Section 1 – Project Details

Project Name Provide new or existing project name	New: Hyperion Project

Authorisation Number Insert existing authorisation number, where applicable	DML 1174-01

Operator Name Use ASIC-ABR registered name (if a company), or name of the applicant	Prodigy Gold NL
Operator ABN and ACN numbers	ACN 009 127 020

Location and Access Details Include brief description of the location, access details, and distance to nearest town or community	Prodigy's Hyperion Project is located 400km west of Tennant Creek and 300 km southeast of Halls Creek. The Tanami Road is the main access route through the area. The Hyperion project is accessed from the Tanami Road via the Lajamanu Road and various access tracks established by previous explorers and pastoral landowners.

Target Commodity Details Include target mineral commodities (i.e. gold, copper etc.)	Gold

Mining Activities Summarise the mining activities (exploration) to be the subject of the proposed Authorisation or Variation. Drilling programs over a maximum of four years are supported and encouraged and can be staged. Please refer to the guidelines for further information.	This Exploration MMP (updated) details Prodigy Gold NL exploration activities for the new proposed Hyperion Project for (EL's 9250, 27125, & 27979). This Exploration MMP includes the EL's security calculation and the Hyperion Project application for authorisation. **Background/Context**: Prodigy Gold's security previously approved under 0820-01 (Tanami Project), requires EL's 9250, 27125, and 27979 to be removed and placed under a new project called the 'Hyperion Project'. This means that all the activities in relation to the above mentioned EL's are proposed to be separated from the Tanami Project and placed into the new Hyperion Project authorisation. New works are also included in the exploration MMP. Details of the proposed Hyperion Project are covered in this new application and includes: • the Hyperion Project approved 2021 drilling programme; • additional exploration applications for 50 RC/RCD holes and 10 costeans at the Hyperion project (EL9250); • updated reporting of exploration works completed in 2023; • the revised security held for EL's 9250, 27125, and 27979 includes an amount split from 0820-01 (Appendix B); • Application for Authorization (Appendix C) for EL's 9250, 27125, and 27979; and • Nominator of Operator form for EL9250. Activities for the upcoming period, Prodigy Gold will continue its rehabilitation of tracks and drill holes that remain outstanding. It will also complete the drilling program that was approved in the 2021 Exploration MP. Prodigy Gold also applying to include 10 costeans as part of its works program for 2024.

Proposed Schedule Include start and finish dates of ground disturbing work	2024 field season – April to November pending access after wet season rains

A.1 Mining Interest and Land Ownership

Table 1 lists tenements that will make up the new Hyperion Project under a new Authorisation.

Table 1 Tenements to be placed under a new authorisation call 'Hyperion Project'

Title Number	Title Holder	Expiry Date	Underlying Property Name or Land Holder	Project
EL27125	Prodigy Gold NL	06/09/2024	Central Desert ALT	Hyperion Project
EL9250	Australian Tenement Holdings Pty Ltd	02/10/2024	Central Desert ALT	Hyperion Project
EL27979	Prodigy Gold NL	02/01/2026	Central Desert ALT	Hyperion Project

A.2 Organisational Structure

Position Title	Name
Managing Director	Mark Edwards
Project Manager	Gary Ferris
Executive Assistant and Tenement manager	Amanda Schwartz
Environmental Consultant	Sally Horsnell

Section 2 – Operator Self-Assessment of the Environmental Risk

A.3 Environmental considerations

ASSESSMENT ASPECT	YES or NO	ACTIONS REQUIRED (if answered YES)	APPENDED INFORMATION (e.g. evidence of consultation with DEPWS and/or management plan where required).
Step 1: Are there any threatened flora and fauna species or habitats of significance that may occur in the proposed work area?	No		Biodiversity management plan is being used to confirm any protected flora or fauna. While nothing in close proximity to project area details of protected species in the Tanami Region are in the Management plan so if see the processed to protect is understood.
Step 2: Are there any known declared weeds within the proposed work area?	No		Weed management plan has been developed and is included in the Prodigy Gold EMS. This will be followed as required for all exploration activities included in this MMP.

