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

(a) Karara Mining Limited (ACN: 070 871 831)
Level 2 London House
216 St Georges Terrace
PERTH WA 6000

PROPOSAL TO WHICH THIS NOTICE RELATES:

Karara Iron Ore Project – Mine Life Extension
Assessment No. 2369

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 to:

- Reduce the proposed development envelope by 76 hectares (ha) to 13,481 ha and reduce the proposed area of disturbance by 342 ha to 4,698 ha (Figures 1 & 2). This includes:
  - revising the proposed disturbance breakdown for the waste rock dump, tailings storage facility and site infrastructure
  - removing maintenance areas for existing infrastructure previously approved through clearing permits under Part V of the EP Act.
- Increase peak dewatering rate by 400 kL/day to 1700 kL/day from year 24 and reduce dewatering rate from year 29 by 200 kL/day to 650 kL/day.
- Revise greenhouse gas (GHG) emissions for operations to include:
  - Scope 1: Peak annual 143,653 t $CO_{2\text{-}e}$/year
  - Scope 2: Peak annual 265,000 t $CO_{2\text{-}e}$/year
  - Scope 3: Peak annual 12,184,227 t $CO_{2\text{-}e}$/year
- Extend the maximum project life by 6 years to 46 years (completion of closure implementation by 2055).

The amended proposal content document and figures are attached.

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SUMMARY OF REASONS:

- The amendment involves a net reduction of both the development envelope and disturbance area to reduce impacts to significant flora and vegetation values including *Lepidosperma* sp. Blue Hills (Priority 1) and *Caesia* sp. Koolanooka Hills (Priority 1).
- The amendment revises the peak dewatering rate based on the outcomes of the groundwater modelling. While the proposed extent and depth of dewatering remain unchanged, the daily dewatering rates have been updated to more accurately reflect the dewatering rate schedule.
- The amendment includes the GHG emissions from what was previously stated in line with the findings of the subsequent GHG assessment undertaken.
- The amendment increases the project life by 6 years to update the projected production operation and decommissioning time.
- The amended proposal will be substantially the same character as the existing referred proposal.
- As the proposed amendments do not introduce any new environmental factors, there are no additional EPA functions required to assess the amended proposal.
- A four-week public environmental review will occur on the Environmental Review Document (ERD), which will incorporate the proposed amendments.
- The proposal content document has been amended to reflect the proposed changes.

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

29 April 2026

Attachment 1 – Table of Changes including:

- Figure 1 – Proposed Development Envelope and Disturbance Footprint (area of disturbance) as referred versus as amended following s43A changes
- Figure 2 – Amendments to Disturbance Footprint (area of disturbance)

Attachment 2 – Amended proposal content document

Attachment 1 — Table of Changes

Proposal element	Existing Proposal extent, capacity, or range (KIOP; MS 805)	Existing Proposal extent, capacity, or range (MIOP; MS 806)	Referred Revised Proposal (as amended under s. 38C) – Combined Proposal Maximum Extent	Amendments sought under s. 43A	Amended Revised Proposal (after s. 43A) – Combined Proposal Maximum Extent
Proposal short description	The proposal is to construct and operate: • an iron ore mine to extract approximately 1426 Mt of magnetite ore; • associated mining infrastructure (i.e. processing plant, tailings storage facility, waste dumps, workshops etc); and a Linear Infrastructure Corridor (LIC) to contain the raw water pipeline to the borefield near Mingenew and an access road to Morawa.	The proposal is to mine hematite and magnetite iron ore from the Blue Hills North and Terapod deposits, and construction of associated mine infrastructure, upgraded access road to Morawa, Tilley Siding, and powerline corridor in the Midwest region of Western Australia.	This Proposal is to revise the existing Karara Iron Ore Project (KIOP), located 320 km north-northeast of Perth in the Midwest Region of Western Australia. The Proposal includes additional ground disturbance to support the revised Life of Mine strategy, including a revised development envelope, extension of the tailings storage facility and waste rock landform, incorporation of the areas previously approved under Mungada Iron Ore Project (MIOP) (MS 806), and areas required for maintenance of the infrastructure previously approved under Part V of the EP Act (clearing permits), which will be utilized for the ongoing operations at Karara.	Remove text “areas required for maintenance of the infrastructure previously approved under Part V of the EP Act (clearing permits)”.	This Proposal is to revise the existing Karara Iron Ore Project (KIOP), located 320 km north-northeast of Perth in the Midwest Region of Western Australia to include a Mine Life Extension (MLE). The Proposal includes an expansion to the development envelope, extension of the tailings storage facility and waste rock dump at the existing KIOP (MS 805) and incorporation of areas approved under MIOP (MS 806), which will be utilized for the ongoing operations at Karara.

Proposal element	**Existing Proposal extent, capacity, or range (KIOP; MS 805)**	**Existing Proposal extent, capacity, or range (MIOP; MS 806)**	**Referred Revised Proposal (as amended under s. 38C) – Combined Proposal Maximum Extent**	**Amendments sought under s. 43A**	**Amended Revised Proposal (after s. 43A) – Combined Proposal Maximum Extent**
Project life	Approximately 25 years.	Stage 1 - Approximately 3 years. Stage 2 - Approximately 7 years.	Combined KIOP & MIOP: Maximum project life: ~40 years (expect to end in 2050) • Construction phase: ~24 months • Operations phase: ~40 years (2010 – 2048) • Decommissioning phase: ~2 years (2048 – 2050).	Additional 6 years including associated changes to proposal phases.	Combined KIOP & MIOP: Maximum project life: 46 years (expect to end in 2055) • Construction phase: 0 years • Operations phase: 44 years (2010 – 2053) • Decommissioning phase: 3 years (2053 – 2055).
Physical elements					
Development envelope	Not defined.	Not defined.	Combined KIOP & MIOP: Up to 13,557 ha as shown in Figure 1.	Reduced by 76 ha.	Combined KIOP & MIOP: Up to 13,481 ha as shown in Figure 1.
Area of disturbance	Approx 3,027 ha. • Mine – approx. 2,336 ha; • LIC – approx. 384 ha; and Access Road – approx. 308 ha.	Approx 1,059.35 ha comprising: • pits and waste dumps – 290 ha; • infrastructure – 224 ha; • haul road – 257.35 ha; • gravel pits – 110 ha; • powerline corridor – 67 ha; and rail siding – 111 ha.	Combined KIOP & MIOP: Up to 5,040 ha (indicative disturbance footprint shown in Figure 1).	Net reduction of 342 ha as shown in Figure 2.	Combined KIOP & MIOP: Up to 4,698 ha (indicative disturbance footprint shown in Figure 1).

