RECOMMENDED ENVIRONMENTAL CONDITIONS

STATEMENT TO AMEND CONDITIONS APPLYING TO A PROPOSAL
(PURSUANT TO THE PROVISIONS OF THE
ENVIRONMENTAL PROTECTION ACT 1986)

Newmont Boddington Goldmine

Proposal: The proposal is to continue to operate the existing Newmont Boddington Goldmine and associated infrastructure, and to expand the existing operations through widening and deepening of existing pits, and through construction of new waste dumps, residue disposal areas and associated infrastructure.

Proponent: Newmont Boddington Gold Pty Ltd
Australian Company Number 101 199 731

Proponent Address: Level 1, 388 Hay Street
SUBIACO WA 6008

Assessment Number: 1926

Previous Assessment Number: 1409

Previous Statement Number: 591 published on 8 May 2002

Report of the Environmental Protection Authority Number: 1506

This Statement authorises the implementation of the Proposal described and documented in Columns 1 and 2 of Table 2 of Schedule 1. The implementation of the Proposal is subject to the following implementation conditions and procedures and Schedule 2 details definitions of terms and phrases used in the implementation conditions and procedures.

The implementation of the Boddington Gold Mine proposal and the Hedges Gold Project (with respect to mining only) to which the above report of the Environmental Protection Authority relates are now subject to the following conditions which replace all previous conditions, commitments and procedures under Ministerial Statement 591.
Proposal Implementation

1-1 When implementing the proposal, the proponent shall not exceed the authorised extent of the proposal as defined in Column 3 of Table 2 in Schedule 1, unless amendments to the proposal and the authorised extent of the Proposal has been approved under the EP Act.

2 Contact Details

2-1 The proponent shall notify the CEO of any change of its name, physical address or postal address for the serving of notices or other correspondence within twenty-eight (28) days of such change. Where the proponent is a corporation or an association of persons, whether incorporated or not, the postal address is that of the principal place of business or of the principal office in the State.

3 Time Limit for Proposal Implementation

3-1 The proponent shall not commence implementation of the proposal after the expiration of five (5) years from the date of this statement, and any commencement, within this five (5) year period, must be substantial.

3-2 Any commencement of implementation of the proposal, within five (5) years from the date of this statement, must be demonstrated as substantial by providing the CEO with written evidence, on or before the expiration of five (5) years from the date of this statement.

4 Compliance Reporting

4-1 The proponent shall prepare and maintain a compliance assessment plan to the satisfaction of the CEO.

4-2 The proponent shall submit to the CEO the Compliance Assessment Plan required by condition 4-1 at least six (6) months prior to the first Compliance Assessment Report required by condition 4-6, or prior to implementation, whichever is sooner.

The compliance assessment plan shall indicate:

1) the frequency of compliance reporting;
2) the approach and timing of compliance assessments;
3) the retention of compliance assessments;
4) the method of reporting of potential non-compliances and corrective actions taken;
5) the table of contents of compliance assessment reports; and
6) public availability of compliance assessment reports.

4-3 The proponent shall assess compliance with conditions in accordance with the Compliance Assessment Plan required by condition 4-1.
4-4 The proponent shall retain reports of all compliance assessments described in the Compliance Assessment Plan required by condition 4-1 and shall make those reports available when requested by the CEO.

4-5 The proponent shall advise the CEO of any potential non-compliance within seven (7) days of that non-compliance being known.

4-6 The proponent shall submit to the CEO the first Compliance Assessment Report by June 2015 addressing the twelve (12) month period from the date of issue of this Statement and then annually from the date of submission of the first compliance assessment report.

The Compliance Assessment Report shall:

1) be endorsed by the proponent’s Chief Executive Officer or a person delegated to sign on the Chief Executive Officer’s behalf;

2) include a statement as to whether the proponent has complied with the conditions;

3) identify all potential non-compliances and describe corrective and preventative actions taken;

4) be made publicly available in accordance with the approved compliance assessment plan; and

5) indicate any proposed changes to the Compliance Assessment Plan required by condition 4-1.

5 Public Availability of Data

5-1 Subject to condition 5-2, within a reasonable time period approved by the CEO of the issue of this Statement and for the remainder of the life of the proposal the proponent shall make publicly available, in a manner approved by the CEO, all validated environmental data (including sampling design, sampling methodologies, empirical data and derived information products (e.g. maps)) relevant to the assessment of this proposal and implementation of this Statement.

