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Published on: 26 August 2025

Statement No. 1251

STATEMENT THAT A PROPOSAL MAY BE IMPLEMENTED
(*Environmental Protection Act 1986*)

WEST ANGELAS REVISED PROPOSAL

Proposal: The proposal includes the existing iron ore operations of the West Angelas Iron Ore Project and the proposed expansion (significant amendment) which includes the extension and development of new above and below water table deposits and associated activities.

Proponent: Robe River Mining Co. Pty. Ltd.
Australian Company Number 008 694 246

Proponent address: 152-158 St Georges Terrace
PERTH WA 6000

Assessment number: 2290

Report of the Environmental Protection Authority: 1784

Introduction: The proposal is a significant amendment to support the development of new above and below water table mining areas in order to sustain mining at the existing West Angelas Iron Ore Project (approved proposal), which was agreed to be implemented under Ministerial Statement 1113. The EPA's Report for the existing approved proposal is Report 1636, EPA Assessment number 2132.

Pursuant to section 45 of the *Environmental Protection Act 1986*, it is now agreed that:

1. the proposal (described in condition A1-1), may be implemented;
2. Ministerial Statement 1113 is superseded under section 40AA (6) (b) of the *Environmental Protection Act 1986*; and
3. the implementation of the proposal (being the approved proposal as amended by the significant amendment as shown in Figure 1), is subject to the following implementation conditions and procedures.

Conditions and procedures

Part A: Proposal extent

Part B: Environmental outcomes, prescriptions and objectives

Part C: Environmental management plans and monitoring

Part D: Compliance and other conditions

PART A: PROPOSAL EXTENT

A1 Limitations and Extent of Proposal

A1-1 The proponent must ensure that the **proposal** is implemented in such a manner that the following limitations or maximum extents / capacities / ranges are not exceeded:

Proposal element	Location	Maximum extent
Physical elements		
Development envelope	Figure 1	No more than 36,779 ha.
Conceptual footprint	Within the development envelope shown in Figure 1	Clearing of no more than 17,555 ha within a 36,779 ha development envelope .
Direct disturbance of native vegetation	Within the development envelope shown in Figure 1	<p>Clearing of no more than 17,510 ha of 'Good' to 'Excellent' condition native vegetation.</p> <p>Direct disturbance of no more than 22 ha of the West Angelas Cracking-Clays Priority Ecological Community.</p> <p>Direct disturbance to riparian vegetation limited to 60 ha.</p> <p>Direct disturbance to gorge/gully habitat limited to 126 ha for the significant amendment.</p> <p>Direct disturbance to hillcrest/hillslope habitat limited to 3,731 ha for the significant amendment.</p> <p>No clearing of Hilltop/hillslope habitat, or gorge/gully habitat for the Managed Aquifer Recharge scheme infrastructure.</p> <p>Clearing of no more than 0.6 ha of major drainage habitat for the Managed Aquifer Recharge scheme infrastructure.</p>

Mine pits and associated infrastructure	Figure 1 Figure 2 Figure 9 Figure 14	<p>No direct disturbance permitted within the Mining Exclusion Zones (except for low impact activities).</p> <p>No direct disturbance to surface water features (WMAR-01, WMAR-03, Deposit H Waterhole (WB-WAH1), Mt Ella East Pools (WB-WAJ1 and WB-WAJ2)) within the development envelope.</p> <p>No direct disturbance to caves (CMAR-01, CMAR-02, CMAR-03 and CMAR-04) within the development envelope.</p>
Linear infrastructure	Figure 3	<p>A 413 km rail network transports processed ore from West Angelas to port facilities located at Cape Lambert. Clearing no more than 1,500 ha within a 19,400 ha Linear Infrastructure development envelope, including:</p> <ul style="list-style-type: none"> • Five existing sidings; Spoonbill, Bellbird, Rosella, Brockman Refuge and Emu and potential additional sidings to support the rail network. • Turee Creek B Borefield, pipeline, powerline, access roads and other associated infrastructure.
Operational elements		
Mine dewatering and water supply	N/A	<ul style="list-style-type: none"> • Abstraction of up to 14 GL/a of groundwater for dewatering and water supply purposes for the proposal, where: <ul style="list-style-type: none"> ○ up to 0.37 GL/a (up to a total of 1.92 GL) for water supply only at Western Hill ○ up to 0.24 GL/a (up to a total of 1.7 GL) for dewatering using sump pumping only ○ up to 0.16 GL/a (up to a total of 0.8 GL) dewatering at Deposit F North. • Abstraction of up to 3.1025 GL/a of groundwater for water supply purposes from the Turee Creek B Borefield.