Proposal element	Existing Proposal extent, capacity, or range (KIOP; MS 805)	Existing Proposal extent, capacity, or range (MIOP; MS 806)	Referred Revised Proposal (as amended under s. 38C) – Combined Proposal Maximum Extent	Amendments sought under s. 43A	Amended Revised Proposal (after s. 43A) – Combined Proposal Maximum Extent
Pits	Single open cut pit: • Approx. 3,400 m long; • Approx. 1,300 m wide; and • Approx. 300 m deep.	Two open cut pits with final dimensions of: • Blue Hills North - 1,390 m long, 360 m wide, 133 m deep; and • Terapod – 1,440 m long, 360 m wide, 140 m deep.	No change.	No change.	Total combined size of pits 366 ha (subset of area of disturbance). KIOP: Single open cut pit: • Max 3,400 m long; • Max 1,300 m wide; and • Average 300 m deep below natural ground level. MIOP: Two open cut pits with final dimensions of: • Blue Hills North - 1,390 m long, 360 m wide, 133 m deep; and • Terapod – 1,440 m long, 360 m wide, 140 m deep.
Waste rock dump (WRD) and Run of Mine (ROM) pads	Single WRD located next to the pit, approx. 365 ha.	One WRD and ROM pad per pit: • Blue Hills North: 135 ha • Terapod: 58 ha.	KIOP: Single WRD up to 995 ha (additional 630 ha) with maximum height 450 mRL (106 m above ground level). MIOP:	KIOP: Reduction of 451 ha by reallocation of area to site infrastructure (aspects such as topsoil stockpiles) and removal of	Total combined size of WRDs/ROM pads 737 ha (subset of area of disturbance). KIOP:

Proposal element	Existing Proposal extent, capacity, or range (KIOP; MS 805)	Existing Proposal extent, capacity, or range (MIOP; MS 806)	Referred Revised Proposal (as amended under s. 38C) – Combined Proposal Maximum Extent	Amendments sought under s. 43A	Amended Revised Proposal (after s. 43A) – Combined Proposal Maximum Extent
			No change (193 ha total).	double-counting of MIOP WRDs. The proposed KIOP WRD landform size has not reduced. All still a subset of the area of disturbance. MIOP: No change.	Single WRD up to 544 ha (additional 179 ha) with maximum height 450 mAHD (106 m above ground level). MIOP: One WRD and ROM pad per pit: • Blue Hills North: 135 ha • Terapod: 58 ha.
Tailings storage facility (TSF) landform	Dry-stack and wet tailings cells within the final TSF landform, being a single dry stack TSF. Size not defined.	Stage 1 - Not produced during Stage 1. Stage 2 - Managed as part of the KIOP proposal.	Combined KIOP & MIOP: Dry-stack and wet tailings cells within the final TSF landform, being a single dry stack TSF. Increase size to no greater than 1,090 ha in total (subset of area of disturbance). Maximum height = 402 mRL.	Reduction of 230 ha after more detailed measurements and by reallocation of area to site infrastructure (aspects such as topsoil stockpiles). The TSF landform size has not reduced and is included in the overall area of disturbance.	Combined KIOP & MIOP: Dry-stack and wet tailings cells within the final TSF landform, being a single dry stack TSF. Size no greater than 860 ha in total (subset of area of disturbance). Maximum height = 402 mAHD.
Site infrastructure	• Processing plant • Run-of-mine (ROM) pad • Bulk fuel storage and re-fuelling pads	• Bore fields • Power line • Rail siding	Combined KIOP & MIOP: • Processing plant • ROM pad (at KIOP) • Bulk fuel storage and re-fuelling pads • Explosive compound and magazine	Removal of maintenance areas for Syncline Turner Haul Rd, Yandanooka water pipeline and rail loop.	Combined KIOP & MIOP: • Processing plant • ROM pad (at KIOP) • Bulk fuel storage and re-fuelling pads • Explosive compound and magazine

Proposal element	Existing Proposal extent, capacity, or range (KIOP; MS 805)	Existing Proposal extent, capacity, or range (MIOP; MS 806)	Referred Revised Proposal (as amended under s. 38C) – Combined Proposal Maximum Extent	Amendments sought under s. 43A	Amended Revised Proposal (after s. 43A) – Combined Proposal Maximum Extent
	• Explosive compound and magazine • Wastewater treatment facility • Reverse osmosis plant • Landfill • Airstrip		• Wastewater treatment facility • Reverse osmosis plant • Landfill • Airstrip • Bore fields • Power line • Rail siding Addition of maintenance areas for Syncline Turner Haul Rd, Yandanooka water pipeline and rail loop which were all constructed under Part V of EP Act (clearing permits).	Inclusion of abandonment bund for KIOP pit within list of infrastructure. After more detailed measurements and reclassification and reallocation, the areas defined as infrastructure increased by 406 ha, but is included in the overall area of disturbance.	• Wastewater treatment facility • Reverse osmosis plant • Landfill • Airstrip • Bore fields • Power line • Rail siding • Abandonment bund (KIOP) Total combined size of infrastructure 2,736 ha (subset of area of disturbance).
Operational elements					
Mining type	Magnetite ore	Stage 1 – Mining of direct shipping ore (DSO) above the water table. Stage 2 – Mining of DSO, and magnetite below the water table.	No change.	No change.	<u>KIOP:</u> Magnetite ore <u>MIOP</u>: Stage 1 – Mining of DSO above the water table. Stage 2 – Mining of DSO, and magnetite below the water table.

