

Attachment 3 to Statement 753

Change to Proposal

Proposal: Mt Gibson Iron Ore Mine & Infrastructure Project, Shire of Yalgoo

Proponent: Joint: Mt Gibson Mining Limited and Extension Hill Pty Ltd

Change: Increase the mine pit, waste dump and processing plant area, and change the location of the accommodation village and airstrip.

Element	Description of approved proposal	Description of approved changes to proposal
Project life	Approximately 20 years	Approximately 40 years
Project life - hematite	Hematite project life minimum 5 years	Hematite project life minimum 5 years
Ore quantity	Magnetite approximately 230 Million tonnes Hematite approximately 13 Million tonnes	Magnetite approximately 1,000 million tonnes Hematite approximately 13 million tonnes
Waste Management	Overburden will be stockpiled in a dump to the east of the pit. Tailings from magnetite processing will be combined with the overburden dump.	Overburden will be stockpiled in a dump to the east of the pit. Tailings from magnetite processing will be combined with the overburden dump.
Processing requirements	<ul style="list-style-type: none"> • Dry and wet processing of magnetite to produce approximately 5 Million tonnes per annum of magnetite concentrate • Dry processing of hematite 	<ul style="list-style-type: none"> • Dry and wet processing of magnetite to produce approximately 10 million tonnes per annum of magnetite concentrate • Dry processing of hematite
Mining rate - hematite	Hematite mining rate 3 MTPA	Hematite mining rate 3 million tonnes per annum
Size of final pit	Approximately 2,400 metres long and 700 metres wide.	Approximately 2,500 metres long and 1,000 metres wide
Depth of final pit	Not more than 350 metres below the ground level (approximately 220 metres below the groundwater level)	Not more than 500 metres below the ground level (approximately 370 metres below the groundwater level)
Height of waste dump	400 metres RL	Not more than 460 metres RL
Dewatering	Approximately 2,500 cubic metres per day	Approximately 2,500 cubic metres per day
Mine water supply	<ul style="list-style-type: none"> • Dewater for potable and domestic supplies: 80 cubic metres per day • Dewater for dust suppression: 2,055 cubic metres per day • Process water and slurry transportation water: 5,424 cubic metres per day from the Tathra borefield (piped 168 kilometres to the mine site) and drying of tailings 	<ul style="list-style-type: none"> • Dewater for potable and domestic supplies: 80 cubic metres per day • Dewater for dust suppression: 2,055 cubic metres per day • Process water and slurry transportation water: 5,424 cubic metres per day from the Tathra borefield (piped 168 kilometres to the mine site) and drying of tailings

