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Cowal Gold Project
Independent Environmental Audit
January to June 2006

July 2006

Prepared for:
Barrick Australia Limited
Cowal Gold Project
Clear Ridge Road
West Wyalong NSW 2671 Australia

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EXECUTIVE SUMMARY

An independent environmental audit of the mining and infrastructure areas of the Cowal Gold Project (CGP) construction was conducted between the 19 and 23 June 2006 by Trevor Brown and Robert Drury of Trevor Brown & Associates, to assess the status of the construction activities between January and June 2006 in relation to the conditions of approval and in accordance with the Minister's Conditions of Approval (MCoA) No. 8.8.

The compliance audit was conducted generally in accordance with the Australian/New Zealand Standards AS/NZS ISO 14010:1996 - Guidelines and General Principles for Environmental Auditing; and AS/NZS ISO 14011:1996 – Procedures for Environmental Auditing.

The construction activities associated with the CGP commenced in January 2004 following preparation and approval of the required environmental management plans in accordance with the requirements of the MCoA.

This Independent Environmental Audit reviewed the documentation in relation to the requirements of the MCoA and the other licenses and approvals granted for the project, for the construction activities between January and June 2006.

Construction between January 2004 to December 2005 involved establishment of temporary facilities for the mine administration and infrastructure, commencement of major earthworks related for the temporary isolation bund around the perimeter of the mine pit, laying of the supply pipeline across Lake Cowal from the production bores to the mine , completion of the permanent isolation bunds around the mine pit, construction of the water management structures and contained water ponds, internal access roads, northern and southern tailings storage facilities and process plant construction including the in-ground crusher unit.

In the period January to June 2006 further establishment of mine infrastructure occurred with major process plant components completed and commissioning of the process plant components started in March 2006.

Documentation held by Barrick at the Cowal Gold Project site and availability of site personnel for interview was provided to the auditors in an efficient manner and made the audit process and verification of compliance with the MCoA and other statutory approvals a straight forward exercise.

The audit findings confirmed compliance of the Cowal Gold Project with all the documentation approvals and requirements contained in the MCoA related to the construction of the mine infrastructure and pre-commissioning of the process plant. No non-compliances were identified in relation to the requirements of the conditions attached to the Minister's Consent, Environment Protection Licence or Mining Lease.

1. INTRODUCTION

1.1 Background

The development consent granted for the Cowal Gold Mine (CGP) included the requirement for an independent third party audit of compliance to be conducted six monthly during construction in accordance with the Minister's Condition of Approval (MCoA) 8.8 - Third Party Monitoring/Auditing:

(a) An Independent Environmental Audit shall be completed:

- *six monthly during construction;*
- *12 months after commencement of ore processing;*
- *then every three years thereafter until decommissioning of the mine and ore processing operations respectively, or as otherwise directed by the Director-General.*

The Applicant shall conduct an environmental audit of the mining and infrastructure areas of the development in accordance with ISO 14010 - Guidelines and General Principles for Environmental Auditing, and ISO 14011 - Procedures for Environmental Auditing (or the current versions), and in accordance with any specifications required by the Director-General. Copies of the report shall be submitted by the Applicant to the Director-General, BSC, EPA, DLWC, DMR, NPWS and CEMCC within two weeks of the report's completion for comment.

(i) The audit shall:
assess compliance with the requirements of this consent, licences and approvals;
in the event of any non-compliance, report on the effectiveness of the environmental management of the mine as it may relate to the area of non-compliance;
be carried out at the Applicant's expense; and
be conducted by a duly qualified independent person or team approved by the Director-General in consultation with BSC and CEMCC.

(ii) The Director-General may, after considering any submission made by the relevant government agencies, BSC and CEMCC on the report, notify the Applicant of any requirements with regard to any recommendations in the report. The Applicant shall comply with those reasonable requirements within such time as the Director-General may require.

This independent environmental audit of the construction activities associated with the mining and infrastructure areas of the development was conducted between the 19 and 23 June 2006 by Trevor Brown and Robert Drury of Trevor Brown & Associates, to assess the environmental compliance status of the development activities.

1.2 Scope of Work

The compliance audit was conducted in accordance with the Australian/New Zealand Standards:

AS/NZS ISO 14010:1996 - Guidelines and General Principles for Environmental Auditing; and
AS/NZS ISO 14011:1996 – Procedures for Environmental Auditing.

The scope of work for the compliance audit of the CGP included the following components:

- review of the implementation of the requirements of the development consent conditions, licences and approvals for the project;
- conduct of a site inspection and review of on-site documentation and monitoring data relevant to the compliance audit;

- discussions with project staff in relation to the development consent conditions and construction of the project;
- assessment of compliance of the project with the development consent conditions;
- preparation of an Independent Environmental Audit Report providing assessment of compliance against each consent condition.

1.3 Structure of the Audit Report

The report has been prepared to provide comment on each condition of approval in a tabulated form, with additional discussion where required on specific matters. The tabulated comments are attached as appendices for the MCoA, Environmental Protection Licence (EPL) and Mining Lease, with discussion of the status of other approvals provided where relevant for the first 30 months of the project construction:

Section 1	Introduction
Section 2	Cowal Gold Project Status to June 2006
Section 3	Ministers Conditions of Approval (MCoA)
Section 4	Other Approvals
Section 5	Conclusions

Appendix A	Ministers Conditions of Approval Table
Appendix B	Environment Protection Licence No. 1192 Conditions Table
Appendix C	Mining Lease No. 1535 Table
Appendix D	Bore Licence Certificates – Cowal Gold Project

Glossary

The comments for the audit of the CGP for January to June 2006 are highlighted in **red** in the appended tables to clearly identify changes to the status of the audit findings for this six (6) month period of construction of the project. The previous audit findings have been left in the tables to provide a progressive review of the project construction progress.

1.4 Compliance Tables

The status of compliance of the Cowal Gold Project with the conditions of consent have been expressed in the audit tables using the following terminology:

Compliance - Yes	Implies compliance with the intent and/or requirement of the approval condition.
Compliance - **NO**	The specific requirement of the consent condition was not met.
Substantial Compliance	The intent of the consent condition has been met for the majority of the time, with some incidents where full compliance did not occur (eg. where monitoring results exhibit non-compliance for less than 5% of the total results for blast overpressure).
In progress	Construction activities have commenced and requirements of the MCoA are being implemented.
Not Activated (N/A)	The condition had not been activated because the activity had not yet commenced, or the requirement of the condition had not been triggered (e.g. complaint driven monitoring, land acquisition, etc).
Noted	No specific auditable requirement applicable to the condition.

2 PROJECT STATUS

The construction activities associated with the Cowal Gold Project commenced in January 2004 following preparation and approval of the required environmental management plans in accordance with the MCoA and Barrick obtaining the relevant approvals, permits, consents and licenses for the construction activities.

The general layout for the mine infrastructure and facilities is in accordance with the requirements of MCoA 1.1 as amended on 4 August 2004:

> *"The development is to be carried out generally in accordance with the EIS dated 13 March 1998, including the Statement of Intent by North Gold (WA) Ltd, and prepared by Resource Strategies, as amended by the plans in Appendix 2 of this consent and all other relevant documentation, including the Applicant's primary submission, and submission in reply to the Commission of Inquiry, as may be modified by the conditions set out herein."*

The construction activities during the first six (6) months January to July 2004 involved establishment of temporary facilities for the mine administration and infrastructure installation, and commencement of major earthworks related for the temporary isolation bund and laying of the water supply pipeline from the production bores to the mine.

The project layout and location of the major activities are shown in Figure 1 for the first 6 months of construction and include:

New road within the Travelling Stock Route (TSR) and TSR establishment completed.
Fencing of the mining lease boundary and TSR completed.
Four (4) bores installed in the Bland Creek Palaeochannel.
Fire breaks constructed across the mining lease.
Relocation of Telstra cables.
Relocation of power lines within the ML boundary.
Meteorological station relocation to a permanent site.
Installation of the level crossing for the mine access road.
Removal of farm buildings impacted by mine infrastructure development.
Protective fences installed around high value heritage items on the mining lease.
Water supply pipeline to the mine from the production bores was completed across Lake Cowal in June 2004.
Temporary isolation bund started in mid-June 2004.
Construction of D1and D4 water storage facilities started in late June.
Commencement of catchment drainage works.

Figure 1 Status of Cowal Gold Project development July 2004

Plate 1: TSR and new road June 2004.

Plate 2: Heritage building – shearing shed and yards

Plate 3: Heritage building with protective fencing

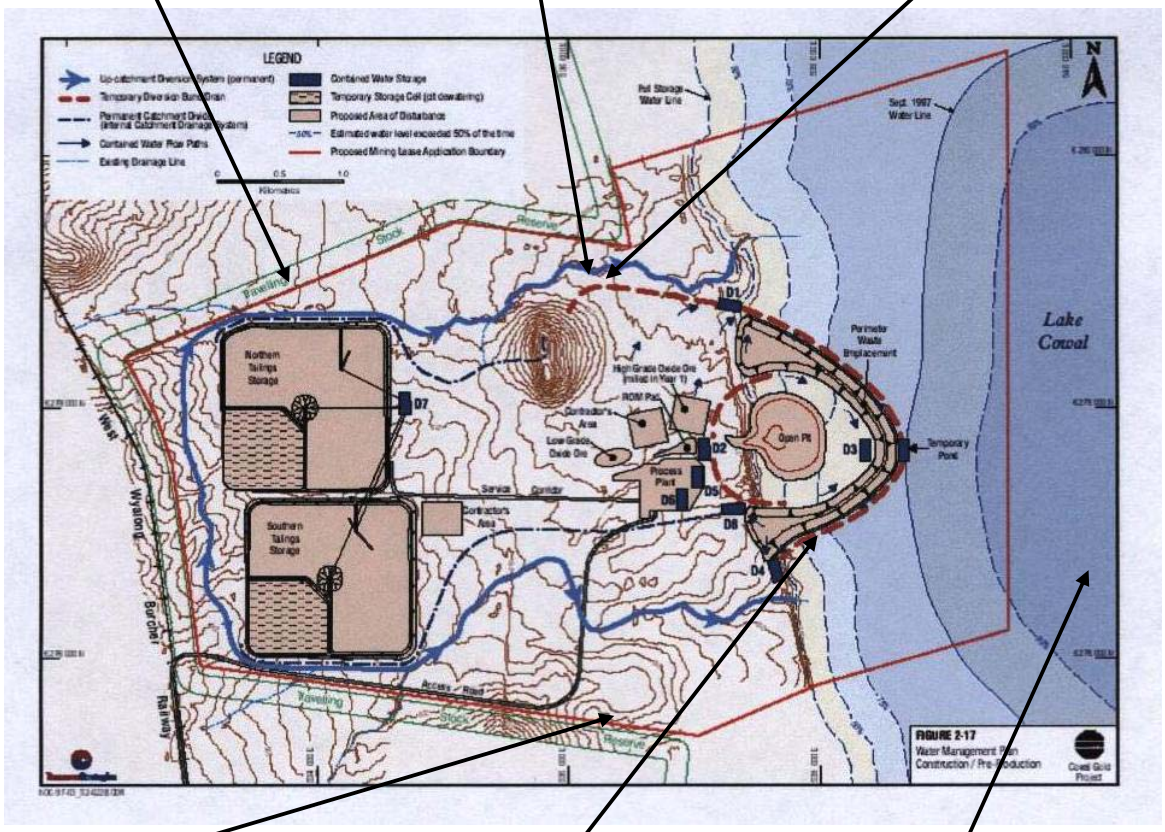


Plate 4: Meteorological Station.

Plate 5: Commencement of Temporary Isolation Bund.

Plate 6: Pipeline trench across Lake Cowal.

The major activities for construction between July 2004 and January 2005 are shown in Figure 2 and included:

Temporary and Permanent isolation bunds completed.
Monitoring monuments and bores installed on the permanent isolation bund.
Water storage facilities D1, D2, D3, D4, D5 and D6 constructed.
Catchment drainage works around the mine project disturbed areas constructed.
Internal access road from the lease boundary to the process plant site commenced.
Water pipeline and dewatering bores for the mine pit installed.
Concrete Batch Plant installed (Readymix).
Temporary contractors compound (Hardy Bros) developed.
Crusher pit excavated for installation of the inground crusher at the process plant site.
Process plant foundations commenced for major structures.

The major activities of construction between January and June 2005 are shown in Figure 3 and included:

Water storage facilities D8a and D8b constructed.
Catchment drainage works around the project areas constructed and improved.
Internal access road from the lease boundary to the process plant site completed and sealed.
Crusher construction in the excavated pit adjacent to the process plant site commenced.
Process plant foundations commenced for major structures complete.
Fabrication of bulk storage tanks for the process plant in progress with relocation of finished tanks to the tank farm adjacent to the process plant.
Diesel bulk storage tank construction and installation.
SAG and ball mill footings complete and components received on site.
Fabrication of the mills for the process plant in progress.
Flotation tanks installed at the process area.
Mine Fleet Workshop constructed.
Pre-stripping in the mine pit commenced in April.
Topsoil and infill material stockpiles established from mine pit pre-strip.

The major activities of construction between July and December 2005 are shown in Figure 4 and included:

Process plant components were all delivered to site and sections of the plant were being constructed
Semi Autogenous Grinding Mill (SAG) and Ball Mill installed
Flotation tanks installed
Leach tanks installed
Primary crusher plant and ancillaries completed
Permanent Mine Offices constructed
Water storage D5 constructed
Northern Tailings Storage Facility completed
Southern Tailings Storage Facility constructed (due for completion December 2005)
Mine pit excavation advanced with excavation of ore material started for stockpiling
Oxidised ore and primary ore stockpiles established

The major activities between January and June 2006 are shown in Figure 5 and included:

Completion of the process plant construction.
Commissioning of components of the process plant.
Southern Tailings Storage Facility (STSF) completed and discharge of tailings from May 2006.
Installation of bird deterrent units on STSF.
Completion of the fauna proof fence around the tailings storage facilities.
Main Workshop completed and equipment maintenance undertaken.
Fuel farm and vehicle wash bay established.
Covered stockpile area and conveyor system established for crushed ore.
Mine pit excavation advanced with excavation of low grade and high grade ore stockpiles

Figure 2 Status of Cowal Gold Project development January 2005

Plate 1: Crusher pit excavation – January 2005

Plate 2: Contained Water Storage D6 – HDPE lined.

Plate 3: Concrete Batch Plant near Process Plant Area

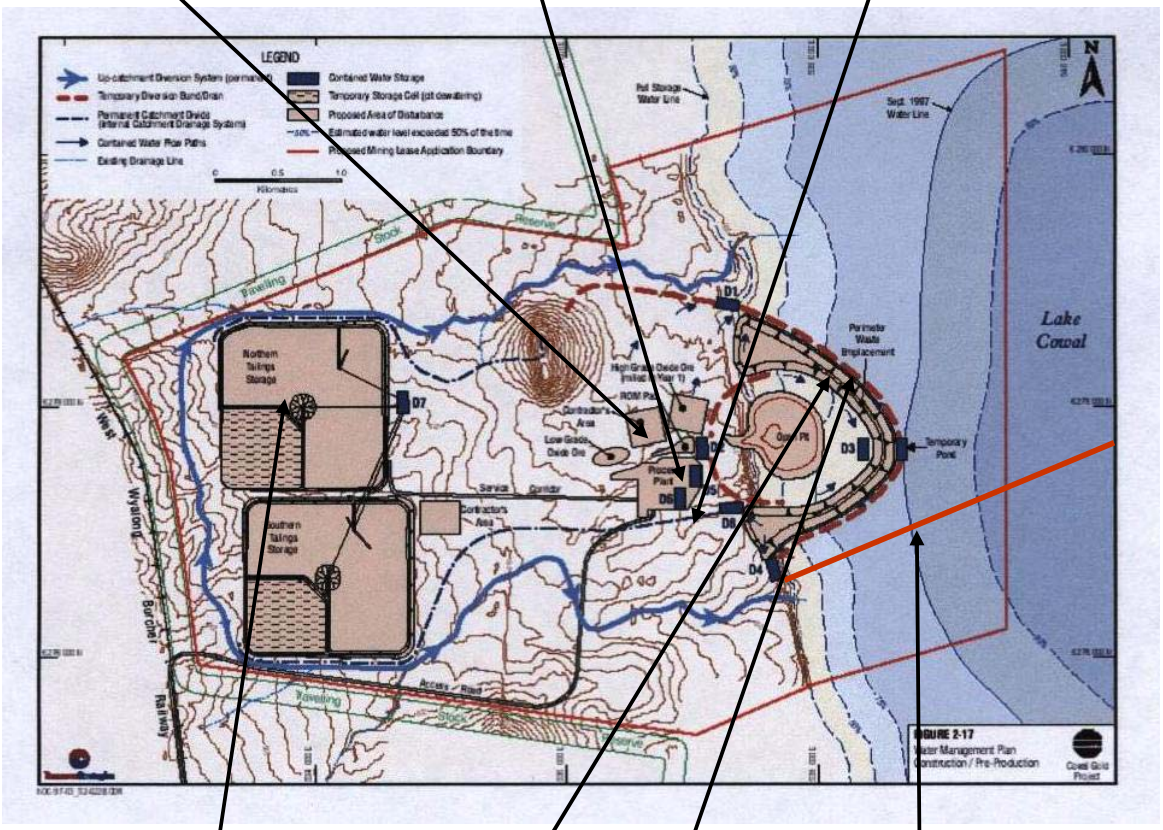


Plate 4: Northern Tailings Storage Facility establishment January 2005.

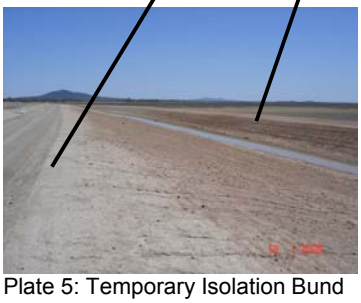


Plate 5: Temporary Isolation Bund and Permanent Isolation Bund.

Plate 6: Rehabilitated pipeline trench across Lake Cowal January 2005.

Figure 3 Status of Cowal Gold Project development June 2005

Plate 1: Crusher in excavation – June 2005

Plate 2: Ball Mill fabrication for the process plant – June 2005

Plate 3: Mine Fleet Workshop – June 2005

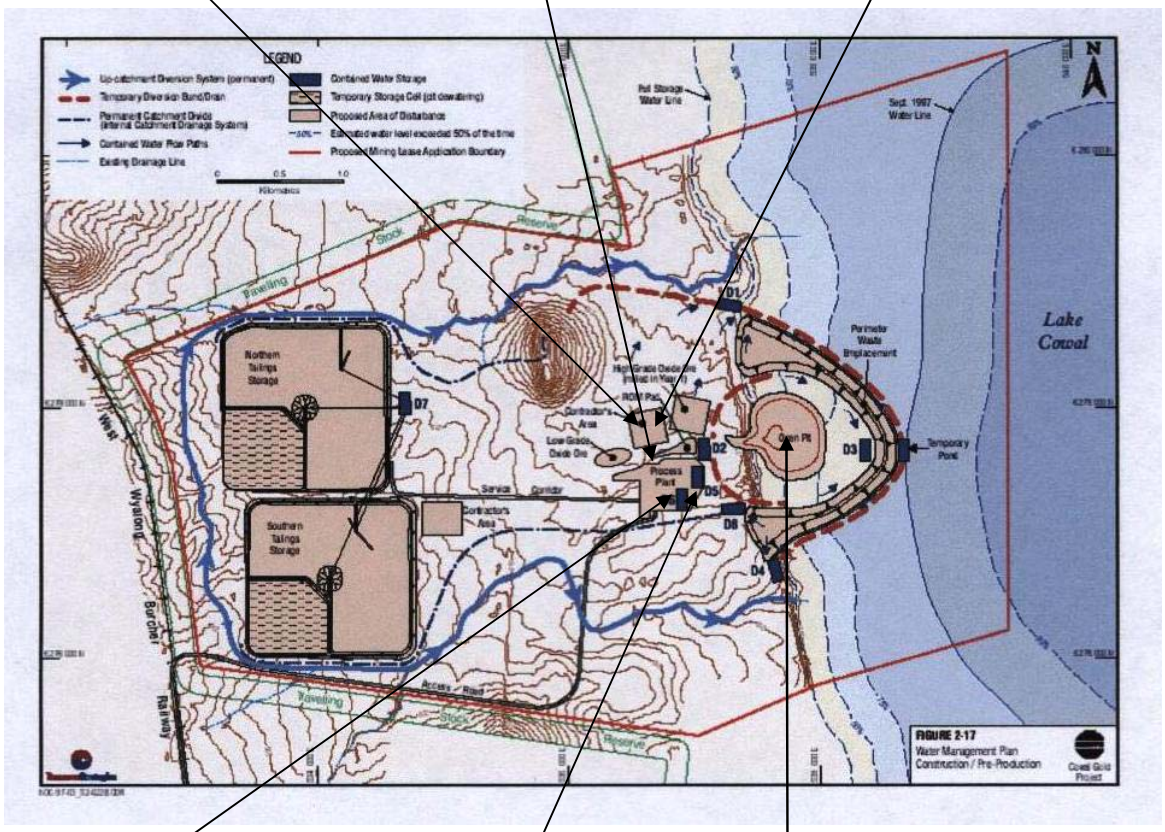


Plate 4: Flotation tanks – process plant

Plate 5: Bulk storage tanks installation adjacent to process plant

Plate 6: Leibherr R994 backhoe and Cat 789C dump truck in the pit – 06/05

Figure 4 Status of Cowal Gold Project development June 2005

Plate 1: Crusher in excavation – December 2005

Plate 2: Ball Mill fabrication for the process plant – December 2005

Plate 3: Mine Fleet Workshop – December 2005

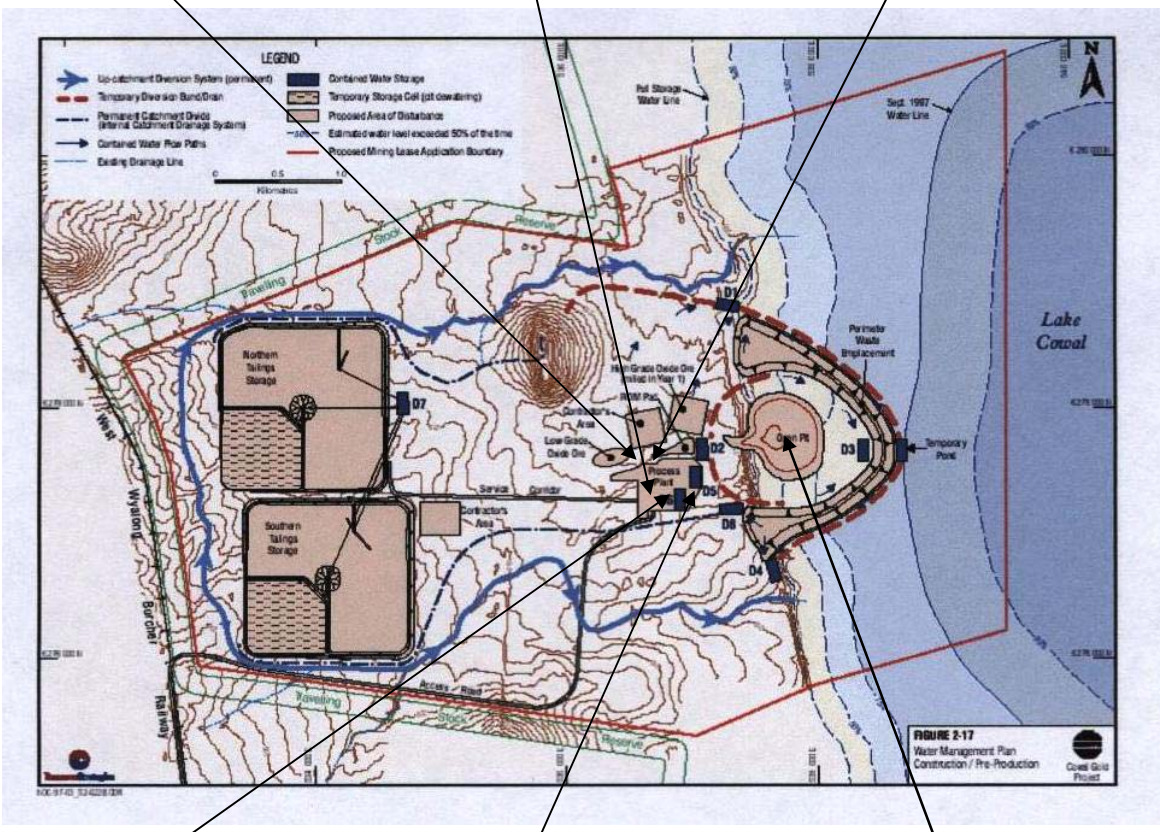


Plate 4: Flotation tanks – process plant

Plate 5: Bulk storage tanks installation adjacent to process plant

Plate 6: Leibherr R994 Cat 789C dump truck in the pit – December 2005

Figure 5 Status of Cowal Gold Project development June 2006

Plate 1: Mine Fleet Workshop – December 2005

Plate 2: Oil/Grease storage and dispensing units for Fleet Workshop

Plate 3: Ball Mill fabrication for the process plant – Dec 2005

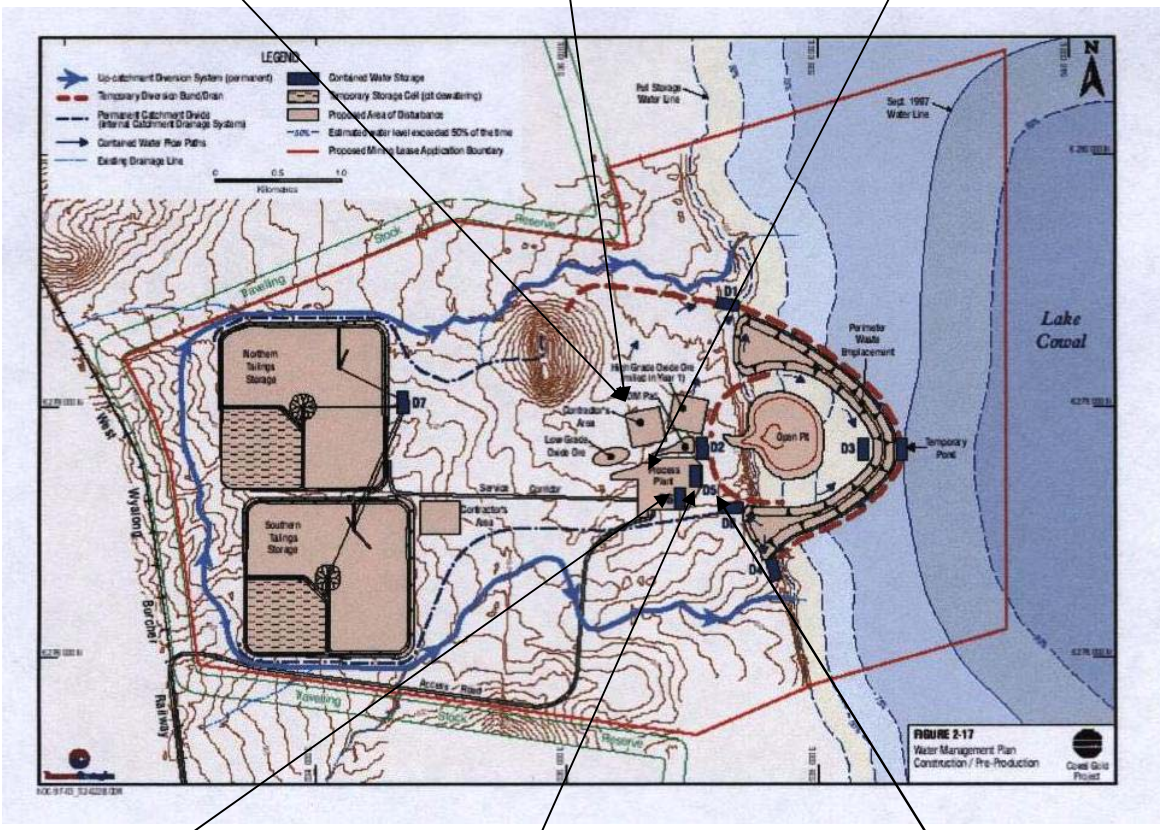


Plate 4: Flotation tanks – process plant - June 2006

Plate 5: Bulk storage tank installation process plant – June 2006

Plate 6: Covered ore stockpile area adjacent to the process plant

Plate 7: Cowal Gold Mine pit – 21 June 2006

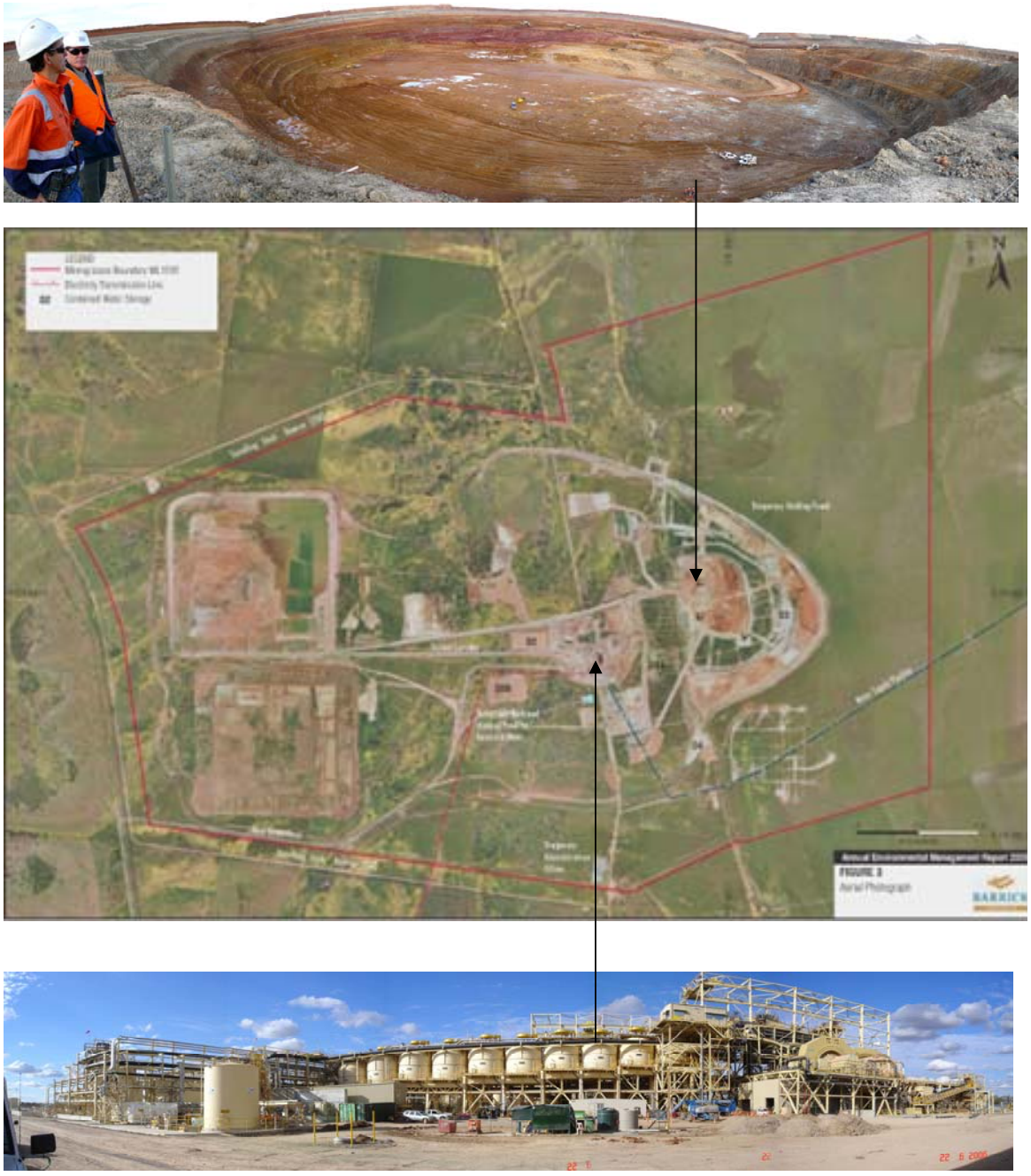


Plate 8: Process plant 22 June 2006 during commissioning period.

3. MINISTER'S CONDITIONS OF APPROVAL

The Development Consent (DA14/98) under the *Environmental Planning and Assessment Act 1979* with the Minister's Conditions of Approval (MCoA) for the CGP was granted on 26 February 1999. Modifications to the consent were granted on 11 August 2003, 22 December 2003 and 4 August 2004, and include general requirements in relation to the overall development of the Cowal Gold Project, and specific requirements for the management of potential issues where the legislative and administrative responsibilities are shared with other agencies (e.g. Department of Primary Industries, Department of Environment and Conservation, local Councils, etc).

This Independent Environmental Audit reviewed the available documentation in relation to the requirements of the MCoA and the other licenses and approvals granted for the project.

Where an authority other than Department of Infrastructure, Planning and Natural Resources (now the Department of Planning) had administrative responsibility for the requirements of the condition(s) or other approvals, the compliance status was determined by reviewing correspondence and consultation undertaken by Barrick to meet the requirement of the conditions of approval.

As this independent environmental audit was conducted of the construction activities for the Cowal Gold Project, a number of the approval conditions had not yet been activated. Where this is the case no comment is provided and the status of these conditions will be assessed and audited in later audits of the construction and/or operational activities.

Review of compliance with the MCoA for the CGP is summarised in the table attached in Appendix A.

3.1 Management Plans

Comments on the conditions related to the management plans are included under each specific condition in the Development Consent and Environmental Protection Licence tables in Appendices A and B. The following comments are provided where commitments in the management plans are made by Barrick for the Cowal Gold Project and specific additional comment was required.

