

ADDITIONAL INFORMATION DOCUMENT TO SUPPORT REQUEST FOR ENVIRONMENTAL AUTHORITY APPLICATION

Tenement: ML 100463 – Pot Luck 2

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1. Background

Brendan Hardy is the sole applicant for Mining Lease Application (MLA) 100463 – Pot Luck 2. The proposed mining lease covers approximately 41.54 hectares of bush country within the Blair Athol State Forest, located approximately 22 km northwest of Clermont in central-western Queensland. The lease lies within the Bowen Basin and targets alluvial gold within an old riverbed system. Prospecting has identified payable gold occurrences. The MLA lies wholly within EPM 25484 (Brigalow Mining Group Pty Ltd) with formal consent.

The Pot Luck 2 MLA is located within the Blair Athol State Forest, which is a Category C Environmentally Sensitive Area (ESA) under the Environmental Protection (EP) Regulation 2019. Mining in Category C areas is permitted under a standard or variation EA, subject to consultation with the Department of Environment, Tourism, Science and Innovation (DETSI). The applicant acknowledges this requirement. This document has been prepared to provide relevant information to DETSI to assist with this required consultation process. It is understood that DETSI will confirm prior to the EA decision whether any additional site-specific conditions will apply to manage potential impacts within the State Forrest area.

2. Method of Operations

The operation is a small-scale alluvial gold extraction project with minimal workforce and infrastructure requirements. Gold will be located with handheld metal detectors, and excavation will be conducted in thin strips (150 mm), progressively backfilled after reaching expected maximum depths of 3–5 m. Material with fine gold will be processed through a small alluvial wash plant when water is available. Operations are expected to move approximately 900,000 tonnes over 15 years with two full-time workers and one excavator.

Timeline:

- Year 1 – Approvals and setup
- Years 2–13 – Mining
- Years 14–15 – Rehabilitation and surrender

3. Proposed Amendment Request

While the project generally meets the Eligibility Criteria for a standard EA, its location within a Category C ESA (Blair Athol State Forest) necessitates consultation with DETSI. The applicant requests that any additional conditions applying to mining within State Forest area be incorporated into the requested standard/variation EA. Should DETSI recommend any reasonable additional conditions or restrictions, these will be accepted and implemented. No other variations to the standard conditions are sought at this stage.

4. Impacts to Environmental Values

4.1 Water

Semi-arid setting with ephemeral creeks. Sediment control structures will be used. No mine-affected water will be released to natural streams. Wash plant operation will depend on rainfall.

4.2 Groundwater

Shallow mining to a maximum depth of 5m is expected. As the maximum depth of excavations is above the groundwater level in the area no adverse impacts to groundwater expected as a result of the proposed mining operations.

4.3 Wetlands

No mapped wetlands occur within the lease. As such, no adverse groundwater impacts are expected.

4.4 Land

The lease area occurs within Blair Athol State Forest, a Category C ESA. Where possible, operations will be undertaken such that the removal of mature trees will be avoided. The mine excavation area will be limited to a series of small shallow pits where progressive rehabilitation will be conducted such that one pit is progressively rehabilitated while the current pit is operated. As a result, it is expected that the maximum area of disturbance at any one time should be limited to under 4 Ha as the size of each pit should be limited to 1 Ha. Consultation with DETSI will confirm whether additional measures are required to the impact of the overlaying State Forest area. This may include specific rehabilitation targets, vegetation monitoring, or limits on clearing.

4.4a MSES Findings

A recent Matters of State Environmental Significance (MSES) assessment (DETSI, 2025) identified a minor area of regulated vegetation associated with an intersecting watercourse (approximately 0.9 Ha). This vegetation occurs along the existing drainage corridor within Blair Athol State Forest and will not be impacted by proposed operations. No other MSES values were identified within the lease area.

4.5 Air

Dust generation will be minimal due to small scale and limited disturbance area. Regardless, appropriate dust suppression measures will be implemented. As such, the potential impact for adverse dust generation is considered to be low.

4.6 Acoustic

Noise limited to a single medium size excavator and wash plant. The operation is remote from any nearby noise sensitive receptors. Operations will be limited to daylight hours. Nearest residences are several kilometres away. As such the potential impact to noise values is deemed to be low.

4.7 Waste

The proposed operations will produce minimal quantities of domestic waste. This waste will be disposed of at an approved municipal waste facility.

5. Conclusion

The Pot Luck 2 project is a small-scale, low-impact alluvial gold mining operation. Disturbance is expected to be less than 5Ha at any time. Only two small pits (cells) are

expected to be disturbed at any one time. Each cell should not exceed 1Ha. One will be operated while the other is progressively rehabilitated. The total workforce is not expected to increase above 2 persons.

