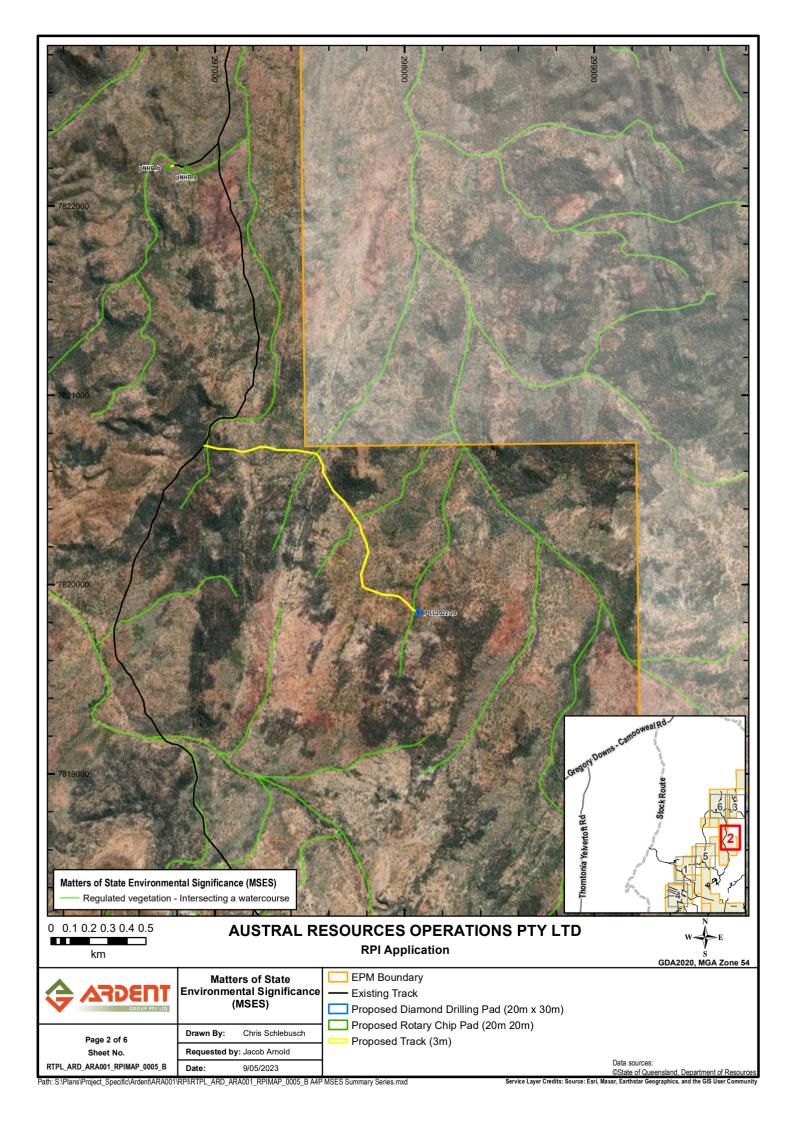


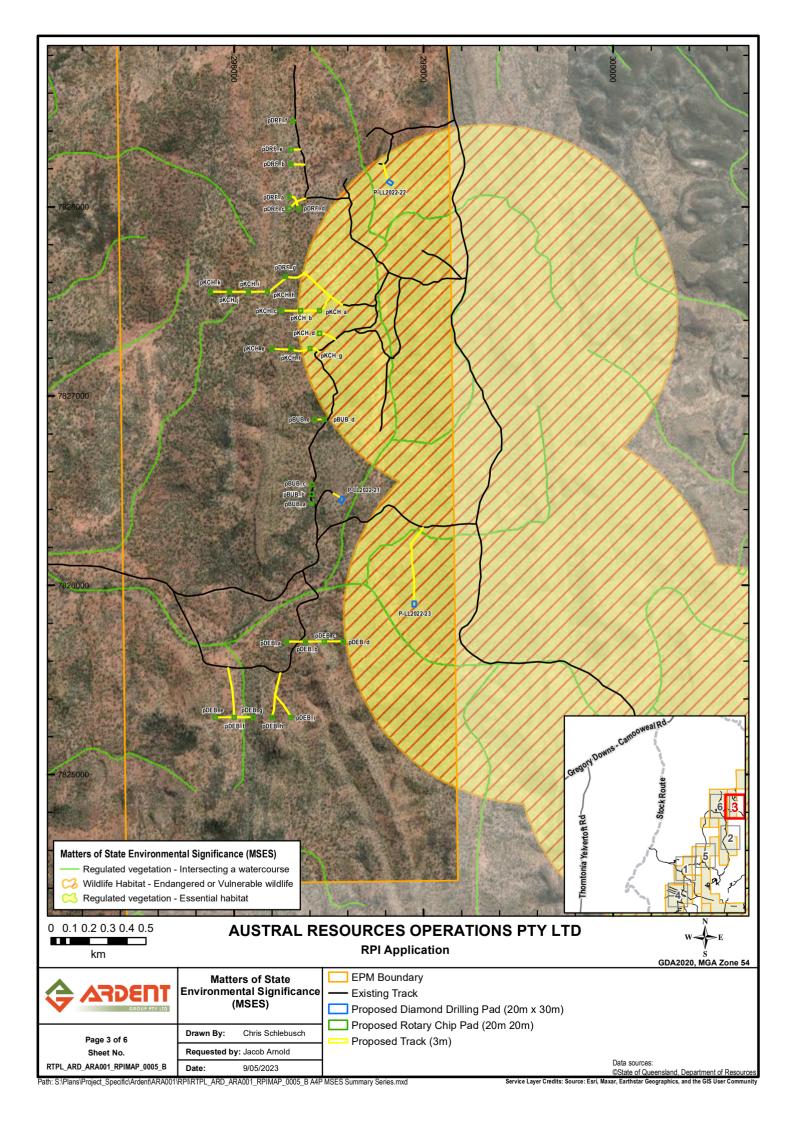


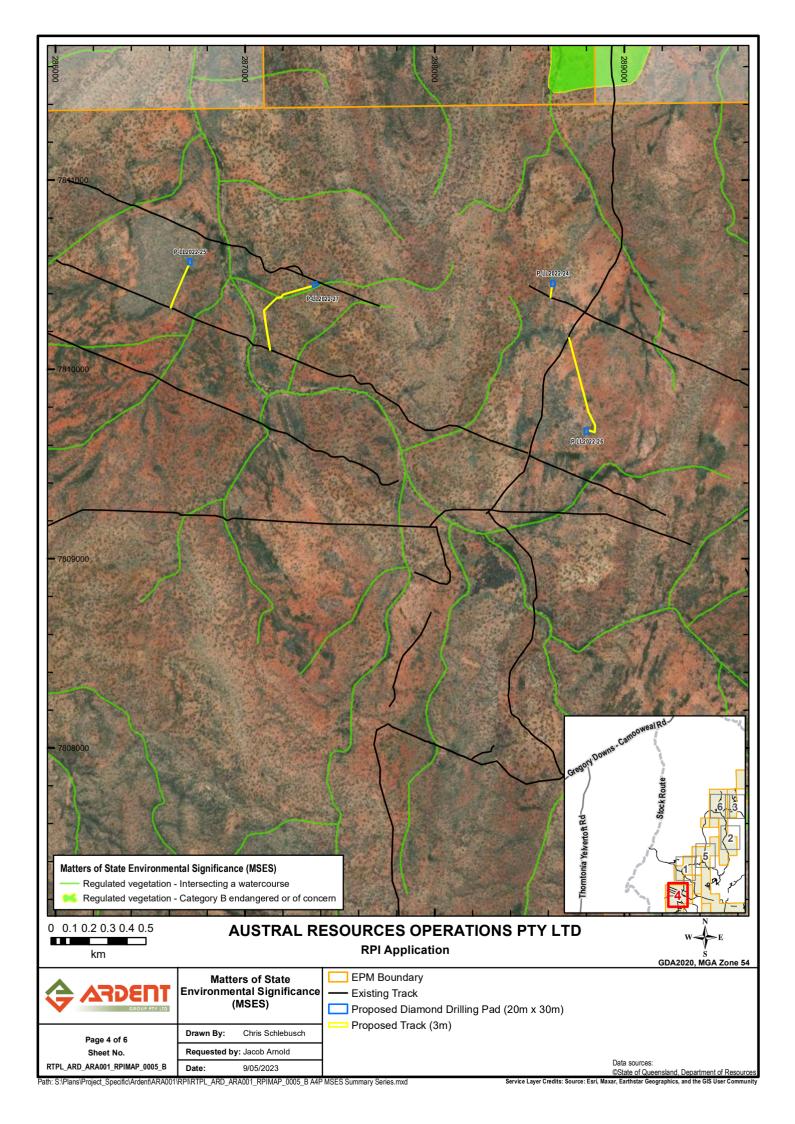
RPI DEVELOPMENT APPLICATION SUPPORTING INFORMATION AUSTRAL RESOURCES OPERATIONS PTY LTD

