

TO: Department of Water and Environmental Regulation

SUBJECT: Supporting Information for Licence Amendment Application (L9242/2020/1)
– Golden Cities Operation

DATE: 21 April 2025

To whom it may concern

Norton Gold Fields owns and operates the Golden Cities operation and requests a licence amendment to L9242/2020/1 to add the Category 5 activity and amend the Category 12 activity location. Additionally, this amendment requests the rectification of an incorrect tenement previously indicated on the licence.

This amendment also shares information about an ore sorting machine to be connected to the existing crushing and screening plant.

The approved prescribed premises categories and nominated production/design capacity will remain as indicated on the current licence.

Should you have any questions associated with this Licence Amendment, [REDACTED]
[REDACTED] [REDACTED] [REDACTED] [REDACTED] [REDACTED] [REDACTED] [REDACTED] [REDACTED] [REDACTED] [REDACTED]
[REDACTED]

Kind regards,

[REDACTED]

Paddington Gold Pty Limited

Norton Gold Fields Pty Ltd

Supporting Information for Licence (L9242/2020/1)
Amendment to add Category 5 and modify
Category 12 activity location.

Authorised Representative:

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1. APPLICANT DETAILS

Paddington Gold Pty Limited is a wholly-owned subsidiary of Norton Gold Fields Pty Ltd (Norton). Norton owns and operates the Golden Cities Operation.

Proof of Occupier Status (Attachment 1A)

The tenements associated with the Golden Cities operation are owned and operated by Norton. Please refer to Appendix A - Proof of Occupier Status for summary reports on mining tenements associated with the amendment.

Norton notes that there is an incorrect tenement previously indicated on L9242/2020/1, which mentions tenement L24/288. This tenement does not exist. Please rectify the licence to reflect the correct tenement L24/228.

ASIC Company Extract (Attachment 1B)

Please refer to Appendix B - ASIC Company Extract.

2. PREMISES DETAILS (Attachment 2)

Norton operates Golden Cities under licence L9242/2020/1. The operation is located approximately 36km north of the City of Kalgoorlie-Boulder, within the Goldfields region of Western Australia. The operation is approximately 6km north of the Norton owned and operated Paddington Gold Mill.

The Golden Cities operation comprises eight mining leases and two miscellaneous licences, as detailed in Table 1 and Figure 1. **Error! Reference source not found..**

Table 1 - Tenements associated with Golden Cities.

Tenements	Holder	Expiry Date
L24/228	Norton Gold Fields Pty Ltd	14/11/2039
L24/231	Norton Gold Fields Pty Ltd	14/11/2039
M24/188	Paddington Gold Pty Limited	28/03/2030
M24/251	Norton Gold Fields Pty Ltd	24/11/2030
M24/425	Paddington Gold Pty Limited	21/12/2036
M24/557	Paddington Gold Pty Limited	23/10/2039
M24/564	Paddington Gold Pty Limited	03/11/2039
M24/565	Paddington Gold Pty Limited	03/11/2039
M24/616	Paddington Gold Pty Limited	18/02/2040
M27/185	Norton Gold Fields Pty Ltd	17/01/2037

