Evergreen Lithium Limited Exploration Mining Management Plan For EL31774

November 2022

DOCUMENT HISTORY

Rev	Document	Reviewed and approved by	Issued to	Date
1	Exploration Mining Management Plan	Evergreen Lithium Limited – Tal Paneth	Department of Industry, Tourism and Trade (DITT)	6 September 2022
2	Exploration Mining Management Plan amendment (response to DITT request for additional information 1 November 2022)	Evergreen Lithium Limited – Tal Paneth	DITT	11 November 2022

List of Acronyms

Acronyms Full form

AAPA Aboriginal Areas Protection Authority

ABN and ACN Australian Business Number and Australian

Company Number

AMAG Aerial Magnetic Geophysical Survey **AMEC** Association of Mining and Exploration

Companies

ASIC-ABR Australian Securities and Investments

Commission – Australian Business Register

CLC Central Land Council DD Diamond Drilling

DENR Department of Environment and Natural

Resources (now DEPWS)

Department of Environment, Parks and Water **DEPWS**

Security (formerly DENR)

Department of Industry, Tourism and Trade DITT

(formerly DPIR)

DPIR/ Department of Primary Industry and

The Department Resources (now DITT) EL **Exploration Licence**

Exploration Retention Licences ERL DHEM Down hole Electromagnetics

EPBC Environment Protection and Biodiversity

Conservation Act

Exclusion Zone – No exploration activities EΖ

allowed.

FFS Fauna and Flora Survey

Ground Gravity Geophysical Survey **GGRAV** Induced Polarisation Geophysical Survey IΡ

MCA Minerals Council of Australia

Mineral Lease ML

MMA Mining Management Act **MMP** Mining Management Plan

Mineral Titles Act MTA NT Northern Territory

National Vegetation Information System **NVIS**

Protected Matters Search Tool **PMST** Reverse Circulation Drilling RC

RWA Restricted Work Area – only non-ground disturbing exploration activities allowed

Site of Botanical Significance

SOBS Site of Conservation Significance SOCS

Spatial Territory Resource Information Kit for STRIKE

Exploration

TEM Transient Electromagnetic Geophysical

Survey

Water Control District WCD

Background

Evergreen Lithium Limited (ELL) proposes to undertake mineral exploration within Exploration Licence (EL) 31774, here-in referred to as 'the Project', approximately 25 km south of Darwin. EL31774 is a 230 km² parcel bisected by the Cox Peninsula and Litchfield Park Roads (Figure 1). This area is referred to throughout this report as the 'project area'.

Works outlined within this Mining Management Plan (MMP) will take place across the majority of EL31774 except for a north-eastern arm, and for areas close to Darwin Harbour (Figure 2).

Section 1 - Project Details

Evergreen Lithium Limited – Bynoe Project
TBC – Authorisation application attached (Appendix 1)
Evergreen Lithium Limited ACN: 656 722 397 Address: Suite 205, 9-11 Claremont Street South Yarra VIC
3141
Postal: PO BOX 579 Elwood VIC 3184
Tal Paneth (Director) – tpaneth@outlook.com
<u> </u>
Exploration Licence (EL) 31774 is located approximately 25 km south of Darwin and is bisected by the Cox Peninsula and Litchfield Park Roads.
Access is via Cox Peninsula and Litchfield Park Roads, with various unnamed tracks within the project area (see Figure 1).

Lithium.

copper etc)

Target Commodity Details

Include target commodities (i.e. gold,

Mining Activities

Summarise the mining activities (exploration) to be the subject of the proposed Authorisation or Variation

Exploratory soil sampling will be conducted by using a mechanical auger mounted onto a Toyota 4WD vehicle.

Holes are drilled using a 4-inch diameter auger blade, to a depth of 2 m, before being back filled to natural surface.

The program is on a 400 m by 100 m grid and tracks will not be required as the vehicle can travel off track through the area. Sample holes will be moved to avoid disturbing vegetation, sensitive and significant vegetation, sacred sites, restricted work areas, archaeological and heritage sites (Figure 2).

