GEORESOURCES TEMPLATE

[Use this template to lodge an initial development plan for:

* a mining lease (current) that has crossed the prescribed threshold and is now a new prescribed mineral mining lease; or
* a later development plan for an existing prescribed mineral mining lease, for a renewal, the end of a development plan period or for a significant change]

**Company**

**Mine/Project Name**

**Mining Lease(s):**

[insert numbers]

Choose an item. Development Plan

For period: Click or tap to enter a date. To Click or tap to enter a date. (proposed dates - to max of 5 years).

Company details: (address/contact information)

**Prologue:**

|  |  |
| --- | --- |
| Type of Mining lease | Requirements for development plan |
| New prescribed mineral mining lease – initial development plan | Section 317K  Section 317N |
| Existing prescribed mineral mining lease – later development plan | Section 317K  Section 317Q  Section 317T |

Requirements under *Section 317K* of *the Mineral Resources Act 1989 (The MRA).*

1. The period of the proposed development plan.
2. An overview of the activities proposed to be carried out under the current or proposed mining lease(s) during all the proposed term.
3. For each year of the plan period-
   1. The nature and extent of activities proposed to be carried out under the proposed mining lease during the year.
   2. And, where the activities are proposed to be carried out.
4. For each mineral-
   1. The location and an estimate of the resources of the mineral(s) in the whole project.
   2. The standards and procedures used to make the estimate.
   3. The rate and amount of the proposed mining.
   4. When the proposed mining is to start.
   5. A schedule for the proposed mining during the plan period.
5. Maps or other documents (e.g., 3d views, wireframes) that show and support the information provided at points 3 and 4 above.
6. [If part of a project] - It describes the relationships of all leases in the project to the development plan.
7. It explains how the plan is appropriate.

Requirements under section 317Q of the MRA - LATER DEVELOPMENT PLANS ONLY

1. Comply with initial development plan requirements (see above)
2. Highlight any significant changes from the current development plan.
3. State whether the current development plan has been complied with.
4. And if the current development plan has not been complied with – provide reasons for non-compliance.

Requirement under sections 317N and 317T- Decision to approve

1. It describes how the mining project will be optimised in the best interests of the State, having regard to the public interest.
2. If the proposed plan is for the cessation or reduction of mining, reasons why these steps are reasonable’.

**This Plan is a condition of the leases included in it.**

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# Current Operations

## Introduction

## Operational overview of current activities

[insert text and locality map]

# Overview of the Plan *(Section 317K(2)(a))*

## Plan period

[insert text]

[Example - The period for which this development plan is intended is DD/MM/YYYY to DD/MM/YYYY.]

The DP plan period cannot be longer than 5 years or extend past the expiry of a mining lease included as part of this plan. If less than 5 years state why e.g. due to the expiry of ML xxxxx on xx/xx/xxxx, or mine planning is less than 5 years due to resource variability, shorter mine plan or a planned significant change in mining activities like moving from open cut to underground.

## Summary of the Plan

Table 1. Development Plan Summary

|  |  |
| --- | --- |
| **Development Plan Summary:** | |
| **Product** |  |
| **Resource Definition** |  |
| **Production Method** |  |
| **Production rate/ year** |  |
| **Target Formation/Rock/Structure etc** |  |
| **Basin/Terrain/Orogen etc** |  |
| **Location** |  |
| **Life of Mine** (LoM) |  |
| **Proposed/Existing Port /Destination?** |  |
| **First mineral produced** |  |
| **Expected employment – construction:** |  |
| **Expected employment – operation:** |  |
| **CAPEX**  **OPEX (per annum)** |  |

# Public Interest *(Section 317K(2)(f) & (g))*

Whether the mining project, will be optimised in the best interests of the State, having regard to the public interest.

Reasons why the plan is considered appropriate A statement addressing the impacts of the development of a mineral from the land.

Details should include:

* CAPEX/OPEX
* job creation,
* employment numbers,
* benefits to the state in the form of royalties/tax’s etc.

