Queensland Government

# Application for Mining Lease

*Mineral Resources Act 1989*

Form MMOL-14 Version 7

## Permit Application (ID: 10013290) - COMPLETE

**Lodged On:** 30/01/2026 04:27 PM

### PERMIT DETAILS

| | |
|---|---|
| **Permit name:** | Gavin Frost and Peter Smith |
| **Permit type:** | Mining Lease - Eluvial, colluvial and alluvial gold, silver and tin |
| **Permit term:** | 10 Years |
| **Permit subtype:** | Eluvial, colluvial and alluvial gold, silver and tin |
| **General locality of the application:** | 4km South of Clermont |
| **Specific minerals:** | Gold |
| **Specific infrastructures:** | Workshop / machinery / storage |

## PERMIT HOLDER DETAILS

| Client name | Percent holding | Authorised |
|---|---|---|
| SMITH Peter David | 50.000000000000 | No |
| FROST Gavin Ronald | 50.000000000000 | Yes |

**Holder address details:**

| | | | |
|---|---|---|---|
| **Holder:** | FROST Gavin Ronald | **Address:** | 3 Lester Court |
| **ACN:** | | **Town/City:** | Clermont |
| **Email address:** | | **State:** | QLD |
| **Business number:** | [redacted] | **Postcode:** | 4721 |
| **Mobile number:** | | **Country:** | Australia |

| | | | |
|---|---|---|---|
| **Holder:** | SMITH Peter David | **Address:** | 11 Carina Crescent |
| **ACN:** | | **Town/City:** | Clermont |
| **Email address:** | | **State:** | QLD |
| **Business number:** | [redacted] | **Postcode:** | 4721 |
| **Mobile number:** | | **Country:** | Australia |

**Applicant or associate disqualified:** No

**Authorised Holder Representative (AHR) address details:**

| | | | |
|---|---|---|---|
| **Name:** | Nicolas von Alvensleben | **Address:** | 18 Hibiscus Street |
| | | **Town/City:** | Cranbrook |
| **Email address:** | [redacted] | **State:** | QLD |
| **Business number:** | | **Postcode:** | 4814 |
| **Mobile number:** | | **Country:** | Australia |

## PERMIT AREA

| | |
|---|---|
| **Size of area applied for (ha):** | 208.2600 |
| **Size of surface area applied for (ha):** | 208.2600 |
| **Local government area(s):** | Isaac Regional Council, Isaac Regional Council |
| **Has a datum post been inserted?** | No |
| **Datum post standard used:** | GDA2020 |
| **Provide coordinates for the datum post:** | -22.860845,147.64383 |
| **Is surface area within the permit area required?** | Whole. |
| **Provide the name of the dedicated road:** | McDonald Flat Road |

## LAND INFORMATION DETAILS

| | |
|---|---|
| **Does this application involve the surrender of a granted permit in favour of whole or part of this application?** | No |
| **Is there any restricted land associated with this permit application?** | No |
| **Is the lease area within the surface of reserve?** | No |
| **Is the land applied for situated within an area of a greenhouse gas (GHG) permit?** | No |

**Overlapping permits**

| Permit number | Holder | Status |
|---|---|---|
| EPC 1241 | VITRINITE PTY LTD | GRAN |
| EPC 27367 | VITRINITE PTY LTD | GRAN |

**Constrained lands**

| Type | Brief definition | Details of constraint |
|---|---|---|
| Endangered Regional Ecosystems | Where the application overlaps with a regional ecosystem that is endangered, additional requirements for the Environmental Authority may be required. Remnant 2019 regional ecosystems are vegetation communities in a bioregion that are consistently associated with a particular combination of geology, landform and soil. | For more information please contact the Queensland Herbarium, Department of Environment and Science, Brisbane Botanic Gardens. |
| Restricted Area 391 | Restricted Areas are areas of land that have varying conditions and restrictions placed over them. The restrictions vary according to areas, but relate primarily to the nature and type of Mining or Geothermal activity which may be undertaken in this area. | The restriction on the Clermont area is that all coal exploration and mining tenements applications under the Minerals Resources Act 1989 are prohibited. |
| RVM category A - vegetation offsets | This layer provides information about vegetation management activities within Queensland for landholders. | For more information please contact Department of Environment and Science. |
| Strategic Cropping-Criteria Sub-Zone | The sub-zones for strategic cropping land mitigation rates is the map that identifies subzones that define relevant SCL mitigation rates for areas as specified in the RPIR. | Land that is parts of a criteria zone under the Strategic Cropping Land Act 2011. |
| Strategic Cropping-Criteria Trigger Area | This is an area which falls within the identified SCL zone where potential cropping land exists, but may not have been identified as cropping land to date. This area may require a site inspection to determine its status as SCL. | Land that falls with the SCL Trigger Map indicates the location of potential SCL in Queensland. However, it is the on-ground assessment against the SCL criteria that will define SCL at a site level |
| Strategic Cropping-Criteria Zone | This land has been identified as having a majority of a particular crop, but may include sub-zones | Land that, under the SCL Act is defined as a zone, each zone may have a sub zone. |

**Unavailable land**

| Type | Brief definition | Details of constraint |
|---|---|---|
| Moratorium Period Current | This land will be unavailable for 2 months after the expiry of the previous exploration permit, or the abandonment of a previous exploration permit application. This land will be made available on the first business day of the month following the end of the 2 calendar month period. | Mineral Resources Act 1989, for more information please contact the Department of Resources. |

**Land details**

| Description | Proposed usage | Current usage | Compensation required? |
|---|---|---|---|
| Lot 13 on plan CLM156 - Lands lease | Access | Other | No |
| Lot 13 on plan CLM156 - Lands lease | Permit | Other | No |
| on plan 4.3748006E7 - Road reserve | Access | Transport | No |

## NATIVE TITLE

| | |
|---|---|
| **Native title process:** | Exclusive Land (100%) |
| **I confirm that when a full assessment is completed, if native title must be addressed, a native title process will be required and advertising fees will be requested by the department:** | Yes |
| **Determined native title claim:** | No |

## OBLIGATIONS

**As the authorised holder representative, I understand and agree to the obligations associated with the permit: Yes**

## PAYMENT DETAILS

| Fee type | Details | Amount ($) |
|---|---|---|
| APPMLECAGECAT | Mining Lease - Eluvial, colluvial and alluvial gold, silver and tin | 930.50 |
| | **Total Fee:** | 930.50 |

## UPLOADED DOCUMENTS

| Section | File name | Uploaded by | Date uploaded |
|---|---|---|---|
| AHR | Letter of authority - AHR | [redacted] | 28/01/2026 08:42 PM |
| Authorisation | Proof of identity - individual | | 28/01/2026 08:41 PM |
| Financial Capability | Financial capability statement | | 30/01/2026 04:23 PM |
| Financial Capability | Financial Commitment | | 30/01/2026 04:23 PM |
| Land availability | Adjoining land details | | 29/01/2026 12:19 AM |
| Land availability | Land details | | 29/01/2026 12:19 AM |
| Permit area | Statement dealing permit location | | 30/01/2026 03:09 PM |
| Permit area | Statement detailing adjoining resource authorities and land parcel details | | 30/01/2026 03:09 PM |
| Permit area | Map of boundaries and access | | 30/01/2026 04:10 PM |
| Permit area | Area file | | 30/01/2026 03:09 PM |
| Permit area | Statement justifying the area | | 30/01/2026 04:10 PM |
| Permit area | Surface area justification statement | | 30/01/2026 04:11 PM |
| Permit area | Surface area file | | 30/01/2026 04:10 PM |
| Permit details | Permit term justification statement | | 30/01/2026 04:11 PM |
| Technical capability | Other resource commitment statement | | 30/01/2026 04:23 PM |
| Technical capability | Technical capability statement | [redacted] | 30/01/2026 04:23 PM |
| Work program | Proposed mining program | | 30/01/2026 04:15 PM |

**OFFICE USE ONLY**

**Received AT:** _____ **Received BY:** _____

**DATE:** _____ **TIME:** _____

**FEE Paid:** _____ **RECEIPT no:** _____

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# Adjoining land information details for mining lease applications

In this worksheet, input the land information details that will be included in your new mining lease application. The column headings with * are mandatory and require data to be completed either by selection of an item from a pick-list or entering some texts. You can 'copy and paste' multiple items in the same column. Each individual cell will give you instruction on how to enter the correct data.

| Lot number | Plan number | Land tenure type * | Land tenure name (if applicable) |
|---|---|---|---|
| 10 | CLM452 | Lands lease | |
| 8 | CLM156 | Lands lease | |
| 070 | CLM324 | Lands lease | |
| C | SP291958 | Lands lease | |
| 14 | CLM117 | Lands lease | |
| 15 | CLM117 | Freehold | |
| | | | |

| Lot number | Plan number | Land tenure type * | Land tenure name (if applicable) | Current land usage * | Proposed usage * | Land owner's name * | Land owners address | Is compensation required? * | Land subject to erosion control works |
|---|---|---|---|---|---|---|---|---|---|
| 13 | CLM156 | Lands lease | Whispering Pines | Other | Access | [redacted] | | [redacted] | Yes |
| 13 | CLM156 | Lands lease | Whispering Pines | Other | Permit | | | [redacted] | Yes |

# ML App #10013290 - Frost




A product of
GeoResGlobe



Legend located on next page

N

0 250 metres

Scale: 1:13021

Printed at: A4
Print date: 3/2/2026
**Projection:** Web Mercator EPSG 102100 (3857)

For more information, visit
https://georesglobe.information.qld.gov.au/help-info/Contact-us.html

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Queensland Government
Department of Natural Resources and Mines, Manufacturing, and Regional and Rural Development

# ML App #10013290 - Frost

## Legend

- POLYGON-Area file (3).zip - poly
- POLYLINE-POLYLINE-Access Coordinates_Frost and Smith_20260128_wkid_GDA 2020_H1U_Vo6UZI.zip - line
- MSES legally secured offset area [offset register]
- RVM category A - vegetation offsets; compliance notices; VDecs
- Queensland special wildlife reserve

### Coordinated Projects - The Coordinator General

- Current EIS project
- Current IAR project
- Completed EIS project
- Completed IAR project

### Native Title Determination Outcomes

- Native title does not exist
- Native title exists (exclusive)
- Native title exists (non-exclusive)
- Native title extinguished
- Cultural Heritage designated landscape area
- ML infrastructure permit application
- ML infrastructure surface area application
- ML infrastructure access application
- ML infrastructure permit granted

## Attribution

Esri, Geoscience Australia, NASA, NGA, USGS

Esri Community Maps Contributors, Department of Resources, DESI, Esri, TomTom, Garmin, METI/NASA, USGS

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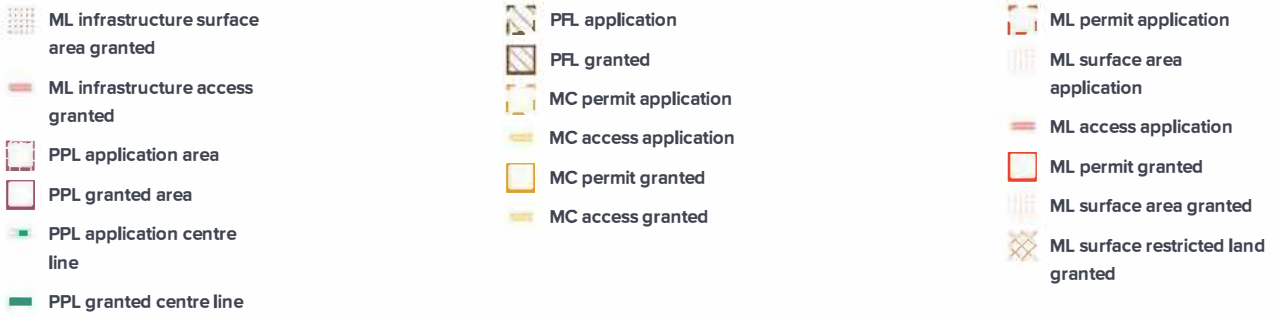
© State of Queensland (Aboriginal and Torres Strait Islander Partnerships) 2022

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National Native Title Tribunal, © Commonwealth of Australia

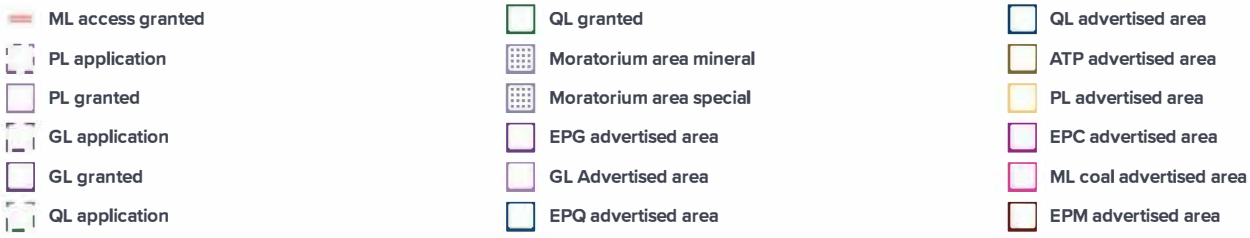
# ML App #10013290 - Frost

Legend



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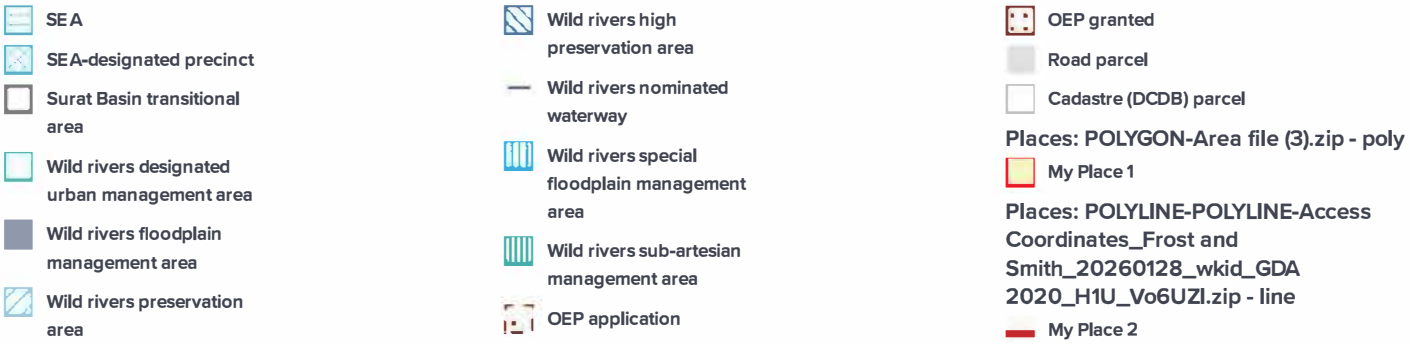
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# ML App #10013290 - Frost

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Registered Native Title Bodies Corporate (RNTBC)




Registered Native Title Bodies Corporate (RNTBC) (cont)



GEMFIELDS MINING SERVICES

**Mining Lease Permit Term Duration Justification**

**Application ID: 10013290**

27/01/2026

To whom it may concern,

We, Gavin Frost and Peter Smith, the permit applicants for a gold mining lease (ID: 10013290) on Lot 13 CLM156, South of Clermont, propose to mine this area using hand tools and low impact machinery (excavator) up to 7 tonnes.

We therefore estimate that we will initially mine approximately 10,000 tonnes of ore bearing material per year, the equivalent of ~1-2 Hectares per year. At this rate, the lease would have a considerable life expectancy, however we intend to increase mining activity over time. As a result, we would like to request a permit duration of 10 years, with a view to renew this in future, if possible.

Please let us know if you would like any additional information.

Kindest Regards

[redacted]

Gavin Frost and Peter Smith

Queensland Government

**Department of Natural Resources and Mines, Manufacturing and Regional and Rural Development**

# Mining lease - mining program template

## Description of mining operations – Mining Program

This template is intended as a guide to assist applicants/lease holders address the requirements for an application for the grant of or the renewal of a mining lease under the *Mineral Resources Act 1989*.

Section 245 of the *Mineral Resources Act 1989* requires a statement acceptable to the chief executive outlining the mining program proposed for a mining lease application.

The mining program for the renewal of a mining lease is required under section 286 of the *Mineral Resources Act 1989.*

The principal objectives of a mining program are to:

- provide a better understanding of the nature and extent of the proposed development and production of mineral resources from the lease;
- allow an assessment of the proposed development and whether it is appropriate (this is particularly important with respect to resources that are not currently being mined or have been not developed for some time);
- assess the prospective resource utilisation and identify any resource sterilisation issues; and
- allow appropriate resource management decisions to be made

**Scope of mining programs**
The scope of mining programs will vary depending on the size and complexity of the proposed mining operations. The plan for an alluvial gold project or a small open cut operation, for instance, would require less detail than a multi-seam open cut and underground operation that also had coal seam gas extraction issues.
If the mining lease supports other permits or forms part of a project, the program described must describe the project and clearly show the relationship of this mining lease.

### 1. Mining program to support

| | | |
|---|---|---|
| **New application** | ☒ | **Proposed mining lease name: Kismet** |
| **Renewal of mining lease** | ☐ | **Mining lease number: t10013290** |

### 2 Commencement of operations:

**For new permits:**

| **When are operations are expected to commence on this mining lease?** |
|---|
| Operations are expected to start on the 1St January 2027 if the lease is approved. Following potential approval the lease applicants are planning to carry out 6-12 months surface anaylsis and smaller sclae dingging before bringing in larger machinery. |

**For renewals:**

| **If operations have not commenced, when are operations expected to commence on this mining lease?** |
|---|
| |

## 3. Supporting operations

| **Is this mining lease being or to be operated in conjunction with other mining permits as part of a project?**<br>If yes, provide details of the project including a description of the relationship of this lease to the project and why this lease is required for the project or operation of other permits | **Yes** ☐ | **No** ☒ |
|---|---|---|
| - *Include a map showing the extent of the project*<br>- *provide clarification of the extent of the mining program described ie what leases and permits are covered by the program* | | |
| | | |

## 4 Method of operations

**The mining program should:**

- *Cover every mineral that the lease holder or applicant has (or will have) the right to mine.*
- *If the lease was granted for a purpose other than mining, cover the use of the mining lease for the purpose it was granted for.*
- *Describe the method in enough detail to support the size, shape eg overburden dumps, pits, stockpiles, processing etc.*
- *Provide adequate graphic representations (i.e. maps, photos, diagrams) of the resource and mining Information to support the proposed use.*
- *Include a description of infrastructure to constructed /maintained on the lease.*
- *Describe the methods proposed for rehabilitation works.*
- *Include a description of the workforce to establish/maintain this operation.*

The proposed lease is being applied for to mine eluvial, colluvial and alluvial gold [redacted]

Please refer to the supporting information attached for maps, boundaries, access and restricted land considerations.

Following potential approval, the lease applicants are planning to carry out 6-12 months surface anaylsis and smaller scale digging before bringing in larger machinery.

6-12 months following potential approval, the lease applicants intend to use < 5 tonne machinery, to a maximum of a D3 Bulldozer (~7 tonne). [redacted]

No structures are planned to be added to the lease site.