Proposal element	Existing Proposal extent, capacity, or range (KIOP; MS 805)	Existing Proposal extent, capacity, or range (MIOP; MS 806)	Referred Revised Proposal (as amended under s. 38C) – Combined Proposal Maximum Extent	Amendments sought under s. 43A	Amended Revised Proposal (after s. 43A) – Combined Proposal Maximum Extent
Production rate	• Stage 2 (first expansion) – Approx. 15.4 Mtpa of concentrate • Stage 3 – Approx. 22.8 Mtpa of concentrate • Stage 4 & 5 – Approx 37.6 Mtpa of concentrate.	Total mining rate Approx. 14.5 Mtpa. Ore production rate Approx. 3 Mtpa.	KIOP: Stage 2 (first expansion) to Stage 8 (final expansion) – 8.2 Mtpa of concentrate and 21 Mtpa of magnetite ore. MIOP: Mining is completed.	No change.	KIOP: Stage 2 (first expansion) to Stage 8 (final expansion) – 8.2 Mtpa of concentrate and 21 Mtpa of magnetite ore. MIOP: Mining is completed.
Waste rock volumes	Stage 2 (first expansion) – Approx. 23.1 Mtpa Stage 3 – Approx. 34.2 Mtpa Stage 4 & 5 – Approx. 37.6 Mtpa	Not defined.	KIOP: Stage 2 (first expansion) to Stage 8 (final expansion) – 17 Mtpa. Additional 245 Mt. Life of Mine = 462 Mt. MIOP: Mining is completed.	No change.	KIOP: Stage 2 (first expansion) to Stage 8 (final expansion) – 17 Mtpa. Additional 245 Mt. Life of Mine = 462 Mt. MIOP: Mining is completed.
Potentially Acid Forming (PAF) Material	Approx. 20% (9.4 Mtpa) of the waste rock is classified as PAF and would be contained inside	Stage 1 - Approx. 15% across both Terapod and Blue Hills North.	KIOP: No change. MIOP: Mining is completed.	No change.	KIOP: 20% (9.4 Mtpa) of the waste rock is classified as PAF and would be contained inside isolation cells in the waste dump.

Proposal element	Existing Proposal extent, capacity, or range (KIOP; MS 805)	Existing Proposal extent, capacity, or range (MIOP; MS 806)	Referred Revised Proposal (as amended under s. 38C) – Combined Proposal Maximum Extent	Amendments sought under s. 43A	Amended Revised Proposal (after s. 43A) – Combined Proposal Maximum Extent
	isolation cells in the waste dump.	Stage 2 - Blue Hills North - approx. 67.5%; and Terapod – approx. 13% (PAF would be contained inside isolation cells in the waste dumps for both Stages).			MIOP: Mining is completed.
Dewatering	The groundwater table is predicted to be intersected by the pit in Year 3 which would require pit dewatering of approx. 600 kL/day, increasing to approx. 1,300 kL/day in Year 16, and decreasing to approx. 830 kL/day in Year 23.	Not required for Stage 1. Stage 2: total – 0.72 GLpa (Blue Hills North 0.40 GLpa and Terapod 0.32 GLpa).	KIOP: No change. MIOP: Mining is completed.	KIOP: Increase the peak dewatering rate by 400 kL/day from year 24 and decrease by 200 kL/day from year 29. MIOP: No change.	KIOP: Dewatering flow rate: • Up to 1,300 kL/day from Year 16 • Up to 1,700 kL/day from Year 24 • Up to 650 kL/day from Year 29 to end of mine life. MIOP: Mining is completed.
Water supply	Removed from proposal key characteristics under s45C of the EP Act on 21 June 2012 as managed by the *Rights in Water and*	Stage 1 borefields at Karara, Blue Hills North, Terapod pits and Mungada South Bore (the continued use of the Mungada South Bore is permitted,	Combined KIOP & MIOP: KIOP water supply to continue to be managed by RiWI Act including use of MIOP borefields as required (excluding Mungada South Bore).	No change.	N/A – regulated under RiWI Act.

Proposal element	Existing Proposal extent, capacity, or range (KIOP; MS 805)	Existing Proposal extent, capacity, or range (MIOP; MS 806)	Referred Revised Proposal (as amended under s. 38C) – Combined Proposal Maximum Extent	Amendments sought under s. 43A	Amended Revised Proposal (after s. 43A) – Combined Proposal Maximum Extent
	Irrigation Act 1914 (RiWI Act).	but subject to review following a resolution to the reservation of the Mungada Ridge). Supplementary water to be sourced from the Silverstone pit. Stage 2 as per Stage 1, plus dewater from Blue Hills North pit.			
Power supply	Removed from proposal key characteristics under s45C of the EP Act on 21 June 2012 as not environmentally significant.	Construction – onsite diesel generators. Operation - proposed from the SWIS via a 330/132 kV connecting line from the Koola Metering Station on the Golden Grove high voltage transmission line to the minesite, plus back-up generators.	KIOP: No change. MIOP: Mining is completed.	No change.	N/A – not a key proposal element.

