GOVERNMENT OF WESTERN AUSTRALIA

Environmental Protection Authority

Environmental Protection Act 1986

Section 43A

NOTICE OF DECISION TO CONSENT TO AMEND A REFERRED PROPOSAL DURING ASSESSMENT

PERSON TO WHOM THIS NOTICE IS GIVEN

Atlas Iron Pty Ltd (ABN: 63 110 396 168)
28-42 Ventnor Avenue
WEST PERTH WA 6005

PROPOSAL TO WHICH THIS NOTICE RELATES:

Ridley Magnetite Project
Assessment No. 2362; APP-0000162

Pursuant to s. 43A of the *Environmental Protection Act 1986* (EP Act), the Environmental Protection Authority (EPA) gives approval to the assessment of the proposal being completed in respect of the proposal as amended in accordance with the proponent's request:

- Removal of the proposed 20 kilometre desalination plant marine intake and outfall pipe structures and inclusion of an approximately 500 metre jetty structure into the marine environment to support intake and outfall pipelines.
- Modifications and an overall increase to the development envelope by 4,921 hectares (ha) (from 14,181 ha to 19,102 ha) as shown in the attached figures, and comprising:
    - 1,701 ha increase due to an increase in the width of the desalination plant pipeline corridor to 1,000 m.
    - 601 ha increase associated with the realignment of the slurry pipeline at Port Hedland.
    - 297 ha increase due to an increase in the width of the eastern road corridor, to 200 m, and the inclusion of borrow pits along the road alignment.
    - 2,235 ha increase due to changes to the layout of supporting infrastructure, such as the accommodation camp.
    - 87 ha increase associated with an increase in the size of the desalination plant.
- Increase the indicative disturbance footprint by 1,078 ha (from 7,406 ha to 8,484 ha).
- Administrative changes to standardise and simplify the proposal content document, including: revised greenhouse gas emissions estimates and more specific limits and extents for proposal elements.

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The amended proposal content document and figures are attached.

SUMMARY OF REASONS:

- The amendments to the proposal reflect the outcomes of more detailed project design, and in part facilitate the avoidance of direct impacts to environmental values (e.g. increase in width of pipeline corridors).

- The amendments will result in an overall increase to the development envelope of 4,921 ha (from 14,181 ha to 19,102 ha) and a corresponding increase to the disturbance footprint of 1,078 ha (from 7,406 ha to 8,484 ha). The scale of the increase to the development envelope reflects the proponent's requirement for flexibility in proposal design (e.g. to facilitate avoidance of environmental values).

- The amendments to the development envelope and clearing extent (disturbance footprint) will result in some changes in direct impacts to flora and vegetation and terrestrial fauna (e.g. through habitat loss). However, the impacts of the amended proposal are expected to be comparable with those of the original proposal.

- The amendment to the desalination plant marine intake and outfall pipelines will reduce direct impacts to the marine environment. The amendment avoids direct impact to sensitive benthic communities and habitat (BCH) (e.g. Macroalgae and Sponge and/or Soft Coral) as the marine development envelope extent has been reduced from 20 km from shore to 1.25 km from shore. The inclusion of a jetty structure to support the intake and outfall pipelines in the intertidal area will reduce impacts to BCH and coastal processes.

- The amendments include the brine outfall diffuser being located closer to shore (1.25 km) than the original proposal (20 km). This may result in different impacts to marine environmental quality during operations. The amended outfall location is expected to result in well-mixed brine discharge due to the strong tidal currents in the area, and therefore unlikely to result in vertical stratification and oxygen depletion at the seabed. As noted above, the nearshore brine outfall location avoids sensitive BCH identified in the area.

- The proponent has consulted with relevant Traditional Owner representatives regarding the amendments to the proposal. No changes are expected with respect to potential impacts to Aboriginal cultural heritage values.

- The amendments are not expected to result in any additional or materially different impacts to subterranean fauna, terrestrial environmental quality, inland waters or air quality.

- Revised greenhouse gas emissions estimates provided in the amended proposal content document reflect updated calculations, including consideration of product haulage emissions as proposal scope 1 emissions. The amendments to the

proposal do not include any physical changes to operations that would materially increase or decrease expected greenhouse gas emissions for the proposal.

- There are no new environmental factors likely to be significantly affected as a result of the amendments, and no additional EPA functions need to be performed to assess the amended proposal.

- The amended proposal will still be substantially the same character as the existing referred proposal.