Management of surplus water	N/A	<p>Surplus water management:</p> <ul style="list-style-type: none"> • use on site • discharge to disused mine pits for temporary storage • infiltration to Deposit H orebody aquifer • use in the Managed Aquifer Recharge Scheme • provision to other users • discharged to a local ephemeral tributary of Turee Creek East. The surface discharge will not extend to within 2 km of the boundary of Karijini National Park under natural no-flow conditions.
Mine Pits	Figure 1	<p>Western Hill and Mt Ella East – above water table mining only.</p> <p>Below water table pits are to be backfilled to prevent the formation of permanent pit lakes.</p>
Timing elements		
Proposal time	N/A	Operational phase up to 25 years (construction and closure not inclusive).

PART B – ENVIRONMENTAL OUTCOMES, PRESCRIPTIONS AND OBJECTIVES

B1 Flora and vegetation

B1-1 The proponent must ensure the implementation of the **proposal** achieves the following environmental **outcomes**:

- (1) **disturb** no more than 17,510 ha of 'Good' to 'Excellent' condition native vegetation;
- (2) **disturb** no more than 22 ha of the **West Angelas Cracking-Clays Priority Ecological Community** outside of the **PEC Mining Exclusion Zone** shown in Figure 7A;
- (3) **disturb** no more than 60 ha of riparian vegetation;
- (4) no **disturbance**, including mining activities, pits, excavations waste dumps and permanent structures, within the **Mining Exclusion Zones** shown in Figure 5, Figure 6 and Figure 7A, except for **low impact activities** which may be undertaken within no more than 5% of **Mining Exclusion Zones** shown in Figure 5, Figure 6, and Figure 7A;
- (5) no **disturbance**, direct or indirect, to *Tetratheca fordiana* (P2) individuals recorded in the **Mining Exclusion Zone** as shown in Figure 5 and *Eremophila* sp. West Angelas (S. van Leeuwen 4068) (P3) individuals recorded in the **Mining Exclusion Zone** as shown in Figure 6;
- (6) no **disturbance**, direct or indirect, to any **occurrence** of the **West Angelas Cracking-Clays Priority Ecological Community** from implementation of the **proposal** within the **PEC Mining Exclusion Zone** shown in Figure 7A;
- (7) ensure no decline in vegetation condition for areas mapped in 'Very Good' or 'Excellent' condition within the **West Angelas Cracking-Clays Priority Ecological Community Mining Exclusion Zone** attributable to the **significant amendment** as shown in Figure 7B;
- (8) ensure the introduction or spread of **environmental weeds** is no greater than the **baseline** through the implementation of appropriate weed management measures within the **development envelope**, including **Mining Exclusion Zones** shown in Figure 5, Figure 6 and Figure 7A and the West Angelas rail corridor for the **approved proposal** as shown in Figure 3;
- (9) **disturb** no more the 5% of *Oxalis* sp. Pilbara (M.E Trudgen 12725) (P3) within the **local area** attributable to the **significant amendment**;

- (10) **disturb** no more than 10% of *Olearia mucronata* (P3) within the **local area** attributable to the **significant amendment**;
- (11) **disturb** no more than 20% of the following individuals within the **local area** attributable to the **significant amendment**:
 - (a) *Solanum kentrocaule* (P3);
 - (b) *Acacia bromilowiana* (P4);
 - (c) *Sida* sp. Barlee Range (S.van Leeuwen 1642) (P4);
- (12) **disturb** no more than 30% of the following individuals within the **local area** attributable to the **significant amendment**:
 - (a) *Hibiscus* sp. Gurinbiddy Range (M.E. Trudgen MET15708) (P2);
 - (b) *Grevillea saxicola* (P3);
 - (c) *Isotropis parviflora* (P3); and
 - (d) *Eremophila* sp. West Angelas (S. van Leeuwen 4068) (P3) outside the **Mining Exclusion Zone** as shown in Figure 6.