ASSESSMENT ASPECT	YES or NO	ACTIONS REQUIRED (if answered YES)	APPENDED INFORMATION (e.g. evidence of consultation with DEPWS and/or management plan where required).
Step 3: Will you be using water from bores or other sources for the operation?	Yes	Currently unsure if action is required but Prodigy Gold will work with Water Resources department to determine if an extraction license is required for exploration works and will complete only if required under the current Water Act	Prodigy Gold will access water from bores located near the Tregony camp, usage will be only required for diamond drilling at a maximum rate of around 5,000 litres per shift. Under this current plan, only limited diamond drilling will be completed for the coming year. The majority of holes planned are either RC or RAB/AC. Prodigy Gold has approval to access water at the bore from the Suplejack Station owner and manager. This can be confirmed in the water license application process under Stakeholder engagement if license is required.

A.4 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	-
Step 5: Are there Aboriginal sacred sites in the Project area?	No	No sites identified from Central Land Council (CLC) Sacred Site Clearance Certificate (SSCC) within areas subject to proposed drilling. An SSCC has been obtained (2019-112) for EL9250 and EL27979 of the Hyperion Project. There is no SSCC for EL27125 however there is no drilling planned on this EL. The SSCC is currently being updated and an application is in place with the CLC for assessment and approval. An updated AAPA certificate has also been requested
Step 6: Are there archaeological and heritage sites in the Project area?	No	Prodigy Gold is following the requirements of the Archaeology and Heritage Management Plan (AHMP) and has requested a review of the project area. Prodigy Gold commits to not disturbing any areas of significance that are noted in the project area. A review of the publicly available heritage register has not shown any areas of significance in the area

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 have amendments made since the previous MMP submission clearly identified.

Section	Amendment

Section 4 –Activities Proposed for this MMP

Mining Interests (i.e. titles)	EL9250
Number and type of proposed exploration drill holes	50 RC/DD/RCD
Maximum depth of proposed holes (m)	500
Number and size of drill pads to be cleared (Length: 20m x Width: 30m)	50 (20m x 30m)
Total area of drill pads to be cleared (ha)	3.0
Number of proposed water bores	Nil
Is drilling likely to encounter groundwater in multiple or confined aquifers? (Y, N, unsure) If answering yes, please provide the number of exploration holes where this is likely to occur	Y (unsure of number but all holes will be set up in case water is intersected)
Number of costeans	10 (7 @ 50m length and 3 @ 25m length)
Volume to backfill costeans (Length: m x Width: m x Depth: m)	7 costeans @ 50m length x 1m wide x 1.5m deep 3 costeans @ 25m length x 1m wide x 1.5m deep Area calculated at 0.13Ha Volume at 650m^3
Number of bulk sample pits	Nil
Volume to backfill bulk sample pits (Length: m x Width: m x Depth: m)	Nil
Bulk sample pits approved under *Mineral Titles Act*? (Y or N). If Yes provide approval	Nil
Line/track clearing: (length m x width m)	No new tracks
Area of proposed line/track clearing (ha)	Nil
Camp area to be cleared (ha)	Nil
Camp Infrastructure (i.e. demountable, tents) Please provide a complete list with measurements as required in the security calculation	Caravan tents if required or Tregony camp on EL31331
Other	-
Total area of disturbance (ha)	3.13Ha

Staging approach based on disturbance can be proposed and will be considered by the Department.

Section 5 – Existing Approved Disturbance (for existing Authorisations only)

This is a new authorisation so existing disturbances have been included in tracking spreadsheet with section 4 above only outlining what is being proposed for under this new authorisation. It must be noted while this is a new authorisation, the drilling outlined in the tracking spreadsheet is existing but was completed under authorisation A0820-01.