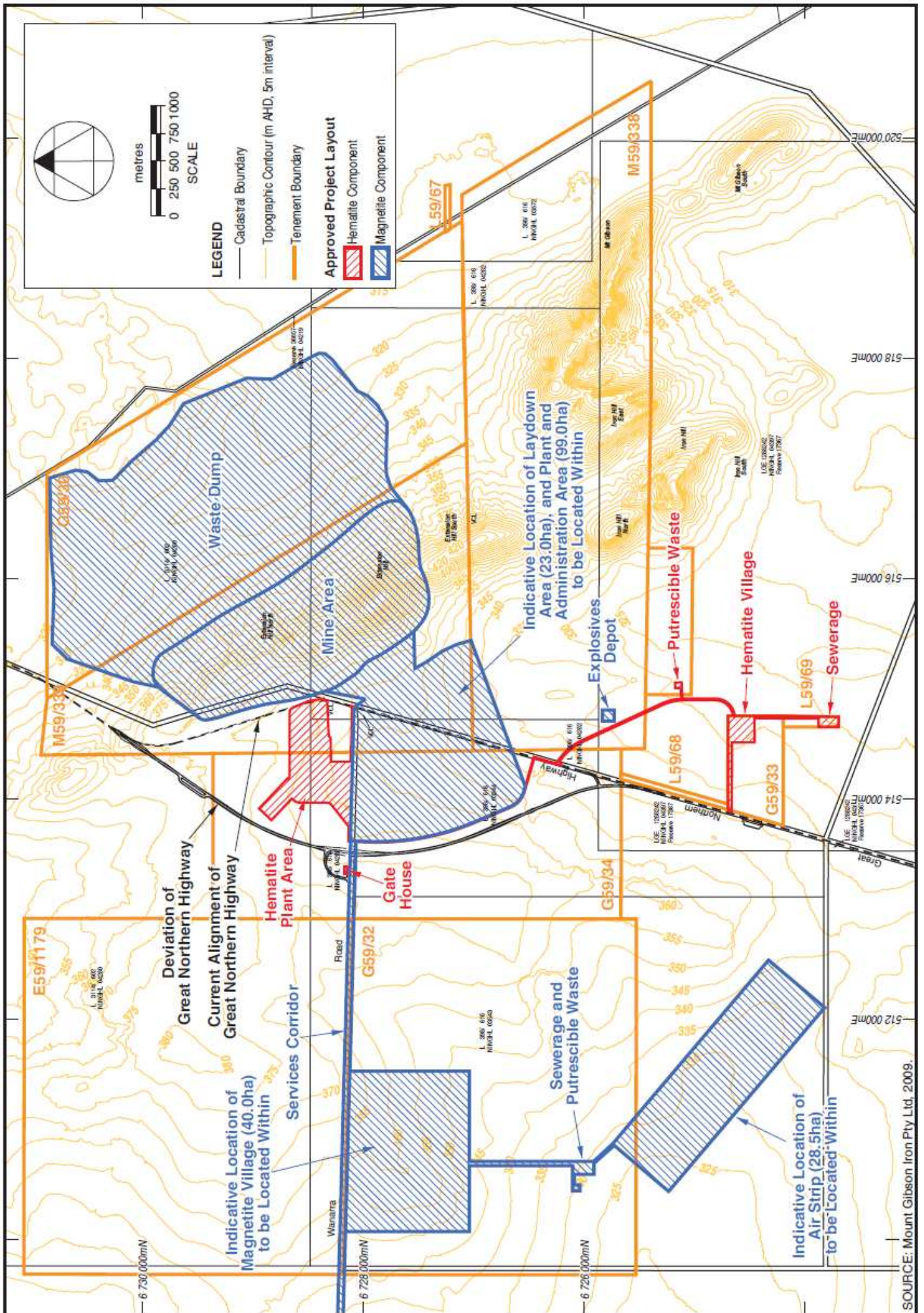
Element	Description of approved proposal	Description of approved changes to proposal
Vegetation disturbance	Not more than 880 hectares at the mine site (152 hectares for the mine pit and 552 hectares for the waste dump) Not more than 90 hectares along the services corridor	Not more than 1,038 hectares at the mine site, including: <ul style="list-style-type: none"> • 251 hectares mine pit; • 548 hectares waste dump; • 99 hectares magnetite processing; and • 24 hectares temporary laydown area (to be rehabilitated) Not more than 90 hectares along the services corridor
Hematite ROM process plant	10.5 ha	10.5 hectares
Underground pipelines within the services corridor	<ul style="list-style-type: none"> • Slurry pipeline from the mine site to Geraldton Port • Return water pipelines from Geraldton Port to Three Springs, from Three Springs to the mine site, and from the Tathra Borefield to the return water pipeline near Three Springs • Pumping stations for the water • Gas pipeline from Mine Line Valve 92 on the Dampier-Bunbury Natural Gas Pipeline to the mine site 	<ul style="list-style-type: none"> • Slurry pipeline from the mine site to Geraldton Port • Return water pipelines from Geraldton Port to Three Springs, from Three Springs to the mine site, and from the Tathra Borefield to the return water pipeline near Three Springs • Pumping stations for the water • Gas pipeline from Mine Line Valve 92 on the Dampier-Bunbury Natural Gas Pipeline to the mine site
Width of services corridor	<ul style="list-style-type: none"> • Not more than 15 metres in pastoral section (from Monger's Lake to the mine site) • Not more than 20 metres in the agricultural section (from Geraldton Port to Monger's Lake) 	<ul style="list-style-type: none"> • Not more than 15 metres in pastoral section (from Monger's Lake to the mine site) • Not more than 20 metres in the agricultural section (from Geraldton Port to Monger's Lake)
Airstrip	West of plant	South west of plant (28.5 hectares)
Deviation of Great Northern Highway	21 ha	21 hectares
Hematite village	South of plant site (21 ha) (including camp access track)	South of plant site (21 hectares) (including camp access track)
Magnetite village	Co-located with hematite village, south of plant site	West of plant site (40 hectares)
Power	Gas supplied power station	Electricity from South West Interconnection System grid to supplement gas power station

List of Figures:

Figure 7: Mt Gibson Iron Ore Mine & Infrastructure Project – Mine site layout

Dr Paul Vogel
CHAIRMAN
Environmental Protection Authority
under delegated authority

Approval date: 2-6-09



SOURCE: Mount Gibson Iron Pty Ltd, 2009.

Figure 7: Mt Gibson Iron Ore Mine & Infrastructure Project – Mine site layout