5-2 If any data referred to in condition 5-1 contains particulars of:

1) a secret formula or process; or

2) confidential commercially sensitive information;

the proponent may submit a request for approval from the CEO to not make this data publically available. In making such a request the proponent shall provide the CEO with an explanation and reasons why the data should not be made publicly available.

6 Flora and Vegetation

6-1 The proponent shall ensure that there is no increase in the spread of diseases, no establishment of new environmental weed taxa and no more than 15% increase in the area occupied by environmental weeds or increase in percentage cover in infested areas above the baseline levels described in the Public Environmental Review document (2013) and associated appendices which is attributable to implementation of proposal.
6-2 The proponent shall prepare a Weed and Disease Monitoring and Management Plan in consultation with the Department of Parks and Wildlife to the requirements of the CEO for the proposal area, within six (6) months of this statement being issued.

6-3 The Weed and Disease Management Plan required pursuant to condition 6-2 shall:
1) when implemented, substantiate whether condition 6-1 is being met;
2) detail the monitoring methodology, proposed frequency and timing of monitoring, and location of monitoring sites which, when implemented, verify that condition 6-1 is being met;
3) identify criteria to trigger implementation of management and/or contingency measures to prevent the spread of weeds and diseases;
4) identify management and/or contingency measures to be implemented in the event that criteria identified pursuant to condition 6-3(3) have been exceeded.

6-4 The proponent shall implement the approved Weed and Disease Management Plan until otherwise agreed by the CEO.

6-5 In the event that monitoring pursuant to condition 6-3(2) indicates criteria defined pursuant to condition 6-3(3) are not being met, the proponent shall:
1) immediately implement management and/or contingency measures identified pursuant to condition 6-3(4) until criteria pursuant to condition 6-3(3) are being met, or until advised otherwise by the CEO; and
2) investigate the likely cause(s) of the criteria defined pursuant to condition 6-3(3) not being met; and
3) submit the findings of the investigation required pursuant to condition 6-5(2) to the CEO within twenty-eight (28) days of identification of the criteria defined pursuant to condition 6-3(3) not being met.

6-6 The proponent may review and revise the Weed and Disease Management Plan to the requirements of the CEO.

6-7 The proponent shall review and revise the Weed and Disease Management Plan as and when directed by the CEO.

6-8 The proponent shall implement the revisions of the Weed and Disease Management Plan required by conditions 6-6 and 6-7.

7 Hydrological Processes

7-1 The proponent shall ensure that the dewatering drawdown associated with the proposal does not cause long term adverse impact to the health and abundance of groundwater dependent vegetation.

7-2 The proponent shall prepare a Groundwater and Groundwater Dependent Vegetation Monitoring and Management Plan to the requirements of the CEO within twelve (12) months of this statement being issued.
7-3 The Groundwater and Groundwater Dependent Vegetation Monitoring and Management Plan required pursuant to condition 7-2 shall:

1) when implemented, substantiate whether condition 7-1 is being met;
2) identify all Groundwater Dependant Vegetation in the area with the potential to be impacted by the proposal, including the riparian vegetation associated with the Hotham River;
3) when implemented, verify that the Groundwater model prepared for the Public Environmental Review (2013) and described in Schlumberger 2013 reflects observed conditions and expected outcomes/impacts;
4) detail the monitoring methodology, proposed frequency and timing of monitoring, location of monitoring sites etc which, when implemented, verify that condition 6-1 is being met;
5) identify criteria associated with groundwater levels and groundwater dependent vegetation health to trigger implementation of management and/or contingency measures to prevent impacts to groundwater dependent vegetation; and
6) identify management and/or contingency measures to be implemented in the event that criteria identified pursuant to condition 7-3(5) are exceeded.

7-4 The proponent shall implement the approved Groundwater and Groundwater Dependent Vegetation Monitoring and Management Plan until otherwise agreed by the CEO.

7-5 In the event that monitoring pursuant to condition 7-3 indicates criteria pursuant to condition 7-3(5) have been exceeded the proponent shall:

1) immediately implement management and/or contingency measures, identified pursuant to condition 7-3(6) and continue implementation until criteria pursuant to condition 7-3(5) are being met, or until otherwise agreed by the CEO; and
2) submit details of management and/or contingency measures implemented pursuant to condition 7-5(1) to the CEO within twenty-eight (28) days of identification that criteria pursuant to condition 7-3(5) have been exceeded.

