

Environmental Protection Authority

Environmental Protection Act 1986

Section 43A

NOTICE OF DECISION TO CONSENT TO AMEND A REFERRED PROPOSAL DURING ASSESSMENT

PERSON TO WHOM THIS NOTICE IS GIVEN

(a) Covalent Lithium Pty Ltd (ACN: 623090139)
15 Mason Road
KWINANA BEACH WA 6167

PROPOSAL TO WHICH THIS NOTICE RELATES:

Earl Grey Lithium Project, Life of Mine Proposal
Assessment No. 2387

Pursuant to s. 43A of the *Environmental Protection Act 1986* (EP Act), the Environmental Protection Authority (EPA) gives approval to the assessment of the proposal being completed, in respect of the proposal as amended in accordance with the proponent's request as follows:

- increase the development envelope from 3,996 hectares (ha) to 4,009 ha to allow for the addition of two new booster stations on the existing underground water pipeline
- increase the pit dewatering and groundwater abstraction volumes from 0.4 gegalitres (GL) per year to 1.5 GL per year
- a reduction in the estimated annual average scope 1 greenhouse gas (GHG) emissions estimates from 69,000 tonnes of carbon dioxide equivalent (tCO₂-e) to 63,450 tCO₂-e
- a reduction in the estimated annual average scope 2 GHG emissions from 53,000 tCO₂-e to 34,800 tCO₂-e
- a reduction in the estimated annual average scope 3 GHG emissions from 1,129,000 tCO₂-e to 1,094,500 tCO₂-e.

The amended proposal content document and figures are provided at Attachment 1.

SUMMARY OF REASONS:

- The locations of the additional booster stations do not change the disturbance footprint or clearing requirements of the proposal.
- Estimated annual average scope 1, scope 2 and scope 3 GHG emissions have decreased following further review.
- The increase in pit dewatering and groundwater abstraction volume to 1.5 GL per year is unlikely to result in impacts that are significantly different from that of the original proposal.
- There are no new environmental factors likely to be significantly affected as a result of the amendments.
- The EPA considered that:
 - there was sufficient information about the amendments to be able to make a decision whether to approve the change: and
 - the proposal as amended will be substantially the same character as the referred proposal.

EFFECT OF THIS NOTICE:

1. The assessment of the proposal is to be completed in respect of the proposal as amended in accordance with the decision set out in this notice.
2. The proposal as amended in accordance with this notice is taken to have been referred to the EPA under s. 38 of the EP Act.

RIGHTS OF APPEAL:

There are no rights of appeal under the EP Act in respect of this decision.



Darren Walsh
Delegate of the Environmental Protection Authority
CHAIR

05 October 2025

Attachments:

Attachment 1 – Amended proposal content document and figures showing the amended proposal development envelope

