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Published 29 January 2009

Statement No. 782

**STATEMENT THAT A REVISED PROPOSAL MAY BE IMPLEMENTED
(PURSUANT TO THE PROVISIONS OF THE
ENVIRONMENTAL PROTECTION ACT 1986)**

**FIMISTON GOLD MINE OPERATIONS EXTENSION (STAGE 3)
AND MINE CLOSURE PLANNING**

Proposal: The continuation of mining operations at the Fimiston site, and expansion and deepening of the Superpit to 600 metres via the Golden Pike Cutback. Additional waste dumps will be created to the north of the pit to contain 140 million tonnes of waste rock. The Fimiston I and II tailings storage facilities and/or the Kaltails tailings storage facility will be expanded to contain the additional tailings.

Proponent: Kalgoorlie Consolidated Gold Mines Pty Ltd

Proponent Address: Private Mail Bag 27, KALGOORLIE WA 6433

Assessment Number: 1581

Previous Assessment Number: 248

Previous Statement Number: 188

Report of the Environmental Protection Authority: Bulletin 1273

Previous Reports of the Environmental Protection Authority: Bulletins 539; 1270

Minister's appeal determination: 158 to 206 of 2007

The revised proposal to which the above reports of the Environmental Protection Authority relate may be implemented by the proponent subject to the following conditions and procedures. Where the conditions of this statement are in conflict with the conditions of Statement No. 188, these conditions shall prevail.

1 Proposal Implementation

1-1 The proponent shall implement the proposal as documented and described in schedule 1 of this statement subject to the conditions and procedures of this statement.

2 Proponent Nomination and Contact Details

2-1 The proponent for the time being nominated by the Minister for the Environment under sections 38(6) or 38(7) of the *Environmental Protection Act 1986* is responsible for the implementation of the proposal.

2-2 The proponent shall notify the Chief Executive Officer of the Department of Environment and Conservation (CEO) of any change of the name and address of the proponent for the serving of notices or other correspondence within 30 days of such change.

3 Time Limit of Authorisation

3-1 The authorisation to implement the proposal provided for in this statement shall lapse and be void within five years after the date of this statement if the proposal to which this statement relates is not substantially commenced.

3-2 The proponent shall provide the CEO with written evidence which demonstrates that the proposal has substantially commenced on or before the expiration of five years from the date of this statement.

4 Compliance Reporting

4-1 The proponent shall submit to the CEO environmental compliance reports annually reporting on the previous twelve-month period, unless required by the CEO to report more frequently.

4-2 The environmental compliance reports shall address each element of an audit program approved by the CEO and shall be prepared and submitted in a format acceptable to the CEO.

4-3 The environmental compliance reports shall:

1. be endorsed by signature of the proponent's chief executive officer or a person, approved in writing by the CEO, delegated to sign on behalf of the proponent's chief executive officer;
2. state whether the proponent has complied with each condition and procedure contained in this statement;
3. provide verifiable evidence of compliance with each condition and procedure contained in this statement;

4. state whether the proponent has complied with each key action contained in any environmental management plan or program required by this statement;
5. provide verifiable evidence of conformance with each key action contained in any environmental management plan or program required by this statement;
6. identify all non-compliances and non-conformances and describe the corrective and preventative actions taken in relation to each non-compliance or non-conformance;
7. review the effectiveness of all corrective and preventative actions taken; and
8. describe the state of implementation of the proposal.

4-4 The proponent shall make the environmental compliance reports required by condition 4-1 publicly available in a manner approved by the CEO.

5 Performance Review

5-1 The proponent shall submit a Performance Review report every five years after the start of mining activities forming part of the expanded and revised proposal to the Environmental Protection Authority, which addresses:

1. the major environmental issues associated with implementing the project; the environmental objectives for those issues; the methodologies used to achieve these; and the key indicators of environmental performance measured against those objectives;
2. the level of progress in the achievement of sound environmental performance, including industry benchmarking, and the use of best available technology where practicable;
3. significant improvements gained in environmental management, including the use of external peer reviews;
4. stakeholder and community consultation about environmental performance and the outcomes of that consultation, including a report of any on-going concerns being expressed; and
5. the proposed environmental objectives over the next five years, including improvements in technology and management processes.

5-2 The proponent shall make the Performance Review reports required by condition 5-1 publicly available in a manner approved by the CEO.

5-3 The proponent shall appoint and fund an independent environmental auditor for an initial period of eighteen months to report to the community through the community

reference group and to the Minister for the Environment on the environmental performance of the proponent. The auditor shall:

1. check on compliance with the Ministerial Conditions contained in this Statement;
2. report on the results of dust monitoring and actions taken where dust levels have exceeded set criteria and can be attributable to the proponent;
3. report on consistency with the noise criteria set through the Regulation 17 approval process;
4. report on compliance with conditions set in the licence and performance against environmental criteria set by the licence;
5. report six monthly to the community reference group any non-compliance of conditions or inconsistency with environment criteria as soon as practicable after identifying that non-compliance or inconsistency; and
6. carry out an overall review after eighteen months and advise the Minister for the Environment as to whether the independent auditing should continue.

5-4 Subject to the outcomes of the eighteen month review described in item 6 of condition 5-3, the proponent will continue to fund the independent environmental auditor after the initial period of eighteen months for such time as determined by the Minister for the Environment.

6 Dumping of Waste within five hundred metres of Residences

6-1 Prior to the dumping of waste within five hundred metres of residences, the proponent shall prepare and implement a management plan for waste dumping to ensure that there is no unacceptable detrimental effect on the residents, to the requirements of the Minister for the Environment on advice of the Department of Environment and Conservation.

6-2 In the preparation of the management plan for waste dumping required by condition 6-1, the proponent shall consult with residents within five hundred metres of the dumping of waste and the environmental health staff of the City of Kalgoorlie-Boulder.

7 Air Quality

7-1 Within three months following the issuing of the notice to the decision-making authorities under section 45(7) of the *Environmental Protection Act 1986*, the proponent shall implement the Air Quality Management Plan (September 2007) to the requirements of the Minister for the Environment on advice of the Department of Environment and Conservation and the Department of Health.

- 7-2 The proponent shall review the Air Quality Management Plan referred to in condition 7-1 at twelve-monthly intervals, unless otherwise required by the Environmental Protection Authority, and shall amend the Plan to the requirements of the Minister for the Environment on advice of the Department of Environment and Conservation and the Department of Health.
- 7-3 The proponent shall implement the amended Air Quality Management Plan required by condition 7-2.
- 7-4 The proponent shall only detonate explosives at surface level on the premises when wind directions favour the carriage of dust away from the residential areas of Kalgoorlie-Boulder, unless undertaken in accordance with regulation 8.28 (4) of the *Mines Safety and Inspection Regulations 1995*.
- 7-5 The proponent shall make available continuous dust monitoring data on their website within 24 hours of the recording of that data.
- 7-6 The proponent shall install two additional dust monitoring stations, which are to be co-located with the existing wind speed and wind direction monitoring stations.
- 7-7 The proponent shall keep and make publicly available a register of complaints regarding air emissions; investigate those complaints; and keep a record of the investigations and actions taken with regard to the complaint.

8 Noise

- 8-1 The proponent shall not conduct any mining activities forming part of the expanded and revised proposal unless and until approval has been granted under regulation 17(7) of the *Environmental Protection (Noise) Regulations 1997*.

Note: In this condition “mining activities” does not include construction work within the meaning of regulation 13 of the *Environmental Protection (Noise) Regulations 1997*.

- 8-2 The proponent shall undertake noise modelling to determine whether a special control area is required in accordance with the Goldfields-Esperance Regional Planning Strategy.
- 8-3 The proponent shall consult with the Western Australian Planning Commission, Department of Planning and Infrastructure, and the City of Kalgoorlie-Boulder in the implementation of Condition 8-2.

9 Airblast Overpressure and Vibration from Blasting

- 9-1 The proponent shall only detonate explosives on the premises between the hours of 0700 hours and 1800 hours unless undertaken in accordance with regulation 8.28 (4) of the *Mines Safety and Inspection Regulations 1995*.
- 9-2 Where explosives are detonated on the premises outside the requirements specified in conditions 7-4 and 9-1, the circumstances which led to such detonation being

necessary shall be reported by the proponent to the CEO within 36 hours following detonation.

- 9-3 The proponent shall ensure that all airblast overpressure levels due to blasting comply with Regulation 11 of the *Environmental Protection (Noise) Regulations 1997*.
- 9-4 The proponent shall make all reasonable effort to avoid blasting on Sundays.
- 9-5 For all blasting, the proponent shall comply with the following vibration limits, measured or calculated in accordance with section J4.2 of Australian Standard 2187.2 – 2006, for the protection of human comfort at any houses and low rise buildings, theatres, schools and other similar buildings occupied by people and not owned by the proponent:
1. the peak particle velocity shall not exceed 5 millimetres per second for 90% of blasts per year;
 2. the peak particle velocity shall not exceed 10 millimetres per second for any blast; and
 3. no more than one in ten consecutive blasts shall exceed 5 millimetres per second peak particle velocity.
- 9-6 Within six months following the issuing of the notice to the decision-making authorities under section 45(7) of the *Environmental Protection Act 1986*, the proponent shall revise the Revised Noise and Vibration Monitoring and Management Programme, dated June 2004, to the requirements of the Minister for the Environment on advice of the Department of Environment and Conservation.