Proposal element	**Existing Proposal extent, capacity, or range (KIOP; MS 805)**	**Existing Proposal extent, capacity, or range (MIOP; MS 806)**	**Referred Revised Proposal (as amended under s. 38C) – Combined Proposal Maximum Extent**	**Amendments sought under s. 43A**	**Amended Revised Proposal (after s. 43A) – Combined Proposal Maximum Extent**
Product transportation	Removed from proposal key characteristics under s45C of the EP Act on 21 June 2012 as not environmentally significant.	Road trains from minesite via upgraded road to the Morawa rail siding, and then the existing rail network to the Port of Geraldton. If KIOP rail spur established, then by rail directly to port.	KIOP: No change. MIOP: Mining is completed.	No change.	N/A – not a key proposal element.
Site access	Upgrading a number of existing roads, part of which would run parallel to the LIC. Borrow material for road base (approx. 200,000 m^3) would be sourced from five pits located within 1.5 km.	Upgrading a number of existing roads, part of which would run alongside the KIOP LIC. Borrow material for road base (approx. 200,000 m^3) would be sourced from five pits located within 1.5 km.	Combined KIOP & MIOP: Proposal element included in both KIOP and MIOP. Element to remain but number of pits to be reduced from five to three.	No change.	Combined KIOP & MIOP: Upgrading a number of existing roads, part of which would run parallel to the LIC. Borrow material for road base (approx. 200,000 m^3) would be sourced from three pits located within 1.5 km.

Proposal element	Existing Proposal extent, capacity, or range (KIOP; MS 805)	Existing Proposal extent, capacity, or range (MIOP; MS 806)	Referred Revised Proposal (as amended under s. 38C) – Combined Proposal Maximum Extent	Amendments sought under s. 43A	Amended Revised Proposal (after s. 43A) – Combined Proposal Maximum Extent
Greenhouse gas emissions					
Construction elements greenhouse gas (GHG) emissions	Not defined.	Not defined.	Combined KIOP & MIOP: Construction elements GHG emissions (2022-2050): • Scope 1: 91,921 t CO_2-e per annum • Scope 2: 442,621 t CO_2-e per annum • Scope 3: Nil. Mine lifetime emissions from land clearing: 233,049 t CO_2-e	Construction elements GHG emissions moved to operation elements emissions as the proposal is continuing operations, so there are no specific construction activities.	Combined KIOP & MIOP: No construction elements GHG emissions as the proposal is continuing operations, so there are no specific construction activities.
Operation elements greenhouse gas (GHG) emissions	Not defined.	Not defined.	Combined KIOP & MIOP: Operation elements GHG emissions (2022-2050): • Scope 1: Nil • Scope 2: Nil • Scope 3: 16,446,991 t CO_2-e per annum.	Revise GHG emissions (2024-2053) to include: • Scope 1: Peak annual 143,653 t CO_2-e per annum • Scope 2: Peak annual 265,000 t CO_2-e per annum • Scope 3 Peak annual by 12,184,227 t CO_2-e per annum.	Combined KIOP & MIOP: Operation elements GHG emissions (2024-2053): • Scope 1: Peak annual 143,653 t CO_2-e per annum • Scope 2: Peak annual 265,000 t CO_2-e per annum • Scope 3: Peak annual 12,184,227 t CO_2-e per annum.

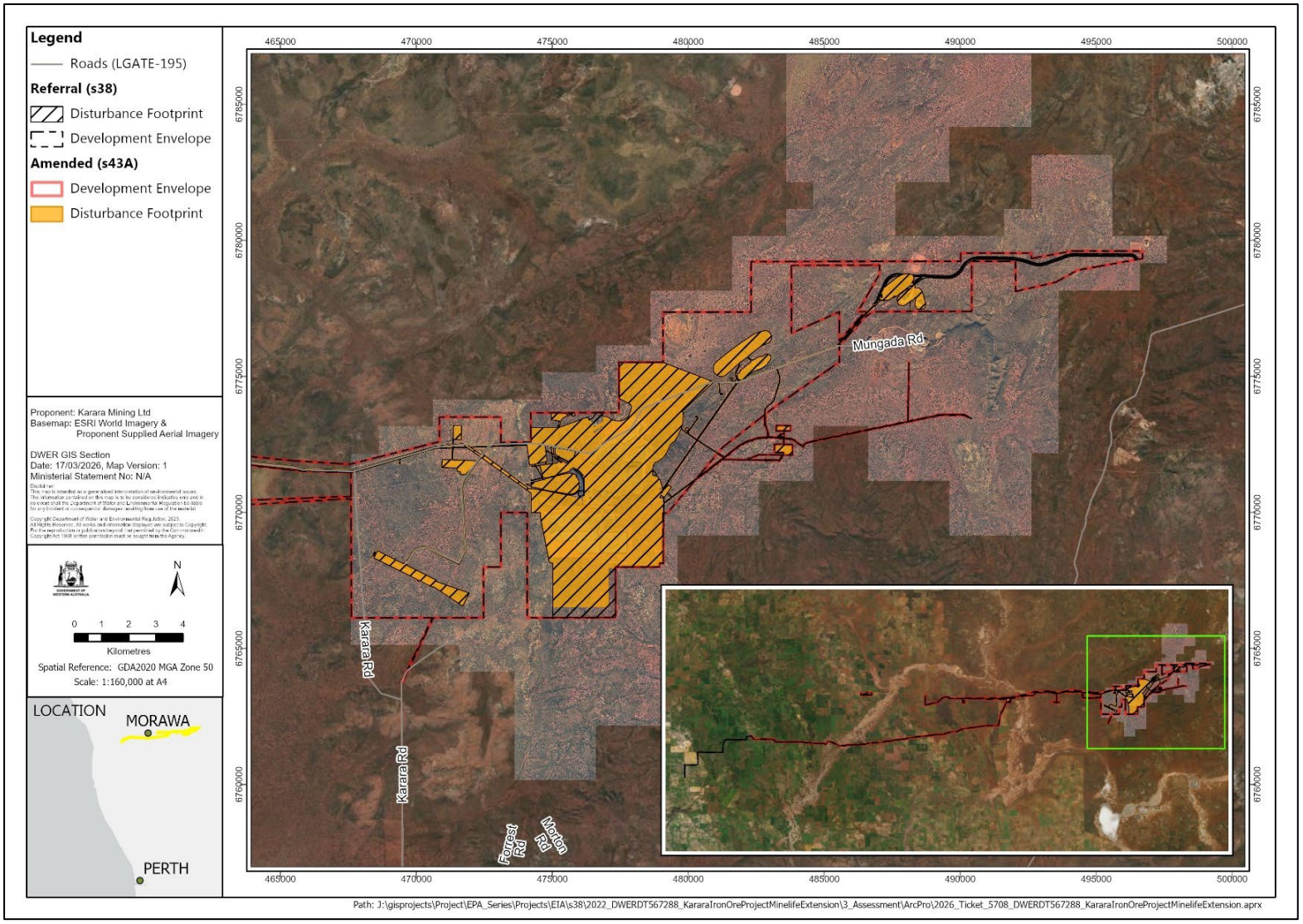


Figure 1 – Proposed Development Envelope and Disturbance Footprint (area of disturbance) as referred versus as amended following s43A changes