Covalent Lithium

Proposal Content Document

Table 1: General proposal content description

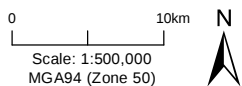
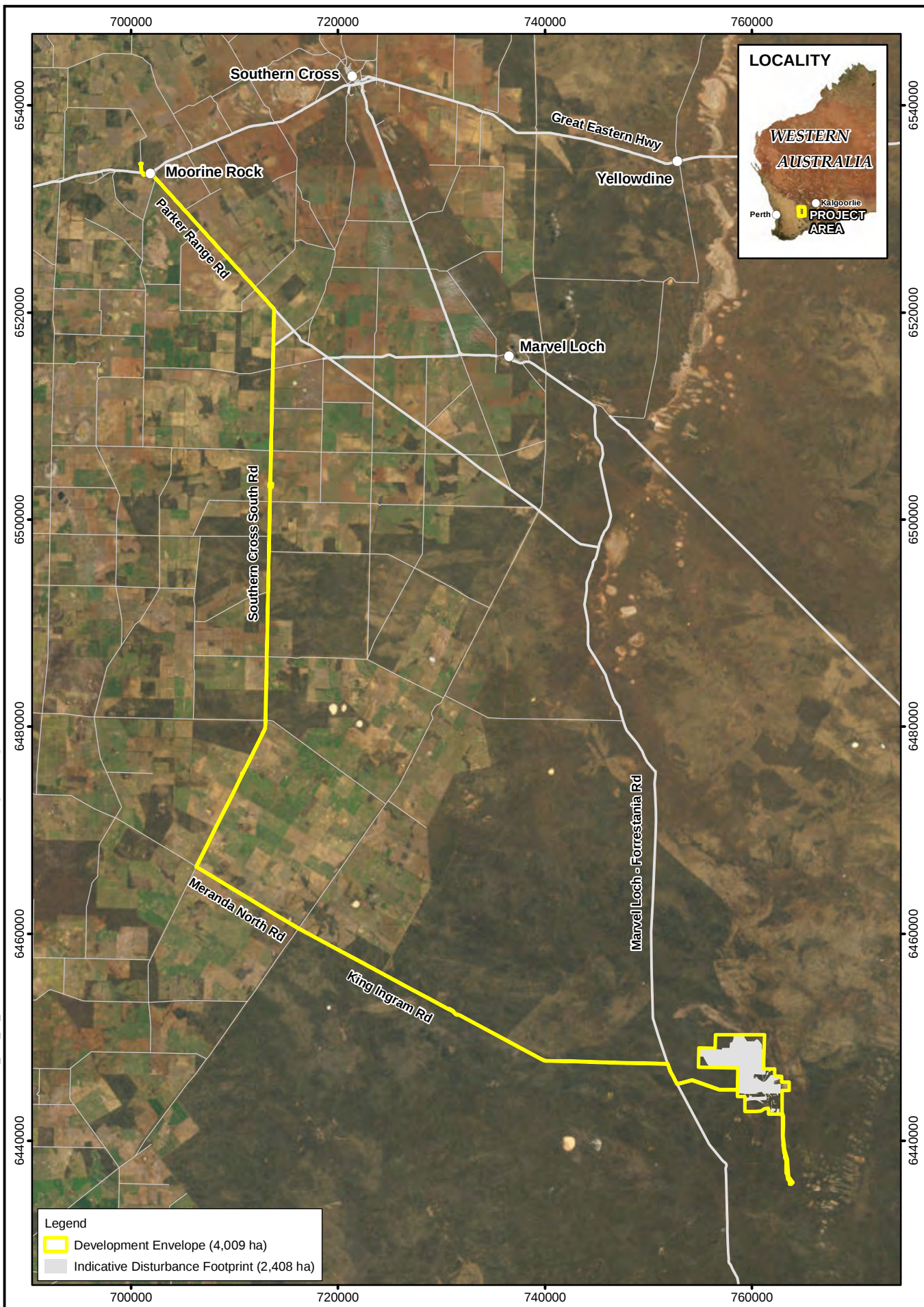
Proposal title	Earl Grey Lithium Project – Life of Mine
Proponent name	Covalent Pty Ltd
Short description	The Proposal is to develop a pegmatite-hosted lithium deposit at the abandoned Mt Holland Mine Site, in a Development Envelope of 4,009 ha. The Proposal involves new clearing of up to 1,885 ha of native vegetation, and use of existing cleared/disturbed land, infrastructure including a mine pit, waste rock landforms, tailings storage facility, processing plant, airstrip, accommodation village, water storage facilities, power generation infrastructure and associated infrastructure.

Table 2: Proposal content elements

Proposal element	Location / description	Maximum extent, capacity or range
Physical elements		
Development Envelope	Figure 1	4,009 ha
Disturbance Footprint	Figure 2	2,408 ha
Native Vegetation Clearing	Figure 3	Clearing of no more than 1,885 ha of native vegetation within the disturbance footprint of up to 2,408 ha
Mine and associated infrastructure	Figure 3	Disturbance of up to 2,408 ha including use of existing cleared and/or disturbed land, within a Development Envelope of 4,009 ha
Operational elements		
Ore processing	Figure 3 and Figure 4	Up to 4.4 Mtpa
Waste Rock to Waste Rock Landform(s)		440 Mt capacity for Life of Mine
Tailings Deposition		2.6 Mtpa in wet tailings
Disposal of Inert Refinery Waste to Waste Rock Landform(s)		390 000 tpa (dry (no change))

Pit Dewatering / Groundwater abstraction	Figure 3	Up to 1.5 GL/year Groundwater Licence (GWL) 205547 as amended
Proposal elements with greenhouse gas emissions		
Operational elements:		
Scope 1	63,450 t CO2-e/y for Scope 1 emissions (annual average)	
Scope 2	34,800 t CO2-e/y for Scope 2 emissions (annual average)	
Scope 3	1,094,500 t CO2-e/y Scope 3 emissions (annual average)	
Rehabilitation		
Rehabilitation will be undertaken progressively during mining operations (where possible) within areas disturbed by the Proposal (excluding mine pits) in accordance with a Mine Closure Plan assessed and approved under the <i>Mining Act 1978</i> . Rehabilitation will seek to restore environmental values by supporting native vegetation comparable to adjacent undisturbed areas.		
Commissioning		
Commissioning of the processing plant, power infrastructure and associated infrastructure (as required).		
Decommissioning		
Decommissioning of mine infrastructure in accordance with a Mine Closure Plan assessed and approved under the <i>Mining Act 1978</i> .		
Other elements which affect extent of effects on the environment		
Proposal time*	Maximum project life	Up to 30 years, inclusive of decommissioning and rehabilitation

