



<div>  <div>NORTHERN STAR RESOURCES LTD</div> </div> <div>Northern Star Resources FY25 Biodiversity Values</div>			
Operation / Project	Taxa, Communities & Habitats	Location Relative to Operation/Project	Management Practices
Jundee Bronzewing	Multiple Priority Ecological Communities in association with invertebrates in groundwater calcretes	Within and outside proposed disturbance areas	<ul style="list-style-type: none"> <li>Minimise water abstraction and land disturbance where possible. Subterranean fauna surveys are undertaken to understand species and extent.</li> </ul>
	Brush Tailed Mulgara ( <i>Dasycercus blythi</i> ) (DBCA P4)(LC) <i>Aristida jerichoensis</i> var. <i>subspinulifera</i> (DBCA P3) <i>Baeckea</i> sp. Sandstone (DBCA P3) <i>Eremophila arguta</i> (DBCA P1) <i>Eremophila congesta</i> (DBCA P1) <i>Eremophila</i> sp. long pedicels (DBCA P2) <i>Eremophila pungens</i> (DBCA P4) <i>Goodenia modesta</i> (DBCA P3) <i>Micromyrtus chrysodema</i> (DBCA P1) <i>Stackhousia clementii</i> (DBCA P3) <i>Tribulus adelacanthus</i> (DBCA P3) <i>Xanthoparmelia nashi</i> (DBCA P3)	Outside proposed disturbance area	<ul style="list-style-type: none"> <li>Avoid where possible and apply hierarchy of mitigation (avoid, minimise &amp; rehabilitate).</li> <li>Biodiversity surveys completed prior to any disturbances within the area.</li> <li>Land Disturbance Procedure NSR-ENV-001-PRO</li> <li>Fauna relocation undertaken in areas of suitable habitat two weeks prior to disturbance.</li> <li>Inspections conducted by suitably trained personnel immediately prior to disturbance activities.</li> <li>Weed management practices are implemented during disturbance to prevent introduction of invasive species in line with Weed Management Procedure NSR-ENV-004-PRO.</li> <li>Implementation of Feral Animal &amp; Pest Control Procedure NSR-ENV-007-PRO</li> <li>Native Fauna Management Procedure NSR-ENV-005-PRO</li> <li>Jundee Biodiversity Management Plan JUN-ENV-054-PLA</li> </ul>
Thunderbox	<i>Calytrix</i> ( <i>C. erosipetala</i> and <i>C. uncinata</i> ) (DBCA P3)	None of these populations have been recorded in areas of planned impact	<ul style="list-style-type: none"> <li>Avoid where possible and apply the mitigation hierarchy (avoid, minimise, rehabilitate, offset).</li> <li>Biodiversity surveys completed prior to any disturbances within the area.</li> <li>Biodiversity Management Plan TBO-ENV-040-PLA</li> <li>Weed and Feral Animal Control TBO-ENV-006-SWP</li> <li>Implementation of Feral Animal &amp; Pest Control Procedure NSR-ENV-007-PRO</li> <li>Native Fauna Management Procedure NSR-ENV-005-PRO</li> <li>Land Disturbance Procedure NSR-ENV-001-PRO</li> </ul>
Carosue Dam	Malleefowl ( <i>Leipoa ocellata</i> ) (VU) Southern Whiteface ( <i>Aphelocephala leucopsis</i> ) (VU)	Within and outside proposed disturbance areas	<ul style="list-style-type: none"> <li>Avoid where possible and apply the mitigation hierarchy (avoid, minimise, rehabilitate, offset).</li> <li>Biodiversity surveys completed prior to any disturbances within the area, including targeted Priority flora and fauna surveys in areas of suitable habitat.</li> <li>Biodiversity Management Plan CDO-ENV-051-PLA</li> <li>Rehabilitation Management Work Instruction CDO-ENV-027-SWP</li> <li>Implementation of Weed Management Procedure NSR-ENV-004-PRO Implementation of Feral Animal &amp; Pest Control Procedure NSR-ENV-007-PRO</li> <li>Land Disturbance Procedure NSR-ENV-001-PRO</li> <li>Native Fauna Management Procedure NSR-ENV-005-PRO</li> <li>Implementation of Annual Malleefowl Monitoring on site and regional surveys.</li> <li>Where possible, avoid clearing or disturbing areas where this species is present.</li> </ul>
	<i>Eremophila arachnoides subsp. tenera</i> (DBCA P3)	Outside proposed disturbance areas	