B1-2 Prior to clearing within any pre-clearance **priority flora** survey areas shown in Figure 17 for the **significant amendment**, the proponent must undertake targeted pre-clearance flora survey(s) of that area, in accordance with **Technical guidance – Flora and vegetation surveys for environmental impact assessment** (EPA 2016) (or any approved updates of these guidelines). **Pre-clearance surveys** shall target the following species:

- (1) *Tetradlea fordiana* (P2);
- (2) *Eremophila* sp. West Angelas (S. van Leeuwen 4068)(P3);
- (3) *Hibiscus* sp. Gurinbiddy Range (M.E. Trudgen MET15708) (P2);
- (4) *Isotropis parviflora* (P3);
- (5) *Oxalis* sp. Pilbara (M.E. Trudgen 12725) (P3);
- (6) *Solanum kentrocaule* (P3);
- (7) *Grevillea saxicola* (P3);
- (8) *Olearia mucronata* (P3);
- (9) *Acacia bromilowiana* (P4); and

- (10) *Sida* sp. Barlee Range (S.van Leeuwen 1642) (P4).
- B1-3 The proponent shall implement appropriate management measures to achieve the following environmental **objectives** for the **significant amendment**:
- (1) minimise **disturbances** to flora and vegetation including but not limited to impacts from, altered hydrological regimes, bushfire, dust, fragmentation and **environmental weeds**; and
 - (2) minimise **disturbances** on remaining extents of significant vegetation and **priority flora**.
- B1-4 The proponent must, in consultation with **DBCA**, review and update the **EMP** that satisfies the requirements of condition C4 and demonstrates how achievement of the environmental **outcomes** in conditions B1-1(6) and B1-1(7) will be monitored and substantiated, and submit it to the **CEO**.

B2 Terrestrial fauna

- B2-1 The proponent must ensure the implementation of the **proposal** achieves the following environmental **outcomes**:
- (1) **disturb** no more than the following for the **significant amendment**:
 - (a) 126 **ha** of the fauna habitat identified as **gorge/gully habitat** as shown in Figure 11;
 - (b) 3,731 **ha** of the fauna habitat identified as **hillcrest/hillslope habitat** as shown in Figure 11; and
 - (c) four (4) Pilbara leaf-nosed bat caves (category 4) as shown in Figure 10.
 - (2) **disturb** no more than five (5) ghost bat caves (category 4) as shown in Figure 10;
 - (3) no impacts to the structural integrity or microclimate of caves listed in **Mining Exclusion Zone 1A and 1B** as shown in Figure 8A and Figure 8B that would reduce the capacity to support ghost bats (*Macroderma gigas*);
 - (4) no **ground disturbing activities** in **Mining Exclusion Zone 1A, 1B and 2**, as shown in Figure 8A, Figure 8B and Figure 9 except for **low impact activities** which may be undertaken within no more than 5% of the total area of **Mining Exclusion Zone 1A, 1B and 2**;

- (5) no **disturbance** to ghost bat (*Macroderma gigas*) and Pilbara leaf-nosed bat (*Rhinonictoris aurantia*) roosts within the **Mining Exclusion Zone 1A, 1B and 2**;
- (6) no **disturbance** to ghost bat (*Macroderma gigas*) and Pilbara leaf-nosed bat (*Rhinonictoris aurantia*) within the **Mining Exclusion Zone 1A** and **MEZ 2** from noise and vibration attributable to the **significant amendment**;
- (7) must ensure no indirect impacts that would **disturb** the local population of Pilbara olive python (*Liasis olivaceus barroni*);
- (8) no **disturbance** within **Short-range Endemic Mining Exclusion Zones 3, 4 and 5** as shown in Figure 13A, Figure 13B and Figure 13C; and
- (9) minimise impacts from **feral fauna** species within the **development envelope** and the **Mining Exclusion Zone 1A, 1B and 2** and **Fauna Corridor Protection Zones**.

B2-2 The proponent must:

- (1) ensure night parrot (*Pezoporus occidentalis*) habitat assessment and mapping of suitable roosting (breeding) and foraging habitat are undertaken within the Night Parrot Survey Area shown in Figure 15 by a qualified zoologist with demonstrated experience in fauna surveys within the bioregion;
- (2) not **disturb** areas mapped as suitable roosting habitat required by condition B2-2(1) in the Night Parrot Survey Area shown in Figure 15 until targeted **pre-clearance surveys** for night parrot (*Pezoporus occidentalis*), which include a **program of longer deployment**, have been undertaken and demonstrates that roosts of this species do not occur;
- (3) not undertake **ground disturbing activities** within confirmed suitable roosting (breeding) habitat, where night parrot is recorded through targeted **pre-clearance surveys** required by condition B2-2(2);
- (4) not **disturb** the Northern Quoll Targeted Survey Area shown in Figure 16, for activities associated with the **significant amendment**, until targeted **pre-clearance surveys** for northern quoll (*Dasyurus hallucatus*) have been undertaken within **critical habitat** to demonstrate that no **high density populations** inhabit these areas; and
- (5) not undertake **ground disturbing activities** associated with the **significant amendment** in the Northern Quoll Targeted Survey Area shown in Figure 16, within **critical habitat** if **high density populations**

are recorded through targeted **pre-clearance surveys** required by condition B2-2(4).