Drawn: CAD Resources ~ www.cadresources.com.au ~ CAD Ref: a2765_43A_01_01 ~ Source: Tenements: DMIRS, Base Images: Landgate



Scale: 1:500,000
MGA94 (Zone 50)

Author: A. Pate

Date: October 2025

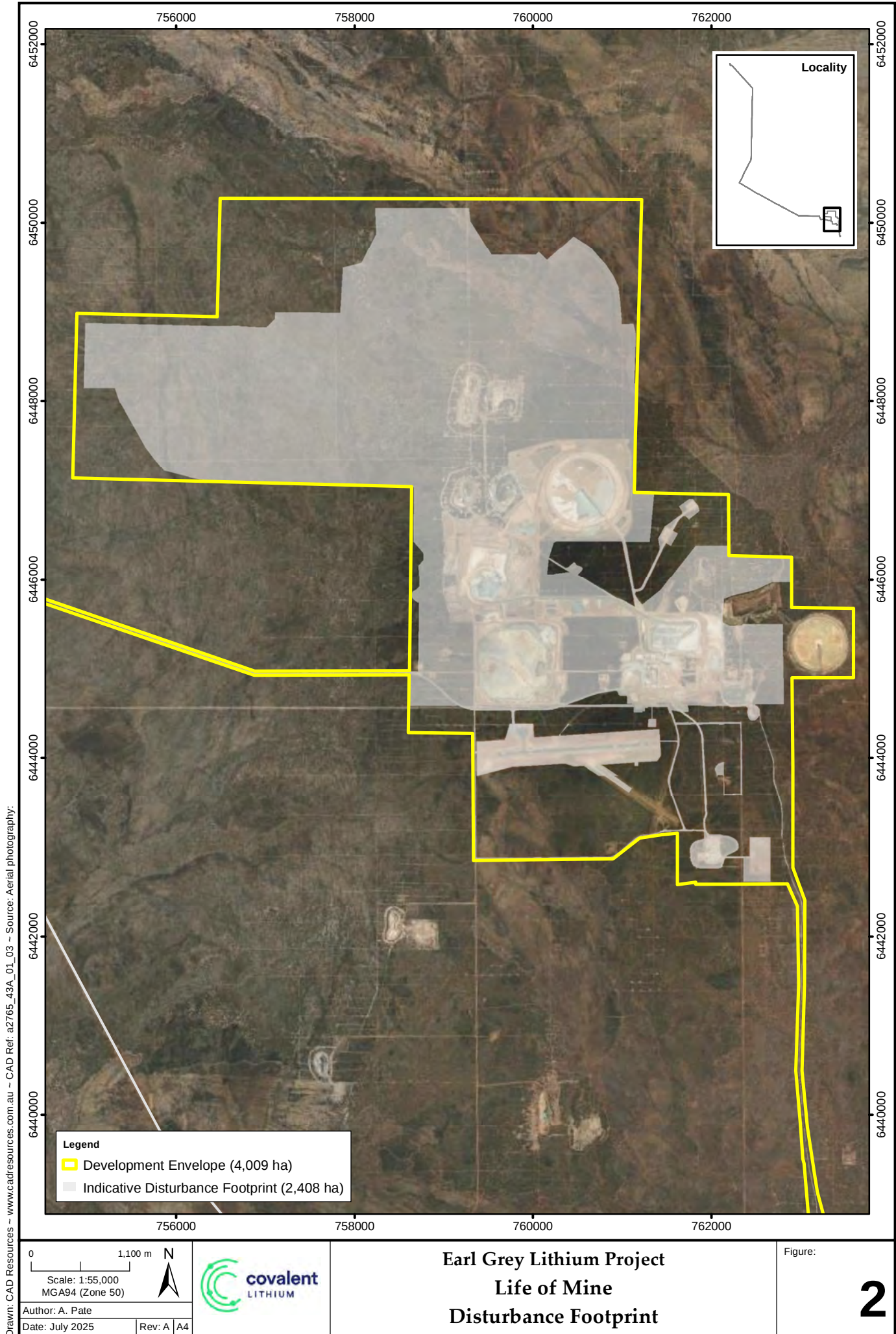
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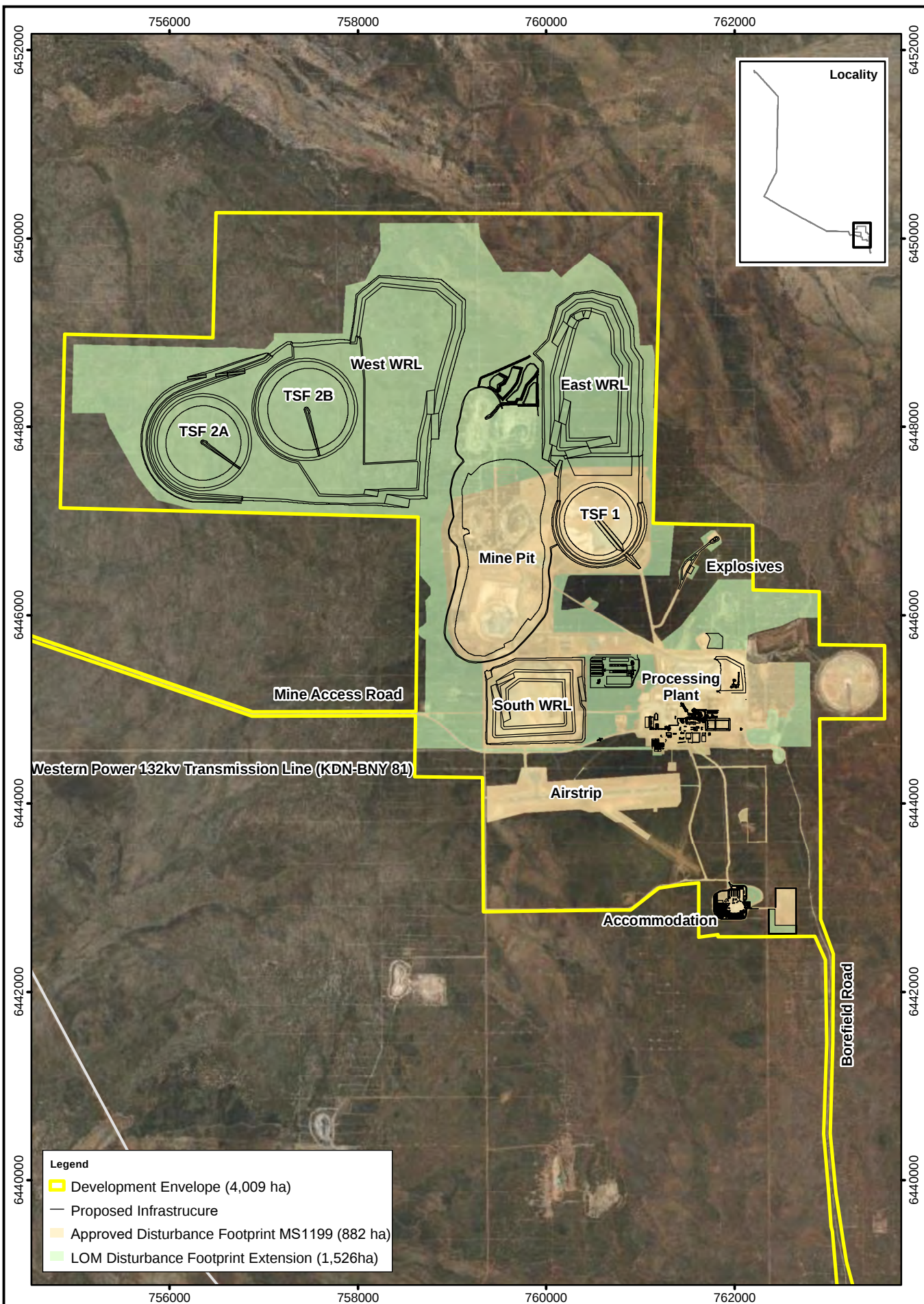
Earl Grey Lithium Project Proposal Regional Overview

Figure:

1



Drawn: CAD Resources ~ www.cadresources.com.au ~ CAD Ref: a2765_43A_01_04 ~ Source: Aerial photography:



Earl Grey Lithium Project
Life of Mine and Approved Area
Disturbance Areas

Figure:

3

Drawn: CAD Resources ~ www.cadresources.com.au ~ CAD Ref: a2765_43A_01_06 ~ Source: Tenements: DMIRS, Base Images: Landgate

