September 2024

Prospecting authority work program

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| **Work Program ID Number** | Government use only |

Application for

Grant  Renewal  Transfer  Amendment

Project

Is this authority part of a mining and exploration project?  (if yes, provide details in the   
Project section)

Mineral group/s

1  2  3  4  5  6  7  8  9  9A  10  11  12

Authority type:  Authority number:       Act/Year:

Authority holder(s)/Applicant(s):

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| --- | --- | --- | --- | --- | --- |
| Stages of exploration (indicate all years where activities of any stage are proposed) | | | | | |
|  | **Stage 1** | **Stage 2** | **Stage 3** | **Stage 4** | **Stage 5** |
| Indicative progress | **Reconnaissance** | **Target definition** | **Prospect testing** | **Advanced prospect testing** | **Resource definition** |
| Year 1 |  |  |  |  |  |
| Year 2 |  |  |  |  |  |
| Year 3 |  |  |  |  |  |
| Year 4 |  |  |  |  |  |
| Year 5 |  |  |  |  |  |
| Year 6 |  |  |  |  |  |

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| Proposed estimated expenditure for the term (inclusive of exploration, environmental and community activities) | $ |

Prior to completing the work program form is it important to read the [Exploration Guideline: Work programs for prospecting titles](https://www.resourcesregulator.nsw.gov.au/sites/default/files/2022-11/exploration-guideline-work-programs-for-prospecting-titles.pdf) (work program guideline) and the [Mineral prospecting minimum standards: for work programs and technical and financial capability](https://www.resourcesregulator.nsw.gov.au/sites/default/files/2022-11/mineral-prospecting-minimum-standards.pdf) (the Standards).

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| Exploration rationale |
| Explain why the area is considered to have potential and why the proposed program is appropriate, inclusive of geology, deposition style and main economic mineral/s sought. |