7-9 The proponent may review and revise the Groundwater and Groundwater Dependent Vegetation Monitoring and Management Plan to the requirements of the CEO;

7-10 The proponent shall review and revise the Groundwater and Groundwater Dependent Vegetation Monitoring and Management Plan as and when directed by the CEO.

7-11 The proponent shall implement the revisions of the Groundwater and Groundwater Dependent Vegetation Monitoring and Management Plan required by conditions 7-9 and 7-10.
8 Bibbulmun Track

8-1 The proponent shall ensure that there are no adverse impacts to the recreational values of the Bibbulmun Track as a result of the implementation of the proposal.

8-2 The proponent shall prepare a Bibbulmun Track Management Plan to the requirements of the CEO, on the advice of the Department of Parks and Wildlife, pursuant to the requirements of condition 8-1. This plan is to be submitted no later than 18 months prior to the planned commencement of construction of Waste Rock Dump 12.

8-3 The Bibbulmun Track Management Plan required pursuant to condition 8-2 shall:

1) when implemented, substantiate whether condition 8-1 is being met;
2) identify in consultation with stakeholders the route of any planned track diversion;
3) identify appropriate noise and amenity criteria for areas along the track in proximity to operations and Mount Well’s Hut;
4) identify planned investigations for noise and amenity impacts to the Bibbulmun Track and Mount Wells Hut to verify that condition 8-1 will be met;
5) identify management and contingency measures, including realignment of the Bibbulmun Track and (if required) relocation of the Mount Wells Hut, to be implemented in the event that investigations pursuant to condition 8-3(4) indicate that criteria identified pursuant to condition 8-3(3) are likely to be exceeded.
6) identify arrangements to meet all costs associated with any diversion of the Bibbulmun Track and if required, relocation of Mt Wells Hut in consultation with the Department of Parks and Wildlife;

8-4 Prior to commencement of the construction of Waste Rock Dump 12 (Figure 1) the proponent shall implement the approved Bibbulmun Track Management Plan and continue implementation until rehabilitation earthworks associated with Waste Rock Dump 12 have been completed or until otherwise approved by the CEO.

8-5 The proponent may review and revise the Bibbulmun Track Management Plan to the requirements of the CEO, on the advice of the Department of Parks and Wildlife.

8-6 The proponent shall review and revise the Bibbulmun Track Management Plan as and when directed by the CEO, on the advice of the Department of Parks and Wildlife.

8-7 The proponent shall implement the revisions of the Bibbulmun Track Monitoring Plan required by conditions 8-5 and 8-6.
9 Offsets

9-1 To offset the significant residual impact to 1,755 ha of native vegetation which includes: *Calyptorhynchus latirostris* (Carnaby's Cockatoo) and *Calyptorhynchus banksii naso* (Forest Red-tailed Black Cockatoo) foraging and breeding habitat, *Calyptorhynchus baudinii* (Baudin's Black Cockatoo) foraging habitat; fragmentation of *Bettongia penicillata ogilbyi* (Woylie) and *Dasyurus geoffroii* (Chuditch) habitat; and loss of 618 ha of forest with conservation values currently vested in the Conservation Commission, the proponent shall undertake an offset program in accordance with conditions 9-2 to 9-12.

9-2 Within one (1) year of the date of this Statement, the Proponent shall prepare a Land Offset Plan to the requirements of the CEO on advice of the Department of Mines and Petroleum.

9-3 The land subject to the Land Offset Plan identified in condition 9-2 shall contain at least 2,000 hectares of native vegetation in similar condition to the vegetation being impacted by the proposal, or as otherwise agreed by the CEO.

9-4 The Plan identified in condition 9-2 shall:

1) identify the area to be protected and managed for conservation;

2) if any of the vegetation in the area identified is in a degraded condition, identify improvement actions and a timeframe for the actions to be undertaken to improve the condition of native vegetation in that area;

3) demonstrate that individual land parcels are at least 90 hectares in area;

4) be located within fifty (50) kilometres of the proposal development envelope unless otherwise agreed by the CEO;

5) identify the environmental attributes of the land to be acquired which must contain:

   a) known foraging and breeding habitat for *Calyptorhynchus latirostris* (Carnaby's Cockatoo), *Calyptorhynchus banksii naso* (Forest red-tailed Black Cockatoo), and foraging habitat for *Calyptorhynchus baudinii* (Baudin's Black Cockatoo) within 6 kilometres of permanent drinking water;

   b) habitat for *Bettongia penicillata ogilbyi* (Woylie) and foraging and breeding habitat for *Dasyurus geoffroii* (Chuditch);

6) detail:

   a) the conservation activities identified in 9-4(2) that will be undertaken, with associated completion criteria;
b) funding arrangements and timing of funding for conservation activities identified in condition 9-4(6a);

c) monitoring requirements for activities identified in condition 9-4(6a);

d) timing arrangements including an agreed end point for protection of land identified in condition 9-3;

e) the role of the proponent.

