

Template

Proposal Content Document

Table 1: General proposal content description

	Existing Project	Proposed Change
Proposal title	Solomon Iron Ore Project	No Change
Proponent name	Fortescue Metals Group Limited	Fortescue Limited
Short description	Develop and operate the Solomon Iron Ore Mine, located approximately 60 kilometres north of Tom Price, including the Southern Borefield and Lower Fortescue Borefield, and operate the existing Hamersley Rail line.	Develop and operate the Solomon Iron Ore Mine, located approximately 60 kilometres north of Tom Price, including the Southern Borefield and Lower Fortescue Borefield, operate the existing Hamersley Rail line, and operate power generation facilities including renewable energy.

Table 2: Proposal content elements

Proposal element	Location / description	Existing maximum extent, capacity or range	Proposed maximum extent, capacity or range
Physical elements			
Mine and associated infrastructure, including the Southern Borefield and Groundwater Supplementation Area	Figure 1 and Figure 2	Clearing of no more than 16,131 ha of native vegetation within the 37,061 ha mine development envelope, including: <ul style="list-style-type: none"> no more than 11 ha of direct clearing within the Brockman Iron Cracking Clay PEC; and no more than 68 ha of clearing within the Groundwater Supplementation Area 	No Change
Hamersley Rail line and associated rail infrastructure, water infrastructure for	Figure 1	Clearing of no more than 2,324 ha of native vegetation within the 29,257 ha combined rail and rail spur corridor development envelopes.	No Change

Lower Fortescue Borefield			
Lower Borefield and Associated Infrastructure	Figure 1	Clearing of no more than 154 ha of native vegetation within the 25,092 ha Lower Borefield development envelope.	No Change
Power Supply	Figure 1	N/A	Construction and operation of power generation facilities including renewable energy.
Operational elements			
Power Supply	Figure 1	N/A	Operation of power generation facilities including renewable energy.
Water supply – Lower Fortescue Borefield	Figure 1	Up to 14 Gigalitres per annum (GL/a) from the Lower Fortescue Borefield within the Lower Fortescue Borefield Development Envelope and the Railway Development Envelope	No Change
Water Supply – Southern Borefield	Figure 2	Up to 12 GL/a from the Southern Borefield within the mine development envelope.	No Change
Dewatering	Figure 1 and Figure 2	Dewatering for mining to be confined within the Channel Iron Deposit and within the mine development envelope.	No Change
Dewater disposal	Figure 1 and Figure 2	Processing and operational water supply requirements	No Change
Backfilling of mine pits	Figure 1 and Figure 2	Pits to be backfilled to an extent that prevents the formation of pit lakes	No Change
Proposal elements with greenhouse gas emissions			
Construction elements:			
Scope 1	Not Assessed		No Change
Scope 2	Not Assessed		No Change

Operation elements:			
Scope 1	Not Assessed		No Change
Scope 2	Not Assessed		No Change
Rehabilitation			
Rehabilitation of the project will be implemented through the approved Mine Closure Plan for Solomon.			No Change
Commissioning			
N/A			No Change
Decommissioning			
Closure of the project will be implemented through the approved Mine Closure Plan for Solomon.			No Change
Other elements which affect extent of effects on the environment			
Proposal time*	Maximum project life	55 Years	No Change
	Construction phase	N/A	No Change
	Operations phase	N/A	No Change
	Decommissioning phase	N/A	No Change

* 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).