- B2-3 The proponent must establish **Fauna Corridor Protection Zones** shown in Figure 12, or other strategic locations, to maintain ecological connectivity for significant fauna species within the **development envelope** and to maintain **supporting and critical habitat** for night parrot between confirmed suitable roosting habitat under condition B2-2(3).
- B2-4 The proponent must implement the **proposal** to achieve the following environmental **objectives**:
- (1) maintain **viability** of the ghost bat populations within the **development envelope** during operations and post-mining operations; and
 - (2) minimise **disturbance** to other ghost bat roosts (caves A1, A2, L1, L2, L3, WA-9, WA-10, WA-11, WA-12, WA-17, WA-20 and WA-22) shown in Figure 9.
- B2-5 The proponent must prepare and submit a Noise and Vibration Management Approach Report using findings from condition B2-9, and/or other information acceptable to the **CEO**, detailing the approach for managing noise and vibration from the **significant amendment** during the **maternity** and **non-maternity season** for the caves listed in **Mining Exclusion Zone 1A** and **1B**.
- B2-6 The proponent must prepare and submit a Ghost Bat Monitoring Performance Report which shall:
- (1) provide the results, analysis and methodology of long-term ghost bat monitoring in the **development envelope**, including reference data from caves within the **vicinity** of the **development envelope**;
 - (2) provide **historical results** and **outcomes** of ghost bat research and trials that were undertaken, targeting key issues facing the retention of ghost bat caves and usage by ghost bats around mining areas;
 - (3) provide a discussion of the results of past performance, research and trials, **outcomes** and improvement strategies; and
 - (4) demonstrate how results of long-term ghost bat monitoring have been used to inform mitigation measures, including buffers, to ensure they are adaptive, evidence-based, effective, and achievable.
- B2-7 The proponent must prepare and submit a Ghost Bat Management Plan, that satisfies the requirements of condition C4 and C5, to ensure the environmental **outcomes** and **objectives** required by conditions B2-1(1)(c), B2-1(2), B2-1(3), B2-1(4), B2-1(5), B2-1(6) and B2-4 are achieved. The plan shall also include:

- (1) at least twelve (12) months of monitoring to determine the **baseline** population size of the ghost bat colony, including natural variation in population numbers and **baseline** distribution of bat movement and dispersal activity within the **development envelope**;
 - (2) protocols and procedures to monitor usage and activity levels of ghost bat movement within the **critical caves** in **Mining Exclusion Zone 1A** and **1B** during construction, operation, closure and for at least twenty-four (24) months post-closure;
 - (3) protocols and procedures to monitor ghost bat usage as the **proposal's** activities move to within 350 m of **critical caves – group A** in **Mining Exclusion Zone 1A** and 150 m of **critical caves – group B** in **Mining Exclusion Zone 1B** during the development of the mining pits for the **significant amendment**; and
 - (4) protocols and procedures to monitor feral cat activity for **critical caves** in **Mining Exclusion Zone 1A** and **1B** during construction, operation, closure and twenty-four (24) months post-closure.
- B2-8 The proponent shall report to the **CEO** on the **outcomes** of the implementation of the Ghost Bat Management Plan annually, or as agreed to by the **CEO**, as part of the Compliance Assessment Report required by condition D2. The report shall include:
- (1) the activity levels of ghost bat using **critical caves** in **Mining Exclusion Zone 1A** and **1B** within the **development envelope**;
 - (2) the activity levels of any **nearby critical caves** being used by ghost bats outside the **development envelope** within the proponent's approved tenure or where access can be attained;
 - (3) an assessment of the stability of the **critical caves** in **Mining Exclusion Zone 1A** and **1B**;
 - (4) an assessment of the changes in population size against the **baseline** of the West Angelas ghost bat colony;
 - (5) evidence that the population size of the West Angelas ghost bat colony has been maintained within natural variation; and
 - (6) **outcomes** of the monitoring undertaken in accordance with the Ghost Bat Monitoring Plan to assess usage of the ghost bat as the **proposal's** activities move within 350 m of **critical caves – group A** and 150 m of **critical caves – group B**.