Indigenous Archaeology and Cultural Heritage Management Plan

The Indigenous Archaeology and Cultural Heritage Management Plan was prepared by Barrick and approved by the Wiradjuri Condobolin Corporation (WCC) in writing on 6 August 2003. Approval was given under the auspices of the Wiradjuri Condobolin Culture and Heritage Company (WCC&HC) which was set up to manage the cultural and heritage component of the agreement between Barrick Australia and the Wiradjuri Condobolin People. The following comments are provided in relation to the management program for indigenous archaeology and cultural heritage:

- Prior to any land disturbance and construction earthworks being carried out at the CGP mine lease site, archaeological investigations have been undertaken by Cultural Heritage Officers provided by WCC working under the Principal Consulting Archaeologist (Dr Colin Pardoe). These investigations have enabled Letters of Certification to be submitted to Barrick by Dr Pardoe. The works and collection of artefacts have been conducted under the Section 87 and 90 Consents from NPWS, issued for the project.

- Investigations have included the collection of representative samples, the avoidance of some sites where artefacts or items have been identified, and conservation works conducted to protect identified items.

- A Master Inventory of items found during archaeological investigations has been established and data entry is on-going.

- The Temporary Keeping Place established on the ML site for collected archaeological items has continued to be maintained with any new artefacts recorded and stored in the Keeping Place during the January to June 2006 period. The Keeping Place is managed by Dr Pardoe.

- WCC has a proposal before Lachlan Shire Council to construct a permanent Keeping Place and Cultural Centre.

- Meetings of the Employment Training and Business Committee (ETBC) were held on 7 February, 9 March and 6 May 2006 at West Wyalong and Cowal Project Coordinating Committee (CPCC) were held on the 7 February 2006 in the Wiradjuri Condobolin Corporation (WCC) office at Condobolin.

- Meetings of the Community Environmental Monitoring and Consultative Committee (CEMCC) were held at the Cowal Gold Project site on 1 March and 7 June 2006

Flora and Fauna Management Plan

The Flora and Fauna Management Plan presents general management strategies to help conserve wildlife values within ML 1535 and around Lake Cowal including the design and construction of the mining lease fence, construction of the pipeline and night lighting. The Threatened Species Management Protocol and Vegetation Clearance Protocol were also developed as part of the Flora and Fauna Management Plan for implementation as required during the construction period. The following comments are provided in relation to the implementation of the Flora and Fauna Management Plan:

- Fauna Incident Notifications were provided to DEC on 6 occasions between January and June 2006.

- 2000 trees have been planted on Lakeside and 2052 on Hillgrove properties.

- Logs have been placed into the compensatory wetland area in accordance with the Remnant Vegetation Enhancement Program (RVEP) and hollows and logs have also been stockpiled within the mine lease along the northern side of the northern tailings storage facility. Monitoring of the Fellmans Hill RVEP area will be carried out in spring.

- Rehabilitation has been started on the Southern Tailings Storage Facility external walls and on the first batter of the perimeter waste emplacement on the eastern side of the mine pit.

- The Vegetation Clearance Protocol has been triggered and the Vegetation Clearance Procedure has been instigated in 30 areas of the project. Detailed reports on each of these areas are contained in, *Cowal Gold Project: Vegetation Clearance Protocol Reports*, Barrick Australia, September 2005. Additional *Vegetation Clearance Protocol Reports* are being prepared for the northern waste emplacement, tailings dam fence line, magazine area and low grade ore stockpile area for clearance surveys conducted in 2006.

- The Threatened Species Protocol has been triggered in 56 instances related to the Grey-crowned Babbler (53 instances), with the Magpie Goose, Superb Parrot and Hooded Robin each being reported on one occasion.

Erosion and Sediment Control Management Plan

The Erosion and Sediment Control Management Plan presents general measures to be implemented for the project. Specific Erosion and Sediment Control 'Sub'-Plans have been prepared for each construction activity or stage of the project detailing the specific controls to be implemented. Specific sub-plans have been prepared for construction works (refer to MCoA 3.5 for specific comments) and erosion and sediment control management during the January to June 2006 period involved inspections of erosion and sediment control structures carried out following any rainfall events and infill testing of site soils recorded by Barrick personnel.

Soil Stripping Management Plan

The Soil Stripping Management Plan presents the soil stripping activities for the project. Scheduling for soil stripping is provided in the Mining Operations Plan prepared in accordance with the Mining Lease requirements imposed by the DPI.

Soil stripping has been carried out in the Mine Pit, Northern and Southern Tailings Storage Facilities, Cowal West Hill quarry area and the explosives magazine area, and the waste emplacement areas.

The topsoil stockpile database is updated as new mining stockpile information is obtained. The segregation of topsoil and infill material onto stockpiles continues and the material on these stockpiles is managed in accordance with the Soil Stripping Management Plan and rehabilitation strategies.

Landscape Management Plan

The requirements of the Landscape Management Plan have been activated with Stage 1 (Earth Mound Screening) constructed along the northern boundary of the lease area and Stage 2 (Vegetation Screening) along the lease boundary with 17,000 trees planted at the perimeter of the ML, in accordance with the plan. Stage 1 of the Plan (Earth Mound Screening) is complete and Stage 2 (Vegetation Screening) is complete apart from around the Southern Tailings Storage Facility. Implementation of Stage 3 (Project Rehabilitation Works) has commenced with seed collection from local Eucalypts planned for the 3rd and 4th quarter 2006 and grass trials to be carried out on the lake bund.

Bushfire Management Plan

The Bushfire Management Plan has been prepared with response to fires including assessment, control and cleanup, generally to be guided by the NSW Rural Fire Service. Response capability available in the Cowal Gold Project area includes three brigades in the region (Wamboyne, Clear Ridge and Blow Clear). The Emergency Services Co-operation Agreement (Memorandum of Understanding) between Barrick and the NSW Fire Brigades is awaiting final signature by NSW Rural Fire Service.

The established Barrick Emergency Response Team has been engaged in bushfire training with Cowal Gold Project personnel involved in hazard reduction, fire-break construction and reduction of fuel loads.

General training for operational staff has also been carried out. A register of all fire training undertaken by Barrick staff is kept on site.

A Fire Trail register for the ML area is on the CGP computer network.

The existing fire fighting unit on site will be replaced during the third quarter 2006 by two new Category 7 units. There are also two (2) trailer mounted 1000L firewater tanks and fire hose units on site and two spill response units. An ambulance is also permanently on site and a first aid room has been established in the new administration building adjacent to the process plant.

Land Management Plan

The land management strategies relating to pasture management, weed and pest control outlined in the Land Management Plan are being progressively implemented. Pasture management for the TSR, grazing and pasture areas on Barrick's holdings has been implemented and remnant vegetation management on the mining lease area is implemented as the site development progresses. The annual weed inspection was carried out in December 2005 by AG*n*Vet Services of West Wyalong.
A pest animal inspection was carried out by Condobolin Rural Lands Protection Board on 17 August 2005. No pest animals were reported but monitoring of the timber heaps around the mine site was recommended and has been implemented. Pest control activities between January and June 2006 have included baiting for foxes and rabbits.

Weed inspections were conducted in December 2004 and weed control by spraying was carried out by CGP personnel on the ML and TSR targeting Bathurst Burr and Galvanised Burr.

The pasture management trial on the Hillgrove property is being carried out in conjunction with the Lake Cowal Foundation Limited (LCF) required some pasture re-sowing and the trials are continuing during 2006.

Compensatory Wetland Management Plan

Monitoring of the three survey sites identified in the Compensatory Wetland Management Plan [i.e. the compensatory wetland site (CW); the remaining areas of wetland within ML1535 (RW) and wetland areas subject to grazing (site GW)] was carried out in 1st quarter 2005 and February 2006.

Monitoring of compensatory wetland regeneration indicated that the removal of grazing from the mining lease area has had a beneficial effect on the vegetation, compared with the surrounding land that is still subject to grazing by farm practices off the mine lease area.

Site Water Management Plan

The approved Site Water Management Plan has been implemented with the construction of water management ponds (D1, D2, D3, D4, D5, D6, D8A and D8B) and surface water drainage structures including a permanent catchment divide around the operational areas of the project.

Water management pond D5 in the process plant area was completed in 1st quarter 2006 with DEC granting approval for the permeability criteria on 14 March 2006. DEC has now approved the permeability criteria for all water management ponds.

Trigger rainfall monitoring (>20mm/24hrs) occurred on 5 August and 25 November 2005, and 11 June 2006.

The Operations Water Budget has been prepared and is subject regular review and revisions.

Hazardous Waste and Chemical Management Plan

The hazardous waste and chemical management plan for the project has been prepared and the requirements of the plan have been implemented where relevant (e.g. bunded fuel and lubricant storage). A Construction Emergency Response Plan was also prepared for the project. The Operations Emergency Response Plan was approved by DOP on 14 December 2005 and is now part of the waste and chemical management procedures.

Two emergency response trailers are operational for the project and the Emergency Response Team and other members of the Barrick workforce have received training in emergency response procedures.

The CHEMALERT system has been implemented for all existing chemicals on site and applies to the acquisition of any new chemicals bought on to the site. Modifications to the purchasing

requisition process for new chemicals have been introduced to meet the requirements of the recording and reporting systems.

Hydrocarbon contaminated materials (e.g. oily rags, oil filters etc) are removed from the site under contract by ERS. A waste management strategy for collection and disposal of all project wastes from the site has been instigated and is being managed by the Environment Section staff.

Dust Management Plan

The requirements of the Dust Management Plan has been implemented for the project area and activities with use of water trucks to suppress dust during disturbance of surface soils, treatment of access roads for dust suppression, speed of vehicles on unsealed surfaces is restricted, and soil stripping is limited to areas required for the development of the mine activities.

Water trucks were observed to be in use on the site inspection conducted during the audit, vehicle speed signs were installed on the access roads to the work areas (20 kph), and land disturbance and soil stripping has only occurred in areas where the mine design required clearance for the current works.

Blast Management Plan

The Blast Management Plan was activated when blasting commenced in September 2005. All blasts are monitored with fixed overpressure and vibration monitors at three locations and one portable monitor. No monitoring results for the blasts conducted between September 2005 and June 2006 exceeded the regulatory standards of 115dBL overpressure or resulted in vibration that has triggered the monitors.

Noise Management Plan

The Noise Management Plan (NMP) was prepared in consultation with DEC and received approval by DIPNR in November 2004.

The NMP establishes a noise management strategy for the project through:

- identification of relevant noise standards;
- identification of potential noise sources and impacts;
- identification of noise management and mitigation measures;
- development of a noise monitoring programme;
- establishment of proactive and responsive noise management protocols; and
- establishment of community consultation protocols.

The plan provides for the management of noise impacts and monitoring during temperature inversions, six monthly noise monitoring as outlined in the Noise Investigation Plan, methods to be utilised to monitor the impact of noise on wildlife, a program to be undertaken to survey and investigate the effectiveness of noise reduction measures implemented in relation to noisy activities, and the noise reduction strategies with procedures to be implemented in the event of exceedance of the EPL noise criteria or disturbance of bird breeding or other wildlife.

Operational components of the NMP came into effect with the approval of the MOP in April 2005 and the modification of the EPL by DEC on 19 April 2005.

A mine noise survey was conducted by Heggies Australia in June to August 2005 in accordance with the conditions of approval and an attended noise survey was carried out by Heggies Australia Pty Ltd over the period 14 to 16 February 2006.

Traffic Noise Management Plan

The approved Traffic Noise Management Plan is operational. To establish traffic flows associated with the project, unattended traffic loggers were deployed on Wamboyne Road adjacent to the *Windstone* residence and the *Clairview* residence and on Ungarie Road adjacent to 140 Ungarie Road over the period 15 to 21 February 2006. Operator attended traffic noise measurements were also conducted at the Windstone residence and 140 Ungarie Road during morning and evening peak traffic movements on 15 February 2006.

The measured traffic noise levels in February 2006 were generally consistent with the predictions and assessments presented in the Traffic Noise Management Plan August 2003.

Cyanide Management Plan

The Cyanide Management Plan was submitted to the Director-General and approved by the Department of Planning on 9 January 2006. The management of cyanide transport, storage and use in the process plant has been implemented in accordance with the Cyanide Management Plan.

Monitoring of cyanide in the discharges to the tailings storage facility has been conducted twice daily during the process plant commissioning period. The results of the tailings monitoring have exhibited low levels of CN_{WAD} in compliance with the MCoA and EPA criteria. All results except two exhibited cyanide were below the 20mg CN_{WAD} /L and no results exceeded the 30mg CN_{WAD}/L standard.

Observations of birdlife on the tailings storage facilities have also been conducted twice a day to assess the effectiveness of the acoustic and passive deterrent devices that have been installed at the tailings storage facility.

4. OTHER STATUTORY REQUIREMENTS

In addition to the conditions of approval attached to the Minister's consent, MCoA 12 requires:

> *"The Applicant shall ensure that all statutory requirements including but not restricted to those set down by the Local Government Act 1993, Pollution Control Act 1970, Clean Air Act 1961, Clean Water Act 1970, Noise Control Act 1975, Protection of the Environment Administration Act 1991, Protection of the Environment Operations Act 1997, National Parks and Wildlife Act 1974, and all other relevant legislation, Regulations, Australian Standards, Codes, Guidelines and Notices, Conditions, Directions, Notices and Requirements issued pursuant to statutory powers by the BSC, EPA, DMR, DSC, NPWS, DLWC, RTA, NSW Agriculture, NSW Fisheries, and RAC, are fully met."*

The following licences, permits and approvals have conditions that have been assessed for compliance and implementation where relevant to the current status of the construction activities for the Cowal Gold Project.

4.1 Environment Protection Licence No. 11912

Barrick Australia received Environment Protection Licence (EPL) 11912 under section 55 of the *Protection of the Environment Operations Act 1997* for the Cowal Gold Project, on 23 December 2003.

Notices of Variation of the Licence dated 29 December 2003, 21 May 2004, 24 September 2004, 19 April 2005 and 17 January 2006 have been advised.

Review of compliance of the construction activities with the EPL conditions is summarised in the table attached in Appendix B.

The permanent groundwater monitoring piezometers in the process plant area (i.e. points 26 and 27) are to be installed in the 1st quarter 2006 when the construction of the process plant is complete and the area of the piezometers will not be further disturbed. Monitoring of the groundwater commenced in the area of the tailings storage facilities prior to any tailings being placed in the storage areas. The pit dewatering piezometers installed around the mine pit area have been sampled in accordance with the EPL and results reported to the DEC in quarterly reports and the AEMR. The monitoring of groundwater quality has been conducted in piezometers installed on the mine lease area to provide background data and monitoring has continued for the bores that have been retained, in addition to the EPL specified monitoring points.

Surface water sampling in Lake Cowal (i.e. points 14-18) and stormwater quality monitoring (points12-13) had not been conducted prior to June 2005 as there is no water in Lake Cowal or surface runoff from the mine lease site to the lake. Rainfall in late June and November 2005 and June 2006 triggered sampling of surface water sites within the mine lease area, but did not result in significant surface water collection in the lake to trigger the requirement for monitoring of Lake water. No lake water monitoring was conducted between January and June 2006.

The meteorological station has been installed west of the temporary Mine Administration compound adjacent to the southern TSR alignment and east of the southern tailings emplacement area. The meteorological station records wind speed and direction, temperature and rainfall data continuously over 15 minute periods. Evaporation data is also collected for use in the site water management program and operations water budget management.

4.2 Mining Lease ML1535

Mining Lease No. 1535 was granted to Barrick Australia Limited under the Mining Act 1992 on 13 June 2003. The mining lease area is 2,636 hectares. Barrick is the registered proprietor of the majority of the land on which the mining lease is located.

An Initial Mining Operations Plan was prepared by Barrick in March 2004 and submitted to the Director-General, outlining the sequence of construction activities, description of site facilities (including the lake protection bund and tailings storage facilities construction management procedures, environmental monitoring program and references to the Environmental Management Plans) required by the MCoA. The Mining Operations Plan 2005-2007 was submitted to DPI in March 2005 and approved prior to commencement of pre-stripping of the mine pit area.

Review of compliance of the construction activities with the Mining Lease conditions is summarised in the table attached in Appendix C.

4.3 Water Licences

Bore Licence Certificates under section 115 of the Water Act 1912 are held for all the groundwater bores associated with the Cowal Gold Project.

Refer to Appendix D for the complete list of Bore Licence Certificates as at December 2005.

4.4 Part 3A Permits

Permits under Part 3A the *Rivers and Foreshores Improvement Act 1948* were obtained by Barrick for the construction activities at the Cowal Gold Project:

Permit No. 703A010055 – for two proposed creek crossings related to the TSR new road; and
Permit No. 703A010056 – for the installation of a water supply pipeline across Lake Cowal.

Both these stages of the project development are complete and the construction activities complied with the requirements of the Permit conditions.

4.5 Development Applications and Construction Certificates

Development Applications were submitted to the Bland Shire Council for construction of infrastructure and buildings at the Cowal Gold Project site. The required development consents and Construction Certificates were obtained for the mine administration buildings, contractor compound facilities and sewage management systems for the permanent facilities at the site.

Construction Certificates were issued on the 8 December 2004 for Stage 1 Foundations of the Reclaim Tunnel Structure, Sag Mill, Ball Mill, Flotation Area, Ring Beams for tanks including the diesel tank, Reagent Storage Tank Footing Slab Layout.

Construction Certificate application was lodged with DIPNR for the Administration Building, Mine Fleet Workshop and Warehouse on 6 January 2005. Approval was received on 4 April 2005.

Information for the Occupation Certificates for the buildings and process plant components were obtained in the 1st and 2nd quarter 2006. The sewage treatment plant for the permanent offices and process plant area was approved by DoP in Construction Certificate No.6 in April 2005.

5. CONCLUSION

The independent environmental audit of compliance of the construction of the Cowal Gold Project during January and June 2006 was undertaken on 19 to 23 June 2006 with the site inspection, document review and discussions with relevant project personnel conducted. Additional information for verification was provided by Barrick personnel and other parties, between 23 June and 30 June 2006.

The documentation held by Barrick at the Cowal Gold Project site was provided to the auditors in an efficient manner and made the verification of compliance with the conditions of approval and other statutory approvals a straight forward exercise.

The audit findings confirmed compliance of the Cowal Gold Project with all the documentation approvals and requirements contained in the MCoA related to the construction of the mine infrastructure and pre-commissioning of the process plant. No non-compliances were identified in relation to the requirements of the conditions attached to the Minister's Consent, Environment Protection Licence or Mining Lease.

As ore processed has now commenced, the next audit is scheduled to occur in 12 months time.

Glossary of Terms

AEMR	Annual Environmental Management Report
AR	Annual Return – EPA
Barrick	Barrick Australia Limited
BCA	Building Code of Australia
BL	Bore Licence (granted by DLWC)
BSC	Bland Shire Council
CEMCC	Community Environmental Monitoring and Consultative Committee
CGP	Cowal Gold Project
CN	Cyanide
CN_{WAD}	Cyanide weak acid dissociable
CPCC	Cowal Project Coordinating Committee
DA	Development Application
DEC	Department of Environment and Conservation (includes EPA and NPWS)
DIPNR	Department of Infrastructure, Planning and Natural Resources
Director-General	Director-General of DoP
DLWC	Department of Land and Water Conservation (now part of DIPNR)
DMR	Department of Mineral Resources (now part of DPI)
DoP	Department of Planning (formerly DIPNR)
DPI	Department of Primary Industries (includes Mineral Resources)
DSC	Dam Safety Committee
EIS	Environmental Impact Statement – Cowal Gold Project 1998
EPA	Environment Protection Authority (now part of DEC)
EPL	Environment Protection Licence
ETBC	Employment Training and Business Committee
LCF	Lake Cowal Foundation Limited
MOP	Mine Operations Plan
NPWS	National Parks and Wildlife Service (now part of DEC)
NTP	Native Title Party
RTA	Roads and Traffic Authority
SIS	Species Impact Statement
TSR	Travelling Stock Route
WAD	Weak acid dissociable
WCC	Wiradjuri Condobolin Corporation
WCC&HC	Wiradjuri Condobolin Culture and Heritage Company

APPENDICES

APPENDIX A MINISTER'S CONDITIONS OF APPROVAL

Appendix A
Development Consent – Minister's Conditions of Approval (MCoA)

MCoA No.	Consent Condition	Audit Evidence	Compliance	Comments
1.	**GENERAL**			
1.1	***Adherence to terms of DA, EIS, SIS, etc.***			
	Modification 4 August 2004 The development is to be carried out generally in accordance with the EIS dated 13 March 1998, including the Statement of Intent by North Gold (WA) Ltd, and prepared by Resource Strategies, as amended by the plans in Appendix 2 of this consent, and all other relevant documentation, including the Applicant's primary submission, and submission in reply to the Commission of Inquiry, as may be modified by the conditions set out herein.		Yes	July 2004 The Cowal Gold Project is being developed in accordance with the EIS, Commission of Inquiry submissions, the Minister's Conditions of Approval (MCoA) and Modifications to the Development Consent of the *Environment Planning and Assessment Act 1979*.
1.2	***Period of Approval/Project Commencement***			
	(i) The development consent ends on the date which is 21 years from the date of the mining lease approval.	• Letter from DMR Mining Application No. 45 – Cowal Gold Project, 18 June 2003	Noted	July 2004 The mining lease (ML 1535) approval was granted with conditions on 13 June 2003.
	(ii) At least one month prior to the commencement of construction, or within such period as agreed by the Director-General, the Applicant shall submit for the approval of the Director-General a compliance report detailing compliance with all the relevant conditions that apply prior to the commencement of construction.	Development Consent Compliance Report 22 Dec 2003 Supplement to Compliance Report, 7 April 2004 • Letter from DIPNR re Pre-Construction Compliance Report 22 Dec 2003.	Yes	July 2004 Pre-Construction Compliance Report submitted to DIPNR by Blake Dawson Waldron (BDW) lawyers acting for Barrick, and approved by the Director-General on 22 Dec 2003. A supplementary Compliance Report was submitted on 7 April 2004 related to transfer to the Crown for the new TSR of Lot 10 in DP1059150 occurred on 31 March 2004. Construction activities for the project commenced on 12 Jan 2004.
	(iii) At least one month prior to commissioning of the ore processing plant, or within such period as agreed by the Director-General, the Applicant shall submit for the approval of the Director-General a compliance report detailing compliance with all the relevant conditions that apply prior to the commissioning of the ore processing plant.	• Letter from Barrick to DoP re Abridged Time Frame for submission of the Compliance Report, 12 Dec 2005 • Email from DoP – Acceptance of Abridged Time Frame, 6 Jan 2005.	N/A	July 2004 The commissioning of the ore processing plant is planned for 4th quarter 2005. December 2005 The commissioning of the ore processing plant is now planned for 1st quarter 2006. The Compliance Report will be submitted to the DoP prior to the commissioning of the plant in accordance with the approved abridged time frame.

		• Compliance Report submitted to Director-General, 20 January 2006 • Letter from DoP re Compliance with Condition 1.2(iii), 6 March 2006		June 2006 A compliance report detailing compliance with all relevant MCoA that apply prior to the commissioning of the ore processing plant was sent to the Director-General on 20 January 2006.
	(iv) Date of commencement of construction works and date of commissioning of the ore processing plant are to be notified in writing to the Director-General and BSC, at least two weeks prior to commencement of construction works and commissioning of the ore processing plant respectively.	• Letter from BDW to Director-General re Notice of Commencement of Works, 24 Dec 2003 • Letter from BDW to BSC re Notice of Commencement of Works, 24 Dec 2003 • Letter to BSC and DoP re Notice of Commencement of Commissioning of the Ore Processing Plant, 16 Feb 2006 • Letter from BSC re Notice of Commencement of Commissioning of the Ore Processing Plant, Feb 2006	Yes	July 2004 The commencement of construction was notified to the Director-General and BSC 0n the 24 December 2003 and construction activities started on 12 January 2004. Notification of commissioning of the ore processing plant is planned to commence in 4th quarter 2005 June 2006 Notification of date of commencement of commissioning of the ore processing plant on or about 13 March 2006 was sent to the Director-General and BSC on 16 February 2006.
	(v) No mine construction activity is to occur until the relevant approvals under the Environmental Planning and Assessment Act 1979 have been obtained for the construction of the transmission line from Temora to the mine site and the mine access road upgrade. This condition does not require approval to be obtained under the Environmental Planning and Assessment Act 1979 in relation to any rail crossing before mine construction activities can commence.	Approval under Section 115(B) in relation to the Temora to Cowal 132KV Transmission Line, 3 Aug 1999 Bland Shire Council Decision Notification of Approval of Cowal Gold Project Access Road Upgrade, 21 April 1999	Yes	July 2004 Approval under Part 5 of the EP&A Act of the Temora Transmission Line was granted to Great Southern Energy Aug 1999. A Part 5 Approval under the EPA Act for the mine access road approved on 21 April 1999. The Bland Shire Council (BSC) granted approval for the upgrade of the access road to the Cowal Gold Project: MR57 North West Wyalong/Wamboyne Road; Blow Clear/Lake Cowal Road; Lake Cowal/Wamboyne Road; and Public Road adjoining West Wyalong/Burcher Railway
	(vi) If construction works have not commenced within two years of this development consent, the Applicant shall provide an annual report on the status of the project and any major changes to the environmental conditions of the site	• Letter from DIPNR re Application under Section 95B of the EP&A Act, 12 May 2004	Noted	July 2004 Extension of the lapsing period was granted until December 2004. Construction works started in January 2004.
1.3	***Dispute Resolution***			
	In the event that the Applicant and the BSC or a Government agency, other than the Department of Urban Affairs and Planning, cannot agree on the specification or requirements applicable under		Noted	

	this consent, the matter shall be referred by either party to the Director-General or if not resolved, to the Minister for Urban Affairs and Planning, whose determination of the disagreement shall be final and binding on the parties.			
1.4	***Security Deposits and Bonds***			
	Security deposits and bonds will be paid as required by DMR under mining lease approval conditions.	Security Certificate No. 5034063002, Citigroup	Yes	July 2004 A Security deposit of $250,000 was lodged in June 2003 as part of the ML approval and the remaining $11,750,000 as specified in the Mine Lease approval, was lodged by BDW for Barrick in March 2004.
2.	**MINE MANAGEMENT**			
2.1	***Mine Management Plan, Operations and Methods***			
	The Applicant shall submit to and have accepted by the DMR, a Mining Operations Plan in accordance with current guidelines issued by DMR, prior to commencement of mining. The Plan covers mining operations for a period of up to seven years.	Cowal Gold Project 2005-2007 Mining Operations Plan, March 2005 • Letter from DMR re Mining Operations Plan – meets the Department's requirements, 18 Mar 2005 • Letter to DPI re Submission of two hard copies of Cowal Gold Project Mining Operations Plan, 22 March 2005	Yes	July 2004 An Initial Mining Operations Plan was prepared for the Cowal Gold Project in March 2004, as required by condition 25(9) of the Mining Lease No.1535 conditions. The Mining Operations Plan for the project will be prepared prior to commencement of mining. June 2005 The 2005-2007 Mining Operations Plan was submitted to DPI-Mineral Resources in March 2005 and approved. Two hard copies of the final Mining Operations Plan were submitted to DPI on 22 March 2005.
2.2	***Ore, Waste and Concentrate Production***			
	The Applicant shall not transport ore or other excavated materials not required for either construction or maintenance works from other mines or locations to the mine site without the written approval of the relevant councils.		Noted	July 2004 to December 2005 No ore or excavated materials from other mines or locations have been transported to the Cowal Gold Project site.
2.3	***Mine and Public safety***			
	The Applicant shall secure the mine site as described in section 2.10.5 of the EIS. The fence for the MLA boundary shall be designed to minimise the impact on water birds and aquatic species. (Refer also to condition 5.4(b) (ii)).		Yes	July 2004 A 1.3m wire strand fence has been erected around the Mining Lease Area in accordance with the design requirement.
3.	**LAND AND SITE ENVIRONMENTAL MANAGEMENT**			
3.1	***Appointment of Environmental Officer***			
	(i) The Applicant shall employ an Environmental Officer to exclusively work for the Cowal gold mine and no other mine, whose qualifications are acceptable to the DMR who shall report to the	• Letters to DMR, EPA, NPWS, DLWC, BSC and CEMCC re Appointment of Environmental	Yes	July 2004 DIPNR, DMR, EPA, NPWS, DLWC and BSC were notified on 16 July 2003 of Mr Blaxland's appointment to the position of Environmental Officer.

	Mine Manager. The Officer shall be employed throughout the life of the mine, and shall:	Officer 24 Nov 2003 • Letter from DMR Ref L03/0324 Acceptance of Environmental Officer, 27 Nov 2003		Mr Blaxland's qualifications were communicated to and agreed to by DMR. The duties and responsibilities outlined in the Job Description for the Environmental Officer address the requirements of MCoA 3.1
	(ii) The Applicant shall notify the Director-General, DMR, EPA, NPWS, DLWC, BSC and the CEMCC (refer condition 8.7) of the name and contact details of the Environmental Officer upon appointment and any changes to that appointment.	• Letters to DMR, EPA, NPWS, DLWC, BSC and CEMCC re Appointment of Environmental Officer 24 Nov 2003 • Letter from DMR Ref L03/0324 Acceptance of Environmental Officer, 27 Nov 2003	Noted	
3.2	***Environmental Management Plans***			
	The Applicant shall prepare the following environmental management plans:	Refer to the relevant conditions re documentation verification/comment.		<u>July 2004</u> Environmental management plans were prepared and approved prior to being put on display at Bland Shire Council Library within 2 weeks of their approval by the relevant government authorities: • Heritage Management Plan • Indigenous Archaeology & Cultural Management Plan • Fauna Management Plan • Erosion and Sediment Control Management Plan • Soil Stripping Management Plan • Landscape Management Plan • Bushfire Management Plan • Land Management Plan • Compensatory Wetland Management Plan • Site Water Management Plan • Hazardous Waste and Chemical Management Plan • Dust Management Plan • Noise Management Plan • Blast Management Plan • Traffic Noise Management Plan
	• Archaeology and cultural management plan (refer condition 3.3)		Yes	
	• Fauna management plan (refer condition 3.4)		Yes	
	• Erosion and sediment control plan (refer condition 3.5(a))		Yes	
	• Soil stripping management plan (refer condition 3.5(b))		Yes	
	• Landscape management plan (refer condition 3.8)		Yes	
	• Bushfire management plan (refer condition 3.9)		Yes	
	• Land management plan (refer condition 3.11(i))		Yes	
	• Compensatory wetland management plan (condition 3.11(v))		Yes	
	• Site water management plan (refer condition 4.1)		Yes	
	• Cyanide management plan (refer condition 5.3(b))		N/A	
	• Hazardous waste and chemical management plan (refer condition 5.8)		Yes	
	• Dust management plan (refer condition 6.1)		Yes	
	• Blast management plan (refer condition 6.3)		Yes	
	• Noise management plan (refer condition 6.4(b))		Yes	

	• Traffic Noise Management Plan (refer condition 6.4(c))		Yes	June 2006 The Cyanide Management Plan was prepared and approved by the Director-General in January 2006 prior to being put on display at Bland Shire Council Library.
	The management plans are to be revised/updated at least every five years, or as otherwise directed by the Director-General, in consultation with the relevant government authorities. They will reflect changing environmental requirements or changes in technology/operational practices. Changes shall be made and approved in the same manner as the initial environmental management plan. The plans shall also be made publicly available at BSC within two weeks of approval of the relevant government authority.	• Letter to DIPNR re amendments to Erosion and Sediment Control Plans and Soil Management Plan, 21 Dec 2004	Noted	
3.3	***Heritage Assessment and Management***			
	(a) The Applicant shall prior to commencement of construction works: (i) prepare a Heritage Management Plan (HMP) to address non-indigenous cultural heritage issues. The HMP shall be prepared in consultation with Bland District Historical Society, BSC, and Lake landholders/residents, and to the satisfaction of the Director-General;	Heritage Management Plan Sept 2003 • Letter from BSC re European Heritage Management Plan, 5 Sep 2003 • Letter from DIPNR re Indigenous Archaeology and Cultural Heritage Management Plan, 11 Nov 2003	Yes	July 2004 The Heritage Management Plan was prepared by Barrick and approved by the Director General on 25 September 2003. The Plan was placed on display at Bland Shire Council Library on 1 October 2003.
	(ii) prepare an Indigenous Archaeology and Cultural Management Plan (IACMP) to identify future salvage, excavation and monitoring of any archaeological sites within the DA area prior to and during development, and to address Aboriginal cultural heritage issues. The IACMP shall be prepared in consultation with NPWS, the Local Aboriginal Land Council, a consultant archaeologist, any other stakeholders identified by NPWS, and to the satisfaction of the Director-General; and	Indigenous Archaeology and Cultural Management Plan, Oct 2003 • Letter from DIPNR re Indigenous Archaeology and Cultural Heritage Management Plan, 11 Nov 2003	Yes	July 2004 The Indigenous Archaeology and Cultural Management Plan was prepared in consultation with the NPWS, Wiradjuri-Condobolin Cultural Heritage Company, and Colin Pardoe (consultant archaeologist) and approved by the Director General on 11 November 2003. The Plan was placed on display at Bland Shire Council Library on 20 November 2003.
	(iii)retain a Cultural Heritage Officer approved by the West Wyalong Local Aboriginal Land Council who is to be available on site during construction earthworks; and The Applicant shall, prior to the commencement of construction works in a particular part of the DA area, submit to and have approved by the Director-General of NPWS, a Consent to Destroy application under Section 90 of the National Parks and Wildlife Act 1974 in relation to that particular part of the DA area for Aboriginal	• Letter from Barrick – Letter of Appointment – Professional Services from Wiradjuri Condobolin Corporation, 6 Nov 2003	Yes	July 2004 Barrick entered an agreement with the Wiradjuri Condobolin Corporation for the provision of cultural heritage officer(s) during construction earthworks. The agreement has been approved by the West Wyalong Aboriginal Land Council. Dr Colin Pardoe, Consultant Archaeologist has also been appointed by Barrick to oversee all archaeological surveys and works.