This Programme shall include:

1. Locations of the air blast overpressure and ground vibration monitors and demonstration that these locations meet the requirements of regulation 21 of the *Environmental Protection (Noise) Regulations 1997* and section J3.2.2 of Australian Standard 2187.2 - 2006;
2. Description of the monitoring equipment and demonstration that the equipment complies with the requirements of schedule 4 of the *Environmental Protection (Noise) Regulations 1997* and section J3.2.1 of Australian Standard 2187.2 - 2006;
3. Calibration by an approved calibration laboratory and field checks of the monitoring equipment in accordance with schedule 4 of the *Environmental Protection (Noise) Regulations 1997* and the manufacturer's specifications and section J3.1.2 of Australian Standard 2187.2 - 2006 (or any subsequent amendment) and recording of calibration;
4. Procedures for the recording of blast information in accordance with section J3.4 of Australian Standard 2187.2 - 2006;

5. Procedures for the reporting of air blast and vibration monitoring to the Department of Environment and Conservation; and
6. Details of a complaints procedure and recording of complaints and action undertaken to resolve complaints.

9-7 The proponent shall implement the Revised Noise and Vibration Monitoring and Management Programme required by condition 9-6.

9-8 The proponent shall review the Revised Noise and Vibration Monitoring and Management Programme as required by the Environmental Protection Authority, and shall amend the Programme to the requirements of the Minister for the Environment on advice of the Department of Environment and Conservation.

9-9 The proponent shall implement the amended Revised Noise and Vibration Monitoring and Management Programme required by condition 9-8.

10 Set-back for Mining Activities

10-1 The proponent shall not undertake active mining operations within 400 metres of a property zoned “Residential” under the Town Planning Scheme without the written consent of the owner and occupier of that property.

10-2 The proponent shall liaise with the Heritage Council of Western Australia to minimise environment impacts associated with active mining on State Registered Places know as the Boulder Railway Station, Subway and Loopline, and Cornwall Hotel.

Note: “Active mining” means any method of working by which the earth or any rock structure, coal seam, stone, fluid, or mineral-bearing substance is disturbed, removed, washed, sifted, crushed, leached, roasted, floated, distilled, evaporated, smelted, refined, sintered, pelletised, or dealt with for the purpose of obtaining any mineral or rock from it for commercial purposes or for subsequent use in industry, whether it has been previously disturbed or not, and includes:

1. developmental and construction work associated with opening up or operating a mine;
2. the removal and disposal of overburden or waste or residues by mechanical or other means and the stacking, depositing, storage, and treatment of any substance considered to contain any mineral; and
3. transport of ore or other mining product that takes place on a road which is not a road as defined in the *Road Traffic Act 1974*,

but for the purpose of this condition does not include:

4. construction of a noise bund which is not part of any active mining activity;
5. rehabilitation of any area;

6. administration buildings or other similar facilities from which noise emissions comply with the *Environmental Protection (Noise) Regulations 1997*;
7. exploration operations;
8. operations for the care, security and maintenance of a mine and plant at the mine undertaken during any period when production or development operations at the mine are suspended;
9. operations undertaken to leave a mine safe to be abandoned; and
10. underground mining.

11 Rehabilitation and Closure Management Plan

11-1 Prior to 30 April 2010, the proponent shall prepare a Rehabilitation and Closure Management Plan to the requirements of the Minister for Environment and the Minister for Mines and Petroleum on advice of the Environmental Protection Authority and shall submit the Plan to the Department of Environment and Conservation.

This Plan shall include:

1. the final form of land forms and voids;
2. the proposed land use for the mine site post-mining operations determined after consultation with relevant stakeholders;
3. removal or, if appropriate, retention of plant and infrastructure in consultation with relevant stakeholders;
4. long-term management of ground and surface water systems affected by mining operations;
5. long-term management of potential acid-generating material;
6. long-term management of pits, including the Superpit and public safety provisions;
7. long-term management of tailings storage facilities;
8. a detailed Rehabilitation and Revegetation program which includes local vegetation, performance criteria and a timetable to be met;
9. identification of contaminated areas, including provision of evidence of notification and proposed management measures to relevant statutory authorities;

10. post-closure maintenance and monitoring;
 11. re-instatement/retention of historically significant structures;
 12. a contingency plan for a care and maintenance phase; and
 13. long-term management of vegetation significant to adjacent ethnographic sites.
- 11-2 In the preparation of the Rehabilitation and Closure Management Plan required by condition 11-1, the proponent shall meet the requirements of the following agencies:
1. Department of Mines and Petroleum regarding items 1-3, 5-10, and 12 of condition 11-1;
 2. Department of Environment and Conservation regarding items 4, 8, 9 and 10 of condition 11-1;
 3. Department of Planning and Infrastructure, Western Australian Planning Commission and City of Kalgoorlie-Boulder regarding item 1, 2, 3 and 9 of condition 11-1.
 4. Department of Water regarding item 4 of condition 11-1; and
 5. Registrar of Aboriginal Sites regarding item 13 of condition 11-1.
- 11-3 The proponent shall review the Rehabilitation and Closure Management Plan required by condition 11-1 every two years, and shall amend the Plan as required in consultation with the agencies referred to in condition 11-2, to the requirements of the Minister for the Environment on advice of the relevant agencies indicated in condition 11-2.
- 11-4 The proponent shall implement the amended Rehabilitation and Closure Management Plan required by condition 11-3 until such time as the Minister for the Environment determines that the proponent's closure responsibilities have been fulfilled.

Note: The Department of Mines and Petroleum shall be the lead agency for co-ordinating the Rehabilitation and Closure process, with certain items of the Plan being administered by the appropriate agency as follows:

1. Department of Mines and Petroleum for items 1-3, 5-10, and 12 of condition 11-1;
2. Department of Environment and Conservation for items 4, 8, 9 and 10 of condition 11-1;
3. Department of Water regarding item 4 of condition 11-1; and
4. Registrar of Aboriginal Sites regarding item 13 of condition 11-1.

- 11-5 The proponent shall make the Rehabilitation and Closure Management Plan required by condition 11-1 and subsequent revisions required by condition 11-3 publicly available in a manner approved by the CEO.

12 Aboriginal Heritage

- 12-1 Prior to commencement of proposed works, the proponent shall submit an Aboriginal Cultural Heritage Management Plan that meets the objectives specified in of Condition 12-3 as determined by the Minister for Indigenous Affairs.
- 12-2 The proponent shall consult with the Department of Indigenous Affairs in the preparation of the Plan.
- 12-3 The Plan shall include protocols and procedures for appropriate management of any Aboriginal sites or skeletal remains identified during the proposed works.
- 12-4 The proponent shall implement the Aboriginal Cultural Heritage Management Plan.

Notes

1. Where a condition states "on advice of the Environmental Protection Authority", the Environmental Protection Authority will provide that advice to the Department of Environment and Conservation for the preparation of written notice to the proponent.
2. The Environmental Protection Authority may seek advice from other agencies or organisations, as required, in order to provide its advice to the Department of Environment and Conservation.
3. The Minister for the Environment will determine any dispute between the proponent and the Environmental Protection Authority or the Department of Environment and Conservation over the fulfilment of the requirements of the conditions.
4. The proponent is required to apply for a Works Approval and Licence for this project under the provisions of Part V of the *Environmental Protection Act 1986*.

**JOHN DAY
ACTING MINISTER FOR ENVIRONMENT;
YOUTH**

Schedule 1**FIMISTON GOLD MINE OPERATIONS EXTENSION (STAGE 3) AND MINE CLOSURE PLANNING (Assessment No. 1581)****General Description**

The project is a cutback, the Golden Pike Cutback, along a section of the western edge of the existing Fimiston Open Pit in addition to already approved mining operations on the Fimiston site. The cutback will allow for the widening and deepening of the pit to 600 metres. Waste rock from the cutback will be accommodated in two new waste rock dumps to the north of the pit and west of the Fimiston I tailings storage facility.

Additional tailings from the expanded project will be managed in one of two ways. Option 1 is to increase the heights of Fimiston I and II tailings storage facilities from the conditionally approved heights of 40 and 45 metres, respectively, to 50 and 60 metres, respectively. Option 2 is to recommission the old Kaltails tailings storage facility and raise its height from 25 to 45 metres.

The proposal is described in the documents *Fimiston Gold Mine Operations Extension (Stage 3) and Mine Closure Planning: Public Environmental Review, September 2006*, including modifications made during the assessment described in Bulletin No. 1273, and in *Consultative Environmental Review Mine and Waste Dumps – Fimiston, August 1990*. Where the earlier document is inconsistent with the later document, the later document will prevail.

Summary Description

A summary of the key proposal characteristics is presented in Table 1.

Table 1 – Summary of the Key Proposal Characteristics.

Element	Description
General	
Project Life (Open Pit)	to approximately 2017
Mining Production Rate	approximately 89 million tonnes per annum
Milling Production Rate	approximately 13.5 million tonnes per annum
Fimiston Open Pit	
Area	approximately 346 hectares
Final pit depth	approximately 600 metres
Remaining Waste Movement	
Southern and Eastern waste rock dumps	approximately 580 - 760 million tonnes depending on back-fill
Southern pit back-fill	approximately 140 million tonnes if resource not sterilised
Northern pit back-fill	approximately 40 million tonnes if resource not sterilised
Northern waste rock dumps	approximately 140 million tonnes occupying 115 hectares
Tailings Storage	

Element	Description
Facilities	
Option 1	
Fimiston I	proposed height 50 metres (1)
Fimiston II	proposed height 60 metres (1)
Option 2	
Fimiston I	proposed height 40 metres (1)
Fimiston II	proposed height 45 metres (1)
Kaltails	increase in height from 25 to 45 metres
Water Consumption	
Potable	approximately 1460 megalitres per year
Non-potable	approximately 10715 megalitres per year
Greenhouse Gas Emission	
	approximately 440 800 tonnes of carbon dioxide equivalent

Notes

1. Subject to further approvals through Part V of the *Environmental Protection Act 1986*.

Figure

Figure 1 - Plan View of Project.

