

# Referral form - Environment Protection Act 2019

| PART A - Proponent details   |  |
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| It is the proponent's responsibility to advise the NT EPA in writing, of changes to consultant and proponent contacts.                                   |  |
| Name of the proponent/s<br><i>(legal entity)</i>   | Castile Resources Pty Ltd  |
| Proponent details  | <i>Name:</i> Mark Hepburn<br><i>Position/responsibility:</i> Managing Director<br><i>Physical address:</i> Suite 1A, 17 Southport Street, West Leederville, WA 6007<br><i>Postal address:</i> As Above<br><i>Phone:</i> 08 9488 4480<br><i>Email:</i> Mark.Hepburn@castile.com.au  |
| Proponent Trading Name if relevant   | N/A  |
| Australian Business Number   | 93 124 314 085   |
| Australian Company Number  | 124 314 085  |
| Provide a description of the organisational structure with respect to responsibility of the proposed action, environmental approvals and implementation. | <p>Castile Resources Limited is a ASX and OTCQB (New York) listed company with a four member board which includes three Non-Exec Independent Directors and the Managing Director (MD). Management consists of the MD, A Chief Technical Officer, Geology Manager and Senior Field Assistant. Management has offices in Perth and Tennant Creek.</p> <p>Castile Resources Pty Ltd (Castile) will be responsible for delivery of the proposal.</p> |
| Joint-venture partners (if applicable)   | N/A  |

| PART B – Outline of the proposal and location                          |                 |
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| <b>Outline of the</b> Proposed action or strategic proposal (proposal) |                 |
| Title of the proposal  | Rover 1 Project |

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| <p>Provide a brief summary (one or two paragraphs) of the proposal including the activity type/ industry/ duration.</p>   | <p>Castile is planning an underground mine operation at Rover 1. The ore body contains copper, gold and cobalt mineralisation hosted in magnetite and hematite ironstones at a depth of between 300m and +1,000m. Castile is developing the project as a 500,000 tonne (t) per annum operation. The ore will be processed onsite.</p> <p>The operational life of the mine is proposed to be 10 years; however, there are no plans to cap the mine beneath the limit of exploration as it is thought to contain further deposits. Rehabilitation will be undertaken progressively where practical, and will be complete 5 years after operations cease.</p> |
| <p><b>Location</b></p>  |  |
| <p>Provide location details as:</p> <p>a) street address, suburb</p> <p>b) tenement, lot/section numbers, town/hundred, NT Portion or pastoral lease numbers, as applicable</p> <p>c) the nearest town, recognisable feature, and distance and direction from that town/feature to the site of the proposed action.</p> | <p>The proposed development is situated 70 km southwest of Tennant Creek in central Northern Territory.</p> <p>Tenements ELR29957 and ELR29958 contain the high-grade iron oxide-copper-gold resource. The Project key physical components will be located at EL27372. The mine site access road is via EL27292 (and EL27372).</p> <p>Access to the Project area is from the Stuart Highway. The access route traverses the Tennant Creek Station (NT Parcel 494) before moving into the Karlantijpa South Aboriginal Lands.</p>   |
| <p>Name of the <a href="#">Local Government Area/s</a> in which the proposal is located.</p>  | <p>Barkley Regional Council.</p>   |
| <p>What is the land tenure type?</p>  | <p>Freehold Parcel number 3556.</p> <p>Aboriginal land DCD2019/003. Karlantijpa South Aboriginal Land Trust.</p>   |
| <p>Does the proponent have the legal (land) access required for the implementation of all aspects of the proposal?</p>  | <p>✓ No</p> <p>If no, provide details of legal access authorisations /agreements / tenure is required and from whom.</p> <p>Castile currently holds a signed deed for exploration activities with the Central Land Council (CLC). This deed describes the pathway for converting the Rover 1 Project exploration leases to a mining lease, including the requirement for a mining agreement with the CLC.</p> <p>Castile has verbally secured permission to access the Project area via NT Parcel 494 and is working closely with the landowner to document this, and any conditions in writing.</p>   |