3.3	archaeological sites that have been identified to be damaged or destroyed a s a result of the development prior to consent and/or by the IACMP. (iv) submit to and have approved by the Director-General of NPWS, a Consent to Destroy application under section 90 of the National Parks and Wildlife Act 1974 for Aboriginal archaeological sites that have been identified to be damaged or destroyed as a result of the development prior to consent and/or by the IACMP. **Modification 4 August 2004** Condition 3.3(a)(iv) to be deleted.		Yes	July 2004 ***Section 87 Permit 1361*** applied to Lot 23 and 24 and Game Reserve – authorised archaeological works, but not destruction of aboriginal objects. ***Section 87 Permit 1468*** applies to the whole mining lease area, plus the water pipeline route and borefield – authorises archaeological works but not destruction of aboriginal objects. ***Section 90 Consent 1467*** applies to the whole mining lease area, plus the water pipeline route and borefield – authorises destruction of Aboriginal objects after the archaeological works required by Permit 1468 have been carried out and certified. ***Section 87 Permit 1681*** applies to the relocated TSR and access road upgrade – authorises archaeological works but not the destruction of Aboriginal objects. ***Section 90 Consent 1680*** applies to the relocated TSR and access road upgrade – authorises destruction of Aboriginal objects, after the archaeological works required by Permit 1681 have been carried out and certified. June 2005 June 2006 No further s90 Consents to Destroy under the National Parks and Wildlife Act have been required for the site activity areas. Surveys of areas proposed for surface disturbance are conducted by Dr Pardoe and local Aboriginal representatives prior to any disturbance.

3.4	***Flora and Fauna Assessment and Management***			
	(a) The Applicant shall prior to commencement of construction prepare a fauna management plan to cover the mining lease area and monitoring of bird breeding areas as identified by the Applicant in consultation with NPWS. The plan shall be prepared in consultation with NPWS, NSW Fisheries and EPA, and be to the satisfaction of the Director-General. The plan shall include, but not be limited to:	Flora and Fauna Management Plan, Oct 2003 • Letter from NPWS re Draft Flora and Fauna Management Plan, 10 Oct 2003 • Letter from DMR Ref L03/0324 re Draft Flora and Fauna Management Plan 14 Oct 2003 • Letter from EPA re Draft Flora and Fauna Management Plan 21 Oct 2003 • Letter from NSW Fisheries re Flora and Fauna Management Plan, 22 Oct 2003 • Letter from NPWS re Access Road Upgrade Implementation of the Threatened Species Management Protocol, 5 Nov 2003 • Letter from DIPNR and BSC re Flora and Fauna Management Plan, 13 Nov 2003	Yes	July 2004 The Flora and Fauna Management Plan was prepared by Barrick and approved by the Director General on 30 October 2003. The Plan was placed on display at Bland Shire Council Library on 13 November 2003.
	(i) methods for monitoring daily and seasonal fauna usage of tailings dams (eg. species, number, location, habits), and whether deaths or other effects or incidents are occurring. Usage of the tailings dams shall be reported to the EPA and NPWS on a six monthly basis, unless otherwise directed by the Director-General;	Flora and Fauna Management Plan Section 4	N/A	July 2004 Methods will be implemented when the tailings storage facilities are constructed and tailings placement is commenced. December 2005 Tailing placement will occur in 1st quarter 2006. June 2006 Monitoring of the tailings storage facilities has been implemented twice a day following placement of tailings in the STSF in May 2006 by process plant staff plus informal inspections by the by Environment staff. No deaths were recorded from fauna use of the tailings storage facilities.

	(ii) development of a protocol for the reporting of any deaths or other incidents involving native fauna on the mining lease to the DMR, EPA, and NPWS, and in the case of fish, NSW Fisheries, within 24 hours (or next working day), and to the CEMCC (refer condition 8.7) as soon as practicable. The Applicant shall maintain a record of any wildlife deaths or other incidents and this record shall be provided in the AEMR (refer condition 9.2);	Flora and Fauna Management Plan Section 6.1 and 6.2 Recent Letters to DEC/DMR/NPWS re fauna deaths: Black Winged Stilt found dead at the NTSF, 24 Feb 2006; Tawny Frogmouth found dead in Belah Woodland, 1 Mar 2006; Tawny Frogmouth found dead on mining hardstand car park, 2 Mar 2006; Tortoise run over by excavator during mining operations, 6 April 2006; Galah feathers found below the electricity transmission line, 7 April 2006; Topnot Pigeon found dead in geology core shed, 4 June 2006	Yes	July 2004 No native fauna deaths were reported to have occurred on the ML as a result of project activities to the time of this audit. January 2005 Fauna Incident Notifications were provided to DEC on four occasions between July 2004 and January 2005. June 2005 Three Fauna Incident Notifications were submitted to DEC between January and June 2005. December 2005 Seventeen Fauna Incident Notifications were submitted between July and 28 December 2005 related to sixteen deaths on the mining lease and one injured Galah on the TSR. June 2006 Ten Fauna Incident Notifications were submitted between January and June 2006 related to deaths on the mining lease.
	(iii) provision for fauna autopsy facilities to enable the cause of any deaths to be quickly determined. The protocol required in sub clause (ii) above shall also detail collection and autopsy of fauna. This shall include but not be limited to collection and recording procedures, autopsy procedures and laboratory tests.	Flora and Fauna Management Plan Section 6.3 • West Wyalong Veterinary Clinic Reports	Yes	January 2005 Subject fauna are transported to West Wyalong Veterinary Clinic for examination. An autopsy report has been prepared for each specimen submitted to the Clinic. June 2005 Three fauna reports have been prepared by the West Wyalong Veterinary Clinic during the period January to June 2005. December 2005 Autopsy reports prepared by the West Wyalong Veterinary Clinic were sighted for the July to December 2005 period. June 2006 Autopsy reports prepared by the West Wyalong Veterinary Clinic were sighted for the January to June 2006 period.
	(iv) provision of contingency measures for reducing cyanide levels in the tailings dams in the event it is established that fauna deaths are occurring from cyanide in tailings dam water (refer also condition 5.3(c));	Flora and Fauna Management Plan Section 8	Noted	

	(v) development of effective mechanisms to keep fauna and avifauna away from the tailings storages, which shall include, but not be limited to: - minimising area of open water in the tailings dams; - fencing to prevent both medium and large fauna, terrestrial and amphibians, from entering the area. Mesh will have holes no greater than 5cm in diameter; - making the area non conducive to the establishment of wildlife habitats, as far as possible; - use of netting where practical; and - use of current best practice for avifauna deterrence;	• Report on the Interaction of Fauna with the Tailings Storage Facilities - Cowal Gold Project, Donato Environmental Services, June 2004. • Flora and Fauna Management Plan Section 3 • Implementation Plan to Protect Fauna from Interactions with the Tailings Storage Facilities, February 2005 • Letter to DEC re Implementation Plan to Protect Fauna from Interactions with the Tailings Storage Facilities, February 2005  Plate A: Acoustic device at STSF to deter birds from settling on the pond (June 2006).	N/A	July 2004 Preliminary report on the implementation of the program to keep fauna away from the tailings dam and record fauna usage of the tailings dams through observation and monitoring. January 2005 The Report on Interaction of Fauna with the Tailings Storage Facilities was accepted by the DEC. Barrick are preparing an Implementation Plan for the practices, monitoring and actions identified in the report. June 2005 The Implementation Plan to Protect Fauna from Interactions with the Tailings Storage Facilities was submitted to the DEC as required by February 2005 and was approved by DEC. December 2005 Poles have been placed in the area of the decant pond in the Northern Tailings Storage Facility for placement of netting over the area that will have surface water to deter birds from settling. This will be implemented when decant water is present in the TSF. June 2006 Bird deterrent devices had been installed at the STSF with radar activated audio units on two sides of the storage facility, sonic gas guns and other passive devices erected to scare away birds approaching or landing on the tailings waters. The fauna proof fence has also been erected around the tailings storage facilities.
	(vi) development of plans for the rescue and rehabilitation of wildlife that may become bogged/sick/trapped in the tailings dams or elsewhere within the mining lease area;	Flora and Fauna Management Plan Section 5	Noted	June 2006 This condition has not required to be activated prior to June 2006.

	(vii) methods to conserve and enhance wildlife values around Lake Cowal, within the mine lease area, including protection and enhancement of existing retained habitats;	Flora and Fauna Management Plan Section 9  Plate B: Tree stock planted along the northern boundary.	Yes	July 2004 Some vegetation enhancement has been carried out outside of the ML but no action has yet been implemented within the lease area. No rocks and/or logs have been dispersed within Remnant Vegetation Enhancement Program (RVEP) areas to date, but hollows and logs have been stockpiled from the initial cleared sites for use. January 2005 12,000 trees have been planted within the ML boundary. Some cleared trees have been placed on the northern side of the ML as part of the habitat enhancement. Some have also been placed within the compensatory wetland area. June 2005 Follow-up assessment of the trees planted within the boundary is planned in August to determine survival and growth following the drought conditions between February and June 2005. Further planting or replacement will be determined for the spring season following the assessment. December 2005 17,000 trees have now been planted within the ML boundary. Approximately a 70% survival rate has now been achieved with supplementary planting planned to raise this percentage. June 2006 The tree stock planted around the ML boundary is showing reasonable growth considering the dry weather conditions.
	(viii) provision to continue fauna and flora, fish, and aquatic invertebrate monitoring of the Lake Cowal region as documented in the EIS and SIS including investigation of fauna deaths off the Mine Site if requested by the Director-General where it is considered the deaths are attributable to activities on the Mine Site;	Surface, Groundwater, Meteorological and Biological Monitoring Program	Noted	

	(ix) details to relocate any threatened species and/or its habitat away from disturbed areas that are created by mine operations. This will include placement and maintenance of suitable types and numbers of artificial roosting boxes for bats such as the Greater Long-eared Bat and other animals (eg birds/possums) in undisturbed areas of the mine site;	Flora and Fauna Management Plan Section 10	Yes	December 2005 A number of Grey-crowned Babblers were observed on site. This is a threatened species under the NSW *Threatened Species Conservation Act*. In accordance with the Threatened Species Management Protocol (TSMP) the Threatened Species Management Strategy (TSMS) phase of the TSMP was initiated. June 2006 No relocation of threatened species due to vegetation clearance or disturbance was required during the January to June 2006 period.
	(x) details of monitoring the mine's impacts particularly on birdlife in bird breeding areas identified by the Applicant in consultation with NPWS, threatened fauna and flora, and fish and aquatic invertebrates around Lake Cowal, and outline contingency measures should impacts be identified as occurring.	Flora and Fauna Management Plan Section 11	Yes	December 2005 Monitoring of bird breeding areas has been conducted around the mine site. No monitoring of fish or aquatic invertebrates in Lake Cowal has occurred because of lack of water in the lake. June 2006 Monitoring of bird breeding areas has been conducted around the mine site. No water was present in Lake Cowal during the January to June 2006 period so no monitoring of fish or aquatic invertebrates has been conducted.
	(b) The Applicant shall also implement a Threatened Species Management Protocol as outlined in Appendix 9 of the Department of Urban Affairs and Planning's primary submission to the Commission of Inquiry, which will include provisions for targeted searches prior to construction and proposed mitigation measures where threatened flora or fauna species are found.	Threatened Species Management Protocol Appendix A Flora and Fauna Management Plan October 2003 • Letter from NPWS re Draft Threatened Species Management Protocol, 17 Oct 2003 • Letter from DIPNR re Protocol, 30 Oct 2003	Yes	July 2004 A Threatened Species Management Protocol was prepared by Barrick and approved by the Director General on 30 October 2003. During the implementation of the Vegetation Clearance Protocol, 24/25 June 2004, a number of Grey-crowned Babblers were observed on site. This is a threatened species under the NSW *Threatened Species Conservation Act*. In accordance with the Threatened Species Management Protocol (TSMP) the Threatened Species Management Strategy (TSMS) phase of the TSMP was initiated.
3.5	***Prevention of Soil Erosion***			
	The Applicant shall prepare prior to commencement of construction works, in consultation with DLWC and EPA and to the satisfaction of the Director-General:			

	(a) an erosion and sediment control management plan for the DA area which meets the requirements of EPA and DLWC. The plan shall include, but not be limited to:	Erosion and Sediment Control Management Plan Sep 2003 • Letter from EPA re Draft Erosion and Sediment Control Management Plan 25 Sep 2003 • Letter from DMR re Draft Erosion and Sediment Control Management Plan 14 Sep 2003 • Letter from DMR re Draft Erosion and Sediment Control Management Plan 1 Oct 2003 • Letter from BSC re Draft Erosion and Sediment Control Management Plan, 1 Oct 2003 • Letter from EPA re Erosion and Sediment Control Management Plan, 20 Apr 2004 • Letter from DMR re Draft Erosion and Sediment Control Management Plan 29 April 2004 • Letter from EPA re Draft Erosion and Sediment Control Management Plan 14 May 2004 • Letter from EPA re Draft Erosion and Sediment Control Management Plan 10 June 2004 • Letter from DMR Ref L03/0324 re Draft Erosion and Sediment Control Management Plan 18 June 2004 • Letter from EPA re Draft Erosion and Sediment Control Management Plan 23 June 2004 • Letter to DEC re Amendments to Erosion and Sediment Control Plan and Site Water Management Plan, 28 Oct 2004 • Letter from DEC re Amendments, 1 Dec 2004 • Letter to DIPNR re Amendments to SWMP & ESCMP, 10 Dec 20042002004 •	Yes	The Erosion and Sediment Control Management Plan for the DA area was prepared by Barrick and approved by the Director General on 1 October 2003. Specific Erosion and Sediment Control Management Plans are prepared for each stage of the construction works and submitted to EPA and DLWC for approval prior to commencement of that stage of the works. Erosion and sediment control plans have been prepared and approved for the following areas: • Travelling Stock Reserve Road Construction, Gilbert & Associates, 18 December 2003 • Water Supply Pipeline, 20 April 2004 • Preliminary Earthworks for Mine Development Works (Isolation Bunds, Northern Tailings Storage Facility, Soil Stockpiles, External Drainage System, Internal Drainage, Mine Access Road, Tailings Service Corridor), URS, 23 April 2004 • Pit Dewatering Works (Dewatering Bores for Open Pit), URS, 23 April 2004 • Contained Water Storage Facilities, URS 10 June 2004 • Process Plant Area grubbing and topsoil removal Stage 1 approved for commencement of works.

	(i) details of temporary and permanent sediment and erosion control systems to be used during both mine construction and operation, including for earthworks associated with landscaping; (ii) details of salinity management; and (iii) a program for reporting on the effectiveness of the sediment and erosion control systems and performance against objectives contained in the approved erosion and sediment control management plan, and EIS;	Erosion ands Sediment Control Management Plan Sections 3, 4 & 5 Erosion ands Sediment Control Management Plan Section 6 Erosion ands Sediment Control Management Plan Section 11	Yes	July 2004 The silt curtain around the construction area for the temporary isolation bund has been installed in accordance with the Erosion and Sediment Control Plan. The installation of a boom on the lake side of the temporary isolation bund has not been installed as there is no water in Lake Cowal at the time of the audit. Regular inspections of the mining lease boundary fences and sediment controls are conducted by Security personnel.
	(b) a soil stripping management plan for the DA area to the requirements of DMR and DLWC which shall include, but not be limited to:	Soil Stripping Management Plan Aug 2003 Erosion ands Sediment Control Management Plan Section 7.1 • Letter from DMR re Draft Soil Stripping Management Plan 25 July 2003 • Letter from EPA re Draft Soil Stripping Management Plan 28 July 2003 • Letter from BSC re Draft Soil Stripping Management Plan, 6 Aug 2003	Yes	July 2004 The Soil Stripping Management Plan for the DA area was prepared by Barrick and approved by the Director General on 1 August 2003. The Plan was placed on display at Bland Shire Council Library on 6 August 2003.
	(i) details of the management of soil stockpiles, soil stripping techniques and scheduling; and	Erosion ands Sediment Control Management Plan Section 7 Erosion ands Sediment Control Management Plan Section 11 CGP Mining Operations Plan 2005-2007Initial Mining Operations Plan – Cowal Gold Project, March 2004	Yes	July 2004 The required topsoil stockpile database is being established and will become operational when permanent stockpiles are established. To date there have been only temporary stockpiles required as the stripped material is being used in construction of the Temporary Isolation Bund. Infill testing of site soils is being carried out and recorded by URS who are managing initial earthwork activities with overview by Barrick personnel.

	(ii) a program for reporting on the effectiveness of the soil stripping methods and performance against objectives contained in the soil stripping management plan, and EIS.	Infill Sampling and Results CGP Environment File June 2005 2005 Annual Environment Management Report, submitted 23 March 2006	Yes	December 2005 The topsoil stockpile database is updated as new mining stockpile information is obtained. The segregation of topsoil and infill material onto stockpiles continues. The material on these stockpiles is being managed in accordance with the Soil Stripping Management Plan and rehabilitation strategies. June 2006 The topsoil stockpile database is up to date with a soil stockpile location map developed for the site and reported in the 2005 AEMR. The stockpiles are being managed in accordance with the Soil Stripping Management Plan.
3.6	***Site Rehabilitation Management***			
	The Applicant shall carry out rehabilitation of all mine areas in accordance with the requirements of the Mining Operations Plan of the DMR (refer condition 2.1), and EIS, particularly Section 5.	EIS Section 5 Initial Mining Operations Plan, March 2004 Mining Operations Plan 2005-2007 Section 4, March 2005	Noted	June 2005 The Mining Operations Plan for 2005 to 2007 was submitted to DPI in March 2005. December 2005 Rehabilitation of areas disturbed during construction has occurred where no further disturbance is planned. June 2006 Rehabilitation of areas along the perimeter waste emplacement and tailings storage facilities has commenced with contouring and topsoil placement completed on some areas and some seeding occurred in the 2nd quarter 2006 with further seeding planned for 3rd quarter 2006.
3.7	***Visual Amenity and Landscaping***			
	The Applicant shall prior to commencement of construction works prepare and submit for the approval of BSC a detailed landscape management plan prepared by a suitably qualified person. The plan shall include, but not be limited to:	Landscape Management Plan, Aug 2003 • Letter form DMR re Draft Landscape Management Plan 19 Aug 2003 • Letter from BSC re Draft Landscape Management Plan 26 Aug 2003 • Letter from BSC re Landscape Management Plan, 1 Sep 2003	Yes	July 2004 A landscape management plan was prepared and approved by DMR and BSC in August 2003. The Plan was placed on display at Bland Shire Council Library on 4 September 2003.
	(i) provision for the establishment of trees and shrubs on areas identified as necessary by BSC for the maintenance of satisfactory visual amenity from outside the mine site. Such	Landscape Management Plan Section 4	Yes	December 2005 Stage I earth mounds have been established and Stage II

	landscaping shall have regard for reducing impacts of night lighting on wildlife and nearby residences;			planting of vegetative screening has occurred with tube stock planted in accordance with the Landscape Management Plan. The planted stock is being monitored to ensure that the survival rates meet the requirements of the Plan. June 2006 The tree stock planted around the mine lease boundary have survived and have developed mature leaves signalling establishment of the stock. The trees are approximately 2 years old and will present a visual barrier to the mine development when they reach >3m height.
	(ii) details of the visual appearance of all buildings, structures, facilities or works (including paint colours and specifications). Buildings and structures shall be designed and constructed so as to blend as far as possible with the surrounding landscape; and	Landscape Management Plan Section 5	Yes	December 2005 The buildings under construction at the process plant area and the permanent offices have been painted 'sand/straw' colour in accordance with the specifications in the Plan. June 2006 All the structures in place have been painted and 'blend' into the natural colour of the landscape.
	(iii) details, specifications and staged work programs to be undertaken, maintenance of all landscape works and maintenance of building materials and cladding.	Landscape Management Plan Section 5	Noted	
3.8	***Bushfire and other Fire Controls***			
	The Applicant shall: (a) prior to commencement of construction works prepare and submit for the approval of BSC, a bushfire management plan as outlined in section 6.4.4 of the EIS; and	Bushfire Management Plan, Aug 2003 • Letter from DMR Ref L03/0324 re Draft Bushfire Management Plan 28 July 2003 • Letter from BSC re Draft Bushfire Management Plan, 5 Aug 2003	Yes	July 2004 A Bushfire Management Plan was prepared and the plan approved by DMR and BSC on 24 July 2003. The Plan placed on display at Bland Shire Council Library on 5 August 2003.
	(b) provide adequate fire protection works on-site. This shall include one (1) emergency fire fighting unit on site. (Refer also condition 5.4(a)(i)).	 Plate C: Two Emergency fire fighting units at CGP administration area	Yes	July 2004 There are two emergency fire tenders of approximately 1000 L each on site located at the temporary administration area. Two staff personnel are members of local Rural Fire Service and are trained. Other employees in the fire response unit will be trained as time and the increasing workforce allow. The Emergency Services Co-operation Agreement is not yet in place. The Fire Trail register has been set up and is on the

		July 2004  Plate D: CGP Fire Tender January 2005 • Memorandum of Understanding – Barrick and NSW Fire Service 2005 • Letter from DoP re Approval of Operations Emergency Plan, 14 December 2005.		computer network. January 2005 A Category 7 fire tender has been commissioned and is on site. The Emergency Response Team has received training by the Rural Fire Service in fire fighting techniques. June 2005 A Memorandum of Understanding has been prepared between the NSW Rural Fire Service and Barrick. The Operations Emergency Plan is in draft form following the conduct of a risk assessment. The Operations Emergency Plan is to be prepared for submission in 3rd quarter 2005. June 2006 The Operations Emergency Plan was approved by DoP in December 2005. The Memorandum of Understanding has been submitted to NSW Rural Fire Service and is awaiting signature by the Service.
3.9	***Other Land Covenants and Agreements***			
	(a) Relocation of Game Reserve The Applicant shall prior to the commencement of construction works relocate the existing game reserve in consultation with BSC, DLWC, NPWS, NSW Fisheries, and lake residents and users as identified by BSC. Where public access arrangements are to be provided they shall be completed no later than the time of the reserve's relocation, to the requirements of BSC and DLWC. The total size of the new reserve(s) shall be no smaller than the existing reserve.		Yes Complete	July 2004 Barrick has relocated a reserve external to the mining lease for "public access" and "environmental protection" on 7 November 2003. The reserve maintains public access to the lake and has an area of 123.4ha. The "Game Reserve" status of the Crown land within ML 1535 was revoked on 19 December 2003.

	(b) Relocation of Travelling Stock Route The Applicant shall, prior to the commencement of construction works on the Travelling Stock Route (TSR), relocate the TSR in accordance with the EIS and the requirements of BSC, Department of Infrastructure, Planning and Natural Resources (DIPNR) and the Condobolin Rural Lands Protection Board, and should include appropriate fencing and stock watering facilities.	Letter from BDW re TSR 7 April 2004 Part 3A Permit No. 703A01055 under the Rivers and Foreshores Improvement Act 1948  Plate E – new TSR alignment established in 2004	Yes Complete	July 2004 Barrick obtained the requirements of BSC, DIPNR and the Condobolin Rural Lands Protection Board for the relocation of the TSR. The new road and TSR works were completed in the 1st quarter 2004, and Barrick transferred the land for the new TSR to the Crown as Lot 100 DP 1059150. This satisfies the requirement of condition 3.9(b) and closes the issue of dedication of the land for the TSR to the Crown, as reported in the Pre-Construction Compliance Report 22 December 2003.
	(c) The Applicant is to ensure that all applications for road closures are finalised prior to the commencement of construction works on the land comprising the existing public roads which are to be closed. This will include the relocation of the public roads in use prior to commencement of construction works on the land comprising the existing public roads which are to be closed.	• Letter to BSC from Barrick re Closure of Council Roads, undated. • Orange Office - Notification of Closing of a Road, NSW Government Gazette, 16 April 2004	Yes Complete	July 2004 Barrick requested BSC to proceed with the lodgement of road closure application with the Department of Lands for the closure of Road 1 (a public road within TSR17085 parallel to the western shore of Lake Cowal) and Road 2 (an unformed public road adjacent to the northern boundary of Portion 44. The road closures were gazetted in April 2004.
3.10	***Land Management***			
	The Applicant shall: (A) (i) prior to commencement of construction works prepare a Land Management Plan for all its land holdings to provide for proper land management in consultation with DLWC, NSW Agriculture, and BSC, and to the satisfaction of the Director-General . The plan shall be consistent with the fauna management plan (condition 3.4) and shall include, but not be limited to: (a) pastures and remnant vegetation management; (b) control of vermin and noxious weeds as required by the Rural Lands Protection Authority, the Prickly Pear Authority and other relevant authorities; (c) integration of the latest versions of the Jemalong Land and Water Management Plan and the Lake Cowal Land and Water	Land Management Plan Oct 2003 • Letter from DMR re Draft Land Management Plan 10 Oct/03 • Letter from BSC re Draft Land Management Plan, 24 Oct/03 • Letter from NSW Agriculture re Weed Management Plan, 17 Oct 2003 Land Management Plan Sections 4 and 5 Land Management Plan Sections 6 and 7 Land Management Plan 2003	Yes	July 2004 A Land Management Plan was prepared by Barrick, approved by the Director General in October 2003 and placed on display at Bland Shire Council on 5 November 2003.

	Management Plan; and (d) feral animal control.	Land management Plan 2003 Section 7		
	(ii) prior to commencement of construction works prepare a Compensatory Wetland Management Plan in consultation with NPWS, NSW Fisheries, DLWC, Lake Cowal Landowners Association, and Lake Cowal Environmental Trust, and to the satisfaction of the Director-General . The plan shall detail compensation measures for the loss of 120 hectares of wetland, through the enhancement of at least the equivalent area of existing wetland within the mine lease area during operation and following closure of the mine. The plan shall include, but not be limited to: (a) a definition of wetland which shall be all land up to the high water mark of Lake Cowal recognising that river red gum habitat is below high water mark; (b) measures to manage the enhanced wetlands without adversely impacting adjoining private properties; and (c) measures to improve habitats for wildlife including waterbirds, fish, aquatic organisms etc, in the wetlands covered by the plan.	Compensatory Wetland Management Plan Oct 2003 • Letter from NPWS re Draft Compensatory Wetland Area Management Plan, 27 Aug 2003 • Letter from BSC re Compensatory Wetland Management Plan, 1 Oct 2003 Compensatory Wetland Management Plan Section 4 Compensatory Wetland Management Plan Section 7 Compensatory Wetland Management Plan Section 6	Yes	July 2004 A Compensatory Wetland Management Plan was submitted and approved by the Director General on 25 September 2003 and placed on display at Bland Shire Council on 1 October 2003.
	(B) minimise the removal of trees and other vegetation from the mine site and restrict any clearance to the areas occupied by the mine activity, buildings and paved surfaces, and those areas necessary for fire control in accordance with BSC's requirements, and have regard to the draft Mid-Lachlan Regional Vegetation Management Plan (or its final version);	Flora and Fauna Management Plan Section 9.7 Cowal Gold Project: Vegetation Clearance Protocol Reports, September 2005 Vegetation Clearance Protocol Report Southern Waste Emplacement, September 2005 Vegetation Clearance Protocol Report Northern Tailings Storage Facility, September 2005 Vegetation Clearance Protocol Report Access Road (Blow Clear Road), February 2006 Vegetation Clearance Protocol Report Project Access Upgrade (Wamboyne Road), February 2006	Yes	July 2004 A small number of trees have been removed for the initial stages of construction. January 2005 The Vegetation Clearance Protocol has been triggered and the Vegetation Clearance Procedure has been instigated in the Temporary and Permanent Isolation Bunds, Northern Tailings Dam, Internal Access Road and Plant Site areas. December 2005 The Vegetation Clearance Protocol has been triggered and the Vegetation Clearance Procedure has been instigated in 26 areas of the project. Detailed reports on each of these areas are contained in, *Cowal Gold Project: Vegetation Clearance Protocol Reports*, Barrick Australia, September 2005. June 2006 The Vegetation Clearance Protocol has been triggered for a further 4 areas (access road – Blow Clear Road; access upgrade – Wamboyne Road; northern and southern waste emplacement and northern tailings storage facility).

	(C) not locate topsoil stockpiles within any area of Wilga Woodland in the DA area as identified in figure 3-13 of the EIS;		Noted	
	(D) not disturb any area of Belah Woodland in the DA area as identified in figure 3-13 of the EIS.		Noted	
	(E) develop a strategy for the long term land use of the DA area on decommissioning of the mine site. The strategy shall include, but not be limited to: appropriate land uses within the DA area, which may include areas for conservation, agriculture or recreation, long term management of the area, environmental impacts of any uses and maintenance of necessary drainage characteristics and other features provided on the site. The strategy for long term land use of the DA area shall be submitted by Year 7 of mining operations or five years before mine closure, whichever is the sooner, in consultation with DLWC, EPA, NPWS, BSC, CEMCC, and to the satisfaction of the Director-General.	Land Management Plan Section 9.2 Land Management Section 9	Noted N/A	
4.	**WATER MANAGEMENT**			
4.1 /4.2	***Surface Water Management & Ground Water Management***			
	The Applicant shall: (a) prior to the commencement of construction works shall prepare a site water management plan in consultation with DLWC and EPA, and to the satisfaction of the Director-General, which shall include, but not be limited to, the following matters:	Site Water Management Plan Oct 2003 • Letter from DMR re Draft Site Water Management Plan 24 Sep 2003 • Letter from EPA re Draft Site Water Management Plan 27 Sep 2003 • Letter from DIPNR re Site Water Management Plan 30 October 2003 • Letter from BSC re Site Water Management Plan, 4 Nov 2003	Yes	July 2004 A Site Water Management Plan was prepared, approved by the Director General in October 2003 and placed on display at Bland Shire Council on 4 November 2003.

	(i) management of the quality and quantity of surface and ground water within and around the mine site, including water in the up catchment diversion system, internal catchment drainage system, dewatering bores, Bland Creek Palaeochannel borefield and water supply pipeline from the borefield, which shall include preparation of monitoring programs as provided by condition 8.2.;	Site Water Management Plan Section 4 Surface, Groundwater, Meteorological and Biological Monitoring Program 2005 Annual Environment Management Report, submitted 23 March 2006	Yes	July 2004 Construction of the Up-Catchment Diversion System was about to commence at the time of the audit. The water supply pipeline had been laid across Lake Cowal and the pipeline from the eastern edge of the lake to the borefield was being constructed. The production bores in the Bland Creek Palaeochannel had been established and registered with DLWC. January 2005 The internal drainage system, Up-Catchment Diversion System, and settlement ponds have been constructed in accordance with the Site Water Management Plan. June 2006 The quality and quantity of surface and groundwater in and around the mine has been monitored in accordance with the Surface, Groundwater, Meteorological and Biological Monitoring Program and the results reported in the 2005 AEMR.
	(ii) measures to prevent the quality of water in Lake Cowal or any surface waters being degraded below the relevant ANZECC water quality classification prior to construction due to the construction and/ or operation of the mine;	Site Water Management Plan Section 5	Yes	June 2006 No water had been present in Lake Cowal during the construction phase of the project.
	(iii) identification of any possible adverse effects on water supply sources of surrounding land holders, and land holders near the Bland Creek Palaeochannel Borefield as a result of the mining operations, and implementation of mitigation measures as necessary;	Site Water Management Plan Section 6	Yes	December 2005 to June 2006 Monitoring of groundwater bores around Lake Cowal and in the vicinity of the Borefield has been conducted to provide background and ongoing groundwater monitoring data.
	(iv) identification of changes in flood regime on productive agricultural land in Nerang Cowal as a result of the mine perimeter bund intruding into Lake Cowal, and provision of appropriate compensation measures for affected landholders based on inundation of productive land caused by the changed flood regime;	Site Water Management plan Section 7	Yes	June 2006 No water had entered Lake Cowal during the construction phase of the project, so no changes to the flood regime had occurred.
	(v) construction and operation of water storages D1 and D4 as first flush systems with initial captured run-off waters from the outer batters of northern and southern emplacement dumps reporting to water storage D6;	Preliminary Earthworks for Mine Development Works (Isolation Bunds, Northern Tailings Storage Facility, Tailings Service Corridor), URS, 23 April 2004 Contained Water Storage Facilities, URS 10 June 2004	Yes	July 2004 Construction of the D1 and D4 water storages had commenced during the site inspection associated with this audit. January 2005 Construction of the D1, D4 and D6 water storages has

				been completed.
	(vi) measures to manage and dispose of water that may be captured behind the temporary perimeter bund during construction of that bund;	Site Water Management Plan Section 9	Yes	July 2004 Construction of the D1 and D4 water storages had commenced during the site inspection associated with this audit, but no water had been collected due to the dry season and lack of rain. January 2005 Construction of the D1 and D4 water storages was complete, but no water had been collected due to lack of rain. December 2005 A small volume of shallow water was present in the temporary perimeter bund from recent rainfall. Rapid evaporation of the water was occurring at the time of the site inspection.
	(vii) integration of the latest versions of the Jemalong Land and Water Management Plan and the Lake Cowal Land and Water Management Plan;	Site Water Management Plan Section 10	Yes	The Site Water Management Plan has considered the requirements of the Jemalong Land and Water Management Plan and the Lake Cowal Land and Water Management Plan in Section 10 of the project plan.
	(viii) measures to continue baseline monitoring undertaken prior to development consent;	Surface, Groundwater, Meteorological and Biological Monitoring Program, Section 4.2 and 5.2	Yes	July 2004 Monitoring of groundwater, dust and meteorological conditions is being conducted to provide baseline data. Surface water monitoring of Lake Cowal will be implemented when the lake receives water inflow.