This is the first stage of exploration, with a drilling program to be developed based on the findings of this soil sampling program. A separate MMP will be submitted for this activity.

Proposed Schedule

Include start and finish dates of ground disturbing work

The works will take approximately 3 – 4 months and will commence shortly after the MMP has been approved.

Access to some sample sites may be limited during the wet season and may be delayed until conditions permit.

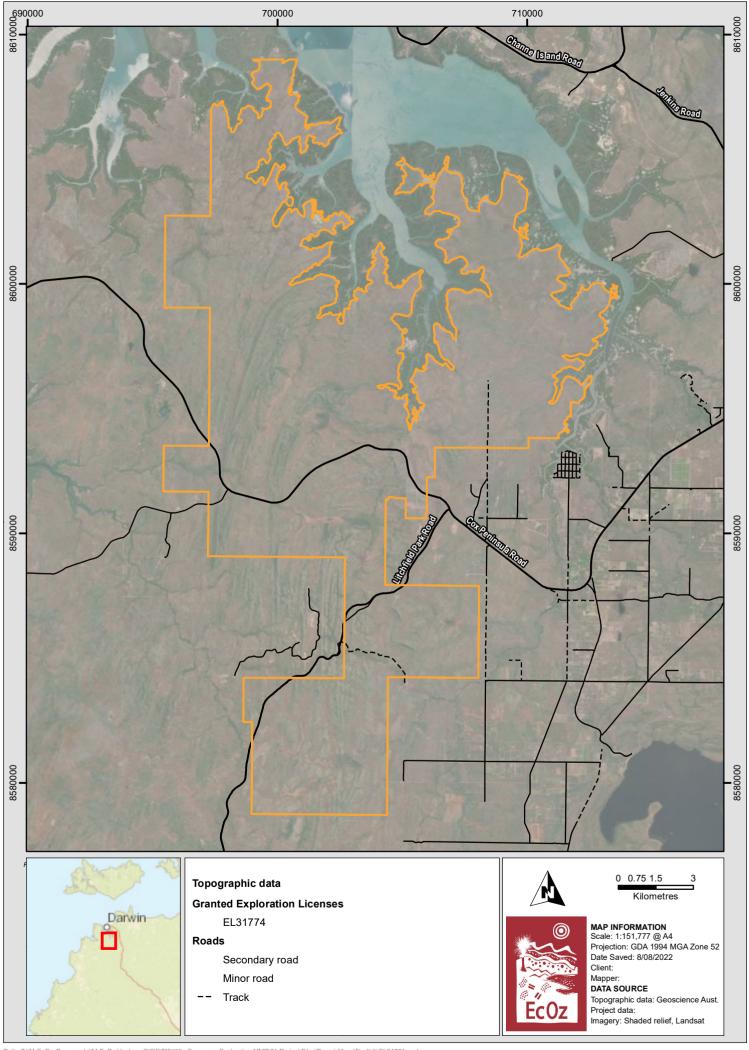
Mining Interest and Land Ownership

List the mining interests (titles), the title holder name/s, the title expiry date and the Property name/Land holder (e.g. pastoralist or Aboriginal land trust) for each title.

Title Number	Title Holder	Expiry Date	Property Name or Land Holder
EL31774	Evergreen Lithium Limited	14/02/2025	Crown Land (208 km ²), with small areas of private ownership with uses such as private dwellings and agriculture (22 km ²).

Organisational Structure

Position Title	Name	Responsibilities
Chairman	Simon Lill	Responsible for the setting of Corporate Governance policies.
Non-executive Director	Chris Connell	Responsible for Company strategy, management of operations and implementation of corporate governance.
Non-executive Director	Tal Paneth	Responsible for Company strategy, management of operations and implementation of corporate governance.
Non-executive Director	Peter Marks	Responsible for oversight of corporate governance strategy and co-management of operations and strategy.
Exploration Manager	Jason Ward	Responsible for exploration planning to ensure exploration activities are conducted in accordance with DITT and NT WorkSafe regulations.