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|   | <input type="checkbox"/> Yes<br>If yes, provide an indication of legal access authorisations / agreement / tenure.   |
| Is the <a href="#">land zoned under the NT Planning Scheme</a> ?  | <input checked="" type="checkbox"/> No<br><input type="checkbox"/> Yes<br>If yes, what is/are the zoning/s?  |
| What is the current land use of the proposal site/s?  | The Rover Mineral field is located on vacant land and is largely undeveloped. Under Authorisation A0417-04 a total area of approximately 40.7 ha has been disturbed by exploration activities, of which 7.6 ha had been rehabilitated as of July 2020.   |
| What is the approximate distance (direct line) and direction to the closest human sensitive receptor?<br><br>For example, residence, accommodation, hospital, school, homeland from the proposal. | Kunayungku outstation (26 km North) – identified as a family outstation, with several buildings beyond economic repair.  |
| Consultation  |  |
| Provide an overview of consultation undertaken specific to the proposal and potential environmental impacts.  | Rover 1 is located within Aboriginal Lands, and administration is provided by the CLC. Stakeholder engagement is ongoing and most recently includes presentations to the CLC and Chamber of Commerce in July 2023, in Tennant Creek. In 2020 and twice in 2021 Castile hosted the local Traditional Owners on site and provided project updates. Prior to recommencement of activities at Rover 1 in 2020, Castile’s Board met with the CLC, and regular communications are ongoing. |
| List the matters raised in consultation and identify how the proposal has been modified to respond to stakeholder feedback.   | Discussion and questions to date have largely focused on employment opportunities and the need to support the local workforce, and opportunities for local businesses.   |

### PART C – Referral type

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| What type of proposal is being referred? | <input type="checkbox"/> proposed action<br><input type="checkbox"/> strategic proposal<br><input checked="" type="checkbox"/> proponent initiated EIS referral |
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| <p>Provide a brief justification including the reasons why you consider the action may have a significant impact on the environment and is referred to the NT EPA. Refer to section 11 of the EP Act and the <a href="#">NT EPA's environmental factors and objectives</a>.</p> | <p>Pre-referral screening determined that the proposal has potential to impact six of the 14 environmental factors:</p> <p>Terrestrial environmental quality – a portion of the waste rock will be acid forming, which has the potential to result in soil contamination.</p> <p>Terrestrial ecosystems – land clearing will result in the direct loss of vegetation, including potential Greater bilby (<i>Macrotis lagotis</i>) habitat. The field survey found active burrows and evidence of foraging, close to key physical components of the proposed mine. The Greater bilby is listed as Vulnerable under the <i>EPBC Act</i> and <i>NT Parks and Wildlife Conservation Act</i>.</p> <p>Hydrological processes – the underground workings will intersect groundwater. Inflows will be pumped to the surface, which will lower groundwater levels in the surrounding aquifer.</p> <p>Inland water environmental quality - a portion of the waste rock will be acid forming, which has the potential to result in groundwater contamination.</p> <p>Community and economy – potential impacts to local amenities during the construction and operations phase.</p> <p>Culture and heritage – potential impacts to archaeological sites or objects, heritage places or cultural features.</p> |
| <p>Does the proposal involve an action that may be or is a controlled action under the Commonwealth <i>Environment Protection and Biodiversity Conservation Act 1999</i> (EPBC Act)?</p>  | <p><input checked="" type="checkbox"/> Yes                      <input type="checkbox"/> No</p>  |
| <p>Has the proposed action been referred?</p>   | <p><input type="checkbox"/> Yes                      <input checked="" type="checkbox"/> No</p> <p>If yes, provide the date referred and reference number (EPBC number)?</p> <p>Date:                                      EPBC number:</p>  |
| <p>If referred, has a decision been made on whether the proposed action is a controlled action?</p>   | <p>N/A</p>   |

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| <p><b>PART D – Proponent referrer details and declaration</b></p>  |  |
| <p>*The referral form must include the declaration signed by the proponent, or where the proponent is an organisation or business, the Chief Executive Officer (CEO) or duly authorised delegate within the proponent company.</p> |  |
| <p>Who is referring this proposal?</p>   | <p><input checked="" type="checkbox"/> Proponent</p> |

## PART D – Proponent referrer details and declaration

\*The referral form must include the declaration signed by the proponent, or where the proponent is an organisation or business, the Chief Executive Officer (CEO) or duly authorised delegate within the proponent company.