	(ix) a program for reporting on the effectiveness of the water management systems and performance against objectives contained in the approved site water management plan, and EIS.	Site Water Management Plan Section 12	Yes	June 2005 Water collected in the water retention ponds during June 2005 will be monitored during the 3rd quarter. December 2005 The water in the retention ponds was assessed and sampled in August 2005 following rainfall in June and again in November 2005 in accordance with the Site Water Management Plan. June 2006 A production dewatering borefield has been established external to the perimeter of the open cut pit and 159.5 megalitres (ML) were extracted between January and December 2005. This water was stored in the NTSF. A detailed water budget for the processing phase of the project has been developed and is being reviewed and revised as the process plant has commenced commissioning.
	(b) develop a strategy for the decommissioning of water management structures, including water storages both in and around the mine site, the water pipeline from the Bland Creek Palaeochannel borefield (refer condition 4.4), and long term management of final void and Lake protection bund. The strategy shall include, but not be limited to, long term monitoring of the water quality in the final void and stability of Lake protection bund and void walls, and options for alternate uses of the water pipeline. The strategy for the final void shall be submitted by Year 7 of mining operations or five years before mine closure, whichever is the sooner, in consultation with DLWC, EPA, DMR, and CEMCC, and to the satisfaction of the Director-General.	Site Water Management Plan Section 11	Noted N/A	
	(c)(i) construct the Lake protection bund and site water and tailings storages to the requirements of DLWC, EPA and DSC; (ii) provide a geotechnical report on pit/void wall construction/stability to DMR prior to commencement of mining operations and construct pit/void in accordance with the requirements of DMR.	Site Water Management Plan Section 4.1 Letter to DPI Geotechnical Report on Pit/Void Wall Construction/ Stability, 16 March 2005 Lake Protection Bund Operation and Maintenance Manual, June 2005	Yes Yes	December 2005 The geotechnical report on the pit/void wall construction/stability was prepared and submitted to DPI in March 2005 and the Lake Protection Bund Operation and Maintenance Manual was produced by URS in June 2005.
4.3	***Catchment Areas and Watercourses***			
	The Applicant shall as a landowner have on-going regard for the provisions of the latest versions of the Jemalong Land and Water Management Plan, Lake Cowal Land and Water Management Plan,	Site Water Management Plan Section 10	Noted	

	Mid-Lachlan Regional Vegetation Management Plan, and any future catchment/land & water management plans that may become relevant to the area.			
4.4	***Water Supply -*** Bland Creek Palaeochannel water supply			
	(a) The maximum daily extraction of water from the Bland Creek Palaeochannel shall not exceed 15ML/day, and not exceed 3650ML/year. A total extraction of 30,000ML shall not be exceeded for the life of the mine, unless otherwise agreed by the Director-General, in consultation with DLWC. All bores from the Bland Creek Palaeochannel borefield used for mine purposes must be metered.	Bore Licence Certificates No. 70BL229248, 70BL229249, 70BL229250, and 70BL229251 (production bores)	Yes	July 2004 Barrick have Bore License Certificates under Section 115 of the Water Act 1912 for water supply from the Bland Creek Palaeochannel. December 2005 The water extraction is metered and recorded continuously, with the data collected daily and recorded by the CGP Process Engineer. June 2006 The water extraction from the Bland Creek Palaeochannel borefield for January to December 2005 was 1506.5 megalitres (ML). Extraction rate from the borefield did not exceed 15 ML/day over the January to June 2006 period.
	(b) The water pipeline from the Bland Creek Palaeochannel borefield to the mine site shall be: (i) constructed in accordance with the requirements of DLWC, and in consultation with NSW Fisheries; and (ii) laid in such a way so as not to impede the passage of fish or other animals, or interfere with flood behaviour or the passage of boats and vehicles.	Permit under Part 3A of the Rivers and Foreshores Improvement Act 1948 No. 703A010056.  Plate F: Pipeline construction across Lake Cowal July 2004	Yes	July 2004 The pipeline construction across lake Cowal has involved the burial of the pipe 1.5 metres below the surface and refilling of the trench with the original excavated material and compacted to the original ground level. The pipeline was being constructed similarly along the alignment to the east of the lake towards the production bores. January 2005 The pipeline trench had been backfilled and an access track along the route had been established to inspect the trench and pipeline and for access to the groundwater monitoring bores across the lake.

		 Plate G: Pipeline route following trench rehabilitation - January 2005		
	(c) The water supply shall be installed with an automatic shut down device so water pumping is immediately stopped in the event of any pipe rupture. The water supply shall not be restarted until the rupture is located and repaired.		Noted	
	(d) Leases or private agreements shall be completed with the relevant landholders for the land requirement for pipeline infrastructure prior to commencement of water pipeline construction.	• Part 3A Permit Application 24 March 2004 • Enclosure Permit No. 353669, DLWC • Deed of Agreement for Pipeline Easement, 19 June 2003	Yes	July 2004 Easement Agreements were provided for land for which Barrick was not the Registered Proprietor: Lot 18, DP753097 Lots 44, 45, 46 and 47, DP42918 TSR84719 public roads vested in Forbes Shire Council
4.5	**Disposal of Excess Water**			
	There shall be no disposal of water from the internal catchment drainage system to Lake Cowal under any circumstances.		Noted	January 2005 The Site Water Management Plan and water management systems collect all water from the mine operations area and direct it to holding ponds for reuse on the site or treatment for use in the plant and mine operations.
5	**HAZARDOUS MATERIALS AND TAILINGS MANAGEMENT**			
5.1	***Waste Rock Emplacement and Management***			
	The Applicant shall construct and manage the waste rock emplacement as set out in the EIS, and to the satisfaction of the DMR.	EIS section Mining Operations Plan 2005-2007	Noted	January 2005 Waste rock emplacement will not commence until mining operations begin in 2005. June 2005 Pre-stripping of the mine pit commenced in April 2005. Waste emplacement will occur in accordance with the EIS and the Mining Operations Plan 2005-2007. December 2005 Waste rock emplacement from the mine operations is in

				accordance with the Mine Operations Plan. June 2006 Waste rock emplacement from the mine operations has continued in accordance with the Mine Operations Plan, with the establishment of the northern and southern waste emplacement areas.
5.2	***Tailings Emplacement and Management***			
	The Applicant shall: (a) construct the tailings dams to the requirements of, DMR, EPA and DSC and in consultation with DLWC; (b) construct and compact the floor of the tailings storages as required to a permeability acceptable to the DMR and EPA in consultation with DLWC;	• Letter to DEC re Permeability Test Report for Northern Tailings Storage Facility 1 Dec 2004 • Letter to DEC re Permeability Test Report for Northern Tailings Storage Facility 15 Dec 2004  Plate H: Southern TSF nearing completion – December 2005.  Plate I: Southern Tailings Storage Facility completed in 1st quarter 2006.	Yes	January 2005 (a) The Northern Tailings Storage Facility is being constructed in accordance with the requirements of the DEC (EPA)/DSC and DPI (Minerals). ((b) Permeability Test Report for the Northern Tailings Storage Facility was submitted to DEC (EPA) and DPI and DIPNR (LWC) on 1 Dec 2005. June 2005 The Northern Tailings Storage Facility is completed and the Southern Tailing Storage Facility is still being constructed (due for completion in 3rd quarter 2005). December 2005 The Southern TSF had been constructed and the completion of the floor and walls of the facility is planned for 1st quarter 2005. The Northern Tailings Storage Facility was being used for storage of clean water for the start up of the process plant. June 2006 The STSF has been completed and tailings are being pumped to the southern storage facility, following commencement of the process plant commissioning.

Plate J: Southern Tailings Storage Facility 23 June 2006, receiving tailings form the process plant commissioning, and decant water is returned to the process plant for reuse.

Plate K: Northern Tailings Storage Facility containing water pumped from the mine pit dewatering bores and groundwater from the Bland palaeochannel borefield.

5.3	***Management of Retained Water – Cyanide Management***			
	(a) Cyanide levels The Applicant shall ensure that cyanide levels of the aqueous component of the tailings slurry stream do not exceed: 20mg CN_{WAD}/L (90 percentile over six months), and 30mg CN_{WAD}/L (maximum permissible limit at any time), at the discharge point to the tailings storages.		YES	July 2004 This condition will become active when tailings emplacement commences following commissioning of the Process Plant in 4th quarter 2005. June 2006 Tailings emplacement commenced in March 2006 to the STSF. The cyanide levels in the slurry stream have been <20mg CN_{WAD}/L (90 percentile) to June 2006.
	(b) Cyanide management The Applicant shall prepare a cyanide management plan for the monitoring and reporting of cyanide use on the site, in consultation with DMR, EPA, and DLWC, and to the satisfaction of the Director-General, prior to any use of cyanide on the site. The plan shall make provision for, but is not limited to: (i) containing cyanide contaminated waters entirely within the mine site; (ii) maintaining weak acid dissociable (WAD) cyanide levels at the discharge point to the tailings dams to the levels stated in condition 5.3(a); (iii) contingency measures for cyanide reduction. (Refer condition 8.2(b) for cyanide monitoring details).	• Letter to DoP re Submission of Cyanide Management Plan, 7 Dec 2005 • Letter from DoP re Approval of the Cyanide Management Plan, 9 Jan 2006	YES	July 2004 See comment in 5.3(a). The Cyanide Management Plan will be prepared in consultation with DPI (Minerals), DEC (EPA) and DIPNR (LWC) prior to use of any cyanide on site. June 2005 Draft Cyanide Management Plan is being developed to be available for review prior to use of cyanide on the site. Barrick have involved external experts in cyanide management for the preparation of the draft plan. December 2005 Cyanide Management Plan submitted to DoP for approval. A meeting was held with DoP to discuss the Plan on 12 December 2005. June 2006 The Cyanide Management Plan was approved by the Director-General on 9 January 2006.
	(c) In the event of wildlife deaths occurring due to cyanide, review of cyanide levels shall occur by the EPA in consultation with the Applicant, DMR and NPWS. Any decision to require cyanide reduction shall include, but not be limited to, consideration of the number of fauna deaths, the species involved, antecedent condition of species, methods employed at the time to prevent use of tailings dams by fauna, and antecedent climatic and surface water conditions of the Lake and surrounding area. The Applicant shall notify the CEMCC of any reductions in cyanide levels as soon as practicable.		Noted	June 2006 No wildlife deaths have occurred due to cyanide up until June 2006.
5.4	***Fuel, Oil and other Chemical Handling***			
	Note: The development consent conditions under 5.4(a)-(f) are related to offsite risk to people and the biophysical environment. The safety of all persons and operations on site is the responsibility of the DMR		Noted	

	under the Mines Inspection Act and Dangerous Goods Act.			
	(a) Pre-Construction Studies The Applicant shall prepare and submit for the approval of the Director-General, the studies set out under subsections 5.4(a)(i) to 5.4(a)(iii) (the pre-construction studies), at least one month prior to the commencement of construction of the proposed development, (except for construction of those preliminary works that are outside the scope of the hazard studies), or within such further period as the Director-General may agree. Construction, other than of preliminary works, shall not commence until approval has been given by the Director-General and, with respect to the fire safety study, approval has also been given by the Commissioner of the NSW Fire Brigades.	• Letter from DIPNR re Extension of Deadline for completion of Studies – Condition 5.4, 10 Sept 2003 • Letter from DIPNR re Extension of Deadline for completion of Studies – Condition 5.4, 15 May 2004Letter from DIPNR re extension for submission of HAZOP Studies, 9 Dec 2004	Yes	July 2004 The 5.4(a) studies were not completed prior to commencement of construction and DIPNR granted an extension until the 31 May 2004 and a further extension as described below. Extension of time granted for submission of the Fire Safety Study, Hazard and Operability Study, and Final Hazard Analysis until 31 December 2004. January 2005 The pre-construction studies (excluding the HAZOP supplementary studies) have been prepared and were submitted to DIPNR on 22 December 2004.
	(i) *Fire Safety Study* This study shall cover all aspects detailed in the Department of Urban Affairs and Planning's Hazardous Industry Planning Advisory Paper No. 2, "Fire Safety Study Guidelines" and the New South Wales Government's "Best Practice Guidelines for Contaminated Water Retention and Treatment Systems". The study shall also be submitted for approval to the New South Wales Fire Brigades. The study should, in particular, address the fire related issues associated with the storage and use of Ammonium Nitrate, Sodium Isobutyl Xanthate, and Cyanide.	• Letter to NSW Fire Brigades – Submission of Fire Safety Study for approval, 22 Dec 2004 • Letter to DIPNR – Submission of Fire Safety Study, 22 Dec 2004 • Letter from DIPNR re Preconstruction Studies, 30 March 2005 • Letter to NSW Fire Brigades re FSS comments, 29 April 2005 • Letter from NSW Fire Brigades re Fire Safety Study, 9 May 2005 • Letter from NSW Fire Brigades re Satisfaction with the Fire Safety Study, 15 September 2005	Yes	July 2004 Refer to comments in condition 5.4(a) in relation to extension of the date for submission. January 2005 Fire Safety Study prepared by Pinnacle Risk Management for CGP and submitted for approval by the Commissioner of the NSW Fire Brigade, was submitted to DIPNR in Dec 2004 in accordance with MCoA 5.4. June 2005 DIPNR considered the FSS satisfactory subject to the NSW Fire Brigades approving the report. Comments received from NSW Fire Brigades – Risk Management Directorate in relation to the FSS. CGP has addressed the comments and has the amended FSS ready for submission to NSW Fire Brigades in June 2005. December 2005 The Fire Safety Study was prepared and comments received from the NSW Fire Brigades were included into the final Study. The NSW Fire Brigades provided a letter expressing satisfaction with the fire safety measures within the study in September 2005.
	(ii) *Hazard and Operability Study* The study is to be chaired by an independent qualified person approved by the Director-General prior to the commencement of the study. The study shall be carried out in accordance with the Department's Hazardous Industry Planning Advisory Paper No.	• Letter to DIPNR – Submission of HAZOP Study, 22 Dec 2004 • Letter from DIPNR re Preconstruction Studies (HAZOP	Yes	July 2004 Refer to comments in condition 5.4 in relation to extension to the date for submission. January 2005

	8, "HAZOP Guidelines". The HAZOP shall in particular address the monitoring, control, alarm and shutdown systems associated with xanthate and cyanide process streams.	Study), 30 March 2005 • Letter to DIPNR re Supplementary HAZOP Studies, 27 May 2005 • Letter from DIPNR re Comments on Supplementary HAZOP Studies, 27 June 2005 • Letter from DoP re HAZOP Supplementary Studies, Sep 2005 • Letter from Barrick to DoP re HAZOP Study Action Closeout Status, 16 Jan 2006HAZOP Supplementary Studies		The Hazard and Operability Study for the main plant area was prepared and submitted to DIPNR in Dec 2004 and the HAZOP Study Action Item Closeout Status Report (Action Program) prepared by Aker Kvaerner Australia Pty Ltd was also submitted in Dec 2004. June 2005 HAZOP Study approved by DIPNR with the requirement that further HAZOP work be completed for the areas of Oxygen storage and vaporising, LPG storage and the intensive cyanide leach process. The supplementary HAZOP Studies for the oxygen system, LPG system and cyanide leach package were submitted to DIPNR on 27 May 2005 for approval. Comments were received from DIPNR on 27 June 2005. The HAZOP will be approved when the comments from DIPNR have addressed. December 2005 Letter of conditional approval of the supplementary studies received from DoP in Sep 2005. The supplementary studies for the HAZOP Study have been undertaken and submitted to DoP. Completion of the supplementary studies to the satisfaction of the D-G notified in Jan 2006.
	(iii) *Final Hazard Analysis* The analysis should be prepared in accordance with the Department of Urban Affairs and Planning's Hazardous Industry Planning Advisory Paper No. 6, "Guidelines for Hazard Analysis".	• Letter to DIPNR – Submission of Final Hazard Analysis, 22 Dec 2004 • Letter from DIPNR re Fire Hazard Analysis, 30 March 2005	Yes	July 2004 Refer to comments in condition 5.4 in relation to the extension to the date for submission of the Final Hazard Analysis. January 2005 The Final Hazard Analysis was prepared by CGP and submitted to DIPNR on 22 December 2004. June 2005 Hazard Analysis approved by DIPNR in March 2005.
	(b) Pre-Commissioning Studies The Applicant shall prepare and submit for the approval of the Director-General the studies set out under subsections 5.4(b)(i) to 5.4(b)(iii) (the pre-commissioning studies), no later than two months prior to the commencement of commissioning of the proposed development, or within such period as the Director-General may agree. Commissioning shall not commence until approval has been given by the Director-General.		N/A	July 2004 The commissioning of the plant is planned for 4th quarter 2005. June 2005 The commissioning of the process plant is planned for 4th quarter 2005, with the commissioning of the flotation component of the plant in late 2006. December 2005

				The commissioning of the process plant is planned for 1st quarter 2006. <u>June 2006</u> The pre-commissioning studies have been conducted and reports prepared and submitted to the Director-General. Approval was obtained prior to commencement of the plant commissioning.
	(i) *Transport of Hazardous Materials* The study comprises arrangements covering the transport of hazardous materials including details of routes to be used for the movement of vehicles carrying hazardous materials to or from the proposed development. The study shall be carried out in accordance with the Department of Urban Affairs and Planning's draft "Route Selection" guidelines. Suitable routes identified in the study shall be used except where departures are necessary for local deliveries or emergencies. The study should also address (1) the issues associated with spills, cleanup procedures, training of clean-up teams, communication, and liaison with organisations such as the fire brigades, District Emergency Management Coordinator (and Committee), Local Emergency Management Committee(s), and state emergency services; (2) inspection and monitoring procedures for chemicals such as explosives, xanthates and cyanides prior to commencement of a trip, to verify the integrity of the packaging; and (3) measures to be taken to ensure that the temperature of the materials does not rise above safe levels	• Letter to DIPNR re Request for Submission of the Transport of Hazardous Materials Study in Two Stages, 19 May 2005 • Letter from DIPNR re Submission of Transport of Hazardous Materials Study, 6 June 2005 • Letter from Barrick to DoP re Transport of Hazardous Materials Study, 19 Sep 2005 • Letters to Councils re Transport of Hazardous Materials Study, September to December 2005 • Letter to DoP re Transport of Hazardous Materials Study, 20 Dec 2005 • Letter from DoP re Approval of Transport of Hazardous Materials Plan, 9 January 2006	Yes	<u>July 2004</u> Refer to comment in condition 5.4(b). The transport of hazardous materials will not occur until the 4th quarter 2005. <u>June 2005</u> DIPNR agreed to the submission of the Transport of Hazardous Materials Study to be submitted in two stages at least one month prior to commissioning of the relevant plant components: ▪ Process plant ▪ Flotation plant components (primary ore) <u>December 2005</u> Requirements for route evaluation for hazardous materials studies prepared and submitted to DoP for comment. Consultation with the various affected Councils was conducted in accordance with Guideline No.9. The Transport of Hazardous Materials Plan submitted to DoP in 4th quarter 2005 for approval. <u>June 2006</u> Department of Planning advised the plan and study met Minister's consent requirements and that the Director-General has approved the plan and study.
	(ii) *Emergency Plan* A comprehensive emergency plan and detailed emergency procedures for the proposed development. This plan shall include detailed procedures for the safety of all people outside of the development who may be at risk from the development. The plan should be in accordance with the Department of Urban Affairs and Planning's Hazardous Industry Planning Advisory Paper No. 1, "Industry Emergency Planning Guidelines", and include procedures for spillage, cleanup, control and protection, and rescue of wildlife during the emergency.	Construction Emergency Response Plan – CGP • Letter from Barrick to DoP re Extension for Submission of the Emergency and Safety Management Plans, 1 Sep 2005 • Letter from DoP re approval for Extension of Date for Submission for Emergency and Safety Management Plans to 31 Oct 2005.	Yes	<u>July 2004</u> The Construction Emergency Response Plan is in place and operational. <u>January 2005</u> The CGP Emergency Response Team (15-20 staff) is being provided with training. In December 2004 RFS provided a 2 day training session on fire response, and a crisis management training course was conducted involving rescue/spill response /media and protesters response. A Category 7 fire tender has been commissioned and will be fully operational by 30 January

	• Letter to DoP re Submission of Emergency Management Plan, 28 Oct 2005. • Letter from DoP re Approval of the Emergency Management Plan, 14 December 2005		2005. There is also a Spill Response Unit trailer and fire trailer with water tank. The Operational Emergency Response Plan will be prepared for implementation prior to commencement of operation of the mine and process plant in 4th quarter 2004. June 2005 A Memorandum of Understanding has been prepared between the NSW Rural Fire Service and Barrick, and is expected to be finalised in July 2005. The Operations Emergency Plan is in draft form following the conduct of the risk assessment. It is planned to be prepared for submission in 3rd quarter 2005. December 2005 Emergency Management Plan submitted to DoP for approval in October 2005 and approval was obtained on 14 December 2005 from DoP.
(iii) *Safety Management System* A document setting out a comprehensive safety management system, covering all operations on-site and associated transport activities involving hazardous materials. The document shall clearly specify all safety related procedures, responsibilities and policies, along with details of mechanisms for ensuring adherence to procedures. Records shall be kept on-site and should be available for inspection by the Director-General upon request. The safety management system should be developed in accordance with the Department's Hazardous Industry Planning Advisory Paper No. 9, "Safety Management".	• Letter from Barrick to DoP re Extension for Submission of the Emergency and Safety Management Plans, 1 Sep 2005 • Letter from DoP re approval for Extension of Date for Submission for Emergency and Safety Management Plans to 31 Oct 2005 • Letter to DoP re Submission of Safety Management System, 28 Oct 2005. • Letter from DoP re Approval of the Safety Management System, 14 December 2005	Yes	July 2004 Refer to comment in condition 5.4(b). The Safety Management System documentation will be developed prior to the commencement of the process plant and transport of hazardous materials to the site. December 2005 Safety Management System submitted to DoP for approval in October 2005 and approval was obtained from DoP on 14 December 2005.
(c) Compliance Reports One month prior to the commencement of operation of the plant, the Applicant shall submit to the Director-General, a compliance report detailing compliance with conditions 5.4(a) and 5.4(b), including: (i) dates of study submission, approval, commencement of construction and commissioning; (ii) actions taken or proposed, to implement recommendations made in the studies; and	• Pre-Operation Compliance Report, February 2006 • Letter to Director-General re Pre-operation Compliance Report, 16 February 2006. • Letter from Director-General re Acceptance of Compliance Report, 6 March 2006	N/A	July 2004 The Compliance Report will be prepared in the 3rd quarter 2005 for submission one month prior to commencement of the operation of the plant. January 2005 The process plant is due for completion in 4th quarter 2005 and the Compliance Report will be prepared for submission one month prior to commencement of the plant. December 2005

	(iii) responses to each requirement imposed by the Director-General under condition 5.4(f).			The commissioning of the process plant is planned for 1st quarter 2006. The Compliance Report will be prepared for submission 1 month prior to commencement of operation of the plant. June 2006 The Compliance Report was prepared and submitted to the Director-General on 16 February 2006 in accordance with MCoA 5.4(c).
	(d) Incident Report Within 24 hours or the next working day of any incident or potential incident with actual or potential significant off-site impacts on people, or the biophysical environment (including wildlife), report shall be supplied to the Director-General outlining the basic facts and mitigation measures undertaken at the time. A further detailed report shall be prepared and submitted following investigations of the causes and identification of necessary additional preventative measures. The report must be submitted to the Director-General no later than 14 days after the incident or potential accident. The Applicant shall maintain a register of such accidents, incidents, and potential incidents. The register shall be made available for inspection at any time by the independent hazard auditor and the Director-General.	Letter to DEC re Spill of diesel fuel on road, 9 May 2005.	Yes	January 2005 No reportable incidents occurred during the audit period. Incident Reports are to be completed for any incidents occurring from the CGP activities (including all contractor works). The Barrick reporting system includes a standard form for an Incident Report, Investigation/Action/Clearance Form. June 2005 A spill of 500 litres of diesel fuel occurred on road about 2 km east of Bogeys Island in May 2005. The DEC was notified of the spill. A written report was provided to the DEC. December 2005 No reportable incidents occurred between July and December 2005. June 2006 No reportable incidents occurred between January and June 2006.
	(e) Hazard Audit Twelve months after the commencement of operations of the proposed development or within such further period as the Director-General may agree, the Applicant shall carry out a comprehensive hazard audit of the proposed development and submit a report of the audit to the Director-General. The audit shall be carried out at the Applicant's expense by a duly qualified independent person or team approved by the Director-General prior to commencement of the audit. Further audits shall be carried out every three years or as determined by the Director-General and a report of each audit shall within a month of the audit be submitted to the Director-General. Hazard audits should be carried out in accordance with the Department's Hazardous Industry Planning Advisory Paper No. 5, "Hazard Audit Guidelines".		N/A	January 2005 Preparation of the Hazard Audit is planned for 4th quarter 2006, (i.e. 12 months after commencement of operation of process plant). December 2005 Preparation of the Hazard Audit is now planned for 1st quarter 2007, (i.e. 12 months after commencement of operation of process plant). June 2006 The Hazard Audit is planned for 1st quarter 2007, (i.e. 12 months after commencement of operation of process plant).

	(f) Further requirements The Applicant shall comply with all reasonable requirements of the Director-General in respect of the implementation of any measures arising from the approvals given in respect of conditions 5.4(a) - 5.4(e) above, within such time as the Director General may agree.		Noted	
5.5	***Domestic Waste***			
	The Applicant shall dispose of all solid waste and putrescible matter from the site to the satisfaction of BSC.		Yes	All solid waste and putrescible matter from the site activities is collected by a waste contractor for disposal at the BSC landfill.
5.6	***Sewage and Associated Waste Management***			
	The Applicant shall install the site sewage treatment facility, and dispose of treated sewage and sullage to the satisfaction of BSC and EPA, and in accordance with the requirements of the Department of Health.	• Notice of Determination of a Development Application 118/03 – Installation of On-site Sewage Management System • Notice of Determination of a Development Application 139/03 – Relocation of Drilling Compound Infrastructure • Construction Certificate No.6, 4 April 2005 for Package Sewage Treatment Plant, DIPNR	N/A	July 2004 This condition applies to the permanent sewage treatment facility that will be installed for the operation of the mine, process plant and administration areas. Currently the STP installed at the temporary Mine Office area, contractors compound and driller's compounds have been approved under development applications to the BSC. December 2005 The sewage treatment plant for the permanent administration buildings is planned for commencement of operation in the 1st quarter 2006. June 2006 The permanent on-site sewage management system has been installed west of the Mine Workshop and Administration Complex.
5.7	***Asbestos & Other Hazardous/Toxic Waste Management***			
	The Applicant shall prior to commencement of construction works prepare a Hazardous Waste and Chemical Management Plan as set out in section 6.4.1 of the EIS in consultation with EPA and BSC, and to the satisfaction of the Director-General.	• Hazardous Waste and Chemical Management Plan Oct 2003 • Letter from DMR Ref L03/0324 re Draft Hazardous Waste and Chemical Management Plan 14 Oct 2003 • Letter from BSC re Draft Hazardous Waste and Chemical Management Plan 29 Oct 2003 • Letter from EPA re Draft Hazardous Waste and Chemical	Yes	July 2004 The Hazardous Waste and Chemical Management Plan was prepared by Barrick, approved by the Director General in October 2003 and placed on display at Bland Shire Council on 5 November 2003. June 2006 The Hazardous Waste and Chemical Management Plan was revised by Barrick and submitted to the Director-General for approval in January 2006. Approval was obtained from the Director-General on 6 March 2006.

		Management Plan 29 Oct 2003 • Letter from DIPNR re Hazardous Waste and Chemical Management Plan 30 Oct 2003 • Hazardous Waste and Chemical Management Plan Jan 2006 • Letter to Director-General re Revised Hazardous Waste and Chemical Management Plan, 16 January 2006 • Letter from Director-General re Approval of the Revised Plan, 6 March 2006		
6.	**AIR QUALITY/BLAST/ NOISE AND LIGHT MANAGEMENT**			
6.1	***Air Quality Management***			
	(a) The Applicant shall prior to commencement of construction works prepare a dust management plan detailing air quality safeguards and procedures for dealing with dust emissions in consultation with the EPA and to the satisfaction of the Director-General. The management plan shall be updated as required by the Director-General and/or EPA. The plan shall include, but not be limited to, details of: locations for dust monitoring (in accordance with Australian Standard), including location gauges near the Gumbelah residence, and bird breeding and native flora areas determined by the Applicant in consultation with the EPA and NPWS;	Dust Management Plan 2003 • Letter from NPWS re Draft Dust Management Plan, 24 July 2003 • Letter from EPA re Draft Dust Management Plan 25 July 2003 • Letter from DMR Ref L03/0324 re Draft Dust Management Plan 28 July 2003 • Letter from DIPNR re Dust Management Plan 1 Aug 2003 • Letter from BSC re Draft Dust Management Plan, 6 Aug 2003	Yes	July 2004 A Dust Management Plan was prepared by Barrick, approved by the Director General in August 2003 and placed on display at Bland Shire Council on 6 August 2003.
	(b) methods to determine when and how the mine operation is to be modified to minimise the potential for dust emissions. (c) measures to continue baseline monitoring undertaken prior to development consent. (Refer condition 8.3 for air quality monitoring details)	Dust Management Plan Section 5 Dust Management Plan Section 7	Yes	January 2005 Baseline monitoring of dust has continued with the dust deposition gauges maintained and samples collected each month. Dust monitoring results will be included in the AEMR. June 2005 Dust monitoring has continued with variable results indicating dust deposition rates were increased during the dry conditions. Rainfall during June reduced dust generation from the site activities. December 2005 Dust monitoring has continued during the July to

				December 2005 period and results will be provided in the AEMR. June 2006 Dust monitoring results for July to December 2005 period were reported in the 2005 AEMR. Results for the January to June 2006 period were sighted on EQWin. Dust monitoring has continued at the sites specified in EPL condition P1.1.
6.2	***Dust Suppression and Control***			
	The Applicant shall: (i) maintain and use sufficient equipment with the capacity to apply water to all unsealed trafficked areas at a rate which minimises dust emissions; (ii) ensure the prompt and effective rehabilitation of all disturbed areas to minimise generation of wind erosion dust, in accordance with the requirements of DMR; (iii) keep the surface of all stockpiles sufficiently treated to minimise windblown dust.	 Plate L: Localised dust generation from heavy equipment in the Northern Tailings Storage Facility excavation.	Yes	July 2004 Water tankers were in use on site in the areas of surface disturbance during the site inspections associated with this audit. January 2005 The use of water tankers to reduce dust dispersion from the construction activities continued in the Northern Tailings Storage Facility, internal access road and water management structures. The dry conditions resulted in localised dust generation in the areas of heavy equipment use. June 2005 Water tankers have been used to control dust from the construction activities and roadways within the lease area. Rainfall during June reduced dust generation from vehicles and equipment on the site and no dust impact was observed during the audit inspections. December 2005 Water tankers were observed on site in the mining area, along the access roads, process plant area and in the TSF where land disturbance and construction activities were being undertaken. June 2006 Water tankers are available on site for the control of dust on roads and other disturbed areas subject to traffic movements.

6.3	***Blast Management***			
	The Applicant shall: (i) prior to mining operations prepare a blast management plan in consultation with the EPA and to the satisfaction of the Director-General . The plan shall identify the blast provisions detailed in the ANZECC document titled "Technical Basis for Guidelines to Minimise Annoyance due to Blasting Overpressure, and Ground Vibration". The plan shall also detail strategies and procedures for dealing with blasts which exceed air blast overpressure of 120dBL (Peak Linear) at dwellings, or demonstrably disturb bird breeding, and carry out remedial measures as directed by the EPA, in consultation with NPWS if monitoring demonstrates bird breeding is impacted.	Blast Management Plan Sep 2003 • Letter from NPWS re Blast Management Plan, 5 Aug 2003 • Letter from DMR Ref L03/0324 re Draft Blast Management Plan 8 Aug 2003 • Letter from DIPNR re Blast Management Plan 23 August 2003	Yes	July 2004 A Blast Management Plan was prepared by Barrick, approved by the Director General in August 2003 and placed on display at Bland Shire Council on 8 September 2003.
	(ii) advise residents within two (2) kilometres of the active mining area of future blasting events on a monthly basis, and of any changes to monthly programs.	• Blast Management Plan Section 3 • Letters of Notification of Blasting to residents – September/October 2005 • Notification of Blasting to residents – January to June 2006	Yes	January 2005 No blasting associated with the mine has occurred. June 2005 No blasting associated with the mine has occurred. December 2005 Residents in the vicinity of the mine lease were advised in advance of blasting for the first 10 events between September and December 2005, even though they were outside the 2km radius of the active mining area. June 2006 No residents are within 2km of the mining area.
	(iii) upon written request of the owner of any dwellings located within two (2) kilometres of the active mining area, the Applicant shall arrange at its own costs, for the inspection by a technically qualified person agreed to by both parties, to record the material condition of any structure on such property within 14 days of receipt of the request. The Applicant shall supply a copy of any inspection report, certified by the person who undertook the inspection, to the relevant property owner within fourteen (14) days of receipt of the report; (Refer condition 8.4(b) for blast monitoring details)	Blast Management Plan Section 11	Not activated	January 2005 No blasting associated with the mine has occurred. June 2005 No blasting associated with the mine has occurred. December 2005 No complaints or requests for inspection of any properties were received in relation to the blasting conducted between September and December 2005. This condition has not been activated. June 2006 No complaints or requests for inspection of any properties were received in relation to the blasting conducted between January and June 2006.