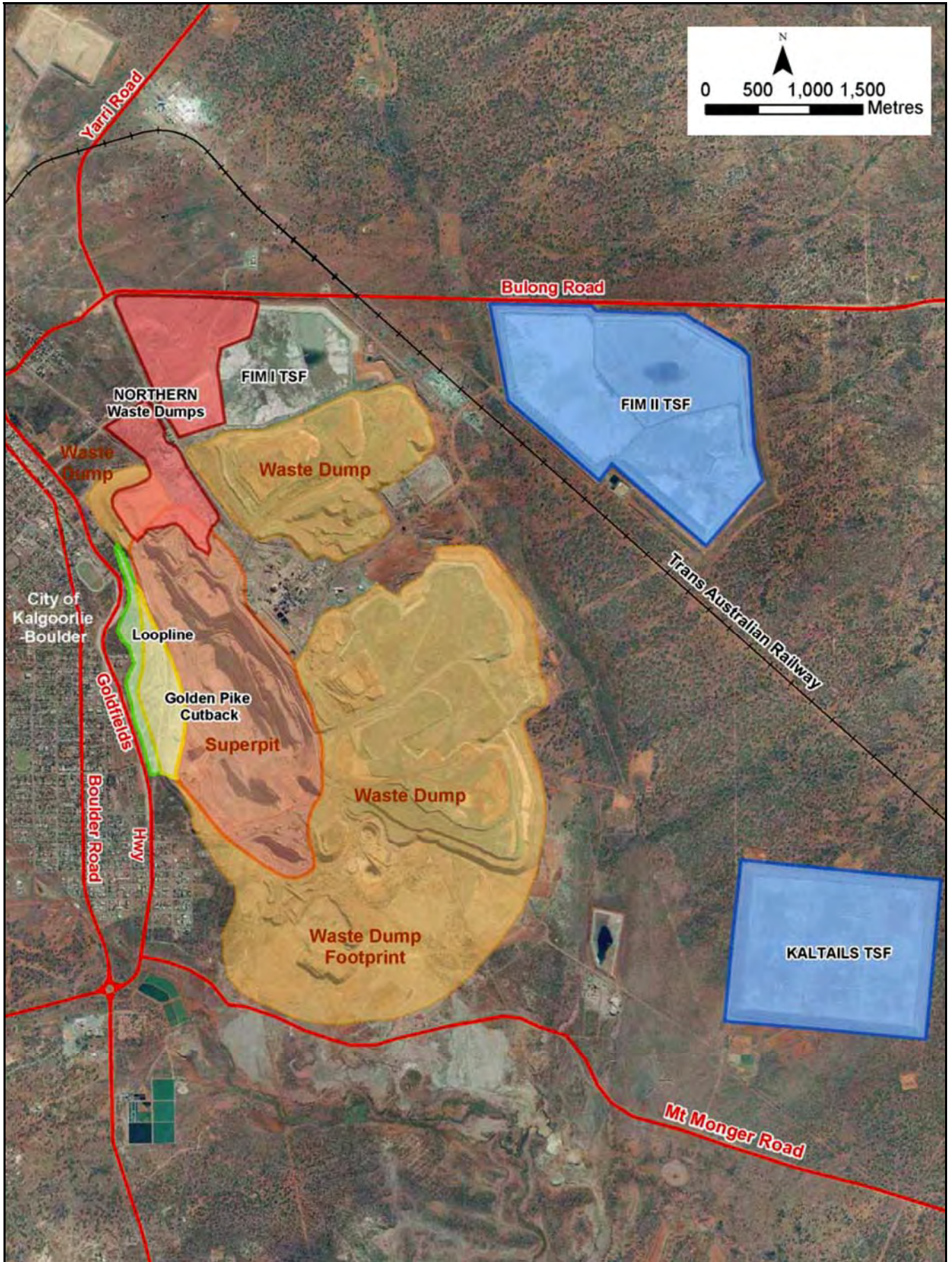


Figure 1: Plan View of Project

Attachment 1 to Statement 782

Change to Proposal

Proposal: Fimiston Gold Mine Operations Extension (Stage 3) and Mine Closure Planning

Proponent: Kalgoorlie Consolidated Gold Mines Pty Ltd

Change: Clearing for Kaltails tailings storage facility, contingency clearing for infrastructure post Kaltails recommissioning, and inclusion of hydrogen peroxide dosing facility.

Key Characteristics Table:

Element	Description of proposal	Description of approved change to proposal
General		
Project Life (Open Pit)	to approximately 2017	to approximately 2017
Mining Production Rate	approximately 89 million tonnes per annum	approximately 89 million tonnes per annum
Milling Production Rate	approximately 13.5 million tonnes per annum	approximately 13.5 million tonnes per annum
Fimiston Open Pit		
Area	approximately 346 hectares	approximately 346 hectares
Final pit depth	approximately 600 metres	approximately 600 metres
Remaining Waste Movement		
Southern and Eastern waste rock dumps	approximately 580-760 million tonnes depending on back-fill	approximately 580-760 million tonnes depending on back-fill
Southern pit back-fill	approximately 140 million tonnes if resource not sterilised	approximately 140 million tonnes if resource not sterilised
Northern pit backfill	approximately 40 million tonnes if resource not sterilised	approximately 40 million tonnes if resource not sterilised
Northern waste rock dumps	approximately 140 million tonnes occupying 115 hectares	approximately 140 million tonnes occupying 115 hectares
Tailings Storage Facilities		
Option 1		
Fimiston I	Proposed height 50 metres (1)	Proposed height 50 metres (1)
Fimiston II	Proposed height 60 metres (1)	Proposed height 60 metres (1)
Option 2		
Fimiston I	Proposed height 40 metres (1)	Proposed height 40 metres (1)
Fimiston II	Proposed height 45 metres (1)	Proposed height 45 metres (1)

Kaltails	Increase in height from 25 to 45 metres	Increase in height from 25 to 45 metres 10.2ha of ground clearing as a result of recommissioning the Kaltails TSF (see Figure 2) A contingency of 10ha for ground clearing activities involved with management of the Kaltails TSF after recommissioning, including monitoring bores and other infrastructure as required.
		Hydrogen peroxide dosage facility
Water Consumption		
Potable	Approximately 1460 megalitres per year	Approximately 1460 megalitres per year
Non-potable	Approximately 10715 megalitres per year	Approximately 10715 megalitres per year
Greenhouse Gas Emission		
	Approximately 440800 tonnes of carbon dioxide equivalent	Approximately 440800 tonnes of carbon dioxide equivalent

Notes

1. Subject to further approvals through Part V of the *Environmental Protection Act 1986*.

List of Figures:

Figure 2: Kaltails Location Relative to Fimiston Operations

Dr Paul Vogel
CHAIRMAN
Environmental Protection Authority
under delegated authority