Kanowna Belle & South Kalgoorlie Operations	Malleefowl ( <i>Leipoa ocellata</i> ) (VU) <i>Eremophila praecox</i> (DBCA P2)	Outside proposed disturbance areas Within and outside proposed disturbance areas	<ul style="list-style-type: none"> <li>Avoid where possible and apply hierarchy of mitigation (avoid, minimise &amp; rehabilitate).</li> <li>Weed management practices are implemented during disturbance to prevent introduction of invasive species.</li> <li>Biodiversity surveys completed prior to any disturbances within the area, including targeted Priority flora and fauna surveys in areas of suitable habitat.</li> <li>Weed Management Procedure NSR-ENV-004-PRO</li> <li>Land Disturbance Procedure NSR-ENV-001-PRO</li> <li>Feral Animal &amp; Pest Control Procedure NSR-ENV-007-PRO</li> <li>Native Fauna Management Procedure NSR-ENV-005-PRO</li> <li>Internal Disturbance Permit Forms required prior to any clearing.</li> </ul>
KCGM	<i>Eremophila praecox</i> (DBCA P2) <i>Jalmenus aridus</i> (DBCA P1) Ogyris subterrestris petrina (EPBC CR) Malleefowl ( <i>Leipoa ocellata</i> ) (VU)	Within and outside proposed disturbance areas	<ul style="list-style-type: none"> <li>Biodiversity surveys undertaken prior to clearing activities, including targeted surveys for priority flora and fauna.</li> <li>Flora and Fauna Management Plan KCGM-ENV-070-PLA</li> <li>Significant Species Management Plan KCGM-FIM-ENV-010-PLA (Under assessment by EPA)</li> <li>Vegetation Clearing and Rehabilitation Material Stripping KCGM-ENV-036-GUI</li> <li>Weed Management Procedure NSR-ENV-004-PRO</li> <li>Implementation of Feral Animal &amp; Pest Control Procedure NSR-ENV-007-PRO</li> <li>Native Fauna Management Procedure NSR-ENV-005-PRO</li> <li>Land Disturbance Procedure NSR-ENV-001-PRO</li> <li>Internal Disturbance Permit Forms required prior to any clearing.</li> </ul>

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Pilbara	Threatened and priority fauna and their respective critical and supporting habitats (recorded in Hemi development envelope): Greater bilby ( <i>Macrotis lagotis</i> ) (VU) - spinifex sandplain and sandplain drainage Grey falcon ( <i>Falco hypoleucos</i> ) (VU) - major river Northern quoll ( <i>Dasyurus hallucatus</i> ) (VU) - major river Pilbara olive python ( <i>Liasis olivaceus barroni</i> ) (VU) - major river Pilbara leaf-nosed bat ( <i>Rhinonictis aurantia</i> ) (VU) - all habitat types Northern coastal free-tailed bat (DBCA P1) - major river <i>Brushtailed mulgara</i> (DBCA P4) - spinifex sandplain and sandplain drainage Western pebble-mound mouse (DBCA P4)	Within and outside proposed disturbance areas	<ul style="list-style-type: none"> <li>Internal Ground Disturbance Permit required prior to any land disturbance activities.</li> <li>Maintenance of Environmental</li> <li>Exploration Environmental Management Plan</li> <li>Environmental Management Plan (under assessment)</li> <li>Conservation Significant Species Management Plan (under assessment)</li> </ul>
	Threatened and priority fauna and their respective critical and supporting habitats (possible or likely occurrence): Night parrot ( <i>Pezoporus occidentalis</i> ) (CE) Ghost bat ( <i>Macroderma gigas</i> ) (VU) - potentially all habitat types Pin-striped finenout ctenotus (DBCA P1)(LC) - potentially all habitat types Gane’s blind snake (DBCA P1) - potentially spinifex sandplain Spectacled Hare-wallaby ( <i>Lagorchestes conspicillatus</i> )(DBCA P4)(LC) - potentially spinifex sandplain and sandplain drainage  <i>Threatened and priority flora:</i> <i>Abutilon sp. prizelianum</i> (DBCA P3) <i>Euploca mutica</i> (DBCA P3) <i>Gymnanthera cunninghamii</i> (DBCA P3) <i>Rothia indica subsp. Australis</i> (DBCA P3) <i>Triodia chichesterensis</i> (DBCA P3) <i>Polymeria sp. nov</i> (undescribed, likely a DBCA P3) <i>Seringia exastia</i> (EPBC CR)  Gregory Land System – Priority Ecological Community (PEC) (DBCA P3)		