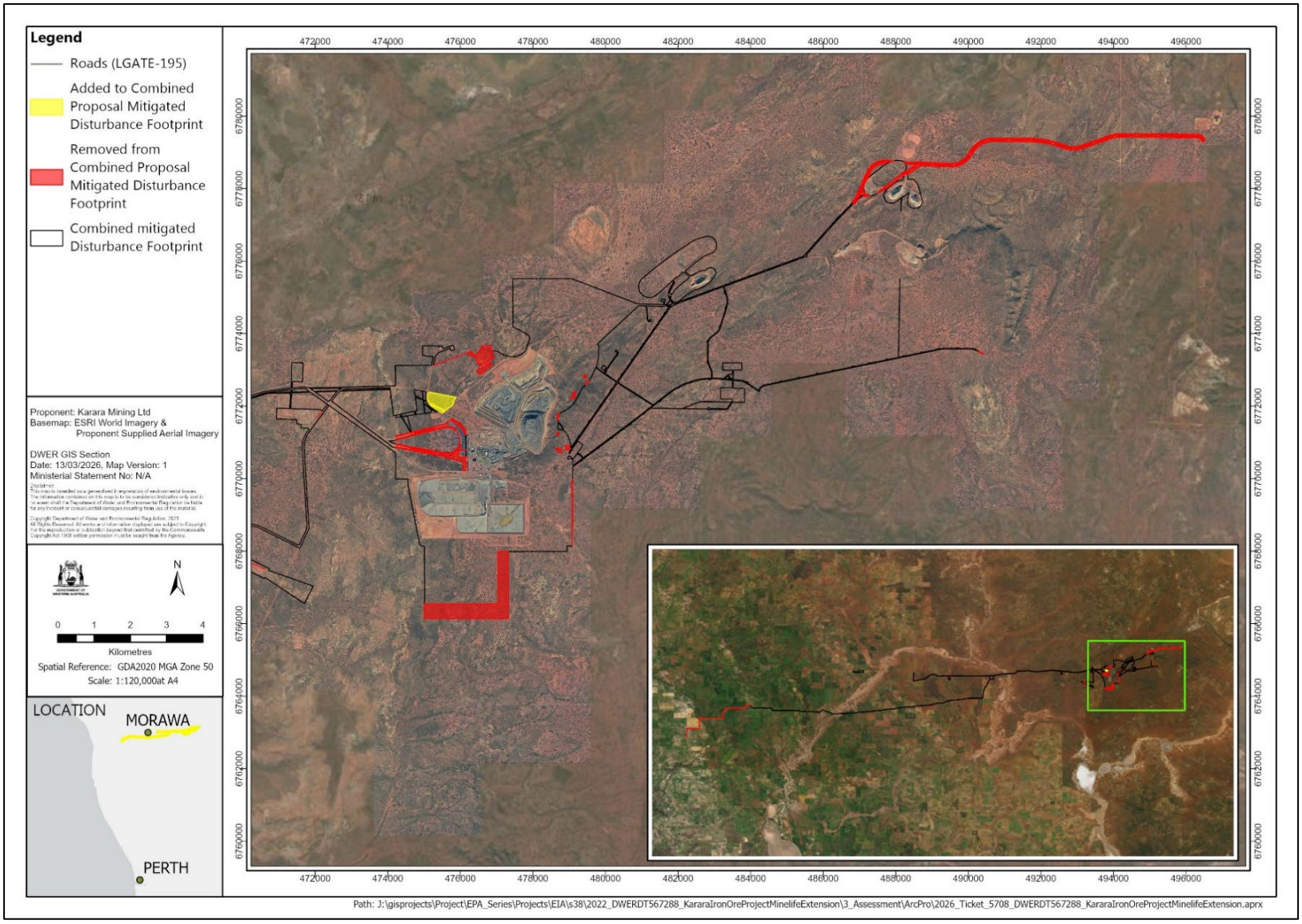


Figure 2 Amendments to Disturbance Footprint (area of disturbance)

Attachment 2 - Amended proposal content document

Karara Iron Ore Project – Mine Life Extension

Proposal Content Document

Table 1: General proposal content description

Proposal title	Karara Iron Ore Project – Mine Life Extension (KIOP MLE)
Proponent name	Karara Mining Limited (KML)
Short description	This Proposal is to revise the existing Karara Iron Ore Mine (KIOP), located 320 km north-northeast of Perth in the Midwest Region of Western Australia to include a Mine Life Extension (MLE). The Proposal includes an expansion to the development envelope, extension of the tailings storage facility and waste rock dump at the existing KIOP (MS 805) and incorporation of areas approved under MIOP (MS 806), which will be utilized for the ongoing operations at Karara.