6 September 2010

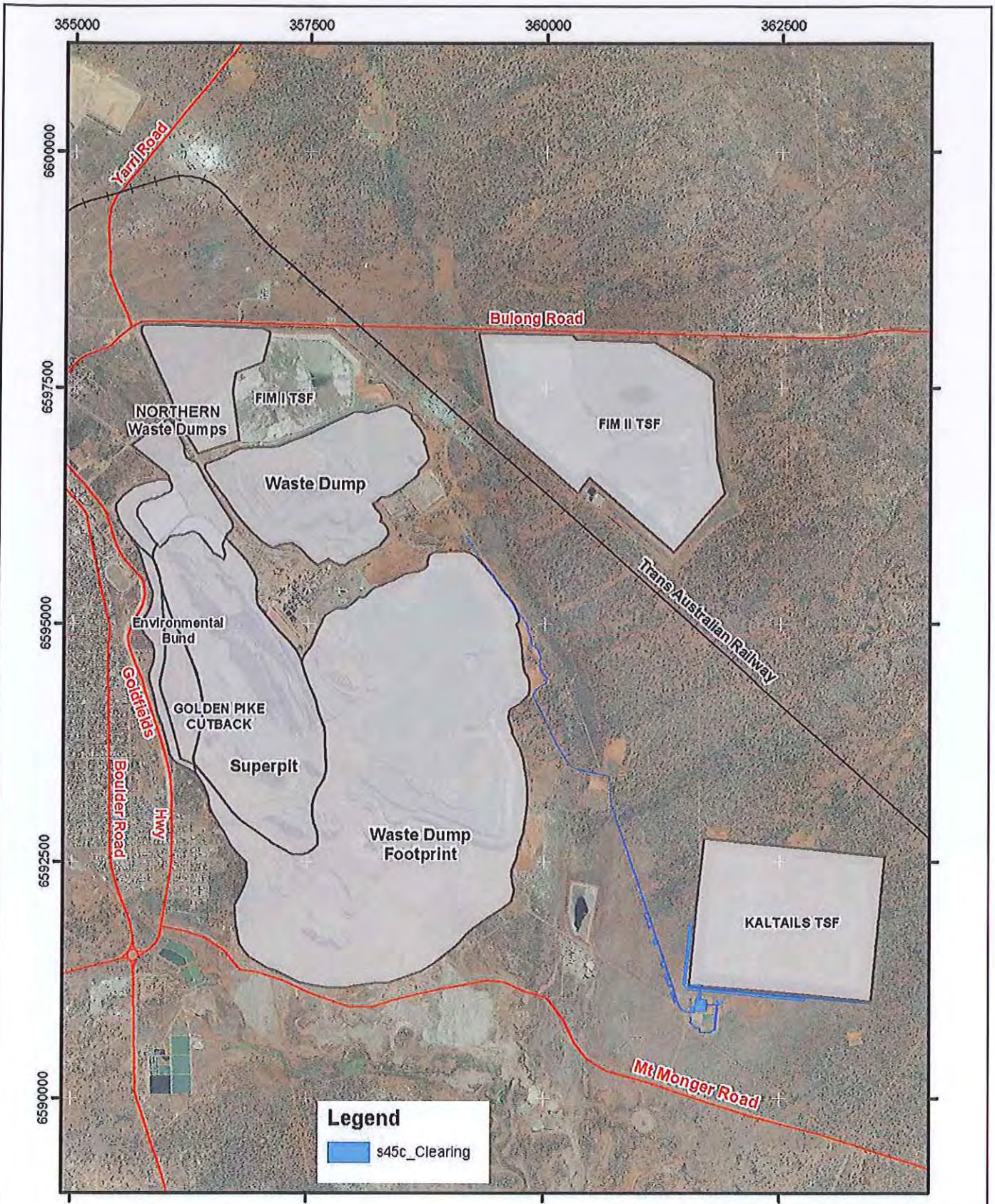


Figure 2
Kaltails Location Relative to Fimiston Operations

Client: KCGM	ENVIRON	
Project: Section 45C Application - Clearing for Kaltails Tailings Storage Facility	Source: KCGM	Date: 29/06/10

ATTACHMENT 2 TO MINISTERIAL STATEMENT 782

Section 46C
Environmental Protection Act 1986

NOTICE OF CHANGES TO IMPLEMENTATION CONDITIONS MINISTERIAL STATEMENT 782

FIMISTON GOLD MINE OPERATIONS EXTENSION (STAGE 3) AND MINE CLOSURE PLANNING

Pursuant to sections 46C(1)(a) and 46C(1)(b)(i) of the *Environmental Protection Act 1986*, the implementation conditions applying to the above proposal are changed in accordance with this Notice. I consider these changes to be of a minor nature and desirable in order to standardise the implementation conditions applying to different proposals.

[Signed 23 July 2013]

ALBERT JACOB MLA
MINISTER FOR ENVIRONMENT; HERITAGE

1. Condition 11-3 is deleted, and replaced with:

11-3 The proponent shall review the Rehabilitation and Closure Management Plan required by condition 11-1 every three years, and shall amend the Plan as required in consultation with the agencies referred to in condition 11-2, to the requirements of the CEO on advice of the relevant agencies indicated in condition 11-2.

Attachment 3 to Ministerial Statement 782

Change to proposal approved under section 45C of the *Environmental Protection Act 1986*

This Attachment replaces Schedule 1 and Attachment 1 of Ministerial Statement 782

Proposal: Fimiston Gold Mine Operations Extension (Stage 3) and Mine Closure Planning

Proponent: Kalgoorlie Consolidated Gold Mines Pty Ltd

Changes:

- Remove different options for management of tailings in the description of the proposal;
- Update description of the proposal including the 'Proposal footprint' and 'Mine Development Envelope'; and
- Removal of elements that are not key proposal characteristics relevant to the environment or managed under other legislation.

Table 1: Summary of the Proposal

Short Description	<p>The project is a cutback, the Golden Pike Cutback, along a section of the western edge of the existing Fimiston Open Pit in addition to already approved mining operations on the Fimiston site. The cutback allows for the widening and deepening of the pit. Waste rock from the cutback is accommodated in two waste rock dumps to the north of the pit and west of the Fimiston I tailings storage facility.</p> <p>Additional tailings from the expanded project are managed in the re-commissioned Kaltails tailings storage facility and Fimiston I and II tailings storage facilities.</p>
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Table 2: Authorised extent of physical and operational elements

Element	Previously Authorised Extent of proposal	Authorised Extent of proposal
General		
Project Life (Open Pit)	to approximately 2017	Removed as addressed in the Rehabilitation and Closure Management Plan required by condition 11
Mining Production Rate	approximately 89 million tonnes per annum	Removed as not a key proposal characteristic relevant to the environment
Milling Production Rate	approximately 13.5 million tonnes per annum	Removed as regulated under Part V of the <i>Environmental Protection Act 1986</i>
Mine Development Envelope Tailings Storage Facilities (Fimiston I, II and Kaltails), waste rock dumps, run of mine, processing plant area, infrastructure corridors and workshop area		Clearing of no more than 2,760 hectares within the Mine Development Envelope of 5,116 hectares indicated in Figure 1 and defined by coordinates in Table 3
Environmental noise bund		Clearing of no more than 137 hectares within the Mine Development

Element	Previously Authorised Extent of proposal	Authorised Extent of proposal
		Envelope in Figure 1 and defined by coordinates in Table 4
Fimiston Open Pit		
Area	approximately 346 hectares	Clearing of no more than 394 hectares within the Mine Development Envelope in Figure 1 and defined by coordinates in Table 5
Final pit depth	approximately 600 metres	Removed as regulated under the <i>Mining Act 1978</i>
Remaining Waste Movement		
Southern and Eastern waste rock dumps	approximately 580-760 million tonnes depending on back-fill	Removed as addressed in the Rehabilitation and Closure Management Plan required by condition 11
Southern pit back-fill	approximately 140 million tonnes if resource not sterilised	Removed as addressed in the Rehabilitation and Closure Management Plan required by condition 11
Northern pit backfill	approximately 40 million tonnes if resource not sterilised	Removed as addressed in the Rehabilitation and Closure Management Plan required by condition 11
Northern waste rock dumps	approximately 140 million tonnes occupying 115 hectares	Removed as addressed in the Rehabilitation and Closure Management Plan required by condition 11 Area incorporated in the proposal footprint within the Mine Development Envelope
Tailings Storage Facilities		
Option 1		Removed as no longer required
Fimiston I	Proposed height 50 metres (1)	Removed as no longer required
Fimiston II	Proposed height 60 metres (1)	Removed as no longer required
Option 2		Remove as no longer required
Fimiston I	Proposed height 40 metres (1)	Removed as regulated under Part V of the <i>Environmental Protection Act 1986</i>
Fimiston II	Proposed height 45 metres (1)	Removed as regulated under Part V of the <i>Environmental Protection Act 1986</i>
Kaltails	Increase in height from 25 to 45 metres 10.2 ha of ground clearing as a result of recommissioning the Kaltails TSF (see Figure 2) A contingency of 10ha for ground clearing activities involved with management of the Kaltails TSF after recommissioning, including monitoring bores and other infrastructure as required.	Removed as regulated under Part V of the <i>Environmental Protection Act 1986</i> Incorporated in the Proposal Footprint within the Mine Development Envelope

Element	Previously Authorised Extent of proposal	Authorised Extent of proposal
Hydrogen peroxide dosage facility	Hydrogen peroxide dosage facility	Removed as regulated under the <i>Dangerous Goods Safety (Major Hazard Facilities) Regulations 2007</i>
Water Consumption		
Potable	Approximately 1460 megalitres per year	Removed as managed through the Goldfields and Agricultural Water Supply Scheme
Non-potable	Approximately 10715 megalitres per year	Removed as regulated under the <i>Rights in Water and Irrigation Act 1914</i>
Greenhouse Gas Emission		
	Approximately 440800 tonnes of carbon dioxide equivalent	Approximately 440800 tonnes of carbon dioxide equivalent

Note: Text in **bold** in Tables 1 and 2 indicates changes to the proposal.

Table 3: Project Co-ordinates of the Mine Development Envelope for the Fimiston Gold Mine Operations (attached)

Table 4: Project Co-ordinates of the environmental noise bund (attached)

Table 5: Project Co-ordinates of the Fimiston open pit area (attached)

Table 6: Project Co-ordinates of tenements not held by the proponent (attached)

List of Replacement Figures – Figure 1 and 2 of Schedule 1 are deleted and replaced by the following:

Figure 1: Location of the Mine Development Envelope, open pit and environmental noise bund for the Fimiston Gold Mine Operations

[Signed 17 June 2015]

Dr Paul Vogel
CHAIRMAN
Environmental Protection Authority
under delegated authority

KCGM Fimiston Development Envelopes

Map Version: 1.11
Date: 25/05/2015
OEPA GIS Section



LEGEND

- Development Envelope (2015)
- Tenements not held by proponent
- Mine Planning (2015)**
- Disturbance Footprint
- Open Pit
- Environmental Noise Bund

SOURCE DATA

Proponent: Development Envelope, Mine Planning
SLIP: Kalgoorlie Townsite Oct 2012 Mosaic,
Kanowna 3236 Jul 2010 Mosaic

Ministerial Statement: 782

Location Path: I:\Projects\epasu\minor_projects\
Post Assessment\20150203_Fimiston_Gold_Mine
_superpit_KCGM_ms_782_s45c

Disclaimer:
This map is intended as a generalised interpretation of environmental issues.
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from the authority.