B2-9 The proponent must undertake the following investigations and provide an appropriate buffer, for approval by the **CEO**, that ensures the **outcomes** of B2-1(1)(c), B2-1(2), B2-1(3), B2-1(5) and B2-1(6) are achieved:

- (1) geotechnical assessment and blast vibration modelling to inform suitably sized buffers to ensure the **outcomes** of B2-1(6) can be achieved;
- (2) upon completion of blast vibration modelling required by condition B2- 9(1) undertake **adequate** trial blasting events from **critical caves – group A** and **critical caves – group B**, at the intervals and in the following order below, subject to condition B2-9(3):
 - (a) 350 m from **critical caves – group A**;
 - (b) 200 m from **critical caves – group A**;
 - (c) 150 m from **critical caves – group A** and **B**; and
 - (d) 100 m from **critical caves – group B**.
- (3) each trial blasting event required by condition B2-9(2) shall only proceed to the next interval provided that the monitoring of the completed trial blast event and the blast vibration modelling required by condition B2-9(1) demonstrate that **outcomes** of conditions B2-1(6) can be achieved at the next interval;
- (4) the proponent shall submit the modelling and results from the trial blast events undertaken for conditions B2-9(1), B2-9(2) and B2-9(3) to support appropriate buffer distances for the **critical caves** and their associated geology to the **CEO** for approval, on advice from **DBCA**, prior to operational blasting within 350 m of **critical caves – group A** in **Mining Exclusion Zone 1A** and 150 m of **critical caves – group B** in **Mining Exclusion Zone 1B** for the **significant amendment**; and
- (5) where approval is given by the **CEO**, as required by condition B2-9(4), the proponent may apply the same approved buffers for other caves within the **development envelope** that are found with **similar geologies**.

Lighting

B2-10 The proponent shall ensure that all artificial lighting required for the **significant amendment** uses **directional and/or shielded lighting** and uses the minimum number and intensity of lights required, to avoid **disturbances** to nocturnal fauna.

Clearing for ground disturbing activities

B2-11 Prior to **ground disturbing activities** for the **significant amendment** the proponent shall undertake the following actions:

- (1) within seven (7) days prior to **clearing activities**, using a **fauna spotter**, undertake **pre-clearance inspection(s)** of **critical habitat** to detect presence of northern quoll (*Dasyurus hallucatus*), ghost bat (*Macroderma gigas*), Pilbara olive python (*Liasis olivaceus barroni*), Pilbara leaf-nosed bat (*Rhinonictis aurantia*), night parrot (*Pezoporus occidentalis*) within areas shown in Figure 15 and grey falcon (*Falco hypoleucos*) occupied nests in **drainage line habitat**, within clearing areas; and
- (2) where northern quoll (*Dasyurus hallucatus*), ghost bat (*Macroderma gigas*), Pilbara olive python (*Liasis olivaceus barroni*), Pilbara leaf-nosed bat (*Rhinonictis aurantia*), night parrot (*Pezoporus occidentalis*), and grey falcon (*Falco hypoleucos*) occupied nests are detected, **ground disturbing activities** shall not commence until either:
 - (a) the individual has been relocated by a **fauna spotter** to a **critical habitat**; or
 - (b) grey falcons (*Falco hypoleucos*) are no longer using the nest during the **maternity season**; or
 - (c) the individual has been observed by the **fauna spotter** to have moved on from the area to adjoining **critical habitat**; and
 - (d) the **fauna spotter** considers that the individual no longer occurs in the area to be cleared/disturbed.

B2-12 The proponent must submit as part of the Compliance Assessment Report required by condition D2, a report on fauna management undertaken in line with condition B2-11. The report shall include the following:

- (1) details of fauna inspections;
- (2) dates and details of **clearing activities** for each area inspected;
- (3) the number and type of fauna removed and relocated and actions taken;
- (4) details of the **fauna spotter** commissioned;
- (5) results of the **pre-clearance inspections**; and
- (6) vertebrate fauna mortalities.

B2-13 In the event of change in the **conceptual footprint** and where surveys have not been completed, the proponent must undertake surveys for **threatened fauna** within the new unsurveyed **conceptual footprint** and submit findings and mitigation measures to the **CEO**, on advice from **DBCA**, for approval prior to the **ground disturbing activities**.

Operational (blasting) activities

B2-14 The proponent shall undertake blasting activities in accordance with the requirement of conditions B2-1(1)(c), B2-1(2), B2-1(3), B2-1(4), B2-1(5) and B2-1(6).

B2-15 Blasting activities shall only take place during **day-time** hours.

Haul road/ infrastructure fencing

B2-16 Barbed wire fencing, where it is demonstrated to be required for the **significant amendment**, must be installed with the top strand as a single strand wire and with suitable **bat deflectors**.