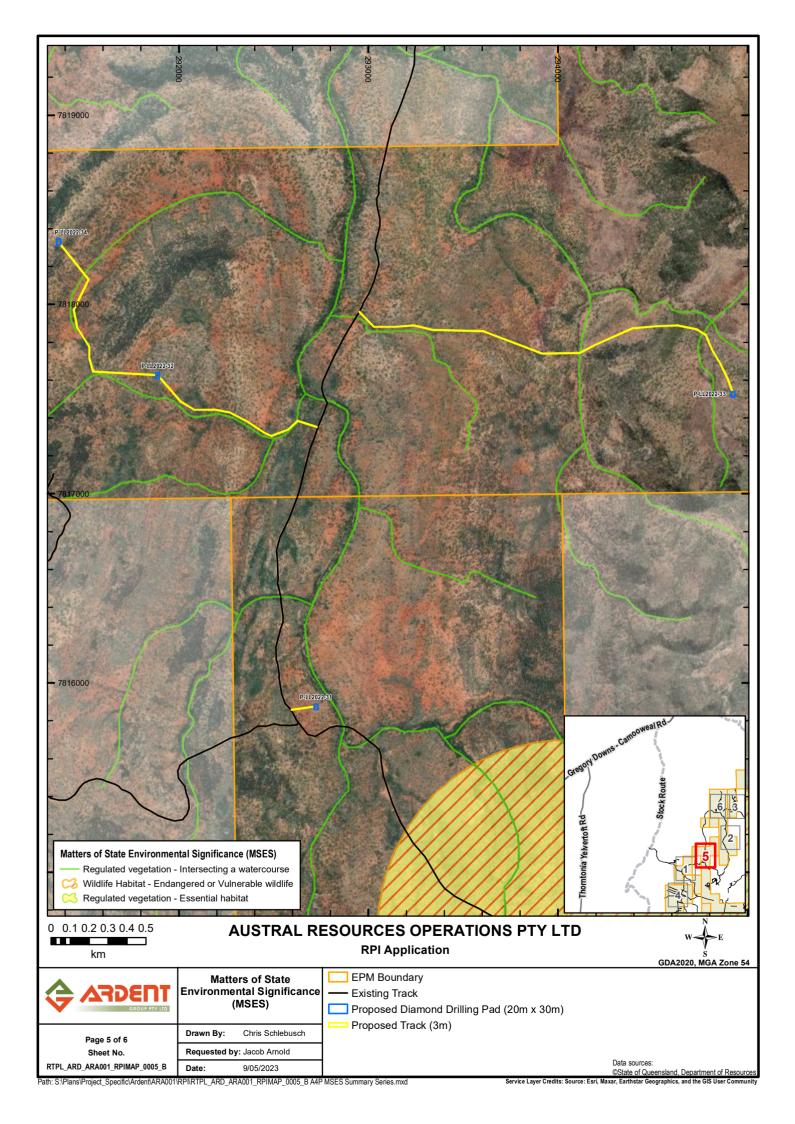
Appendix 3 Exploration Disturbance and Matters of State Environmental Significance

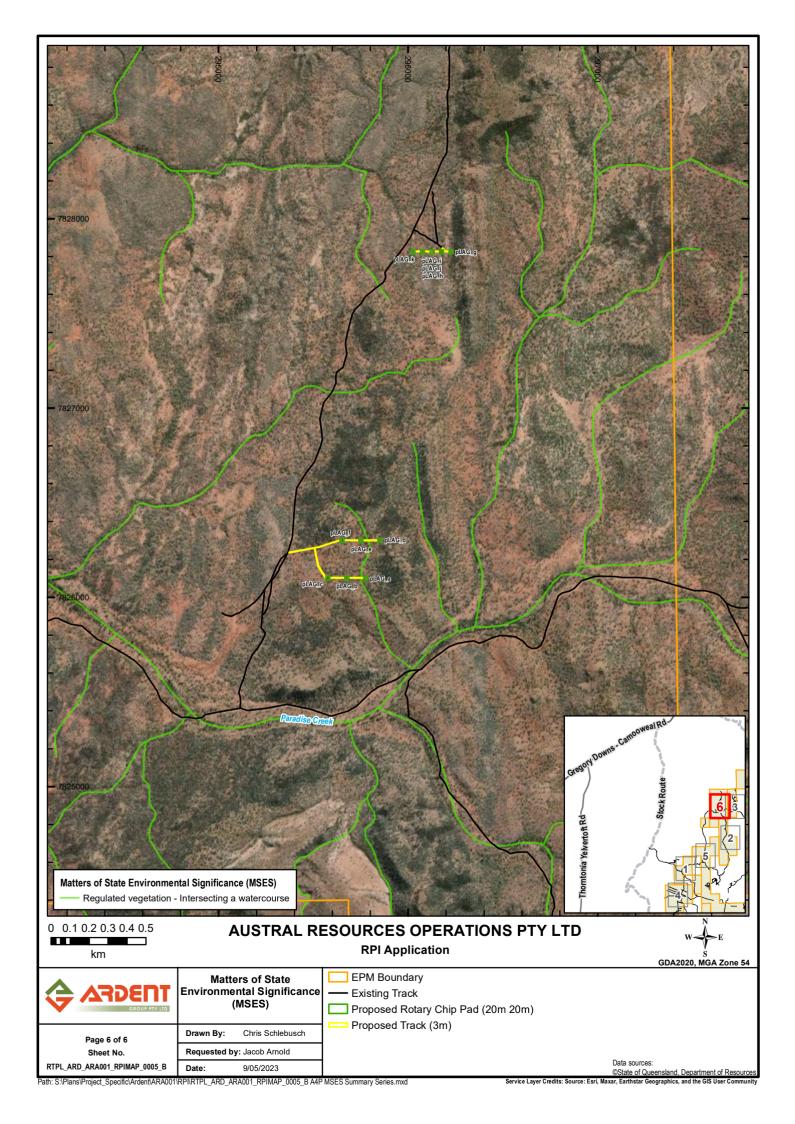








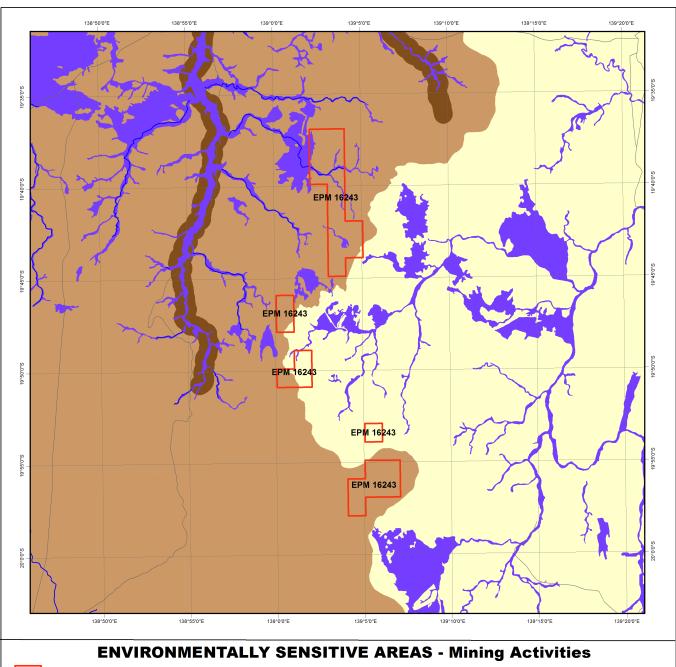






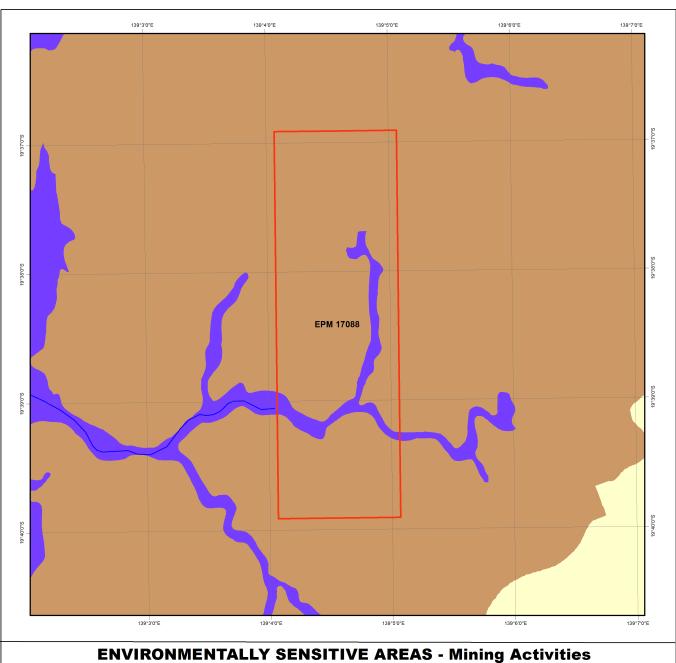
RPI DEVELOPMENT APPLICATION SUPPORTING INFORMATION AUSTRAL RESOURCES OPERATIONS PTY LTD