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|  | <input type="checkbox"/> Authorised representative within proponent entity  |
| Does the proponent request that the NT EPA treat any part of the information in the referral as confidential under section 281(2) of the EP Act? | <input checked="" type="checkbox"/> No<br><input type="checkbox"/> Yes<br>If yes, provide an application in accordance with regulation 271 of the Environment Protection Regulations 2020 and submit the confidential information as a <b>separate</b> attachment |

### **Referral declaration by proponent:**

I, Mark Hepburn, declare that I am authorised to refer this proposed action/strategic proposal on behalf of Castile resources Pty Ltd and further declare that:

- the attached environmental impact assessment documents have been prepared in accordance with the EP Act and EP Regulations; and
- the attached environmental impact assessment documents (including attachments) are true; and
- the attached environmental impact assessment documents do not provide false or misleading information and I know it is an offence to provide false and misleading information, noting the penalties under section 260 of the EP Act, and section 119 of the *Criminal Code Act 1983*; and
- the proponent fully understands that referral under the EP Act does not limit, in any way, the requirements of the proponent to ensure approvals under any other regulatory regime are applied for, and adhered to; and
- the proponent has fulfilled its general duty in accordance with section 43 of the EP Act.

*Note: if the NT EPA determine that an environmental approval is required, the proponent will be requested to provide supporting documents during the assessment process such as details to support that the person is a fit and proper person to hold an environmental approval in accordance with section 62 of the EP Act*

|                                     |   |  |                           |
|-------------------------------------|---|--|---------------------------|
| <b>Name</b> (print)<br>Mark Hepburn | <b>Signature*</b><br> |  |                           |
| <b>Date</b> 18/08/2023              |   |  |                           |
| Position                            | Managing Director   | Organisation (if a business or organisation) | Castile Resources Pty Ltd |
| Email                               | Mark.Hepburn@castile.com.au   |  |                           |
| Address                             | Suite 1A, 17  | Southport Street                             |                           |
| West Leederville                    |   | WA   | 6007                      |

## PART E – Nominated contact

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|---|--|
| <p>Contact details for proponent contact (provide the details for the person who will be corresponding with the NT EPA on the proposal)</p>                                 | <p><i>Business name:</i> Castile Resources Pty Ltd<br/><i>Name of primary contact:</i> Mark Hepburn<br/><i>Physical address:</i> Suite 1A, 17 Southport Street, West Leederville, WA 6007<br/><i>Postal address:</i> As Above<br/><i>Phone:</i> 08 9488 4480<br/><i>Email:</i> Mark.Hepburn@castile.com.au</p> |
| <p>Contact details of consultant (if relevant, provide the details for the person who will be corresponding with the NT EPA on the proposal on behalf of the proponent)</p> | <p><i>Business name:</i> EcOz Environmental Consulting<br/><i>Name of primary contact:</i> Kylie Welch<br/><i>Physical address:</i> Level 1, 70 Cavenagh St, Darwin NT 0800<br/><i>Postal address:</i> GPO Box 381<br/><i>Phone:</i> 08 8981 1100<br/><i>Email:</i> kylie.welch@ecoz.com.au</p>                |

**Checklist 1 – Cross reference of matters addressed in the referral report (for more detail see Table 1 in section 3.3.1 and section 4 of the Referring a proposal to the NT EPA guidance)**

| Item  | See <a href="#">Referral guidance</a> for complete information requirements  | Report section/page |
|---|--|---------------------|
| <i>Publication statement</i>  | Provide name and qualifications of relevant contributors to the referral.  | Page i              |
| <i>Executive summary</i>  | Overview of the proposal, its potential for significant impact and key conclusions.  | Page ii             |
| <i>Introduction</i>   | Include a brief introduction to the proposal and the proponent (noting proponent details are also to be included in the referral form).  | Section 1           |
| <i>Proposal description - Key components</i>  | <p>Provide a clear and detailed description of the proposal, referencing maps and spatial information.</p> <p>Provide a key components summary table.</p> <p>Identify uncertainty / likely changes if particular elements of a proposal require further design at the time of referral.</p> <p>Provide an account of past, present and reasonably foreseeable future development, operations, or industries that are related the current proposal.</p> | Section 2           |
| <i>Proposal description - Location and regional context</i>   | Location and regional context.   | Section 2.2         |
| <i>Proposal description – Alternatives (options)</i>  | <p>Describe any alternatives (location, timeframes, activities) considered or are under consideration in scoping and developing the proposal.</p> <p>Describe how the analysis of alternatives accounted for the <i>principles of environment protection and management</i> (Part 2 of the EP Act).</p> <p>Justification for the preferred/selected option.</p> <p>Describe any assumptions critical to your assessment.</p>                           | Section 2.6         |
| <i>Proposal description – Application of the:</i><br>– <i>Principles of environment protection and management</i> (Part 2)<br>– <i>General duty of proponents</i> (s43) | <p>Discuss how the proposal accounts for the <i>principles of environment protection and management</i> (Part 2 of the EP Act) and the general duty of proponents provided for under section 43 of the EP Act:</p> <ul style="list-style-type: none"> <li>• Principles of ecologically sustainable development</li> <li>• Environmental decision-making hierarchy</li> <li>• Waste management hierarchy.</li> </ul>                                    | Section 3.3         |
| <i>Consultation</i><br><b><a href="#">Refer to NT EPA Stakeholder</a></b>   | <p>The EP Act (section 3 and section 43) puts an obligation on the proponent to consult with stakeholders and the community in the development of the proposal.</p> <p>As an example, the referral should include:</p>   | Section 4           |