0 0.65 1.3 2.6
Kilometres

Projection: Map Grid of Australia Zone 51
Datum: Geocentric Datum of Australia, 1994
Scale: 1:50,000 at A4

LOCALITY MAP



Figure 1: Location of the Mine Development Envelope, open pit and environmental noise bund for the Fimiston Gold Mine Operations.

*Tenements not held by the proponent – agreements with tenement holders required for surface infrastructure development.

Table 3: Project Co-ordinates of the Mine Development Envelope for the Fimiston Gold Mine Operations

All coordinates are in metres, listed in Map Grid of Australia Zone 51 (MGA Zone 51), Geocentric Datum of Australia 1994 (GDA94).

Coord_No	Easting (MGA51)	Northing (MGA51)	Coord_No	Easting (MGA51)	Northing (MGA51)
1	355547	6598373	46	355429	6595701
2	362377	6598232	47	355430	6595788
3	362428	6595838	48	355454	6595909
4	361900	6595270	49	355335	6596225
5	361890	6593186	50	355138	6596459
6	363475	6593013	51	355579	6596895
7	364465	6592139	52	356045	6597238
8	364386	6590527			
9	363400	6590536			
10	362193	6590580			
11	361491	6590680			
12	361482	6590552			
13	361048	6590233			
14	360740	6590345			
15	360411	6590559			
16	360231	6590954			
17	360111	6591094			
18	359418	6591210			
19	359441	6591291			
20	359362	6591291			
21	359010	6591217			
22	358220	6591026			
23	358066	6590995			
24	357950	6590995			
25	357841	6591012			
26	357304	6591229			
27	356809	6591442			
28	356715	6591525			
29	356639	6591907			
30	356469	6592663			
31	356346	6592809			
32	356267	6592922			
33	356208	6592999			
34	356051	6593184			
35	355905	6593406			
36	355875	6593590			
37	355891	6593751			
38	355932	6593878			
39	355761	6594446			
40	355752	6594722			
41	355692	6594884			
42	355625	6594969			
43	355611	6595007			
44	355547	6595213			
45	355476	6595475			

Table 4: Project Co-ordinates of the environmental noise bund

Coord_No	Easting (MGA51)	Northing (MGA51)	Coord_No	Easting (MGA51)	Northing (MGA51)
1	357102	6591365	52	355807	6595327
2	357055	6591348	53	355800	6595381
3	356953	6591391	54	355722	6595541
4	356875	6591426	55	355666	6595631
5	356803	6591466	56	355643	6595747
6	356780	6591500	57	355635	6595850
7	356754	6591554	58	355599	6595917
8	356729	6591649	59	355438	6596096
9	356715	6591823	60	355398	6596208
10	356710	6591912	61	355408	6596275
11	356710	6591988	62	355472	6596353
12	356721	6592079	63	355534	6596426
13	356748	6592172	64	355605	6596468
14	356767	6592271	65	355671	6596490
15	356774	6592388	66	355784	6596526
16	356756	6592477	67	355877	6596546
17	356726	6592529	68	355936	6596568
18	356668	6592602	69	355972	6596537
19	356542	6592776	70	356002	6596510
20	356458	6592915	71	356034	6596477
21	356419	6592966	72	356046	6596448
22	356394	6592994	73	356046	6596413
23	356377	6593027	74	356018	6596390
24	356363	6593076	75	355989	6596379
25	356348	6593152	76	355953	6596362
26	356323	6593222	77	355906	6596335
27	356296	6593266	78	355858	6596325
28	356252	6593331	79	355827	6596321
29	356170	6593411	80	355753	6596297
30	356126	6593490	81	355719	6596277
31	356091	6593561	82	355687	6596238
32	356077	6593628	83	355671	6596196
33	356041	6593675	84	355674	6596152
34	356013	6593717	85	355696	6596104
35	355972	6593872	86	355730	6596043
36	355905	6594055	87	355749	6596020
37	355859	6594248	88	355772	6595992
38	355828	6594445	89	355803	6595945
39	355837	6594509	90	355843	6595893
40	355863	6594599	91	355891	6595835
41	355876	6594666	92	355876	6595806
42	355880	6594711	93	355863	6595781
43	355861	6594781	94	355849	6595755
44	355825	6594820	95	355849	6595735
45	355791	6594875	96	355849	6595621
46	355769	6594926	97	355857	6595595
47	355757	6594995	98	355904	6595446
48	355758	6595076	99	355912	6595422
49	355774	6595130	100	355927	6595376
50	355791	6595168	101	355972	6595241
51	355804	6595234	102	355975	6595233
52	355807	6595327			

Coord_No	Easting (MGA51)	Northing (MGA51)
103	356011	6595137
104	356054	6595020
105	356054	6595007
106	356053	6594987
107	356051	6594942
108	356049	6594885
109	356047	6594833
110	356046	6594817
111	356046	6594810
112	356046	6594800
113	356042	6594777
114	356035	6594733
115	356028	6594683
116	356011	6594573
117	356011	6594572
118	355977	6594433
119	355964	6594379
120	355964	6594329
121	355966	6594322
122	355972	6594300
123	355983	6594264
124	356068	6594103
125	356120	6594009
126	356146	6593962
127	356198	6593865
128	356228	6593808
129	356229	6593793
130	356230	6593765
131	356233	6593707
132	356233	6593702
133	356241	6593658
134	356256	6593569
135	356303	6593501
136	356319	6593485
137	356356	6593448
138	356424	6593379
139	356452	6593349
140	356513	6593259
141	356532	6593184
142	356535	6593135
143	356566	6593089
144	356577	6593077
145	356606	6593044
146	356612	6593037
147	356618	6593030
148	356624	6593022
149	356659	6592968
150	356665	6592960
151	356677	6592931
152	356691	6592917
153	356699	6592909
154	356706	6592904

Coord_No	Easting (MGA51)	Northing (MGA51)
155	356727	6592890
156	356741	6592882
157	356803	6592844
158	356934	6592793
159	357008	6592750
160	357052	6592728
161	357069	6592722
162	357087	6592673
163	357122	6592547
164	357139	6592500
165	357142	6592418
166	357127	6592354
167	357105	6592257
168	357068	6592091
169	357053	6592019
170	357053	6591957
171	357080	6591881
172	357117	6591771
173	357149	6591690
174	357167	6591618
175	357184	6591539
176	357191	6591482
177	357186	6591432
178	357142	6591383

Table 5: Project Co-ordinates of the Fimiston open pit area

Coord_No	Easting (MGA51)	Northing (MGA51)	Coord_No	Easting (MGA51)	Northing (MGA51)
1	357678	6592541	53	355964	6594379
2	357579	6592528	54	355977	6594433
3	357505	6592535	55	356011	6594572
4	357422	6592556	56	356011	6594573
5	357331	6592600	57	356012	6594582
6	357248	6592649	58	356014	6594594
7	357200	6592668	59	356028	6594683
8	357137	6592695	60	356035	6594733
9	357052	6592728	61	356042	6594777
10	357008	6592750	62	356046	6594800
11	356934	6592793	63	356046	6594810
12	356803	6592844	64	356046	6594817
13	356741	6592882	65	356047	6594833
14	356728	6592889	66	356049	6594885
15	356706	6592904	67	356051	6594942
16	356699	6592909	68	356053	6594987
17	356691	6592917	69	356054	6595007
18	356677	6592931	70	356054	6595020
19	356664	6592961	71	356011	6595137
20	356659	6592968	72	355975	6595233
21	356647	6592985	73	355953	6595299
22	356624	6593022	74	355927	6595376
23	356618	6593030	75	355912	6595422
24	356612	6593037	76	355865	6595574
25	356606	6593044	77	355857	6595595
26	356592	6593059	78	355849	6595621
27	356577	6593077	79	355849	6595696
28	356566	6593089	80	355849	6595705
29	356535	6593135	81	355849	6595735
30	356532	6593184	82	355849	6595755
31	356513	6593256	83	355863	6595781
32	356452	6593349	84	355876	6595806
33	356424	6593379	85	355891	6595835
34	356356	6593448	86	355897	6595846
35	356319	6593485	87	355911	6595858
36	356303	6593501	88	355923	6595869
37	356256	6593569	89	355932	6595878
38	356241	6593658	90	355961	6595904
39	356233	6593702	91	356012	6595950
40	356233	6593707	92	356043	6595979
41	356232	6593715	93	356084	6596016
42	356230	6593765	94	356107	6596038
43	356229	6593793	95	356128	6596057
44	356228	6593808	96	356149	6596070
45	356198	6593865	97	356165	6596081
46	356146	6593962	98	356167	6596082
47	356120	6594009	99	356195	6596100
48	356068	6594103	100	356208	6596109
49	355983	6594264	101	356220	6596113
50	355972	6594300	102	356237	6596119
51	355966	6594322	103	356251	6596124
52	355964	6594329	104	356272	6596131