Appendix 4 ESA Maps



Selected Exploration Permit Mineral (EPM) CATEGORY C 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. CATEGORY A Nature Refuges **National Parks** Resources Reserve Conservation Parks State Forests Forest Reserves Timber Reserves Special Wildlife Reserve River Improvement Areas 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. Wet Tropics World Heritage Area Stanbroke DLA **Coastal Management District** Great Barrier Reef Marine Park Area Dams and Weirs Marine Parks other than General Use Zones **OTHERS** Towns CATEGORY B Roads Queensland Heritage Repealed Wild River Nominated Waterways Register Places ||||||| Ramsar Sites Repealed Wild River Preservation Areas Cultural Heritage Registered Areas Repealed Wild River and DLA's other High Preservation Areas 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 than Stanbroke Mahogany Glider Habitat Special Forestry Areas Seaward Side of Highest Astronomical Tide |||||||| Directory of Important Wetlands Fish Habitat Areas Queensland 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). Coordinated Conservation Areas **Endangered Regional** 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. Ecosystems - regrowth and remnant (Biodiversity Status) **General Use Zones** Marine Plants This product is projected into GDA 1994 MGA Zone 54 © The State of Queensland, 2023





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 **Coastal Management District** Great Barrier Reef Marine Park Area Dams and Weirs Marine Parks other than General Use Zones **OTHERS** Towns CATEGORY B Roads Queensland Heritage Repealed Wild River Nominated Waterways Register Places ||||||| Ramsar Sites Repealed Wild River Preservation Areas Cultural Heritage Registered Areas Repealed Wild River High Preservation Areas and DLA's other than Stanbroke Mahogany Glider Habitat Special Forestry Areas Seaward Side of Highest Astronomical Tide ||||||| Directory of Important Wetlands Fish Habitat Areas Queensland Coordinated Conservation Areas Endangered Regional Ecosystems - regrowth and remnant (Biodiversity Status) General Use Zones of Marine Parks Marine Plants This product is projected into GDA 1994 MGA Zone 54

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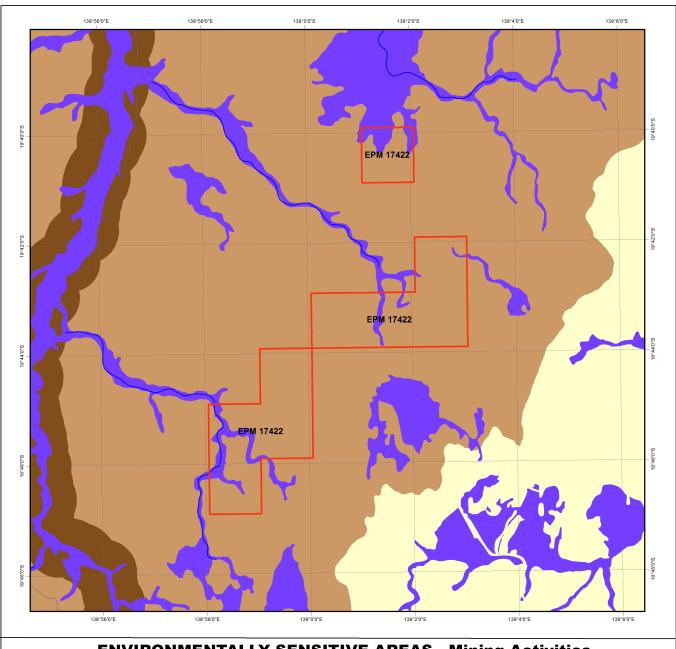
NOTE TO USER: Themes presented in this map are indicative only. Field survey may be required to verify the 'true' spatial extent and value. Not all environmentally sensitive areas are presented in this map. A user should refer to the particular circumstances relevant to their situation to assess the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

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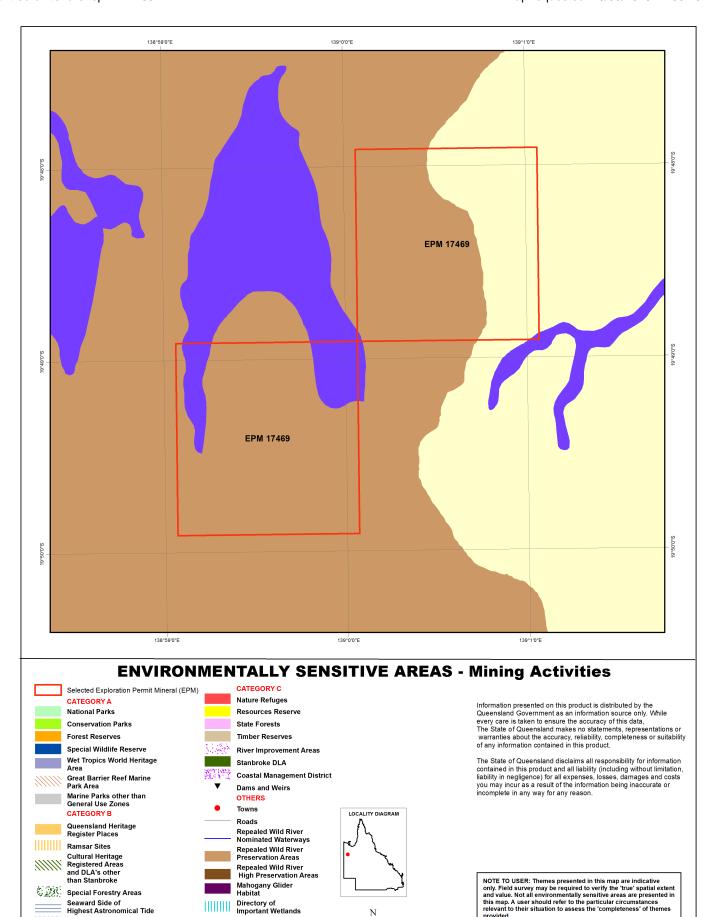
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ENVIRONMENTALLY SENSITIVE AREAS - Mining Activities CATEGORY C Selected Exploration Permit Mineral (EPM) Nature Refuges Information presented on this product is distributed by the Queensland Government as an information source only. While every care 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. **CATEGORY A** National Parks Resources Reserve Conservation Parks State Forests Forest Reserves Timber Reserves Special Wildlife Reserve River Improvement Areas 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. Wet Tropics World Heritage Stanbroke DLA Coastal Management District Great Barrier Reef Marine Park Area Dams and Weirs Marine Parks other than General Use Zones OTHERS Towns CATEGORY B Roads Queensland Heritage Register Places Repealed Wild River Nominated Waterways Ramsar Sites Repealed Wild River Preservation Areas Cultural Heritage Registered Areas and DLA's other Repealed Wild River High Preservation Areas 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 than Stanbroke Mahogany Glider Habitat Special Forestry Areas Seaward Side of Highest Astronomical Tide Directory of Important Wetlands Fish Habitat Areas Queensland 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). Coordinated Conservation Areas **Endangered Regional** 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. Ecosystems - regrowth and remnant (Biodiversity Status) **General Use Zones** Marine Plants This product is projected into GDA 1994 MGA Zone 54 © The State of Queensland, 2023





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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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Seaward Side of Highest Astronomical Tide

Coordinated Conservation Areas

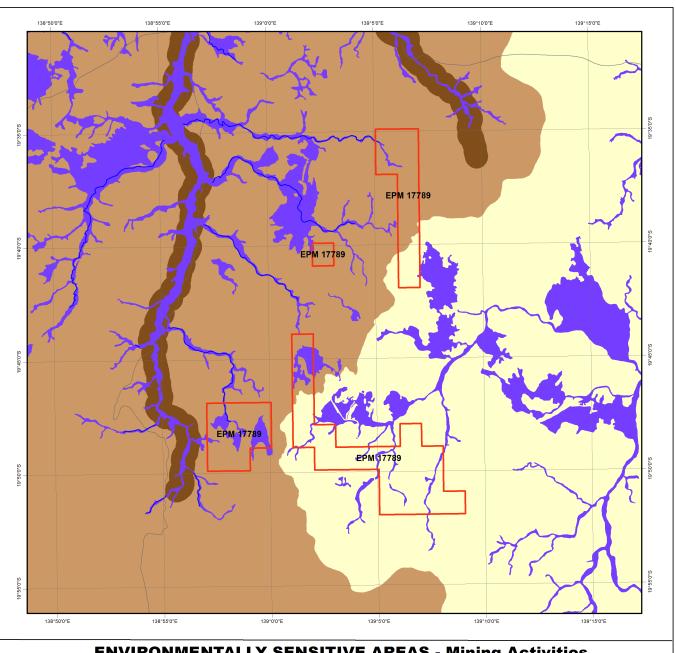
Endangered Regional Ecosystems - regrowth and remnant (Biodiversity Status)