Section 6 – Environmental Management

By checking these shaded 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	✓	Blade-up approach for clearing will be used (i.e. no windrows, leave root stock and topsoil)
6.2	✓	Significant vegetation will be avoided during clearing (i.e. large trees, specimens providing habitat or food sources, riparian vegetation, and threatened species)
6.3	✓	Vegetation clearing during, and immediately after rainfall events, will be avoided
6.4	✓	Vegetation clearing will be kept to the minimum required to safely traverse vehicles and drill rigs along tracks and drill pads
6.5	✓	Where blade-up techniques cannot be employed, topsoil and vegetation will be stockpiled appropriately for rehabilitation purposes
6.6	✓	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	✗	Sumps will be lined or tanks of appropriate size to contain water, sediment and drilling fluids encountered during drilling, will be used
6.8	✓	Sumps, drill holes, and fuel stores will be located away from environmentally significant areas and water courses
6.9	✓	Excavations (sumps, costeans and pits) will be appropriately ramped to allow fauna egress
6.10	✓	Drill holes will be securely capped immediately after drilling
6.11	✓	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	✓	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	✓	Hazardous substances (including hydrocarbons) will be stored and handled in accordance with relevant Australian Standards
6.14	✓	Hydrocarbons will be stored in lined and bunded areas
6.15	✓	Waste will be stored securely while on-site to minimise windblown rubbish and access by feral animals

6.16	✓	Waste will be removed off-site and disposed of at an appropriate waste management facility
6.17	✓	All environmental incidents will be reported to the Department in accordance with Section 29 of the *Mining Management Act.*
6.18	✓	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	✓	Radioactive/NORM drill cuttings will be managed to avoid radiation related issues on site.
6.20	✓	Dust management will be implemented on site.

Justification and alternative management measures:

6.7 Sumps for RC and AC (if required) will not be lined. RC sumps will be used to control groundwater discharge. Lining RC sumps is not practical as not all RC holes will intersect water and using a liner restricts water dispersal to evaporation only slowing down the remediation process. DD holes will be lined as it important to contain and recycle drilling water and contain drilling fluids and cuttings.

Section 7 – Rehabilitation and Closure

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

A refund of security related to completed rehabilitation on site requires the submission of a rehabilitation report including photographs, an updated security calculation and updated disturbance tracking spreadsheet to the Department.

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

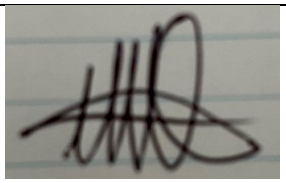
Justification and alternative management measures:

7.7 PRX will use existing tracks in which no new tracks will be established. PRX will liaise with the CLC/Traditional Owners to determine if tracks are to be retained otherwise, they will be rehabilitated as per rehabilitation standards.