# Mine Planning and Compliance *(Section 317K(2)(b) and section 317Q)*

## Compliance with current plan

[Where a later development plan is proposed, information must be provided detailing compliance with the current development plan]

Details should include:

* Any significant changes from the current development plan,
* A statement as to whether the current development plan has been complied with,
* The details and reasons for any non-compliance with the current plan,
* If the effect of the proposed late development plan is to significantly change an activity provided for under the current development plan, the reasons for the change must be stated.

## Nature and extent of proposed activities on an annual basis

[Explanation -Outline of planned activities on a yearly basis for this development plan period. Include any continued or proposed exploration. Maps and/or 3D views must accompany the text/table to show where the activities will take place.]

For each year may include:

* A general outline provided in tabular form related to a map or sufficiently detailed mine plan(s). Identify the type of activities to be undertaken including for example, resource drilling, underground development, open pit cutbacks, tonnes to be mined, mine infrastructure, etc.
* Identify on maps and views, where all authorised activities are proposed to occur on the ML. This should include mining, haul roads, infrastructure, planned exploration, etc.
* The level of detail should be appropriate to communicate the GENERAL mine plan however it does not detail the amount of mineral won (next section) which would make it too complex.

|  |  |  |
| --- | --- | --- |
| Year | Activity | Area / mine / pit |
| 2020 | Construction of infrastructure (Main access, haul roads, pre-strip, processing facilities) | ML 12232 |
| 2021 | Continuation on construction (Waste dumps, mine drainage) | ML 12232 |
| 2022 | Open cut, commencement of mining | Atlanta Pit |
| 2023 | Mining of benches one to three  Exploration drilling for depth extensions to ore. | Atlanta Pit |
| 2024 | Mining of benches four to six | Atlanta Pit |

# Resource Information *(Section 317K(2)(c))*

## Geological Summary

[insert text and map]

## Resource Estimation / Reserves

[insert table/text]

## Location of Mineral resources

[insert text and map]

## Mineral resource estimation standards and procedures

[insert text]

## For each of the mineral proposed to be mined during the period

[insert text and/or table]

Also: [index map and detailed maps/3D views or, references to them if inserted higher up in the document]

Including:

1. Mineral quality information for the resources being extracted for each year of the plan.
2. A schedule for the proposed mineral extraction during the plan period.
3. Tonnes of (metal/concentrate/mineral) for each mineral to be produced for each year of the plan.

**For example:**

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Mining Area** | **UG or OP** | **Physicals** | **Unit** | **2021** | **2022** | **2023** | **2024** | **2025** |
| **Orebody/ Pit** | **UG/ OP** | Development | m |  |  |  |  |  |
| Production drilling | m |  |  |  |  |  |
| Total Ore mined | t |  |  |  |  |  |
| Grade | g/t |  |  |  |  |  |
| Ounces produced | oz |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |
| **Orebody/ Pit** | **UG/ OP** | Development | m |  |  |  |  |  |
| Production drilling | m |  |  |  |  |  |
| Total Ore mined | t |  |  |  |  |  |
| Grade | g/t |  |  |  |  |  |
| Ounces mined | oz |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |
| **Total ore mined** | |  | **t** |  |  |  |  |  |
| **Total ounces produced** | |  | **oz** |  |  |  |  |  |

A mine plan with properly labelled scaled plan(s) and/or 3D views must be provided if multiple minerals are proposed to be mined or multiple resources are planned for extraction. For an underground mine situation, this could be done by showing the development and production activities proposed in different colours (for example) each area for each year of the plan period.

Estimate of mineral remaining after extraction.

# Conclusion

For example: ‘This Development Plan is provided in support of the renewal application for ML nnnnnn. As stated previously because the lease is part of the xxxxxx project, in which the threshold amount of xxyyzz is mined and produced, this Plan covers the whole project inclusive of all the leases which make up the project.

The mine is important to the local community through supporting ------------ and providing employment as well as the whole of the state through payment of royalties and investment in the economy.

Should the Development Plan be approved, [Your company] understands that the Plan, and itscontents, is a condition for all the leases that make up the project.

# Maps and spatial data

(Optional if already inserted into the document above)