Fish Habitat Areas

General Use Zones of Marine Parks Marine Plants

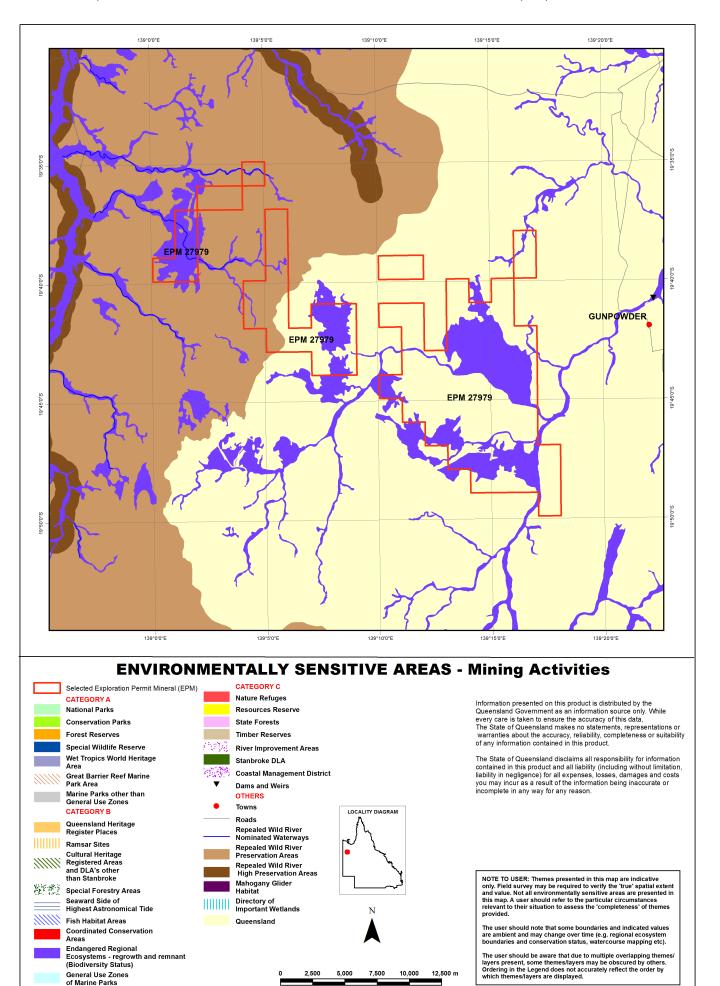
||||||| Directory of Important Wetlands

Queensland



ENVIRONMENTALLY SENSITIVE AREAS - Mining Activities Selected Exploration Permit Mineral (EPM) **CATEGORY C** 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. CATEGORY A Nature Refuges **National Parks** Resources Reserve Conservation Parks State Forests Forest Reserves Timber Reserves Special Wildlife Reserve River Improvement Areas 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. Wet Tropics World Heritage Area Stanbroke DLA **Coastal Management District** Great Barrier Reef Marine Park Area Dams and Weirs Marine Parks other than General Use Zones **OTHERS** Towns CATEGORY B Roads Queensland Heritage Repealed Wild River Nominated Waterways Register Places ||||||| Ramsar Sites Repealed Wild River Preservation Areas Cultural Heritage Registered Areas Repealed Wild River and DLA's other High Preservation Areas 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 than Stanbroke Mahogany Glider Habitat Special Forestry Areas Seaward Side of Highest Astronomical Tide ||||||| Directory of Important Wetlands Fish Habitat Areas Queensland 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). Coordinated Conservation Areas **Endangered Regional** 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. Ecosystems - regrowth and remnant (Biodiversity Status) General Use Zones of Marine Parks Marine Plants This product is projected into GDA 1994 MGA Zone 54 © The State of Queensland, 2023





This product is projected into GDA 1994 MGA Zone 54

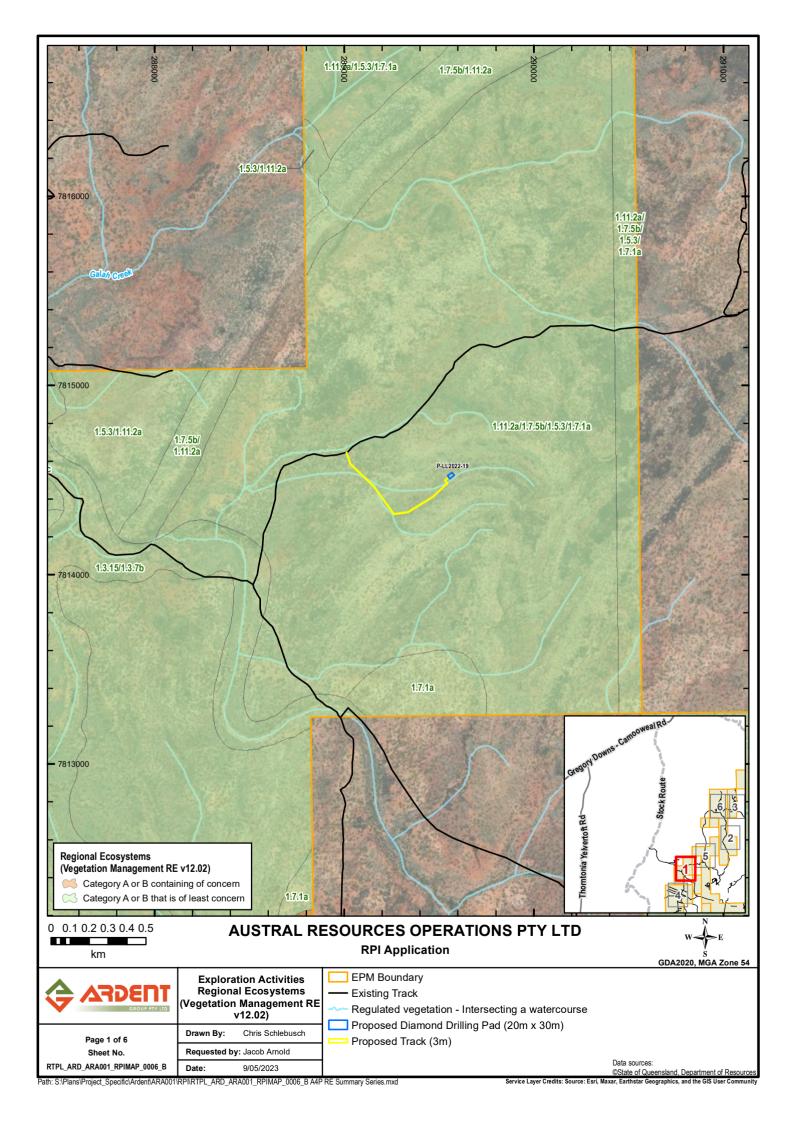
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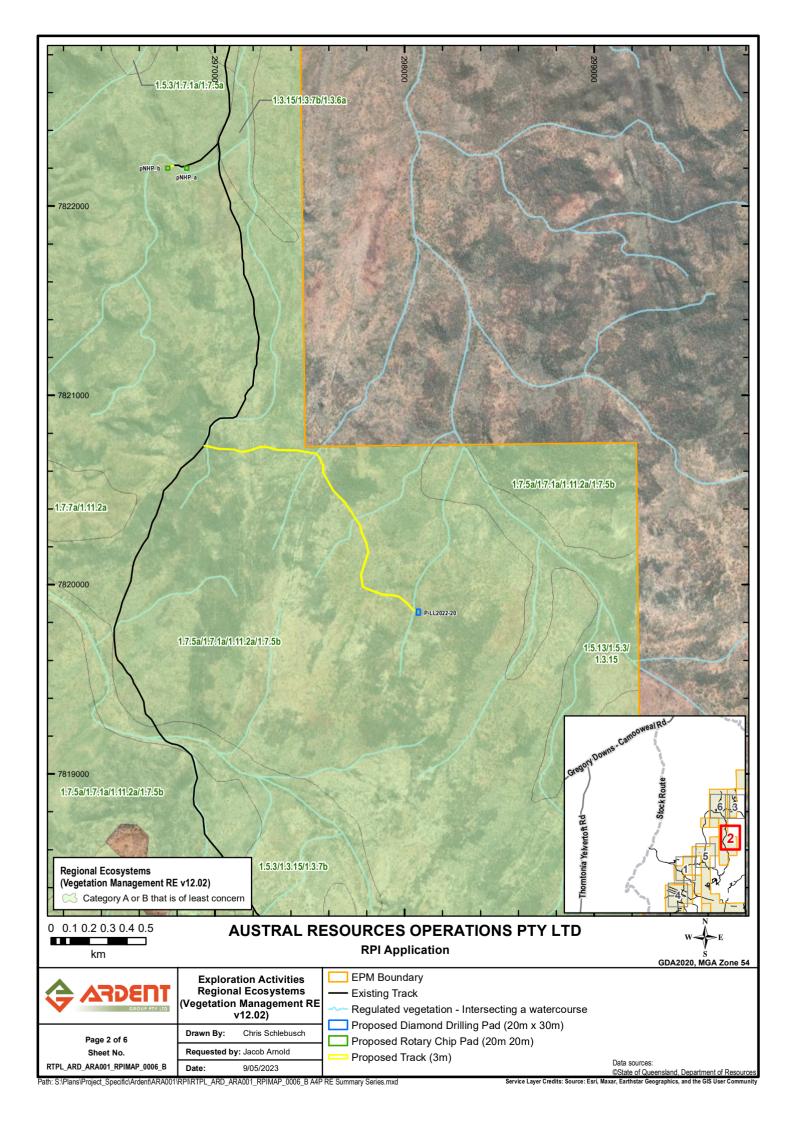
Marine Plants