Section 9 – Required Attachments

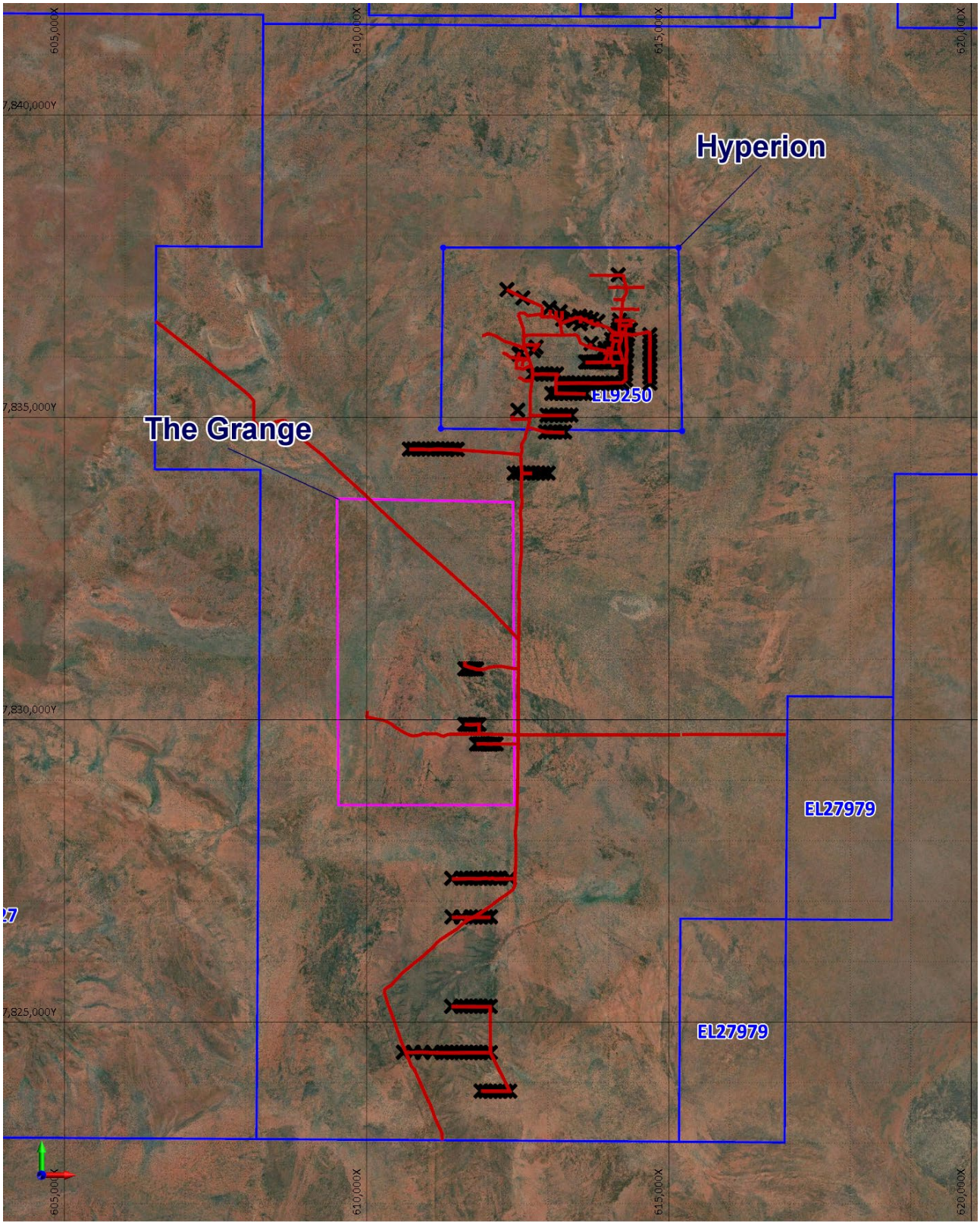
8.1	✓	Initial Application for Authorisation or variation of Authorisation (only if details on the form have subsequently changed).
8.2	✓	Nomination of Operator Form, where required
8.3	✓	Security Calculation Spreadsheet
8.4	NA	Evidence of Land Access Agreement if operating on an Exploration Licence (EL) on Pastoral Lease (e.g. two-ways exchange of email)
8.5	✓	Disturbance tracking spreadsheet (for existing Authorisations)
8.6	✓	Spreadsheet with coordinates of proposed drill holes or polygons of target areas
8.7	✓	KML/shape files/track logs of proposed tracks, camp sites and proposed drill holes or polygons of target areas
8.8	✓	Map(s) of the work area(s) showing: 1. title boundaries and title numbers 2. current and proposed drill holes, or polygons of target areas 3. current and proposed tracks 4. rehabilitated areas 5. camp sites 6. heritage sites or significant environmental areas 7. environmental constraints
8.10	NA	Radiation Management Plan (if applicable)
8.12	✓	Document(s) being appended in relation to Section 2 (if any): - Appendix A – Disturbance Tracking Spreadsheet - Appendix B – Security Calculation