Diggings are planned to be in sections 50m x 25m x 2m (Width x Length x Depth)(~1250m2). Approximately 5 or more of these sections are planned to be dug annually.

Diggings will be back-filled and prepared for rehabilitatioin at the completion of each 1250m2 section

Gold will be recoverred using push/dig and detect methods, and therefore wont require any infrastructure to be added to the lease, and no chemicals will be used.

[redacted]

**Provide a list of attached documents to support this mining program**

Mining Lease Supporting Information

Financial Capability

Technical Capability

Technical Capability (Human Resources)

## 5 Applicant's declaration

**I confirm the following:**

- I understand my obligations as a holder of a mining lease.
- I have truthfully declared all relevant details required on this form.
- If any part of this form has been completed with the assistance of another person, I declare that the information as set down is true and correct and has been included with my full knowledge, consent and understanding.

| | | | |
|---|---|---|---|
| **Signature:** | [redacted] | **Signature:** | |
| Print name: | Peter Smith | Print name: | |
| Date:: | 30/01/2026 | Date: | |
| **Signature:** | [redacted] | **Signature:** | |
| Print name: | Gavin Frost | Print name: | |
| Date:: | 30/01/2026 | Date: | |

**if additional signatures, attach a separate piece of paper)**

GEMFIELDS MINING SERVICES

**New Mining Lease Permit Application Attachment**

**Application ID 10013290**

**Permit Applicants:** Gavin Frost and Peter Smith

**Work program date:** 28th January 2026

**Additional information**

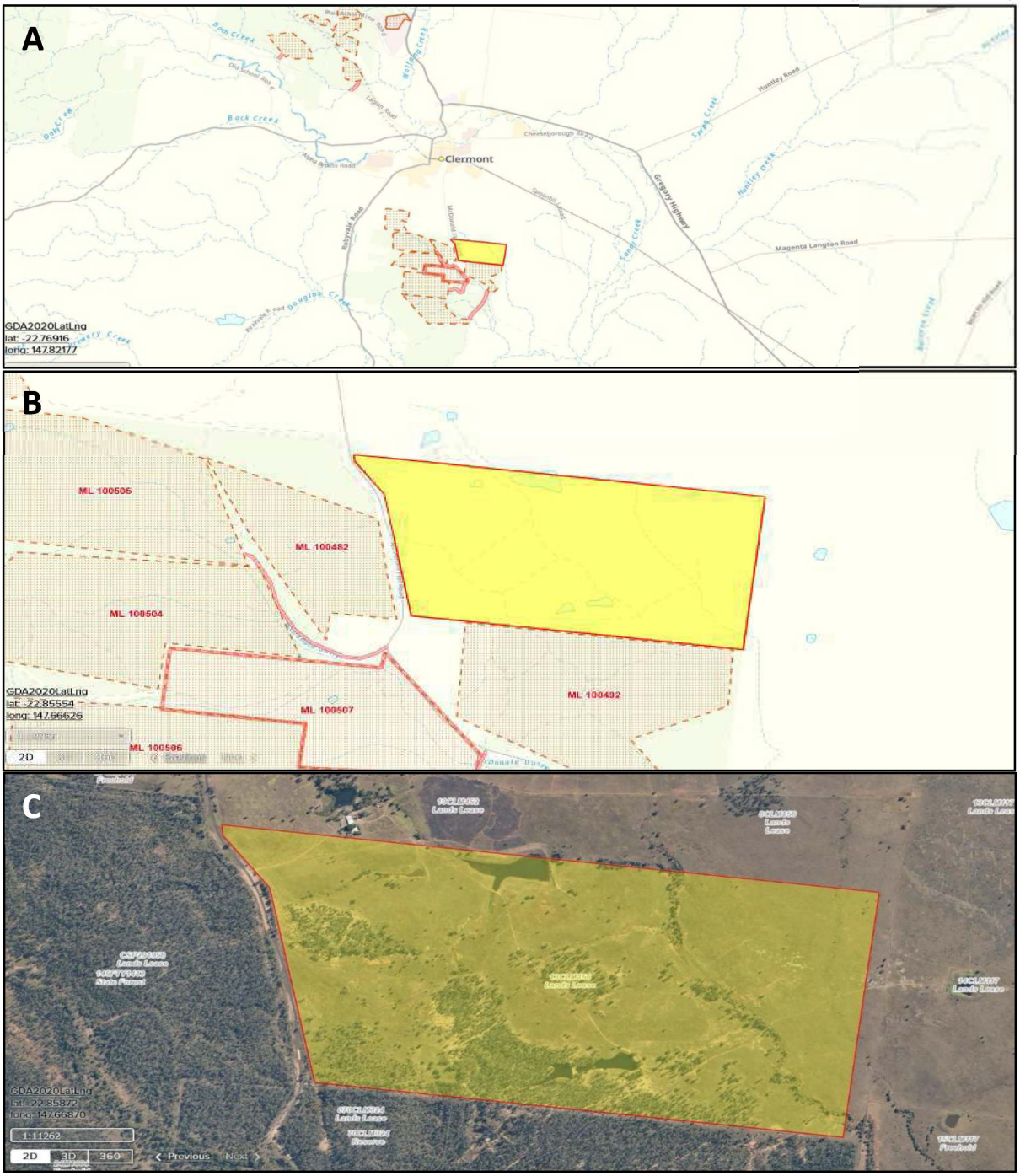



**Figure 1 (A-C):** Mining Claim Satellite photo showing the location of the proposed mining lease site (GeoRes Globe 28/01/2026).

## Mining Lease Dimensions and Surface Area Calculations

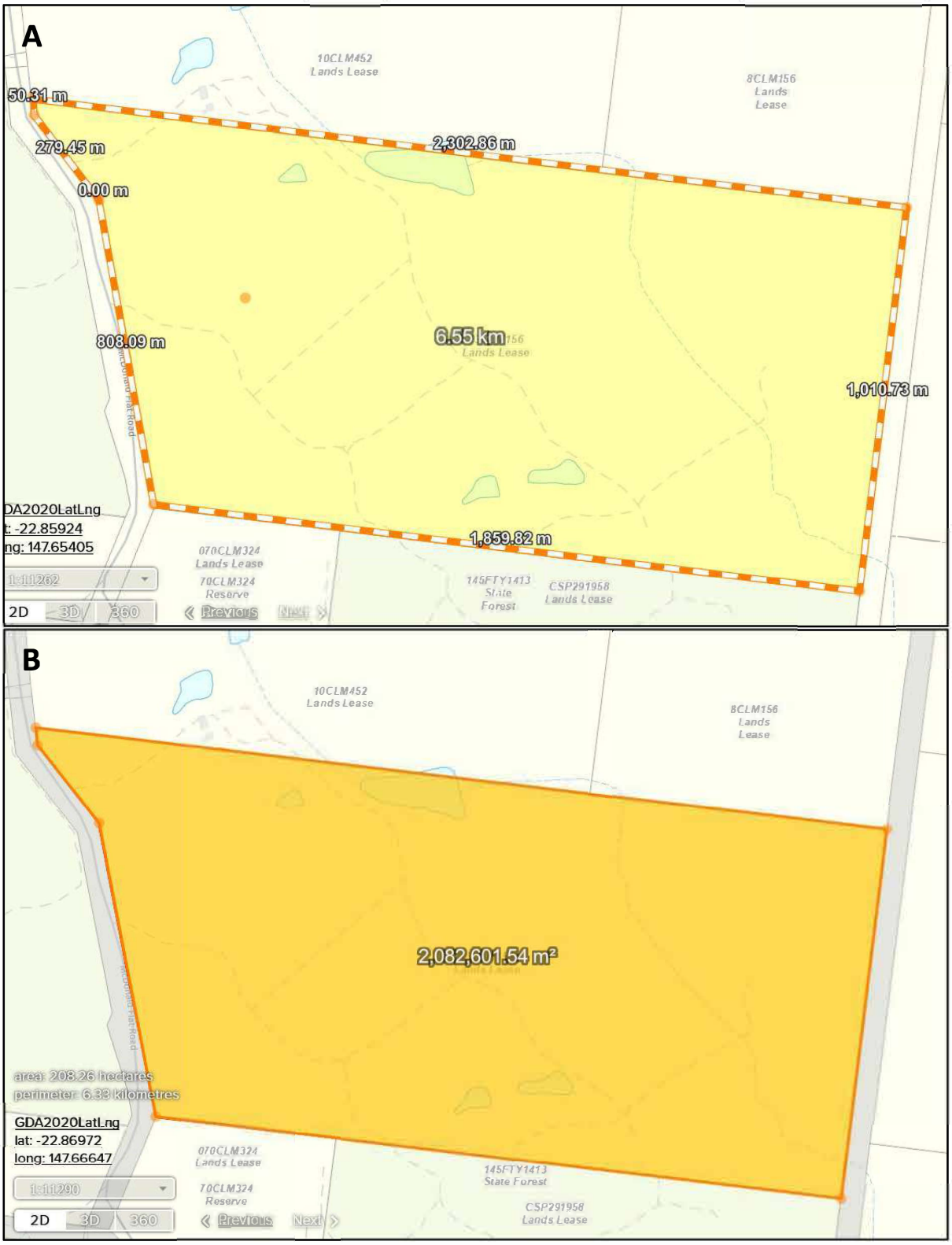



**Figure 2:** Mining lease outline dimensions (6.55km)(A) and surface area (208Ha)(B) (GeoResGlobe 28/01/2026)

## Mining Lease Access

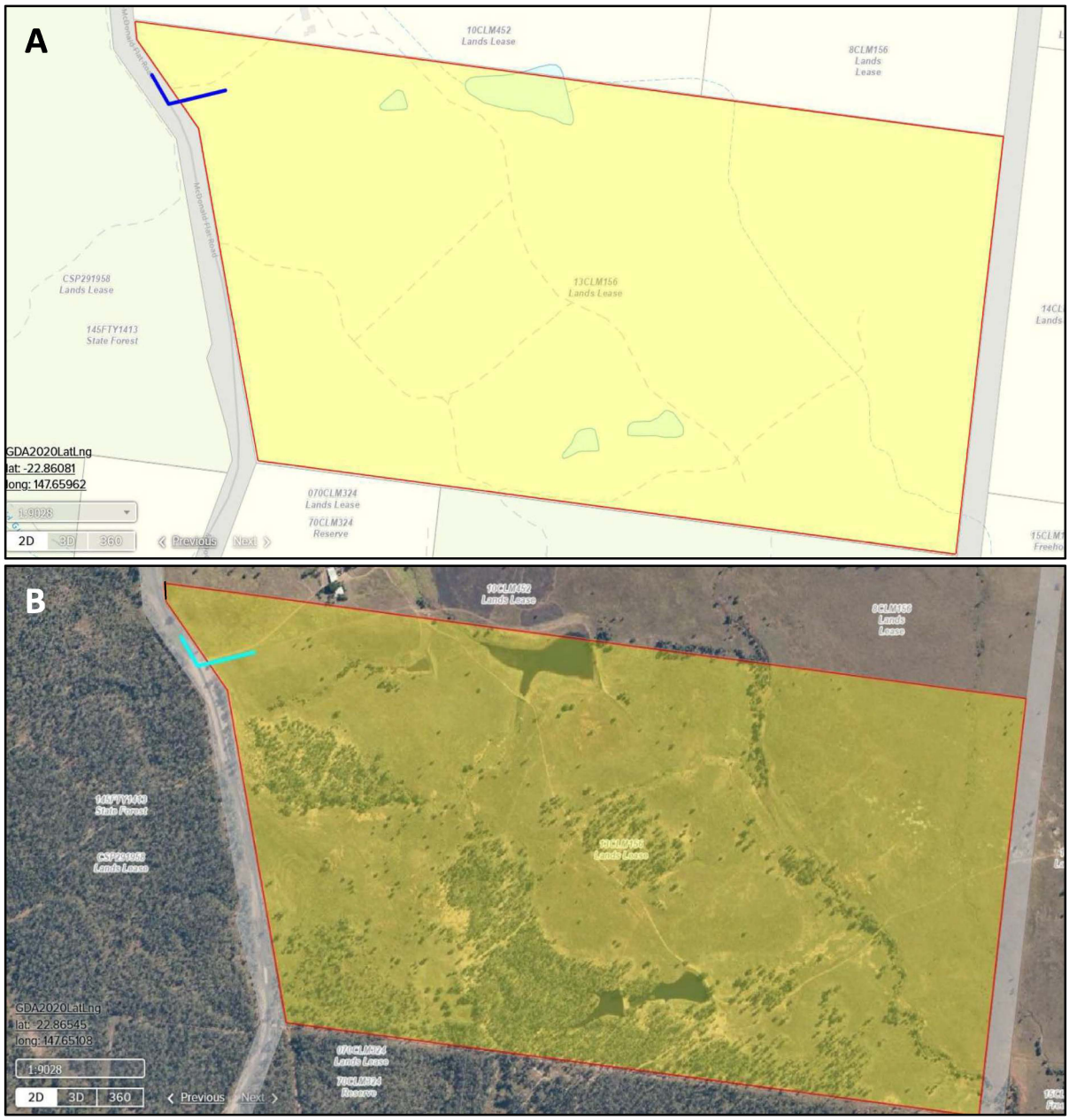



**Figure 3:** Proposed mining lease access to McDonald Flat Road (DCDB Road Parcel)(Geo Res Globe 28/01/2026)

## Land Layer Queries Over Lease Surface

### EPC Granted

EPC 1241: Exploration Permit Coal, VITRINITE PTY LTD. Land subject to Native Title is excluded from the permit area.

EPC 27367: Exploration Permit Coal, VITRINITE PTY LTD. Land subject to Native Title is excluded from the permit area

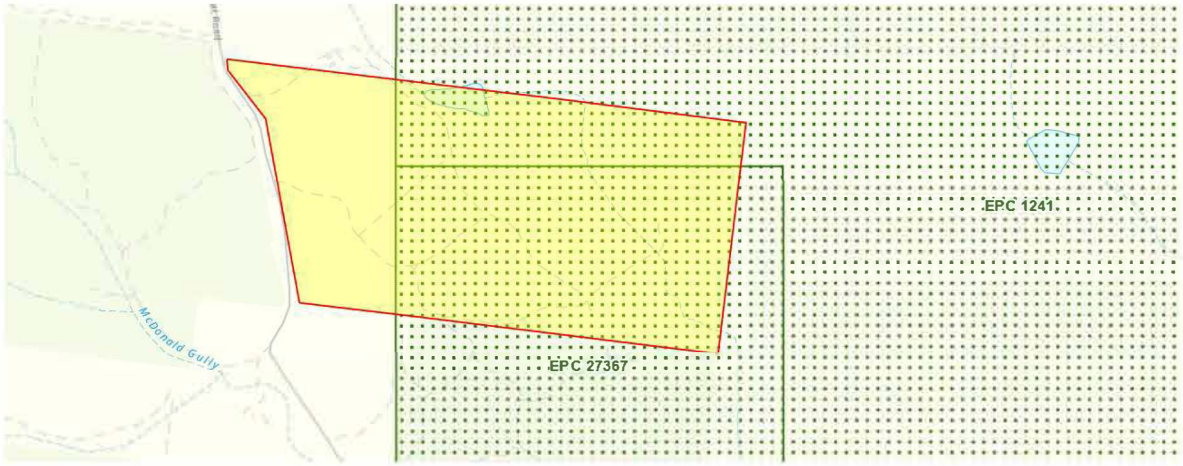



**Figure 4:** EPC 1241 and EPC 27367 Overlap with the proposed mining lease area (GeoResGlobe 29/01/2026).

### Strategic Cropping Land

### SCL Criteria Sub Zone and SCL Criteria Zone

Western Cropping




**Figure 5:** Strategic Cropping Land (GeoResGlobe 29/01/2026).

**Forest Management Area**

MUID: C-AREM018

State Forest or Timber Reserve

**State Forest**

Copperfield State Forest




**Figure 6:** Copperfield State Forest (GeoResGlobe 29/01/2026).

**Native Title Determination**

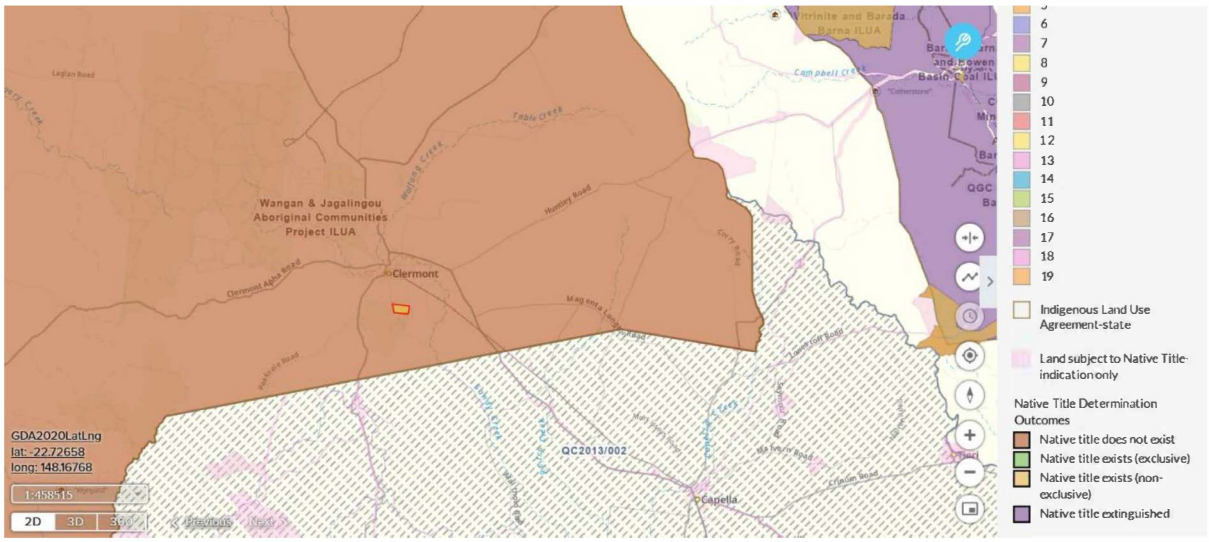



**Figure 7:** It is unclear if there is native title on the proposed lease area, as the legend indicates Native tile does not exist, however there is an ILUA Description in the area (GeoResGlobe 29/01/2026).

**Restricted area**

RA No. 391

Prohibit Coal Applications

Act1: MR1989




**Figure 8:** Restricted Area No.391. Coal Applications prohibited. EPC 1241 Unlikely to be able to establish coal operations in this area. (GeoResGlobe 29/01/2026).