- The amendments to the development envelope are largely captured within the spatial extent of completed surveys and investigations for the original proposal. The proponent has identified some additional areas that require survey to support the EPA's assessment. These additional works can be addressed through the environmental scoping process, noting that an Environmental Scoping Document has not been approved for the assessment.

- As part of this amendment to the proposal, several administrative changes to the proposal content document have been made to standardise and simplify the document. The changes to the document do not represent any substantial changes to the proposal that would materially change the environmental impacts of the proposal.

Summary of likely changes to environmental impacts from proposed amendment

The amendments to the original proposal are likely to result in decreased environmental impacts to the marine environment due to the reduction in disturbance required for the desalination plant intake and outfall pipelines. The modifications and increases to the terrestrial development envelope are not likely to significantly change the environmental impacts of the proposal. The increase to the disturbance footprint will result in a slight increase in direct impacts associated with vegetation and habitat removal. No new environmental impacts are expected from the amendments.

EFFECT OF THIS NOTICE:

1. The assessment of the proposal is to be completed in respect of the proposal as amended in accordance with the decision set out in this notice.

2. The proposal as amended in accordance with this notice is taken to have been referred to the EPA under s. 38 of the EP Act.

RIGHTS OF APPEAL:

There are no rights of appeal under the EP Act in respect of this decision.

Darren Walsh
Delegate of the Environmental Protection Authority
CHAIR

24 January 2025

Attachment 1 – Amended proposal content document and figures

Table 1: General proposal content description

Proposal title	Ridley Magnetite Project
Proponent name	Atlas Iron Pty Ltd
Short description	The Ridley Magnetite Project **(the Proposal)** is located approximately 57 km east of Port Hedland ~~(refer Figure 1)~~. **The Proposal is located within a 19,102 ha Development Envelope (DE) with an indicative disturbance footprint (IF) of 8,484 ha.** The ~~Proposed Action~~ **Proposal** is for the mining and processing of iron ore to produce ~~3 Million tonnes per annum (Mtpa) of magnetite concentrate for export under Stage 1, with an increase to 16.5 Mtpa under Stage 2~~ **up to 16.5 million tonnes per annum (Mtpa) of magnetite concentrate.** The ~~Proposed Action~~ **Proposal** includes a single pit (below water table), run-of-mine pad, concentrate stockpiles, laydown areas, waste dumps, desalination plant and pipelines **(intake, outfall)**, processing plant, power infrastructure, tailings storage facility and supporting infrastructure including groundwater bores, process water storage ponds/tanks, roads, accommodation camp, administration buildings, communications infrastructure, borrow pits, explosives magazine, fuel storage and landfill. A services corridor will run ~~to the site from Port Hedland~~ **from the site to a dewatering plant at Port Hedland**. ~~Under Stage 1 ore concentrate will be transported by truck to Utah Point in Port Hedland. Under Stage 2 a slurry pipeline will transport product to Port Hedland and a 28 gigalitre per annum desalination plant and solar field will be constructed.~~ **The Proposal will initially transport concentrate by truck to Port Hedland and will transition to a slurry pipeline on completion of construction of this element.**

Table 2: Proposal content elements

Proposal element	Location / description	Associated activity element*	Existing Proposal extent, capacity or range	Proposed max extent, capacity or range (content of s43A amendment)	Combined max extent, capacity or range (existing proposal + amendment)
Physical elements					
Mining elements, including: • Single open pit • Haul and access roads • Waste rock landform • Explosives storage	Figure 1-1 Figure 1-2 Figure 1-3 Figure 1-4	N/A	Within the 14,181 ha Development Envelope (DE). Clearing of native vegetation captured by the 7,406 ha Indicative Footprint (IF).	Indicative Footprint increased by 1,078 ha. DE increased by 4,921 ha.	Disturbance of up to 8,484 ha within a Development Envelope of 19,102 ha.
Processing elements, including: • Processing plant • Tailings dam • Run of mine • Stockpiles • Process water storage tanks/ponds • Reagent storage					
Supporting activities and infrastructure, including: • Workshops • Fuel storage and refuelling					

Proposal element	Location / description	Associated activity element*	Existing Proposal extent, capacity or range	Proposed max extent, capacity or range (content of s43A amendment)	Combined max extent, capacity or range (existing proposal + amendment)
• Administration and offices • Accommodation camp • Wastewater treatment plants and sprayfields • Dewatering infrastructure • Landfill • Desalination plant and associated infrastructure • Dewatering plant and slurry/return water pipelines • Power infrastructure • Communications infrastructure • Ancillary infrastructure					
Construction elements					
Element 1. Crushing and screening plant	Figure 1-1	Clearing of native vegetation	Within the 14,181 ha Development	Consolidated construction	Disturbance of up to 8,484 ha with a 19,102

