



CLEARING PERMIT

Granted under section 51E of the Environmental Protection Act 1986

PERMIT DETAILS

Purpose Permit Number: 220 / 1

File Number: 19179

Duration of Permit: From 23 January 2006 to 23 January 2011

PERMIT HOLDER

Tanami Exploration NL

LAND ON WHICH CLEARING IS TO BE DONE

Mining tenements

M80/559

M80/560

L80/46

AUTHORISED ACTIVITY

1. Clearing of up to 240.4 hectares of native vegetation for the purposes of mining, including roads, pits, waste dumps and evaporation ponds.
2. Clearing of up to 18.6 hectares of native vegetation within the area shaded red on attached Plan 220/1 for the purpose of an airstrip.

CONDITIONS

Fauna management

1. Prior to clearing native vegetation under this permit, the areas to be cleared shall be walked in parallel transects 50m apart, inspected and surveyed by a *fauna specialist* who shall search for evidence of animal scats, foraging, tracks, diggings or burrows in order to determine if any members of the following species are present:
 - (a) *Macrotis lagotis* (Bilby);
 - (b) *Notoryctes typhlops* (Southern Marsupial mole);
 - (c) *Notoryctes caurinus* (Northern Marsupial mole);
 - (d) *Dasyercus cristicauda* (Mulgara); and
 - (e) *Cryptagama aurita* (Gravel Dragon).
2. The *fauna specialist* shall record the nature and GPS location of each piece of evidence found, or individual sighted, of any one or more of the above species of fauna to be used in the development of a fauna management plan in accordance with condition 3 and 4 and monitoring program in accordance with condition 7.
3. If the *fauna specialist* determines that one or more members of the *Macrotis lagotis*, *Notoryctes typhlops*, *Notoryctes caurinus*, *Dasyercus cristicauda* or *Cryptagama aurita* species are present then, prior to clearing, native vegetation under this permit, the Permit Holder shall prepare and implement a site-specific fauna management plan as approved by the CEO.
4. The fauna management plan shall include steps to be taken by the Permit Holder to minimise the impact of clearing done under this permit on members of the species observed and recorded under condition 2, including:

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- (a) procedures for translocation (including the capture, removal and release) of fauna in areas impacted by proposed clearing having regard to the key issues identified in Appendix 2 of CALM Policy Statement No. 29 (July 1995) *Translocation of Threatened Flora and Fauna*;
 - (b) handling techniques for fauna encounters, disturbance or injury caused by clearing or ongoing mine operations;
 - (c) details of qualifications, expertise and prior experience of the personnel who will be carrying out capture and handling of fauna;
 - (d) strategies for the prevention and minimisation of the impacts to members of the species of fauna observed and recorded under condition 2 of this permit; and
 - (e) details of a monitoring strategy including design, frequency, duration and plan for recording and reporting findings for individuals of the fauna species observed and recorded in condition 2.
5. The Permit Holder shall not clear native vegetation within the area shaded green on attached Plan 220/1, and the Permit Holder shall not clear native vegetation within other lateritic areas except as authorised in Authorised Activity No.2.
6. Prior to undertaking any clearing within the area shaded red on attached Plan 220/1, in accordance with Authorised Activity No. 2, the Permit Holder shall ensure that all members of the species *Macrotis lagotis* have been translocated in accordance with conditions 3 and 4 of this permit.

Monitoring

7. Prior to clearing native vegetation under this permit, the Permit Holder shall prepare and implement a monitoring program to monitor the presence and activity of *Macrotis lagotis* and *Dasyercus cristicauda*, which shall include the following:
- (a) establish 1km transects at a density of no less than 1 transect per 20ha within *Macrotis lagotis* and *Dasyercus cristicauda* habitats near cleared, and within uncleared areas under this permit for analysis of disturbance impact;
 - (b) traverse the transects at quarterly intervals for the duration of this permit, to carry out those activities identified in condition 1 for *Macrotis lagotis* and *Dasyercus cristicauda*;
 - (c) record the nature and GPS location of each piece of evidence found, or member sighted, of any of the above species of fauna; and
 - (d) using the data collected through the processes set out in conditions 7(a)-(c) above, determine the indices of population abundance and species activity within cleared and uncleared areas under this permit.

Rehabilitation and Revegetation

8. For each instance of clearing recorded under condition 11, the Permit Holder shall, within 12 months of the completion of the activity for which the area was cleared, rehabilitate all cleared areas by re-shaping the surface of each cleared area using the topsoil removed during the clearing, so that the shape of the surface of the rehabilitated area is consistent with the shape of the surrounding 5 metres of uncleared land.
9. Following rehabilitation of the cleared areas in accordance with condition 8, and within 12 months of the Permit Holder no longer requiring to use that area for the purpose for which it was initially cleared, the Permit Holder shall revegetate each area cleared under this permit.
10. For each area rehabilitated under condition 8 and revegetated under condition 9 of this permit, the Permit Holder shall record:
- a) the co-ordinates of areas rehabilitated and revegetated using Geocentric Datum Australia 1994;
 - b) the size of the areas rehabilitated and revegetated in hectares; and
 - c) the dates on which the area was rehabilitated and revegetated.

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Reporting

11. For each instance of clearing done under this permit, the Permit Holder shall record:
 - a) the co-ordinates of areas cleared using Geocentric Datum Australia 1994;
 - b) the size of the areas cleared in hectares; and
 - c) the dates on which the area was cleared.
12. The Permit Holder shall provide a report to the CEO by 31 March of each year setting out the records required to be kept under conditions 2, 3, 7, 10 and 11 of this permit in relation to clearing, rehabilitation and revegetation carried out between 1 January and 31 December of the preceding year.

Special Condition

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It is the intent of these conditions that they shall operate so that, if a condition or part of a condition is beyond my power to impose, or is otherwise ultra vires or invalid, that condition or part of a condition shall be severed and the remainder of these conditions shall nevertheless be valid to the extent that they are within my power to impose and are not otherwise ultra vires or invalid.

Definitions

Except as otherwise provided, terms used in this permit have the meaning given to them in the *Environmental Protection Act 1986*.

“fauna specialist” means a person with training and specific work experience in identification or faunal assemblage surveys of fauna species in Western Australia.

“lateritic area” means an area with a surface exhibiting lateritic weathering characteristics.

“revegetation” means the deliberate planting of native vegetation in an area such that the species composition, structure and density is similar to pre-existing vegetation types in that area.

“site” means the area within mining tenements M80/559, M80/560 and L80/46.

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