Table 2: Proposal content elements

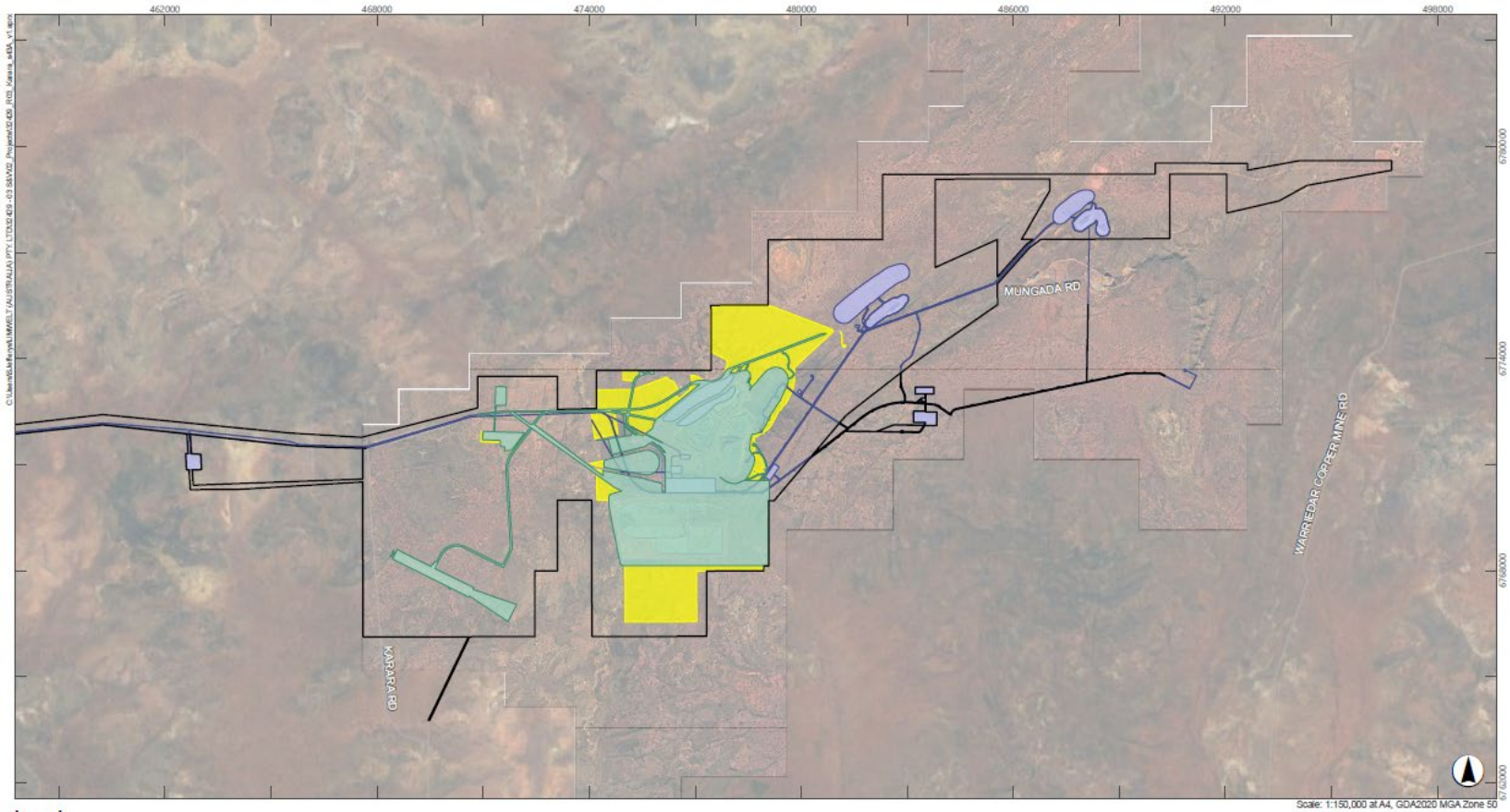
Proposal element	Location	Existing extent for approved proposals (MS 805 and MS 806)	Proposed MLE extent	Combined Proposal maximum extent
Physical elements				
Development envelope	Figures 1 to 3	Not defined	New element	Up to 13,481 ha
Area of disturbance	Figures 1 to 3	MS 805: 3,027 ha MS 806: 1,059.35 ha	1,186.3 ha new disturbance, of which 1,184.8 ha is native vegetation Removal of 568 ha of disturbance from MS 805 and MS 806.	Up to 4,698 ha
Pit dimensions	Figure 2	• Karara: Approx. 3,400 m long, 1,300 m wide, 300 m deep • Blue Hills North: 1,390 m long, 360 m wide, 133 m deep	No change	Total combined pits 366 ha • Karara: max 3,400 m long, max 1,300 m wide, average 300 m deep below natural ground level

		• Terapod: 1,440m long, 360 m wide, 140 m deep		• Blue Hills North: 1,390 m long, 360 m wide, 133 m deep • Terapod: 1,440 m long, 360 m wide, 140 m deep
Waste rock dump (WRD)	Figure 2	MS 805: 365 ha MS 806: 193 ha (includes ROM and WRD)	Additional 179 ha for KIOP	KIOP WRD: • 544 ha • Max height 450 mAHD (106 m above ground level). MIOP WRDs and ROM pads: • Blue Hills North: 135 ha • Terapod: 58 ha
Tailings storage facility (TSF)	Figure 2	Area not defined	Additional 261 ha for KIOP	KIOP TSF: • 860 ha • Max height 402 mAHD
Site infrastructure	Figures 2 and 3	• Processing plant • ROM pad • Bulk fuel storage and refuelling pads • Explosive compound and magazine • Wastewater treatment facility • Reverse osmosis plant • Landfill • Air strip • Borefields • Powerline	New infrastructure areas surrounding the WRD and TSF expansion areas at KIOP. New infrastructure area for the abandonment bund adjacent to the pit at KIOP. Incorporate infrastructure approved under MIOP to support ongoing operations at KIOP.	Combined infrastructure approximately 2,736 ha