6.4	***Noise Control***			
	(a) <u>Noise levels - mine operations</u> The Applicant shall ensure that the $L_{A10\ (15\ minute)}$ noise levels due to the normal operation of the mine, when measured or computed at any dwelling in the vicinity of the mine (other than one owned by a mining company), shall not exceed:- - during day time (7am-10pm), an $L_{A10\ (15\ minute)}$ noise levels of 35dB(A) - during night time (10pm-7am), an $L_{A10\ (15\ minute)}$ noise levels of 33dB(A). These goals apply under prevailing meteorological conditions except during: • rain; and/or • wind speeds greater than 3m/s, and/or • temperature inversions. Noise impacts that may be enhanced by temperature inversions shall be addressed by: (i) documenting noise complaints received to identify any higher level of impacts or patterns of temperature inversions; and (ii) where levels of noise complaints indicate a higher level of impact then actions to quantify and ameliorate any enhanced impacts under temperature inversion conditions should be detailed in the noise management plan.	Noise Management Plan, October 2004	Noted	Noise monitoring has been conducted taking account of and recording the prevailing meteorological conditions at the time of the monitoring.
	(b) <u>Noise management plan</u> The Applicant shall prior to commencement of mining operations prepare a noise management plan in consultation with the EPA and to the satisfaction of the Director-General. The plan shall detail noise strategies and procedures for dealing with noise which exceeds the LA_{10}(15 minute) noise emission limits set out in this consent, including where appropriate exceedences during temperature inversions, or demonstrably disturbs bird breeding, and carry out remedial measures as directed by the EPA, in consultation with NPWS if monitoring demonstrates bird breeding is impacted. (Refer condition 8.4 for noise investigation/monitoring details).	• Letter from EPA re Draft Noise Management Plan 7 Nov 2003 • Letter to DIPNR re Submission of Noise Management Plan, 11 Nov 2004 • Letter from DIPNR re Noise Management Plan prepared to the satisfaction of the Director-General, 21 Nov 2004 Noise Management Plan October 2004	Yes	<u>January 2005</u> Noise Management Plan prepared in consultation with DEC and submitted to DIPNR in November 2004. DIPNR provided a letter confirming satisfaction with the Plan.
	(c) <u>Road traffic noise</u> (i) The Applicant shall, prior to commencement of construction, prepare a traffic noise management plan for the access road from the intersection with the Mid-Western Highway to the mine site in consultation with the EPA and BSC, and to the satisfaction of the Director-General. The plan shall include, but not be limited to: details of noise monitoring; and details of mitigation measures in the event of noise exceedences.	Traffic Noise Management Plan Nov 2003 • Letter from DMR re Draft Traffic Noise Management Plan 8 Aug 2003 • Letter from EPA re Draft Traffic Noise Management Plan 18 Aug 2003	Yes	<u>July 2004</u> A Traffic Noise Management Plan for the access road was prepared by Barrick, approved by the Director General in August 2003 and placed on display at Bland Shire Council on 4 September 2003. <u>June 2005</u> Construction Noise Monitoring was conducted in November 2004 and Traffic Noise Assessment was conducted in

		• Letter from BSC re Draft Traffic Management Plan 19 Aug 2003 • Letter from DIPNR re Traffic Noise Management Plan 28 Aug 2003 • Letter to DEC re Traffic Noise Criteria, 21 July 2004 • Letter to DEC re Traffic Management Plan 13 Oct 2004		February 2005 by Heggies Australia.
	(ii) Truck movements for material delivery will be restricted as far as practicable to daytime hours (0700-2200 hrs).	• Traffic Noise Management Plan Section 2.3	Noted	
	(iii) Notwithstanding subclause (i) above, traffic noise monitoring shall be conducted at any of the five dwellings predicted to be affected by road traffic noise as identified in the EIS upon receipt of relevant noise complaint. Noise amelioration works shall be implemented where noise levels (as validated by monitoring) are determined to be in exceedence of relevant EPA criteria. The proposed amelioration measures shall be approved by BSC prior to implementation.	• Traffic Noise Management Plan Section 4.1.2 • Cowal Gold Project Traffic Noise Assessment February 2005, Heggies Australia, May 2005 • Cowal Gold Project Mine Operating Noise Monitoring June to August 2005, Heggies Australia, October 2005 • Mine Operating Noise Monitoring, Heggies Australia, February 2006	Yes	July 2004 Baseline Traffic Noise Assessment carried out by Richard Heggie Associates on 20 January 2004. June 2005 A Traffic Noise Assessment was conducted in February 2005 by Heggies Australia. The noise levels for the February 2005 monitoring at Clairview and 140 Ungarie Road indicated that daytime calculated levels were within the DEC ECTRN criterion, and night-time calculated levels were marginally (1dBA) above the criterion. December 2005 The noise monitoring conducted by Heggies between June and August reported that noise emissions for daytime and night-time were below the criteria listed in the MCoA and EPL. June 2006 Traffic Noise Emissions Assessment was conducted in February 2006 by Heggies Australia as part of the mine operating noise assessment. The measured traffic noise levels were reported to be generally consistent with the predictions and assessments presented in the Traffic Noise Management Plan August 2003.
	(iv) In the event that other landowners consider that noise at their dwelling which is located along the mine access road between the Mid-Western Highway and the mine site, is in excess of the relevant EPA amenity criteria for traffic noise, and the Director-General, in consultation with the EPA, is satisfied that an investigation is required, the Applicant shall upon receipt of a written request:	Traffic Noise Management Plan Section 4.1.3	Not activated	December 2005 This condition has not been activated. June 2006 This condition had not been activated up to June 2006.

	• appoint a qualified independent person to undertake direct discussions with the landowners affected to ascertain their concerns and to plan and implement an investigation to quantify the impact and determine the sources of the effect, and • where the project is identified as the cause/source bear the cost of the independent investigation and if exceedences are identified implement noise amelioration to provide for full compliance with EPA criteria. The proposed amelioration measures shall be approved by BSC prior to implementation.			
7	**TRANSPORT AND UTILITIES**			
7.1	***Road Transport***			
	Mine site access road (i) The Applicant shall ensure as far as practical that the preferred mine access road route as described in the EIS is the only route used by employees and contractors travelling to the mine site from West Wyalong and no other route. (ii) The mine access road upgrade shall be undertaken in accordance with the approval issued by BSC under Part 5 of the Environmental Planning and Assessment Act, 1979. (Refer also to conditions 2.2 and 5.4(b)).	Access Road Erosion and Sediment Control Plan, Oct 2003 Bland Shire Council Decision Notification of Approval of Cowal Gold Project Access Road Upgrade, 21 April 1999 Letter to BSC re Mine Access Road, 31 January 2005.	Yes	July 2004 A Part 5 Approval under the EPA Act for the mine access road approved on 21 April 1999. The Bland Shire Council (BSC) granted approval for the upgrade of the access road to the Cowal Gold Project - MR57 North West Wyalong/Wamboyne Road; Blow Clear/Lake Cowal Road; Lake Cowal/Wamboyne Road; & Public Road adjoining West Wyalong/Burcher Railway Line. January 2005 The external mine access road is being constructed and is planned for completion by the BSC in mid 2005. The internal mine access road will be completed in mid-2005. June 2005 The internal mine access road has been completed and ready for use when the external road is completed by the BSC in August/September 2005. The external road is finished and sealed along some sections to the mine. The remainder of the external road from West Wyalong is being finished for sealing in 3rd quarter 2005 (dependent on weather). BSC was provided with archaeological clearance for chainages 0.0 m to 5,900 m of Mine Access Road in January 2005. December 2005 The traffic route to the mine has been sealed with some areas of widening still to occur at the southern end. June 2006 The approved access road route to the mine site from West Wyalong has been completed and is in use.

8.	**MONITORING/AUDITING**			
	Monitoring programs in conditions 8.1 - 8.6 below are to be revised/updated annually, unless otherwise directed by the Director-General, to reflect changing environmental requirements significant changes in technology/operational practices and results from monitoring conducted. Changes shall be made and approved through the AEMR process. All monitoring programs shall also be made publicly available at BSC within two weeks of approval of the relevant government authority.	• Surface Water, Groundwater, Meteorological and Biological Monitoring Program – Construction Phase, Dec 2003 • Monitoring Program for the Detection of any Movement of the Lake Protection Bund, Water Storage and Tailings Structures and Pit/Void Walls, Dec 2004 • Letter from DIPNR re Draft Surface and Groundwater, Meteorological and Biological Monitoring Program, for mining operations, 11 April 2005	Yes	July 2004 The surface and ground water monitoring program was placed on display at Bland Shire Council within 2 weeks of their approval by the relevant government authority. January 2005 Monitoring results will be presented in the AEMR due for submission in February to DIPNR and any updates to the monitoring program will occur through the AEMR process. June 2005 DIPNR advised they were satisfied that the monitoring and sampling design detailed in the mining operations program within the Surface Water, Groundwater, Meteorological and Biological Monitoring Program meet the requirements of the MCoA. December 2005 No changes to the monitoring program had occurred between July and December 2005. June 2006 No changes to the monitoring program had occurred between January and June 2006 and no revision of the program is proposed in the 2005 AEMR.
8.1	***Meteorological***			
	The Applicant shall continue meteorological monitoring by utilising and maintaining the existing weather station on site. The data shall be particularly used for predicting noise, dust and blasting impacts on nearby residences, and bird breeding areas identified by the Applicant in consultation with NPWS.	 Plate M: Meteorological station at permanent location.	Yes	July 2004 In June 2004 the meteorological station was established at the permanent site east of the tailings storage area on the southern side of the mine lease. December 2005 The meteorological station continued to operate with data sent to the Environment Section computer system to provide continuous monitoring results for use by the CGP personnel. June 2006 The meteorological station continues to operate at the site on the western side of the mining lease near the TSR.

8.2	***Surface and Ground Water and Cyanide***			
	(a) Water monitoring (i) The Applicant shall construct and locate: (a) surface water monitoring positions in consultation with DLWC and EPA, and to the satisfaction of the Director-General , at least three months prior to the commencement of construction works unless otherwise directed by the Director-General; and (b) groundwater monitoring positions in consultation with DLWC and EPA, and to the satisfaction of the Director-General at least six months prior to the commencement of construction works unless otherwise directed by the Director-General.	Surface Water, Groundwater, Meteorological and Biological Monitoring Program – Construction Phase, Dec 2003 Section 4.3 • Letter from DIPNR re surface water monitoring locations, 12 Mar 2003 Surface Water, Groundwater, Meteorological and Biological Monitoring Program – Construction Phase, Dec 2003, Section 5.3 • Letter from DIPNR re surface water monitoring locations, 12 Mar 2003 • 2005 Annual Environment Management Report, submitted 23 March 2006	Yes	July 2004 Surface water monitoring positions were located at least 3 months prior to commencement of construction. The positions were approved by the Director-General in March 2003 after Barrick had consulted with the EPA and DIPNR (DLWC). Groundwater monitoring has been generally in accordance with the EPL. Permanent groundwater monitoring locations in areas that will be disturbed by development of the mine infrastructure will be installed as soon as construction is complete. Other groundwater monitoring locations have been installed prior to commencement of construction. The positions were approved by the Director General in March 2003 after Barrick had consulted with the EPA and DIPNR (DLWC). June 2006 Groundwater monitoring has continued at following bores within the project area: P318, P320, P322, P330, P331 P412A, P412B and P412A-R, P414A and 414B P416A and P416B, P418A and 418B P555A, P555B and P555A-R, P558 and P558A-R P561A and P561B PDB1, PDB2, PDB3, PDB4 and PDB5 RA341 and RA342

	(ii) The Applicant shall prepare a detailed monitoring program in respect of ground and surface water, including water in the up catchment diversion system, internal catchment drainage system, dewatering bores, Bland Creek Palaeochannel borefield and water supply pipeline from borefield, pit/void, Lake Cowal, and any other waters in and around the mine site, during construction works, mine operations and post mine operations in consultation with DLWC, EPA, NSW Fisheries and to the satisfaction of the Director-General . The monitoring program during construction works shall be prepared prior to commencement of construction. The monitoring program during mine operation shall be prepared prior to commencement of mine operation. The monitoring program post mine operations shall be prepared by year 7 of mine operations.	Surface Water, Groundwater, Meteorological and Biological Monitoring Program – Construction Phase, Dec 2003 • Letter from DMR Ref L03/0324 re Draft Surface Water, Groundwater, Meteorological and Biological Monitoring Program, 13 Oct 2003 • Letter from BSC re Draft Surface Water, Groundwater, Meteorological and Biological Monitoring Program, 17 Dec 2003 • Letter from DIPNR re Surface /Groundwater, Meteorological and Biological Monitoring Program, 10 Dec 2003 Surface Water, Groundwater, Meteorological and Biological Monitoring Program – Mining Operation Phase, April 2005 Letter to DIPNR re Revised SWGMBMP, 20 April 2005 Letter to BSC re Revised SWGMBMP, 10 March 2005	Yes	July 2004 A surface and ground water monitoring program for construction works was prepared by Barrick, approved by the Director General in December 2003 and placed on display at Bland Shire Council on 17 December 2003. Monitoring of the water quality in D1 and D4 storages will begin when construction is complete and storage occurs. January 2005 The storage ponds have been constructed, but there have not been any significant rains and no monitoring of water quality monitoring of the ponds conducted. June 2005 The revised Surface Water, Groundwater, Meteorological and Biological Monitoring Program - Mining Operations Phase prepared and submitted to DIPNR in April 2005, supercedes the construction phase Surface Water, Groundwater, Meteorological and Biological Monitoring Program. This revised monitoring programme was approved by DIPNR on 20 April 2005. December 2005 Construction of pond D5 pond adjacent to the process plant and the crusher area has been completed. June 2006 Construction of the water management ponds has been completed.
	(iii) The monitoring program will include the development of adequate chemical and ongoing baseline biological monitoring in the waters of Lake Cowal, when water is present, by suitably qualified and experienced staff or consultants to the satisfaction of the DLWC and EPA, and in the case of biological monitoring NSW Fisheries. DLWC and EPA must be satisfied as to sampling design, including sample locations, sample frequency, sample handling, transport and analysis, sampling parameters and reporting of analysis results.	Surface Water, Groundwater, Meteorological and Biological Monitoring Program – Construction Phase, Sections 4.3.5, 4.3.6, 4.3.7, 7.3.6, 7.3.7 and 11.	Yes	July 2004 The monitoring program was approved by the Director-General in Dec 2003. January 2005 Groundwater monitoring has been conducted in accordance with the monitoring program. Results will be reported in the AEMR. December 2005 Water monitoring of Lake Cowal will be conducted if the water present in the lake is at or above 204.5m AHD. June 2006 No surface water present in Lake Cowal. Water monitoring of Lake Cowal will be conducted if the water present in the lake is at or above 204.5m AHD.

	(iv) The results and interpretation of surface and ground water monitoring (including biological monitoring) are to be provided by the Applicant in an approved form to the DLWC, EPA and NSW Fisheries on a three monthly basis during construction and the first 12 months of ore processing operations and thereafter on an annual basis, unless otherwise agreed by the Director-General. The results are also to be contained and analysed in the AEMR (Condition 9.2(a)).	• Letter from DIPNR re Condition 8.2(iv) – Monitoring – extension of dates for reporting • Letter to DEC, DIPNR and DPI – Submission of Monitoring results May to July 2004, 7 Oct 2004 • Letters to DEC, DIPNR and DPI re Monitoring Reports, April 2005 • Letters to DEC, DIPNR and DPI re Monitoring Reports, 22 June 2005 • Monitoring Data Reports to DEC, DIPNR and DPI - June and September 2005 • Monitoring Data Reports to DEC, DoP and DPI - October to December 2005 • Monitoring Data Reports to DEC, DoP and DPI - January to March 2006	Yes	July 2004 DIPNR agreed to the first reporting of monitoring period to be 1 May to 31 July 2004 given the low level of site activity in early 2004. January 2005 The first quarterly report of monitoring results for 1 May to 31 July 2004 was submitted to DEC (EPA), DIPNR (LWC) and DPI (Fisheries) on 7 Oct 2004 in accordance with the condition. Quarterly report for August 2004 to October 2004 provided to DEC, DIPNR and DPI. June 2005 Quarterly Reports have been provided to the DEC, DIPNR and DPI in accordance with MCoA, for November to Dec 2004, (included as part of AEMR) and Jan to March 2005. December 2005 Quarterly Reports have been provided to the DEC, DoP and DPI in accordance with MCoA, for July to November 2005. June 2006 The quarterly Report has been provided to the DEC, DoP and DPI in accordance with MCoA, for Dec to March 2006.
	(v) the Applicant shall prior to commencement of construction works prepare in consultation with DLWC and DMR and to the satisfaction of the Director-General, a monitoring program for the detection of any movement of the Lake protection bund, water storage and tailings structures and pit/void walls during the life of the mine, with particular emphasis on monitoring after any seismic events.	Monitoring Program for the Detection of any Movement of the Lake Protection Bund, Water Storage and Tailings Structures and Pit/Void Walls, Dec 200	Yes	July 2004 A monitoring program for the detection of any movement in the lake protection bund, water storage and tailings structures and pit/void walls was prepared by Barrick, approved by the Director General on 9 October 2003 and placed on display at Bland Shire Council on 16 Oct 2003. January 2005 Monitoring points in the Lake Protection Bund have been installed in accordance with the program. Monitoring points for the other structures will be installed when the construction works are complete. December 2005 The monitoring bores and monuments have been installed in the lake protection bund and monitoring is being conducted. June 2006 The bores and monuments in the lake protection bund have been monitored during January to June 2006.

	(b) Cyanide monitoring The Applicant shall prior to any tailings disposal prepare a cyanide monitoring program in consultation with the EPA and DMR, and to the satisfaction of the Director-General. The plan shall include, but not be limited to, provision for:	• Letter to DoP re Submission of Cyanide Management Plan, 7 Dec 2005 • Letter from DoP re Approval of the Cyanide Management Plan, 9 Jan 2006 • Cyanide Management Plan 2005	Yes	January 2005 The Cyanide Monitoring Program will be prepared prior to ore processing commencing. The ore processing plant is planned for commissioning in 4th quarter 2005. December 2005 The ore processing plant is now planned for commissioning in 1st quarter 2006. The Cyanide Monitoring Program was prepared as part of the Cyanide Management Plan and submitted to the DoP in Dec 2005. June 2006 The Cyanide Monitoring Program was submitted to the DoP in Dec 2005 as part of the Cyanide Management Plan. The Plan was approved by DoP in January 2006.
	(i) monitoring of CN_{WAD} levels of the aqueous component of the tailings slurry stream at the discharge point to tailings dams twice daily or as otherwise directed by the Director-General, with any increases above 20mg CN_{WAD}/L to be assessed daily and reported monthly to the DMR and EPA, unless otherwise agreed by the Director-General. If the CN_{WAD} levels of 30mg/L are exceeded in the liquid at any time, discharge to the tailings dams shall cease until CN_{WAD} levels can be achieved below the levels stated in condition 5.3(a) and such exceedence shall be reported to the EPA within 24 hrs;	Process Plant Cyanide Monitoring Reports and Data, Barrick Cyanide Management Plan, section 6.2	Yes	January 2005 The monitoring of cyanide levels in the tailings slurry stream will commence when the ore processing plant is commissioned in 4th quarter 2005. December 2005 The ore processing plant is planned for commissioning in 1st quarter 2006. Monitoring will commence when discharge of the slurry stream commences to the TSF. June 2006 Monitoring of the discharge to the tailings storage facility has been conducted twice daily since the commencement of discharge of tailings to the southern tailings facility in May 2006. There have been two results that were in excess of the 20mg CN_{WAD}/L during the commissioning of the process plant. These results are to be reported to the DMR and EPA in a monthly report. No CN_{WAD} results exceeded the 30mg CN_{WAD}/L.
	(ii) monitoring CN_{WAD} levels in the decant water of the tailings dams twice daily or as otherwise directed by the Director-General;	Process Plant Cyanide Monitoring Data, Barrick Cyanide Management Plan, section 6.2	Yes	June 2006 Use of decant water in the process plant began on 20 June 2006. Monitoring of the decant water quality was planned to occur twice daily at the same time as the tailings discharge samples and the samples analysed at the on-site laboratory and SGS Laboratory in West Wyalong.

	(iii) an on site laboratory for quickly establishing CN_{WAD} levels in the liquid at the discharge point to tailings dams and in the decant ponds for monitoring purposes;	Cyanide Management Plan, section 6.2.3.1	Yes	June 2006 The on-site laboratory has been established and has the capability for analysing the tailings discharge and decant water samples for CN_{WAD} using a distillation method and the picric acid spectrophotometric method. Results are available within 4 hours of collection. Verification analysis is conducted by SGS Laboratory in West Wyalong with the results also available on the same day.
	(iv) on-line monitoring of CN(FREE) at locations where employees are operating;	Cyanide Management Plan, section 6.3	Yes	June 2006 Free cyanide monitoring within the process plant area is conducted as part of the daily workplace monitoring program and is outlined in section 6.3 of the Cyanide Management Plan.
	(v) establishing a monitoring regime for detection of cyanide movement beneath and adjacent to the tailings impoundments.	Cyanide Management Plan, section 6.4	Yes	June 2006 .Section 6.4 of the Cyanide Management Plan describes the quarterly groundwater monitoring program designed to detect cyanide movement beneath and adjacent to the tailings storage facilities.
	A summary of the cyanide monitoring results shall be provided to the Director-General, EPA and DMR on a three monthly basis, unless otherwise agreed by the Director-General. All results shall be included in the AEMR.	Annual Environmental Management Report 10 March 2005	Yes	June 2006 The reporting of the cyanide monitoring will occur on a quarterly basis. Monitoring started in May 2006 following commencement of the process plant use of cyanide. Results in excess of 20mg CN_{WAD} /L will reported to the DMR and EPA monthly, if they occur.
8.3	***Air Quality and Dust***			
	The Applicant shall: (a) undertake monitoring at locations described in the dust management plan (condition 6.1);	Dust Management Plan Sep 2003	Yes	July 2004 Dust deposition gauges have been installed at the location identified in the Dust Management Plan. A high volume sampler has been installed at the nearest residence (sensitive receptor) and operates on a 6 day cycle for TSP.

	(b) monitor dust deposition rates and concentrations of total suspended particulates (TSP) for the life of the mine, including monitoring impacts of dust on any surface water within the high water mark of Lake Cowal; and	Dust Management Plan Sep 2003 2005 Annual Environmental Management Report, submitted 23 March 2006	Yes	July 2004 Dust deposition monitoring has been implemented in accordance with the Dust Management Plan. Dust deposition and TSP monitoring related to Lake Cowal waters have not been activated as the lake has been dry since the commencement of construction in January 2004. January 2005 Dust monitoring has continued. December 2005 Dust monitoring has continued and the results reported in the AEMR. June 2006 Dust deposition monitoring at six sites and PM10 monitoring at the locations specified in the EPL condition P1.1 has continued.
	(c) provide all results and analysis of air quality monitoring in the AEMR including a determination of the dust deposition rate in gm/m^2/month, which shall be plotted in the AEMR.	Annual Environmental Management Report 10 March 2005 2005 Annual Environmental Management Report submitted 23 March 2006	Yes	January 2005 The dust monitoring results will be presented in the AEMR. June 2005 The dust monitoring results were presented in the AEMR submitted on 10 March 2005. June 2006 The dust monitoring results were presented in the 2005 AEMR submitted on 23 March 2006.
8.4	***Noise and Blasting***			
8.4(a)	***Noise Investigations and Management***			
	The Applicant shall: (i) prior to mining operations develop a plan to conduct noise investigations at six monthly intervals (unless otherwise agreed by the Director-General) to evaluate, assess and report the LA_{10} (15 minute) noise emission levels due to normal operations of the mine under prevailing weather conditions, except during rain and/or wind speeds greater than 3m/s and/or temperature inversions. The methodologies, including establishing the mine's operating configuration, determining survey intervals, weather conditions, seasonal variations, selecting variations, selecting locations, periods and times of measurements, design of any noise modelling or other studies, including the means for determining the noise levels emitted by the mining operations, shall be in accordance with the requirements of the EPA;	• Letter from EPA re Draft Noise Management Plan 7 Nov 2003 • Letter to DEC re Noise Management Plan, 1 Oct 2004 • Letter from DEC re Noise Management Plan consultation, 11 Oct 2004 ▪ Letter from DIPNR re Noise Management Plan prepared to the satisfaction of the Director-General, 11 Nov 2004 ▪ Mine Operations Noise Monitoring Report, Heggies Australia, May 2006	Yes	January 2005 The noise monitoring investigations to evaluate noise emissions during normal operations of the mine will commence when the mine becomes operational. June 2005 The mine operations commenced in April 2005 with the removal of topsoil and overburden material. December 2005 Noise monitoring has been conducted of the site activities and at nearby sensitive receivers by Heggies in 2005. The noise monitoring will be continued in accordance with the Noise Management Plan.

				June 2006 Noise monitoring was conducted for the site activities and at nearby sensitive receivers by Heggies in February 2006 in accordance with the Noise Management Plan.
	(ii) if required from condition 8.4(a)(i) or if wildlife is significantly impacted as identified by monitoring actions undertaken in accordance with condition 3.4(a), survey and investigate noise reduction measures from plant and equipment at the conclusion of the first 12 months of ore processing operations in consultation with NPWS or as directed by the EPA; and		Yes	December 2005 Monitoring of wildlife was conducted during the mining and blasting activities by Diatoma (University of Adelaide) between July and November 2005. No demonstrable disturbance of wildlife was reported.
	(iii) arrange independent noise emission investigations as provided in Condition 11.1.		N/A	
	A summary of noise monitoring results shall be included in the AEMR.	Annual Environmental Management Report 10 March 2005	Yes	June 2005 The noise monitoring results for January to December 2004 were presented in the AEMR submitted in March 2005.
8.4(b)	***Blasting***			
	The Applicant shall: (i) ensure that air blast overpressure and vibration monitoring and control is generally carried out in accordance with the recommendations of Australian Standard AS-2187-1993 or its latest version, and in terms of ANZECC guidelines, including compliance with the guideline titled "Technical Basis for Guidelines to Minimise Annoyance due to Blasting Overpressure and Vibration" or its latest version, to the satisfaction of the EPA;	Blast Management Plan Sep 2003 2005 Annual Environmental Management Report 23 March 2006	Yes	January 2005 No blasting had occurred during the project establishment activities up to January 2005. December 2005 Blasting occurred between September and December 2005 and was carried out generally in accordance with the standards, guidelines and Blast Management Plan. The overpressure and vibration monitors were not triggered by the blasts conducted. June 2006 No blasts have exceeded 115dBL overpressure or resulted in vibration that has triggered the monitors, during the January to June 2006 period.

	(ii) design all blasts based on the results of monitored blasts designed to minimise air blast overpressure and ground vibration using the Nonel or equivalent system such that any one (1) blast has less than a five per cent (5%) probability of exceeding an air blast overpressure of 115dB (Peak Linear) and vibration with a peak particle velocity of 5mm/sec at the closest dwellings not owned by the Applicant outside the DA area, and bird breeding/roosting areas determined by the Applicant, in consultation with NPWS;	Mining Department – Blast File data	Yes	January 2005 No blasting had occurred during the project establishment activities up to January 2005. December 2005 No exceedances were recorded, and all blasts are designed to address the requirements of the condition. June 2006 Blast design has been small and has not caused an impact on dwellings or bird breeding/roosting areas. No blasts have exceeded 115dBL overpressure or resulted in vibration that has triggered the monitors.
	(iii) determine appropriate weather data by taking measurements as soon as practicable prior to blasting and from the data shall predict whether air blast overpressure levels outside the project area are likely to be increased above the levels expected under prevailing weather conditions. The data shall be recorded by the Applicant as part of its monitoring data;		Yes	July 2004 Meteorological station has been installed in the permanent location on the mine lease and results are available continuously on the mine site computer system. December 2005 Meteorological conditions at the time of blasting are taken into account using the on site meteorological station data to address the requirements of this condition. June 2006 Blast events have been delayed if lightning strikes are present within a 50km radius of the mine site. Meteorological data from the on site station has not been used to delay blast events.
	(iv) not blast if the predictions in sub-clause (iii) herein indicate that air blast overpressure levels are likely to be exceeded at dwellings not owned by the Applicant;		Yes	January 2005 No blasting had occurred during the project establishment activities up to January 2005. December 2005 It was reported that the requirements of condition 8.4(b)(iii) are considered prior to each blast event. June 2006 Blast events were delayed if lightning strikes or weather conditions were considered a safety hazard within a 50km radius of the mine site. Inversion effects have caused a delay to blast events.

	(v) monitor all blasts and record the overpressure and peak particle velocity at locations to be agreed by EPA/DMR;	Blast Management Plan Section 5	Yes	January 2005 No blasting had occurred during the project establishment activities up to January 2005. December 2005 Monitoring of all blasts has occurred at the monitoring locations approved in the Blast Management Plan by the EPA/DMR. June 2006 Monitoring of the 20 blasts between January and June 2006 has occurred at the monitoring locations approved in the Blast Management Plan by the EPA/DMR.
	A summary of blast monitoring results shall be included in the AEMR.	Annual Environmental Management Report 10 March 2005 2005 Annual Environmental Management Report, submitted 23 March 2006	Yes	January 2005 No blasting had occurred during the project establishment activities up to January 2005. December 2005 The blast monitoring results will be reported in the AEMR prepared for January to December 2005. June 2006 All blast monitoring results were reported in the 2005 AEMR.
8.5	***Fauna and Flora Monitoring***			
	The Applicant shall monitor the effectiveness of measures outlined in the fauna management plan and Threatened Species Protocol (condition 3.4). A summary of monitoring results shall be included in the AEMR.	Flora and Fauna Management Plan Oct 2003 Implementation of the Threatened Species Management Plan Oct 2003 Annual Environmental Management Report 10 March 2005 2005 Annual Environmental Management Report, submitted 23 March 2006 Vegetation Clearance Protocol Implementation Report, Resource Strategies, Sep 2005	Yes	June 2005 The management of flora and fauna under the Fauna Management Plan and the Threatened Species Protocol during January and December 2004 were reported in the AEMR submitted on 10 March 2005. December 2005 The measures for management of flora and fauna under the Fauna Management Plan and the Threatened Species Protocol will be reported in the AEMR prepared for January to December 2005. June 2006 The management of flora and fauna under the Flora and Fauna Management Plan and the Threatened Species Protocol during January and December 2005 were reported in the 2005 AEMR. Vegetation clearance activities, weed and pest management and flora monitoring were undertaken in accordance with the FFMP.

8.6	***Cultural Heritage Monitoring***			
	The Applicant shall monitor the effectiveness of measures outlined in the archaeology and heritage management plan (condition 3.3). A summary of monitoring results shall be included in the AEMR.	Indigenous Archaeology and Cultural Heritage Management Plan Annual Environmental Management Report 10 March 2005 2005 Annual Environmental Management Report, submitted 23 March 2006	Yes	June 2005 The management of aboriginal and European heritage items during January and December 2004 were reported in the AEMR submitted on 10 March 2005. December 2005 The measures for management of archaeological and heritage items will be reported in the AEMR prepared for January to December 2005. June 2006 The management of aboriginal and European heritage items during 2005 were reported in the AEMR submitted on 23 March 2006. Management occurring between January and June 2006 was discussed with the Barrick Environmental staff. No non-compliance issues were reported in the 2005 AEMR.
8.7	***Community Consultative Committee***			
	Community Environmental Monitoring and Consultative Committee (CEMCC)			
	The Applicant shall: (i) establish a Community Environmental Monitoring and Consultative Committee and ensure that the first meeting is held before the commencement of construction works. Selection of representatives shall be agreed by the Director-General and the appointment of an independent Chairperson shall be to the satisfaction of the Director-General in consultation with the Applicant and BSC. The Committee shall comprise two (2) representatives of the Applicant (including the Environmental Officer), one (1) representative of BSC, one (1) representative of the Lake Cowal Environmental Trust (but not a Trust representative of the Applicant), four community representatives (including one member of the Lake Cowal Landholders Association), to monitor compliance with conditions of this consent and other matters relevant to the operation of the mine during the term of the consent. Representatives from relevant government agencies (including DUAP) may be invited to attend meetings as required by the Chairperson. The Committee may make comments and recommendations about the implementation of the development and environmental management plans. The Applicant shall ensure that the Committee has access to the necessary plans for such purposes. The Applicant shall consider the recommendations and comments of the Committee and provide	• Letter from BSC re Delegate to the CEMCC, 8 April 2004 • Charter of the CEMCC • CEMCC Minutes 15 Oct 2003 • CEMCC Minutes 18 Feb 2004 • CEMCC Minutes 2 June 2004 • CEMCC Minutes 1 Sept 2004 • CEMCC Minutes 1 Dec 2004 • CEMCC Minutes 2 March 2005 • CEMCC Minutes 1 June 2005 • CEMCC Minutes 7 Sep 2005 • CEMCC Minutes 7 Dec 2005 • CEMCC Minutes 2 March 2006 • CEMCC Minutes 7 June 2006	Yes	July 2004 A community environmental monitoring and consultative committee (CEMCC) was established and the inaugural meeting of the CEMCC occurred on 15 Oct 2003. The meeting minutes were made available at Bland Shire Council for inspection on 29 October 2003. Meetings of the CEMCC have been held on 15 Oct 2003 (prior to commencement of construction), Feb 2004 and June 2004. Cr D I Bolte elected as the BSC delegate to the CEMCC in April 2004. January 2005 Meetings of the CEMCC were held in September and December 2004. June 2005 Quarterly CEMCC meeting held in March and June 2005. December 2005 Quarterly meetings held in September and December 2005 June 2006 Quarterly CEMCC meetings were held in March and June 2006.

	a response to the Committee and Director-General.			
	(ii) The Applicant shall, at its own expense: a) nominate two (2) representatives to attend all meetings of the Committee; b) provide to the Committee regular information on the progress of work and monitoring results; c) promptly provide to the Committee such other information as the Chair of the Committee may reasonably request concerning the environmental performance of the development; d) provide access for site inspections by the Committee; e) provide meeting facilities for the Committee, and take minutes of Committee meetings. These minutes shall be available for public inspection at BSC within 14 days of the meeting.		Yes	<u>January 2004 – June 2006</u> Barrick have two representatives attend each CEMCC Meeting and provide information to the Chairperson and the Committee on the development of the CGP. Minutes of the meetings are provided to the Committee members and are made available for public inspection at the BSC library.
	(iii) The Applicant shall establish a trust fund to be managed by the Chair of the Committee to facilitate the functioning of the Committee, and pay $2000 per annum to the fund for the duration of gold processing operations. The annual payment shall be indexed according to the Consumer Price Index (CPI) at the time of payment. The first payment shall be made by the date of the first Committee meeting. The Applicant shall also contribute to the Trust Fund reasonable funds for payment of the independent Chairperson, to the satisfaction of the Director-General.	• Letter from BSC re CEMCC, 22 Oct 2003	Yes	<u>July 2004</u> Barrick has paid $2000 to Bland Shire Council to be held in trust for the purpose of the CEMCC. BSC acknowledged receipt of $2000 on 15 Oct 2003 to be held in trust for the purposes of the CEMCC and provided a letter to Barrick on 22 Oct 2003. <u>January 2005</u> Barrick paid the $2000 for the CEMCC on 18 October 2004. <u>December 2005</u> Barrick paid $2092.70 (i.e. $2000 plus CPI) into the Trust Fund for the CEMCC on 12 October 2005.
	(ix) By year 5 of mining operations the Applicant shall, in consultation with CEMCC, identify and discuss post mining issues, particularly in relation to reduced employment and consequent impacts on West Wyalong, and develop a plan for the phase out of the mine workforce. The plan will be reviewed during the year of mining operations following the scale down of the year 8 mining operation workforce. The impacts of the year 8 scale down shall be monitored by the Applicant and results used in planning for full mine closure.		N/A	

	(x) The Applicant shall, in consultation with the CEMCC, develop appropriate strategies to support activities which promote special interest tourism related to the co-existence of mining and the Lake Cowal environment.		Yes	December 2005 Barrick have supported the Lake Cowal Foundation and preparation of a brochure highlighting the activities of the Foundation in conservation, sustainable farming, education and research project for the area. The Cowal Gold Project Information Centre in West Wyalong provides the community and visitors an overview of the project and the Lake Cowal environment, and Cowal Update News is distributed to neighbours, communities and stakeholder groups.
8.8	***Third Party Monitoring/Auditing***			
	(a) An Independent Environmental Audit shall be completed: • six monthly during construction; • 12 months after commencement of ore processing; • then every three years thereafter until decommissioning of the mine and ore processing operations respectively, or as otherwise directed by the Director-General.	• Independent Environmental Audit, Trevor Brown & Associates, 27 Aug 2004 • Independent Environmental Audit, Trevor Brown & Associates, February 2005 • Independent Environmental Audit, Trevor Brown & Associates, 14 July 2005	Yes	July 2004 An independent environmental audit was conducted for the first six months of construction activities at the Cowal Gold Project. The report was submitted to Barrick on 27 August 2004. January 2005 Second independent environmental audit conducted 17 to 21 January 2004. June 2005 Third Independent Compliance Audit conducted on 27 June to 1 July 2005. December 2005 Fourth Independent Environmental Audit conducted 12-16 December 2005. June 2006 Fifth Independent Environmental Audit conducted 19-23 June 2006.

