

Template

Proposal Content Document

Table 1: General proposal content description

| | |
|--------------------------|---|
| Proposal title | Yalyalup Mineral Sands Project |
| Proponent name | Doral Mineral Sands Pty Ltd |
| Short description | The proposal includes the expansion of a mineral sands mine including 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 • Laydown • Overburden stockpiles • Topsoil stockpiles | Figure 1-2 | Disturbance area of no more than 451.33ha, which includes no more than 2.72ha of native vegetation. | Additional disturbance area of 844.92ha, which includes up to 9.83ha of native vegetation to be cleared. | Combined disturbance area of up to 1,296.25ha with no more than 12.55ha of native vegetation. |
| Processing elements including: <ul style="list-style-type: none"> • Ore stockpiles • Wet concentrator • Process water dam | | | No change | |
| Infrastructure elements: <ul style="list-style-type: none"> • Supporting infrastructure • Buildings | | | No change | |
| Operational elements | | | | |

| Proposal element | Location / description | Existing Proposal extent, capacity or range | Proposed Amendment (Content of S40AA) | Combined extent, capacity or range |
|--|--|--|---|---|
| Plant processing limit | | Processing of ore to produce 1,085,000 tonnes of heavy mineral concentrate over life of mine | Processing of ore to produce ~1,300,000 tonnes of heavy mineral concentrate over life of mine | Processing of ore to produce ~2,385,000 tonnes of heavy mineral concentrate over life of mine |
| Groundwater abstraction for water supply | | Up to 1.6GL per annum from the Yarragadee aquifer | No change | Up to 1.6GL per annum from the Yarragadee aquifer |
| Proposal elements with greenhouse gas emissions | | | | |
| Operation elements: | | | | |
| Scope 1 | Mobile plant and equipment: 9,000 t Co ₂ -e | | No change | |
| Scope 2 | Electricity use: 13,000 t Co ₂ -e | | No change | |
| Rehabilitation | | | | |
| Progressive rehabilitation will be undertaken over the life of the mine. | | | | |
| Commissioning | | | | |
| N/A | | | | |
| Decommissioning | | | | |
| 3 years after completion of mining | | | | |
| Other elements which affect extent of effects on the environment | | | | |
| Proposal time* | Maximum project life | 5 years | 10 years | 15 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).