**General Permission Area**

Parcel Name: Mc Donald Flat

Parcel Type: General Permissions Area

Mines Land type: Constrained

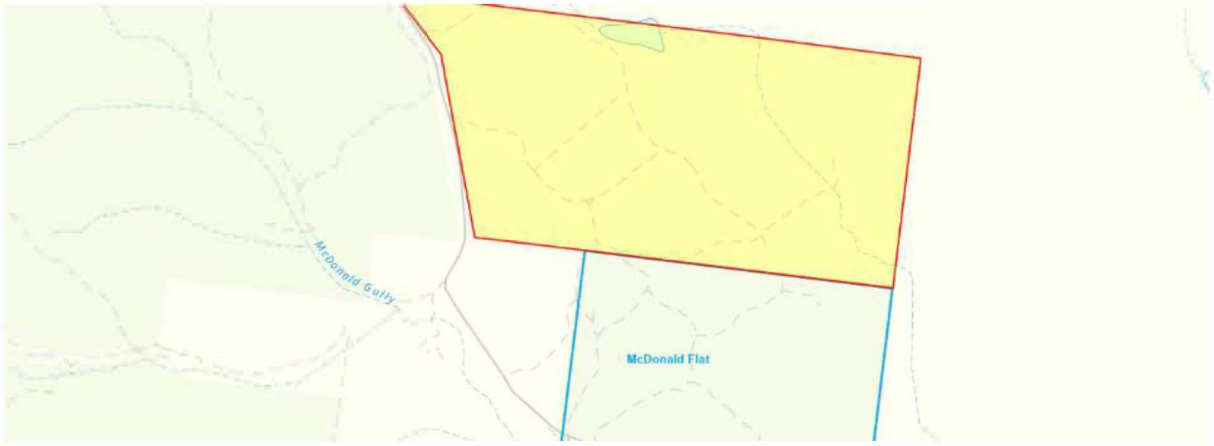



**Figure 9:** Adjacent General Permissions Area. Note, the proposed Lease does not intersect the General Permissions Area (GeoResGlobe 29/01/2026).




**Figure 10:** Detailed satellite image of proposed mining lease (Application ID: 10013290) (GeoResGlobe 29/01/2026).

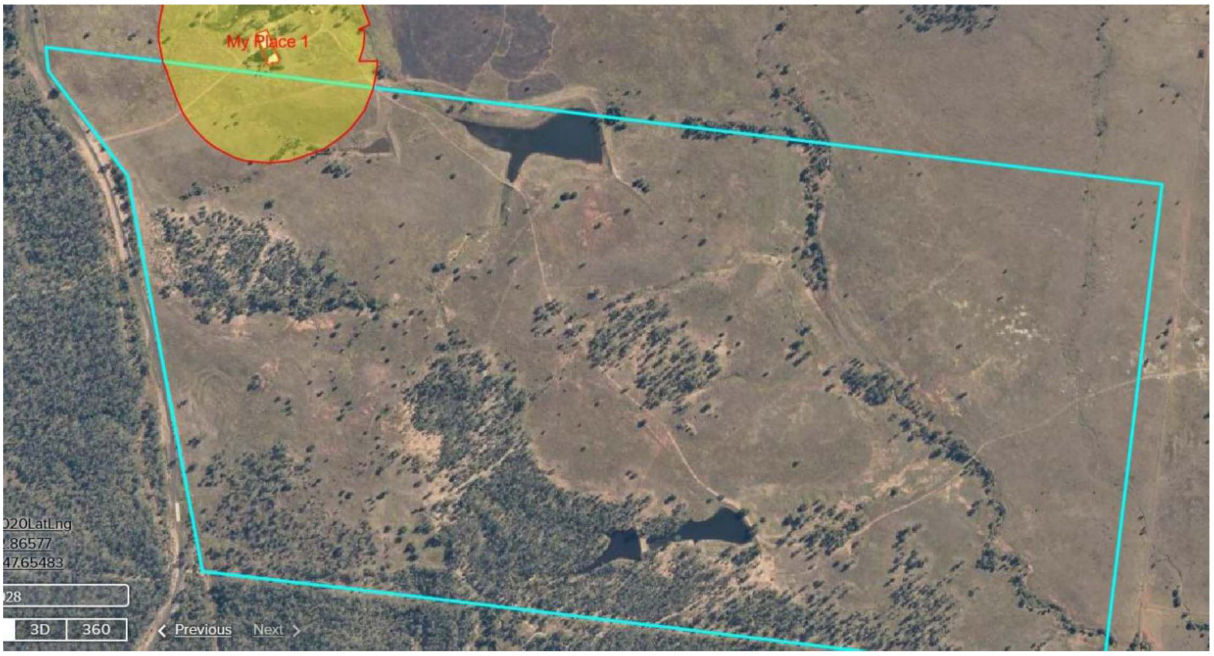



**Figure 11:** 200m buffer zone from restricted land (dwelling, Homestead). Buffer Zone: Yellow Highlight (GeoResGlobe 29/01/2026).

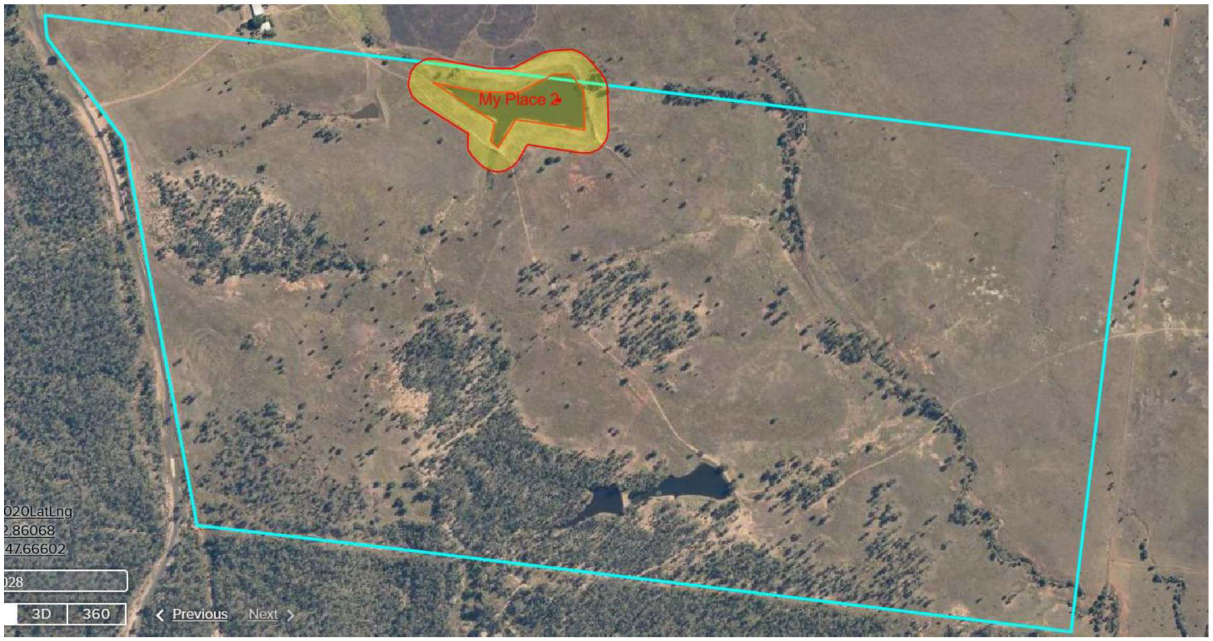



**Figure 12:** 50m buffer zone from existing dam. Buffer Zone: Yellow Highlight (GeoResGlobe 29/01/2026).

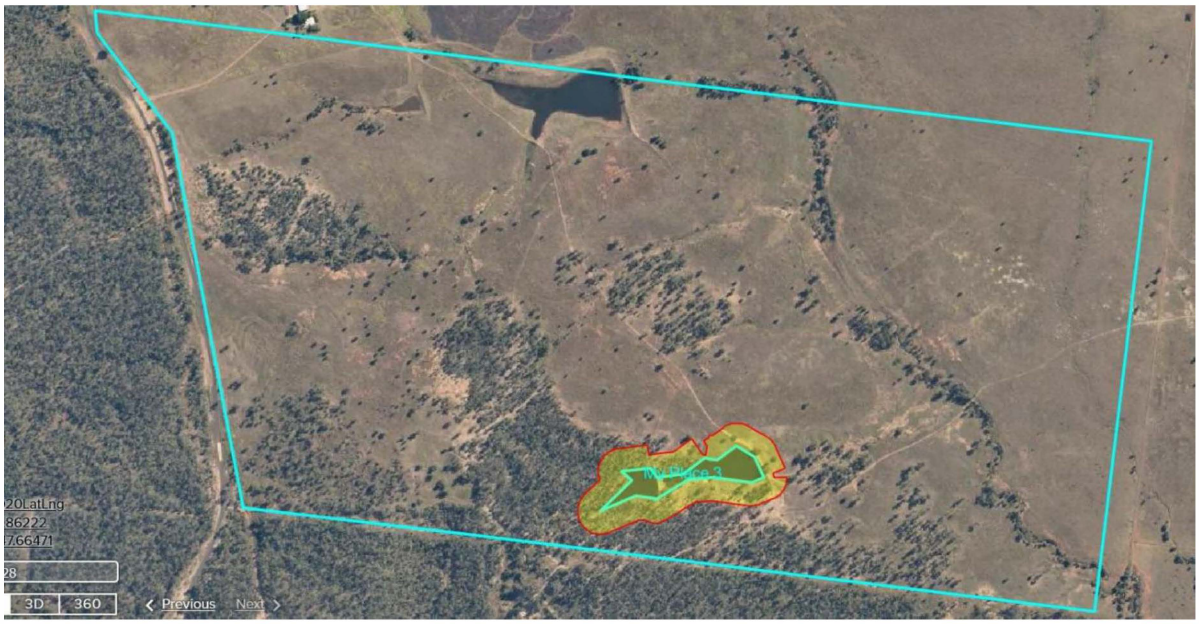
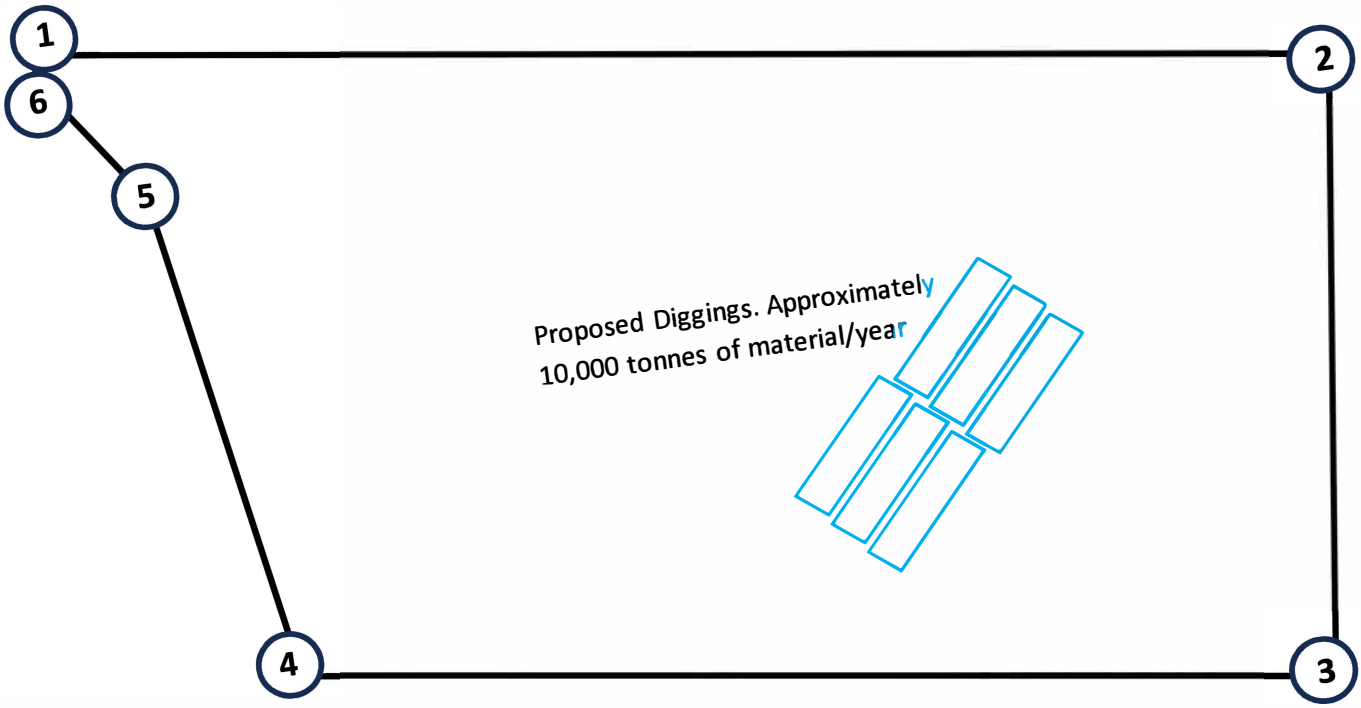



**Figure 13:** 50m buffer zone from visible water catchment. Buffer Zone: Yellow Highlight (GeoResGlobe 29/01/2026). Please note, these catchments were dug by [redacted] while successfully mining the area for gold. This mining activity is a further indication of gold mineralisation in this area and supports the establishment of a lease in this location.

GEMFIELDS MINING SERVICES

**Lease Plans:** ID 10013290

Datum Post (A) Coordinates
Lat: -22.86339
Long: 147.66614



From: **gavin frost** [redacted]
Date: Sun, Mar 8, 2026 at 1:06 PM
Subject: Re: ML 100424
To: Nick von Alvensleben [redacted]

G,day Nick,  All good here, thanks, mate. Hope things are going well for you.

Here is a draft I have prepared for you, if you could let us know your thoughts please?

The attached map of proposed lease reflects half of the historical rich locations that exist inside the boundaries of the lease.

The proposed 208 hectares corresponds with not only the historical mining locations, but also my own evaluation from exploration with prospecting permits dating back 15 to 20 years ago with than partner [redacted]

With the use of metal detectors, we were able to systematically analyse and detect coarse alluvial gold nuggets and specimens indicating rich mineralisation occurring throughout the entire lease area., from the western most boundary through to the eastern boundary.

With the main focus being that of the distribution of coarse nuggetty gold and specimens rather than the fine gold evaluation, we were able to confirm the high existence and potential of gold patches concentrated and wide spread across the the area.

With the coarse nature of the nuggets and the conformity in which they were quite evenly spread and dispersed throughout the wash layer,  it is my belief that this would make a very viable position for a surface stripping and detecting operation,  with minimal disturbance and impact on the land.

With an average gravel depth of one metre (2 metre total) equating to aapprox-6000 to 120000 tonnes per acre with an estimated 15 grams to the tonne, via stripping and detecting for a projected return of 6 to 10 ounces of gold per acre conservatively.

400 acres from total lease area of 513 acres,

Projection of 2000 to 4000 ounces conservatively.

Regards, Gavin & Peter

GEMFIELDS MINING SERVICES

**Mining Resource Information Update**

**ML 100424, Frost and Smith**

08/03/2026

Excerpt from the information request to Gavin Frost and Peter Smith regarding mineralisation of the proposed mining Lease ML 100424.

The attached map of proposed lease reflects half of the historical rich locations that exist inside the boundaries of the lease.

The proposed 208 hectares corresponds with not only the historical mining locations, but also my own evaluation from exploration with prospecting permits dating back 15 to 20 years ago [redacted]

With the use of metal detectors, we were able to systematically analyse and detect coarse alluvial gold nuggets and specimens indicating rich mineralisation occurring throughout the entire lease area., from the western most boundary through to the eastern boundary.

With the main focus being that of the distribution of coarse nuggetty gold and specimens rather than the fine gold evaluation, we were able to confirm the high existence and potential of gold patches concentrated and wide spread across the the area.

With the coarse nature of the nuggets and the conformity in which they were quite evenly spread and dispersed throughout the wash layer, it is my belief that this would make a very viable position for a surface stripping and detecting operation, with minimal disturbance and impact on the land.

With an average gravel depth of one metre (2 metre total) equating to aapprox-6000 to 120000 tonnes per acre with an estimated 15 grams to the tonne, via stripping and detecting for a projected return of 6 to 10 ounces of gold per acre conservatively.

400 acres from total lease area of 513 acres,

Projection of 2000 to 4000 ounces conservatively.

Regards, Gavin & Peter

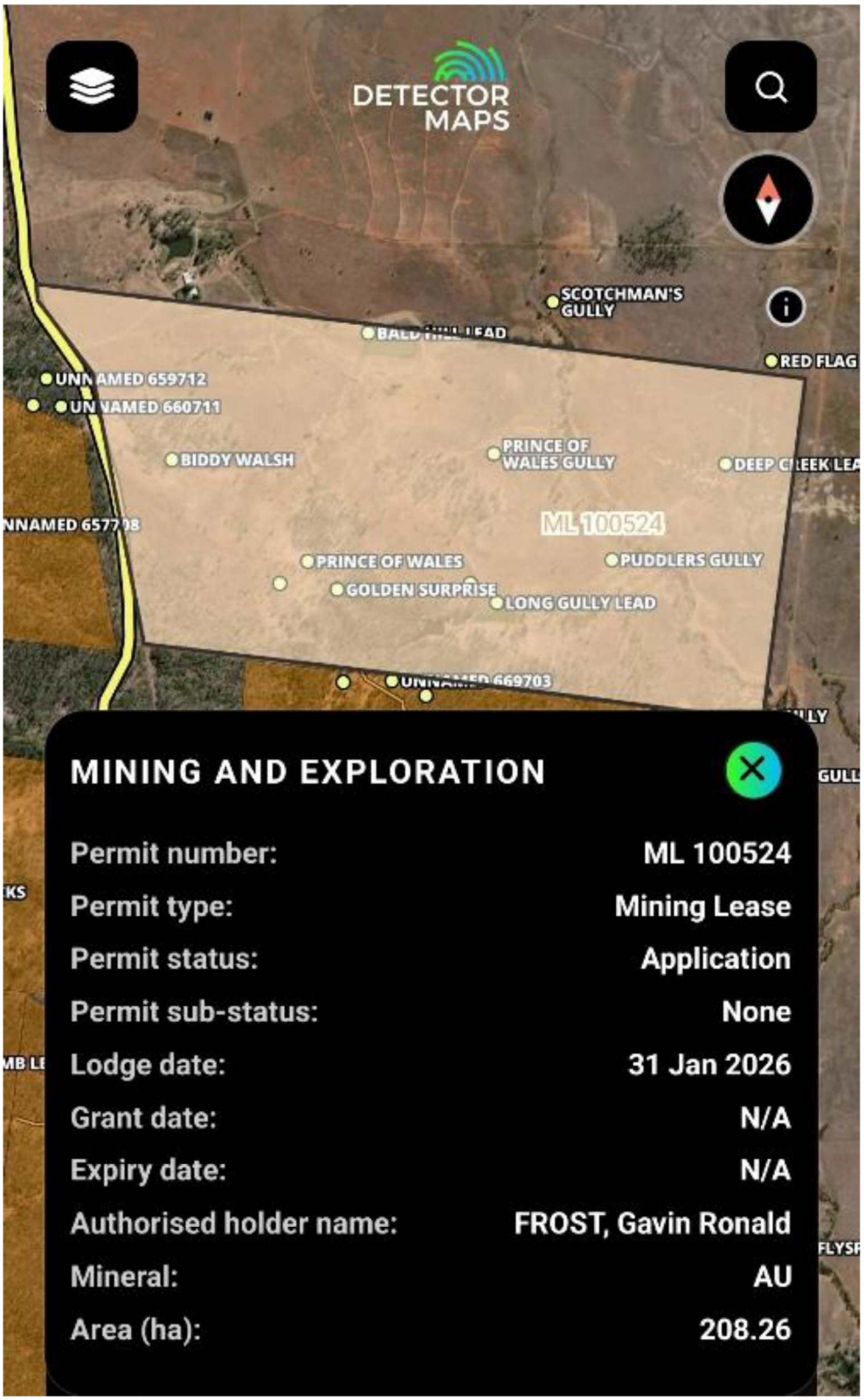



**Figure 1:** Historical locations of heavily mineralised locations within the proposed mining Lease ML 100424 (It is unclear and unspecified why the search appears as ML 100524, as it is recognised as the application submitted by Gavin Frost and Peter Smith).