Proposal element	Location / description	Associated activity element*	Existing Proposal extent, capacity or range	Proposed max extent, capacity or range (content of s43A amendment)	Combined max extent, capacity or range (existing proposal + amendment)
Element 2. Desalination plant	Figure 1-2 Figure 1-3 Figure 1-4	Construction Earthworks	Envelope and size captured within the 7,406 ha Indicative Footprint.	elements and associated activity elements from the referral PCD. Refer s43A. Indicative Footprint increased by 1,078 ha. DE increased by 4,921 ha.	ha Development Envelope.
Element 3. Hazardous storage (explosive mixing and storage, chemical storage)					
Element 4. Marine intake and outfall pipes					
Element 5. Open pit below water table					
Element 6. Pipeline above ground					
Element 7. Power generation facility (solar)					
Element 8. Processing plant					
Element 9. Roads (sealed and unsealed)					
Element 10. Stockpiling Ore					

Proposal element	Location / description	Associated activity element*	Existing Proposal extent, capacity or range	Proposed max extent, capacity or range (content of s43A amendment)	Combined max extent, capacity or range (existing proposal + amendment)
Element 11. Stockpile waste rock dump					
Element 12. Supporting infrastructure (e.g. offices, workshops, hardstands)					
Element 13. Tailings storage facility					
Operational elements					
Element 1. Crushing and screening plant	Figure 1-1 Figure 1-2 Figure 1-3 Figure 1-4	Ore Processing	Within the Development Envelope and size captured within the Indicative Footprint	No change	Processing of ore to produce up to 16.5 Mtpa of magnetite concentrate
Element 1. Crushing and screening plant		Water Discharge	Water for dust suppression, within the 14,181 ha Development Envelope.	Removed from PCD	Removed from PCD, refer s43A.
Element 3. Hazardous storage (explosive mixing and storage, chemical storage)		Hazardous Storage	Within the Development Envelope and size	Removed from PCD	Removed from PCD, refer s43A.

Proposal element	Location / description	Associated activity element*	Existing Proposal extent, capacity or range	Proposed max extent, capacity or range (content of s43A amendment)	Combined max extent, capacity or range (existing proposal + amendment)
			captured within the Indicative Footprint.		
Element 4. Marine intake and outfall pipes		Brine Discharge	Discharge of up to 42 GL per annum of brine from the desalination plant, with a salinity of up to 80,000 mg/L	No change	Brine discharge (ocean outfall) of up to 42 GL/a from the desalination plant, with a salinity of up to 80,000 mg/L
Element 4. Marine intake and outfall pipes		Seawater Intake	Within the Development Envelope and size captured within the Indicative Footprint.	Updated extent, capacity or range.	Seawater intake of approximately 70 GL/a to produce up to 28 GL/a of desalinated water.
Element 5. Open pit below water table		Blasting	Within the Development Envelope and within the Indicative Footprint.	Incorporated into the physical elements of the Proposal, refer s43A.	Incorporated into the physical elements of the Proposal, refer s43A.
Element 5. Open pit below water table		Groundwater abstraction/dewatering	Pit dewatering and groundwater abstraction of up to 6.0 GL per annum.	No change	Pit dewatering and groundwater abstraction of up to 6.0 GL per annum.
Element 5. Open pit below water table		Mining earthworks/excavation	Within the Development Envelope and size	Incorporated into the physical elements of the	Incorporated into the physical elements of the Proposal, refer s43A.

Proposal element	Location / description	Associated activity element*	Existing Proposal extent, capacity or range	Proposed max extent, capacity or range (content of s43A amendment)	Combined max extent, capacity or range (existing proposal + amendment)
			captured within the Indicative Footprint.	Proposal, refer s43A.	
Element 6. Pipeline above ground		Process water supply	Within the Development Envelope and size captured within the Indicative Footprint.	Removed from PCD.	Removed from PCD, refer s43A.
Element 6. Pipeline above ground		Transport of magnetite	Within the Development Envelope and size captured within the Indicative Footprint.	Removed from PCD.	Removed from PCD, refer s43A.
Element 7. Power generation facility (solar)		Power/energy production	Solar field power generating facility within the Development Envelope and size captured within the Indicative Footprint.	Removed from PCD.	Removed from PCD, refer s43A.
Element 8. Processing plant		Ore processing	Processing of up to 16.5 Mtpa of product.	No change.	Processing of up to 16.5 Mtpa of product.
Element 8. Processing plant		Waste discharge	Waste as 'tailings' to be stored within the	Updated extent, capacity or range.	Up to 560 million cubic metres of tailings over the Life of Mine (LOM).