 $Path: Z: \\ 101 EcOz_Documents \\ 104 EcOz\ Vantage\ GIS\ EZ22155-Evergreen\ Exploration\ MMP\\ \\ 101\ Project\ Files\ Report\ Maps\\ \\ Fig\ X-X\ EL31774.mxd$

Figure 1. Map of Project Location

Section 2 – Operator Self-Assessment of the Environmental Risk

An environmental risk assessment has been completed for the proposed exploration activities (see Appendix 2). Overall, the project has resulted in low residual risk, and as a result, no environmental management plans have been completed for the proposed exploration activities.

Environmental considerations

ASSESSMENT ASPECT	YES or NO	ACTIONS REQUIRED (if answered YES)	APPENDED INFORMATION (Evidence of consultation with DEPWS and/or management plan)
Step 1: Are there any threatened flora species or habitats of significance that may occur in the proposed work area?	Yes	The project area is typically comprised of tall open Eucalypt forests, dominated by Darwin Woollybutt (Eucalyptus miniata) and Darwin Stringybark (Eucalyptus tetrodonta). Sensitive or significant vegetation within the project area includes areas of riparian vegetation occurring on the banks of rivers and streams, rainforest patches, hollow bearing trees, wetlands and mangroves, and groundwater-dependent ecosystems. There are no threatened ecological communities within the project area. Exploration activities outlined in this MMP solely soil sampling with an auger. No clearing activities will be undertaken; thus, no removal of large trees or hollows will occur. A 4WD vehicle will be used to access the soil sampling locations. In areas where vegetation is dense, an ATV will be used. The 4WD and/or ATV will navigate around trees and fallen trees to minimize disturbance. Exploration will avoid all environmentally sensitive areas through identification of the location of these areas and applying the NT Land Clearing Guidelines recommended buffer widths. No exploration activities will occur within these areas or within the identified buffers: • 250m buffer around the rainforest area • 25m buffer for stream order one waterways • 50m buffer for stream 2 order waterways • 50m buffer for stream 2 order waterways • 250m buffer for wetlands and mangroves. All identified sensitive vegetation types within the Project area have been identified in Figure 2. Location of buffer boundaries will be further assessed in the field during exploration activities.	Refer to: Desktop Ecological Assessment of EL31774 (EcOz 2022) (Appendix 3) Search undertaken of NTG NR Maps database. Environmental risk assessment (Appendix 2) – Low residual risk.

ASSESSMENT ASPECT	YES or NO	ACTIONS REQUIRED (if answered YES)		APPENDED INFORMATION (Evidence of consultation with DEPWS and/or management plan)	
Step 1 (cont) Are there any threatened fauna species or habitats of significance that may occur in the proposed work area?	Yes	with a likelihood identified <i>Typho</i> Darwin Cycad (Chigh likelihood of area. The Darwin macarthurii) has occurrence. A significant por is located within Conservation Si	ed threatened fate in 2021-2022. To of occurrence anium praetermis Cycas armstrong of occurrence with Palm (Ptychos a medium likelil at the Darwin Harbert series and in a sample site, and wed to avoid are it is a low reside works. Therefore at sof significance are is a low reside works. Therefore at sof significance are in a species of Fivation significance are within the EPBC Act 1999 Vulnerable Endangered Vulnerable	auna and flora This study, along ssessment sum, and gii) as having a hin the project sperma hood of bwards the north bour Site of sturbance (i.e. no nd the fact that as/vegetation of ual risk e, it is unlikely eatened flora ce. Federal and/or ce have a high ne project area: TPWC Act 2000 Endangered Near threatened Vulnerable	Refer to: Desktop Ecological Assessment of EL31774 (EcOz 2022) (Appendix 3) Likelihood of occurrence assessment completed Environmental risk assessment
		likelihood of occ	urrence within th	ne project area:	(Appendix 2) – Low residual risk.
		Red Goshawk	Endangered	Endangered	
		Masked Owl	Vulnerable	Near Threatened	
		Red Knot	Vulnerable	Vulnerable	
		Curlew Sandpiper	Vulnerable	Vulnerable	