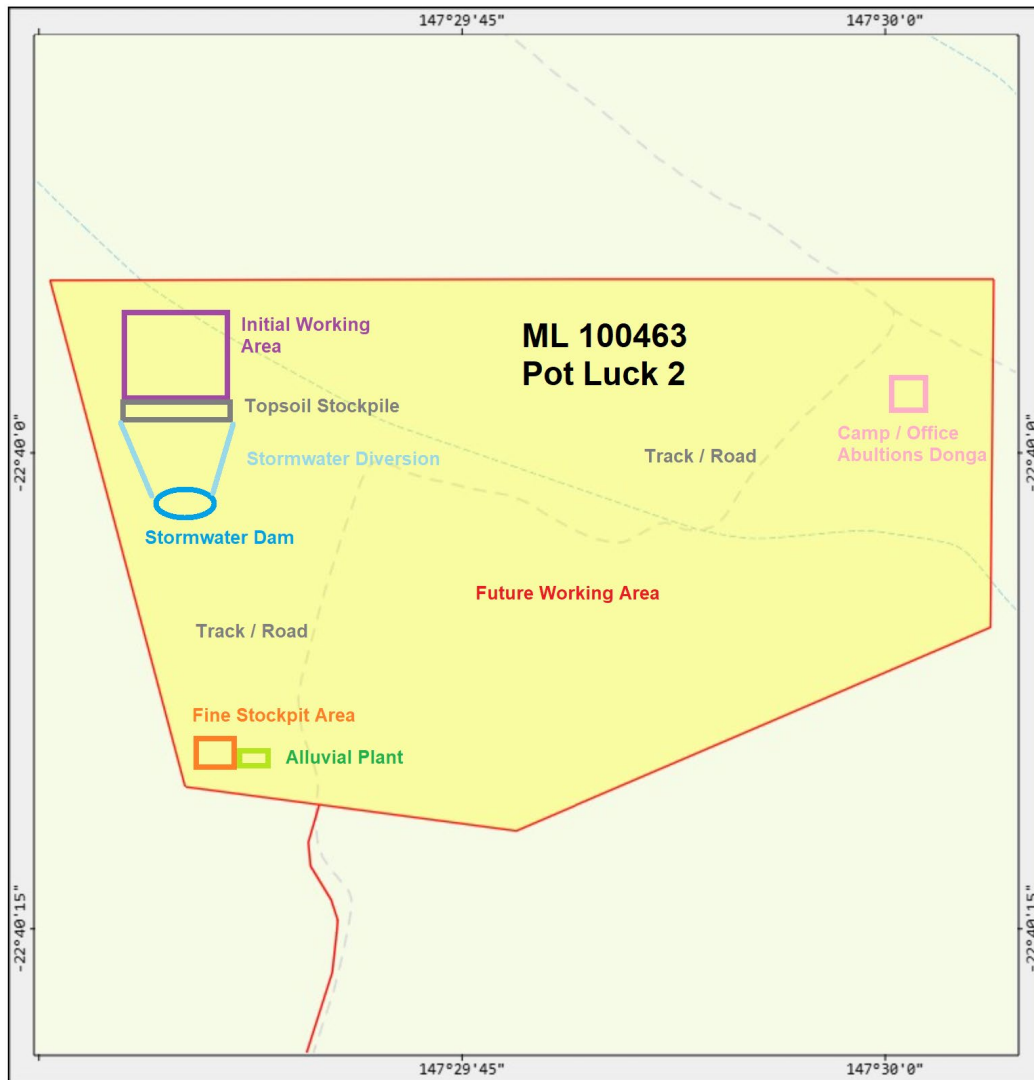
The applicant recognises that the lease area's inclusion in a Category C ESA, which triggers consultation with DETSI. The project remains low-impact and consistent with small-scale, low-disturbance gold mining activities typically approved within State Forests under the EP Act framework. Any reasonable additional conditions recommended by DETSI will be incorporated into the final EA.

Figures

Figure 1 – Access to ML 100463 Pot Luck 2



Figure 2 – Site Plan – ML 100463 Pot Luck 2



6. Appendices

Appendix A – Environmentally Sensitive Area (ESA) Map

Map showing the extent of the Blair Athol State Forest (Category C ESA) in relation to ML 100463 – Pot Luck 2. This map illustrates the State Forest boundary and confirms that the proposed lease area lies entirely within the Category C ESA boundary.

Appendix B – Matters of State Environmental Significance (MSES) Report

MSES desktop assessment identifying a minor area of regulated vegetation associated with an intersecting watercourse (approximately 0.9 km). No other MSES values were identified. The full report is attached for reference.