AI Overview +10

McDonald's Flat, located just south of Clermont, QLD, was one of the earliest, most significant alluvial goldfields in the area, with recorded mining activity dating back to the 1860s–1890s. It is part of the broader Clermont gold district, where over 7,380 kg of gold was recovered between 1861 and 1901. National Library of A... +2

**Historical Records and Context**

- **Early Mining (1860s-1890s):** McDonald's Flat, along with the Venus and Miclere, was one of the earliest, most prosperous alluvial fields, becoming part of the largest alluvial goldfield in Queensland.
- **Production Data:** While early specific, broken-down records for just "McDonald's Flat" are scarce, the broader region reported substantial yields, such as 11,986 oz in 1895 and 12,183 oz in 1896.
- **Development:** By 1929, some areas within the district, including parts of McDonald's Flat, had 10-ft holes sunk, though some early reports mentioned non-payable results in certain specific spots.
- **Records:** Mining records, including lease registers and geological maps (1890s–1970s), are available through the Queensland Government. National Library of A... +4

**Figure 2:** AI Overview/ Summary of historical mining activity of the Mc Donald Flats applicable to the area within the proposed mining Lease ML 100424.

Queensland Government

# Resource authority description

Mines ABN 59 020 847 551

Version 1.01

This is a template form and is not an approved form. You may complete the original of this form and submit with another approved form using **MyMinesOnline**.

Refer to the ***Permit application*** or any other Department guide for assistance. Please use a pen, and write neatly using **BLOCK LETTERS**. If insufficent space anywhere on this form, please attach a separate document.

This form is to provide assistance to determine the true locality of your application in GeoResGlobe.

| **Permit location, list coordinates of all corners as accurately as possible** | | |
|---|---|---|
| **Post/Physical Monument** | **Latitude** | **Longitude** |
| | *23° 51' 15.296"* | *147° 30' 26.641"* |
| Datum Post: Post 1 | -22.860845 | 147.64383 |
| Post 2 | -22.863375 | 147.666175 |
| Post 3 | -22.872528 | 147.664968 |
| Post 4 | -22.87048 | 147.64697 |
| Post 5 | -22.86322 | 147.64547 |
| Post 6 | -22.86128 | 147.64388 |
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| | | |
| **Coordinates capture method** | | |
| **GPS device** ☐ | | |
| Model/type of GPS unit | | |
| Accuracy of GPS | + | metres |
| **Other** ☒ | | |
| *eg. Derived from GeoResGlobe using a screen hit* | | |
| Derived from Geo Res Globe using Lot and Plan Boundary References | | |
| | | |
| | | |

Queensland Government

# Adjoining resource authority and land parcel information

Mines ABN 59 020 847 551

Version 1.01

This is a template form and is not an approved form. You may complete the original of this form and submit with another approved form using **MyMinesOnline.**

Refer to the ***Permit application*** or any other Department guide for assistance. Please use a pen, and write neatly using **BLOCK LETTERS**. If insufficent space anywhere on this form, please attach a separate document.

This form is to provide assistance to determine the true locality of your application in GeoResGlobe.

**Resource authorities that abut this application**

*eg NE corner abuts NW corner of MC5646 and SE corner abuts the SW corner of MC5646*

The Southern boundary of the proposed Lease abuts the Northern boundary of ML 100492
The Western boundary of the proposed Lease is in the vicinity (across McDonald Flat Road) of ML 100482

**Land parcels that abut this application**

*eg western boundary abuts the eastern boundary of Lot 25 on RP143567*

The proposed claim is on 13CLM156.
The Northern boundary abuts 10CLM 452 and 8CLM 156
The Southern boundary abuts 070CLM324/70CLM324 and CSP291958/145FTY1413
The Eastern boundary abuts the Road Reserve 43746028 (Segment Parcel 81)
The Western boundary abuts the Road Reserve 43748006 (Segment Parcel 81), McDonald Flat Road

GEMFIELDS MINING SERVICES

**Mining Lease Permit Area and Shape Justification**

**Application ID: 10013290**

28/01/2026

To whom it may concern,

We, Gavin Frost and Peter Smith, the permit applicants for a gold mining lease (ID: 10013290) on Lot 13 CLM156, South of Clermont, are applying for a 208Ha area. Approximately 10% of this surface may not be mineable due to dams or environmental features.

As specified in the permit duration justification, we estimate that we will initially mine approximately 10,000 tonnes of ore bearing material per year, the equivalent of ~1-2 Hectares per year, but intend to increase mining rates as the operation develops.

We would like to apply for a 10-year permit for this lease, with the intention to renew the permit for multiple terms if possible. We estimate that the entire lease could be mined within the next 20-30 years.

The shape of the proposed lease was determined to encompass the entire surface area of Lot 13 CLM156, and therefore has the same shape as this land parcel.

Please let us know if you would like any additional information.

Kindest Regards

[redacted]

Gavin Frost and Peter Smith

GEMFIELDS MINING SERVICES

**Mining Lease Access Surface Area Justification**

**Application ID: 10013290**

30/01/2026

The proposed lease on Lot 13 CLM156 is adjacent to McDonald Flats Road and has direct access from the road onto the lease.

An entry point surface area of approximately 0.5 Ha my be required, however this is unlikely due to the location of the proposed lease relative to the road. Please see the mining lease location and proposed access below.

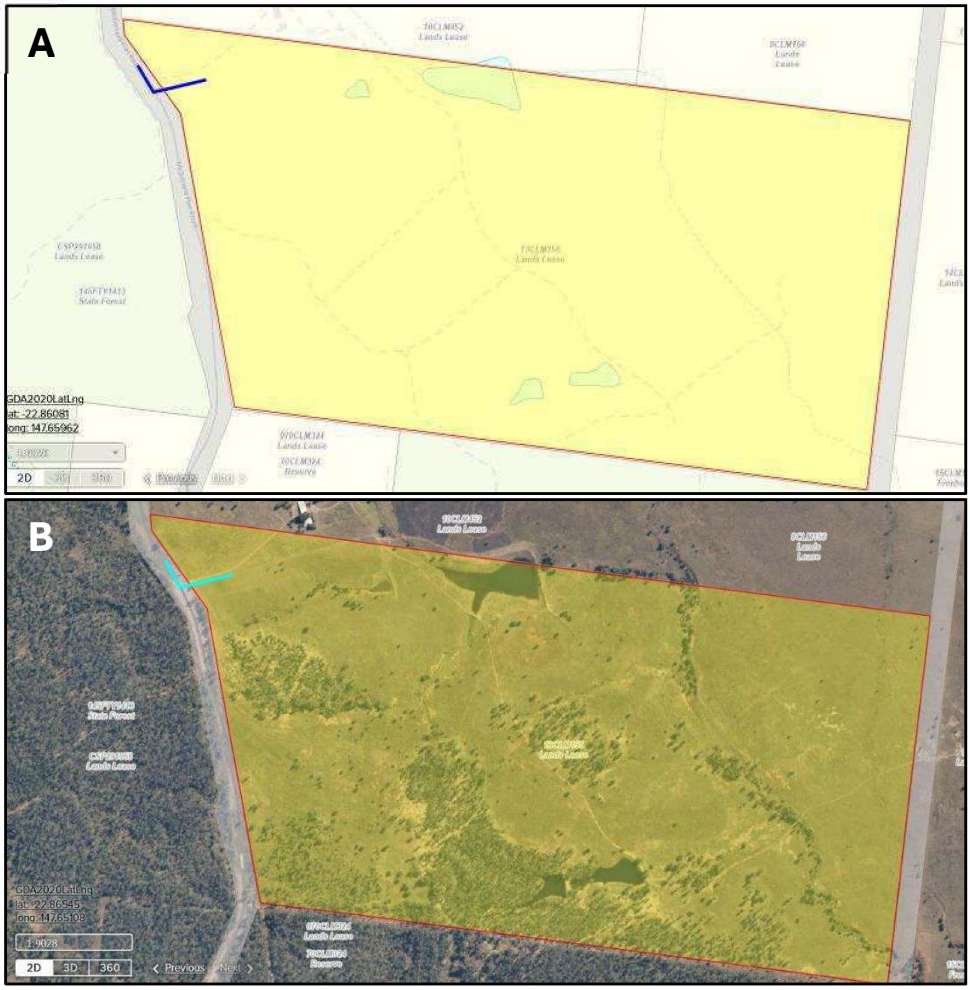



**Figure 1:** Proposed mining lease location and proposed access onto McDonald Flat Road.

## Area Details

**Date started:** 03/02/2026

**Date due:** 10/02/2026

**Date completed:** 07/08/2026

**Status:** Closed

[redacted]

**Area validation outcome:** Area verification has been completed with minor changes. all relevant area files and metadata have been updated in MMOL database.

**Overall comments:** Access: No access is required as the validated extent abuts formed and gazetted McDonald Flat Road. | Extent: Amended to achieve abutment as described in application - the extent is to match lot 13CLM156. The shape would require two extra vertices to achieve full abutment on the northern and southern boundaries. MAH confirms approval to add to vertices in email 07/08/2026. Understand that the applicant has not inserted posts as the lot forms a valid description of the lease extent. Areas: 208.26 ha on application; 208.4 ha as lodged; 208.8 ha amended. | Surface area: A 50 m buffer has been put in place around the dams within the application extent. Dam full-supply volume was estimated from available satellite imagery and flood imagery (drone) provided by the AHR. Validated surface area measures 192.2 ha.

**Applied permit area:** Refer to application pdf for details.

**Calculated permit area:** 208.8

**Surface area:** Part.

**Comments related to surface area:** A 50 m buffer has been put in place around the dams within the application extent. Dam full-supply volume was estimated from available satellite imagery and flood imagery (drone) provided by the AHR. Validated surface area measures 192.2 ha. Amended to achieve abutment as described in application - the extent is to match lot 13CLM156. The shape would require two extra vertices to achieve full abutment on the northern and southern boundaries. MAH confirms approval to add to vertices in email 07/08/2026. Understand that the applicant has not inserted posts as the lot forms a valid description of the lease extent. Areas: 208.26 ha on application; 208.4 ha as lodged; 208.8 ha amended.

**Applied surface area:** Refer to application pdf for details.

**Calculated surface Area:** 192.2 hectares

[redacted]

**From:** Nick von Alvensleben [redacted]
**Sent:** Friday, 21 August 2026 10:28 AM
**To:** Mineral Hub
**Subject:** Re: ML 100524 - mark out date.

**Categories:** [redacted]

**Caution: this message came from outside of the organisation.**
Be careful before clicking any link or attachment.

Dear [redacted]

I hope this finds you and the team well.

Thank you for your mail and assistance with the lease application process.

The digital mark out date for ML 100524 was the 28th January 2026.
The permit coordinates and boundaries for ML 100524 were determined based on the cadastral survey plan using Geo Res Globe (Ref. Boundary practice direction: Cadastre plan), and were originally based on pegging the entire surface of parcel 13CLM156.
No physical markers have been placed on the ground yet.
Permit coordinate amendments and partial land abandonment were determined by the cadastral survey plan using Geo Res Globe on the 24th June 2026.

Please let me know if you would like any additional information

Thank you again for all your time and assistance

Have a great day

Kindest Regards
Nick

**Dr Nicolas von Alvensleben**

**Rubyvale, Central Queensland**

[redacted]



ABN: 12 762 262 826

On Wed, Aug 19, 2026 at 2:26 PM Mineral Hub <MineralHub@nrmmrrd.qld.gov.au> wrote:

OFFICIAL

Good afternoon Nick,

Following up on the application for ML 100524, Applicants: Gavin Ronald FROST and Peter David SMITH.

The application was lodged on 30 January 2026. Can you please confirm the mark out date?

Regards,

[redacted]

**Mineral Assessment Hub | Georesources Delivery**

Department of Natural Resources and Mines, Manufacturing and Regional and Rural Development

**P:** 07 4447 9230

**A:** Level 9, 445 Flinders St, Townsville, QLD 4810 | PO Box 1752, Townsville, QLD 4810
**E:** mineralhub@nrmmrrd.qld.gov.au
**W:** www.nrmmrrd.qld.gov.au

DELIVERING FOR QUEENSLAND | Queensland Government

**Confirmation of original ML application area and surface area excluding restricted land.**

**From:** Mineral Hub <MineralHub@nrmmrrd.qld.gov.au>
**Sent:** Wednesday, 4 February 2026 2:41 PM
**To:** MinesSpatialSupport
**Subject:** Removal of Restricted Land ML100524

Good afternoon Spatial team,

As per attached request from AHR – could you please exclude surface area from ML application around the dams that are visible on satellite imagery.

AHR mentions in email they wish to apply full surface area minus restricted land, also the same in the statement justifying the area.




With thanks,

[redacted]

**Mineral Assessment Hub | Georesources Delivery**

Department of Natural Resources and Mines, Manufacturing and Regional and Rural Developm

**P:** 07 4447 9230

**A:** Level 9, Verde Tower 445 Flinders Street, Townsville Qld 4810, Townsville | 4810
**E:** mineralhub@nrmmrrd.qld.gov.au
**W:** www.nrmmrrd.qld.gov.au

DELIVERING FOR QUEENSLAND | Queensland Government

**From:** Nick von Alvensleben [redacted]
**Sent:** Monday, 2 February 2026 2:19 PM
**To:** Mineral Hub
**Subject:** Re: ML App #10013290

Hi [redacted]

Thank you for your email and your call earlier.

Re. the intent of surface area. Apologies, I misunderstood what this refers to. Yes, the permit holders would like to apply for the full surface area minus 10% to allow restricted land.

Please let me know if you would like any additional documents or information.

Have a great afternoon

Kindest Regards

NIck

**Dr Nicolas von Alvensleben**

**Rubyvale, Central Queensland**

[redacted]

GEMFIELDS MINING SERVICES

[redacted]

On Mon, Feb 2, 2026 at 8:36 AM Mineral Hub <MineralHub@nrmmrrd.qld.gov.au> wrote:

OFFICIAL

Good morning,

Can you please clarify the intent of surface area – as application states you are applying part surface area - 0.5HA of surface area, however statement justifying the area states you're applying for full surface area minus 10% to allow restricted land?

With thanks,

[redacted]

**Mineral Assessment Hub | Georesources Delivery**

Department of Natural Resources and Mines, Manufacturing and Regional and Rural Developme

**P:** 07 4447 9230

**A:** Level 9, Verde Tower 445 Flinders Street, Townsville Qld 4810, Townsville | 4810
**E:** mineralhub@nrmmrrd.qld.gov.au
**W:** www.nrmmrrd.qld.gov.au

DELIVERING FOR QUEENSLAND | Queensland Government

GEMFIELDS MINING SERVICES

[redacted]

**Proposed Mining Lease Site Livestock Dam Assessment**

**ML 100524**

15th April 2026

Dear Mineral Hub Team,

I am currently assisting with the permit application of ML 100524 (Frost and Smith).

It appears there may be an uncertainty with the surface areas of the four livestock water dams on the proposed mining lease site.

Geo Res Globe, the Queensland Government Mineral mapping system outlines the registered dam boundaries and surfaces when viewed without a satellite layer.

The following report provides details of dam coordinates registered, and provided by, Geo Res Globe for the surface areas of the dams within the mining lease application for ML 100524.

Drone images of the four dams taken on the 2nd April 2026, following a serious flooding event in Clermont, are also included for comparison with satellite images.

In summary, based on environmental features, it appears Dam 1 water levels may increase on the southern (~75m) and western (~100m) banks during flooding events, and tributaries become waterlogged and visible. Dams 2 and 3 don't appear to vary in surface area or shape when comparing recent aerial photos with satellite images. Dam 4 increases in surface towards the west by approximately 30m.

It is likely the Dam levels following flooding will drop rapidly to an intermediate level in the absence of rain during the winter season.

The average surface area of the four dams is likely that described by Geo Res Globe which provides an intermediate surface area between what is visible in satellite images, which appear to reflect a dry season, and the drone images showing the water levels following a flooding event.

Hopefully this report should be sufficient to clarify the dam surface area uncertainty, as the dam coordinates proposed are determined by Geo Res Globe.

Please let me know if you would like any additional information.

Thank you for your time and assistance with this

Kindest Regards

[redacted]

Nicolas von Alvensleben, Mining Tenure Agent, AHR for ML 100524

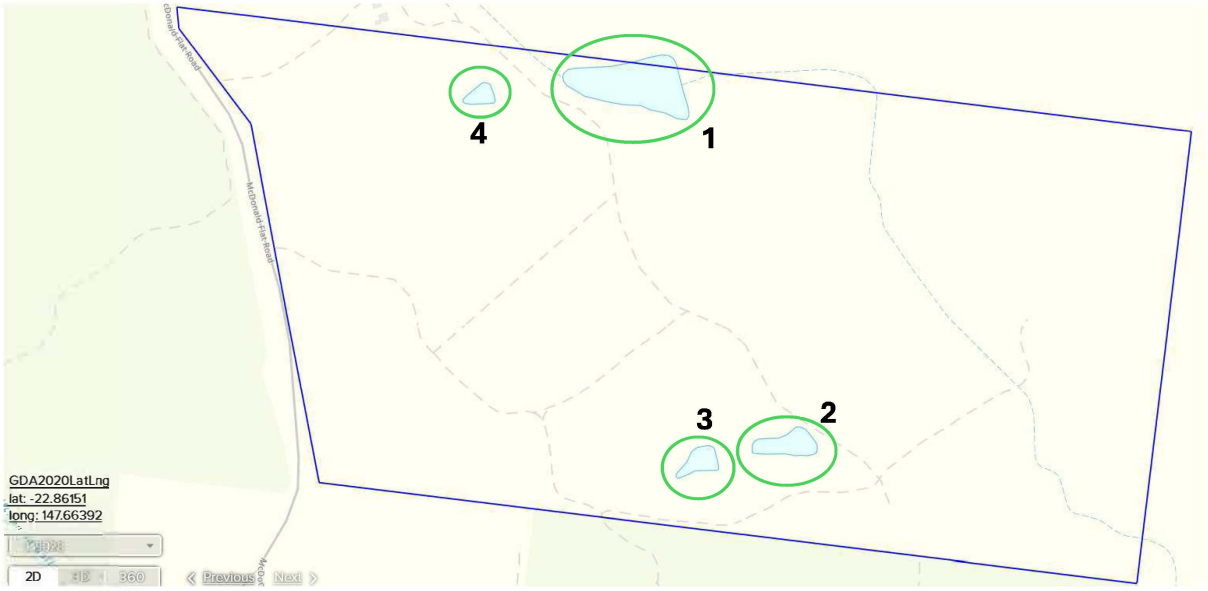



**Figure 1:** Geo Res Globe Image of the Proposed Mining Lease ML 100524 and existing Dam Surfaces, as recorded by Geo Res Globe (30/03/2026). Four dams have been identified within the proposed lease area. These are labelled 1-4 for further reference.