Pogo	Goodpaster River – breeding ground for Chinook Salmon / King Salmon ( <i>Oncorhynchus tshawytscha</i> )	Within and outside proposed disturbance areas	<ul style="list-style-type: none"> <li>Monitoring of water quality upstream and downstream of our operations.</li> <li>Management practices are outlined in Pogo’s Fish Resources Permits and Fish Habitat Permits.</li> <li>Bird nesting surveys prior to clearing.</li> <li>Management practices established in the Migratory Bird Treaty Act.</li> <li>Weed management practices follow guidelines established in ADNR’s Strategic Plan for Invasive Weed and Agricultural Management and Prevention in Alaska.</li> <li>Monitoring of wildlife interactions with the surface waste disposal facilities as per the Mine Plan of Operation Approval issued by ADNR.</li> </ul>
	Federal and state laws protect both migratory and non-migratory species in Alaska. Most birds in Alaska fall under the Migratory Bird Treaty Act (MBTA), which makes it illegal to injure, capture, or kill migratory birds or to interfere with their nests when active.		
Tanami	Landforms and habitats including: <ul style="list-style-type: none"> <li>South-west Tanami Desert</li> <li>Gardiner Range</li> <li>Tanami Range</li> <li>Browns Range</li> <li>Birrindudu Range</li> <li>Central Tanami Paleodrainage Depression</li> <li>Central Tanami Remnant Mulga</li> </ul> Bilby ( <i>Macrotis lagotis</i> ) (VU) Brush-tailed Mulgara ( <i>Dasycercus blythi</i> ) (LC) Northern Nailtail Wallaby ( <i>Onychogalea unguifera</i> ) (LC) Spectacled Hare-wallaby ( <i>Lagororchestes conspicillatus</i> ) Acacia abbreviate Maslin (EPBC Nth) <i>Cleome uncifera ssp. Microphylla</i> (EPBC Nth) <i>Heliotropium sphaericum</i> (EPBC Nth) <i>Heliotropium subreniforme</i> (EPBC DD) <i>Hibiscus brachychlaenus</i> (EPBC Nth) <i>Jacksonia aculeate</i> (EPBC DD) <i>Sauropus trachyspermus</i> (EPBC Nth)	Potentially within proposed future disturbance areas	<ul style="list-style-type: none"> <li>Sites are currently in care and maintenance.</li> <li>Biodiversity Management Plan (Northern Territory).</li> <li>Support of Tanami Regional Biodiversity Monitoring Project, contributing to knowledge of the biodiversity values and better management practices.</li> <li>Wildlife Management Plans for species of conservation significance.</li> <li>Internal Disturbance Permits are required prior to any clearing.</li> </ul>
<div>Notes:</div> <div> <div>           DBCA P1 - Poorly known species; species known from one or a few locations (generally five or less) which are potentially at risk            DBCA P2 - Poorly known species; species known from one or a few locations (generally five or less), some of which are on lands managed primarily for nature conservation and other land with secure tenure being managed for conservation.            DBCA P3 - Poorly known species; species known from several locations, and the species does not appear to be under imminent threat, or from few but widespread locations with either large population size or significant remaining area of apparently suitable habitat much of it not under imminent threat.            DBCA P4 - Rare, near threatened or other species in need of monitoring         </div> <div>           NE - Not Evaluated IUCN Red List Assessment            DDi - Data Deficient IUCN Red List Assessment            LC - Least Concern IUCN Red List Assessment            NT - Near Threatened IUCN Red List Assessment            VU - Vulnerable IUCN Red List Assessment            EN - Endangered IUCN Red List Assessment            CR - Critically Endangered IUCN Red List Assessment            EW - Extinct In the Wild IUCN Red List Assessment            EX - Extinct IUCN Red List Assessment         </div> <div>           EPBC Vulnerable - facing a high risk of extinction in the wild in the medium-term future            EPBC CR -Critically Endangered            EPBC NTH - near threatened            EPBC DD - Data deficient         </div> </div>			