

Attachment 3 to Statement 514

Change to Proposal

Proposal: West Angelas Iron Ore Project, Shires of East Pilbara, Ashburton and Roebourne

Proponent: Robe River Mining Co. Pty. Ltd.

Change: Increase throughput to 40 million tonnes per annum, update of mine figure (Figure 10) and amendments to Key Characteristics Table.

Key Characteristics Table

Element	Description of Approved Proposal	Description of Approved Changes to Proposal
Minesite		
Mining rate (throughput production of iron ore)	Approximately 30 Mtpa.	Approximately 40 million tonnes per annum
Measured resource: Deposits "A" & "B"	458 Mt & 236 Mt	Removed – no longer relevant to assessment criteria
Life of project	27-30 years	27-30 years
Mine pit area: Deposits "A" & "B"	Approximately 460ha, 335ha	Removed – Area included in "Area of disturbance"
Maximum pit depth: <ul style="list-style-type: none"> • Deposit "A" • Deposit "B" 	Approximately 250m, 180m	Approximately <ul style="list-style-type: none"> • 250 metres • 180 metres
Depth to water table: <ul style="list-style-type: none"> • Deposit "A" • Deposit "B" 	Approximately 102m (Fig 5.2 ERMP) 114m (Fig 5.3 ERMP)	Approximately <ul style="list-style-type: none"> • 102 metres • 114 metres
Area of overburden storage: <ul style="list-style-type: none"> • Deposit "A" • Deposit "B" 	Approximately 850ha, 600ha	Removed – Area included in "Area of disturbance"
Dewatering requirements	Required to access ore below water table	Required to access ore below water table
Dewatering discharge	Normally to process plant and dust control	Normally to process plant and dust control
Area of disturbance	4067ha (camps, infrastructure, Deposits "A" and "B" and overburden waste dumps)	4,067 hectares (camps, infrastructure, Deposits "A" and "B" and overburden waste dumps)
Air strip (runway)	Approximately 2.3km	Approximately 2.3 kilometres
Diesel fuelled power station	Maximum demand 7200kW	Maximum demand 7,200 kilowatts
Water pipeline (above ground)	Approximately 30km	Approximately 30 kilometres
Location of mine accommodation village	Approximately 9km north-west of minesite	Approximately 9 kilometres north-west of minesite
Workforce (entire project) <ul style="list-style-type: none"> • Construction • Operation 	Approximately 1200 Approximately 450	Removed – no longer relevant to assessment criteria

Element	Description of Approved Proposal	Description of Approved Changes to Proposal
Water supply source • Construction • Operation	Turee Creek B Borefield and minesite bores Approximately 2ML/day Approximately 4-6ML/day	Turee Creek B Borefield and minesite bores • Approximately 2 million litres per day • Approximately 4-6 million litres per day
Railway Locations		
Train movements (170 cars per train)	22 / week	22 per week
Railway	Additional rail siding at Spoonbill – located from approx 384.6km to 387.3km on the existing West Angelas line	Additional rail siding at Spoonbill – located from approx 384.6 kilometres to 387.3 kilometres on the existing West Angelas line
<u>Section</u>	<u>Route</u>	<u>Route</u>
Coondewanna Flats	“CALM Mt Robinson” route, unless modified according to the requirements of condition 10	“CALM Mt Robinson” route, unless modified according to the requirements of Condition 10
Karijini	Marandoo Corridor	Marandoo Corridor
Hamersley Station Flats	Marandoo Rail corridor (east of Eagle Siding to west of Rosella Siding – connecting to the existing Dampier-Tom Price rail infrastructure	Marandoo Rail corridor (east of Eagle Siding to west of Rosella Siding – connecting to the existing Dampier-Tom Price rail infrastructure
Hamersley Station Flats to Lower Chichester Ranges	Dampier-Tom Price alignment	Dampier-Tom Price alignment
Millstream – Chichester National Park	Hamersley Parallel route, as modified according to the requirements of condition 10	Hamersley Parallel route, as modified according to the requirements of Condition 10
Port		
Ship Loading	15-20Mt/a	15-20 million tonnes per annum
Ships	397/a	Removed – no longer relevant to assessment criteria
Reclamation for port stockpile	44.4ha	44.4 hectares
Wharf extension	250m	250 metres
Dredging volume	Approximately 590,000m ³	Approximately 590,000 cubic metres
All		
Greenhouse gases (CO ₂)	approx. 0.140 Mt/a	approximately 0.140 million tonnes per annum

List of Figures:

Figure 10: West Angelas Ministerial Statement 514 Updated Approval Outline

Dr Paul Vogel
CHAIRMAN
Environmental Protection Authority
under delegated authority

Approval date: 20.8.09