		• Rail siding • Site access		
Operational elements				
Pit stages and concentrate production rate	NA	MS 805: Stages 2-5, up to approx. 37.6 Mtpa (Stages 4 & 5) MS 806: Stages 1-2, approx. 3 Mtpa	Include additional stages 6-8 with a reduction in concentrate production rate by up to approx. 29.4 Mtpa.	Stage 2 to Stage 8: approx. 8.2 Mtpa of concentrate
Waste rock volumes	NA	MS 805: approx. 37.6 Mtpa MS 806: Not defined	Increase total waste rock volume by approx. 245 Mt.	Stage 2 to Stage 8: approx. 17 Mtpa. Over the Life of mine: approx. 462 Mt.
Dewatering	NA	MS 805: peak 1,300 kL/day [475 MLpa] MS 806: 0.72 GLpa [720 MLpa]	Increase of peak dewatering rate by 400 kL/day [145 MLpa]. This higher dewatering rate is expected to be required for about 5 years.	Dewatering flow rate up to approx. 0.6 GLpa to end of mine life
Proposal elements with greenhouse gas emissions				
Construction: The amendment is continuing operations, so there are no specific construction activities.				
Operation:				
Scope 1	Fuel combustion, rail haulage, land clearing	Not defined	Total 1,722,936 tonnes CO_2-e (2024–2053) Peak annual 143,653 tpa CO_2-e	Total 1,722,936 tonnes CO_2-e (2024–2053) Peak annual 143,653 tpa CO_2-e
Scope 2	Electricity	Not defined	Total 3,284,721 tonnes CO_2-e (2024–2053) Peak annual 265,000 tpa CO_2-e	Total 3,284,721 tonnes CO_2-e (2024–2053) Peak annual 265,000 tpa CO_2-e
Scope 3	Purchased goods and services, downstream transport,	Not defined	Total 353,766,597 tonnes CO_2-e (2024–2053) Peak annual 12,184,227 tpa CO_2-e	Total 353,766,597 tonnes CO_2-e (2024–2053)

	processing of products			Peak annual 12,184,227 tpa CO_2-e
Rehabilitation				
Rehabilitation will be undertaken in accordance with KML environmental procedures: Land Rehabilitation (CORP-EN-PRO-1002), Rehabilitation Performance Monitoring (CORP-EN-PRO-1040), Rehabilitation Schedule (CORP-EN-SCH-1006) and Mine Closure Plan (CORP-EN-PLN-1038).				
Commissioning				
Commissioning of the mine infrastructure are subject to the operational limits above. Construction and commissioning were completed as part of the Karara Iron Ore Project. The Mine Life Extension is for ongoing operations.				
Decommissioning				
Decommissioning of mine infrastructure will be managed through KML's Mine Closure Plan (CORP-EN-PLN-1038).				
Other elements which affect extent of effects on the environment				
Proposal time*	Maximum project life	MS 805: 25 years (commenced in 2010) MS 806: 10 years	Additional 21 years	About 46 years (completion of closure implementation by 2055)
	Construction phase	Not specified	No change	0 years
	Operations phase	Not specified	Additional 21 years	44 years (2010 to 2053)
	Decommissioning phase	Not specified	No change	3 years (2053 to 2055)

** 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).*



Legend

- Combined Proposal Mitigated Disturbance Envelope
- Approved under KIOP (MS 805)
- Approved under MIOP (MS 806)
- Mine Life Extension (KIOP MLE) Mitigated Disturbance Footprint

FIGURE 1

Combined Proposal Development Envelope with MS 805, MS 805 and New Disturbance Footprint – Mine Area

0 3 6 km

Image Source: KML (2024), ESRI Basemap (2025) | **Data Source:** Landgate (2025), KML (2025)

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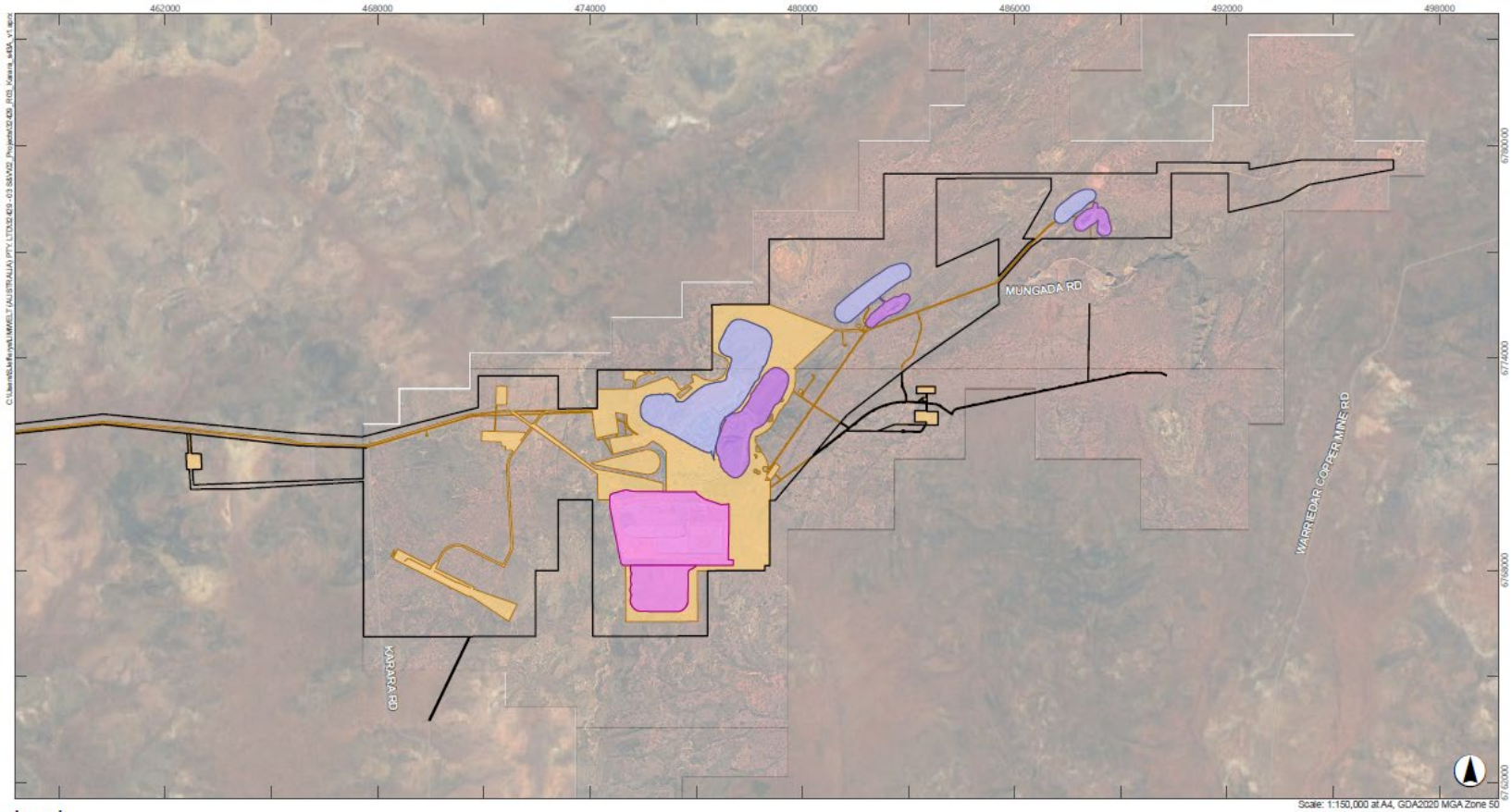

