

Template

Proposal Content Document

Table 1: General proposal content description

Proposal title	Fimiston Gold Mine Operations Extension (Stage 3) and Mine Closure Planning Revised Proposal: Fimiston South Project
Proponent name	Kalgoorlie Consolidated Gold Mines
Short description	The proposal is to mine a cutback of the existing Fimiston Open Pit, with associated life of mine tailings deposition, waste capacity and associated infrastructure. The proposal includes, but is not limited to: • Increase in the Mine Development Envelope • Cutback of the Fimiston Open Pit • Modifying the Environmental Noise Bund • Additional tailings capacity • Additional waste rock dump capacity • Additional infrastructure areas (topsoil storage, roads, pipeline corridors) • Infrastructure to manage surface water

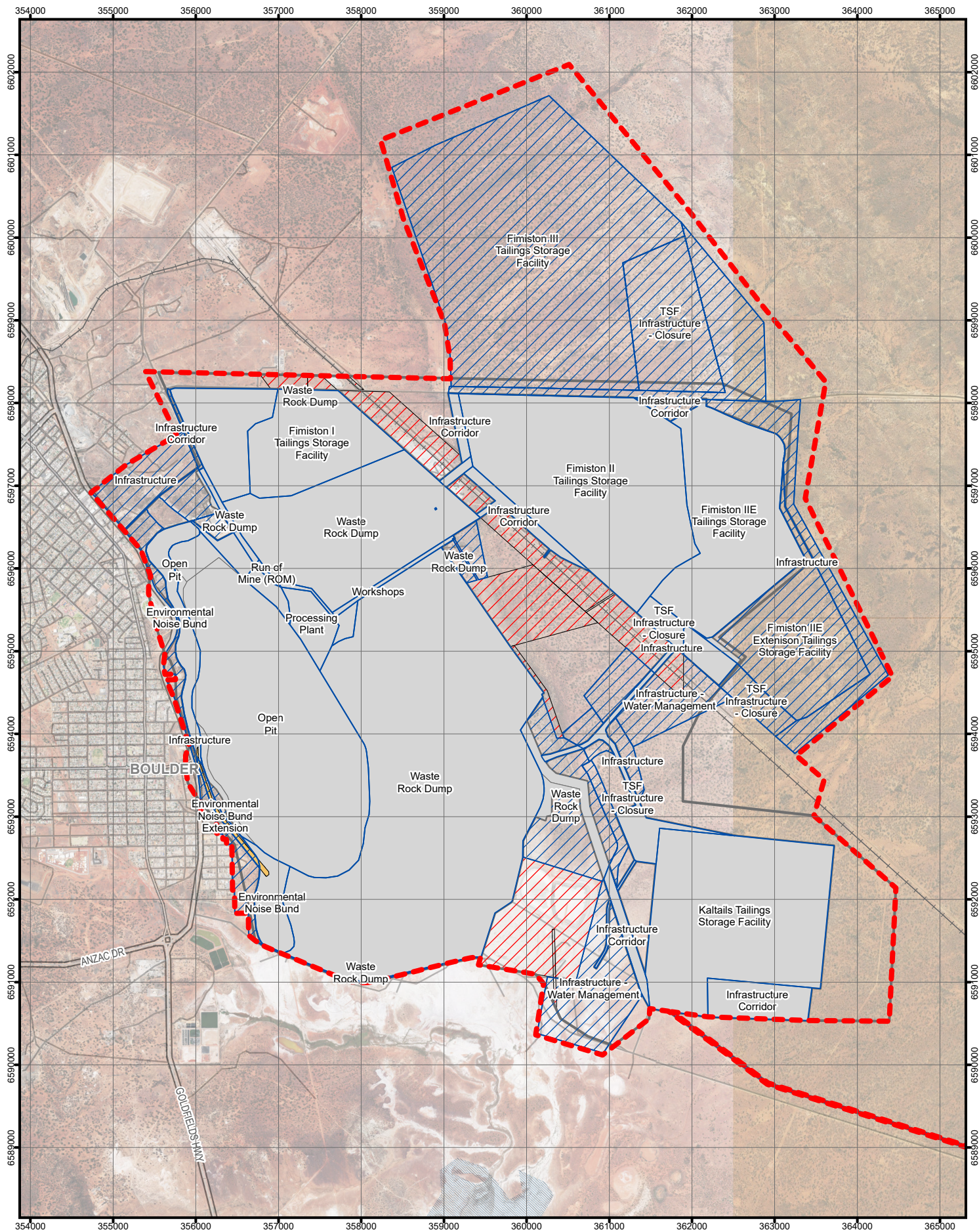
Table 2: Proposal content elements

Proposal element	Location / description	Existing Proposal extent, capacity or range	Proposed maximum extent, capacity or range	Combined Max extent, capacity or range
Physical elements				
Mine Development Envelope, including: • Fimiston Open Pit • Environmental Noise Bund • Waste rock dumps (including stockpiles) • Tailings Storage Facilities • ROM and processing plant • Infrastructure corridors and workshop area	Figure 3	Clearing of up to 3,973 ha** within the Development Envelope of 5,914 ha. ** Currently approved MS782 has 3,973 ha in the documentation, but 3,857 ha in the spatial data	Additional clearing of 1,868 ha, of which 1,580 ha is native vegetation.	Clearing of up to a total of 5,841 ha within the Development Envelope of 7,795 ha.

Proposal element	Location / description	Existing Proposal extent, capacity or range	Proposed maximum extent, capacity or range	Combined Max extent, capacity or range
• Managed Aquifer ReInjection (MAR) within existing Kaltails Supply Borefield				
Construction elements- not applicable				
Operational elements				
Fimiston Open Pit footprint spatial limit	Figure 3	Clearing up to 535 ha within Development Envelope	Additional clearing of 39 ha	Clearing up to 574 ha within Development Envelope
Environmental Noise Bund footprint spatial limit	Figure 3	Clearing up to 110 ha within Development Envelope	Reduction of 5ha	Clearing up to 105ha within Development Envelope
Greenhouse gas emissions - with mitigation				
Peak annual average (2024-29)				