Speed limits

B2-17 During operational activities, vehicle and machinery speed limits within the **development envelope** shall not exceed:

- (1) 80 **km/hr** on haul roads during **day-time** hours within a one (1) **km** buffer of the **Mining Exclusion Zone 1A and 2**; and
- (2) 60 **km/hr** on haul roads and access roads during **night-time** hours within a one (1) **km** buffer of the **Mining Exclusion Zone 1A and 2**.

B3 Subterranean Fauna

B3-1 The proponent must implement the **proposal** to achieve the following environmental **outcomes** for the **significant amendment**:

- (1) no impact to **stygo fauna habitat** and known species beyond that which has been **predicted** by ensuring to **disturb** no more than:
 - (a) 10% of **stygo fauna habitat** at Western Hill; and
 - (b) 30% of **stygo fauna habitat** at Deposit H.
- (2) no impact to **troglo fauna habitat** and known species beyond that which has been **predicted** by ensuring to **disturb** no more than:
 - (a) 25% of **troglo fauna habitat** at Western Hill;
 - (b) 20% of **troglo fauna habitat** at Deposit H;
 - (c) 25% of **troglo fauna habitat** at Deposit F North; and

- (d) 10% of **troglofauna habitat** at Mt Ella East.

B4 Inland waters

B4-1 The proponent must implement the **proposal** to achieve the following environmental **outcomes**:

- (1) ensure no **disturbance** to groundwater, Guburingu and Feature 22 within Karijini National Park;
- (2) ensure that there is no drawdown of groundwater associated with the **proposal** at the boundary of, or within Karijini National Park;
- (3) ensure no changes to groundwater quality at Western Hill from **baseline** levels;
- (4) ensure groundwater mounding does not occur within areas of shallow water table (<25 **mbgl**) as a result of temporary in pit storage of water;
- (5) ensure water discharged to Turee Creek East meets specified water quality requirements developed in accordance with the **ANZG framework** or its revision; and
- (6) ensure that the discharge of surplus water does not cause **irreversible impacts** to the health of **riparian vegetation** of Turee Creek East.

B4-2 The proponent must implement the **proposal** to achieve the following environmental **outcomes** attributable to the **significant amendment**:

- (1) ensure no **irreversible impacts** to Mt Ella East Pools (WB-WAJ1 and WB-WAJ2), Turtle Pool and Feature 14 including associated **groundwater dependent vegetation** as shown in Figure 14;
- (2) ensure no **irreversible impacts** to water levels and water quality from the **baseline** levels at Deposit H Waterhole as shown in Figure 14;
- (3) ensure no changes to groundwater quality at Deposit H and Deposit F North from **baseline** levels; and
- (4) ensure that water used for re-infiltration into the Deposit H aquifer is not **contaminated**.

B4-3 The proponent shall implement sump pumping at Deposit H no less than 2 **km** from Turtle Pool to meet the **outcome** of condition B4-2(1), B4-2(2) and B4-2(4).

B4-4 The proponent must prepare and submit a Groundwater and Surface Water Performance Report for the **approved proposal**. The Performance Report shall:

- (1) provide current **management actions, triggers, thresholds** and exceedances;
 - (2) provide results and discussion on:
 - (a) groundwater and surface water monitoring for the **approved proposal** and **baseline** water levels and water quality;
 - (b) the drawdown of groundwater associated with the **approved proposal** at the boundary of, or within, Karijini National Park, including historical water levels;
 - (c) the Managed Aquifer Recharge Scheme and its ability to mitigate groundwater drawdown from the **proposal** at the boundary of Karijini National Park.
 - (3) provide a discussion of the past performance, monitoring, research and trials, **outcomes**, improvement strategies and corrective actions.
- B4-5 The proponent must review and revise the Groundwater **EMP** that satisfies the requirements of condition C4 and demonstrates how achievement of the environmental **outcomes** in condition B4-1(1), B4-1(2), B4-1(3) and B4-1(4) will be monitored and substantiated, and submit it to the **CEO**.
- B4-6 The proponent must review and revise the **EMP** that satisfies the requirements of condition C4 and demonstrates how achievement of the environmental **outcomes** in conditions B4-1(4), B4-1(5), B4-1(6), B4-2(1), B4-2(2), B4-2(3) and B4-2(4) will be monitored and substantiated, and submit it to the **CEO** for approval.