Coord_No	Easting (MGA51)	Northing (MGA51)
105	356272	6596131
106	356287	6596132
107	356304	6596133
108	356310	6596134
109	356329	6596135
110	356331	6596135
111	356345	6596123
112	356362	6596108
113	356386	6596089
114	356415	6596064
115	356424	6596054
116	356477	6595995
117	356504	6595964
118	356553	6595907
119	356587	6595867
120	356644	6595801
121	356655	6595781
122	356737	6595652
123	356778	6595552
124	356830	6595417
125	356831	6595413
126	356856	6595330
127	356893	6595266
128	356945	6595177
129	356996	6595114
130	357023	6595080
131	357030	6595071
132	357036	6595063
133	357041	6595057
134	357044	6595054
135	357051	6595046
136	357149	6594940
137	357171	6594916
138	357181	6594905
139	357227	6594851
140	357269	6594803
141	357320	6594745
142	357351	6594710
143	357351	6594710
144	357416	6594621
145	357426	6594600
146	357439	6594556
147	357460	6594487
148	357478	6594445
149	357491	6594415
150	357516	6594359
151	357541	6594304
152	357590	6594190
153	357602	6594133
154	357614	6594073
155	357624	6594044
156	357643	6593989

Coord_No	Easting (MGA51)	Northing (MGA51)
157	357673	6593924
158	357676	6593903
159	357679	6593888
160	357686	6593844
161	357684	6593707
162	357689	6593614
163	357691	6593596
164	357692	6593564
165	357692	6593549
166	357693	6593506
167	357689	6593445
168	357671	6593370
169	357670	6593367
170	357648	6593335
171	357630	6593307
172	357606	6593268
173	357599	6593251
174	357589	6593225
175	357577	6593195
176	357570	6593176
177	357569	6593147
178	357569	6593124
179	357575	6593094
180	357583	6593055
181	357600	6593009
182	357630	6592961
183	357661	6592910
184	357713	6592868
185	357759	6592810
186	357784	6592766
187	357801	6592708
188	357782	6592643
189	357742	6592584
190	357678	6592541

Table 6: Project Co-ordinates of tenements not held by the proponent

Coord_No	Easting (MGA51)	Northing (MGA51)
1	361898	6594959
2	361896	6594422
3	361616	6594672
4	361318	6594938
5	361020	6595203
6	360722	6595469
7	361070	6595691
8	361075	6595694
9	361378	6595424
10	361681	6595153
11	361898	6594959
12	360883	6595596
13	360707	6595483
14	360460	6595703
15	360214	6595923
16	360077	6596046
17	359879	6596222
18	359681	6596399
19	359677	6596402
20	359666	6596413
21	359434	6596621
22	359234	6596800
23	359046	6596968
24	359027	6596984
25	359348	6597234
26	359424	6597167
27	359685	6596934
28	359946	6596701
29	360207	6596468
30	360210	6596466
31	360493	6596213
32	360776	6595961
33	361060	6595708
34	361059	6595708
35	360883	6595596
36	359266	6597308
37	358947	6597056
38	358856	6597137
39	358660	6597312
40	358501	6597454
41	357749	6598125
42	357720	6598150
43	358030	6598143
44	358341	6598135
45	358599	6597904
46	358857	6597673
47	359115	6597443
48	359266	6597308
49	357880	6598296
50	358029	6598163
51	357969	6598164

Coord_No	Easting (MGA51)	Northing (MGA51)
52	357801	6598314
53	357786	6598328
54	357846	6598326
55	357880	6598296
56	360632	6591143
57	360597	6591012
58	359418	6591210
59	359494	6591448
60	359618	6591835
61	359815	6591966
62	359826	6591982
63	359954	6592512
64	360667	6592294
65	360913	6592218
66	360873	6592064
67	360825	6591880
68	360792	6591755
69	360760	6591634
70	360729	6591516
71	360706	6591427
72	360701	6591407
73	360698	6591398
74	360667	6591277
75	360661	6591256
76	360632	6591143
77	359421	6595864
78	360077	6596045
79	360214	6595923
80	360707	6595483
81	360722	6595469
82	360862	6595344
83	359853	6595070
84	359801	6595056
85	359488	6595508
86	359427	6595596
87	359271	6595822
88	359401	6595858
89	359421	6595864
90	357353	6598158
91	357353	6598178
92	357351	6598336
93	357515	6598333
94	357697	6598170
95	357709	6598160
96	357720	6598150
97	357353	6598158
98	357351	6598336
99	357353	6598178
100	357353	6598158
101	356908	6598169
102	356774	6598348
103	357351	6598336

Attachment 4 to Ministerial Statement 782

Change to proposal approved under section 45C of the *Environmental Protection Act 1986*

This Attachment replaces Schedule 1 and Attachment 3 of Ministerial Statement 782

Proposal: Fimiston Gold Mine Operations Extension (Stage 3) and Mine Closure Planning

Proponent: Kalgoorlie Consolidated Gold Mines Pty Ltd

Changes:

- Addition of 2 hectares to pit area to enable pit remediation after pit subsidence including updated coordinates.
- Removal of 2 hectares from the Environmental Noise Bund area including updated coordinates.

Table 1: Summary of the Proposal

Proposal Title	Fimiston Gold Mine Operations Extension (Stage 3) and Mine Closure Planning
Short Description	<p>The project is a cutback, the Golden Pike Cutback, along a section of the western edge of the existing Fimiston Open Pit in addition to already approved mining operations on the Fimiston site. The cutback allows for the widening and deepening of the pit. Waste rock from the cutback is accommodated in two waste rock dumps to the north of the pit and west of the Fimiston I tailings storage facility.</p> <p>Additional tailings from the expanded project are managed in the re-commissioned Kaltails tailings storage facility and Fimiston I and II tailings storage facilities.</p>

Table 2: Authorised extent of physical and operational elements

Element	Location	Previously Authorised Extent	Authorised Extent
General			
Mine Development Envelope Tailings Storage Facilities (Fimiston I, II and Kaltails), waste rock dumps, run of mine, processing plant area, infrastructure corridors and workshop area	Figure 1	Clearing of no more than 2,760 hectares within the Mine Development Envelope of 5,116 hectares indicated in Figure 1 and defined by coordinates in Table 3.	Clearing of up to 2,760 hectares within the Development Envelope of 5,116 hectares.
Environmental noise bund	Figure 1	Clearing of no more than 137 hectares within the Mine Development Envelope in Figure 1 and defined by coordinates in Table 4.	Clearing of up to 135 hectares within the Development Envelope.
Fimiston Open Pit			
Area	Figure 1	Clearing of no more than 394 hectares within the Mine Development Envelope in Figure 1 and defined by coordinates in Table 5.	Clearing of up to 396 hectares within the Development Envelope.

Element	Location	Previously Authorised Extent	Authorised Extent
Greenhouse Gas Emission			
		Approximately 440800 tonnes of carbon dioxide equivalent.	Approximately 440800 tonnes of carbon dioxide equivalent.

Note: Text in **bold** in Tables 1 and 2 indicates changes to the proposal.

List of Replacement Figures – All previous figures in Attachments 1, 2 and 3 are deleted and replaced by the following:

Figure 1: Location of the Development Envelope, open pit and environmental noise bund for the Fimiston Gold Mine Operations

Coordinates defining the Development Envelope, open pit and environmental noise bund for Fimiston Gold Mine Operations Extension (Stage 3) and Mine Closure Planning are held by the Office of the Environmental Protection Authority (Document Reference Number: 2017-1496797670382).

[Signed 12 June 2017]

Dr Tom Hatton
CHAIRMAN
Environmental Protection Authority
under delegated authority

Approval date: _____



Figure 1: Location of the Development Envelope, open pit and environmental noise bund for the Fimiston Gold Mine Operations.

*Tenements not held by the proponent – agreements with tenement holders required for surface infrastructure development.

Attachment 5 to Ministerial Statement 782

Change to proposal approved under section 45C of the *Environmental Protection Act 1986*

This Attachment replaces Attachment 4 of Ministerial Statement 782

Proposal: Fimiston Gold Mine Operation, Morrison and Brownhill mining expansion areas

Proponent: Kalgoorlie Consolidated Gold Mines Pty Ltd

Changes:

- Clearing of 200 hectares within the development envelope to mine two areas within the existing Fimiston open pit, referred to as Morrison and Brownhill, and develop additional supporting infrastructure;
- Addition of 4 hectares to pit area to enable mining within the Firmiston open pit; and
- Removal of 4 hectares from the Environmental Noise Bund area including updated coordinates.

Table 1: Summary of the Proposal

Proposal Title	Fimiston Gold Mine Operation, Morrison and Brownhill mining expansion areas
Short Description	<p>The project is the expansion of the Morrison and Brownhill mining areas within the existing Fimiston Open Pit in addition to already approved mining operations on the Fimiston site, and the development of supporting infrastructure such as haul roads for access to rehabilitation areas, and implementation of powerlines, pipelines etc.</p> <p>Waste rock from the expansion areas area accommodated in two waste rock dumps to the north of the pit and west of the Fimiston I tailings storage facility. Additional tailings from the expanded project are managed in the re-commissioned Kaltails tailings storage facility and Fimiston I and II tailings storage facilities.</p>

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

Element	Location	Previously Authorised Extent	Authorised Extent
Mine Development Envelope Tailings Storage Facilities (Fimiston I, II and Kaltails), waste rock dumps, run of mine, processing plant area, infrastructure corridors and workshop area	Figure 1	Clearing of up to 2,760 hectares within the Development Envelope of 5,116 hectares	Clearing of up to 2,960 hectares within the Development Envelope of 5,116 hectares

Element	Location	Previously Authorised Extent	Authorised Extent
Environmental noise bund	Figure 1	Clearing of up to 135 hectares within the Development Envelope.	Clearing of up to 131 hectares within the Development Envelope.
Firmiston Open Pit			
Area	Figure 1		Clearing of up to 400 hectares within the Development Envelope.
Greenhouse Gas Emissions			
		Approximately 440800 tonnes of carbon dioxide equivalent.	Approximately 440800 tonnes of carbon dioxide equivalent.