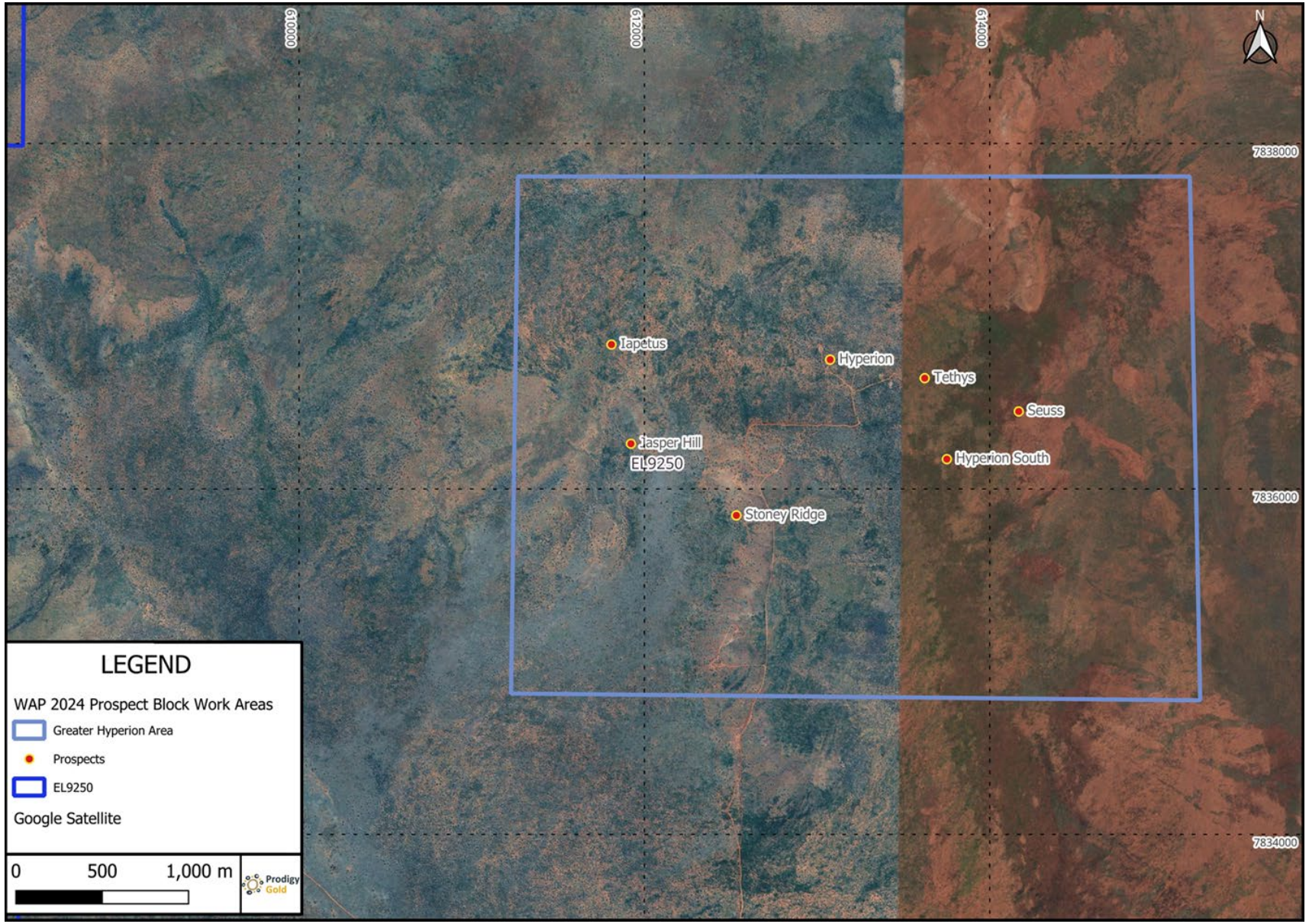
Section 10 –Declaration

	Author	Reviewed by	Approved by
Date	2/05/2024	2/05/2024	2/05/2024
Name	Mark Edwards	Gary Ferris	Mark Edwards
Signature			