9-5 In the event that condition 9-3 is unable to be implemented within the timeframe identified in condition 9-4(6d) the proponent shall identify a similar conservation benefit for the species identified in condition 9-1 as provided by the offset in condition 9-3 to be implemented and update the plan identified in condition 9-2 to the satisfaction of the CEO within three (3) months of the end of the timeframe identified in 9-4(6d).

9-6 The area identified in the approved Land Offset Plan shall be placed under a conservation covenant in consultation with the Department of Parks and Wildlife to the satisfaction of the CEO.

9-7 The proponent shall implement the approved Land Offset Plan identified in condition 9-2 until the CEO advises implementation may cease.

Hotham Farm

9-8 Within two (2) years of the date of this statement, or at a date as agreed by the CEO, the Proponent shall ensure 470 hectares of Hotham Farm is protected in perpetuity by an instrument or instruments approved by the CEO.

9-9 The Proponent shall manage the land identified in condition 9-8 in accordance with the Newmont Boddington Gold Overarching Offset Strategy dated 15 November 2013.

9-10 The proponent shall implement the offset identified in condition 9-8 until the CEO advises implementation may cease.

Lands vested in the Conservation Commission

9-11 Within twelve (12) months of the date of this Statement, the proponent shall prepare a Land Exchange Plan, for the approval of the CEO on advice of the Director General of the Department of Parks and Wildlife. The Land Exchange Plan shall include:

1) details of land to be ceded to the State for incorporation into the conservation reserve system and vesting in the Conservation Commission of Western Australia;

2) total amount of land to be ceded;

3) a requirement that the total area to be ceded be based on providing an equivalent value to the forest area vested in the Conservation Commission being removed, with a minimum of at least 618 hectares; and
4) a proposed timeframe for the ceding of land to occur.

9-12 The proponent shall implement the approved Land Exchange Plan identified in condition 10-1.

10 Legacy Offset

10-1 The proponent shall implement the offset previously committed to in the now superseded Statement 591 (provide land to the State) as described in Schedule 3 of this Statement to the satisfaction of the CEO within two years of this statement being issued.

[Signed 12 June 2014]

Albert Jacob MLA
MINISTER FOR ENVIRONMENT; HERITAGE
Table 1 Summary of the proposal

<table>
<thead>
<tr>
<th>Proposal Title</th>
<th>Newmont Boddington Gold Life of Mine Expansion</th>
</tr>
</thead>
<tbody>
<tr>
<td>Proponent Name</td>
<td>Newmont Boddington Gold Pty Ltd</td>
</tr>
</tbody>
</table>

**Short Description**

The proposal is for the continuation of the existing operations and for an expansion of the existing operations at the Newmont Boddington Goldmine and includes:

- pit expansion (widening and deepening);
- increased ore production resulting in increased waste quantities;
- increase to existing stockpiles and development of ancillary infrastructure;
- expansion of waste rock dumps;
- construction of a new residue disposal area; and
- construction of new water storage areas.

The regional location is shown in Figure 1.

Table 2: Location and authorised extent of the physical and operational elements

<table>
<thead>
<tr>
<th>Physical Elements</th>
<th>Column 1</th>
<th>Column 2</th>
<th>Column 3</th>
</tr>
</thead>
<tbody>
<tr>
<td>Development envelope</td>
<td>Figure 2</td>
<td>11,712 ha</td>
<td></td>
</tr>
<tr>
<td>Disturbance Footprint</td>
<td>Figure 2</td>
<td>Clearing of no more than 6,850 ha of vegetation within the 11,712 ha development envelope</td>
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</tr>
<tr>
<td>Clearing of Native vegetation</td>
<td>Figure 2</td>
<td>Clearing of no more than 5,435 ha of native vegetation within the 11,712 ha development envelope</td>
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<td>Waste Rock Dumps</td>
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<td>Mine Activities</td>
<td>Figure 2</td>
<td>Open cut basement mining to approximately -252 AHD for the north pit and -432 AHD south pit</td>
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Operational Elements