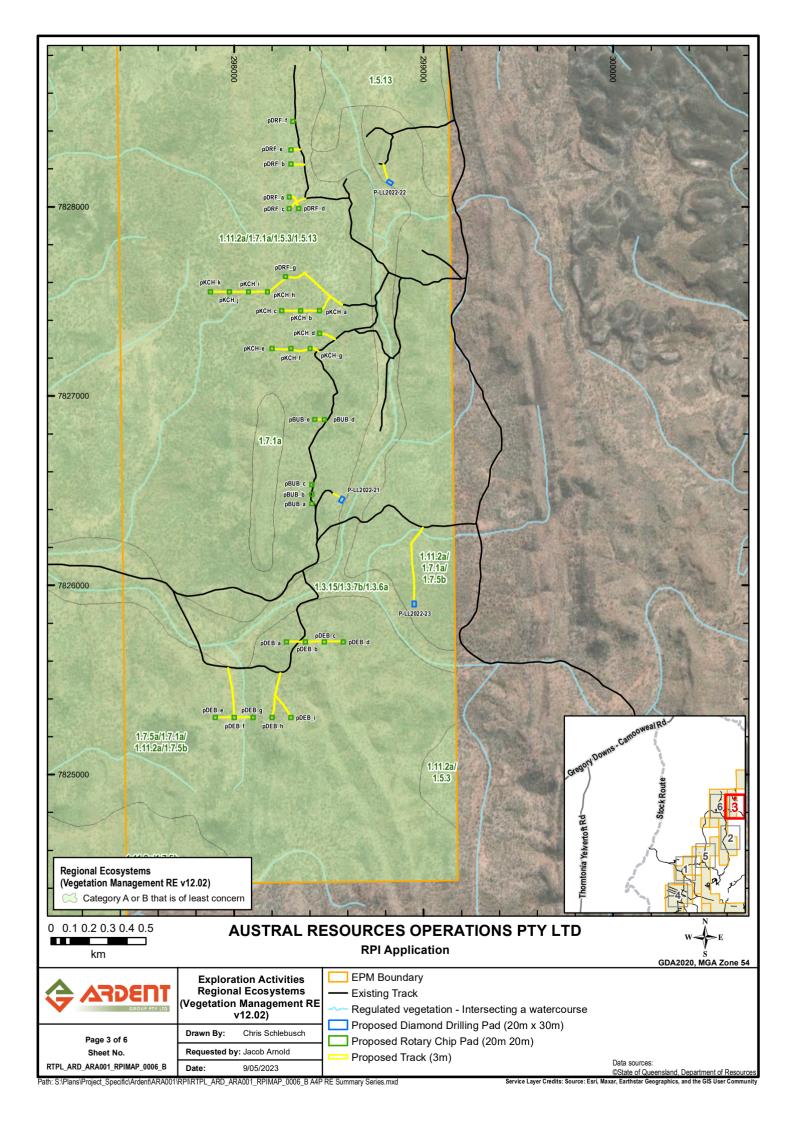


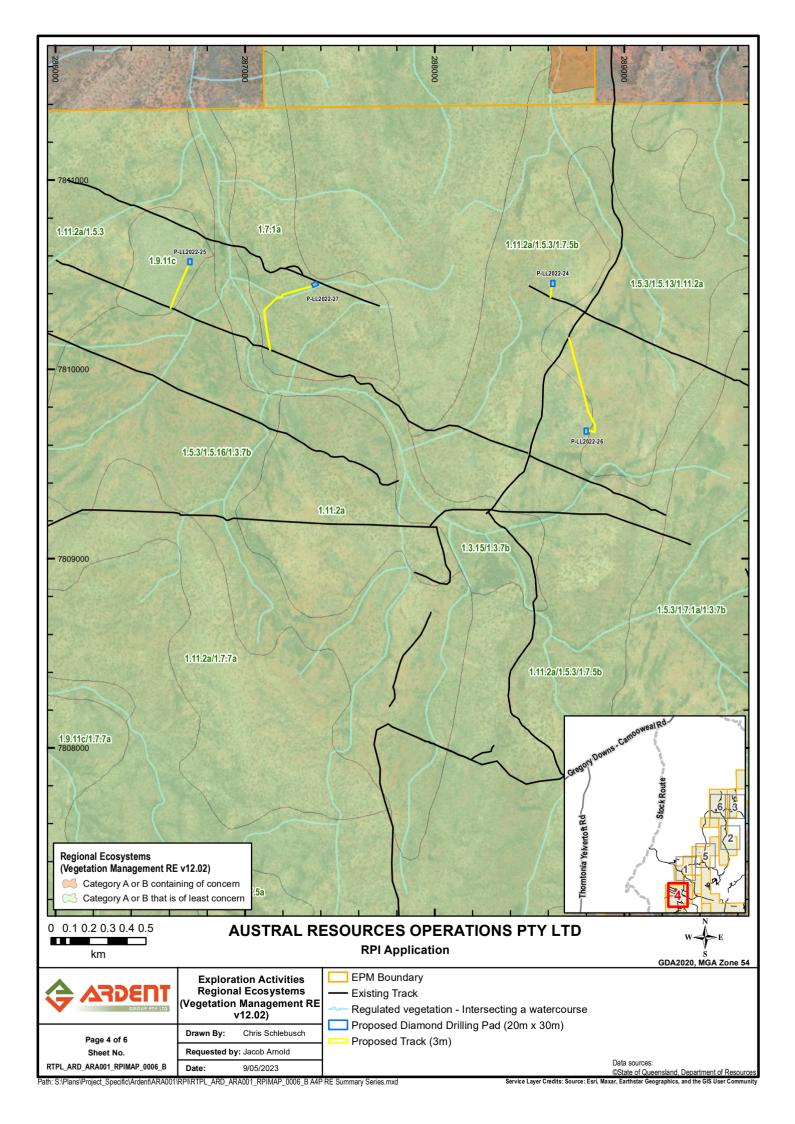
RPI DEVELOPMENT APPLICATION SUPPORTING INFORMATION AUSTRAL RESOURCES OPERATIONS PTY LTD

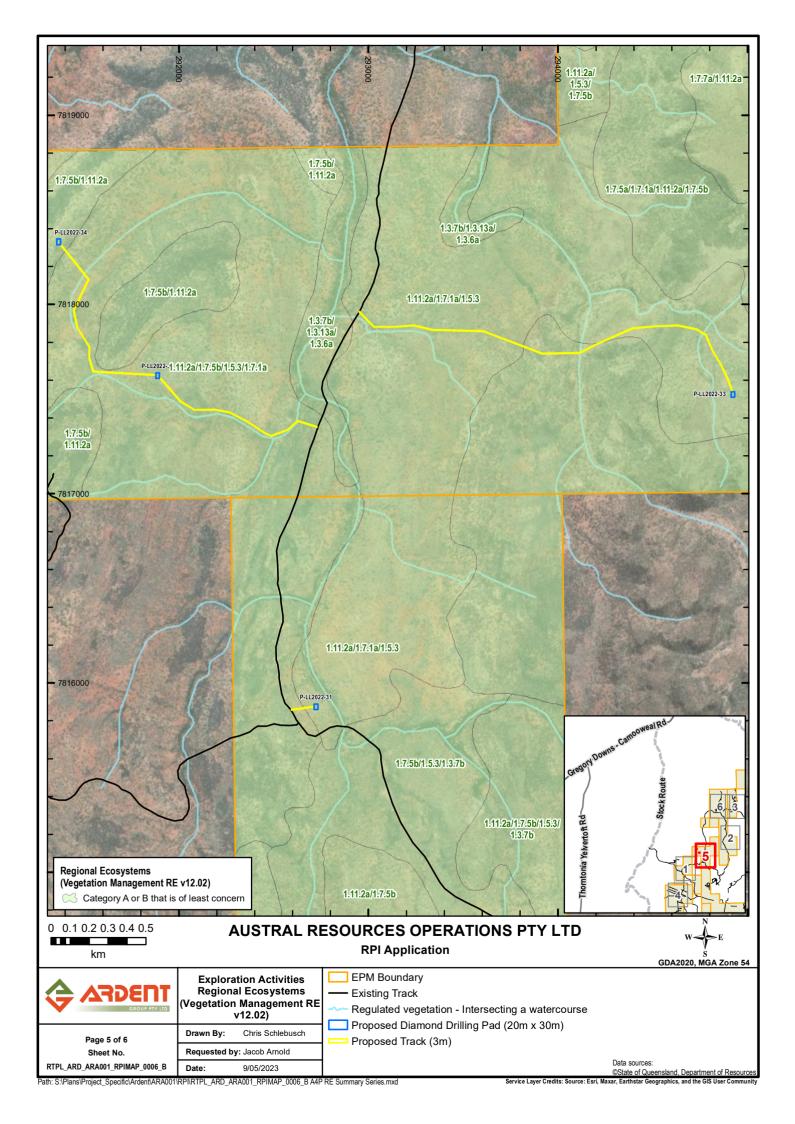
Appendix 5 Exploration Activities and Regional Ecosystems