Proposal element	Location / description	Associated activity element*	Existing Proposal extent, capacity or range	Proposed max extent, capacity or range (content of s43A amendment)	Combined max extent, capacity or range (existing proposal + amendment)
			Tailings Storage Facility.		
Element 9. Roads (sealed and unsealed)		Transport	Transport of ore, waste rock and magnetite concentrate around site, transport of magnetite concentrate to Port Hedland. Within the Development Envelope and size captured within the Indicative Footprint.	Incorporated into other elements of the Proposal, refer s43A.	Incorporated into other elements of the Proposal, refer s43A.
Element 10. Stockpiling Ore		Stockpile Management	Within the Development Envelope and size captured within the Indicative Footprint.	Incorporated into the physical elements of the Proposal, refer s43A.	Incorporated into the physical elements of the Proposal, refer s43A.
Element 11. Stockpile waste rock dump		Earthworks	Within the Development Envelope and size captured within the Indicative Footprint.	Incorporated into the physical elements of the Proposal, refer s43A.	Incorporated into the physical elements of the Proposal, refer s43A.

Proposal element	Location / description	Associated activity element*	Existing Proposal extent, capacity or range	Proposed max extent, capacity or range (content of s43A amendment)	Combined max extent, capacity or range (existing proposal + amendment)
Element 11. Stockpile waste rock dump		Stockpile management	Within the Development Envelope and size captured within the Indicative Footprint.	Incorporated into the physical elements of the Proposal, refer s43A.	Incorporated into the physical elements of the Proposal, refer s43A.
Element 12. Supporting infrastructure (e.g. offices, workshops, hardstands)		Discharge of treated water	Within the Development Envelope and size captured within the Indicative Footprint.	Removed from PCD.	Removed from PCD, refer s43A.
Element 13. Tailings storage facility		Tailings storage	Within the Development Envelope and size captured within the Indicative Footprint.	Updated extent, capacity or range.	Up to 560 million cubic metres over the Life of Mine (LOM).
Proposal elements with greenhouse gas emissions					
Construction elements:					
Scope 1		Total scope 1: 388,206 tCO2-e Includes the following sources: • Diesel consumption during clearing • Diesel consumption during earthworks and infrastructure construction (D9, excavator, trucks, light vehicles)		No change	Total scope 1: 388,206 tCO2-e

Proposal element	Location / description	Associated activity element*	Existing Proposal extent, capacity or range	Proposed max extent, capacity or range (content of s43A amendment)	Combined max extent, capacity or range (existing proposal + amendment)
		• Loss of carbon due to vegetation clearing			
Scope 2		N/A		No change	N/A
Scope 3		N/A		No change	N/A
Operation elements:					
Scope 1		Total Scope 1: 2,373,470 tCO_2-e, comprising: • 48,470 tCO_2-e over stage 1 (3 Mtpa product output) over CY2027 to CY2029; and • 2,325,000 tCO_2e (16.5 Mtpa product output) over CY2030 to CY2055. Diesel consumption drives 99.99% of Scope 1 emissions. The primary source of diesel consumption is on-site diesel consumption from mining activities. Consumption estimates are based on benchmarking mining operations to other Pilbara mining operations. Emission factors from table 2.0 of the National Greenhouse Account Factors used for estimating combined diesel emissions from combustion.		Revised calculations, including haulage of product to Port Hedland.	Average annual GHG emissions 168 kt CO_2-e
Scope 2		Total Scope 2: 18,825,000 tCO_2-e, comprising: • 460,000 tCO_2-e over stage 1 (3 Mtpa product output) over CY2027 to CY2029; and		Revised calculations	Average annual GHG emissions 1,629 kt CO_2-e