<table>
<thead>
<tr>
<th>Element</th>
<th>Total extent of proposal</th>
</tr>
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<tbody>
<tr>
<td>Mine Life</td>
<td>Continued operations until 2041</td>
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<td>Water use</td>
<td>47 ML/day</td>
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</table>
Figure 1 – Location of the proposal indicating regional context
Figure 2: Location of the proposal indicating local context and including an outline of the proposal footprint
### Schedule 2

<table>
<thead>
<tr>
<th>Abbreviations</th>
<th>Term</th>
</tr>
</thead>
<tbody>
<tr>
<td>CEO</td>
<td>The Chief Executive Officer of the Department of the Public Service of the State responsible for the administration of section 48 of the <em>Environmental Protection Act 1986</em>, or his delegate.</td>
</tr>
<tr>
<td>EPA</td>
<td>Environmental Protection Authority</td>
</tr>
<tr>
<td>EP Act</td>
<td><em>Environmental Protection Act 1986</em></td>
</tr>
<tr>
<td>ha</td>
<td>hectares</td>
</tr>
<tr>
<td>ML</td>
<td><em>Mega Litres</em></td>
</tr>
<tr>
<td>Mt</td>
<td><em>Million Tonnes</em></td>
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<tr>
<td>AHD</td>
<td><em>Above Height Datum</em></td>
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Schedule 3

Legacy Offset

1. The proponent shall identify in consultation with the Department of Parks and Wildlife and provide to the State, for incorporation into the conservation reserve system:
   • Preferably land of comparable conservation value and approximately equal to the area of State Forest affected by BGM mining (North Pit and South Pit as shown in Figure 1 of Schedule 1 of this statement) and the F1 Residue Disposal Area as shown in Figure 1 of Schedule 1 of this statement, or
   • Land of comparable conservation value and approximately equal to the area of State Forest affected by the F1 Residue Disposal Area as shown in Figure 1 of Schedule 1 of this statement.
Notes

The following notes are provided for information and do not form a part of the implementation conditions of the Statement:

- The proponent for the time being nominated by the Minister for Environment under section 38(6) of the *Environmental Protection Act 1986* is responsible for the implementation of the proposal unless and until that nomination has been revoked and another person is nominated.

- If the person nominated by the Minister, ceases to have responsibility for the proposal, that person is required to provide written notice to the Environmental Protection Authority of its intention to relinquish responsibility for the proposal and the name of the person to whom responsibility for the proposal will pass or has passed. The Minister for Environment may revoke a nomination made under section 38(6) of the *Environmental Protection Act 1986* and nominate another person.

- To initiate a change of proponent, the nominated proponent and proposed proponent are required to complete and submit *Post Assessment Form 1 – Application to Change Nominated Proponent*.

- The General Manager of the Office of the Environmental Protection Authority was the Chief Executive Officer of the Department of the Public Service of the State responsible for the administration of section 48 of the *Environmental Protection Act 1986* at the time the Statement was signed by the Minister for Environment.
Change to proposal approved under section 45C of the
Environmental Protection Act 1986

This Attachment replaces Schedule 1 of Ministerial Statement 971

Proposal: Newmont Boddington Goldmine
Proponent: Newmont Boddington Gold Pty Ltd

Changes:
- Increase the Authorised Extent of the development envelope from 11,712 hectares (ha) to 12,856 ha (Table 2).
- Realignement of the disturbance footprint, with new Figures to delineate the change (Figure 1 and 2).

Table 1: Summary of the Proposal

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Table 2: Location and authorised extent of physical and operational elements

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</tr>
<tr>
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<td>12,856 ha</td>
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<td>Disturbance footprint</td>
<td>Figure 1</td>
<td>Clearing of no more than 6850 ha of vegetation within the 11,712 ha development envelope.</td>
<td>Clearing of no more than 6850 ha of vegetation within the 12,856 ha development envelope.</td>
</tr>
<tr>
<td>Clearing of native vegetation</td>
<td>Figure 1</td>
<td>Clearing of no more than 5435 ha of native vegetation within the 11,712 ha development envelope.</td>
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**Operational elements**

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Note: Text in **bold** in Table 2 indicates a change to the proposal.

**Figures** – Figure 1 and 2 in Schedule 1 is replaced by the following:
Figure 1  Newmont Boddington Goldmine Development Envelope

[Signed 17 May 2019]

**Dr Tom Hatton**  
CHAIRMAN  
Environmental Protection Authority under delegated authority

Approval date: ________________
Figure 1: Newmont Boddington Goldmine Development Envelope