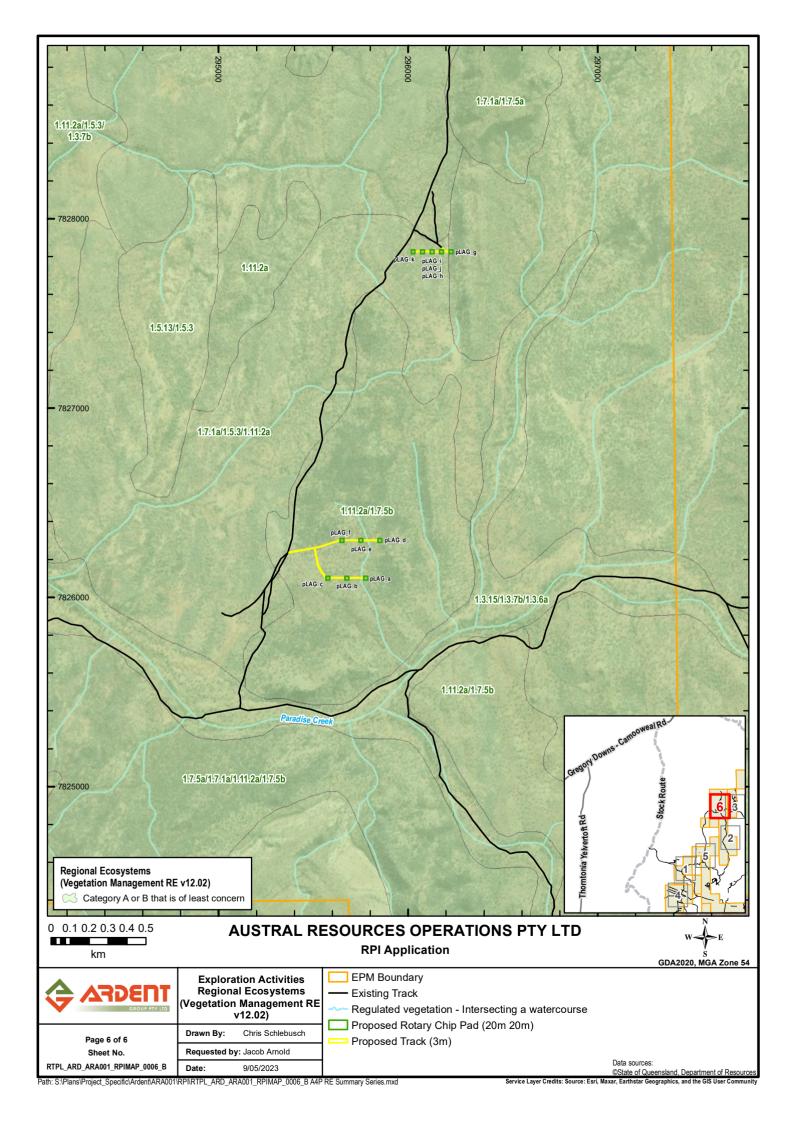










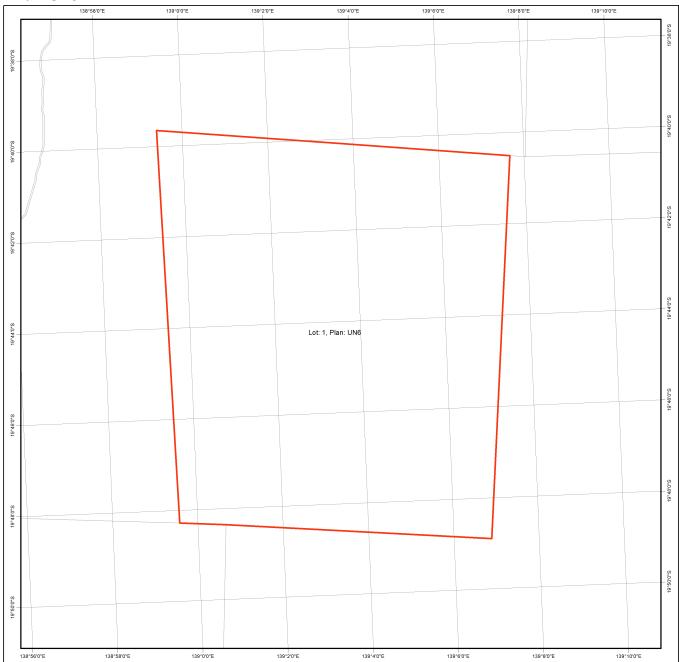




RPI DEVELOPMENT APPLICATION SUPPORTING INFORMATION AUSTRAL RESOURCES OPERATIONS PTY LTD

Appendix 6 Protected Plants

Lot: 1 Plan: UN6



Protected Plants Flora Survey Trigger Map

LOCALITY DIAGRAM 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

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

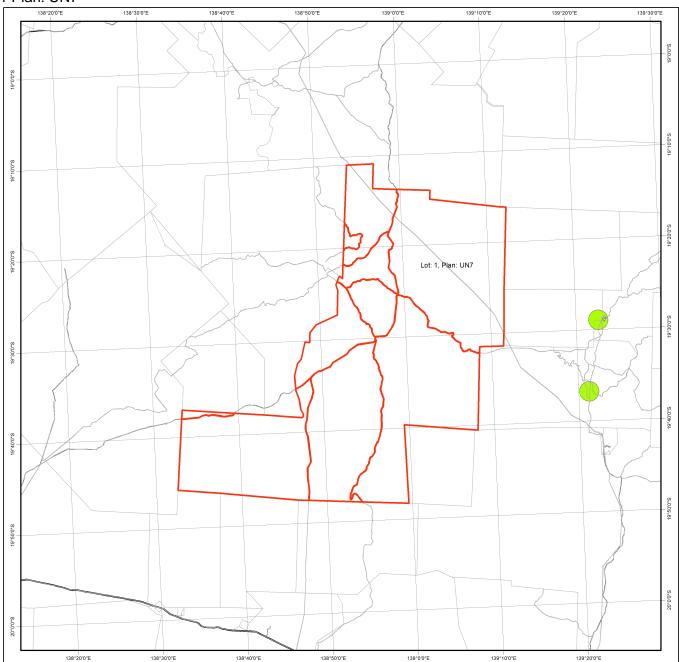
Disclaimer:

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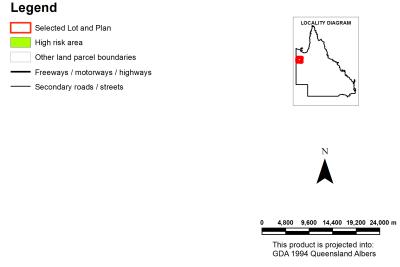
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Legend

Lot: 1 Plan: UN7



Protected Plants Flora Survey Trigger Map



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

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.

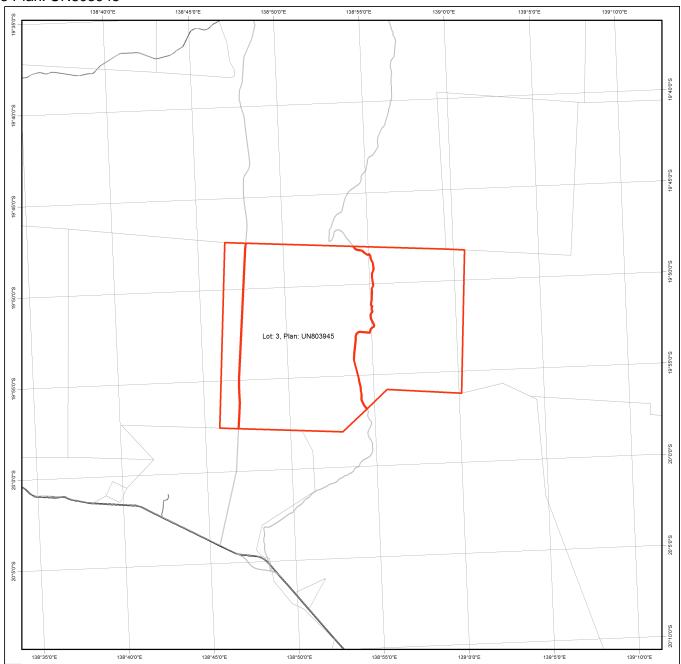
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Lot: 3 Plan: UN803945



Protected Plants Flora Survey Trigger Map

Legend LOCALITY DIAGRAM Selected Lot and Plan High risk area Other land parcel boundaries Freeways / motorways / highways Secondary roads / streets 2,400 4,800 7,200 9,600 12,000 m 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

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.