	The Applicant shall conduct an environmental audit of the mining and infrastructure areas of the development in accordance with ISO 14010 - Guidelines and General Principles for Environmental Auditing, and ISO 14011 - Procedures for Environmental Auditing (or the current versions), and in accordance with any specifications required by the Director-General. Copies of the report shall be submitted by the Applicant to the Director-General, BSC, EPA, DLWC, DMR, NPWS and CEMCC within two weeks of the report's completion for comment.	AS14010 and 14011. • Letter to BSC – Submission of Independent Environmental Audit, 6 Sep 2004 • Letter to DIPNR/DPI – Submission of Independent Environmental Audit, 9 Sep 2004 • Letter from DIPNR – Acceptance of Independent Environmental Audit, 23 Sep 2004 • Letter from DPI re satisfied of compliance of Independent Compliance Audit with requirements of ML conditions, 17 Sep 2004 • Letter to DEC/DPI/BSC/CEMCC/ NPWS/DSC and NSW Fisheries re Submission of Independent Compliance Audit, 10 March 2005 • Letter to DEC/DPI/BSC/CEMCC/ NPWS/DSC and NSW Fisheries re Submission of Independent Compliance Audit, 17 August 2005 • Letter to DEC/DPI/BSC/CEMCC/ NPWS/DSC and NSW Fisheries re Submission of Independent Compliance Audit, 31 Jan 2006 • 2005 Annual Environmental Management Report, March 2006	Yes	January 2005 A copy of the Independent Environmental Audit conducted in July 2004 was submitted to the Director-General, BSC, DEC (EPA and NPWS), DLWC, DPI (Minerals), and CEMCC. June 2005 A copy of the Independent Environmental Audit conducted in January 2005 was submitted to the Director-General, BSC, DEC (EPA and NPWS), DLWC, DPI (Minerals), and CEMCC in March 2005 as an appendix to the AEMR. December 2005 A copy of the Independent Environmental Audit conducted in June/July 2005 was submitted to the Director-General, BSC, DEC (EPA and NPWS), DLWC, DPI (Minerals), and CEMCC in August 2005. June 2006 A copy of the Independent Environmental Audit conducted in December 2005 was submitted to the Director-General, BSC, DEC (EPA and NPWS), DLWC, DPI (Minerals), and CEMCC in January 2006. A copy of the Independent Environmental Audits conducted in January and December 2005 were appended to the 2005 AEMR.

	(i) The audit shall: a. assess compliance with the requirements of this consent, licences and approvals; b. in the event of any non-compliance, report on the effectiveness of the environmental management of the mine as it may relate to the area of non-compliance; c. be carried out at the Applicant's expense; and d. be conducted by a duly qualified independent person or team approved by the Director-General in consultation with BSC and CEMCC.	• Letter from Barrick to DIPNR re Independent Audit, 8 June 2004 • Letter from DIPNR re Independent Audit 15 Jun 2004 • Letter Barrick to DoP re Independent Environmental Audit Report, 17 August 2005 • Letter from Barrick to DoP re Independent Environmental Audit Report, 31 January 2006	Yes	July 2004 Consultation was held with the CEMCC and BSC in relation to the acceptance of the nominated auditors Trevor Brown and Bob Drury, for the independent audit. January 2005 Consultation was held with the CEMCC and BSC in relation to the acceptance of the nominated auditors Trevor Brown and Bob Drury, for the independent audit. July 2005 Consultation was held with the CEMCC and BSC in relation to the acceptance of the nominated auditors Trevor Brown and Bob Drury, for the independent audit.
	(ii) The Director-General may, after considering any submission made by the relevant government agencies, BSC and CEMCC on the report, notify the Applicant of any requirements with regard to any recommendations in the report. The Applicant shall comply with those reasonable requirements within such time as the Director-General may require.		Noted	
	(b) Independent Monitoring Panel			
	(i) The Applicant shall at its own cost establish an Independent Monitoring Panel prior to commencement of construction. The Applicant shall contribute $30,000 per annum for the functioning of the Panel, unless otherwise agreed by the Director-General. The annual payment shall be indexed according to the Consumer Price Index (CPI) at the time of payment. The first payment shall be paid by the date of commencement of construction and annually thereafter. Selection of the Panel representatives shall be agreed by the Director-General in consultation with relevant government agencies and the CEMCC. The Panel shall at least comprise two duly qualified independent environmental scientists and a representative of the Director-General.	• Letter from DIPNR re Nominations for the IMP, 15 Oct 2003	Yes	July 2004 An independent monitoring panel has been established by Barrick with two independent environmental scientists on the panel nominated by the Director-General after consultation with relevant Government agencies/CEMCC. Nominated members for the IMP are: Mr Allen Kearns Deputy CSIRO Sustainable Ecosystems Prof. Clive Bell, Executive Director Australian Centre for Mining Environmental Research. Barrick deposited $30,000 into a special account on 20 November 2003 for the functioning of the panel [Citibank – branch No 102, account No 336449049.] December 2005 Barrick deposited $31,390.45 into the Independent Panel Monitoring Trust Account on 11 Sept 2005. June 2006 The 2005 IMP report has been prepared and is awaiting comment from the Department of Planning representative on the Panel, prior to finalisation.

	(ii) The panel shall: a. provide an overview of the independent audits required by condition 8.9 above; b. regularly review all environmental monitoring procedures undertaken by the Applicant, and monitoring results; and c. provide an Annual State of the Environment Report for Lake Cowal with particular reference to the on-going interaction between the mine and the Lake and any requirements of the Director-General. The first report shall be prepared one year after commencement of construction. The report shall be prepared annually thereafter unless otherwise directed by the Director-General. Copies of the report shall be provided to those parties which receive the AEMR (condition 9.2) and shall be made publicly available at Bland Shire Council within two weeks of the report's completion.	Letter to DIPNR re Submission of First Independent Monitoring Panel Report, 22 March 2005 Letter to DEC re Submission of First Independent Monitoring Panel Report, 22 March 2005 Letter to CEMCC re Submission of First Independent Monitoring Panel Report, 22 March 2005 Letter to Dam Safety Committee re Submission of First Independent Monitoring Panel Report, 22 March 2005 Letter to Bland Shire Council re Submission of First Independent Monitoring Panel Report, 22 March 2005 Letter to DPI re Submission of First Independent Monitoring Panel Report, 22 March 2005	Noted	January 2005 Alan Kearns was briefed on the Cowal Gold IMP on 22 November 2004, and a meeting with C.Bell occurred on site 15 December 2004. The Annual State of the Environment Report for Lake Cowal will be submitted in 1st quarter 2005. June 2005 The Independent Monitoring Panel Report was submitted by A Kearns and C Bell in March 2005 and the report was submitted to the government authorities on 22 March 2005. December 2005 Barrick paid $31,390.45 into the Independent Monitoring Panel Trust Fund on 11 Sept 2005. June 2006 The Independent Monitoring Panel Report was submitted by A Kearns and C Bell to the Department of Planning representative on the IMP for comment, in March 2006.
9	**REPORTING**			
9.1	***Reports on Operations***			
	The Applicant shall report on mine operations in accordance with the mine operations plan (condition 2.1).	Initial Mine Operations Plan – Cowal Gold Project March 2004 Cowal Gold Project 2005-2007 Mining Operations Plan, March 2005 Letter from DMR re Mining Operations Plan – meets the Department's requirements, 18 Mar 2005 Letter to DPI re Submission of two hard copies of Cowal Gold Project Mining Operations Plan, 22 March 2005	Noted	January 2005 The Mine Operations Plan until June 2007 will be prepared for submission to DPI (Minerals) in 1st quarter 2005. Prestrip of the mine is planned to commence in 2nd quarter 2005. June 2005 The Mining Operations Plan 2005-2007 was prepared and submitted to DPI in March 2005. The Mining Operations Plan was accepted by DPI. December 2005 The mine operations were being conducted in accordance with the MoP. June 2006 The mine operations continue to be conducted in accordance with the MoP.

9.2	***Environmental Reporting***			
	Annual Environmental Management Report (AEMR)		Yes	
	(i) The Applicant shall, throughout the life of the mine and for a period of at least five years after the completion of ore processing operations, prepare and submit an Annual Environmental Management Report (AEMR) to the Director-General. The AEMR shall review the performance of the mine against the environmental management plans (refer condition 3.2), Mining Operations Plan (refer condition 2.1), the conditions of this consent, and other licences and approvals relating to the mine. To enable ready comparison with EIS predictions, diagrams and tables, the report shall include, but not be limited to, the following matters:	Meeting Agenda 31 March 2004 Annual Environmental Management Report Meeting Letter from DIPNR re Amended Submission Date for AEMR, 6 Dec 2004 2005 Annual Environmental Management Report, submitted 23 March 2006		July 2004 A meeting was held with of the Mining, Rehabilitation and Environmental Management Process Committee (MREMP) on 31 March 2004 to discuss the Annual Environmental Management Report. The participants included DMR, EPA, DLWC, Councils, Dam Safety Committee representatives, National Parks and Lands representatives. January 2005 The AEMR is being prepared for submission to the Director-General in early 2005. June 2005 The AEMR was prepared and submitted to in March 2005. December 2005 The AEMR is being prepared for submission to the Director-General in early 2006. June 2006 The 2005 AEMR was prepared and submitted to the Director-General on 23 March 2006.
	a) an annual compliance audit of the performance of the project against conditions of this consent and statutory approvals; b) a review of the effectiveness of the environmental management of the mine in terms of EPA, DLWC, DMR, NPWS, NSW Fisheries, and BSC requirements; c) results of all environmental monitoring required under this consent or other approvals, which includes interpretation and discussion by a suitably qualified person; d) from results of fauna monitoring, records of any fauna deaths due to mine operations; e) a listing of any variations obtained to approvals applicable to the subject area during the previous year; f) the outcome of the water budget for the year and the quantity of water used from water storages and Bland Creek palaeochannel borefield; g) rehabilitation report; h) environmental management targets and strategies for the next year.	Annual Environmental Management Report 2003-2004 2005 Annual Environmental Management Report, submitted 23 March 2006	Yes	January 2005 The first AEMR will be prepared for the January to December 2004 period in accordance with the requirements of this condition. The AEMR is due for submission in early 2005. June 2005 The AEMR 2003-2004 was submitted to the relevant authorities in March 2005. Barrick provided a presentation to the authorities on the AEMR in March 2005. The AEMR addressed all the components of MCoA 9.2(i)(a)-(h). December 2005 The AEMR for January to December 2005 is being prepared for submission in 1st quarter 2006. June 2006 The 2005 AEMR addressed all the components of MCoA 9.2(i)(a)-(h).

	(ii) In preparing the AEMR, the Applicant shall: a) consult with the Director-General during preparation of each report for any additional requirements; b) comply with any requirements of the Director-General or other relevant government agency; and c) ensure that the first report is completed and submitted within twelve (12) months of this consent, or at a date determined by the Director-General in consultation with DMR.	Letter to DPI - Copy of DIPNR letter (6 December 2004) approving variation of reporting period for AEMR, 17 Dec 2004	Noted	
	(iii) The Applicant shall ensure that copies of each AEMR are submitted at the same time to the Director-General, EPA, DLWC, DMR, DSC, NPWS, NSW Fisheries, the BSC and CEMCC, and be available for public information at the BSC within 14 days of submission to these authorities.	Letter to DEC/DPI/BSC/NPWS/DSC/ CEMCC/NSW Fisheries re Submission of AEMR, 10 Mar 2005 Letter from DPI re AEMR approval, 15 June 2005. Letters to DNR, DEC (EPA and NPWS), DPI (Mineral and Petroleum and Fisheries), Dam Safety Committee, BSC, CEMCC re AEMR, 23 March 2006	Yes	June 2005 The first AEMR was submitted to each of the authorities on 10 March 2005. June 2006 The 2003-2004 AEMR was submitted to the authorities listed in MCoA 9.3(iii) on 23 March 2005. Barrick provided a presentation to the authorities on the 2005 AEMR in June 2006.
10	**COMMUNITY CONSULTATION/OBLIGATIONS**			
10.1	***Community Consultation (including Aboriginal community)***			
	(a) Complaints The Environmental Officer (refer condition 3.1) shall be responsible: (i) for receiving complaints with respect to construction works and mine operations on a dedicated and publicly advertised telephone line, 24 hours per day 7 days per week, entering complaints or comments in an up to date log book, and ensuring that a response is provided to the complainant within 24 hours; and (ii) providing a report of complaints received every six months throughout the life of the project to the Director-General, BSC, EPA, DMR, and CEMCC, or as otherwise agreed by the Director-General. A summary of this report shall be included in the AEMR (condition 9.2(a)).	• Letter to DIPNR/DEC/DPI/BSC re Submission of Complaints Register, 12 Jul 2004 • Community Complaints Report Jul 2004 to Jan 2005 • Letters to BSC, DPI, DEC, DIPNR, and CEMCC re Complaints Register 14 Jan 2005 • Letter to DoP/DEC/DPI/CEMCC and BSC re Complaints Register 13 January to 12 July 2005. • Complaints Register 27 June to 12 Jan 2006. • Letter to DoP re Complaints Register, 16 Jan 2006 • Complaints Register January to 20 June 2006	Yes	July 2004 A dedicated 24 hrs per day, 7 days per week complaints and concerns telephone line (02 6975 3454) was established on 9 December 2003. The complaints line was advertised on Friday 12 December 2003 and Tuesday 16 December 2003 in the West Wyalong Advocate. A complaints register is maintained by Cowal Gold and responses to all complaints are recorded. January 2005 The Community Complaints Register for the period July to December 2004 recorded 2 complaints - of water trucks on the school bus route (1) lights from the front gate (1). Three other matters were also recorded from the CEMCC in relation to the status of the access road (2) and weeds along the pipeline route (1). June 2005 Complaints/comments recorded during the January to June 2005 period were related to mine accommodation (2), school bus route along the access road and absence of school bus signs (2), and construction camp not purchasing food locally (1). Responses to each recorded comment/complaint were provided within 1 day of receipt

				by Barrick. December 2005 Complaints /comments recorded during the July to December 2005 period were related to interference on UHF Channel 22 and 16 (2), noise from the site (1), staff parking near Smith's Supermarket during the day, dust from mine traffic and traffic on Clear Ridge Road. Each of the complaints was handled and closed out and appeared to be to the satisfaction of the callers. June 2006 Three complaints were received during the January to June 2006 period related to damage done by Country Energy when putting in the power line to the mine; traffic on Clear Ridge Road and traffic using Burcher Road. Each of the complaints was addressed by Barrick and the traffic issue is being investigated through a staff survey of access routes to the site.
11.	**11. PROPONENTS OBLIGATIONS**			
11.1	***Area of Affectation - Land Acquisition (including resolution of disputes)***			July 2004 to June 2006 These conditions have not been activated.
12.	**FURTHER APPROVALS AND AGREEMENTS**			
12.1	***Statutory Requirements***			
	The Applicant shall ensure that all statutory requirements including but not restricted to those set down by the Local Government Act 1993, Pollution Control Act 1970, Clean Air Act 1961, Clean Water Act 1970, Noise Control Act 1975, Protection of the Environment Administration Act 1991, Protection of the Environment Operations Act 1997, National Parks and Wildlife Act 1974, and all other relevant legislation, Regulations, Australian Standards, Codes, Guidelines and Notices, Conditions, Directions, Notices and Requirements issued pursuant to statutory powers by the BSC, EPA, DMR, DSC, NPWS, DLWC, RTA, NSW Agriculture, NSW Fisheries, and RAC, are fully met.		Noted	Barrick has obtained approvals etc under the relevant statutory requirements for the Cowal Gold Project: Environment Protection Licence No. 11912 (EPA) Mining Lease No. 5135 (DMR) Section 87 Permits No. 1361, 1648 and 1681 (NPWS-DEC) Section 90 Consents to Destroy No. 1467 and 1680 (NPWS-DEC) Part 3A Permits No.703A01055 and 703A010056 (DLWC-DIPNR) Bore Licence Certificates (DLWC-DIPNR) Enclosure Permit No. 353669 (DLWC-DIPNR) Development Applications for construction of infrastructure and buildings on the mine lease (DIPNR and BSC)

APPENDIX B ENVIRONMENT PROTECTION LICENCE

APPENDIX B

Environment Protection Licence No. 11912 – Cowal Gold Mine

EPL No.	EPL Condition	Audit Evidence	Compliance	Comments
	Premises includes the land defined by ML 1535, the pipeline easement, new TSR and road, borefield and new TSR and road as described on Figure 1 held on EPA file No. 290738A6. Note: The premise is located in both the Bland and Forbes Shires.			Noted
A4.2	For the purposes of condition A4.1, the licence application includes: 1) Development Consent Cowal Project 2) Cowal Gold project- EIS 3) List of Initial development activities associated with the construction of the Cowal Gold Project. 4) The Cowal Gold Project –Species Impact Statement (Appendix A in Vol 2 of the Cowal Gold Project EIS).			Noted
Discharges to air and water and applications to land				
P1.1	The following points referred to in the table are identified in this licence for the purposes of monitoring and/or the setting of limits for the emission of pollutants to the air from the point.	EQWin database CGP Environment Department DEC Monitoring Reports June and September 2005	Yes	July 2004 The monitoring of dust has been conducted in accordance with the licence condition. June 2005 Dust deposition monitoring and high volume sampling has been conducted in accordance with the licence conditions and Dust Management Plan. December 2005 to June 2006 The dust deposition and high volume sampler monitoring program continued during July to December 2005 in accordance with the requirements of the EPL conditions and will be reported in the EPL Annual Return and the AEMR.
P1.2	The following points referred to in the table are identified in this licence for the purposes of the monitoring and/or the setting of limits for discharges of pollutants to water from the point.	DEC Monitoring Reports June and September 2005 CGP Site Rainfall Records	Yes	July 2004 The permanent groundwater monitoring piezometers in the areas of the northern and southern tailings storage facilities and the pit dewatering bores are to be installed when the construction of the tailings storage areas are complete and the area of the

	Variation 17/1/06 Monitoring Point 11 (tailings storage facilities decant pond water quality monitoring point) is removed. Monitoring/Discharge Points 46 (discharge to the STSF) and 47 (discharge to the NTSF) are added as authorized discharge points with accompanying monitoring requirements and discharge limits.	Surface Water Event Monitoring Field Sheets (for rainfall events of 20mm or greater).		piezometers will not be further disturbed. Monitoring will commence prior to any tailings being placed in the storage areas. The pit dewatering piezometers will be installed when the surface works around the pit area are complete. The monitoring of groundwater quality has been conducted in existing piezometers installed on the mine lease area to provide background data and many of these bores will be retained and monitored in addition to the EPL specified monitoring points. Surface water sampling in Lake Cowal (i.e. points 14-18) and stormwater quality monitoring (points12-13) have not been conducted as there is no or surface runoff or water in Lake Cowal. Groundwater monitoring has been conducted quarterly using a Grunfos pump to collect the water samples. Modification to the water collection procedure is to be trialled to replace the Grunfos pump that does not meet the electrical tagging safety standard. January 2005 The groundwater monitoring has continued to be conducted, using bladder pumps installed in the bores (replacing the use of Grunfos pumps). Monitoring has been conducted in accordance with the licence requirements. June 2005 Groundwater monitoring has been conducted monthly in accordance with the licence requirements using dedicated in-bore bladder pumps. December 2005 Groundwater monitoring has been conducted in accordance with the licence requirements. Surface water samples in the onsite ponds occurred following trigger rainfall events in July, September, October and November 2005. June 2006 Groundwater monitoring has been conducted from the 21 piezometers locations listed in P1.2 in accordance with the EPL requirements. Surface water samples in the onsite ponds occurred following a trigger rainfall event in June 2006.

P1.3	The following utilisation areas referred to in the table below are identified in this licence for the purposes of the monitoring and/or the setting of limits for any application of solids or liquids to the utilisation area.		Noted	
P2 Weather monitoring				
P2.1	The following points in the table are identified in this licence for the purposes of the monitoring of weather parameters at the point.	Blast Management Plan Figure 1	Yes	July 2004 The meteorological station has been relocated to the permanent site in accordance with the Blast Management Plan. June 2005 The meteorological station is operating and transmitting data directly to the computer base in the Environment Department on a continuous basis. Evaporation measurement has been added to the met station. December 2005 The meteorological station has continued to operate and transmit data directly to the computer base in the Environment Department, as well as saving 15 minute data to the logger. June 2006 The meteorological station has continued to operate and save 15-minute data to the logger.
3 Limit conditions *Variation 17 January 2006*				
L1.1	Except as may be expressly provided in any other condition of this licence, the licensee must comply with section 120 of the Protection of the Environment Operations Act 1997.		Noted	
L3.1	For each monitoring/discharge point or utilisation area specified in the tables the concentration of a pollutant discharged at that point or applied to the area, must not exceed the concentration limits specified for that pollutant in the table.		Noted	
L3.2	Where a pH quality limit is specified in the table, the specified percentage of samples must be within the specified ranges.		Noted	
L3.3	To avoid any doubt, this condition does not authorise the pollution of waters by any pollutant other than those specified in the table/s.		Noted	
	Points 46 and 47 – CN_{WAD} 20mg/L (90percentile); 30mg/L (100 percentile concentration limit).		Yes	June 2006 Monitoring of the discharge to the tailings storage

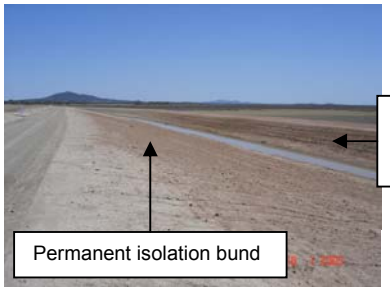
				facility has been conducted twice daily since the commencement of discharge of tailings to the southern tailings facility in May 2006. There have been two results that were in excess of the 20mg CN_{WAD}/L during the commissioning of the process plant. These results are to be reported to the DMR and EPA in a monthly report. No CN_{WAD} results exceeded the 30mg CN_{WAD} /L.
Waste				
L5.1	The licensee must not cause, permit or allow any waste generated outside the premises to be received at the premises for storage, treatment, processing, reprocessing or disposal or any waste generated at the premises to be disposed of at the premises, except as expressly permitted by the licence.		Yes	July 2004 to June 2006 No waste material had been received onto the premises during the construction period.
Noise Limits				
L6.1	Noise generated at the premises must not exceed the noise limits presented in the table below. The modification factors presented in Section 4 of the NSW Industrial Noise Policy shall also be applied to the measured noise levels where applicable. Note that the noise limits represent the noise contribution from the premises.	Noise Management Plan, November 2004	Yes	July 2004 Construction activities were not audible beyond the mining lease boundary during the site inspection. January 2005 Current construction activities were not audible beyond the mining lease boundary during the site inspection. June 2005 No noise complaints have been received between January and June 2005. December 2005 One noise complaint was received in September in relation to the on site activities. Noise monitoring was conducted adjacent to the affected residence and consultation was undertaken. There have been no more complaints. June 2006 No noise complaints have been received between January and June 2006.
L6.4	The airblast overpressure level from blasting operations in or on the premises must not exceed: (a) 115 dB (Lin Peak) for more than 5% of the total number of blasts during the reporting period for Monday to Saturday 0900 hrs to 1700 hrs;	Blast Management Plan, August 2003	Yes	July 2004 No blasting had occurred at the project site up to the time of the audit. January 2005 No blasting had occurred at the project site up to the

	(b) 120 dB (Lin Peak) at any time, at blast monitoring locations BM01, BM02, BM03, BM04 and BM05 identified on Figure 2, Blast Monitoring Locations in report Blast Management Plan, Cowal Gold Project, August 2003			time of the audit. June 2005 No blasting had occurred at the project site up to the time of the audit. Blast and vibration monitors have been installed around the pit and across the other side of Lake Cowal in accordance with the Blast Management Plan. Within the lake area the overpressure sensors are located on poles 1m above the potential water level of the lake. December 2005 Blasting occurred from Sept to Dec 2005, and the monitoring results did not indicate any exceedance of the 115dB (Lin peak) on any occasion. June 2006 Blasting that occurred from January to June 2006, did not indicate any exceedance of the 115dB (Lin peak) on any occasion.
L6.5	The ground vibration peak particle velocity from blasting operations carried out in or on the premises must not exceed: (c) 5mm/s for more than 5% of the total number of blasts during the reporting period for Monday to Saturday 0900 hrs to 1700 hrs; (d) 10mm/s at any time, at blast monitoring locations BM01, BM02, BM03, BM04 and BM05 identified on Figure 2, Blast Monitoring Locations in report Blast Management Plan, Cowal Gold Project, August 2003.	Blast Management Plan August 2003 Blasting Records CGP September to December 2005	Yes	July 2004 to January 2005 No blasting had occurred at the project site up to the time of the audit. June 2005 Blast and vibration monitors have been installed around the pit and across the other side of Lake Cowal in accordance with the Blast Management Plan. December 2005 The blasting that has occurred between September and December 2005 did not exceed the ground vibration PPV at any of the monitoring locations. June 2006 The blasting that has occurred between January to June 2006 did not exceed the ground vibration ppv at any of the monitoring locations.
Operating conditions				
O1.1	Licensed activities must be carried out in a competent manner. This includes: (a) the processing, handling, movement and storage of materials and substances used to carry out the activity; and		Noted	

	(b) the treatment, storage, processing, reprocessing, transport and disposal of waste generated by the activity.			
O2.1	All plant and equipment installed at the premises or used in connection with the licensed activity: (a) must be maintained in a proper and efficient condition; and (b) must be operated in a proper and efficient manner.		Noted	
O2.2	All persons associated with the licensee including employees, agents' licensee, contractors and subcontractors must be advised of their responsibilities and liabilities under the Protection of the Environment Operations Act 1997.	Barrick Induction Training package Training Course Register for Barrick personnel – 2005 Training Course Summary for Barrick CGP – 22 June 2006	Yes	July 2004 The Barrick induction that is provided to all personnel entering or working on the site includes information on environmental management generally and specifically in relation to responsibilities under the POEO Act. January 2005 Barrick Management were given detailed training on the POEO Act on 15 Nov 2004. December 2005 Induction training for all employees includes environmental management components and the training is recorded for each employee. Further training on the requirements of the POEO Act was conducted in July 2005. June 2006 Training of 60 personnel in the responsibilities and liabilities under the POEO Act was conducted January 2006.

Bunding Requirements				
O3.1	All above ground storage facilities containing flammable and combustible liquids must be bunded in accordance with Australian Standard AS1940 (1993) as in force from time to time.  Plate i: Fuel storage at CGP administration area.  Plate ii: Diesel storage tank in the Boart Longyear drillers compound.	 Plate iii: Fuel/oil storage area Contractors Compound.  Plate iv: Contractor's compound bunded area.	Yes	<u>July 2004 to January 2005</u> Diesel storage at the Mine Administration area is within a bund with a paved area provided for the distribution pump and delivery system. The fuel storage at the Boart Longyear driller''s compound is within a portable bund (plate B). The Hardie Bros Contractor compound has a fuel and oil storage area installed. The bulk storage diesel tank and used oil tank are within bunds that would comply with AS1940 requirements. Used oil is placed in the bulk tank (black) for collection by a waste oil contractor. The 1000L containers of oils, and old batteries, are stored on a concrete pad adjacent to the bunded tanks, with inadequate spill control. (see Plate D). 205 litre drums of oils were located around the site and in the workshop in unbunded areas. <u>June 2005</u> The contractors compound liquid storage area still has limited spill control capacity with any spilled material collecting in an underground sump that also receives wastewater from the truck wash area. <u>December 2005</u> The status of the contractor's compound has improved in the July to December period. The diesel fuel storage is inside a bund that complies with AS1940 requirements. There were several 205L drums also stored in the bund. The oils/lubricants etc are stored on the bunded pad adjacent to the diesel bund. 205L drum used for waste oil in the workshop was standing in a drip collection tray. <u>June 2006</u> The contractor's compound has been decommissioned and the area has been tidied up. The covered workshop area is to be used for storage of segregated solid waste until the permanent waste storage facilities beside the main workshop and process plant are finished.

Waste Rock Emplacements, Tailings Facilities and Water Storage Facilities				
O4.1	The waste rock emplacements areas, and the perimeter waste emplacement must be located on a basal footprint base drainage control zone with an equivalent permeability of $1x10^{-9}$ metres per second over a thickness minimum slope towards the open pit of 1 metre. In addition, the basal footprints for (vertical):200 (horizontal) and be designed to ensure all seepage from beneath the waste rock emplacement areas and Perimeter Waste Emplacement bund must ensure all seepage from this area the perimeter waste emplacement is directed towards the open pit. Variation 21 May 2004 The waste rock emplacement areas and the perimeter waste emplacement must be located on a base drainage control zone with a minimum slope towards the open pit of 1 (vertical:200 (horizontal) and be designed to ensure all seepage from beneath the waste rock emplacement areas and the perimeter waste emplacement is directed towards the open pit.	Letters from DEC re Waste Rock Emplacements, 30 March 2005  Plate v: Rock emplacement – December 2005	Yes	June 2005 DEC advised satisfaction that the requirements of conditions E2 and O4.1 had been met with regard to the Waste Rock Emplacements. January 2005 The waste rock emplacement areas and testing/design of the emplacements is to occur during 2005. Alan Watson and Associates have been approved to undertake the design and prepare the reports for submission to the DEC (EPA). December 2005 The waste rock emplacement and ore stockpiles have begun to be developed as the mining operations have begun. June 2006 The northern waste emplacement area is being established with the waste material from the mine pit.
O4.2	The tailings storage facilities and contained water storage facilities must have a basal barrier or impermeable liner with an equivalent permeability of $1x10^{-9}$ metres per second over a thickness of 1 metre.	Permeability Test Report for Northern Tailings Storage Facility, Dec 2004 Letter from DEC re NTSF and approval of Dr Neil Mattes as a suitably qualified engineer, 9 March 2005	Yes	January 2005 The results of the permeability testing of the floor of the northern tailings storage facility were conducted and the report prepared by Dr Neil Matte URS (demonstrated expert approved by EPA). June 2005 DEC advised of compliance with condition O4.2 of EPL 11912 regarding the NTSF, approval of Dr Neil Mattes as a suitably qualified engineer for the endorsement of the submitted permeability test report, and approval to commence operational use of the NTSF subsequent to initiating actions proposed within the *Implementation Plan to Protect Fauna from Interactions with the Tailings Storage Facilities (Feb 2005)*.