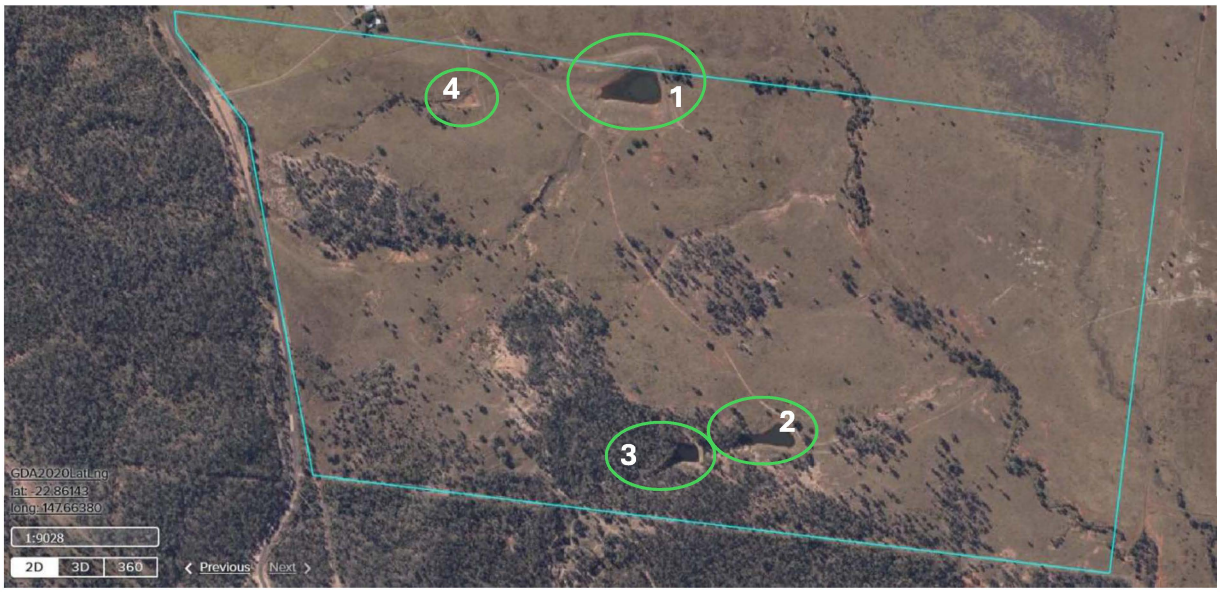



**Figure 2:** Geo Res Globe Satellite Image of the Proposed Mining Lease ML 100524 and grazing dams identified (1-4) using Geo Res Globe (30/03/2026).

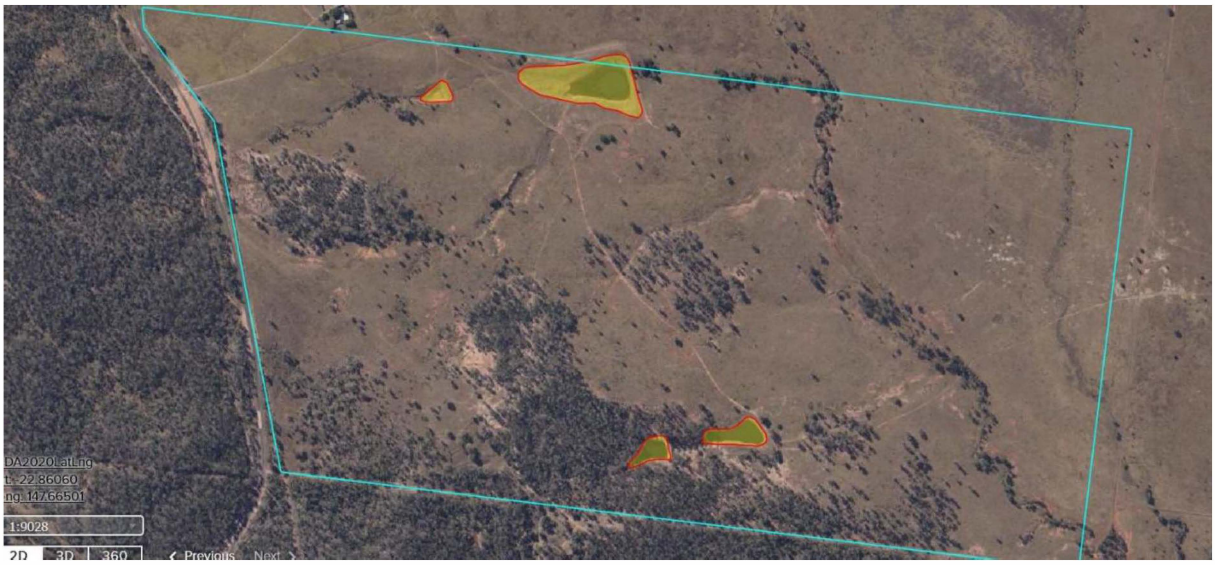



**Figure 3:** Geo Res Globe Satellite Image of grazing dam surface areas, as recorded in, and determined by Geo Res Globe (30/03/2026). Please see specific surface area details below and in the attached shapefiles, and csv files.




**Figure 4:** Geo Res Globe Image of grazing dam surface areas, as recorded in, and determined by Geo Res Globe (30/03/2026). Please see specific surface area details below and in the attached shapefiles, and csv files.

**Dam 1**

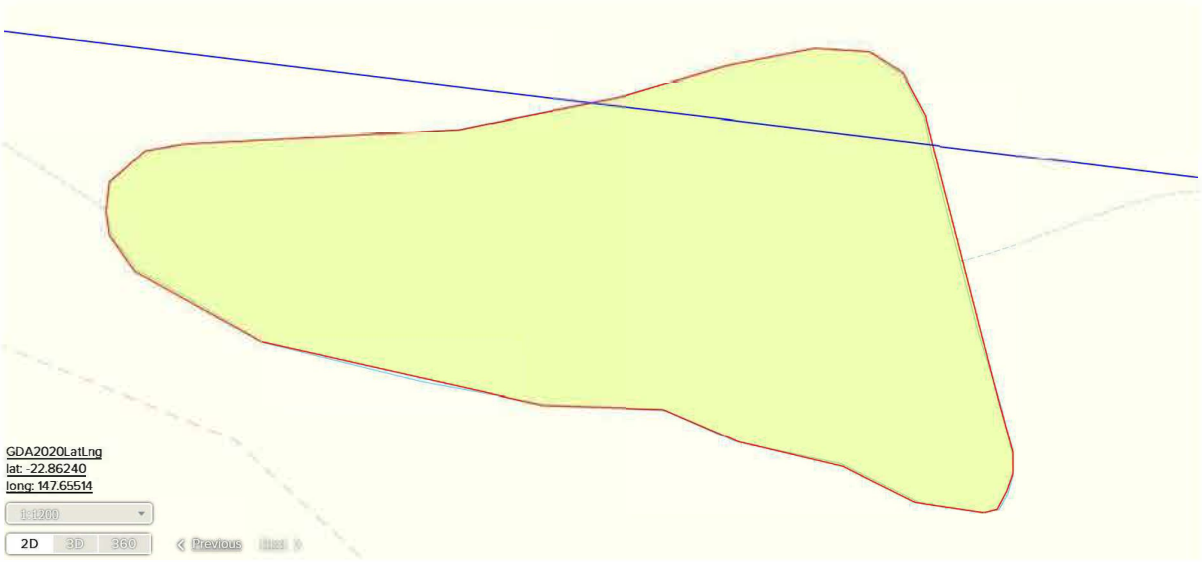



**Figure 5:** Dam 1 Coordinates as determined by Geo Res Globe (30/03/2026). Please see shapefile and CSV coordinates attached for specific mapping and coordinate details. Please cross-reference with recorded Geo Res Globe data for this dam.

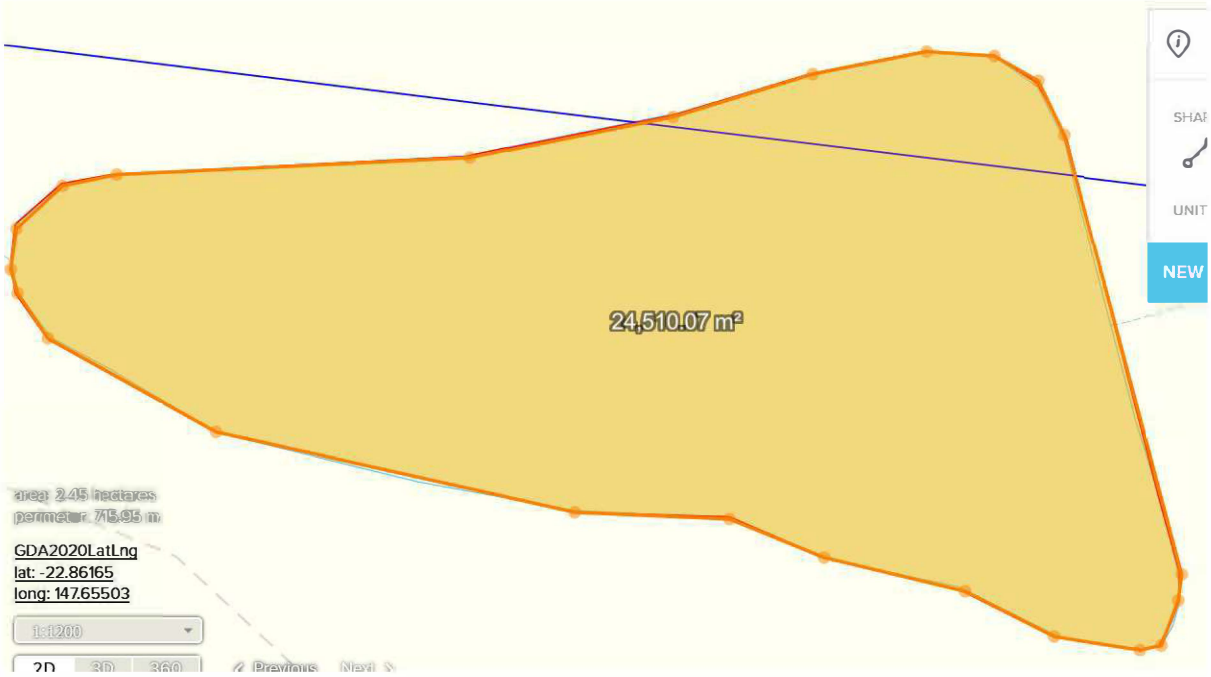



**Figure 6:** Dam 1 Surface area as determined by Geo Res Globe (30/03/2026). Please see shapefile and CSV coordinates attached for specific mapping and coordinate details.

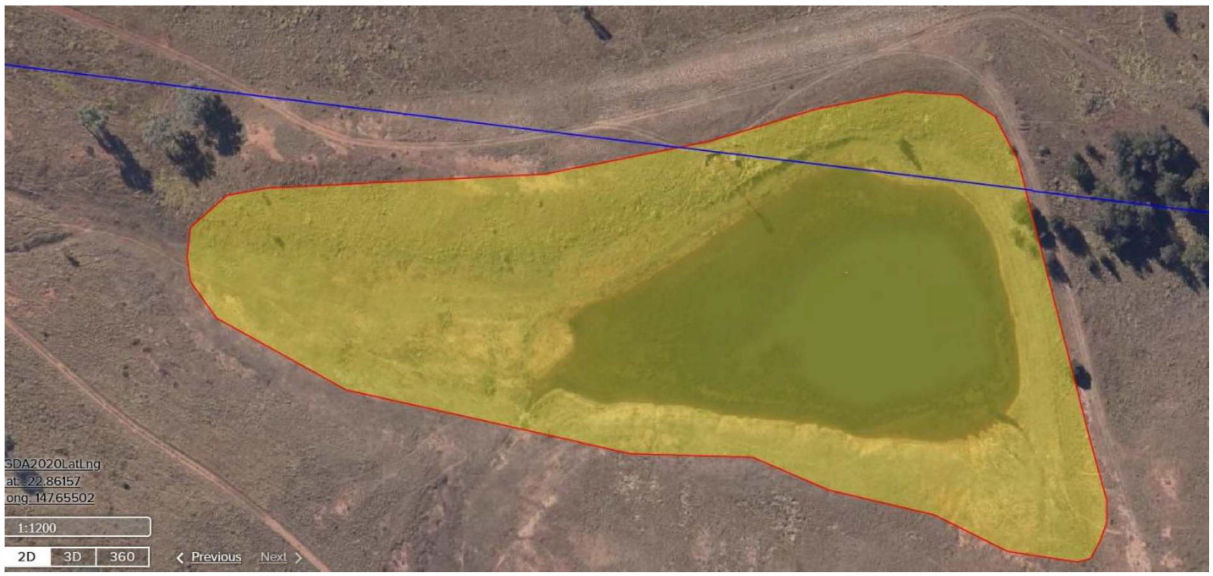



**Figure 7:** Dam 1 Surface area as determined by Geo Res Globe overlaid on a satellite image (30/03/2026). Please see shapefile and CSV coordinates attached for specific mapping and coordinate details.

**Dam 2**

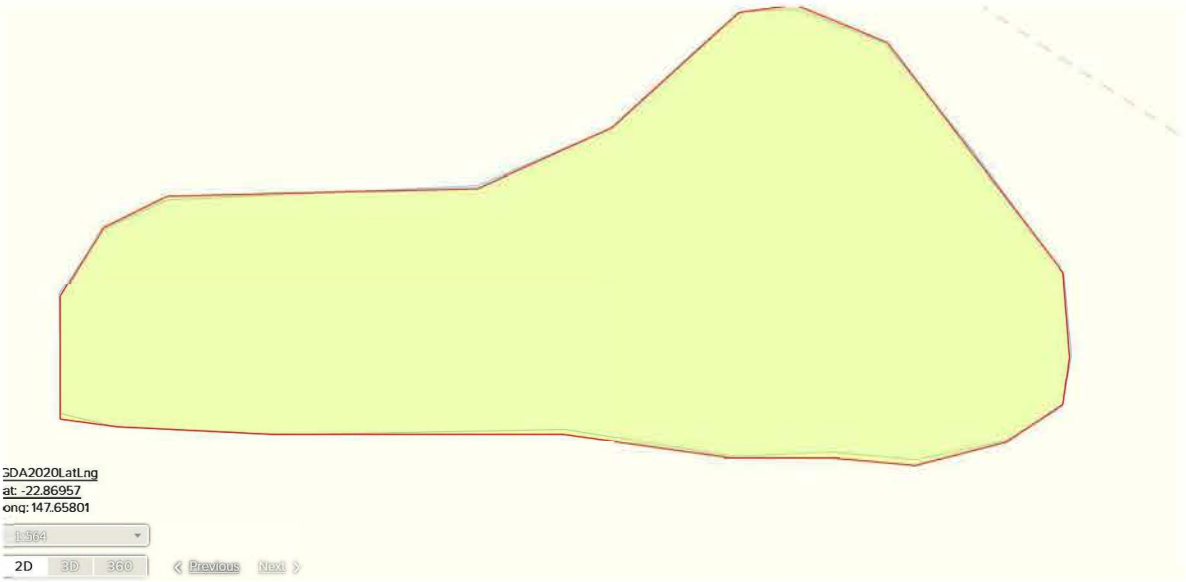



**Figure 8:** Dam 2 Coordinates as determined by Geo Res Globe (30/03/2026). Please see shapefile and CSV coordinates attached for specific mapping and coordinate details. Please cross-reference with recorded Geo Res Globe data for this dam.




**Figure 9:** Dam 2 Surface area as determined by Geo Res Globe (30/03/2026). Please see shapefile and CSV coordinates attached for specific mapping and coordinate details.

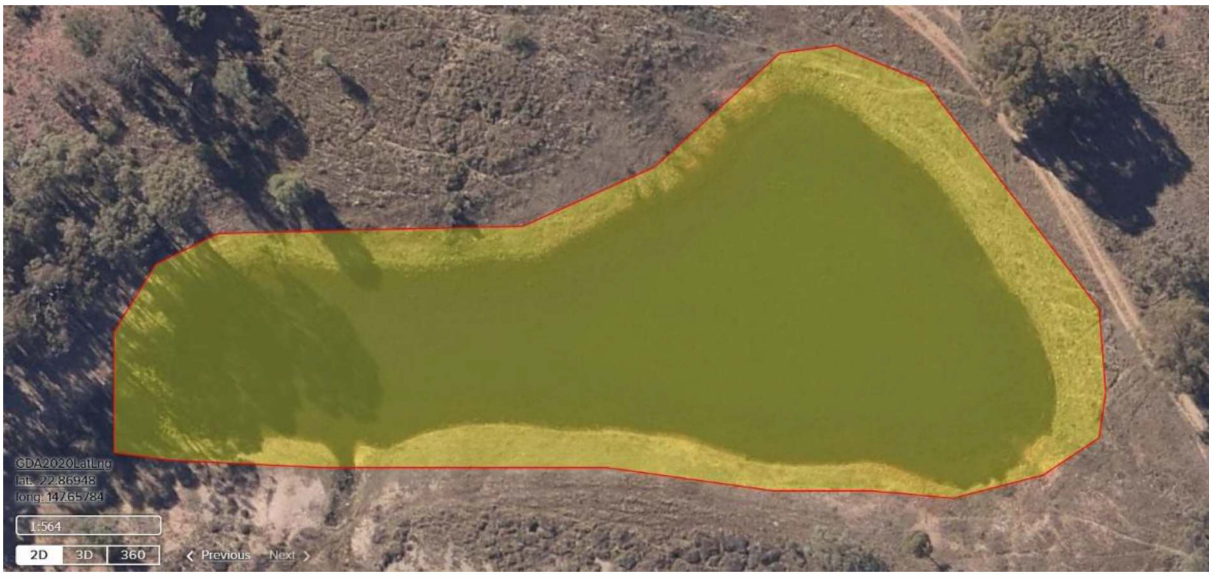



**Figure10:** Dam 2 Surface area as determined by Geo Res Globe overlaid on a satellite image (30/03/2026). Please see shapefile and CSV coordinates attached for specific mapping and coordinate details.