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| Exploration objectives |
| Outline the overall objectives for the term of the authority. |
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| Proposed exploration activities for the term (refer to Appendix 1) | | | | | | | |
| **Stage 1 – Reconnaissance** | | | | | | | | |
| **Location** | Desktop studies | Mapping | Sampling | Geophysics Air | Geophysics Ground | Other activities |  | |
| Whole authority |  |  |  |  |  |  |  | |
| Part authority |  |  |  |  |  |  |  | |
| Part authority |  |  |  |  |  |  |  | |
| Stage 1: Provide details on the proposed method(s) to identify broad geological, geochemical or geophysical anomalies, historic or conceptual targets, and/or unvalidated targets. | | | | | | | | |
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| Stage 2 – Target definition | | | | | | | |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **Location** | Desktop studies | Mapping | Sampling | Geophysics Air | Geophysics Ground | Drilling | Other  activities |
| Whole authority |  |  |  |  |  |  |  |
| Part authority |  |  |  |  |  |  |  |
| Part authority |  |  |  |  |  |  |  |
| Part authority |  |  |  |  |  |  |  |
| Named target |  |  |  |  |  |  |  |
| Named target |  |  |  |  |  |  |  |
| Stage 2: Provide details on the proposed method(s) to confirm the mineral potential of identified anomalies and targets, and prioritise targets warranting prospect scale detailed assessment. | | | | | | | |
|  | | | | | | | |
| **Stage 3 – Prospecting testing** | | | | | | | |
| **Location** | Desktop studies | Mapping | Sampling | Geophysics Air | Geophysics Ground | Drilling | Other  activities |
| Whole authority |  |  |  |  |  |  |  |
| Part authority |  |  |  |  |  |  |  |
| Part authority |  |  |  |  |  |  |  |
| Named prospect |  |  |  |  |  |  |  |
| Named prospect |  |  |  |  |  |  |  |
| Named prospect |  |  |  |  |  |  |  |
| Named prospect |  |  |  |  |  |  |  |
| Stage 3: Provide details of the proposed method(s) to assess prospects to determine if the mineral deposit(s) have significant potential, warranting more intensive assessment of the prospect’s potential as a Mineral Resource. | | | | | | | |
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| Stage 4 – Advanced prospect testing | | | | | | | |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **Location** | Mapping | Sampling | Geophysics Air | Geophysics Ground | Drilling | Project development studies | Other  activities |
| Named prospect |  |  |  |  |  |  |  |
| Named prospect |  |  |  |  |  |  |  |
| Named prospect |  |  |  |  |  |  |  |
| Named prospect |  |  |  |  |  |  |  |
| Named prospect |  |  |  |  |  |  |  |
| Stage 4: Provide details on the proposed method(s) to undertake intensive assessment of a mineral deposit to determine if there is potential to identify a Mineral Resource, producing at minimum a global resource estimate. | | | | | | | |
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| **Stage 5 – Resource definition** | | | | | | | |
| **Location** | Mapping | Sampling | Geophysics Air | Geophysics Ground | Drilling | Project development studies | Other  activities |
| Named prospect/deposit |  |  |  |  |  |  |  |
| Named prospect/deposit |  |  |  |  |  |  |  |
| Named prospect/deposit |  |  |  |  |  |  |  |
| Named prospect/deposit |  |  |  |  |  |  |  |
| Named prospect/deposit |  |  |  |  |  |  |  |
| Stage 5: Provide details on the proposed method(s) to undertake an intensive Mineral Resource definition program including consideration of factors impacting the economic viability to mine the mineral deposit, to produce a Joint Ore Reserve Committee (JORC) or JORC equivalent estimate of categorised Mineral Resources and/or Ore Reserves. | | | | | | | |
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| Diagram of proposed exploration activities for the term |
| Scaled diagram/map showing the locations of exploration activities proposed for the term. The scaled diagram/map should also include the authority boundary, towns and major infrastructure (e.g. railways, highways, roads). |
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| Proposed environmental activities for the term | |
| Category of prospecting operations proposed | |
| Exempt development  Complying exploration activities (CEA)  Non-complying exploration activities non-CEA) | |
| Proposed environmental management and rehabilitation activities for the term | |
| Environmental studies | Activities - list |
| Environmental/rehabilitation management plans | Activities - list |
| Rehabilitation activities | Activities - list |
| Environmental management systems | Activities - list |
| Other activities | Activities - list |
| Authority holders are reminded that an activity approval must be obtained prior to carrying out any “assessable prospecting operation” (sections 23A and 44A of the *Mining Act 1992*). In addition, standard conditions of authority include obligations regarding environmental protection and rehabilitation, including compliance with the [Exploration Code of Practice: Environmental Management](https://www.resourcesregulator.nsw.gov.au/rehabilitation/exploration/exploration-codes-of-practice/code-of-practice-for-environmental) and [Exploration Code of Practice: Rehabilitation](https://www.resourcesregulator.nsw.gov.au/rehabilitation/exploration/exploration-codes-of-practice/code-of-practice-for-rehabilitation)*.* For more information refer to the Department's website. | |

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| Proposed community consultation activities for the term | |
| Stakeholder notifications | Activities - list |
| Provision of information | Activities - list |
| Landholder liaison/negotiations | Activities - list |
| Public meetings | Activities - list |
| Community consultative committee | Activities - list |
| Other activities | Activities - list |

Authority holders are reminded that the conditions of authority require community consultation to be carried out in accordance with the [Exploration Code of Practice: Community Consultation.](https://www.resourcesregulator.nsw.gov.au/rehabilitation/exploration/exploration-codes-of-practice/code-of-practice-for-community) For more information refer to the Department's website.