Sediment and Erosion Controls Sediment and Erosion Controls				
O5.1	Water captured in the temporary sediment basin located behind the temporary isolation bund must be pumped to contained water storage, other than D1 or D4, and then re-used within the up-catchment diversion system identified in the document titled "Cowal Project Environmental Impact Statement" Main Report Fig. 2-17.	 Plate vi: Temporary isolation bund seen from the permanent isolation bund – CGP December 2005	Noted	January to June 2005 The temporary isolation bund and contained water storages other than D1 and D4 have been constructed. No significant water has been collected within the bund requiring pumping to the contained water storages. December 2005 The small amount of water collected in the temporary isolation bund following rainfall events in November 2005 was rapidly evaporating at the time of the audit. June 2006 The temporary bund is still in place. No water was present behind the bund during the site inspection 19 June 2006.
O5.2	**Variation 24/8/04** The licensee must install effective sediment and erosion controls on the premises prior to each act of vegetation removal, earth moving or related activities on the premises that are consistent with the detailed sediment and erosion control plans required by under condition E1.	Erosion and Sediment Control Management Plan Oct 2003 ▪ Letter from EPA re Draft Erosion and Sediment Control Management Plan 25 Sep 2003 ▪ Letter from EPA re Draft Erosion and Sediment Control Management Plan 23 June 2004 ▪ Letter from EPA re Draft Erosion and Sediment Control Management Plan 14 May 2004 ▪ Letter from EPA re Draft Erosion and Sediment Control Management Plan 10 June 2004 ▪ Letter from EPA re Draft Erosion and Sediment Control Management Plan 23 June 2004 ▪ Letter to DEC re ESCMP Process Plant Area 9 Jul 2004 ▪ Letter from DEC re ESCMP – Process Plant Area, 2 Aug 2004	Yes	Erosion and sediment control plans have been prepared and approved for the following areas: ▪ Travelling Stock Reserve Road Construction, Gilbert & Associates, 18 December 2003 ▪ Preliminary Earthworks for Mine Development Works (Isolation Bunds, Northern Tailings Storage Facility, Soil Stockpiles, External Drainage System, Internal Drainage, Mine Access Road, Tailings Service Corridor), URS, 23 April 2004 ▪ Pit Dewatering Works (Dewatering Bores for Open Pit), URS, 23 April 2004 ▪ Contained Water Storage Facilities, URS 10 June 2004 ▪ Approval for commencement of grubbing and topsoil removal Stage 1 in process plant area 2 Aug 2004
Dust Controls				
O6.1	All activities at the premises that are likely to generate dust must be carried out in a manner that minimises the generation of dust.		Yes	December 2005 The use of water carts on the site to control dust generation was observed during the site audit.
O6.2	For the purposes of O6.1 - all activities include, but are not limited to: • Areas disturbed by construction and/or		Yes	July 2004 Dust generation from the construction activities is managed using water carts. The construction areas

	operational activities; • Areas disturbed by mining activities, including waste emplacement areas and other portions of the mine site exposed to wind; • Waste rock handling and stockpiling activities (including loading and unloading, spreading and shaping waste rock); • Movement of vehicles on unsealed roads for general mining activities; • Topsoil stripping and stockpiling; • Drilling and blasting; and • Crushing, screening, transport and preparation of ore.	 Plate vii: Localised dust generation from heavy equipment in the Northern Tailings Storage Facility excavation.  Plate viii: Dust generation within the mining area controlled using water trucks.		where major earth moving is occurring is dampened on a regular basis. During the site inspection dust generation was controlled with no significant dispersion observed in the area of the pipeline trenching or the temporary bund construction. January 2005 The use of water tankers to reduce dust dispersion from the construction activities continued in the Northern Tailings Storage Facility, internal access road and water management structures. The dry conditions resulted in localised dust generation in the areas of heavy equipment use. June 2005 Water tankers are used on internal roads and disturbed areas as required for dust management. At the time of the adit recent rains had reduced dust generation from the site activities. December 2005 Water tankers were used for dust control around the roads, construction and mining areas. June 2006 Water tankers are used for dust suppression on the mine roads, stockpile and mining areas.
Offensive Odour				
O7.1	The licensee must not cause or permit the emission of offensive odours from the premises, as identified under Section 129 POEOAct 1997.		Noted	December 2005 No odours were noted from the site activities during the December 2005 audit.
Monitoring and recording conditions				
M1.1	The results of any monitoring required to be conducted by this licence or a load calculation protocol must be recorded and retained as set out in this condition.	Environmental Management File 5.09 - Monitoring Environmental Management File 5.09	Noted	
M1.2	All records required to be kept by this licence must be: (a) in a legible form, or in a form that can readily be reduced to a legible form; (b) kept for at least 4 years after the monitoring or event to which they relate took place; and (c) produced in a legible form to any authorised officer of the EPA who asks to see them.	Environmental Management File 5.09 - Monitoring Environmental Management File 5.09 EQWin Database	Yes	July 2004 Field notes relating to environmental monitoring are entered onto Field Sheets that identify the monitoring point, field conditions, and field measurement results, and these sheets are filed in the Environment Section and relevant data entered into the EQWin Database.

				December 2005 The field notes and monitoring data are retained as hard copies in the Environment Department files and the laboratory data and field measurement data are entered into EQWin. June 2006 All monitoring data is entered into EQWin and retained for reporting and filing. Data from EQWin is used to generate the quarterly reports on monitoring for the DEC, DoP and DPI.
M1.3	The following records must be kept in respect of any samples required to be collected for the purposes of this licence: (a) the date(s) on which the sample was taken; (b) the time(s) at which the sample was collected; (c) the point at which the sample was taken; and (d) the name of the person who collected the sample.	EQWin Database	Yes	July 2004 to June 2006 The monitoring data collected by Cowal Gold Project to meet the requirements of the EPL is entered into a computerised database (EQWin) and includes all information required by this condition.
Requirement to monitor concentration of pollutants discharged				
M2.1	For each monitoring/discharge point or utilisation area specified (by a point number), the licensee must monitor (by sampling and obtaining results by analysis) the concentration of each pollutant specified in Column 1. The licensee must use the sampling method, units of measure, and sample at the frequency, specified opposite in the other columns.			June 2004 to June 2006 Monitoring of locations and for parameters specified in the licence conditions has been implemented where or when water or flow occurs (the drought conditions have resulted in Lake Cowal being dry and stormwater runoff from the mining lease area has not occurred).
M2.2	The monitoring requirements specified in M2.1 do not come into effect for point 11 until construction of storage D7. The monitoring requirements specified in M2.1 do not come into effect for point 12 until construction of the storage D1. The monitoring requirements specified in M2.1 do not come into effect for point 13 until construction of the storage D4. **Variation 17/1/06** This condition was removed.	Amendments to Site Water Management Plan and Erosion and Sediment Control Plan, December 2004 Letter to DIPNR re amendments for Site Water Management Plan and Erosion and Sediment Control Plan, 1December 2004 Letter to DEC re amendments for Site Water Management Plan and Erosion and Sediment Control Plan, 1December 2004 Letter from DEC re Site Water Management Plan and Erosion and Sediment Control Plan, 1December 2004 Letter from DIPNR re Site Water Management Plan and Erosion and Sediment Control Plan, 21December 2004	Noted N/A	January 2005 Contained water storage ponds D1 and D4 have been constructed. Water quality monitoring will occur when water is collected in these structures. June 2005 Rainfall during June and dewatering from the pit have resulted in water being collected in D1 and D4. Monitoring of water quality will occur monthly, in accordance with the monitoring program. December 2005 Water quality monitoring of D1 and D4 has occurred. June 2006 This condition was removed by the Variation to the EPL dated 17 January 2006.

Testing methods - concentration limits				
M3.1	Monitoring for the concentration of a pollutant emitted to the air required to be conducted by this licence must be done in accordance with: (a) any methodology which is required by or under the Act to be used for the testing of the concentration of the pollutant; or (b) if no such requirement is imposed by or under the Act, any methodology which a condition of this licence requires to be used for that testing; or (c) if no such requirement is imposed by or under the Act or by a condition of this licence, any methodology approved in writing by the EPA for the purposes of that testing prior to the testing taking place.		Noted	July 2004 All analysis for air quality will be carried out by Australian Laboratory Services (ALS), that is NATA registered laboratory for analysis of all the parameters required to be tested by the CGP to meet regulatory requirements.
M3.2	Subject to any express provision to the contrary in this licence, monitoring for the concentration of a pollutant discharged to waters or applied to a utilisation area must be done in accordance with the Approved Methods Publication unless another method has been approved by the EPA before any tests are conducted.		Noted	July to December 2005 All analysis of waters will be carried out by Australian Laboratory Services (ALS), that is NATA registered laboratory for analysis of all the parameters required to be tested by the CGP to meet regulatory requirements.
Recording of pollution complaints				
M4.1	The licensee must keep a legible record of all complaints made to the licensee or any employee or agent of the licensee in relation to pollution arising from any activity to which this licence applies.		Yes	July 2004 to December 2004 A complaints register is maintained by Barrick in accordance with the condition and responses to the complainants are also recorded.
M4.2	The record must include details of the following: (a) the date and time of the complaint; (b) the method by which the complaint was made; (c) any personal details of the complainant which were provided by the complainant or, if no such details were provided, a note to that effect; (d) the nature of the complaint; (e) the action taken by the licensee in relation to the complaint, including any follow-up contact with the complainant; and (f) if no action was taken by the licensee, the reasons why no action was taken.	Fax to DEC – Incident Report on Dust Complaints, 2 Jul 2004 Complaints Register July to December 2004 Community Complaints Line Register December 2004 to 27 June 2005 Community Complaints Line Register, June to December 2005	Yes	July 2004 A complaints register is maintained by Barrick in accordance with the condition M4.1 and responses to the complainants are also recorded. June 2005 A summary of the Complaints Register is submitted to the relevant authorities each 6 months. December 2005 A summary of the complaints was submitted to the authorities in July 2005. June 2006 A summary of the Complaints Register was submitted to the DEC and the Director-General in January 2006.

M4.3	The record of a complaint must be kept for at least 4 years after the complaint was made.		Yes	All complaints received by Barrick are retained on the on site computer system.
M4.4	The record must be produced to any authorised officer of the EPA who asks to see them.		Noted	
Telephone complaints line				
M5.1	The licensee must operate during its operating hours a telephone complaints line for the purpose of receiving any complaints from members of the public in relation to activities conducted at the premises or by the vehicle or mobile plant, unless otherwise specified in the licence.		Yes	July 2004 The complaints and concerns telephone line (02 6975 3454) was established on 9 December 2003. The complaints line was advertised on Friday 12 December 2003 and Tuesday 16 December 2003 in the West Wyalong Advocate.
M5.2	The licensee must notify the public of the complaints line telephone number and the fact that it is a complaints line so that the impacted community knows how to make a complaint.		Yes	July 2004 The complaints line was advertised on Friday 12 December 2003 and Tuesday 16 December 2003 in the West Wyalong Advocate.
M5.3	Conditions M5.1 and M5.2 do not apply until 3 months after: (a) the date of the issue of this licence or (b) if this licence is a replacement licence within the meaning of the Protection of the Environment Operations (Savings and Transitional) Regulation 1998, the date on which a copy of the licence was served on the licensee under clause 10 of that regulation.		Noted	
Blasting monitoring				
M7.1	To determine compliance with condition(s) L6.4 and L6.5: (a) Airblast overpressure and ground vibration levels must be measured at BM01 (Point 8), BM02 (Point 9), BM03 (Point 10), BM04 (Point 41) and BM05 (Point 42) identified on Figure 2, Blast Monitoring Locations in report Blast Management Plan, Cowal Gold Project, August 2003 – for all blasts carried out in or on the premises; and (b) Instrumentation used to measure the blast monitoring locations BM01 (Point 8), BM02 (Point 9), BM03 (Point 10), BM04 (Point 41) and BM05 (Point 42) identified on Figure 2, Blast Monitoring Locations in report Blast Management Plan, Cowal Gold Project, August 2003 must meet the requirements of Australian Standard 2187.2 of 1993.		Yes	July 2004 to January 2005 No blasting had occurred during the construction activities at the project site up to the time of the audit. June 2005 No blasting has occurred at the site between January and June 2005. The blast and vibration monitors have been installed in accordance with the Blast Management Plan and are ready for monitoring when blasting commences in the pit. December 2005 Blast monitors have been installed at the approved locations for the measurement of air-blast overpressure and ground vibration levels in

				accordance with the Blast Management Plan. No levels were recorded in excess of the trigger levels for the monitors. June 2006 Blasting that occurred from January to June 2006, did not exceed the overpressure limit of 115dB (Lin peak) or trigger the vibration monitors on any occasion.
Noise Monitoring				
M8.1	Within 90 days of the commencement of normal operations a compliance test must be carried out by an accredited acoustic consultant indicating the level of noise emanating from the premises (LA10 T, Laeq T) measured between 10 and 15 minutes (except where specifically indicated) and representative of the nosiest activity on the premises. In the case of operations, the compliance test must cover a minimum of one 24 hour period including day, evening and night measurements with sampling periods each day, evening, or night period. The measurement or computation, unless otherwise specified must be carried out at the worst affected residential boundaries and/or sensitive area in the vicinity of the works. The noise measurements must be undertaken at the sites identified in condition L6.1. The detailed methodology, timing, time of day, atmospheric conditions together with the operating conditions of the plant, equipment or process under which the tests are made must be noted and reported. The results of the tests must be reported to the EPA within 28 days of the testing being completed.		N/A	June 2006 Noise monitoring to assess compliance of the normal operations of the project with the EPL criteria is planned for 3rd quarter 2006. This monitoring will be within 90 days of the commencement of operation of the process plant.
Requirement to monitor weather				
M9.1	For each monitoring point specified in the table below, the licensee must monitor (by sampling and obtaining results by analysis) the parameters specified in Column 1. The licensee must use the sampling method, units of measure, averaging period and sample at the frequency, specified opposite in the other columns.	Computer system – meteorological database	Yes	July 2004 Meteorological station has been installed west of the Mine Administration compound adjacent to the new TSR alignment and east of the southern tailings emplacement area. The station has: • Rainfall gauge for continuous measurement • Wind speed and direction at 10 metres • Temperature measurement at 2 and 10 metres • Solar radiation The meteorological station transmits data to a computer in the Environment Section providing real

		 Plate ix: Meteorological Station – Cowal Gold Project • Barrick Gold Lake Cowal Weather Station Report, Hydrodata, 7 June 2006		time measurements at 30 second intervals and averaged results for the past 15 mins. In the event of wind speed greater than 20km/hr an alarm is triggered at the computer terminal. The met data is retained on the computer system. The met station has a temperature measurement at 2m but there is not a probe at 10m as required by the condition. Arrangements for the installation of the 10m temperature probe was reported to have been initiated following the audit. January 2005 The meteorological station was fitted with a 10m temperature probe in accordance with the requirements of EPL condition M9.1. A security fence surrounds the station compound. June 2005 to June 2006 The meteorological station is operating and downloads data continuously to the computer in the Environment Department. Evaporation measurement has been added to the station to assist with site water management. June 2006 The meteorological station is operating and records data each 15 minutes to the logger. The meteorological station equipment was checked, serviced and calibrated by Hydrodata on 7 Jun 2006
Reporting conditions				
Annual return documents				
R1.1	**What documents must an Annual Return contain?** The licensee must complete and supply to the EPA an Annual Return in the approved form comprising: (a) a Statement of Compliance; and (b) a Monitoring and Complaints Summary. A copy of the form in which the Annual Return must be supplied to the EPA accompanies this licence. Before the end of each reporting period, the EPA will provide to the licensee a copy of the form that must be completed and returned to the EPA.	EPA Annual Return 23 December 2003 to 22 December 2004 EPA Annual Return 23 December 2004 to 22 December 2005	Yes	June 2005 The Annual Return was prepared in the form provided by the DEC and was returned to the DEC, in accordance with the condition. December 2005 The Annual Return for 2005 was being prepared at the time of this audit for submission to DEC before the 21 February in accordance with EPL R1.2. June 2006 The 2005 Annual Return was prepared in the form provided by the DEC and was returned to the DEC, in accordance with the condition.

R1.2	**Period covered by Annual Return** An Annual Return must be prepared in respect of each reporting period, except as provided below. Note: The term "reporting period" is defined in the dictionary at the end of this licence. Do not complete the Annual Return until after the end of the reporting period.	EPA Annual Return 23 December 2003 to 22 December 2004 EPA Annual Return 23 December 2004 to 22 December 2005 Letter to NSW EPA re submission of Annual Return, 21 February 2006	Yes	June 2005 The Annual Return was prepared after the 23 December 2004 and was submitted to the DEC before the 21 February in accordance with the condition. December 2005 The Annual Return for 22 December 2004 to December 2005 was being prepared at the time of this audit for submission to DEC before the 21 February in accordance with EPL condition R1.2. June 2006 The Annual Return for 23 December 2004 to 22 December 2005 was prepared and submitted to the DEC on the 21 February 2006 in accordance with EPL condition R1.2.
R1.3	Where this licence is transferred from the licensee to a new licensee, (a) the transferring licensee must prepare an Annual Return for the period commencing on the first day of the reporting period and ending on the date the application for the transfer of the licence to the new licensee is granted; and (b) the new licensee must prepare an Annual Return for the period commencing on the date the application for the transfer of the licence is granted and ending on the last day of the reporting period. Note: An application to transfer a licence must be made in the approved form for this purpose.		Noted	
R1.4	Where this licence is surrendered by the licensee or revoked by the EPA or Minister, the licensee must prepare an Annual Return in respect of the period commencing on the first day of the reporting period and ending on (a) in relation to the surrender of a licence - the date when notice in writing of approval of the surrender is given; or (b) in relation to the revocation of the licence - the date from which notice revoking the licence operates.		Noted	

R1.5	**Deadline for Annual Return** The Annual Return for the reporting period must be supplied to the EPA by registered post not later than 60 days after the end of each reporting period or in the case of a transferring licence not later than 60 days after the date the transfer was granted (the 'due date').	EPA Annual Return 23 December 2003 to 22 December 2004 EPA Annual Return 23 December 2004 to 22 December 2005	Yes	June 2005 The Annual Return for CGP was submitted by 21 February 2005 in accordance with the standard EPA format with the Statement of Compliance, and Monitoring and Complaints Summary. June 2006 The Annual Return for 23 December 2004 to 22 December 2005 was submitted to the DEC on the 21 February 2006 in accordance with the requirement of EPL condition R1.5.
R1.7	**Licensee must retain copy of Annual Return** The licensee must retain a copy of the Annual Return supplied to the EPA for a period of at least 4 years after the Annual Return was supplied to the EPA.	EPA Annual Return 23 December 2003 to 22 December 2004 EPA Annual Return 23 December 2004 to 22 December 2005	Yes	June 2005 The Annual Return is available on the Barrick document system and a copy is retained in the DEC-EPA file. June 2006 The Annual Return is available on the Barrick document system and a copy is retained in the DEC-EPA file.
R1.8	**Certifying of Statement of Compliance and Signing of Monitoring and Complaints Summary** Within the Annual Return, the Statement of Compliance must be certified and the Monitoring and Complaints Summary must be signed by: (a) the licence holder; or (b) by a person approved in writing by the EPA to sign on behalf of the licence holder.	EPA Annual Return 23 December 2003 to 22 December 2004 EPA Annual Return 23 December 2004 to 22 December 2005	Yes	June 2005 The Annual Return was submitted to the DEC signed by the Company Representative as required by Condition R1.8. June 2005 The Annual Return was submitted to the DEC signed by the Company Secretary and a Director as required by Condition R1.8.
R1.9	A person who has been given written approval to certify a certificate of compliance under a licence issued under the Pollution Control Act 1970 is taken to be approved for the purpose of this condition until the date of first review of this licence.		Noted	
Notification of environmental harm				
R2.1	Note: The licensee or its employees must notify the EPA of incidents causing or threatening material harm to the environment as soon as practicable after the person becomes aware of the incident in accordance with the requirements of Part 5.7 of the Act. Notifications must be made by telephoning the EPA's Pollution Line service on 131 555.	• Incident Report of Minor Diesel Spill 17 March 2004. • Incident Report of Minor Oil Leakage 25 August 2004. • Letter to DEC re Spill of diesel fuel on road, 9 May 2005.	Yes	July 2004 Notification made to EPA by phone and email re minor diesel spill that occurred on 17 March 2004. January 2005 A minor oil leak from a scraper of 8-10 litres occurred on 25 August 2004. An Incident Report was completed and the DEC notified. The spilled material was absorbed and collected for off-site

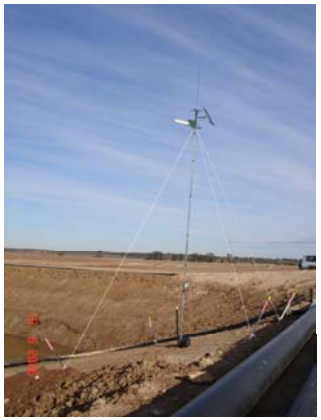
				disposal. June 2005 A spill of 500 litres of diesel fuel occurred on road about 2 km east of Bogeys Island in May 2005. The DEC was notified of the spill. December 2005 No notifiable incidents occurred between July and December 2005. June 2006 No notifiable incidents occurred between January and June 2006.
R2.2	The licensee must provide written details of the notification to the EPA within 7 days of the date on which the incident occurred.	• Letter and Incident Report to DEC 17 March 2004. • Letter to DEC re Incident Report - Oil leakage, 10 Sep 2004. • Letter to DEC re Spill of diesel fuel on road, 9 May 2005.	Yes	July 2004 Written report of a minor diesel spill provided to the DEC within the 7day period. January 2005 Written report of a minor diesel spill provided to the DEC. June 2005 Written report spill of 500 litres of diesel fuel occurred on road about 2 km east of Bogeys Island in May 2005 provided to the DEC. June 2006 No notifiable incidents occurred between January and June 2006.
Written report				
R3.1	Where an authorised officer of the EPA suspects on reasonable grounds that: (a) where this licence applies to premises, an event has occurred at the premises; or (b) where this licence applies to vehicles or mobile plant, an event has occurred in connection with the carrying out of the activities authorised by this licence, and the event has caused, is causing or is likely to cause material harm to the environment (whether the harm occurs on or off premises to which the licence applies), the authorised officer may request a written report of the event.		Noted	
R3.2	The licensee must make all reasonable inquiries in relation to the event and supply the report to the EPA within such time as may be specified in the request.		Noted	

R3.3	The request may require a report which includes any or all of the following information: (a) the cause, time and duration of the event; (b) the type, volume and concentration of every pollutant discharged as a result of the event; (c) the name, address and business hours telephone number of employees or agents of the licensee, or a specified class of them, who witnessed the event; and (d) the name, address and business hours telephone number of every other person (of whom the licensee is aware) who witnessed the event, unless the licensee has been unable to obtain that information after making reasonable effort; (e) action taken by the licensee in relation to the event, including any follow-up contact with any complainants; (f) details of any measure taken or proposed to be taken to prevent or mitigate against a recurrence of such an event; (g) any other relevant matters.		Noted	
R3.4	The EPA may make a written request for further details in relation to any of the above matters if it is not satisfied with the report provided by the licensee. The licensee must provide such further details to the EPA within the time specified in the request.		Noted	
Reporting of blasting monitoring				
R4.1	The results of the blast monitoring required by condition M7.1 must be submitted to the EPA at the end of each reporting period.		Noted	January to June 2005 No blasting has occurred at the CGP site to this date. December 2005 Results of the blasting undertaken between September and December 2005 will be reported in the EPL Annual Return and the AEMR. June 2006 Blast monitoring data is reported in the 2005 AEMR and included in the Annual Return and quarterly reports to the DEC.
R4.2	The licensee must report any exceedence of the licence blasting limits to the regional office of the EPA as soon as practicable after the exceedence becomes known to the licensee or to one of the licensee's employees or agents.		Noted	January to June 2005 No blasting has occurred at the CGP site to this date. December 2005 No exceedance of the blasting limits were recorded

				for the blasting undertaken between September and December 2005. June 2006 No exceedance of the blasting limits were recorded for the blasting undertaken between January and June 2006.
General conditions				
Copy of licence kept at the premises				
G1.1	A copy of this licence must be kept at the premises to which the licence applies.		Yes	Copies of the licence are kept by the Environmental Officers and in the Environment Section at the mine site offices.
G1.2	The licence must be produced to any authorised officer of the EPA who asks to see it.		Noted	
G1.3	The licence must be available for inspection by any employee or agent of the licensee working at the premises.		Noted	
Special conditions				
E1	The licensee must not commence any earth works prior to receiving written approval from the EPA. Approval may be granted for earth works at a specified part of the premises upon submission of a detailed sediment and erosion control plan for those works. The submitted plans must be endorsed by a demonstrated expert in sediment and erosion control and satisfy the EPA's requirements. **Variation 24/8/04** Before commencing any works the licensee must prepare detailed sediment and erosion control plans for those works. The plans must be endorsed by a demonstrated expert in sediment and erosion and sediment control. **Variation 17/1/06** This condition was removed.	• Letter from EPA re Draft Erosion and Sediment Control Management Plan 20 April 2004 • Letter from EPA re Tailings Storage Facilities work approval 20 April 2004 • Letter from DEC (EPA) re Approval of ESCMP, 14 May 2004 • Letter from DPI re Approval of ESCMP, 4 Jun 2004 • Letter from EPA re Draft Erosion and Sediment Control Management Plan 23 June 2004	Yes	July 2004 The detailed erosion and sediment control plans for the various stages of the project have been prepared progressively and endorsed by a demonstrated expert prior to submission to the EPA for approval. June 2006 This condition was removed by the Variation to the EPL dated 17 January 2006.
E2	The licensee must submit to the EPA, for its written approval, detailed plans/diagrams detailing the construction of the Tailings Storage Facilities, Waste Rock Emplacements Areas, Perimeter Waste Emplacement, Processing Plant and Contained Water Storage Facilities. The plans/diagrams must be endorsed by a suitably qualified engineer. The licensee must not commence construction on a particular structure prior to receiving written approval from the EPA that the submitted plans/diagrams for	• Tailings Storage Facility Final Design Report, SNC-Lavalin Australia Ltd, January 2004 • Letter to DEC re Tailings Storage Facility, 25 Feb 2004 • Preliminary Earth Works for Mine Development Works, URS, 23 April 2004 • Letter to DEC re Contained Water Storage Facilities D5 and D6, 6 Sep 2004	Yes	July 2004 The Tailings Storage Facility Final Design Report was submitted to the Dam Safety Committee and the DSC noted receipt of the report. The EPA was satisfied with the groundwater monitoring program with the addition of WAD cyanide to the list of parameters.

	that structure satisfy EPA's requirements. **Variation 17/1/06** This condition was removed.	• Letter from DEC re Water Storage Ponds D5 and D6 – approval to commence works, 21 Sep 2004 • Letter to DEC re Modification of Design of Contained Water Storage D6, 25 Oct 2004 • Letter from DEC re Water Storage Pond D6 – approval to commence works, 1 Nov 2004 • Letter to DEC re Waste Rock Emplacement – approval of suitably qualified engineers, 16 Dec 2004 • Letter from DEC – Acceptance of Engineers, 30 Dec 2004 • Letter from DEC re Waste Rock Emplacement, 30 March 2005 • Letter from DEC advising Mr Paul Dinuzzo meets requirements as a suitably qualified engineer, and plans for the reagent storage tanks at the processing plant satisfy condition E2, 1 Mar 2005.		January 2005 Contained Water Storage Facilities D5 and D6 design approved for work commencement by DEC. Modification to D6 design also approved in Oct 04. DEC acceptance of suitably qualified engineers obtained for Dr Neill Mattes and Dr Fabio Carosone of URS in Aug 2004, and Alan Watson and Ralph Holding of Alan Watson and Associates in Dec 04. June 2005 DEC advised that Mr Paul Dinuzzo meets requirements of EPA as a suitably qualified engineer and that the plans for the reagent storage tanks at the processing plant satisfy condition E2 of EPL 11912 for the purpose of commencing construction of the works letter 1 March 2005. DEC advised satisfaction that the requirements of conditions E2 and O4.1 had been met with regard to the Waste Rock Emplacements. June 2006 This condition was removed by the Variation to the EPL dated 17 January 2006.
E3	Prior to operational use of the structures listed in Condition O4.2 the licensee must provide reports demonstrating compliance with the level of permeability specified in Condition O4.2. The testing and reports must be carried out by a demonstrated expert who must be approved in writing by the EPA prior to conducting any testing.	▪ Letter to DEC re Permeability Test Report for Northern Tailings Storage Facility, 1 Dec 2004 ▪ Letter to DEC seeking approval for permeability test report for the liner of pond D6, 17 June 2005. ▪ Letter to DEC seeking approval of report of permeability tests for ponds D1, D2, D3, D4, D8A and D8B, 17 June 2005. ▪ Cowal Southern Tailings Storage Floor Permeability Report, Dr Neil Mattes URS 11 Jan 2006 ▪ Letter to DEC re Southern Tailings Storage Floor Permeability, 17 Feb 2006 ▪ Letter from DEC re Compliance of Southern Tailings Storage Floor Permeability Report with EPL Condition E3, 17 Feb 2006 ▪ Letter to DPI re Southern Tailings Storage Floor Permeability, 8 March 2006	Yes	January 2005 A permeability test report on the Northern Tailings Storage Facility was prepared by Dr Neil Matte URS and submitted to DEC in Dec 2005. June 2005 Approval sought for permeability test report for the liner for ponds D1, D2, D3, D4, D6, D8A and D8B in accordance with special condition E3 of EPL. December 2005 Approval of the permeability test reports have been received for D1, D2, D3, D4, D6 and D8a and D8b. Pond D5 was constructed in December 2005 and the report for D5 is in preparation for submission to the DEC. June 2006 A report on the floor permeability of the Southern Tailings Storage was prepared by Dr Neil Mattes of URS and submitted to the DEC and approved on 17 February 2006, and the report forwarded to DPI. (This condition is now Special Condition E1 in the

				EPL).
E4	The licensee must submit a Noise Management Plan, prepared in accordance with the NSW Industrial Noise Policy, within 6 months of the issue of this licence, for activities undertaken 6 months beyond the commencement of construction. Note: Noise Limit and Noise Monitoring conditions will change subject to details in the Noise Management Plan October 2003 when submitted to the EPA as required by this condition.	Noise Management Plan Oct 2003 Letter from EPA re Draft Noise Management Plan 7 Nov 2003 Letter to DEC re Noise Management Plan, 1 Oct 2004 Letter from DEC re Noise Management Plan, 11 Oct 2004	Yes	January 2005 The Noise Management Plan consultation with DEC meets the requirements of MCoA 6.4(b) and 8.4(a). DEC advised that the EPL will be varied by Notice to remove conditionE4.
E5	The licensee must prepare and submit a report regarding the interaction of fauna with the Tailings Storage Facilities, prepared by a suitably qualified person approved in writing by the EPA within 6 months of the issue of this licence. The report must include, but need not be limited to the following: 1) a detailed strategy that utilises the best available technology and practises for monitoring fauna deaths caused by cyanosis; 2) a detailed strategy that identifies methods to deter fauna visitation of the tailings storage facilities. **Variation 24/8/04** The licensee must prepare and submit, to the Regional Manager Southern Tablelands, an Implementation Plan (the Plan) to protect fauna from interaction with the Tailings storage Facilities. The Plan must be submitted by 1 March 2005.	Report on the Interaction of Fauna with the Tailings Storage Facilities, Donato Environmental Services, June 2004  Plate x: Acoustic bird deterrent unit and poles with deterrent wires on the western side of the STSF.	Yes	July 2004 The Report prepared by Donato on the potential interaction of fauna with the tailings storage areas provides an outline of the strategies to deter fauna visitation to the tailings storage facilities and management strategies that are to be considered in the design planning for the storages. January 2005 The DEC accepted the Report on Interaction of Fauna with the Storage Tailings Facilities and required the preparation of an implementation plan for the strategies outlined in the report. The EPL condition E5 was varied to include this request. The Implementation Plan is being prepared and will be submitted to the DEC in March 2005. June 2005 The Implementation Plan was prepared and submitted to the DEC in March 2005. December 2005 The Implementation Plan has been activated with the placement of poles in the Northern TSF decant area for erection of tags to discourage birdlife from settling on the water. The tags and wires will be installed when the process plant begins operation in 1st quarter 2006. June 2006 Bird deterrent devices had been installed at the STSF with radar activated audio units on two sides of the facility, sonic gas guns and other passive devices erected to scare away birds approaching or landing on the tailings waters.

E5.1	**Variation 24/8/04** The Plan must be based on the previously approved "Report on the Interaction of Fauna with the Tailings Storage Facilities". The Plan must include, but not be limited to the following: 1) Actions to apply best available technology and practices for monitoring fauna visitation of Tailings Storage Facilities; 2) Actions to apply best available technology and practices for monitoring fauna deaths caused by cyanosis; 3) Actions to deter fauna visitation to the Tailings Storage Facilities.	Letter to DEC re *Implementation Plan to Protect Fauna from Interactions with the Tailings Storage Facilities*, 25 February 2005. Letter from DEC advising requirements of condition E5 had been met by the *Implementation Plan to Protect Fauna from Interactions with the Tailings Storage Facilities (Feb 2005),* 3 March 2005  Plate xi: Bird deterrent activation radar tower on the northwest corner of the STSF.	Noted	January 2005 The Implementation Plan to protect fauna from interaction with the tailings storage facilities is currently being prepared and is due for submission to the DEC in March 2005. June 2005 A copy of the *Implementation Plan to Protect Fauna from Interactions with the Tailings Storage Facilities* was submitted to the DEC as required by Feb 2005 in accordance with condition E5. DEC advised the requirements had been met by the *Implementation Plan to Protect Fauna from Interactions with the Tailings Storage Facilities (Feb 2005)* in Mar 2005. December 2005 Poles have been installed in the decant area of the Northern TSF for the suspension of deterrents for avifauna settling on the TSF. June 2006 Bird deterrent devices have been installed on the Southern Tailings Storage Facility. No birds were noted on the water within the storage pond during the site inspections on 19-23 June 2006.
E5.2	Variation 24/8/04 The Plan must be approved in writing by the EPA before operational use of the Tailings Storage Facilities.		N/A	January 2005 The Plan is due for submission prior to operational use of the tailings storage facility. June 2005 A copy of the *Implementation Plan to Protect Fauna from Interactions with the Tailings Storage Facilities* was submitted to the DEC as required by Feb 2005 in accordance with condition E5. DEC advised the requirements had been met by the *Implementation Plan to Protect Fauna from Interactions with the Tailings Storage Facilities (Feb 2005)* in Mar 2005.