ASSESSMENT ASPECT	YES or NO	ACTIONS REQ (if answered YI			APPENDED INFORMATION (Evidence of consultation with DEPWS and/or management plan)
		Great Knot	Endangered	Endangered	
		Greater Sand Plover	Endangered	Endangered	
		Lesser Sand Plover	Vulnerable	Vulnerable	
		Nunivak Bar- tailed Godwit	Endangered	Critically Endangered	
		Eastern Curlew	Endangered	Vulnerable	
		Australian Painted Snipe	Vulnerable	Endangered	
		Northern Quoll	Critically Endangered	Critically Endangered	
		Ghost Bat	Vulnerable	Near Threatened	
		Bare-rumped Sheath-tailed Bat	Vulnerable	Near Threatened	
		Mertens' Water Monitor	-	Vulnerable	
		Mitchell's Water Monitor	-	Vulnerable	
		Yellow-spotted Monitor	-	Vulnerable	
		to be impacted. highly mobile ar away from the s Reconnaissance will be undertak impacted by gro	vities are not loc erefore shorebing. The remaining and are expected small disturbance of proposed ender to identify fare bund disturbing a sturbance of large	cated within the rds are not likely species are all to easily move e areas. xploration areas una that may be	
		Exploration active 4WD and/or AT once to collect to hole immediated This process widiameter (4 inch shallow depth (2 collapsing as the	V visiting each she sample and by after the sample lines and lines form new the suge 2m) will likely lea	sample location remediate the ole is collected. tracks. The small r holes and ad to the hole	

ASSESSMENT ASPECT	YES or NO	ACTIONS REQUIRED (if answered YES)	APPENDED INFORMATION (Evidence of consultation with DEPWS and/or management plan)
		hole. Each hole will be backfilled to surface immediately on completion which will prevent any risk of fauna entrapment. Minimal disturbances (no vegetation clearing and progressive rehabilitation of each hole) will mitigate potential impacts to threatened species.	
Step 2: Are there any known declared weeds within the proposed work area?	Yes	A review of the NT Weed Branch weed dataset records to 2017 (DEPWS 2003) listed 176 records, predominantly along the Cox Peninsula Road and property boundaries, with some within the Blackmore Peninsula along tracks probably related to low survey effort dues to the undeveloped nature of the location. The most frequently reported species is Gamba Grass (Andropogon gayanus), followed by Perennial Mission Grass (Cenchrus polystachios). Within 10km of the project there are a high number of weed records. Therefore, access routes in the project area are likely to contain weeds and present a potential risk. Good vehicle hygiene practices as outlined in the following NT Government resources, will be employed to ensure that seeds of declared weed species are not transported onto the project area. • Weed Management Handbook Appendix A – Preventing Weed Spread (weed-management-handbook.pdf) • Vehicle Hygiene Brochure (vehicle-hygiene-brochure.pdf) • Preventing Weed Spread is everyone's business (preventing-weed-spread.pdf) Any sightings of declared weed species in the exploration project area will be reported to the Department and steps taken to control and eradicate.	Refer to: Desktop Ecological Assessment of EL31774 (EcOz 2022) (Appendix 3) Environmental risk assessment (Appendix 2) – Low residual risk.
Step 3: Will you be using water from bores or other sources for the operation?	No	No water is required for the exploration activities outlined within this MMP.	