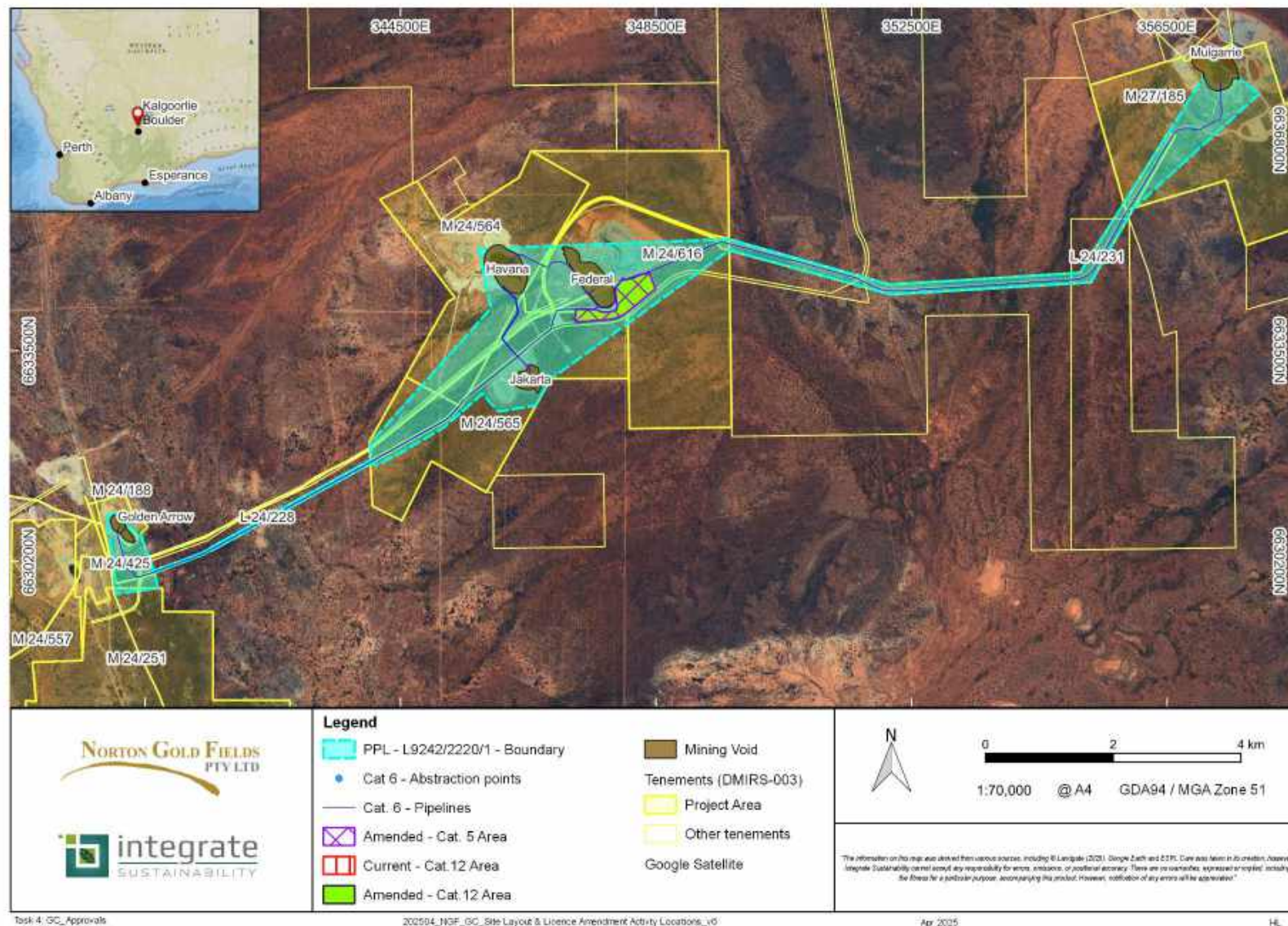


Figure 1 - Prescribed premises boundary and associated tenements.

3. PROPOSED ACTIVITIES (Attachment 3B)

The Prescribed Premises Licence (L9242/2020/1) associated with the Golden Cities operation is approved for the categories outlined in Table 2. The approved prescribed premises categories and assessed production/design capacity will remain unchanged by this licence amendment application. This licence amendment will involve the addition of Category 5 and the modification of the Category 12 activity location. The proposed addition of Cat.5 would be limited to a design capacity of 1,000,000 tonnes annually (same as Cat.12). No changes are proposed to Cat 6.

Table 2 - Prescribed premises approved categories.

Prescribed premises category description (Schedule 1, Environmental Protection Regulations 1987)	Assessed production/design capacity
Category 6: Mine dewatering	7,000,000 kL per annual period
Category 12: Crushing and Screening	1,000,000 tonnes per annual period
Proposed amendment	
Category 5: Processing and Beneficiation	1,000,000 tonnes per annual period

The proposed addition of Cat.5 activities would provide Norton with greater operational flexibility and cost savings, in addition to authorising the mobile crushing and screening circuit to be operated under both categories (Cat.5 and Cat.12). Currently, the equipment is used to produce road base, and road surfacing under Cat.12. Adding the ore sorting unit under Cat.5 would also allow the mobile crushing plant to be used for ore sorting capabilities. No changes are planned for the crushing and screening equipment or throughput.

The proposed Cat.5 addition and amended Cat.12 activity locations categories will have identical activity locations in tenements M24/565 and M24/616, as detailed in Table 3 and Figure 2. Norton believes the proposed amendment does not alter the environmental risk associated with the proposed activities, given that the crushing and screening plant design capacity will remain the same (1Mtpa), the material being treated is from the same source, and the ore sorting unit to be installed is self-contained and will not produce additional emissions compared to what is already authorised.

Table 3 - Cat.5 and Cat.12 activity location coordinates.