B5 Aboriginal Cultural Heritage

- B5-1 The proponent must ensure the implementation of the **proposal** achieves the following environmental **outcomes** for the **significant amendment**:
- (1) no **disturbance** to **Aboriginal cultural heritage** in the **conceptual footprint** unless consent is granted to **disturb** that site under the *Aboriginal Heritage Act 1972* and has involved **reasonable steps to consult** with the **relevant Traditional Owners**; and
 - (2) subject to reasonable health and safety requirements, no interruption of ongoing access to land utilised for traditional use or custom by the **relevant Traditional Owners**.
- B5-2 The proponent must implement the **proposal** to meet the following environmental **objective**:

- (1) avoid, where practicable, and otherwise minimise **adverse impacts** to **Aboriginal cultural heritage** within and surrounding the **development envelope**.
- B5-3 The proponent must take **reasonable steps to consult** with the **relevant Traditional Owners** about the achievement of the **outcomes** in condition B4-1(1), B4-2(1), B4-2(2), B4-2(3), B4-2(4), B5-1(2), B6-1(1)(a) and B6-1(1)(d) for the life of the **proposal**.
- B5-4 The proponent must undertake reasonable consultation with the **relevant Traditional Owners** on:
- (1) the dust management measures and adaptive management framework and continuous improvement strategies as part of the Dust Management Plan required by condition B6-4; and
 - (2) the design of **waste rock landforms, integrated waste landforms**, pit voids and land bridges as part of the Mine Closure Plan required under condition B8-6.

B6 Dust

- B6-1 The proponent must ensure the implementation of the **proposal** achieves the following environmental **outcomes**:
- (1) no **disturbance** to sensitive receptors from the generation of dust emissions from the **proposal**, including:
 - (a) Karijini National Park;
 - (b) the **West Angelas Cracking-Clays Priority Ecological Community**;
 - (c) **critical caves**; and
 - (d) **Aboriginal cultural heritage sites**, including Deposit H Waterhole site complex, Turtle Pool, WAN-22-100-EX, the Range, the Western Hill site complex, the WA-16-45-ENG site, the YINHARR-39 site.
- B6-2 The proponent must prepare and submit a Dust Management Approach Report, using monitoring data or other information and submit to the **CEO**, detailing the approach for the management of dust emissions from the **proposal** to meet the **outcomes** in B6-1.
- B6-3 The proponent must prepare and submit a Dust Monitoring Performance Report which shall:

- (1) provide results and **outcomes** of monitoring, research and trials that have been undertaken;
 - (2) provide a discussion of the results of past performance, monitoring, research and trials, **outcomes**, improvement strategies and corrective actions;
 - (3) provide any complaints from sensitive receptors, including from **relevant Traditional Owners**;
 - (4) provide particle size distribution of particulate material and results of dust composition analysis;
 - (5) provide all sensitive receptors and distance from activities, nature of impacts (health, amenity, ecological) with results and discussion of results;
 - (6) describe sampling methodology and equipment; and
 - (7) provide the extent of the monitoring period, any exceedances, current **management actions, trigger criteria and threshold criteria**.
- B6-4 The proponent must prepare and submit a Dust Management Plan, that satisfies the requirements of condition C4 and demonstrates how achievement of the environmental **outcomes** in condition B6-1 will be monitored and substantiated, and submit to the CEO.
- B6-5 The proponent shall report to the **CEO** on the **outcomes** of the implementation of the Dust Management Plan annually as part of the Compliance Assessment Report required by condition D2. The report shall include:
- (1) results of dust monitoring at each sensitive receptor listed in condition B6-1(1);
 - (2) dust management measures applied at all dust-generating activities and sources;
 - (3) effectiveness of dust suppression and mitigation measures applied;
 - (4) assessment of impacts to sensitive receptors; and
 - (5) **outcomes** of the monitoring undertaken in accordance with the Dust Management Plan.

B7 Greenhouse Gas Emissions

- B7-1 The proponent must notify the **CEO** in writing within one month of it becoming aware that implementation of the **proposal** will not be or is not expected to be regulated under the **Safeguard Legislation** as a designated large facility (the

notifiable event) and such notice must briefly describe the reasons for and expected duration of the notifiable event.

B7-2 The proponent must, if requested in writing by the **CEO**, provide the **CEO** with a report on the implications for the **proposal** of any amendment or proposed amendment to the **Safeguard Legislation**, or a decision or proposed decision made under the **Safeguard Legislation** that is specified in the **CEO's** request.

B7-3 The report required by condition B7-2 must:

- (1) be submitted to the **CEO** within three (3) months of the date of the **CEO's** request or such longer period as the **CEO** agrees to in writing; and
- (2) explain the implications that the specified amendment or decision has had or is expected to have on:
 - (a) the obligation to reduce net **Scope 1 greenhouse gas emissions** from implementation of the **proposal** under the **Safeguard Legislation**; and
 - (b) the quantity of actual and net **Scope 1 greenhouse gas emissions** likely to result from the future implementation of the **proposal**.