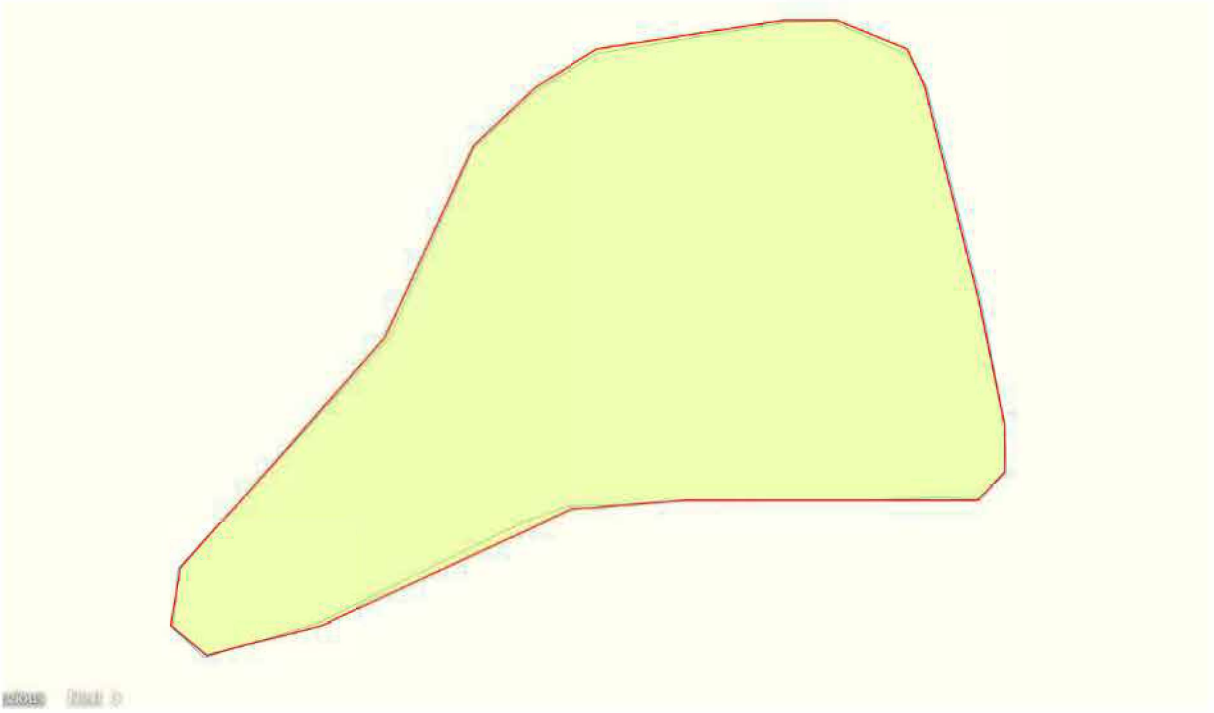


**Figure 11:** Dam 3 Coordinates as determined by Geo Res Globe (30/03/2026). Please see shapefile and CSV coordinates attached for specific mapping and coordinate details. Please cross-reference with recorded Geo Res Globe data for this dam.

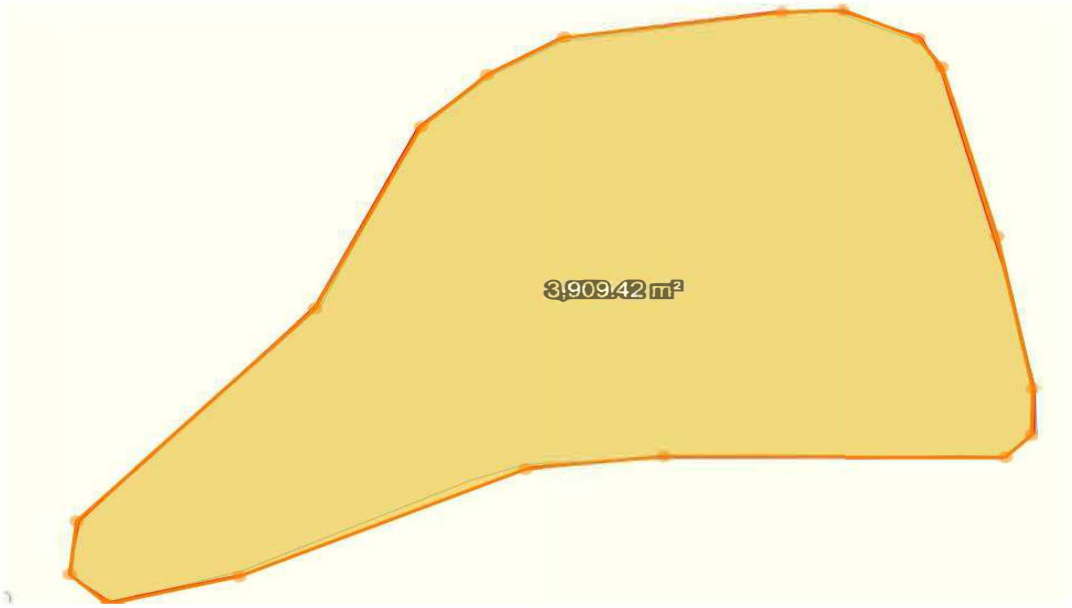



**Figure 12:** Dam 3 Surface area as determined by Geo Res Globe (30/03/2026). Please see shapefile and CSV coordinates attached for specific mapping and coordinate details.

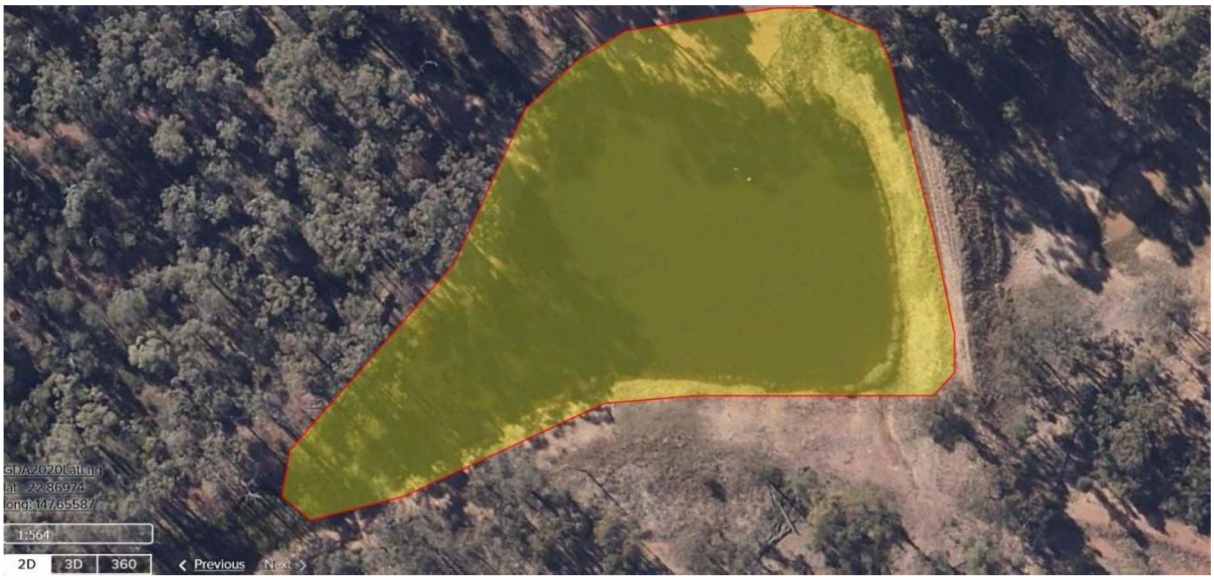



**Figure 13:** Dam 2 Surface area as determined by Geo Res Globe overlaid on a satellite image (30/03/2026). Please see shapefile and CSV coordinates attached for specific mapping and coordinate details.

**Dam 4**

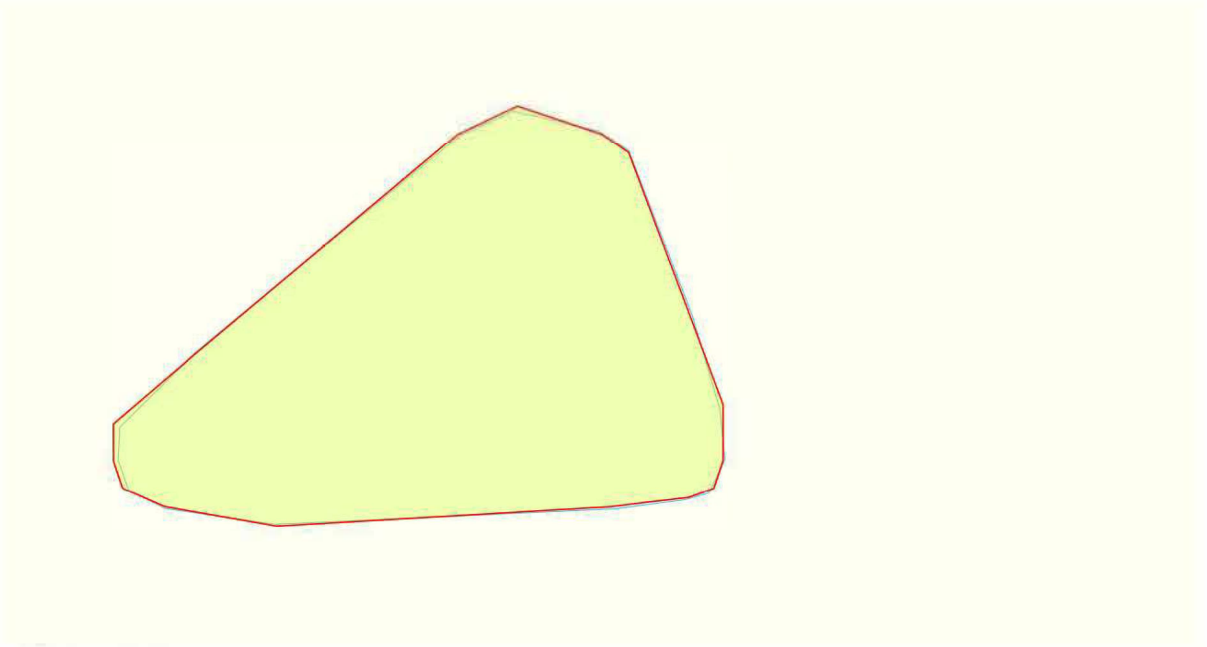


**Figure 14:** Dam 4 Coordinates as determined by Geo Res Globe (30/03/2026). Please see shapefile and CSV coordinates attached for specific mapping and coordinate details. Please cross-reference with recorded Geo Res Globe data for this dam

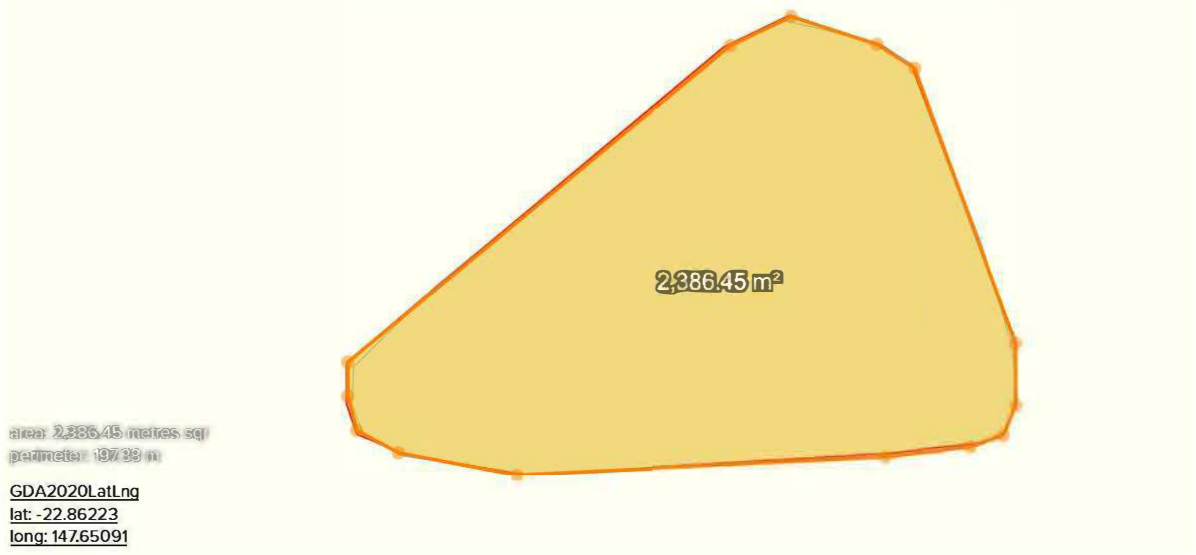



**Figure 15:** Dam 4 Surface area as determined by Geo Res Globe (30/03/2026). Please see shapefile and CSV coordinates attached for specific mapping and coordinate details.



**Figure 16:** Dam 2 Surface area as determined by Geo Res Globe overlaid on a satellite image (30/03/2026). Please see shapefile and CSV coordinates attached for specific mapping and coordinate details.

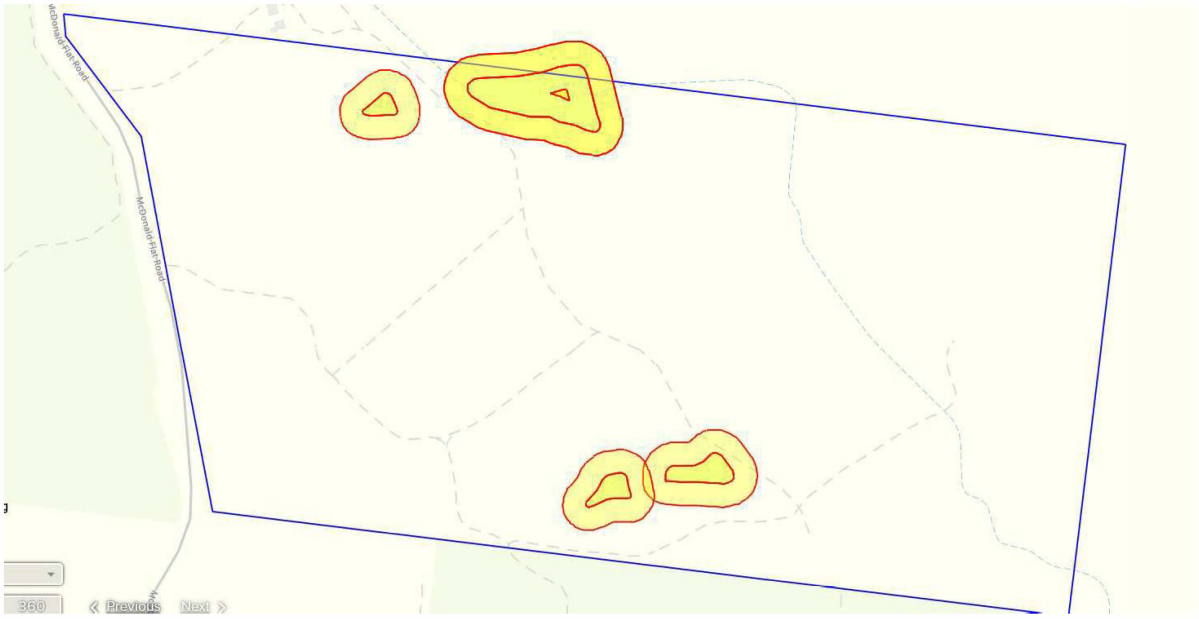



**Figure 17:** All identified dam surface areas (1-4) as determined by Geo Res Globe with a 50m buffer included (30/03/2026). Please see shapefile and CSV coordinates attached for specific mapping and coordinate details.

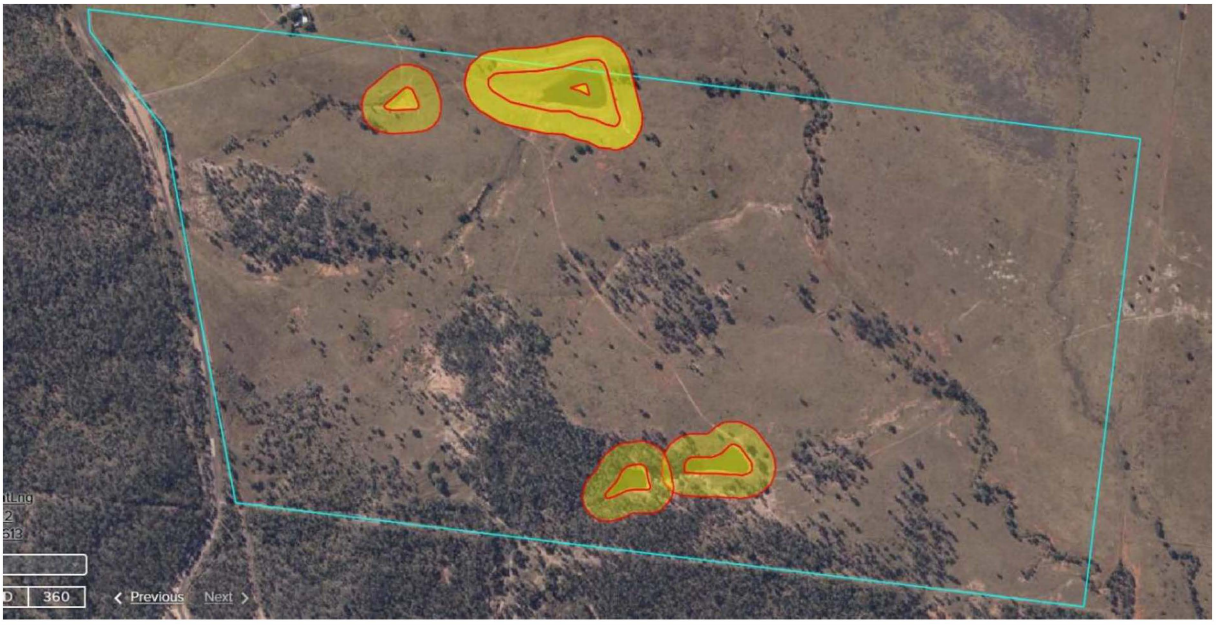



**Figure 18:** All dam surface areas with a 50m buffer included as determined by Geo Res Globe (1-4) overlaid on a satellite image (30/03/2026). Please see shapefile and CSV coordinates attached for specific mapping and coordinate details.

**Drone Images of the dams being assessed for ML 100524**

Please note photos are taken on the 2nd of April 2026 following a significant flood event in the Clermont area. Dam and water levels shown are likely considerably higher than average annual levels level.



**Figure 19:** North-facing view of Dam 1 (02/04/2026), showing the tributary supplying the dam (light blue).



**Figure 20:** Overhead view of the East, North/Eastern section Dam 1 (02/04/2026).



**Figure 21:** Overhead view of the Western Section of Dam 1 (02/04/2026).



**Figure 22:** Geo Res Globe delineation of Dam 1 (Light Blue). Maximum Dam 1 level in flood conditions (Dark blue) extrapolated from drone images and environmental features (Figures 19-21) of Dam 1 following the 2026 flood event.