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

Table 3: Abbreviations

Abbreviation	Term
ha	hectare
km	kilometre
GL	gigalitre

Figures (attached)

Figure 1 Location of the Development Envelope, open pit and environmental noise bund for the Firmiston Gold Mine Operations

Coordinates defining the Approved Total Disturbance Area for the Firmiston Gold Mine Operation, Morrison and Brownhill mining expansion areas are held by the Department of Water and Environmental Regulation (Document Reference Number: 2018-1530842570554).

[Signed 26 June 2018]

Dr Tom Hatton
CHAIRMAN
Environmental Protection Authority
under delegated authority

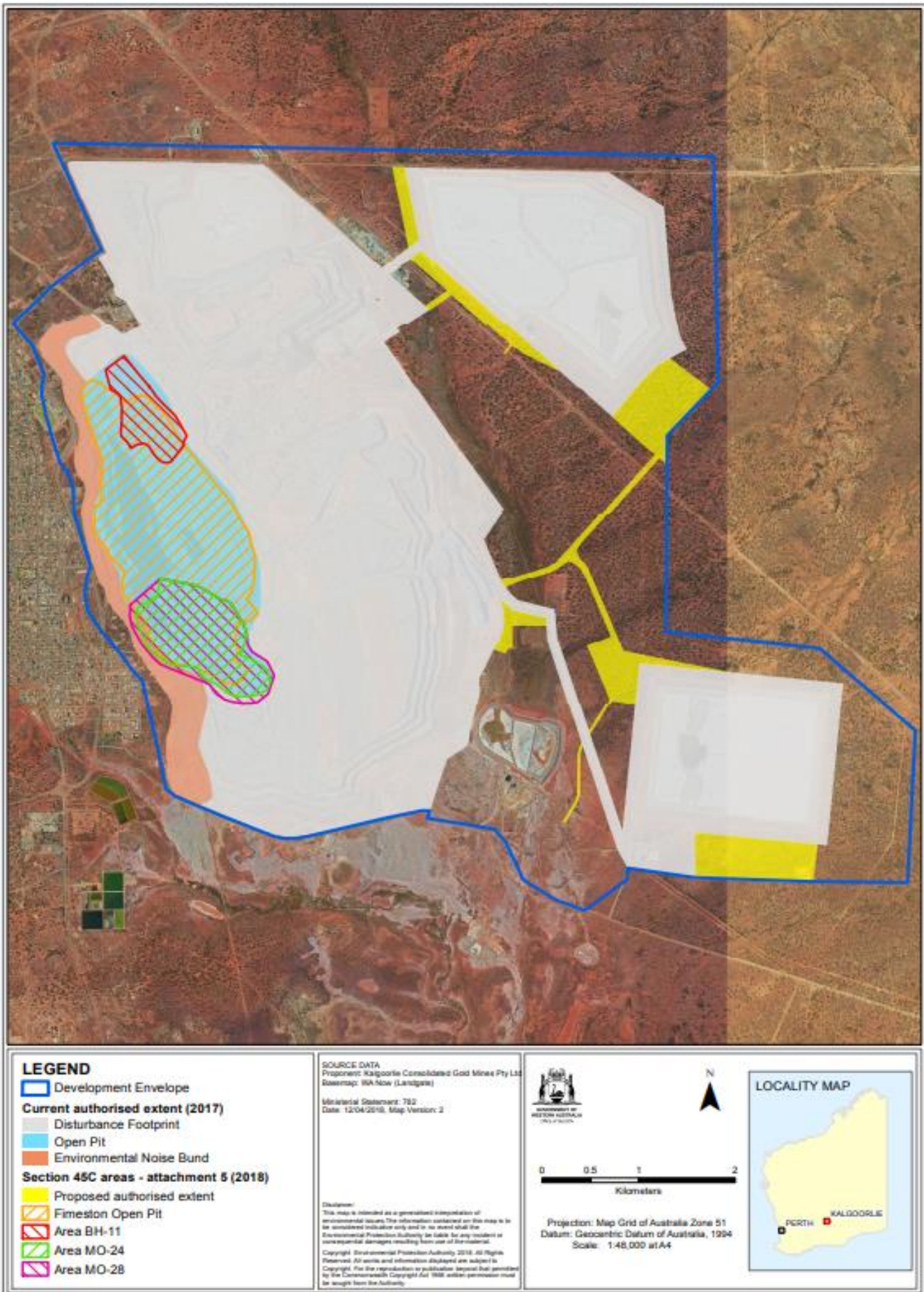


Figure 1: Location of the Development Envelope, open pit and environmental noise bund for the Fimiston Gold Mine Operations

Attachment 6 to Ministerial Statement 782

Change to proposal approved under section 45C of the *Environmental Protection Act 1986*

This Attachment replaces Schedule 1 and Attachment 5 of Ministerial Statement 782

Proposal: Fimiston Gold Mine Operations Extension (Stage 3) and Mine Closure Planning

Proponent: Kalgoorlie Consolidated Gold Mines Pty Ltd

Changes:

- Revision of the proposal's Development Envelope to include the Kaltails Supply Borefield utilised as a water supply borefield in a defined development envelope (borefield formerly approved under a previous ministerial statement);
- Establishment of a Managed Aquifer Recharge system (the Kaltails Managed Aquifer Recharge Project) utilising the existing Kaltails Supply Borefield; and
- Inclusion of 73 hectares of clearing within the revised Development Envelope to support the Kaltails Managed Aquifer Recharge Project (clearing formerly approved for the borefield under a previous ministerial statement).

Table 1: Summary of the Proposal

Proposal Title	Fimiston Gold Mine Operations Extension (Stage 3) and Mine Closure Planning
Short Description	<p>The project is the Golden Pike Cutback, along a section of the western edge of the Fimiston open Pit and the Morrison and Brownhill mining areas of the Fimiston Open Pit, in addition to already approved mining operations on the Fimiston site.</p> <p>The Golden Pike cutback allows for the widening and deepening of the pit, the Morrison and Brownhill areas allow for an extension of the pit to the south and north respectively. Waste rock from the Fimiston Open Pit is accommodated in waste rock dumps to the north, east and south of the pit.</p> <p>Tailings from the Fimiston Processing Plant are managed in the re-commissioned Kaltails tailings storage facility and Fimiston I and II tailings storage facilities. Excess water from dewatering the Fimiston Open Pit is injected into the Kaltails managed aquifer recharge scheme.</p>

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

Element	Location	Previously Authorised Extent	Authorised Extent
Mine Development Envelope Tailings Storage Facilities (Fimiston I, II and Kaltails), waste	Figure 1	Clearing of up to 2,960 hectares within the Development Envelope of 5,116 hectares.	Clearing of up to 3,033 hectares within the Development Envelope of 5,642 hectares.

Element	Location	Previously Authorised Extent	Authorised Extent
rock dumps, run of mine, processing plant area, infrastructure corridors and workshop area			
Environmental noise bund	Figure 2	Clearing of up to 131 hectares within the Development Envelope.	No Change
Fimiston Open Pit			
Area	Figure 2	Clearing of up to 400 hectares within the Development Envelope.	No Change
Kaltails Borefield Area			
Area	Figure 3	Previously approved under Ministerial Statement 30	Inclusion of 73 hectares within the Development Envelope.
Greenhouse Gas Emissions			
		Approximately 440800 tonnes of carbon dioxide equivalent.	No Change

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

Table 3: Abbreviations

Abbreviation	Term
ha	hectare
km	kilometre

Figures (attached)

- Figure 1 Location of the Development Envelope
- Figure 2 Location of the open pit, environmental noise bund and associated infrastructure
- Figure 3 Location of the and Kaltails Supply Borefield and managed aquifer recharge scheme for the Fimiston Gold Mine Operations

Coordinates defining the Approved Total Disturbance Area for the Fimiston Gold Mine Operations Extension (Stage 3) and Mine Closure Planning are held by the Department of Water and Environmental Regulation (Document Reference Number: DWERA-001286).