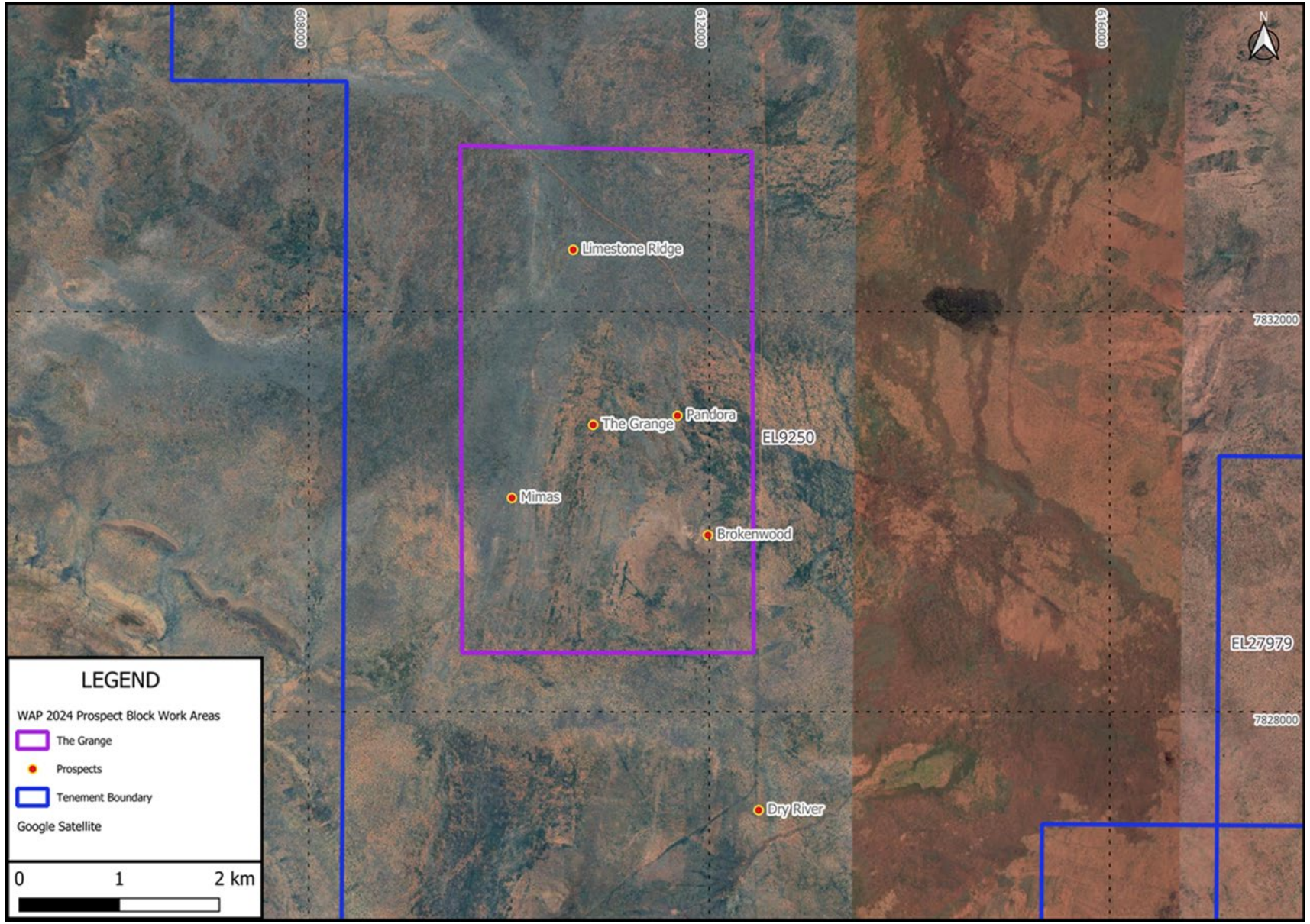
I Mark Edwards, Managing Director, declare that I have the authority to make the commitments contained in this exploration management plan on behalf of the company. To the best of my knowledge the information contained in this plan is true and correct and commit to undertake the works in accordance with the agreed minimum standards and all relevant Northern Territory and Commonwealth legislation.

Map Showing Project locations





Prodigy Gold



Prodigy Gold