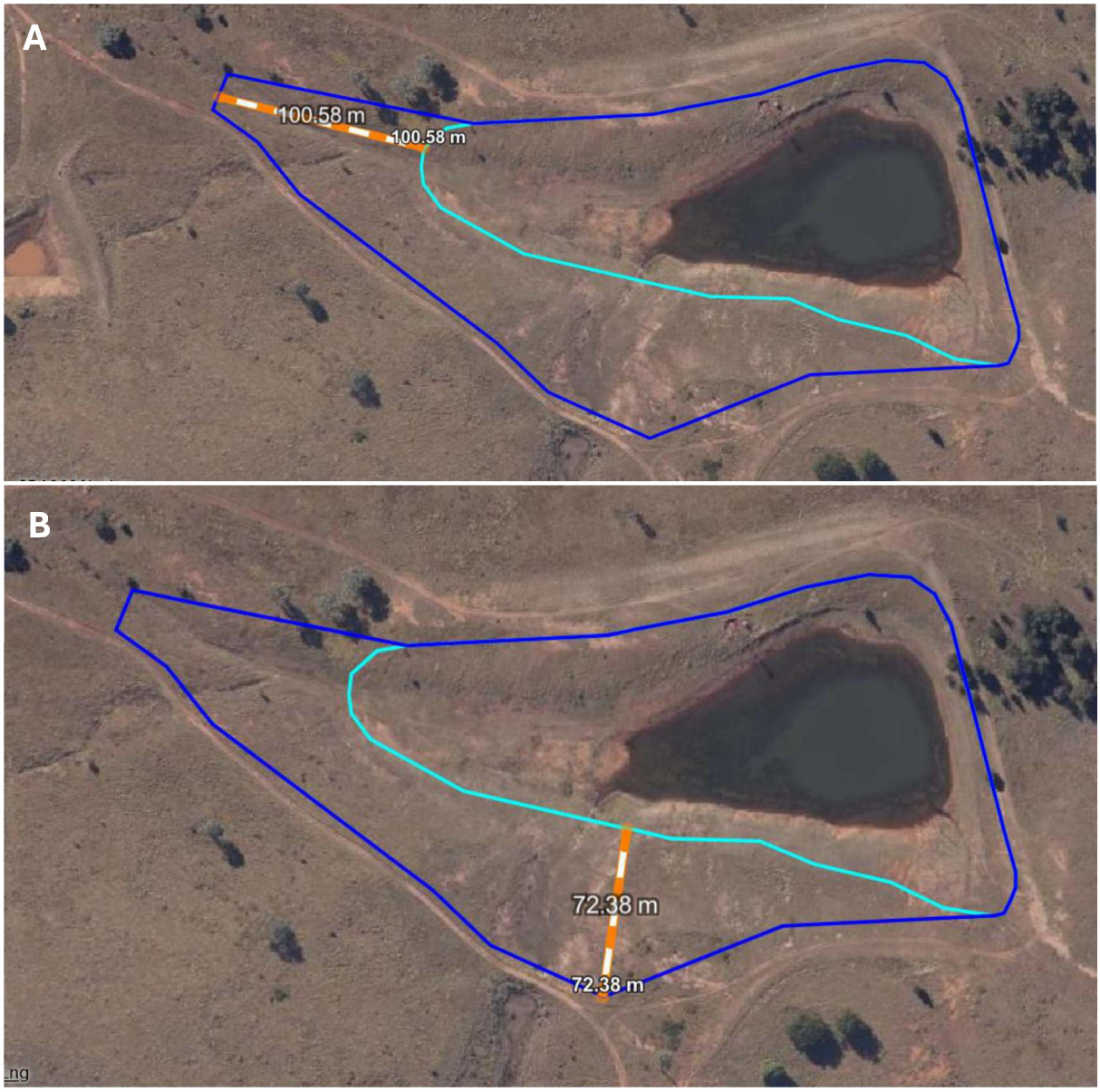



**Figure 23:** Dam 4 flood line extension measurements provided by Geo Res Globe show an extension to the west of approximately 100m (A), and an extension to the south of approximately 73m (B). Geo Res Globe delineation of Dam 1 (Light Blue). Maximum Dam 1 level in flood conditions (Dark blue) extrapolated from drone images and environmental features (Figures 19-21) of Dam 1 following the 2026 flood event.



**Figure 24:** Overhead view of Dam 2 (02/04/2026).

[redacted]



**Figure 25:** Overhead view of the Eastern section of Dam 2 (02/04/2026).

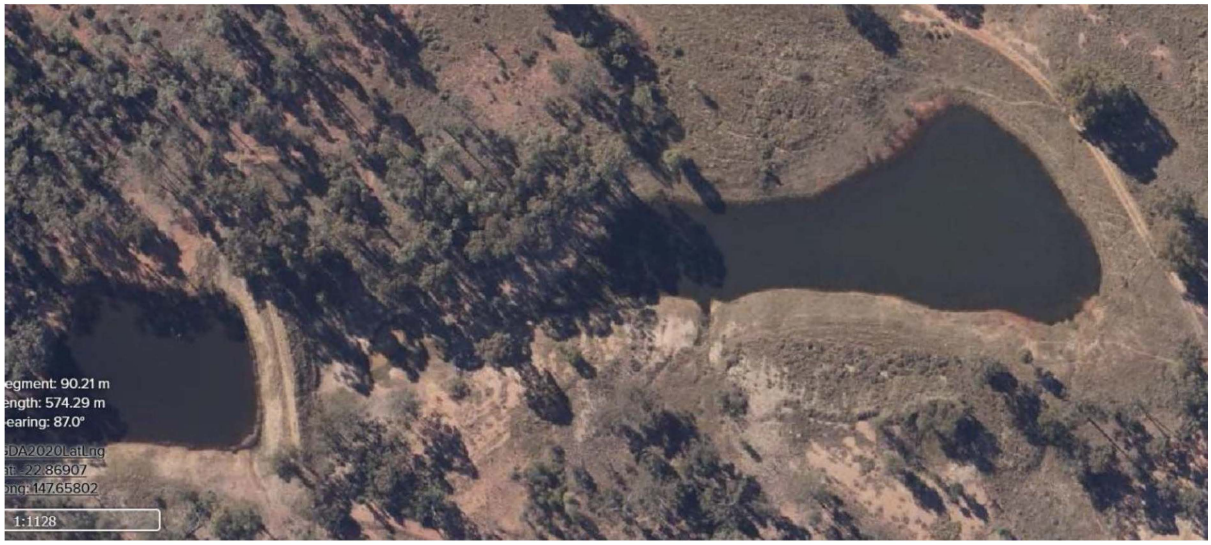



**Figure 26:** Geo Res Globe Satellite image (14/04/2026) of Dam 2 for reference, and comparison to drone images. Drone images of water levels/surface area coverage or change, do not appear to vary significantly compared to water levels shown in Geo Res Globe satellite images of Dam 2 (Figures 24 and 25).



**Figure 27:** Overhead view of the Eastern section of Dam 3 (02/04/2026).



**Figure 28:** Overhead view of the Western section of Dam 3 (02/04/2026).



**Figure 29:** Geo Res Globe Satellite image (14/04/2026) of Dam 3 for reference, and comparison to drone images. Drone images of water levels/surface area coverage or change, do not appear to vary considerably compared to water levels shown in Geo Res Globe satellite images of Dam 3 (Figures 27 and 28).



**Figure 30:** North West facing view of the Western section of Dam 1 (02/04/2026), showing its tributary and Dam 4.



**Figure 31:** West facing view of the Western section of Dam 1 (02/04/2026), showing Dam 4.



**Figure 32:** West facing view of the Western section of Dam 1 (02/04/2026), showing Dam 4.



**Figure 33:** Geo Res Globe delineation of Dam 4 (Light Blue). Maximum Dam 4 level in flood conditions (Dark blue) extrapolated from drone images and environmental features (Figures 30-32) of Dam 4 following the 2026 flood event.

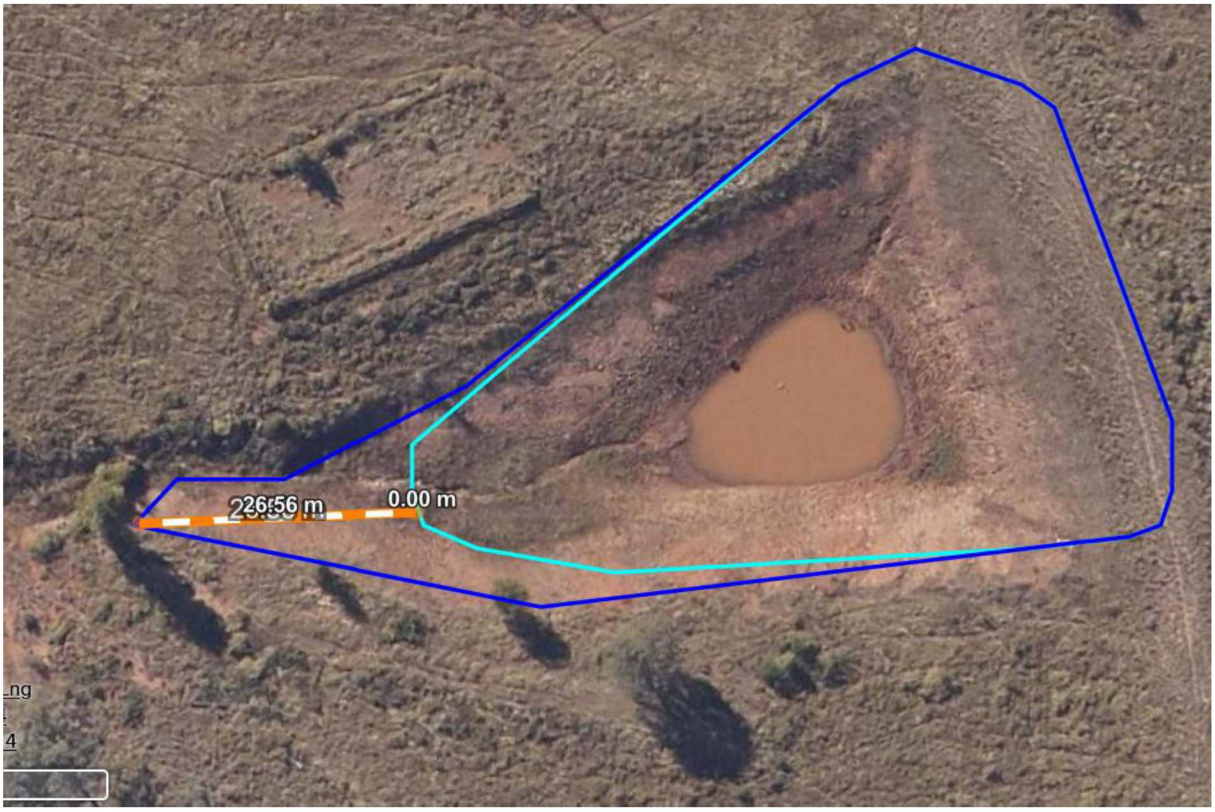



**Figure 34:** Dam 4 flood line extension measurements provided by Geo Res Globe show an extension to the west of approximately 30m. Geo Res Globe delineation of Dam 4 (Light Blue). Maximum Dam 4 level in flood conditions (Dark blue) extrapolated from drone images and environmental features (Figures 30-32) of Dam 4 following the 2026 flood event.

**Flood line 50m Buffer zone estimates**

The following figures show estimated 50m buffer zones around the four dams on the proposed mining lease site at maximum capacity, following the 2026 Clermont flooding event.

It is unlikely the dams at maximum capacity represents the average annual/seasonal dam level, and the following figures may be an overestimate. However, it would require additional footage and site visits over the following months to determine the exact decrease and adjustment in water levels during periods without rain.




**Figure 35:** 50m buffer zone around the estimated maximum water level of Dam 1, following the 2026 Clermont flooding event (Geo Res Globe, 15/04/2026).

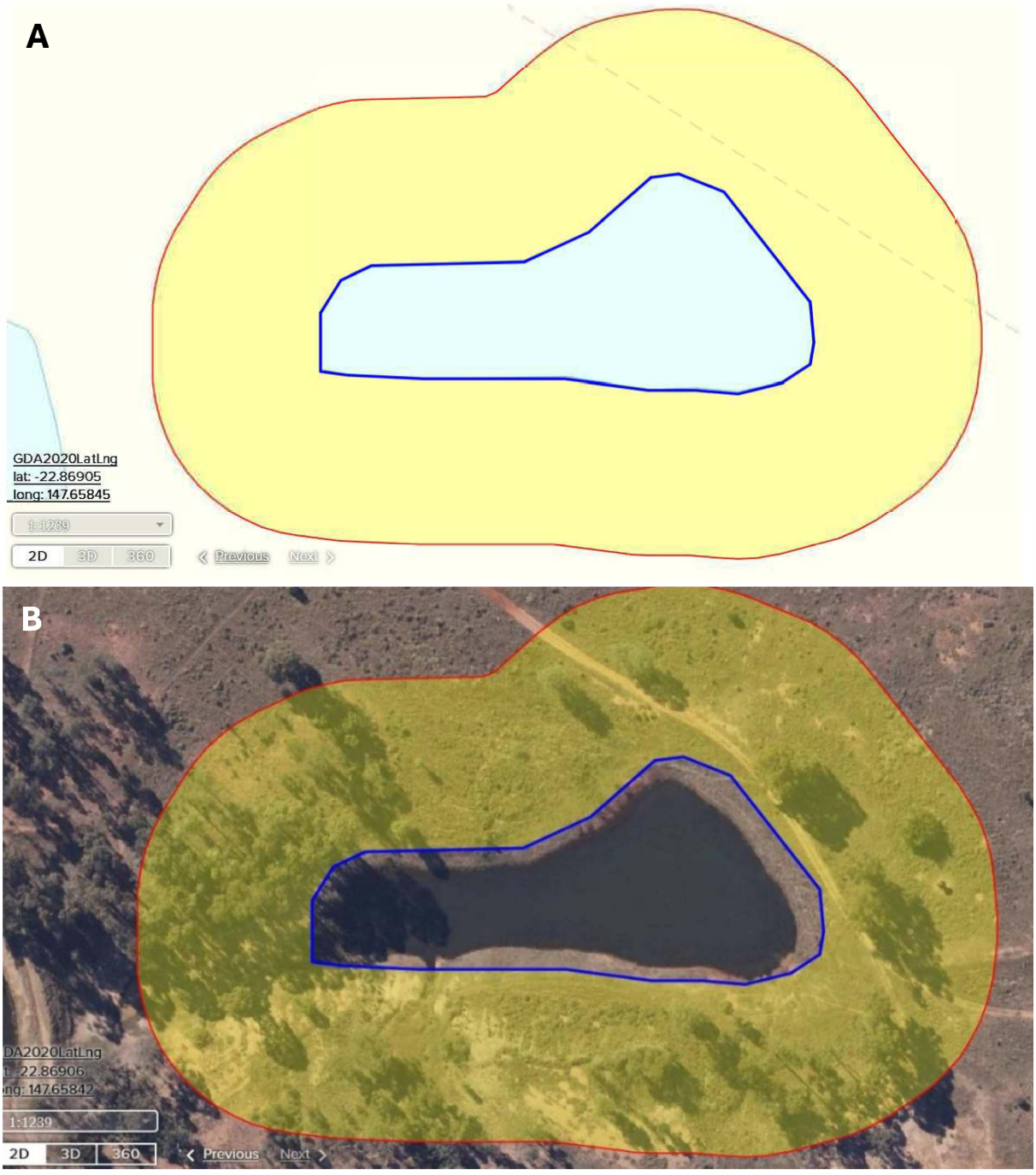



**Figure 36:** 50m buffer zone around the estimated maximum water level of Dam 2, following the 2026 Clermont flooding event (Geo Res Globe, 15/04/2026).

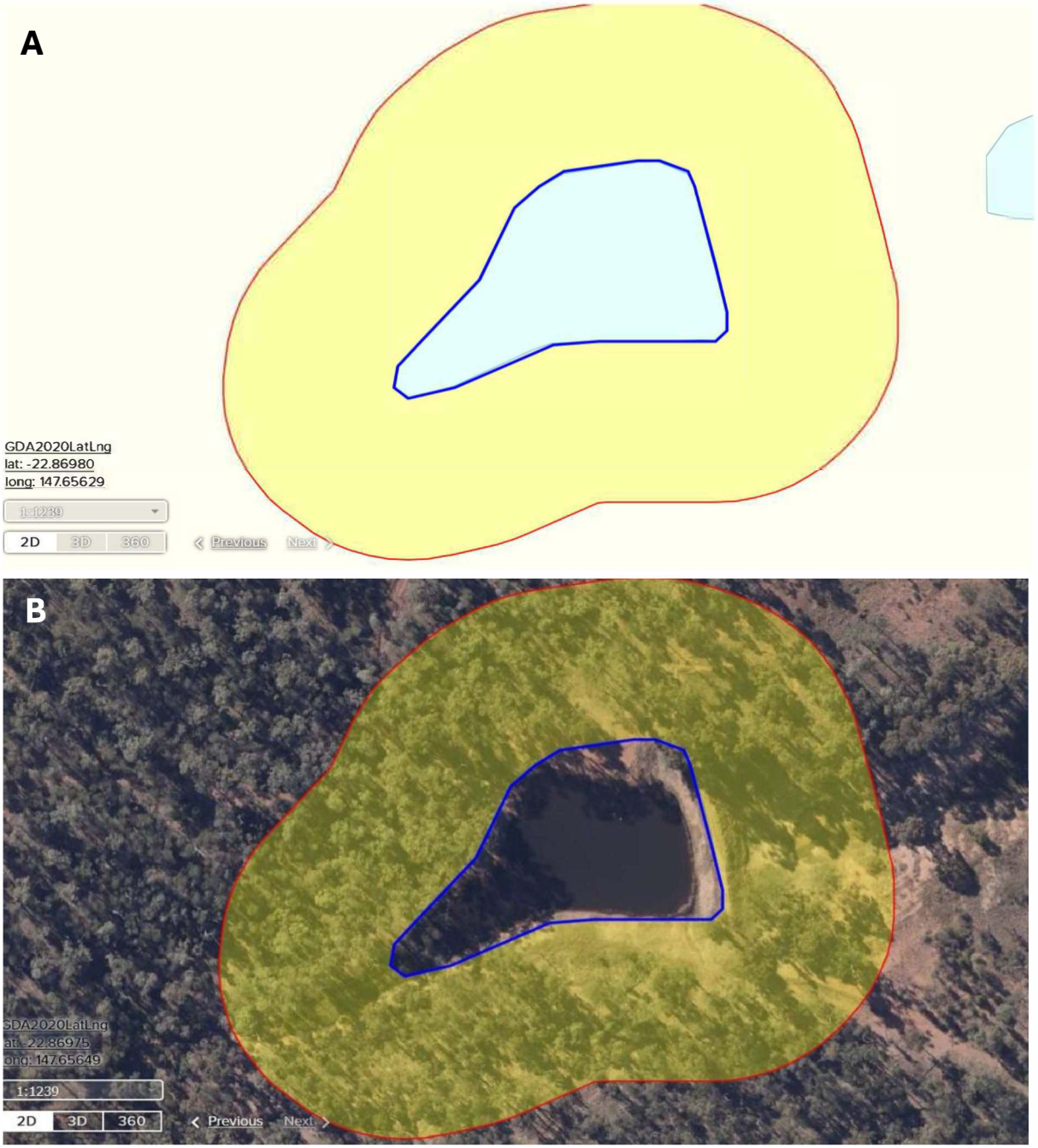



**Figure 37:** 50m buffer zone around the estimated maximum water level of Dam 3, following the 2026 Clermont flooding event (Geo Res Globe, 15/04/2026).




**Figure 38:** 50m buffer zone around the estimated maximum water level of Dam 4, following the 2026 Clermont flooding event (Geo Res Globe, 15/04/2026).