[Signed 8 October 2018]

Dr Tom Hatton
 CHAIRMAN
 Environmental Protection Authority
 under delegated authori



Figure 1: Location of the Development Envelope





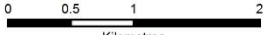

<p>LEGEND</p> <ul style="list-style-type: none"> Development Envelope Disturbance Footprint Open Pit Environmental Noise Bund Kaitails MAR Scheme 	<p>SOURCE DATA Proponent: Kalgoorlie Consolidated Gold Mines Pty Ltd Basemap: ESRI World Imagery</p> <p>DWER GIS Section Date: 1/10/2018, Map Version: 1 Ministerial Statement: 782 File No: 2018-1519721149886</p> <p><small>Disclaimer: This map is intended as a generalised interpretation of environmental issues. The information contained on this map is to be considered indicative only and in no way shall the Department of Water and Environmental Regulation be liable for any incident or consequential damages resulting from use of the material. Copyright Department of Water and Environmental Regulation, 2018. All Rights Reserved. All works and information disclosed are subject to Copyright for the reproduction or publication beyond that permitted by the Commonwealth Copyright Act. 1968 written permission must be sought from the Agency.</small></p>	<p style="text-align: center;"></p> <p style="text-align: center;">N </p> <p style="text-align: center;">0 0.5 1 2  Kilometres</p> <p style="text-align: center;">Projection: Map Grid of Australia Zone 51 Datum: Geocentric Datum of Australia, 1994 Scale: 1:50,000 at A4</p>	<p>LOCALITY MAP</p>  <p style="text-align: center;">PERTH</p>
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Figure 2: Location of the open pit, environmental noise bund and associated infrastructure





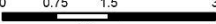

<p>LEGEND</p> <ul style="list-style-type: none"> Development Envelope Disturbance Footprint Kaltails MAR Scheme 	<p>SOURCE DATA Proponent: Kalgoorlie Consolidated Gold Mines Pty Ltd Basemap: ESRI World Imagery</p> <p>DWER GIS Section Date: 1/10/2018, Map Version: 1 Ministerial Statement: 782 File No: 2018-1519721149886</p> <p><small>Disclaimer This map is intended as a generalised interpretation of environmental issues. The information contained on this map is to be considered indicative only and in no event shall the Department of Water and Environmental Regulation be liable for any incidental or consequential damages resulting from use of the material. Copyright Department of Water and Environmental Regulation, 2018 All rights reserved. All works and information displayed are subject to Copyright. For the reproduction or publication beyond that permitted by the Commonwealth Copyright Act, 1955 written permission must be sought from the Agency.</small></p>	<p style="text-align: center;"> GOVERNMENT OF WESTERN AUSTRALIA</p> <p style="text-align: right;">N </p> <p style="text-align: center;">0 0.75 1.5 3  Kilometres</p> <p>Projection: Map Grid of Australia Zone 51 Datum: Geocentric Datum of Australia, 1994 Scale: 1:88,000 at A4</p>	<p>LOCALITY MAP</p>  <p style="text-align: center;">PERTH</p>
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Figure 3: Location of the and Kaltails Supply Borefield and managed aquifer recharge scheme for the Fimiston Gold Mine Operations

Attachment 7 to Ministerial Statement 782

Change to proposal approved under section 45C of the *Environmental Protection Act 1986*

This Attachment replaces Schedule 1, Attachment 6, and Figures 1 and 2 of Ministerial Statement 782

Proposal: Fimiston Gold Mine Operations Extension (Stage 3) and Mine Closure Planning

Proponent: Kalgoorlie Consolidated Gold Mines Pty Ltd

Changes:

- Expansion of the proposal's Development Envelope by 272 hectares to include a two-cell paddock expansion of the Fimiston II TSF and associated infrastructure.
- Increase in the authorised extent of clearing by 295 hectares to allow the construction of the two-cell paddock expansion of the Fimiston II TSF and associated infrastructure.
- Extension of the Fimiston Open Pit to include Fimiston South.
- Change to Figure 1 and Figure 2 to detail expansion of the Fimiston II TSF, expansion of Fimiston Open Pit, change to noise bund location and Development Envelope.

Table 1: Summary of the Proposal

Proposal Title	Fimiston Gold Mine Operations Extension (Stage 3) and Mine Closure Planning
Short Description	<p>The project is the Golden Pike Cutback, along a section of the western edge of the Fimiston open Pit and the Morrison and Brownhill mining areas of the Fimiston Open Pit, in addition to already approved mining operations on the Fimiston site.</p> <p>The Golden Pike cutback allows for the widening and deepening of the pit, the Morrison and Brownhill areas allow for an extension of the pit to the south and north respectively. Waste rock from the Fimiston Open Pit is accommodated in waste rock dumps to the north, east and south of the pit.</p> <p>Tailings from the Fimiston Processing Plant are managed in the re-commissioned Kaltails tailings storage facility and Fimiston I and II tailings storage facilities. Excess water from dewatering the Fimiston Open Pit is injected into the Kaltails managed aquifer recharge scheme.</p>

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

Element	Location	Previously Authorised Extent	Authorised Extent
Mine Development Envelope Tailings Storage Facilities (Fimiston I, II and Kaltails), waste rock dumps, run of mine, processing plant area, infrastructure corridors and workshop area	Figure 1	Clearing of up to 3,033 hectares within the Development Envelope of 5,642 hectares.	Clearing of up to 3,328 hectares within the Development Envelope of 5,914 hectares.
Environmental noise bund	Figure 2	Clearing of up to 131 hectares within the Development Envelope.	Clearing of up to 110 hectares within the Development Envelope.
Fimiston Open Pit			
Area	Figure 2	Clearing of up to 400 hectares within the Development Envelope.	Clearing of up to 535 hectares within the Development Envelope
Kaltails Borefield Area			
Area	Figure 3	Inclusion of 73 hectares previously approved under Ministerial Statement 30 within the Development Envelope.	No change.
Greenhouse Gas Emissions			
		Approximately 440,800 tonnes of carbon dioxide equivalent.	No change.

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

Table 3: Abbreviations

Abbreviation	Term
CEO	Chief Executive Officer
TSF	Tailings Storage Facility

Figures (attached)

Figure 1 Location of the Development Envelope

Figure 2 Location of the open pit, environmental noise bund and associated infrastructure

Figure 3 Location of the Kaltails Supply Borefield and managed aquifer recharge scheme for the Fimiston Gold Mine Operations

Coordinates defining the Approved Total Disturbance Area for the Fimiston Gold Mine Operations Extension (Stage 3) and Mine Closure Planning are held by the Department of Water and Environmental Regulation (Document Reference Number: DWERDT274463).

[Signed 30 September 2020]

Dr Tom Hatton
CHAIRMAN
Environmental Protection Authority
under delegated authority

Approval date: _____



Figure 1: Location of Development Envelope

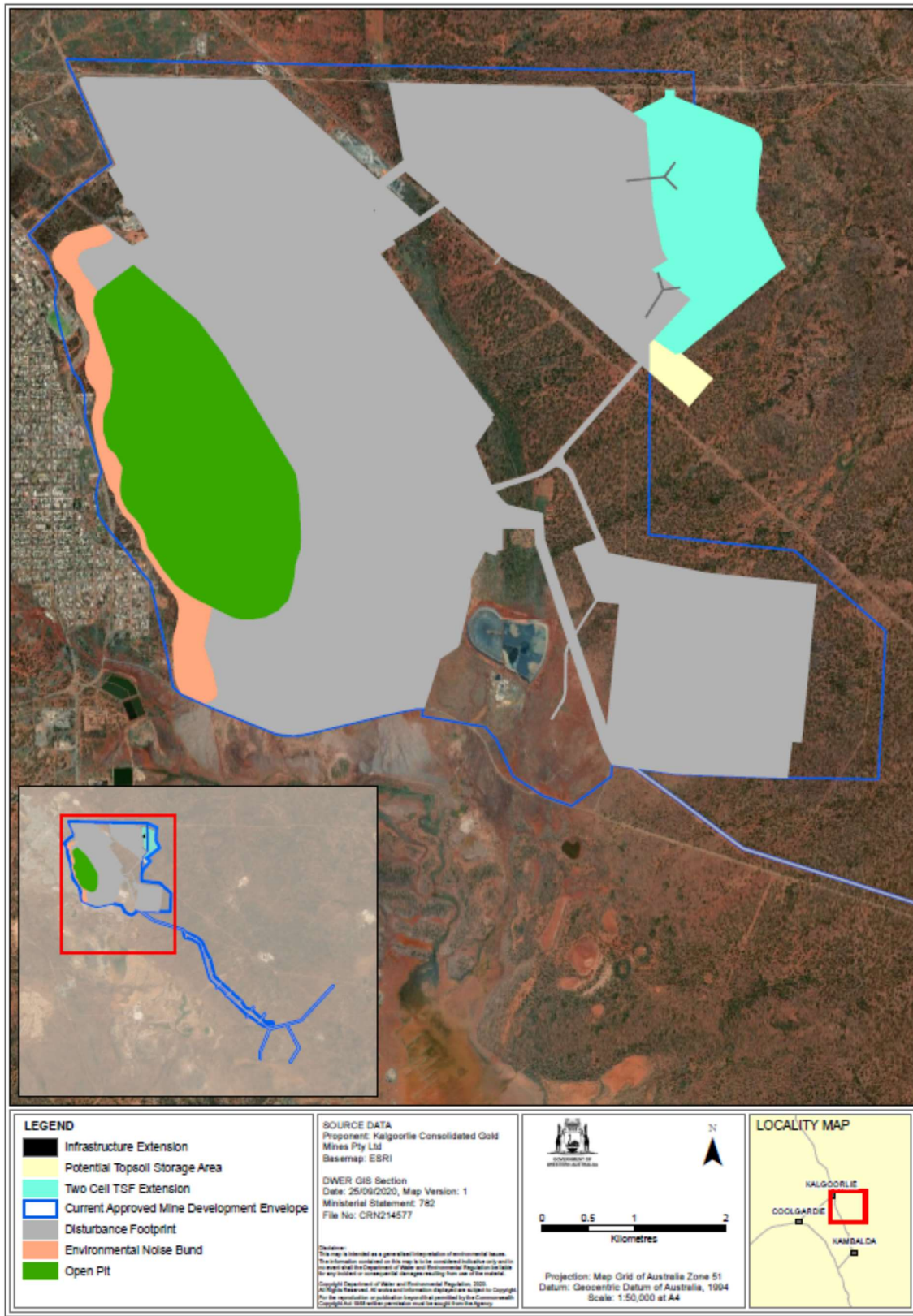


Figure 2: Location of the open pit, environmental noise bund and associated infrastructure



Figure 3: Location of the Kaltails Supply Borefield and managed aquifer recharge scheme for the Fimiston Gold Mine Operations