Proposal element	Location / description	Associated activity element*	Existing Proposal extent, capacity or range	Proposed max extent, capacity or range (content of s43A amendment)	Combined max extent, capacity or range (existing proposal + amendment)
		• 18,365,000 tCO_2e (16.5 Mtpa product output) over CY2030 to CY2055. *Quantification method and assumptions:* Current power procurement method being progressed is a NWIS grid connection. Electricity consumption forecast based on preliminary electrical designs and benchmarking to other operations. Scope 2 emissions intensity factor tCO_2-e/MWh for NWIS sourced from Australia's emissions projections 2022 – Published December 2022 by DCCEEW.			
Scope 3		Total Scope 3: 577,028,220 tCO_2-e, comprising: • 11,928,220 tCO_2-e over stage 1 (3 Mtpa product output) over CY2027 to CY2029; and • 565,100,000 tCO_2e (16.5 Mtpa product output) over CY2030 to CY2055. Scope 3 sources include: • Haulage of ore to port ≤ 0.005% • Shipping of ore = 2% • Shipping additives = 1% • Sinter plant = 16.5% • Coke oven = 5.5% • Blast furnace = 64.5%		Revised calculations	Average annual GHG emissions 197.3 kt CO_2-e

Proposal element	Location / description	Associated activity element*	Existing Proposal extent, capacity or range	Proposed max extent, capacity or range (content of s43A amendment)	Combined max extent, capacity or range (existing proposal + amendment)
		• Steel making = 10.5% *Quantification method and assumptions:* • Haulage: ○ Haulage of concentrate product from site to port is ~81 km each way. ○ Haulage will be undertaken offsite by a contractor (therefore is classified as Scope 3) ○ Haulage is confined to CY2027 to CY2029 as concentrate product transport will be via pipeline from CY2030. • Output of the Proposal is a high grade 68% Fe Magnetite product which can be used for both Natural Gas/H_2 based Direct Reduction Iron Ore (DRI) and Electric Arc Furnace (EAF) for steelmaking. The typical emissions factors for these processes are: ○ Natural gas-based DRI EAF = ~0.99 tCO_2-e/t-LS ○ Green Hydrogen-based DRI EAF = ~0.2 tCO_2-e/t-LS In comparison, the majority of the Pilbara currently produces a lower grade 58-62% Fe hematite/goethite product that is best suited to coal-based Blast Furnace/Blast Oxygen			

Proposal element	Location / description	Associated activity element*	Existing Proposal extent, capacity or range	Proposed max extent, capacity or range (content of s43A amendment)	Combined max extent, capacity or range (existing proposal + amendment)
		(BF-BOF). The typical emissions factor for this is: ○ Coal-based BF-BOF = ~2.19 tCO_2-e/t-LS Scope 3 emissions are dependent on the customer's steel production method. Proposal has adopted a conservative approach and assumed coal-based BF-BOF, however Scope 3 emissions from natural gas/H_2 DRI EAF could be as little as 10% of the value estimated for coal-based BF-BOF.			
Commissioning					
Wastewater Treatment Plants construction and commissioning Crusher construction and commissioning Processing plant construction and commissioning Tailings Storage Facility construction Desalination Plant and pipeline construction and commissioning Slurry pipeline construction and commissioning				No change	Commissioning will be undertaken subject to the operational limits above.
Decommissioning					
Element 1. Crushing and screening plant		Earthworks	Within the Development	Consolidated decommissioning	Decommissioning of the infrastructure and

Proposal element	Location / description	Associated activity element*	Existing Proposal extent, capacity or range	Proposed max extent, capacity or range (content of s43A amendment)	Combined max extent, capacity or range (existing proposal + amendment)
Element 2. Desalination plant			Envelope and size captured within the Indicative Footprint.	elements from the referral PCD. Refer s43 for full details. Decommissioning will be undertaken within the physical elements of the Proposal.	operational elements will be undertaken as it becomes obsolete or at the end of the life of mine. Decommissioning will be undertaken within the physical elements of the Proposal.
Element 3. Hazardous storage (explosive mixing and storage, chemical storage)					
Element 4. Marine intake and outfall pipes					
Element 5. Open pit below water table					
Element 6. Pipeline above ground					
Element 7. Power generation facility (solar)					
Element 8. Processing plant					
Element 9. Roads (sealed and unsealed)					
Element 10. Stockpiling Ore					

Proposal element	Location / description	Associated activity element*	Existing Proposal extent, capacity or range	Proposed max extent, capacity or range (content of s43A amendment)	Combined max extent, capacity or range (existing proposal + amendment)
Element 11. Stockpile waste rock dump					
Element 12. Supporting infrastructure (e.g. offices, workshops, hardstands)					
Element 13. Tailings storage facility					
Rehabilitation					
Where practicable, progressive rehabilitation will be undertaken over the life of the mine. Pits will be designed to be safe and non-polluting. Waste landforms will be constructed to be safe and non-polluting, with the final shape and size to be comparable with the natural landforms in the region.				No change	Where practicable, progressive rehabilitation will be undertaken over the life of the mine. Pits will be designed to be safe and non-polluting. Waste landforms will be constructed to be safe and non-polluting, with the final shape and size to be comparable with the natural landforms in the region.