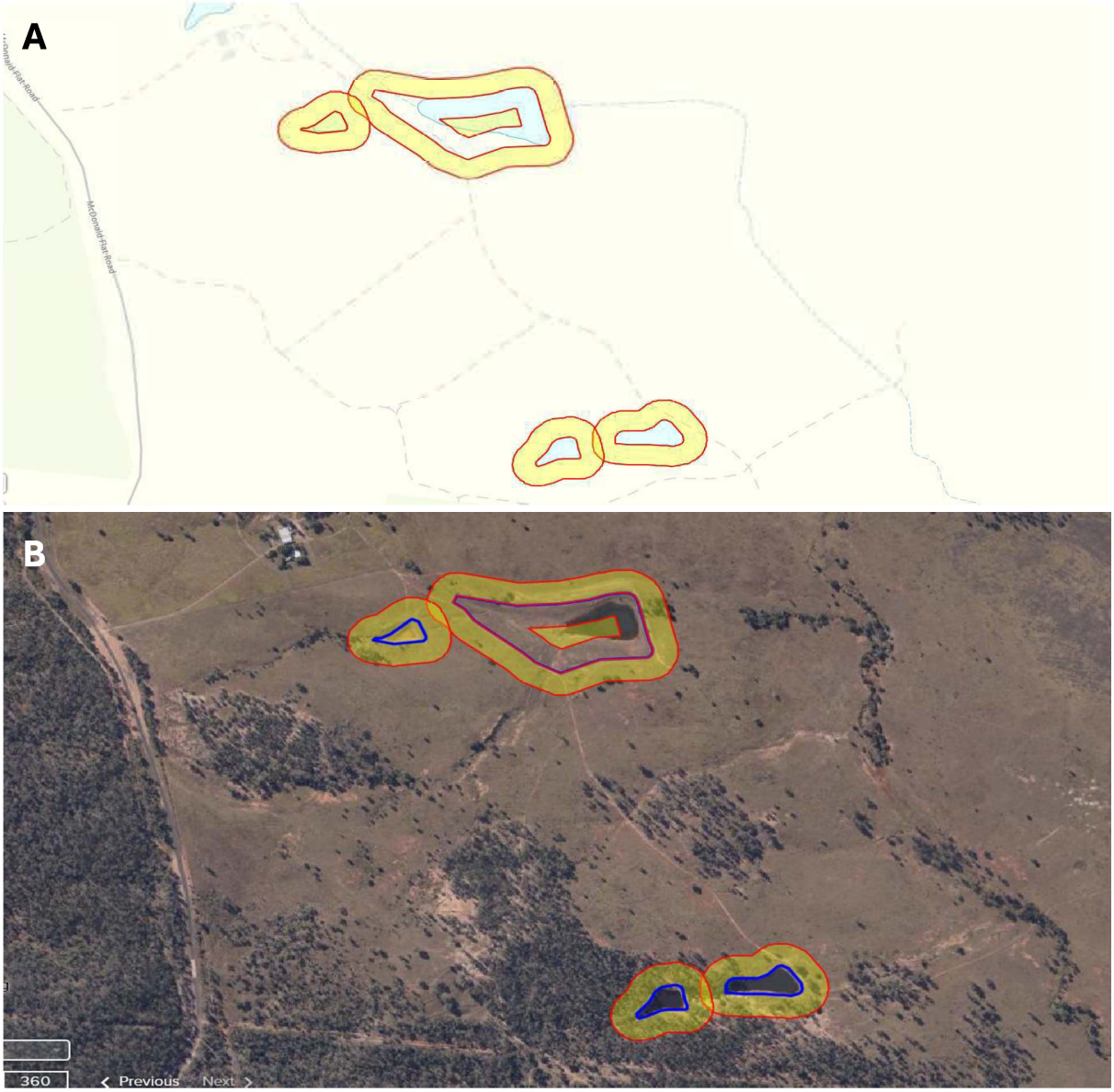



**Figure 38:** Overview of 50m buffer zones around the estimated maximum water level of all four Dams on the proposed mining lease site, following the 2026 Clermont flooding event (Geo Res Globe, 15/04/2026).

**Partial abandonment request and attachment**

**From:** Nick von Alvensleben <[redacted]>
**Sent:** Friday, 26 June 2026 11:21 PM
**To:** Mineral Hub
**Subject:** Re: FW: Application requirements for - ML 100524

Dear [redacted]

I hope this finds you and the team well.

Thank you for your mail. Apologies for the delay organising the partial surrender. I've been quite swamped recently.

I have discussed the partial surrender details with the permit holders and they would like to amend the shape of the proposed lease MC 100524, to avoid the Ergon infrastructure and the 200m buffer zone surrounding the neighbouring homestead.

For this, please find attached a letter from the permit applicants requesting the partial surrender, a Shapefile and CSV file with the new permit coordinates, a CSV file for the new access permit coordinates, as well as an updated permit coordinate description form.

Please let me know if these documents are sufficient to organise the boundary amendment, or whether you would like any additional information.

Thank you for your time and assistance

Kindest Regards

Nick

**Dr Nicolas von Alvensleben**

**Rubyvale, Central Queensland**

[redacted]

GEMFIELDS MINING SERVICES

[redacted]

GEMFIELDS MINING SERVICES

**ML 100524**

Gavin Frost and Peter Smith

Mining Lease Boundary Amendment Request

25/06/2026

To whom it may concern,

We, Gavin Frost and Peter Smith have considered the compliance requirements for the original lease proposal, ML100524, including Ergon Electricty infrastructure and the location of the Lands Lease homestead (10CLM452) within 200m.

As a result of the various requirements, we would like submit a partial surface surrender of ML 100524 to avoid interferring with the Ergon Electricity Network infrastructure, and to move the proposed lease boundary outside the 200m buffer area surrounding the Lands Lease homestead (10CLM452) (Please see Figure 1).

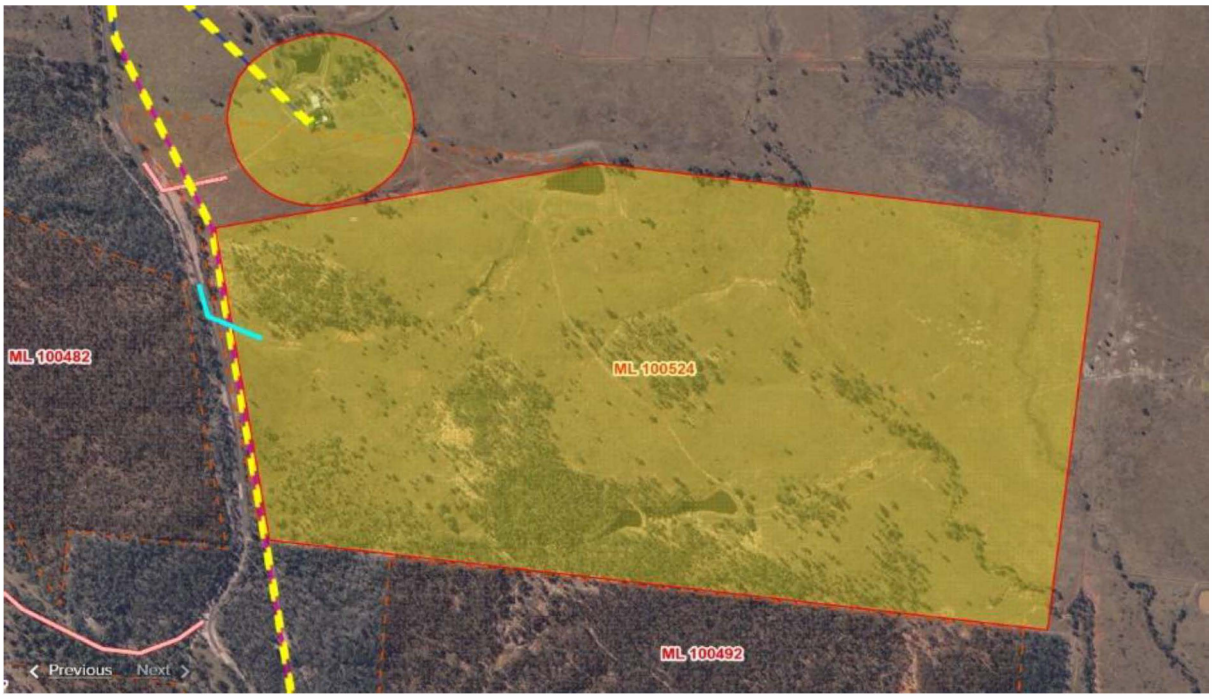



**Figure 1:** Amended boundary coordinates for ML 100524, to exclude Ergon Energy powerline infrastructure and the 200m buffer zone around the Lands Lease property (10CLM452). The updated access is shown in blue.

The proposed new boundary of ML 100524 is located approximately 10m away from the 200m buffer around Lands Lease property 10CLM452 (Please see Figure 2).

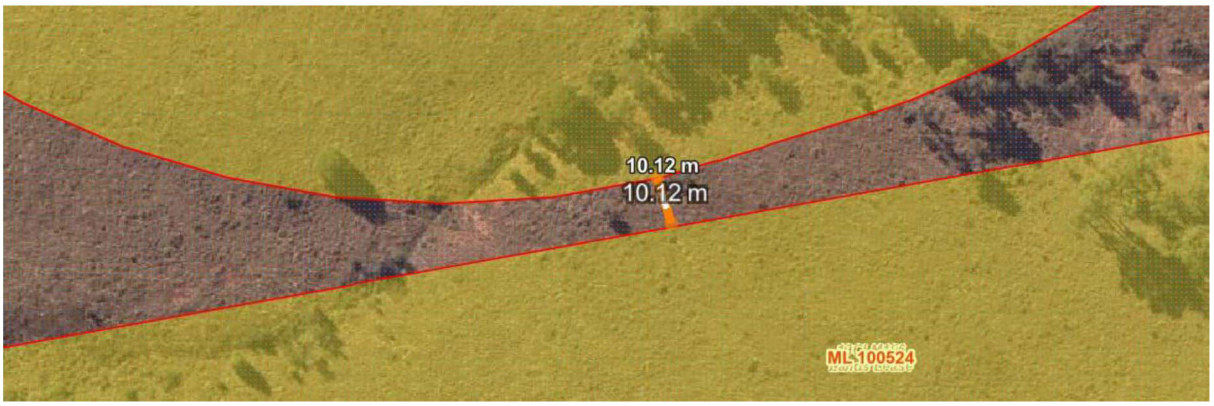



**Figure 2:** Detailed view of the distance between the 200m buffer zone boundary and the new lease boundary.

As a result of the boundary variation, we have also amended the access accordingly, making it correspond to an existing gate in the vicinity of Mc Donald Flats Road (Please see Figure 3).

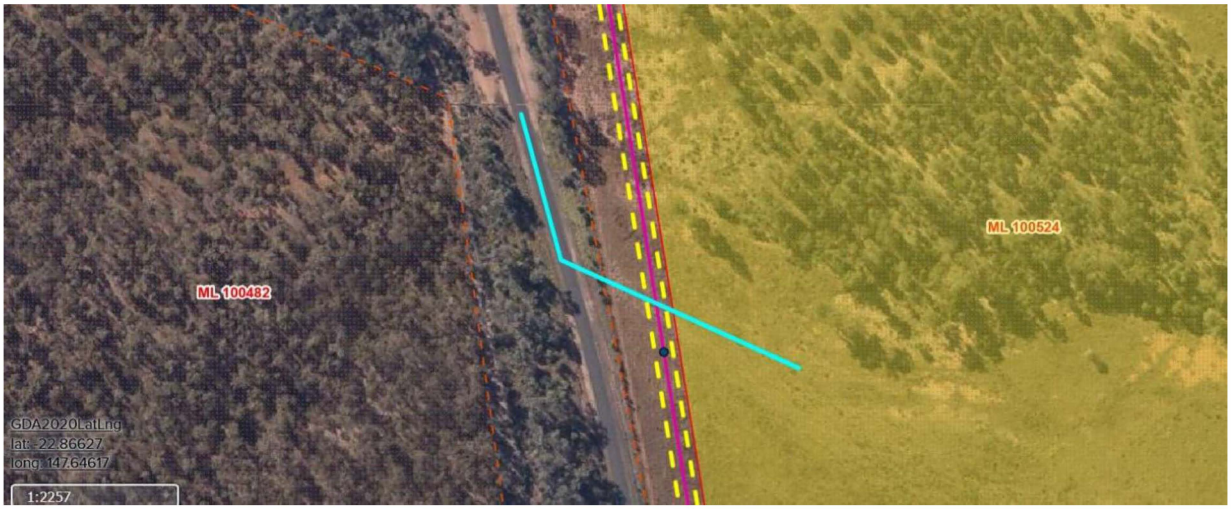



**Figure 3:** Proposed new access for the mining lease ML 100524, if the partial surrender and boundary variation are accepted.

To assist with this boundary variation, please find included in the attached documents:

- A Shapefile and CSV file of the proposed new shape and coordinates of ML 100524
- A CSV file of the proposed new access

GEMFIELDS MINING SERVICES

Please let us know if you would like any additional information for this partial surface surrender of ML 100524.

Thank you for your time and assistance

Kindest Regards

[redacted]

Gavin Frost and Peter Smith

**Partial abandonment recommendations to AHR and AHR acceptance**

**From:** Nick von Alvensleben [redacted]
**Sent:** Wednesday, 5 August 2026 9:44 PM
**To:** Mineral Hub
**Subject:** Re: ML 100524 - Partial abandonment shapefiles and info

Dear [redacted]

I hope this finds you and the team well.

Apologies for the very slow reply to your mail.

I have discussed the amendments with the permit applicants and they are happy with the changes.

As a result, please consider the amendments approved by the permit applicants.

Thank you for all your time and assistance with this application

Have a great day

Kindest Regards

Nick

**Dr Nicolas von Alvensleben**

**Rubyvale, Central Queensland**

[redacted]

GEMFIELDS MINING SERVICES

[redacted]

On Fri, Jul 17, 2026 at 7:19 AM Mineral Hub <MineralHub@nrmmrrd.qld.gov.au> wrote:

OFFICIAL

Good morning Nick,

In reference to the Partial abandonment for ML 100524, please refer attached and information provided by our spatial team for your review and endorsement.

Attached shapefiles include:

- Reduced permit boundary (*ML100524_ExtentReducedWithExtraPosts)*
- Surface area buffer around the dams (*ML100524_SurfaceAreaBufferedSpatial)*
- New access (*ML100524_AccessTrimmed)*

The intent of the original boundary description for ML 100524 was to sit within lot 13 on CLM156.

To finalise the permit boundary extent there are 2 additional co-ordinates captured, as the abutment of 13CLM with surrounding lot on plans was not quite a straight line.

Additional co-ordinates and visual representation are detailed in the attached PDF document.

The surface area of ML 100524 with the dam buffers was created using co-ordinates/report you provided and data/imagery available to our spatial team. The buffer area around dam3 has been increased slightly from what you proposed.

The reduced permit boundary, proposed dam buffers and new access are captured in visual representation in the attached map.

ML 100524 area:

- Original permit area at lodgement - 208.26 hectares (ha)
- Reduced permit area - 190.74 ha
- Surface area - 177.51 ha

Please review. If you are satisfied with the information captured in this email, please confirm by reply email to allow us to action the partial abandonment and finalise the area validation for ML 100524.

If you have any questions or concerns, please give me a call.

Regards,

[redacted]

**Mineral Assessment Hub | Georesources Delivery**

Department of Natural Resources and Mines, Manufacturing and Regional and Rural Development

**P:** 07 4447 9230

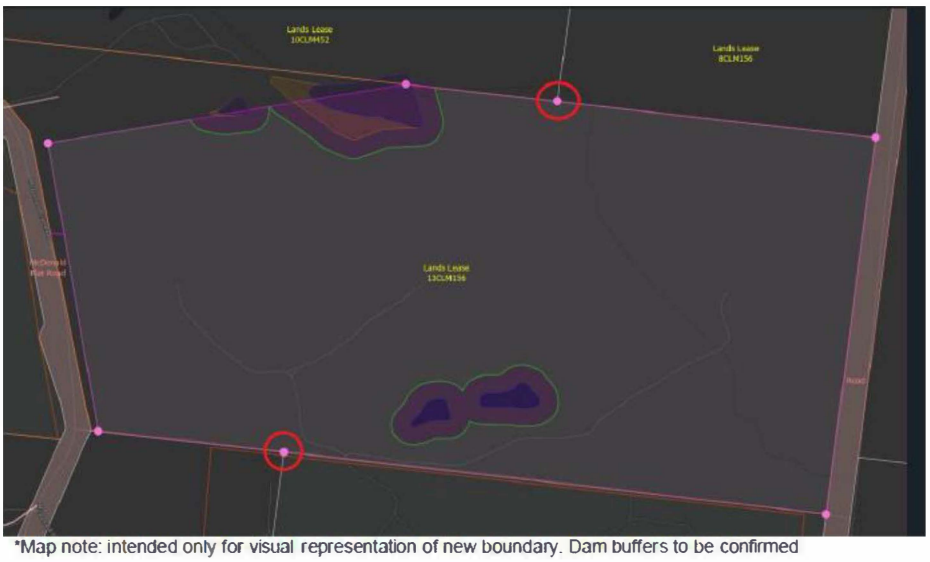
**A:** Level 9, 445 Flinders St, Townsville, QLD 4810 | PO Box 1752, Townsville, QLD 4810
**E:** mineralhub@nrmmrrd.qld.gov.au
**W:** www.nrmmrrd.qld.gov.au

DELIVERING FOR QUEENSLAND | Queensland Government

**ML 100524**

**Partial Abandonment. New boundary co-ordinates**

| Post | Longitude (GDA2020) | Latitude (GDA2020) | Comment |
|---|---|---|---|
| 1 | 147.6547 | -22.8621 | Datum |
| 2 | 147.6584 | -22.8625 | New northern post |
| 3 | 147.6662 | -22.8634 | NE post |
| 4 | 147.665 | -22.8725 | SE post |
| 5 | 147.6517 | -22.871 | New southern post |
| 6 | 147.6472 | -22.8705 | SW post |
| 7 | 147.6459 | -22.8635 | NW post |



*Map note: intended only for visual representation of new boundary. Dam buffers to be confirmed

# ML 100524 Partial abandonment. Dark green = Original boundary.

**Light green = new boundary surface area. Yellow = dam buffer removed from surface area. Blue = new access**




A product of
GeoResGlobe



Legend located on next page

N

0 250 metres

Scale: 1:14000

Printed at: A4
Print date: 16/7/2026
**Projection:** Web Mercator EPSG 102100 (3857)

For more information, visit https://georesglobe.information.qld.gov.au/help-info/Contact-us.html

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Queensland Government
Department of Natural Resources and Mines, Manufacturing, and Regional and Rural Development

# ML 100524 Partial abandonment. Dark green = Original boundary.

**Light green = new boundary surface area. Yellow = dam buffer removed from surface area. Blue = new access**

## Legend

- POLYGON-ML100524_ExtentReducedWithExtraPosts.zip - poly
- POLYGON-ML100524_SurfaceAreaBufferedSpatial.zip - poly
- POLYLINE-ML100524_AccessTrimmed.zip - line
- ML infrastructure permit application
- ML infrastructure surface area application
- ML infrastructure access application
- ML infrastructure permit granted
- ML infrastructure surface area granted
- ML infrastructure access granted
- Road parcel
- Cadastre (DCDB) parcel

**Places: ML permit application**

- ML 100524

## Attribution

Esri, Geoscience Australia, NASA, NGA, USGS

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