Activity Location Coordinates – GDA94 - Zone 51								
Category 5: Processing and Beneficiation								
Category 12: Crushing and Screening								
ID	Easting	Northing	ID	Easting	Northing	ID	Easting	Northing
1	347590.62	6634142.22	10	347859.94	6634478.80	19	348034.92	6634090.35
2	347599.96	6634127.04	11	347985.33	6634636.82	20	347980.81	6634055.83
3	347639.51	6634109.98	12	347996.25	6634635.34	21	347857.23	6634005.01
4	347741.17	6634106.03	13	347999.14	6634613.67	22	347776.79	6633990.67
5	347818.23	6634117.88	14	348055.21	6634623.11	23	347560.27	6633973.16
6	347883.50	6634141.32	15	348277.04	6634700.34	24	347236.16	6633947.67
7	347892.19	6634161.65	16	348311.29	6634697.03	25	347242.93	6634148.49
8	347881.88	6634285.71	17	348391.06	6634728.61			
9	347877.49	6634297.93	18	348495.02	6634467.05			



Figure 2 - PPL boundary and Cat 12 current and amended areas

Addition of Category 5 to allow ore sorting.

This licence amendment includes the addition of prescribed premises Cat.5 to allow the ore sorting of material on-site. The sorted material of economic value will be transported to Paddington Mill for processing. The uneconomical material will remain on-site and continue to be used to produce road base and road surfacing on the premises.

It is important to mention that the material to be handled under Cat. 5 and Cat.12 remains the same (mineralised waste/waste rock) and will be done using the currently authorised crushing and screening plant without altering its design capacity (1Mtpa). The proposed amendment is motivated by the belief that adding accurate sorting equipment would separate processable gold-bearing material from no-gold-bearing material. Reducing the carbon footprint by avoiding transporting no-gold-bearing material to Paddington Mill.

The proposed ore sorting equipment is a self-contained unit that includes an X-Ray Transmission sensor (XRT) and colour camera to identify and separate the material of economic value from the waste rock (Figure 3).



Figure 3- XRT Sorter (Merlyn Consulting, 2016).

A belt feed or chute will connect the existing mobile crusher/screener to the ore sorting unit. Once inside the machine, the XRT sensor and colour camera detect high-grade ore, and compressed air jets physically separate the high-grade ore from the waste rock.

Norton believes that given that the ore sorting equipment is self-contained, the sorting process is expected to generate noise and dust at similar or lower levels to the currently licenced mobile crushing plant. For those reasons, the additional equipment is believed not to increase the environmental risk associated with the activities. That being said, management actions to mitigate risks currently in place to manage the mobile crushing and screening plant will also applied to the ore sorting equipment.

Proposed new location for the mobile crushing circuit.

Norton proposes to amend the licence to provide operational flexibility for the mobile crushing circuit by expanding the Cat 12 activity area. The expanded location includes the current authorised area and the existing cleared area currently used for a ROM within the prescribed premises boundary, as shown in Table 3 and Figure 2.

The proposed Cat 5 activity location is the same as the amended Cat 12. This activity location overlap provides Norton greater operational flexibility, given that the handled material and equipment are common to both categories.

4. OTHER EP ACT APPROVALS (Attachment 5)

Work Approval (W6717/2022/1)

Norton holds a current Works Approval (W6717/2022/1) with an expiry date of 16/12/2027 for constructing a dewatering infrastructure connecting Golden Arrow Pit to existing dewatering infrastructure.

Work Approval (W2886/2025/1)

Norton holds a current Works Approval (W2886/2025/1) with an expiry date of 09/03/2028 for constructing a dewatering pipeline connecting Victory Pit to existing dewatering infrastructure.

5. CONSULTATION (Attachment 5)

Stakeholder Consultation

Norton has not done any specific stakeholder consultation for this licence amendment as it is part of previous disturbed activities. However, Broad Arrow town is located 400m from the prescribed premises boundary and consultation with the City of Kalgoorlie-Boulder will happen in due course.

6. APPLICANT HISTORY

Norton nor its directors or management team have been charged, convicted, paid a penalty for an offence or had a licence/ work approval suspended or revoked.

7. EMISSIONS, DISCHARGES AND WASTE

Norton acknowledges that Category 12 activities emit dust and noise, all of which are currently licenced. Additionally, Norton believes adding Cat.5 will not impact authorised emissions, discharges, or waste, given that the ore sorting activities are expected to generate noise and dust at similar or lower levels to the currently licenced mobile crushing plant.

8. SITING AND LOCATION

This amendment application will not impact the siting and location for sensitive land uses and nearby environmentally sensitive receptors and aspects.