Environmental assessment and cultural considerations

ASSESSMENT ASPECT	YES or NO	MANAGEMENT REQUIREMENTS
Step 4: Is your project likely to have a significant impact on the environment?	No	According to the EPBC Act Protected Matters Search Tool (PMST) report (see Appendix A of Desktop Ecological Assessment in Appendix 2), the project area is not located near any World Heritage Properties, National Heritage Places, Wetlands of International Significance, Commonwealth Marine Areas or Threatened Ecological Communities. The EPBC PMST report was incorporated into the likelihood of occurrence assessment which assessed 52 threatened species, and found six have a high likelihood of occurrence, and 17 have a medium likelihood of occurrence. These species have been outlined in Section 2 and are not expected to be impacted by project activities. An environmental risk assessment was conducted and is included as Appendix 2. The risk assessment considered the NTEPA Environmental Factors and Objectives Guideline. The controls
Step 5:	Yes	outlined in Appendix 2 will be implemented. As per the AAPA abstract of records (reference no. 202210315)
Are there Aboriginal sacred sites in the	sacred	(Appendix 4) there are 3 registered sacred sites within EL31774, and one near the EL boundary. There are also restricted work areas within EL31774.
Project area?		There are also areas along Cox Peninsula and Litchfield Park Roads that have Authority Certificate records, which should be consulted prior to works taking place in these areas.
		The proponent has begun the application process for an AAPA Authority Certificate, which will provide more information on sacred sites within the EL.
		To avoid activity near the three registered sacred sites, a 50m exclusion zone has been developed. All restricted areas will be avoided.
		If additional sacred sites are identified in the AAPA Certificate, the sites will be avoided and conditions of the certificate adhered to. Site maps will be updated to reflect the additional sacred sites areas and/or restricted work areas. All site personnel will be made aware of the AAPA Certificate sacred sites and conditions to ensure the sites remain protected.
Step 6: Are there	Yes	The NT Heritage Branch was contacted August 2022 to conduct a search of the heritage register. A total of 32 known sites were
archaeological and heritage sites in the Project area?	eritage sites	identified within EL31774, however only three are located within the sample program area. The majority of archaeological sites are shell middens/mounds and stone artefact scatters. The NT Heritage Branch advised that some of the records are aged, so the integrity of the information about the sites may be compromised. The sites are shown in Figure 3.
		To ensure the three archaeological sites within the sample program area are avoided, a 50m exclusion zone has been developed. All

ASSESSMENT ASPECT	YES or NO	MANAGEMENT REQUIREMENTS	
		other sites will not be approached as they are outside the sample program area.	
		If any archaeological and heritage sites are identified during the proposed activities, these areas will be avoided and the heritage branch and/or AAPA notified as soon as reasonably practicable.	

Section 3 – Amendments

As per Section 41(3) of the *Mining Management Act*, an MMP reviewed and amended under Section 41(1)(a) is to clearly identify amendments made to the previously approved MMP (2020).

Section	Amendment
General	Reference to EMMP updated to MMP Appendices sequentially ordered Document history table included on from page.
Section 1. Mining activities	Updated to specify that the location of holes will avoid disturbance of vegetation, significant and/or sensitive vegetation, sacred sites, restricted work areas, archaeological and heritage sites.
Section 2. Step 1.	Further details included of how exploration activities will avoid environmentally sensitive areas and how exploration activities will be carried out to avoid the creation of new tracks and how to mitigate impacts to threatened species present in the area.
Section 2. Step 2.	Inclusion of referenced documents for good weed hygiene practices
Section 2. Step 5	Details provided if the AAPA Certificate identifies additional sacred sites.
Section 2. Step 6	Additional information regarding chance find procedures for archaeological and heritage sites
Section 8	Require attachments amendment to reflect order of appendices Security calculation attached (Appendix 5)

Section 4 – Activities Proposed

Mining Interests (i.e. titles)	EL31774
Number and type of proposed drill holes	2,879 auger holes 4 inches in diameter
Maximum depth of proposed holes (m)	2
Number and size of drill pads to be cleared (Length: m x Width: m)	N/A
Total area of drill pads to be cleared – assumes max holes drilled (ha)	N/A
Number of proposed water bores	N/A

