Scope of Works – Mount Dove Artificial Quoll Habitat

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Authorisation

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<th>Revision</th>
<th>Reason For Issue</th>
<th>Prepared</th>
<th>Checked</th>
<th>Authorised</th>
<th>Date</th>
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</thead>
<tbody>
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<td>D Williams</td>
<td>22/03/2012</td>
</tr>
</tbody>
</table>

Table of Contents

1. Project Background............................................................................................................ 3

1.1 Project Locality............................................................................................................. 4

2. Current Location of Quoll Habitat.................................................................................. 4

3. Location and Technical Specification of Artificial Quoll Habitat................................. 4

4. Atlas Environmental Team (Wodgina) Scope of Work.................................................... 6

5. Contractor Scope of Work.................................................................................................. 6
1. Project Background

Atlas Iron has completed the Definitive Feasibility Study (DFS) on the Mt Dove Direct Shipping Ore (DSO) Project. The Project is now transitioning into execution phase to develop key supporting infrastructure and to operate the mine site.

The Works generally comprise the overall development, construction, management, operation, coordination and maintenance of the Mt Dove Development Project (MDDP) to support the mining, processing and product stockpiling of total defined pit inventory of 2.3 million tonnes of iron ore.

![Figure 1: Mt Dove Development Project Locality](image-url)
1.1 Project Locality

The MDDP area is located approximately 68 km due south of Port Hedland and is linked by road to Port Hedland via the Great Northern Highway (GNH) (Route 95). The Project area lies some 13.5km to the west of the GNH and is currently accessible by station track suitable for access by 4WD, drilling equipment and associated support vehicles only. Figure 1 above illustrates the location of MDDP.

2. Current Location of Quoll Habitat

The Northern Quolls currently reside within the rocky outcrop on the crest of Mt Dove. Their prime habitat spans approximately 22 ha, of which 14 hectares will be cleared by the project – this is shaded in green on the figure below. Atlas is required by the Commonwealth Department of Sustainability, Environment Waters Populations and Communities (DSEWPAC, 2011/5848) to construct artificial habitat outside the project’s disturbance footprint for the northern quoll prior to commencement of construction activities. This is an initiative proposed by Atlas in addition to the EPBC offsets required by the Commonwealth approval. It is recognised as a trial to assess whether Northern Quoll will colonise a substitute habitat. As a trial, it is understood that it is impracticable to construct the artificial habitat to the scale of the rocky ridge habitat that will be disturbed by the main Mt Dove project.

![Figure 2: Current Location of Quoll Habitat at Mt Dove](image)

3. Location and Technical Specification of Artificial Quoll Habitat

Atlas has liaised with the Department of Environment and Conservation to identify a suitable location and design
for the artificial Quoll habitat based on the following:

- Artificial habitat to be located outside of floodplains/floodways
- Located on elevated/well drained ground where possible
- Must be in close proximity to existing access roads for ease of set up and minimise the disturbance footprint
- Must not be placed near access roads which have a high volume of traffic
- To be placed within a 2 km radius to known Northern Quoll existing habitat at Mt Dove (the recorded range extent)
- Volume of waste rock from Wodgina is reasonably able to be transported to Mt Dove by equipment available. This has been estimated by Atlas as approximately 200 m$^3$.

The proposed location for this habitat is shown in Figure 3.

![Figure 3: Proposed Location of Artificial Habitats](image)

Atlas has been granted approval by the Department of Mines and Petroleum (Reg ID35083) to construct the artificial habitat. It is critical to note that the approved disturbance area for the artificial habitat is to be restricted to approximately 20 m radius around the habitat itself and no more than 5 hectares is to be cleared in total, including any track widening that may be required. The footprint for the artificial habitat is to be approximately 40 m x 5 m = 200 m$^2$, located parallel to the existing access track.

Construction of the habitats must be completed prior to the trapping of the Quolls. Trapping is scheduled to occur in June 2012.

The specification for the habitat is as follows:

- Rock utilised in the habitat construction must be of an inert material (low levels of Arsenic and Boron). This rock will be sourced from the waste rock generated at Wodgina mine site, which is located 60 kms from Mt Dove)
• Approximately 40 m x 10 m of piled rock
• The pile is to be at least 1 metre in height
• Single location (as indicated in Figure 3 above)

4. Atlas Environmental Team (Wodgina) Scope of Work

The Atlas Environmental Team at Wodgina’s scope of work is as follows:
• Collect and stockpile approximately 1000T of waste rock material (to be variable in size)
• Liaise with Atlas Project Team to coordinate pick up of materials by Contractor
• Provide assistance to Outback Ecology to trap and relocate Northern Quolls into artificial habitat (must liaise with Project Delivery team to coordinate date of the exclusion trapping as ground disturbance must occur within one day of the trapping. This is to discourage the Quolls from returning to Mount Dove).

5. Contractor Scope of Work

The Contractor’s scope of work is as follows:
• Organise rubber tyred plant (no tracked equipment) to load, unload and transport waste rock material (it is recommended to utilise at least one 20T truck to transport the waste rock)
• Collection and loading of material stockpiled by Atlas Environmental Team at Wodgina and transport to Mount Dove
• Unload and construct artificial Quoll habitat as per the specification provided here.