Legend

- Combined Proposal Mitigated Development Envelope

Combined Proposal Mitigated Disturbance Footprint

- Infrastructure
- Pit
- TSF
- WRD

FIGURE 2

Combined Proposal Development Envelope and Disturbance Footprint – Mine Area

0 3 6 km

Image Source: KML (2024), ESRI Basemap (2025) | **Data Source:** Landgate (2025), KML (2025)

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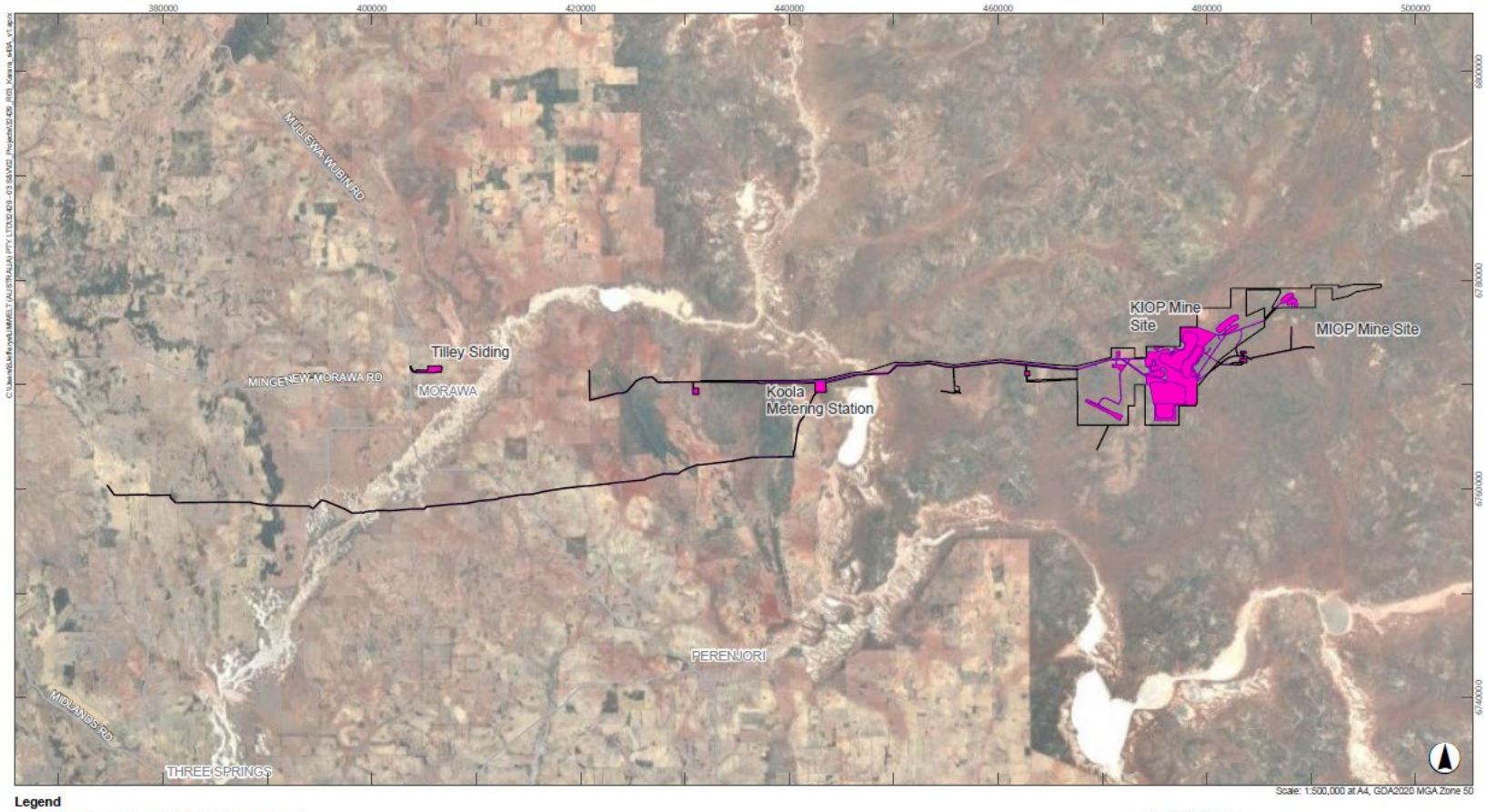

Legend

- Combined Proposal Mitigated Development Envelope
- Combined Proposal Mitigated Disturbance Footprint
- Main Road

FIGURE 3

Combined Proposal Development Envelope and Disturbance Footprint - Mine Area and Regional Infrastructure

0 10 20 km

Image Source: ESRI Basemap (2024) | **Data Source:** Landgate (2022, 2025), DBCA (2025), Umwelt (2025)

umwelt