APPENDIX C MINING LEASE CONDITIONS

Appendix C Mining Lease 1535

No.	ML 1535 Condition	Audit Evidence	Compliance	Comments
1	**Notice to Landholders**			
	The lease holder must serve on each landholder of the land a notice in writing indicating that this lease has been granted/renewed and whether the lease includes the surface.		Not applicable	July 2004 Barrick is the registered proprietor of the majority of the land on which the mining lease is located.
4	**Working Equipment**			
	The lease holder must ensure that at least 135 competent people are efficiently employed on the lease area……OR Expend on operations carried out on the lease in the course of prospecting or mining an amount of not less than $2,400,000 during each year of the term of this lease.		Yes	July 2004 Barrick has spent more than $2,400,000 during the year 13 June 2003 and 13 June 2004.
6	**Reports**			
	The lease holder shall provide within a period of 28 days after each anniversary of the date this lease has effect …….. a progress report to the satisfaction of the Director-General……..		N/A	July 2004 First progress report is due to be submitted to the DMR in July 2004. January 2005 Progress Report submitted in July 2004 for the period 13 June 2003 to 12 June 2004. June 2005 Progress Report due for submission to DPI in July 2005. December 2005 Progress Report submitted to the DPI in July 2005. June 2006 Progress Report was being prepared at the time of the audit for submission to DPI in July 2006.
11	**Safety**			
	Operations are to be carried out in a manner that ensures safety of [persons or stock in the vicinity of the operations…….		Yes	July 2004 Safety of construction activities is being observed with protective fences around areas of excavation and the mine lease boundary has been fenced to restrict entry of persons and stock.

12	**Rehabilitation**			
	Land disturbed must be rehabilitated to a stable and permanent form suitable for a subsequent land use acceptable to the Director-General and in accordance with the Mining Operations Plan……	Initial Mining Operations Plan – Cowal Gold Project March 2004 Land management Plan Oct 2003 Cowal Gold Project 2005-2007 Mining Operations Plan, March 2005 Letter from DMR re Mining Operations Plan – meets the Department's requirements, 18 Mar 2005 Letter to DPI re Submission of two hard copies of Cowal Gold Project Mining Operations Plan, 22 March 2005	N/A	July 2004 No rehabilitation has yet been undertaken within the mining lease area. Rehabilitation of the TSR and new road alignment has been completed. January 2005 Initial rehabilitation has been conducted on the temporary and permanent bund areas. June 2005 Mining Operations Plan submitted to the DPI in March 2005 for comment and two hard copies of the Plan were submitted to DPI on 22 March 2005. June 2006 Contouring, spreading of topsoil and preparation of the surface of the perimeter waste emplacement area on the eastern side of the mine pit has occurred ready for seeding when the weather conditions are conducive. The dry conditions have dictated the progress of the revegetation of areas where rehabilitation works have started.
13	The lease holder must comply with any direction given by the Director-General regarding the stabilisation and revegetation of any mine residues, tailing or overburden dumps situated on the lease area.		Noted	

14	**Prevention of Soil Erosion and Pollution**			
	Operations must be carried out in a manner that does not cause or aggravate air pollution, water pollution (including sedimentation) or soil contamination or erosion unless otherwise authorised by a relevant approval and in accordance with the Mining Operations Plan……	Initial Mining Operations Plan – Cowal Gold Project March 2004 Erosion and Sediment Control Management Plan Sep 2003 Dust Management Plan Sep 2003 Letter to DPI Seeking Approval of ESCMP - Process Plant Area Earthworks, 27 Jul 2004 Letter from DPI re Approval of ESCMP - Process Plan Area Earthworks, 27 Jul 2004. Letter to DPI re Authorization for cover crop for Catchment Diversion System and Permanent Catchment Divide species, 25 Aug 2004. Letter from DPI - Concurrence with proposed revegetation species, 9 Sep 2004	Yes	July 2004 Specific Erosion and Sediment Control Management Plans are prepared for each stage of the construction works and submitted to EPA and DLWC for approval prior to commencement of that stage of the works. January 2005 The construction activities undertaken at the CGP have been in accordance with the approved erosion and sediment control plans submitted to the DPI and DEC. June 2005 to June 2006 The operations being undertaken in accordance with the Mining Operations Plan submitted to DPI in March 2005.
15	**Transmission lines, Communication lines and Pipelines**			
	Operations must not interfere with or impair the stability or efficiency of any transmission line, communications line or pipeline or other utility on the area ……		Yes	July 2004 Relocation of Telstra cables and power lines within the ML boundary occurred during construction in the 1st quarter of 2004.
16	**Fences and gates**			
	(a) Activities on the lease must not interfere with or damage fences without the prior written approval of the owner …..		Not applicable	Barrick is the registered proprietor of the land on which the mining lease is located.

17	**Roads**			
	(a) Operations must not affect any road unless in accordance with an accepted Mining Operations plan or with the prior approval of the Director-General…… (b) The lease holder must pay the local council, DLWC or the RTA the cost incurred in fixing any damage to roads caused by the operations carried out under this lease……		Yes	July 2004 Barrick are working the Bland Shire Council on relation to construction of the access road to the mine and up keep on the existing roads to the mine lease area from West Wyalong. January 2005 The external mine access road is being constructed by the BSC and is planned for completion by the 3rd quarter 2005. June 2005 Sections of the external access road are sealed to the site with the remainder of the access route to be completed in the 3rd quarter 2005. December 2005 The external access route to the CGP site has been sealed and there is still some widening works occurring at the southern end of the route. June 2006 The external road access route to the CGP site from West Wyalong is completed and in use for traffic to and from the mine site.
18	Access tracks must be kept to a minimum and be positioned so that they do not cause any unnecessary damage to the land……		Yes	Access tracks within the mining lease area are designed within the mine plan development and any temporary access tracks will be rehabilitated when they are no longer required.
19	**Trees and Timber**			
	(c) The lease holder must not cut, destroy, ringbark or remove any timber or other vegetative cover on the lease except such as directly obstructs or prevents the carrying out of operations…..	Vegetation Clearance Protocol	Yes	Barrick is retaining any trees within the mining lease not in the path of the project development. Approval to remove any trees or vegetative cover within the mining lease area must be obtained from the Environmental Manager prior to removal.
23	**Security**			
	(a) Securities as indicated below must be lodged with the Minister by the lease holder for the purpose of ensuring the fulfilment by the lease holder of the obligations under this lease……..	Security Certificate No. 5034063002, Citigroup	Yes	July 2004 An initial $25,000 was deposited on approval of the ML on 13 June 2003 and the remainder of the security deposit of $11,750,000 as specified in the Mine Lease, was lodged by BDW for Barrick in March 2004.

24	**Mine Safety Plan**			
	Prior to commencement of any construction activities on the lease area and as required by the Director-General the lease holder must prepare a Mine Safety Plan to ensure the Mine Safety General Rule 2000 is adhered to.	Mine Safety Plan	Yes	Mine Safety Plan has been developed and submitted to the DMR.
25	Mining Rehabilitation, Environmental Management Process (MREMP) Mining Operations Plan (MOP)	Meeting Agenda 31 March 2004 Annual Environmental Management Report Meeting Mining Operations Plan 2005-2007 Letter from DPI re Acceptance of Mining Operations Plan, 18 March 2005	Yes	<u>July 2004</u> A meeting was held with of the Mining, Rehabilitation and Environmental Management Process Committee (MREMP) on 31 March 2004 to discuss the Annual Environmental Management Report. The participants included DMR, EPA, DLWC, Councils, Dam Safety Committee and National Parks and Lands representatives.
	(1) Mining operations, including mining purposes, must be conducted in accordance with the MOP satisfactory to the Director-General……		N/A	<u>January 2005</u> The Mining Operations Plan is currently being prepared for submission to DPI prior to commencement of mining. <u>June 2005</u> Mining Operations Plan was submitted to DPI in March 2005. DPI advised of satisfaction that second draft of MOP meets DPI requirements.
	(9) An Initial Mining Operations Plan must be submitted prior to commencement of construction on the site ……..	Initial Mining Operations Plan Cowal Gold Project Mar 2004	Yes	
26	**Annual Environmental Management Report (AEMR)**			
	(1) Within 12 of the commencement of mining operations and thereafter annually ….. the lease holder must lodge an AEMR with the Director-General.	Meeting Agenda 31 March 2004 Annual Environmental Management Report Meeting Annual Environmental Management Report 2003-2004 Letter to DPI re Submission of AEMR, 22 March 2005 2005 Annual Environmental Management Report, submitted 23 March 2006	N/A	<u>July 2004</u> A meeting was held with of the Mining, Rehabilitation and Environmental Management Process Committee (MREMP) on 31 March 2004 to discuss the Annual Environmental Management Report. <u>June 2005</u> The 2003-2004 AEMR was prepared and a presentation to the government authorities conducted in March 2005. Copies of the AEMR were also submitted in March 2005. <u>June 2006</u> The 2005 AEMR was prepared and a presentation to the government authorities conducted in May 2006.

27	(a) Ground Vibration The lease holder must ensure that ground vibration peak particle velocity generated by any blasting within the lease area does not exceed 10mm/sec and does not exceed 5mm/sec in more than 5% of the total number of blasts over a period of 12 months at any dwelling or occupied premises, not owned by the lease holder or a related corporation, unless determined otherwise by the EPA.		Yes	June 2006 Blasting that occurred from January to June 2006, did not exceed trigger the vibration monitors on any occasion. All results recorded were less than 5mm/sec.
	(b) Blast Overpressure The lease holder must ensure that the blast overpressure noise level generated by any blasting within the lease area does not exceed 120dB(linear) and does not exceed 115 db(linear) in more than 5% of the total number of blasts over a period of 12 months, at any dwelling or occupied premises, not owned by the lease holder or a related corporation, unless determined otherwise by the EPA.		Yes	June 2006 Blasting that occurred from January to June 2006, did not exceed the overpressure limit of 115dB (Lin peak) on any occasion.
28	**Use of Cyanide**			
	The lease holder must not use cyanide or any solution containing cyanide for the recovery of minerals on the lease area without the prior written approval of the Minister and subject to any conditions he may stipulate.	Letter from DPI re Cyanide Use on Mining Lease 1535, Cowal Gold Mine, 17 January 2006	Yes	June 2006 Letter of approval received from DPI in January 2006 for use of cyanide in the CGP process plant.
29	**Control of Operations**			
	(a) If an Environmental Officer of the DMW believes that the lease holder is not complying with any provision of the Act or any condition of this lease relating to the working of the lease, he may direct the lease holder to: (i) cease working the lease; (ii) cease that part of the operation not complying with the Act or conditions; Until in the opinion of the Environmental Officer the situation is rectified. (c) The lease holder must comply with any written direction given. The Director-General may confirm, vary or revoke any such direction. (d) A written direction referred to in this condition may be served on the Mine Manager.		Noted	

APPENDIX D BORE LICENCE CERTIFICATES

Appendix D
Groundwater Bore Licence Certificates – Cowal Gold Project

Purpose	Licence no.	Date granted	Expiry date	Lot	DP	Parish	County
Production	70BL228907	12-Dec-03	11-Dec-08	Lot 23	753097	Lake	Gipps
Production	70BL228375	13-Jan-03	12-Jan-08	Lot 23	753097	Lake	Gipps
Production	70BL229248	19-Dec-03	18-Dec-08	Road East Lot 91	753077	Cadalgulee	Gipps
Production	70BL229249	6-May-04	21-Dec-08	Road North Lot 105	753077	Cadalgulee	Gipps
Production	70BL229250	6-May-04	21-Dec-08	TSR 84719 (7002 ref)	753077	Cadalgulee	Gipps
Production	70BL229251	6-May-04	21-Dec-08	Road adj Lot 55	753089	Gibrigal	Gipps
Monitoring	70BL230577	23-Mar-05	Perpetuity	Lot 23	753097	Lake	Gipps
Monitoring	70BL230578	23-Mar-05	Perpetuity	Lot 23	753097	Lake	Gipps
Monitoring	70BL230579	23-Mar-05	Perpetuity	Lot 23	753097	Lake	Gipps
Monitoring	70BL230580	23-Mar-05	Perpetuity	Lot 23	753097	Lake	Gipps
Monitoring	70BL230581	23-Mar-05	Perpetuity	Lot 23	753097	Lake	Gipps
Monitoring	70BL230582	23-Mar-05	Perpetuity	Lot 23	753097	Lake	Gipps
Monitoring	70BL230583	23-Mar-05	Perpetuity	Lot 23	753097	Lake	Gipps
Monitoring	70BL230584	23-Mar-05	Perpetuity	Lot 24	753097	Lake	Gipps
Monitoring	70BL230585	23-Mar-05	Perpetuity	Lot 24	753097	Lake	Gipps
Monitoring	70BL230586	23-Mar-05	Perpetuity	Lot 7001	1029713	Lake	Gipps
Monitoring	70BL230587	23-Mar-05	Perpetuity	Lot 7001	1029713	Lake	Gipps
Monitoring	70BL230588	23-Mar-05	Perpetuity	Lot 7001	1029713	Lake	Gipps
Monitoring	70BL230589	23-Mar-05	Perpetuity	Lot 7001	1029713	Lake	Gipps
Monitoring	70BL230590	23-Mar-05	Perpetuity	Lot 7001	1029713	Lake	Gipps
Monitoring	70BL230591	24-Mar-05	Perpetuity	Crown Land North of Lot 23	753097	Lake	Gipps
Monitoring	70BL230592	24-Mar-05	Perpetuity		753097	Lake	Gipps
Monitoring	70BL230593	24-Mar-05	Perpetuity		753097	Lake	Gipps
Monitoring	70BL230594	24-Mar-05	Perpetuity		753097	Lake	Gipps
Monitoring	70BL230595	24-Mar-05	Perpetuity		753097	Lake	Gipps
Monitoring	70BL229727	2-Feb-04	Perpetuity	Lot 7	753083	Corringle	Gipps
Monitoring	70BL230301	28-Sep-04	Perpetuity	Lot 7	753083	Corringle	Gipps
Monitoring	70BL230302	28-Sep-04	Perpetuity	Lot 7	753083	Corringle	Gipps
Monitoring	70BL229746	20-Feb-04	Perpetuity	Lot 2	530299	Lake	Gipps
Monitoring	70BL230065/ 70BL230306	28-Sep-04	Perpetuity	Lot 2	530299	Lake	Gipps
Monitoring	70BL230063/ 70BL230307	28-Sep-04	Perpetuity	Lot 2	530299	Lake	Gipps
Monitoring	70BL229655	15-Apr-04	Perpetuity	Former Gxame Reserve		Lake	Gipps
Monitoring	70BL229756	20-Feb-04	Perpetuity	Lot 23	753097	Lake	Gipps
Monitoring	70BL230304	28-Sep-04	Perpetuity	Lot 23	753097	Lake	Gipps
Monitoring	70BL229759	20-Feb-04	Perpetuity	Lot 23	753097	Lake	Gipps
Monitoring	70BL230062/ 70BL230303	28-Sep-04	Perpetuity	Lot 23	753097	Lake	Gipps
Monitoring	70BL229747	20-Feb-04	Perpetuity	Lot 24	753097	Lake	Gipps
Monitoring	70BL230305	28-Sep-04	Perpetuity	Lot 24	753097	Lake	Gipps
Monitoring	70BL230299	28-Sep-04	Perpetuity	Lot 7	753083	Corringle	Gipps
Monitoring	70BL230300	28-Sep-04	Perpetuity	Lot 7	753083	Corringle	Gipps
Monitoring	70BL230308	28-Sep-04	Perpetuity	Lot 107	1059150	Corringle	Gipps

Purpose	Licence no.	Date granted	Expiry date	Lot	DP	Parish	County
Monitoring	70BL230309	28-Sep-04	Perpetuity	Lot 107	1059150	Corringle	Gipps
Monitoring	70BL229726	02-Feb-04/ 19-May-95	Perpetuity	Lot 23	530299	Lake	Gipps
Monitoring	70BL229653	15-April-04/ 10-Nov-94	Perpetuity	Rd Res. Adj Lot 68	753077	Cadalgulee	Gipps
Monitoring	70BL229652	15-April-04/ 10-Nov-94	Perpetuity	Rd Res. Adj Lot 66	753077	Cadalgulee	Gipps
Monitoring	70BL229650	15-April-04/ 10-Nov-94	Perpetuity	Rd Res. Adj Lot 18	753129	Cadalgulee	Gipps
Monitoring	70BL229725	02-Feb-04/ 19-May-95	Perpetuity	Lot 23		Lake	Gipps
Monitoring	70BL226558	10-Jul-97	Perpetuity	Lot 12	753083	Corringle	Gipps
Monitoring	70BL226558	10-Jul-97	Perpetuity	Lot 12	753083	Corringle	Gipps
Monitoring	70BL226558	10-Jul-97	Perpetuity	Lot 12	753083	Corringle	Gipps
Monitoring	70BL226558	10-Jul-97	Perpetuity	Lot 12	753083	Corringle	Gipps
Monitoring	70BL229640	15-April-04/ 10-July -97	Perpetuity	Closed Road Within Lot 44	753083	Corringle	Gipps
Monitoring	70BL229639	15-April-04/ 10-July -97	Perpetuity		753083	Corringle	Gipps
Monitoring	70BL226558	10-Jul-97	Perpetuity	Lot 3	753083	Corringle	Gipps
Monitoring	70BL226558	10-Jul-97	Perpetuity	Lot 3	753083	Corringle	Gipps
Monitoring	70BL226558	10-Jul-97	Perpetuity	Lot 9	753083	Corringle	Gipps
Monitoring	70BL226558	10-Jul-97	Perpetuity	Lot 9	753083	Corringle	Gipps
Monitoring	70BL226558	10-Jul-97	Perpetuity	Lot 9	753083	Corringle	Gipps
Monitoring	70BL226558	10-Jul-97	Perpetuity	Lot 9	753083	Corringle	Gipps
Monitoring	70BL226558	10-Jul-97	Perpetuity	Lot 9	753083	Corringle	Gipps
Monitoring	70BL226558	10-Jul-97	Perpetuity	Lot 9	753083	Corringle	Gipps
Monitoring	70BL229654	15-Apr-04	Perpetuity	Closed TSR 17085 (7001 ref)		Lake	Gipps
Monitoring	70BL229642	15-Apr-04	Perpetuity		1029713	Lake	Gipps
Monitoring	70BL229643	15-Apr-04	Perpetuity		1029713	Lake	Gipps
Monitoring	70BL229644	15-Apr-04	Perpetuity		1029713	Lake	Gipps
Monitoring	70BL229645	15-Apr-04	Perpetuity		1029713	Lake	Gipps
Monitoring	70BL229646	15-Apr-04	Perpetuity		1029713	Lake	Gipps
Monitoring	70BL229641	15-Apr-04	Perpetuity		1029713	Lake	Gipps
Monitoring	70BL230374	19-Nov-04	Perpetuity	Lot 2	530299	Lake	Gipps
Monitoring	70BL230381	19-Nov-04	Perpetuity	Lot 23	753097	Lake	Gipps
Monitoring	70BL230375	19-Nov-04	Perpetuity	Lot 23	753097	Lake	Gipps
Monitoring	70BL230376	19-Nov-04	Perpetuity	Lot 24	753097	Lake	Gipps
Monitoring	70BL230377	19-Nov-04	Perpetuity	Lot 24	753097	Lake	Gipps
Monitoring	70BL230378	19-Nov-04	Perpetuity	Lot 105	1059150	Corringle	Gipps
Monitoring	70BL230379	19-Nov-04	Perpetuity	Lot 104	1059150	Corringle	Gipps
Monitoring	70BL230380	19-Nov-04	Perpetuity	Lot 7	753083	Corringle	Gipps
Monitoring	70BL230383	19-Nov-04	Perpetuity	Lot 104	1059150	Corringle	Gipps
Monitoring	70BL230384	19-Nov-04	Perpetuity	Lot 105	1059150	Corringle	Gipps
Monitoring	70BL226125	19-May-95	Perpetuity	Lot 11	753097	Corringle	Gipps
Monitoring	70BL226125	19-May-95	Perpetuity	Lot 11	753077	Corringle	Gipps
Monitoring	70BL226125	19-May-95	Perpetuity	Lot 12	753077	Corringle	Gipps
Monitoring	70BL226125	19-May-95	Perpetuity	Lot 12	753077	Corringle	Gipps
Monitoring	70BL226125	19-May-95	Perpetuity	Lot 3	753089	Corringle	Gipps
Monitoring	70BL226125	19-May-95	Perpetuity	Lot 3	753083	Corringle	Gipps
Monitoring	70BL226125	19-May-95	Perpetuity	Lot 3	753083	Corringle	Gipps

Purpose	Licence no.	Date granted	Expiry date	Lot	DP	Parish	County
Monitoring	70BL226125	19-May-95	Perpetuity	Lot 3	753083	Corringle	Gipps
Monitoring	70BL226125	19-May-95	Perpetuity	Lot 3	530299	Corringle	Gipps
Monitoring	70BL226125	19-May-95	Perpetuity	Lot 3	530299	Corringle	Gipps
Monitoring	70BL226125	19-May-95	Perpetuity	Lot 7	753097	Corringle	Gipps
Monitoring	70BL226125	19-May-95	Perpetuity	Lot 7	753097	Corringle	Gipps
Monitoring	70BL226125	19-May-95	Perpetuity	Lot 7	753097	Corringle	Gipps
Monitoring	70BL226125	19-May-95	Perpetuity	Lot 7	753083	Corringle	Gipps
Monitoring	70BL229757	20-Feb-04	Perpetuity	Lot 23	753097	Lake	Gipps
Monitoring	70BL229758	20-Feb-04	Perpetuity	Lot 23	753097	Lake	Gipps
Monitoring	70BL229748	20-Feb-04	Perpetuity	Lot 23	753097	Lake	Gipps
Monitoring	70BL229749	20-Feb-04	Perpetuity	Lot 23	753097	Lake	Gipps
Monitoring	70BL229750	20-Feb-04	Perpetuity	Lot 23	753097	Lake	Gipps
Monitoring	70BL229752	20-Feb-04	Perpetuity	Lot 23	753097	Lake	Gipps
Monitoring	70BL229753	20-Feb-04	Perpetuity	Lot 23	753097	Lake	Gipps
Monitoring	70BL229754	20-Feb-04	Perpetuity	Lot 23	753097	Lake	Gipps
Monitoring	70BL229755	20-Feb-04	Perpetuity	Lot 23	753097	Lake	Gipps
Monitoring	70BL229751	20-Feb-04	Perpetuity	Lot 23	753097	Lake	Gipps
Monitoring	70BL229637	15-April-04/ 19-May-95	Perpetuity	On Road Reserve inside Lot 44	753083	Corringle	Gipps
Monitoring	70BL229638	15-April-04/ 19-May-95	Perpetuity	On Road Reserve inside Lot 44	753083	Corringle	Gipps
Monitoring	70BL229648	15-Apr-04	Perpetuity	TSR84719 (7002 ref)	753077	Cadalgulee	Gipps
Monitoring	70BL229647	15-Apr-04	Perpetuity	TSR84719 (7002 ref)	753077	Cadalgulee	Gipps
Monitoring	70BL229649	15-April-04/ 10-Nov-94	Perpetuity	Rd Res. Adj Lot 12	753089	Gibrigal	Gipps
Monitoring	70BL229651	15-April-04/ 10-Nov-94	Perpetuity	Rd Res. Adj Lot 55	753089	Gibrigal	Gipps
Monitoring	70BL153673	21-Dec-93	Perpetuity	Portion 23		Corringle	Gipps
Monitoring	70BL153674	21-Dec-93	Perpetuity	TSR 36256		Cadalgulee	Gipps
Test	70BL228999	6-Feb-03	Perpetuity	Lot 23	753097	Lake	Gipps
Test	70BL229001	6-Feb-03	Perpetuity	Lot 23	753097	Lake	Gipps
Test	70BL229000	6-Feb-03	Perpetuity	Lot 23	753097	Lake	Gipps
Dewatering (test)	70BL230110	1-Jul-04	Perpetuity	Former Game Reserve		Lake	Gipps
Dewatering (test)	70BL230116	2-Jul-04	Perpetuity	Lot 23	753097	Lake	Gipps
Dewatering (test)	70BL230117	2-Jul-04	Perpetuity	Lot 23	753097	Lake	Gipps
Dewatering (test)	70BL230118	2-Jul-04	Perpetuity	Lot 23	753097	Lake	Gipps
Dewatering (test)	70BL230119	2-Jul-04	Perpetuity	Lot 23	753097	Lake	Gipps
Dewatering (test)	70BL230115	2-Jul-04	Perpetuity	Lot 23	753097	Lake	Gipps
Dewatering (test)	70BL230097	2-Jul-04	Perpetuity	Lot 24	753097	Lake	Gipps

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Dewatering (test)	70BL230095	1-Jul-04	Perpetuity	Lot 24	753097	Lake	Gipps
Dewatering (test)	70BL230093	1-Jul-04	Perpetuity	Lot 24	753097	Lake	Gipps
Dewatering (test)	70BL230092	1-Jul-04	Perpetuity	Lot 24	753097	Lake	Gipps
Dewatering (test)	70BL230091	1-Jul-04	Perpetuity	Lot 24	753097	Lake	Gipps
Dewatering (test)	70BL230100	1-Jul-04	Perpetuity	Lot 24	753097	Lake	Gipps
Dewatering (test)	70BL230099	1-Jul-04	Perpetuity	Lot 24	753097	Lake	Gipps
Dewatering (test)	70BL230096	1-Jul-04	Perpetuity	Lot 24	753097	Lake	Gipps
Dewatering (test)	70BL230105	2-Jul-04	Perpetuity	Lot 23	753097	Lake	Gipps
Dewatering (test)	70BL230103	2-Jul-04	Perpetuity	Lot 23	753097	Lake	Gipps
Dewatering (test)	70BL230098	2-Jul-04	Perpetuity	Lot 23	753097	Lake	Gipps
Dewatering (test)	70BL230109	2-Jul-04	Perpetuity	Lot 23	753097	Lake	Gipps
Dewatering (test)	70BL230101	1-Jul-04	Perpetuity	Closed TSR 17085		Lake	Gipps
Dewatering (test)	70BL230102	1-Jul-04	Perpetuity	Closed TSR 17085		Lake	Gipps
Dewatering (test)	70BL230104	1-Jul-04	Perpetuity	Closed TSR 17085		Lake	Gipps
Dewatering (test)	70BL230108	1-Jul-04	Perpetuity	Former Game Reserve		Lake	Gipps
Dewatering (test)	70BL230106	1-Jul-04	Perpetuity			Lake	Gipps
Dewatering (test)	70BL230113	1-Jul-04	Perpetuity			Lake	Gipps
Dewatering (test)	70BL230111	2-Jul-04	Perpetuity	Lot 23	753097	Lake	Gipps
Dewatering (test)	70BL230112	2-Jul-04	Perpetuity	Lot 23	753097	Lake	Gipps
Dewatering (test)	70BL230114	2-Jul-04	Perpetuity	Lot 23	753097	Lake	Gipps
Dewatering (test)	70BL230094	2-Jul-04	Perpetuity	Lot 24	753097	Lake	Gipps
Dewatering (test)	70BL230090	2-Jul-04	Perpetuity	Lot 24	753097	Lake	Gipps
Dewatering (test)	70BL230107	2-Jul-04	Perpetuity	Lot 23	753097	Lake	Gipps
Test	70BL231071	6-Mar-06	Perpetuity	Lot 7001	1029713	Lake	Gipps
Test	70BL231072	6-Mar-06	Perpetuity	Lot 7001	1029713	Lake	Gipps
Test	70BL231073	6-Mar-06	Perpetuity	Crown Land North of Lot 23	753097	Lake	Gipps
Test	70BL231074	6-Mar-06	Perpetuity		753097	Lake	Gipps
Test	70BL231075	6-Mar-06	Perpetuity		753097	Lake	Gipps
Test	70BL231076	6-Mar-06	Perpetuity		753097	Lake	Gipps
Test	70BL231077	6-Mar-06	Perpetuity		753097	Lake	Gipps

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Test	70BL231078	6-Mar-06	Perpetuity		753097	Lake	Gipps
Test	70BL231080	6-Mar-06	Perpetuity	Lot 23	753097	Lake	Gipps
Test	70BL231081	6-Mar-06	Perpetuity	Lot 23	753097	Lake	Gipps
Test	70BL231082	6-Mar-06	Perpetuity	Lot 23	753097	Lake	Gipps
Test	70BL231083	6-Mar-06	Perpetuity	Lot 23	753097	Lake	Gipps
Test	70BL231084	6-Mar-06	Perpetuity	Lot 23	753097	Lake	Gipps
Test	70BL31085	6-Mar-06	Perpetuity	Lot 23	753097	Lake	Gipps
Test	70BL31086	6-Mar-06	Perpetuity	Lot 23	753097	Lake	Gipps
Test	70BL31087	6-Mar-06	Perpetuity	Lot 23	753097	Lake	Gipps
Test	70BL31088	6-Mar-06	Perpetuity	Lot 24	753097	Lake	Gipps
Test	70BL31089	6-Mar-06	Perpetuity	Lot 24	753097	Lake	Gipps
Test	70BL31090	6-Mar-06	Perpetuity	Lot 25	753097	Lake	Gipps
Test	70BL31091	6-Mar-06	Perpetuity	Lot 25	753097	Lake	Gipps
Test	70BL31092	6-Mar-06	Perpetuity	Lot 25	753097	Lake	Gipps
Test	70BL31093	6-Mar-06	Perpetuity	Lot 25	753097	Lake	Gipps
Test	70BL31094	6-Mar-06	Perpetuity	Lot 25	753097	Lake	Gipps
Dewatering (extraction)	70BL230225	6-Jan-05	5-Jan-10	Closed TSR 17085		Lake	Gipps
Dewatering (extraction)	70BL230234	6-Jan-05	5-Jan-10	Lot 23	753097	Lake	Gipps
Dewatering (extraction)	70BL230229	6-Jan-05	5-Jan-10	Lot 23	753097	Lake	Gipps
Dewatering (extraction)	70BL230230	6-Jan-05	5-Jan-10	Lot 23	753097	Lake	Gipps
Dewatering (extraction)	70BL230231	6-Jan-05	5-Jan-10	Lot 23	753097	Lake	Gipps
Dewatering (extraction)	70BL230219	6-Jan-05	5-Jan-10	Lot 23	753097	Lake	Gipps
Dewatering (extraction)	70BL230232	6-Jan-05	5-Jan-10	Lot 24	753097	Lake	Gipps
Dewatering (extraction)	70BL230233	6-Jan-05	5-Jan-10	Lot 24	753097	Lake	Gipps
Dewatering (extraction)	70BL230211	6-Jan-05	5-Jan-10	Lot 24	753097	Lake	Gipps
Dewatering (extraction)	70BL230212	6-Jan-05	5-Jan-10	Lot 24	753097	Lake	Gipps
Dewatering (extraction)	70BL230213	6-Jan-05	5-Jan-10	Lot 24	753097	Lake	Gipps
Dewatering (extraction)	70BL230214	6-Jan-05	5-Jan-10	Lot 24	753097	Lake	Gipps
Dewatering (extraction)	70BL230215	6-Jan-05	5-Jan-10	Lot 24	753097	Lake	Gipps
Dewatering (extraction)	70BL230216	6-Jan-05	5-Jan-10	Lot 24	753097	Lake	Gipps
Dewatering (extraction)	70BL230220	6-Jan-05	5-Jan-10	Lot 23	753097	Lake	Gipps
Dewatering (extraction)	70BL230221	6-Jan-05	5-Jan-10	Lot 23	753097	Lake	Gipps
Dewatering (extraction)	70BL230222	6-Jan-05	5-Jan-10	Lot 23	753097	Lake	Gipps
Dewatering (extraction)	70BL230206	6-Jan-05	5-Jan-10	Lot 23	753097	Lake	Gipps

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Dewatering (extraction)	70BL230224	6-Jan-05	5-Jan-10	Closed TSR 17085		Lake	Gipps
Dewatering (extraction)	70BL230223	6-Jan-05	5-Jan-10	Closed TSR 17085		Lake	Gipps
Dewatering (extraction)	70BL230226	6-Jan-05	5-Jan-10	Crown Land North of Lot 23 (Former Game Reserve)		Lake	Gipps
Dewatering (extraction)	70BL230227	6-Jan-05	5-Jan-10			Lake	Gipps
Dewatering (extraction)	70BL230228	6-Jan-05	5-Jan-10			Lake	Gipps
Dewatering (extraction)	70BL230205	6-Jan-05	5-Jan-10			Lake	Gipps
Dewatering (extraction)	70BL230207	6-Jan-05	5-Jan-10	Lot 23	753097	Lake	Gipps
Dewatering (extraction)	70BL230208	6-Jan-05	5-Jan-10	Lot 23	753097	Lake	Gipps
Dewatering (extraction)	70BL230209	6-Jan-05	5-Jan-10	Lot 23	753097	Lake	Gipps
Dewatering (extraction)	70BL230217	6-Jan-05	5-Jan-10	Lot 24	753097	Lake	Gipps
Dewatering (extraction)	70BL230218	6-Jan-05	5-Jan-10	Lot 24	753097	Lake	Gipps
Dewatering (extraction)	70BL230210	6-Jan-05	5-Jan-10	Lot 23	753097	Lake	Gipps