

APPENDIX 3: PROPOSAL CONTENT DOCUMENT

Template

Proposal Content Document

Table 1: General proposal content description

Proposal title	Keysbrook Mineral Sands Mine
Proponent name	Keysbrook Leucoxene Pty Ltd
Short description	The proposal includes the expansion of a mineral sands mine including shallow mine pits with dewatering to facilitate dry mining techniques. Existing processing facilities, services and support infrastructure will be utilised. Mine voids will be progressively backfilled with sand and clay tailings and rehabilitated to pre-disturbance landuse (i.e. pasture).

Table 2: Proposal content elements

Proposal element	Location / description	Existing Proposal extent, capacity or range	Proposed Amendment (Content of S40AA)	Combined extent, capacity or range
Physical elements				
Mine elements including: <ul style="list-style-type: none">• Open pits• Roads• Overburden stockpiles• Topsoil stockpiles	Figure 2-2	Disturbance area of up to 1,745ha	Additional disturbance area of 511.64ha, which includes up to 20.04ha of native vegetation to be cleared.	2,257ha of disturbance area.
Processing elements including: <ul style="list-style-type: none">• Ore stockpiles• Wet concentrator• Process water dam				
Infrastructure elements: <ul style="list-style-type: none">• Supporting infrastructure• Buildings				
Operational elements				
Plant processing limit		Processing of ore to produce 1,085,000	Processing of ore to produce ~250,000	Processing of ore to produce

Proposal element	Location / description	Existing Proposal extent, capacity or range	Proposed Amendment (Content of S40AA)	Combined extent, capacity or range
		tonnes of heavy mineral concentrate over life of mine	tonnes of heavy mineral concentrate over life of mine	1,0335,000 tonnes of heavy mineral concentrate over life of mine
Groundwater abstraction for water supply		Up to 1.8GL per annum from the Leederville aquifer	No change	Up to 1.8GL per annum from the Leederville aquifer
Proposal elements with greenhouse gas emissions				
Operation elements:				
Scope 1	Mobile plant and equipment: 8,742 t Co ₂ -e	No change		
Scope 2	Electricity use: 18,827 t Co ₂ -e	No change		
Rehabilitation				
Progressive rehabilitation will be undertaken over the life of the mine.				
Commissioning				
N/A				
Decommissioning				
Remove all infrastructure within 3 years after completion of mining				
Other elements which affect extent of effects on the environment				
Proposal time*	Maximum project life	11.5 years	5.5 years	17 years

** Proponents should only provide realistic timeframes to avoid unnecessary change to proposal applications at referral (section 38C), assessment (section 43A) or post assessment (section 45C).*