Mining Interests (i.e. titles)	EL31774	
Is drilling likely to encounter groundwater? (Y, N, unsure)) If answering yes, please provide the number of exploration holes where this is likely to occur	N	
Number of costeans	N/A	
Volume to backfill costeans (Length: m x Width: m x Depth: m)	N/A	
Number of bulk sample pits	N/A	
Volume to backfill bulk sample pits (Length: m x Width: m x Depth: m)	N/A	
Bulk sample pits approved under <i>Mineral Titles Act</i> ? (Y or N) If Yes provide approval	N/A	
Length of line/track clearing (Length m: x Width: m)	N/A	
Area of proposed line/track clearing (ha)	N/A	
Camp area to be cleared (ha)	N/A	
Camp Infrastructure (i.e. demountable, tents)	N/A	
Previous disturbance yet to be remediated on title (ha) if known	N/A	
Other	N/A	
Total area disturbed proposed (ha)	35 m ²	

Section 5 – Previous Disturbance (for existing Authorisations only)

There is no existing authorisation and previous disturbance.

Section 6 – Environmental Management

By checking these boxes, you are agreeing to implement the following minimum environmental management standards on the project area. Where boxes have been left unchecked, justification is required.

6.1	Υ	Blade-up approach for clearing will be used (i.e. no windrows, leave root stock and topsoil)		
6.2	Υ	Significant vegetation will be avoided during clearing (i.e. large trees, specimens providing habitat or food sources, riparian vegetation, and threatened species)		
6.3	Y	Vegetation clearing during, and immediately after rainfall events, will be avoided		
6.4	Y	Vegetation clearing will be kept to the minimum required to safely traverse vehicles and drill rigs along tracks and drill pads		
6.5	Υ	Where blade-up techniques cannot be employed, topsoil and vegetation will be stockpiled appropriately for remediation purposes		
6.6	Y	All employees and contractors will be trained and inducted in relation to the management of environmental risks in the work area, including weeds, waterways, threatened species, soil erosion, sacred sites and heritage areas		
6.7	Y	Sumps will be lined or tanks of appropriate size to contain water, sediment and drilling fluids encountered during drilling, will be used		
6.8	Y	Sumps, drill holes, and fuel stores will be located away from environmentally significant areas and water courses		
6.9	Υ	Excavations (sumps, costeans and pits) will be appropriately ramped to allow fauna egress		
6.10	Υ	Drill holes will be securely capped immediately after drilling		
6.11	Y	Vehicle hygiene measures will be employed to prevent the introduction and spread of invasive species and pathogens when mobilising vehicles and equipment from one location to another		
6.12	Y	Hydrocarbon spills will be minimised using liners and drip trays under machinery, and appropriately sized spill-kits available in the event of a spill		
6.13	Y	Hazardous substances (including hydrocarbons) will be stored and handled in accordance with relevant Australian Standards		
6.14	Y	Hydrocarbons will be stored in lined and bunded areas		
6.15	Y	Waste will be stored securely while on-site to minimise windblown rubbish and access by feral animals		
6.16	Y	Waste will be removed off-site and disposed of at an appropriate waste management facility		
6.17	Y	All environmental incidents will be reported to the Department in accordance with Section 29 of the <i>Mining Management Act</i> .		
6.18	Y	Acid and Metalliferous Drainage (AMD) and Potentially Acid Forming (PAF) material derived from drilling cuts will be managed to avoid AMD and PAF related issues on site.		

6.19	Υ	Radioactive/NORM drill cuttings will be managed to avoid radiation related issues on site.
6.20	Y	Dust management will be implemented on site.

Justification and alternative management measures:

Section 7 - Remediation and Closure

By checking these boxes, you are agreeing to implement the following minimum remediation standards on the project area. Where boxes have been left unchecked, justification is required.