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| Project: Exploration and mining operation project |
| Project name:  Authorities within the project:  Geological province:  Project justification (as per the Standards): |

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| Project map: Exploration and mining operation projects (as per the Standards) |
| Scaled diagram/map showing the locations of authorities are clearly labelled that are considered to be part of the project. The scaled diagram/map should also include the authority boundaries, towns and major infrastructure (e.g. railways, highways, roads) |
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| Appendix 1 – Minimum standards | | | | | |
| Stage | 1. Reconnaissance | 2. Target Definition | 3. Prospect Testing | 4. Advanced Prospect Testing | 5. Resource Definition |
| Initial status: | Authority holder identifies a target commodity and establishes the exploration rationale. | Authority holder has identified broad geochemical or geophysical anomalies, historic or conceptual targets and/or unvalidated targets identified. | Authority holder has confirmed the mineral potential, warranting prospect scale assessment. | Authority holder has identified a significant mineral deposit, warranting more intensive assessment of its potential as a Mineral Resource. | Authority holder has confirmed the Mineral Resource as an informal global resource or possibly an initial Inferred JORC Resource. |
| Objective: | * Available data prepared and collated * Exploration targets identified. | * Validate the presence of mineral potential and refine targets * Prioritise targets. | * Test prospects to identify presence of significant quantum and tenor of mineral potential * Prioritise prospects for assessment. | * Assess the quantum, tenor and continuity of mineral potential * Characterise the mineral potential. | * Define Resource or Reserve * Increase Resource or Reserve confidence * Characterise ore * Assess feasibility * Mine planning. |
| |  |  | | --- | --- | | Typical activities: |  | | * Project generation * Tectonic assessment * Literature review * Data compilation and validation * Remote sensing data acquisition * Land access negotiation * Regional scale non-targeted empirical geophysical or geochemical surveying * Low impact reconnaissance or regional geological mapping * Regional mineral vectoring studies. | * Land access negotiation * Data/geophysics reprocessing * Target validation * Semi-targeted broad empirical geophysical or geochemical surveying * Localised geological mapping * Local scale mineral vectoring studies * Empirical drill testing * Review exploration priorities. | * Land access negotiation * Detailed targeted geological mapping * Reprocessing prospect scale geophysics * Targeted geophysical or geochemical surveying * Geochemical sampling or trenching * Initial sporadic targeted drill testing * Downhole geophysics * Early characterisation studies. | * Community consultation and land access negotiation * Extensive geochemical sampling or trenching * Systematic targeted drilling (RC or diamond) * Systematic characterisation studies * Developing geological or mineral potential models * Possible bulk sampling. | * Community consultation * Intensive systematic drill testing * Developing or revising resource estimations or geological models * Metallurgical and geotechnical testing * Ore characterisation * Bulk sampling * Validating models * Feasibility studies * EIS studies * Environmental monitoring * Marketing studies * Mine planning studies. |
| Outcome/criteria for progression: | **Authority holder has identified broad geochemical or geophysical anomalies, historic or conceptual targets and/or unvalidated targets** | **Authority holder has confirmed the mineral potential, warranting prospect scale assessment** | **Authority holder has identified a significant mineral deposit warranting more intensive assessment of Mineral Resource potential** | **Authority holder has confirmed resource potential as an informal global resource or possibly an initial Inferred JORC Resource** | **Titleholder has categorised the informal global resource into a JORC or JORC equivalent Inferred, Indicated and/or Measured Resource** |

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| When and how to submit a work program |

A proposed work program for a prospecting authority must be prepared in accordance with the Work Program Guideline. The table below lists the circumstances when a work program needs to be submitted and what and how to submit it.

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| When do I need to submit a work program? | How do I submit a work program? |
| * With any application for the grant, renewal or transfer of a prospecting authority * For mining leases that don’t have current development consent, with any application for the renewal or transfer of that mining lease | 1. Complete the work program form 2. Save the form as a PDF using the file convention below 3. Include the completed work program form (PDF) in the supporting documents for the grant, renewal or transfer application |
| To lodge a work program amendment | 1. Complete the work program form 2. Save the form as a PDF using the file naming convention below 3. Prepare justification for the amendment. The justification can be provided in a separate document or in email 4. Complete an application to amend a work program via the department’s Titles Management System or send the completed work program form (PDF) and justification for the amendment via email to [titles@regional.nsw.gov.au](mailto:titles@regional.nsw.gov.au) |

File naming convention

Completed work programs must be submitted in pdf file format and named using the following file naming convention:

WP Applicant’s name/licence number

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