Proposal element	Location / description	Associated activity element*	Existing Proposal extent, capacity or range	Proposed max extent, capacity or range (content of s43A amendment)	Combined max extent, capacity or range (existing proposal + amendment)
Other elements which affect extent of effects on the environment					
Proposal time*	Maximum project life		~30 years Proposed to start May 2025 and conclude May 2055.	~30 years	Approximately 33 years including construction and closure
	Construction phase		~2 years	*No change*	Approximately 2 years
	Operations phase		~28 years	*No change*	Approximately 28 years
	Decommissioning phase		~3 years post operations	*No change*	Approximately 3 years

**Associated activity elements for construction and decommissioning have been consolidated from the referral Proposal Content Document generated via Environment Online. Refer to the s43A Supporting Document for full details.*

650,000 mE
675,000 mE
700,000 mE
725,000 mE

7,775,000 mN
7,750,000 mN

Desalination Plant & Marine Pipelines
Mine Area
Services Corridor
Great Northern Hwy
Marble Bar
Tabba Tabba Creek
Petermurer Creek
Beebingarra Creek
Turner River East Branch
De Grey River
East Strelley

Main Roads
Watercourses
Indicative Footprint
Development Envelope

File Name: GIS_3519.aprx	Projection: GDA 1994 MGA Zone 50		
Date: 22/02/2023	0 5 10 Kilometres	N	Original Proposal
Drawn: Justin.Venables			Figure No: 1-1
Doc No:	Scale 1:225,000	Page size: A3	

RIDLEY ATLAS IRON

710,000 mE
720,000 mE
730,000 mE
7,760,000 mN
7,750,000 mN

Magazine
Laydown
Borrow Pit
Pit
Solar Farm
Laydown
Haul Road
Waste Dump
Crusher ROM
De Grey River
TSF Pipeline
Process Plant & NPI
Ridley Substation
TSF
Landfill
Haul Road
Laydown
East Strelley River
Laydown
Camp
Sprayfield
Borrow Pit
Laydown
Gatehouse
Great Northern Hwy

Main Roads
Watercourses
Indicative Footprint
Development Envelope

File Name: GIS_3519.aprx	Projection: GDA 1994 MGA Zone 50		
Date: 23/02/2023	0 1 2 Kilometres	N	
Drawn: Justin.Venables			
Doc No:	Scale 1:70,000	Page size: A3	

Original Proposal - Mine Area

Figure No: 1-2

RIDLEY ATLAS IRON

660,000 mE 670,000 mE 680,000 mE 690,000 mE 700,000 mE 710,000 mE 720,000 mE 730,000 mE

7,780,000 mN
7,770,000 mN
7,760,000 mN
7,750,000 mN
7,740,000 mN
7,730,000 mN

Desalination Plant and Marine Pipelines
Ridley River
Mine Area
Emergency Access Rd
De Grey River
Port Hedland
Port Hedland Rd
Stingray Creek
South East Creek
Great Northern Hwy
Salmon Creek
South Creek
Beebingarra Creek
Great Northern Hwy
Services Corridor
Marble Bar
Tabba Tabba Creek
Great Northern Hwy
Turner River

Main Roads
Development Envelope (Amended)
Indicative Footprint (Amended)
Watercourses

660,000 mE 670,000 mE 680,000 mE 690,000 mE 700,000 mE 710,000 mE 720,000 mE 730,000 mE

File Name: P526053_RidleyFigures.aprx	Projection: GDA2020 MGA Zone 50		
Date: 4/12/2024	0 0.5 1 2 3 kilometres	N	
Drawn: Carmen.Liang			
Doc No:	Scale 1:220,000	Page size: A3	

Amended Proposal

Figure No: 1-3

710,000 mE
720,000 mE
730,000 mE
7,760,000 mN
7,750,000 mN
Marloo Pool
Great Northern Highway
Great Northern Highway
Great Northern Highway
1

File Name: P526053_Ridley_Proposal_Figures.aprx	Projection: GDA2020 MGA Zone 50	Indicative Footprint Development Envelope	Amended Proposal - Mine Area
Date: 27/11/2024	0 1 2 kilometres		Figure No: 1.4
Drawn: Carmen.Liang			
Doc No:	Scale 1:70,000 Page size: A3		