 7.1 Y Drill holes will be plugged below ground level at a minimum depth of 0.4 metres and soil mounded to prevent subsidence, within 6 months of completion of drilling. 7.2 Y Drill holes encountering multiple or confined aquifers will be grouted with concrete. 7.3 Y Drill samples/spoil will be returned down drill holes, buried in sumps, or removed from site. 7.4 Y All drill hole and access markers including flagging tape, wooden markers and star pickets will be removed from site. 7.5 Y Cut and fill drill pads will be re-contoured to be consistent with the surrounding terrain. 7.6 Y Drill pads and compacted areas along the contour (on sloping ground) will be ripped/scarified of and tracks will be cross-ripped (zig-zag). 7.7 Y Tracks will be rehabilitated, including pushing in all windrows, unless otherwise agreed in writing by the land holder or appropriate third party. 7.8 Y Appropriate erosion and sediment controls will be installed where erosion is evident or likely to occur. 7.10 Y Access through watercourses will be removed and banks restored. 7.11 Y All previously disturbed areas will be stable, with no evidence of active soil erosion. 7.12 Y All excavations will be backfilled within 6 months of their completion. 7.13 Y All water bores will be decommissioned unless otherwise agreed in writing by the land holder or appropriate third party. 7.14 Y All rubbish and infrastructure will be removed from site. 7.15 Y Topsoil will be replaced and vegetation re-established. 7.16 Y Contaminated soils (e.g. hydrocarbon or hazardous chemicals) will be rehabilitated or removed from site. 7.17 Y Monitoring will be undertaken following the wet season or a significant rainfall event. 					
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or removed from site.	7.15	Y	Topsoil will be replaced and vegetation re-established.		
7.17 Y Monitoring will be undertaken following the wet season or a significant rainfall event.	7.16	Y			
	7.17	Y	Monitoring will be undertaken following the wet season or a significant rainfall event.		

Justification and alternative management measures:

Section 8 – Required Attachments

8.1	Υ	Initial Application for Authorisation or variation of Authorisation (only if details on the form have subsequently changed) (Appendix 1)			
8.2	N	Nomination of Operator Form, where required			
8.3	Y	Security Calculation Spreadsheet (Appendix 5).			
8.4	N/A	Evidence of Land Access Agreement if operating on an Exploration Licence (EL) on Pastoral Lease (e.g. two-ways exchange of email)			
8.5	N/A	Disturbance tracking spreadsheet (for existing Authorisations)			
8.6	Y	Spreadsheet with coordinates of proposed drill holes or polygons of target areas (spatial data folder)			
8.7	Y	KML/shape files/track logs of proposed tracks, camp sites and proposed drill holes or polygons of target areas (spatial data folder)			
8.8	Υ	Map(s) of the work area(s) showing:			
		1. title boundaries and title numbers (Y – see Figure 1)			
		2. current and proposed drill holes, or polygons of target areas (Y – see Figure 2)			
		3. current and proposed tracks (n/a)			
		4. rehabilitated areas (n/a)			
		5. camp sites (n/a)			
		6. heritage sites or significant environmental areas (Y – see Figure 2 and Figure 3)			
		7. environmental constraints (Y – see Figure 2)			
8.10	N/A	Radiation Management Plan (if applicable) - n/a			
8.12	Υ	Document(s) being appended in relation to Section 2:			
		Appendix 2: Environmental Risk Assessment			
		Appendix 3: Desktop Ecological Assessment EL31774 (Including Appendix A. EPBC Protected Matters Search Report and Appendix B. Threatened Species			
		Likelihood of Occurrence Assessment)			
		Appendix 4: AAPA Abstract of Records			

Section 9 - Declaration

The Mining Management Plan must be endorsed by a senior representative of the company who has the appropriate level of authority to do so.

	Author	Reviewed by	Approved by
Date	04/11/2022	04/11/2022	04/11/2022
Name	EcOz Environmental Consulting Pty Ltd	Tal Paneth	Peter Marks
Signature	S Barken	Par	Qual

I, (Name, Position) declare that I have the authority to make the commitments contained in this mining management plan on behalf of the company. To the best of my knowledge the information contained in this plan is true and correct and commit to undertake the works in accordance with the agreed minimum standards and all relevant Northern Territory and Commonwealth Government legislation.

SIGNATURE:

TAL PANETH

PETER MARKS

DATE:

04/11/22

04/11/22