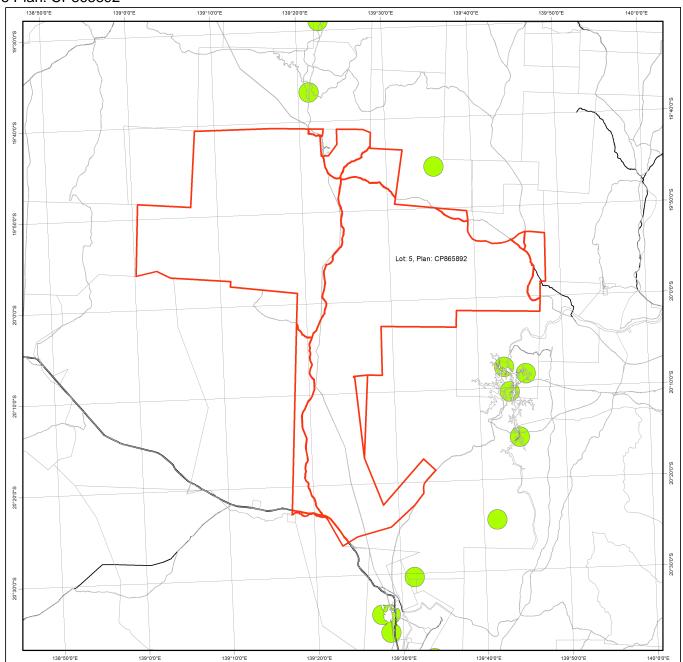
For further information or assistance with interpretation of this product, please contact the Department of Environment and Science at palm@des.qld.gov.au

Disclaimer:

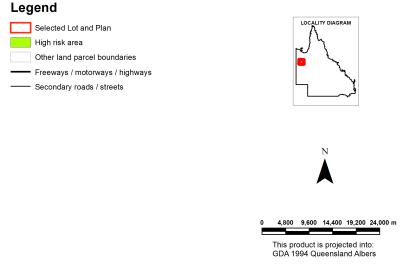
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Lot: 5 Plan: CP865892



Protected Plants Flora Survey Trigger Map



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

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:

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Protected plants flora survey trigger map

The protected plants flora survey trigger map identifies 'high risk areas' where threatened and 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 <u>clearing of protected plants</u> 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

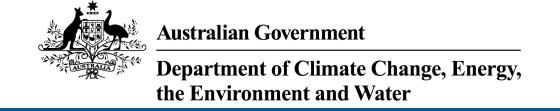
Please note that flora survey trigger maps do not identify species associated with 'high risk areas'. While some species information may be publicly available, for example via the <u>Queensland Spatial Catalogue</u>, the Department of Environment and Science does not provide species information on request. 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 <u>clearing of protected plants</u> for more information.





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Appendix 7 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: 26-Apr-2023

Summary

Details

Matters of NES
Other Matters Protected by the EPBC Act
Extra Information

Caveat

Acknowledgements

Summary

Matters of National Environment Significance

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

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:	12

Other Matters Protected by the EPBC Act

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

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

A <u>permit</u> 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:	17
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:	None

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							
Amytornis dorotheae							
Carpentarian Grasswren [558]	Endangered	Species or species habitat likely to occur within area					
Calidris ferruginea							
Curlew Sandpiper [856]	Critically Endangered	Species or species habitat may occur within area					
Erythrotriorchis radiatus Red Goshawk [942]	Endangered	Species or species habitat may 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					
Grantiella picta Painted Honeyeater [470]	Vulnerable	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					
Rostratula australis Australian Painted Snipe [77037]	Endangered	Species or species habitat may occur within area					
MAMMAL							

Scientific Name	Threatened Category	Presence Text
Macroderma gigas Ghost Bat [174]	Vulnerable	Species or species habitat may occur within area
Macrotis lagotis Greater Bilby [282]	Vulnerable	Species or species habitat may occur within area
REPTILE		
Acanthophis hawkei Plains Death Adder [83821]	Vulnerable	Species or species habitat likely to 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
TOTA Lanca Ownt [070]		habitat likely to occur within area
		habitat likely to occur
Migratory Marine Species Pristis pristis		habitat likely to occur
Migratory Marine Species	Vulnerable	habitat likely to occur
Migratory Marine Species Pristis pristis Freshwater Sawfish, Largetooth Sawfish, River Sawfish, Leichhardt's	Vulnerable	habitat likely to occur within area Species or species habitat may occur
Migratory Marine Species Pristis pristis Freshwater Sawfish, Largetooth Sawfish, River Sawfish, Leichhardt's Sawfish, Northern Sawfish [60756]	Vulnerable	habitat likely to occur within area Species or species habitat may occur
Migratory Marine Species Pristis pristis Freshwater Sawfish, Largetooth Sawfish, River Sawfish, Leichhardt's Sawfish, Northern Sawfish [60756] Migratory Terrestrial Species Hirundo rustica	Vulnerable	Species or species habitat may occur within area Species or species habitat may occur within area Species or species habitat may occur
Migratory Marine Species Pristis pristis Freshwater Sawfish, Largetooth Sawfish, River Sawfish, Leichhardt's Sawfish, Northern Sawfish [60756] Migratory Terrestrial Species Hirundo rustica Barn Swallow [662]	Vulnerable	Species or species habitat may occur within area Species or species habitat may occur within area Species or species habitat may occur
Migratory Marine Species Pristis pristis Freshwater Sawfish, Largetooth Sawfish, River Sawfish, Leichhardt's Sawfish, Northern Sawfish [60756] Migratory Terrestrial Species Hirundo rustica Barn Swallow [662]	Vulnerable	Species or species habitat may occur within area Species or species habitat may occur within area Species or species habitat may occur within area Species or species habitat may occur
Migratory Marine Species Pristis pristis Freshwater Sawfish, Largetooth Sawfish, River Sawfish, Leichhardt's Sawfish, Northern Sawfish [60756] Migratory Terrestrial Species Hirundo rustica Barn Swallow [662] Motacilla cinerea Grey Wagtail [642]	Vulnerable	Species or species habitat may occur within area Species or species habitat may occur within area Species or species habitat may occur within area Species or species habitat may occur
Migratory Marine Species Pristis pristis Freshwater Sawfish, Largetooth Sawfish, River Sawfish, Leichhardt's Sawfish, Northern Sawfish [60756] Migratory Terrestrial Species Hirundo rustica Barn Swallow [662] Motacilla cinerea Grey Wagtail [642]	Vulnerable	Species or species habitat may occur within area Species or species habitat may occur within area

Scientific Name	Threatened Category	Presence Text
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
<u>Charadrius veredus</u> 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
Apus pacificus		
Fork-tailed Swift [678]		Species or species habitat likely to occur within area overfly marine area

Scientific Name	Throatoned Category	Presence Text
Bubulcus ibis as Ardea ibis	Threatened Category	Presence rext
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 osc	<u>ulans</u>	
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
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

Scientific Name	Threatened Category	Presence Text
Motacilla cinerea		
Grey Wagtail [642]		Species or species
		habitat may occur
		within area overfly
		marine area
Motacilla flava		
Yellow Wagtail [644]		Species or species
renow wagtan [044]		habitat may occur
		within area overfly
		marine area
Numenius madagascariensis		
Eastern Curlew, Far Eastern Curlew	Critically Endangered	Species or species
[847]		habitat may occur
		within area
Rostratula australis as Rostratula bengh	alensis (sensu lato)	
Australian Painted Snipe [77037]	Endangered	Species or species
, , ,	5	habitat may occur
		within area overfly
		marine area
Reptile		
<u>Crocodylus johnstoni</u>		
Freshwater Crocodile, Johnston's		Species or species
Crocodile, Johnstone's Crocodile [1773]		habitat may occur
		within area

Extra Information

EPBC Act Referrals			[Resource Information]
Title of referral	Reference	Referral Outcome	Assessment Status
Controlled action			
CopperString Project	2010/5581	Controlled Action	Completed

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 AUSTRAL RESOURCES OPERATIONS PTY LTD

