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| <br>FQM AUSTRALIA NICKEL | <b>Ravensthorpe Nickel Project</b> | Document Owner: FQM Australia Nickel  |
|   |                                    | Approved By: <span style="background-color: black; color: black;">[REDACTED]</span> |

**Licence L8008 Amendment:  
Attachment 7 – Siting and location**

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**Ravensthorpe Nickel Project**

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|   |                                      | Approved By: <span style="background-color: black; color: black;">XXXXXXXXXX</span> |

*No changes to existing licence – Summary of Siting and Location*

| Sensitive Receptor  | Description  | Distance from Works  | Proposed Controls to prevent or mitigate adverse impacts (if applicable)   |
|---|--|--|--|
| Sensitive land uses/users   | No sensitive land uses/users are likely to be impacted by the proposed works. The Ravensthorpe and Hopetoun town sites are the nearest residential sensitive land use areas.   | The Ravensthorpe town site located approximately 32 km northwest, and the Hopetoun town site located approximately 35 km southwest of the proposed works area.             | No specific controls are proposed because no adverse impacts are expected.   |
| Environmentally Sensitive Areas (ESAs)  | A search of the National Map (National Map 2022) found that the proposed work area is not located within an ESA. The nearest ESA is located approximately 6.9 km west of the Prescribed Premises Licence (PPL).  | No ESAs within a 5 km radius of the proposed work area.  | No specific controls are proposed because no adverse impacts are expected.   |
| Threatened Ecological Communities (TECs) and Priority Ecological Communities (PECs) | No WA listed Threatened Ecological Communities (TECs) and three Priority Ecological Communities (PECs) are recorded to occur within the greater Project area. One of these communities, and the most extensive of the three in the greater Project area, the <i>Proteaceae Dominated Kwongan Shrublands of the Southeast Coastal Floristic Province of Western Australia</i> , is listed as Endangered under the EPBC Act. | No additional clearing is proposed as part of the proposed amendment.<br><br>Previously clearing of native vegetation is approved under Ministerial Statement 633 (MS633). | No specific controls proposed because no adverse impacts expected. Impacts to Flora and vegetation are managed and monitored in accordance with MS633. |
| Threatened and/or priority flora  | Multiple species listed as threatened and priority under the Biodiversity Conservation Act 2016 and under the EPBC Act, are known to occur within the greater project area (Woodman 2017a,b).  | All works are within existing disturbance areas and no clearing is proposed as part of the proposed amendment therefore no threatened flora.                               | No specific controls are proposed because no clearing of vegetation is required.   |
| Threatened and/or priority fauna  | Fauna species listed as conservation significant have been confirmed within Project area (Stantec 2019):   | No new impacts to threatened fauna are predicted as no additional clearing is proposed as part of the proposed amendment.  | To minimise potential impacts, although considered unlikely the following management measures are proposed:  |

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| Sensitive Receptor                        | Description   | Distance from Works   | Proposed Controls to prevent or mitigate adverse impacts (if applicable)  |
|---|---|---|---|
|   | <ul style="list-style-type: none"> <li>Carnaby's Black Cockatoo (<i>Calyptorhynchus latirostris</i>)</li> <li>Malleefowl (<i>Leipoa ocellata</i>)</li> <li>Chuditch (<i>Dasyurus geoffroii</i>)</li> <li>Heath Mouse (<i>Pseudomys shortridgei</i>)</li> <li>Western Mouse (<i>Pseudomys occidentalis</i>)</li> <li>Western Whipbird (<i>Psophodes nigrogularis oregon</i>)</li> <li>Quenda (<i>Isodon fusciventer</i>)</li> <li>Western Brush Wallaby (<i>Notamacropus irma</i>)</li> <li>Peregrine Falcon (<i>Falco peregrinus</i>)</li> <li>Eula's Planthopper (<i>Budginmaya eulae</i>).</li> </ul> |   | <ul style="list-style-type: none"> <li>Works will adhere to the FQM RNO Fauna Management Plan</li> <li>Continued implementation of on-site speed limits to minimise fauna being injured or killed by interactions with vehicles.</li> </ul> |
| Aboriginal and other heritage sites       | The nearest heritage site is Registered Aboriginal Site – Gnamma Hole (ID 18950)  | Registered Aboriginal Site – Gnamma Hole (ID 18950, Registered Site) is approximately 4.5 km North of TSF1. | No specific controls are proposed because no clearing is required.  |
| Public Drinking Water Source Area (PDWSA) | The proposed works are not located in PDWSA, with the nearest being the Hopetoun Water Reserve.   | Hopetoun Water Reserve is approximately 18.5 km south-southwest of the proposed works area.                 | No controls are proposed because no adverse impacts are expected due to the significant distance between the proposed works area and the nearest PDWSA.   |



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| Sensitive Receptor  | Description  | Distance from Works  | Proposed Controls to prevent or mitigate adverse impacts (if applicable)   |
|---|--|--|--|
| Surface water (rivers, lakes, oceans, and other bodies of surface etc.) and groundwater | <p>The Project is not located within a <i>Rights in Water and Irrigation Act 1914</i> (RiWI Act) Surface Water Proclamation Area. The nearest water source protection area (Ravensthorpe) lies approximately 22 km to the west of the Project area.</p> <p>The nearest surface waterbodies are:</p> <ul style="list-style-type: none"> <li>Burlabup Creek</li> <li>Bandalup Creek</li> </ul> <p>Both creek systems discharge into the Jerdacuttup River.</p> <p>The regional groundwater system is slow-draining, broadly to the south-east. The quality of which is poor, ranging from brackish to saline (WSP Golder, 2022). Local groundwater (i.e., below and downstream of TSF 2) flows in a SSW to SE direction and levels range between 6-22 mbgl.</p> <p>No additional impacts to the groundwater or surface water in the vicinity of the areas proposed are expected.</p> | <ul style="list-style-type: none"> <li>Burlabup Creek &gt; 1.2 km to the South</li> <li>Bandalup Creek &gt; 7.5 km to the West</li> </ul> <p>Groundwater levels below and downstream of activity areas range between 6 and 22 mbgl and flow in a SSW to SE directions.</p> | <ul style="list-style-type: none"> <li>The TSF has been designed to retain all surface water within the TSF boundaries.</li> <li>Freeboard requirements will be maintained as specified in DWER licence L8008/2004/3.</li> <li>Ongoing monitoring of groundwater levels and groundwater quality to monitor changes in groundwater levels in response to waste deposition and ensure ongoing compliance with DWER Licence (L8008/2004/3).</li> <li>Ongoing annual assessment of the groundwater quality against previous modelled predictions as per condition 1.3.8 of DWER licence L8008/2004/3.</li> </ul> |
| Other   | No registered contaminated sites are recorded within a 10 km radius of the licence area.   | No registered contaminated sites within a 10 km radius of the proposed amendment areas.  | No controls are proposed.  |



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