| Item   | See <a href="#">Referral guidance</a> for complete information requirements  | Report section/page  |
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| <b><a href="#">Engagement guidance 2020</a></b>  | <ul style="list-style-type: none"> <li>• a description of stakeholder engagement and community consultation undertaken</li> <li>• an outline of the method and process of consultation with stakeholders</li> <li>• a summary of the key matters raised during consultation</li> <li>• any changes made as a result of consultation</li> <li>• the ongoing consultation, and options for feedback</li> <li>• whether the consultation has or has not been undertaken in accordance with NT EPA guidance on Stakeholder Engagement 2020</li> <li>• whether the consultation has or hasn't been undertaken in accordance with the section 43 (EP Act) general duty of proponents (see Checklist 2).</li> </ul> |  |
| <i>Strategic and statutory context</i>   | Table discussing proposal specific legislation, policies, and guidelines that are and may be applicable to the proposal and the sequencing and status of those, is provided.   | Section 3  |
| <i>Environmental Factors</i>   | The remaining sections below relate to information that describes the potential impacts of the proposal on the NT EPA's Environmental factors. Information requirements for each environmental factor identified by the pre-referral screening tool are provided (any technical studies and surveys included).   | Section 5  |
| <i>Environmental Factors and objectives</i><br>Presence/absence of environmental values                        | <p>The presence or absence of relevant environmental values and sensitivities are verified.</p> <p>Specify the source of information (e.g. desktop assessments, and/or field surveys, the methods used, dates, sources, and whether the approach is conducted in accordance with relevant regulatory and industry guideline.</p>   | Section 5.2<br>Section 5.3<br>Section 5.4<br>Section 5.5<br>Section 5.6<br>Section 5.7 |
| <i>Environmental Factors and objectives</i><br>Potential impacts and consistency with relevant policy/guidance | <p>Assessment of potential impacts (positive, negative, direct, indirect, cumulative, short and long-term) of the proposal.</p> <p>Relevant policy and guidance described.</p> <p>Residual / remaining impact to the environmental factor described.</p>   | Section 5.2<br>Section 5.3<br>Section 5.4<br>Section 5.5<br>Section 5.6<br>Section 5.7 |
| <i>Environmental Factors and objectives</i><br>Environment protection and management                           | <p>Describe in terms of management hierarchies:</p> <ul style="list-style-type: none"> <li>• measures proposed to avoid, mitigate or offset (if appropriate)</li> <li>• effectiveness of proposed measures and the level of confidence of implementation</li> <li>• whether the NT EPA's objective for the environmental factor is likely to be met.</li> </ul>  | Section 5.2<br>Section 5.3<br>Section 5.4<br>Section 5.5<br>Section 5.6<br>Section 5.7 |
| <i>Environmental Factors and objectives</i>  | Describe potential cumulative impacts.   | Section 5.2<br>Section 5.3<br>Section 5.4  |



| Item               | See <a href="#">Referral guidance</a> for complete information requirements | Report section/page                       |
|--------------------|---|---|
| Cumulative impacts |   | Section 5.5<br>Section 5.6<br>Section 5.7 |