Appendix 8 Wildlife Online Extract



WildNet species list

Search Criteria: Species List for a Defined Area

Species: All

Type: All

Queensland status: All

Records: All

Date: All

Latitude: 19.6242 to 19.8018

Longitude: 138.9568 to 139.0878

Email: jacob.arnold@ardent-group.com.au

Date submitted: Monday 08 May 2023 14:18:49

Date extracted: Monday 08 May 2023 14:20:03

The number of records retrieved = 105

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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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.gld.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	l	Q	Α	Records
animals	amphibians	Bufonidae	Rhinella marina	cane toad	Υ			4
animals	amphibians	Hylidae	Litoria caerulea	common green treefrog		С		2
animals	amphibians	Hylidae	Litoria rubella	ruddy treefrog		С		4
animals	birds	Acanthizidae	Smicrornis brevirostris	weebill		С		5
animals	birds	Accipitridae	Accipiter cirrocephalus	collared sparrowhawk		С		1
animals	birds	Accipitridae	Accipiter fasciatus	brown goshawk		С		1
animals	birds	Accipitridae	Aquila audax	wedge-tailed eagle		С		2
animals	birds	Accipitridae	Circus assimilis	spotted harrier		С		1
animals	birds	Accipitridae	Haliastur sphenurus	whistling kite		С		4
animals	birds	Accipitridae	Hamirostra melanosternon	black-breasted buzzard		С		5
animals	birds	Accipitridae	Milvus migrans	black kite		С		2
animals	birds	Aegothelidae	Aegotheles cristatus	Australian owlet-nightjar		С		4
animals	birds	Anhingidae	Anĥinga novaehollandiae	Australasian darter		С		1
animals	birds	Ardeidae	Ardea pacifica	white-necked heron		С		1
animals	birds	Artamidae	Artamus cinereus	black-faced woodswallow		С		5
animals	birds	Artamidae	Artamus leucorynchus	white-breasted woodswallow		С		3
animals	birds	Artamidae	Artamus minor	little woodswallow		С		2
animals	birds	Artamidae	Cracticus nigrogularis	pied butcherbird		С		3
animals	birds	Cacatuidae	Cacatua galerita	sulphur-crested cockatoo		С		2
animals	birds	Cacatuidae	Cacatua sanguinea	little corella		С		2
animals	birds	Campephagidae	Coracina novaehollandiae	black-faced cuckoo-shrike		С		1
animals	birds	Campephagidae	Coracina papuensis	white-bellied cuckoo-shrike		С		1
animals	birds	Climacteridae	Climacteris melanurus	black-tailed treecreeper		С		3
animals	birds	Columbidae	Geopelia placida	peaceful dove		С		4
animals	birds	Columbidae	Geophaps plumifera	spinifex pigeon		С		7
animals	birds	Columbidae	Ocyphaps lophotes	crested pigeon		С		2
animals	birds	Columbidae	Phaps chalcoptera	common bronzewing		С		4
animals	birds	Corvidae	Corvus coronoides	Australian raven		С		5
animals	birds	Estrildidae	Emblema pictum	painted finch		С		3
animals	birds	Estrildidae	Heteromunia pectoralis	pictorella mannikin		C		1
animals	birds	Estrildidae	Poephila acuticauda	long-tailed finch		С		1
animals	birds	Estrildidae	Taeniopygia guttata	zebra finch		C		2
animals	birds	Eurostopodidae	Eurostopodus argus	spotted nightjar		C		1
animals	birds	Falconidae	Falco cenchroides	nankeen kestrel		С		1
animals	birds	Falconidae	Falco longipennis	Australian hobby		C		3
animals	birds	Hirundinidae	Hirundo neoxena	welcome swallow		C		2
animals	birds	Hirundinidae	Petrochelidon nigricans	tree martin		С		2
animals	birds	Locustellidae	Poodytes carteri	spinifexbird		C		3
animals	birds	Maluridae	Amytornis ballarae	Kalkadoon grasswren		C	_	. 1
animals	birds	Maluridae	Amytornis dorotheae	Carpentarian grasswren		Е	Е	18
animals	birds	Maluridae	Malurus assimilis	purple-backed fairy-wren		C		1
animals	birds	Meliphagidae	Conopophila rufogularis	rufous-throated honeyeater		C		1
animals	birds	Meliphagidae	Gavicalis virescens	singing honeyeater		C		2
animals	birds	Meliphagidae	Lichmera indistincta	brown honeyeater		C		1
animals	birds	Meliphagidae	Manorina flavigula	yellow-throated miner		C		2
animals	birds	Meliphagidae	Melithreptus gularis	black-chinned honeyeater		С		1

Kingdom	Class	Family	Scientific Name	Common Name	l	Q	Α	Records
animals	birds	Meliphagidae	Philemon citreogularis	little friarbird		С		3
animals	birds	Meliphagidae	Ptilotula flavescens	yellow-tinted honeyeater		С		1
animals	birds	Meliphagidae	Ptilotula keartlandi	grey-headed honeyeater		С		9
animals	birds	Meliphagidae	Ptilotula plumula	grey-fronted honeyeater		С		10
animals	birds	Meropidae	Merops ornatus	rainbow bee-eater		С		3
animals	birds	Monarchidae	Grallina cyanoleuca	magpie-lark		С		6
animals	birds	Monarchidae	Myiagra inquieta	restless flycatcher		C C		2
animals	birds	Neosittidae	Daphoenositta chrysoptera	varied sittella		С		1
animals	birds	Oreoicidae	Oreoica gutturalis	crested bellbird		00000		5
animals	birds	Pachycephalidae	Colluricincla harmonica	grey shrike-thrush		С		7
animals	birds	Pachycephalidae	Pachycephala rufiventris	rufous whistler		С		3
animals	birds	Pardalotidae	Pardalotus rubricatus	red-browed pardalote		С		3
animals	birds	Pardalotidae	Pardalotus striatus	striated pardalote		С		1
animals	birds	Passeridae	Passer domesticus	house sparrow	Υ			2
animals	birds	Petroicidae	Melanodryas cucullata	hooded robin		С		3
animals	birds	Petroicidae	Microeca fascinans	jacky winter		С		1
animals	birds	Phasianidae	Synoicus ypsilophorus	brown quail		С		3
animals	birds	Pomatostomidae	Pomatostomus temporalis	grey-crowned babbler		C C		2
animals	birds	Psittaculidae	Aprosmictus erythropterus	red-winged parrot		С		2
animals	birds	Psittaculidae	Melopsittacus undulatus	budgerigar		С		1
animals	birds	Ptilonorhynchidae	Chlamydera nuchalis	great bowerbird		C		4
animals	birds	Rhipiduridae	Rhipidura albiscapa	grey fantail		С		2
animals	birds	Rhipiduridae	Rhipidura leucophrys	willie wagtail		С		4
animals	birds	Strigidae	Ninox boobook	southern boobook		C C		2
animals	birds	Threskiornithidae	Plegadis falcinellus	glossy ibis		SL		1
animals	mammals	Canidae	Canis familiaris (dingo)	dingo				1
animals	mammals	Emballonuridae	Taphozous sp.	•		С		1
animals	mammals	Macropodidae	Osphranter robustus	common wallaroo		С		2
animals	mammals	Macropodidae	Osphranter rufus	red kangaroo		C V		1
animals	mammals	Macropodidae	Petrogale purpureicollis	purple-necked rock-wallaby				4
animals	mammals	Pteropodidae	Pteropus scapulatus	little red flying-fox		С		1
animals	mammals	Tachyglossidae	Tachyglossus aculeatus	short-beaked echidna		SL		1
animals	mammals	Vespertilionidae	Vespadelus caurinus	northern cave bat		С		1
animals	mammals	Vespertilionidae	Vespadelus finlaysoni	Finlayson's cave bat		С		1
animals	reptiles	Agamidae	Amphibolurus centralis	centralian lashtail dragon		C C		1
animals	reptiles	Agamidae	Ctenophorus slateri	Slater's ring-tailed dragon		С		1
animals	reptiles	Agamidae	Lophognathus horneri					3
animals	reptiles	Gekkonidae	Heteronotia binoei	Bynoe's gecko		С		2
animals	reptiles	Scincidae	Ctenotus pantherinus	leopard ctenotus		С		1
animals	reptiles	Scincidae	Ctenotus striaticeps	stripe-headed finesnout ctenotus		С		1
plants	land plants	Amaranthaceae	Gomphrena lanata			С		1/1
plants	land plants	Amaranthaceae	Ptilotus schwartzii			00000		1/1
plants	land plants	Boraginaceae	Heliotropium ballii			С		1/1
plants	land plants	Cucurbitaceae	Cucumis melo			С		1/1
plants	land plants	Cyperaceae	Cyperus fulvus			С		1/1
plants	land plants	Cyperaceae	Cyperus iria			С		1/1

Kingdor	n Class	Family	Scientific Name	Common Name	I	Q	Α	Records
plants	land plants	Cyperaceae	Cyperus microcephalus subsp. microcephalus			С		1/1
plants	land plants	Cyperaceae	Fimbristylis dichotoma	common fringe-rush		С		1/1
plants	land plants	Cyperaceae	Fimbristylis littoralis	-		С		1/1
plants	land plants	Euphorbiaceae	Euphorbia trigonosperma			С		1/1
plants	land plants	Goodeniaceae	Scaevola ovalifolia			С		1/1
plants	land plants	Leguminosae	Acacia elachantha			С		1/1
plants	land plants	Leguminosae	Acacia hammondii			С		1/1
plants	land plants	Leguminosae	Acacia monticola			С		1/1
plants	land plants	Leguminosae	Petalostylis cassioides			С		1/1
plants	land plants	Leguminosae	Tephrosia sp. (Magazine Hill P.Jones 365)			С		1/1
plants	land plants	Loganiaceae	Mitrasacme nudicaulis var. nudicaulis			С		1/1
plants	land plants	Malvaceae	Sida sp. (Jericho E.J.Thompson+ JER117)			С		1/1
plants	land plants	Orobanchaceae	Buchnerà linearis			С		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.