Scope 1	Mining and Processing Operations	Scope 1 + 2 Approximately 440,800 tonnes per year of carbon dioxide equivalent (CO2-e)	Approximately 228,380 tonnes per year of carbon dioxide equivalent (CO2-e)	Approximately 332,337 tonnes per year of carbon dioxide equivalent (CO2-e)
Scope 2	Electricity use		Approximately 103,957 tonnes per year of carbon dioxide equivalent (CO2-e)	
Annual average life of mine (2024-2034)				
Scope 1	Mining and Processing Operations		Approximately 166,114 tonnes CO ₂ e	Approximately 116,114 tonnes CO ₂ e
Scope 2	Electricity use		Approximately 70,114 tonnes CO ₂ e	Approximately 70,114 tonnes CO ₂ e
Total (based on annual average Scope 1 and Scope 2) 11 yrs life of mine (2024-2034)				

Proposal element	Location / description	Existing Proposal extent, capacity or range	Proposed maximum extent, capacity or range	Combined Max extent, capacity or range
Approximately 2,598,514 tonnes CO ₂ e			Approximately 2,598,514 tonnes CO ₂ e	Approximately 2,598,514 tonnes CO ₂ e

Commissioning – not applicable			
Not applicable. Fimiston is currently operational.			
Rehabilitation and closure			
Progressive rehabilitation will be undertaken over the life of mine. Areas disturbed through implementation of this proposal will be designed to be safe and non-polluting and will meet the closure objectives documented in the Mine Closure Plan			
Other elements which affect extent of effects on the environment		Existing LOM	Proposed LOM
Proposal time*	Estimated project life	2027	2034



PROJECT ID 60607697
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AECOM
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Datum: GDA 1994 MGA Zone 51

1:60,000
(when printed at A4)

0 200 400 600 800
metres

Data sources:
Base Data: (c) Based on information provided by and with the permission of the Western Australian Land Information Authority trading as Landgate (2010).
Service Layer Credits: Landgate, Subscription, Imagery/WANow.
World Terrain Base: Esri, HERE, Garmin, FourSquare, METI/NASA, USGS

- LEGEND**
- Proposed Mine Development Envelope
 - Current EPA Approved Boundary
 - Tenements held by others
 - Proposed New Disturbance Area
 - Approved Disturbance Area
 - Proposed Noise Bund Construction

Indicative Site Layout

KALGOORLIE CONSOLIDATED GOLD MINES
FIMISTON GOLD MINE OPERATIONS EXTENSION (STAGE 3) AND MINE CLOSURE PLANNING REVISED PROPOSAL

Figure
3