**Checklist 2 – Consideration of the Proponent’s general duty (in accordance with section 43 of the EP Act)**

| Section 43 General duty   | Done | Comment  |
|---|------|--|
| The following principles of ecologically sustainable development must be taken into consideration in the design of the proposed action. |      | Provide comment here   |
| <ul style="list-style-type: none"> <li>Decision-making principle</li> </ul>   | ✓    | The proposal considers both short and long-term impacts and opportunities.   |
| <ul style="list-style-type: none"> <li>Precautionary principle</li> </ul>   | ✓    | The proposal identifies mitigation measures to avoid or minimise impacts during all project phases.  |
| <ul style="list-style-type: none"> <li>Principle of evidence-based decision-making</li> </ul>   | ✓    | This assessment is based on existing information and studies undertaken specifically for the proposal, completed by suitably qualified professionals.  |
| <ul style="list-style-type: none"> <li>Principle of intergenerational and intergenerational equity</li> </ul>                           | ✓    | <p>The proposal aims to secure supply of copper and cobalt that are integral to achieving a low-carbon future.</p> <p>The preferred option to power the proposal is natural gas, taken from the existing AGP located approximately 40 km to the east. Castile have indicated their preference not to use diesel unless necessary. Solar is the preferred option for powering surface pumps and other auxiliary surface infrastructure to manage water and tailings. The mining fleet will preferably be powered by battery technology.</p> |
| <ul style="list-style-type: none"> <li>Principle of sustainable use</li> </ul>  | ✓    | The proposal will produce copper and cobalt which are experiencing increasing demand from the electric vehicle (EV) sector and will also produce magnetite and gold. Global energy research specialists Wood Mackenzie expect demand from the EV sector to significantly increase in the coming years if the 2050 Net Zero Carbon Target is to be met.   |
| <ul style="list-style-type: none"> <li>Principle of conservation of biological diversity and ecological integrity</li> </ul>            | ✓    | Ecological assessments, including field surveys have been undertaken to inform the proposal.   |
| <ul style="list-style-type: none"> <li>Principle of improved valuation, pricing and incentive mechanisms</li> </ul>                     | ✓    | Environmental outcomes will be considered by Castile when designing mine and auxiliary infrastructure.   |
| The following management hierarchies must be taken into consideration in the design of the proposed action.                             |      | Provide comment here   |

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| <ul style="list-style-type: none"> <li>Environmental decision-making hierarchy</li> </ul>  | ✓ | <p>The proposal has applied the environmental decision-making hierarchy through design of the mine to avoid impacts based on consultation and environmental assessments. Infrastructure is being designed to minimise impacts where they cannot be avoided, as demonstrated throughout this referral.</p>   |
| <ul style="list-style-type: none"> <li>Waste management hierarchy</li> </ul>   | ✓ | <p>Waste generated during construction and operations will be managed in accordance with a Waste Management Plan, consistent with the waste management hierarchy.</p>   |
| Other section 43 considerations  |   |   |
| <ul style="list-style-type: none"> <li>Have communities that may be affected by the proposed action been provided with information and opportunities for consultation?</li> </ul>  | ✓ | <p>Castile has developed a <i>Stakeholder Engagement Register</i> and will develop and implement a <i>Stakeholder Engagement Plan</i> in mid-2023. Preliminary discussion with Government agencies, and the CLC have commenced.</p> <p>Castile, will continue to engage with stakeholders who may be affected by the proposal as part of EIS process.</p> |
| <ul style="list-style-type: none"> <li>Has consultation with affected communities, including Aboriginal communities' been undertaken in a culturally appropriate manner?</li> </ul>  | ✓ | <p>Consultation with Aboriginal communities has been undertaken with support from the CLC.</p>  |
| <ul style="list-style-type: none"> <li>Has community knowledge and understanding (including scientific and traditional knowledge and understanding) of the natural and cultural values of areas that may be impacted by the proposed action been sought and documented?</li> </ul> | ✓ | <p>Community forums, delivered with the CLC, have provided the opportunity for sharing of traditional knowledge. Castile, will continue to engage with stakeholders who may be affected by the proposal as part of EIS process.</p>   |
| <ul style="list-style-type: none"> <li>Have Aboriginal values and the rights and interests of Aboriginal communities' been addressed in relation to areas that may be impacted by the proposed action?</li> </ul>  | ✓ | <p>Aboriginal values will be recognised through adherence and reinforcement of AAPA certification processes and compliance with the <i>Aboriginal Sacred Sites Act 1989</i>. CLC processes, as well as the cultural heritage assessment have and will continue to address Aboriginal values.</p>  |