B8 Rehabilitation and closure

B8-1 The proponent must ensure the implementation of the **proposal** achieves the following environmental **outcomes** for the **significant amendment**:

- (1) pits, with a closure acid and metalliferous drainage risk, and where there is a demonstrable moderate or high risk of **disturbance** from that drainage to sensitive environmental or cultural heritage receptors, will be backfilled to above post mining recovered water levels;
- (2) rehabilitated landforms are stable, do not cause pollution or **environmental harm**;
- (3) the post-mining profile, for ex-pit rehabilitated landforms, will be designed in consideration of visually integrating into the surrounding undisturbed landscape, continuing the surrounding contours of the low hills and slopes;
- (4) ensure the commencement of rehabilitation of areas cleared for infrastructure, roads or access within eighteen (18) months of that infrastructure, roads or access no longer being required, including **disused access tracks** within the **West Angelas Cracking-Clays Priority Ecological Community MEZ** which are required to be

rehabilitated comparable to vegetation types representative of the **West Angelas Cracking-Clays Priority Ecological Community**;

- (5) ensure rehabilitation of Road A as shown in Figure 7A is undertaken within twelve (12) months from Deposit B no longer being **active**;
- (6) rehabilitated vegetation is **self-sustaining**;
- (7) rehabilitated drainage lines are stable, with no erosion features present that compromise rehabilitated landform stability and support ecological processes;
- (8) vegetation within rehabilitated areas are comparable with species diversity and abundance within suitable analogue or reference sites;
- (9) annual reporting on progressive rehabilitation against completion criteria, to ensure they are evidence-based, effective and achievable;
- (10) annual reporting on hectares rehabilitated;
- (11) seed used in rehabilitation is of **local provenance**; and
- (12) closure planning and rehabilitation is undertaken in a **progressive manner** consistent with achievement of the above **outcomes** during operations, and as soon as practicable upon closure.

B8-2 The proponent shall implement the **proposal** to achieve the following environmental **objectives**:

- (1) ensure that the **proposal** is decommissioned and the site of the **proposal** rehabilitated to be safe, stable and non-polluting and in an ecologically appropriate and sustainable manner; and
- (2) ensure that closure planning and rehabilitation are undertaken in a **progressive manner**.

B8-3 The proponent shall ensure rehabilitation measures for the **proposal**:

- (1) include research, trials and monitoring programs, targeting key issues in rehabilitation, to improve rehabilitation techniques, practices and **outcomes**; and
- (2) demonstrate how **outcomes** from previous research, trials and monitoring programs have been incorporated into rehabilitation techniques and practices.

B8-4 The proponent must prepare and submit a Rehabilitation Performance Report which shall:

- (1) provide completion criteria;

- (2) provide the results and analysis of long-term rehabilitation performance since mining commencement;
 - (3) provide historical rates of rehabilitation for the **proposal** and an explanation of these rates;
 - (4) provide historical and ongoing results and **outcomes** of rehabilitation research and trials that were undertaken, targeting key issues facing the rehabilitation of mined areas;
 - (5) provide a discussion of the results of past performance, research and trials, **outcomes** and improvement strategies and how these have been included into the rehabilitation;
 - (6) demonstrate the rate of rehabilitation for the **proposal** and whether rehabilitation is achieving the **outcomes** of condition B8-1, the **objectives** of condition B8-2 and completion criteria in the Rehabilitation Performance Report; and
 - (7) demonstrate how results of long-term rehabilitation performance have been used to inform proposed completion criteria in the Mine Closure Plan required by condition B8-6 to ensure they are adaptive, evidence-based, effective, and achievable.
- B8-5 The proponent must continue rehabilitation to achieve the **outcomes** required by condition B8-1 and demonstrate that the relevant requirements in condition B8-2, B8-3 and B8-4 have been met, until the **CEO** confirms by notice in writing.
- B8-6 The proponent shall update and submit a Mine Closure Plan(s) in accordance with the Department of Energy, Mines, Industry Regulation and Safety's *Statutory Guidelines for Mine Closure Plans March 2020 (updated in January 2023)* (or any subsequent revisions of the guidelines), for approval by the **CEO**, on advice of the Department of Mines, Petroleum and Exploration, the Department of Water and Environmental Regulation; and the **DBCA**.
- B8-7 The proponent shall review and revise the Mine Closure Plan(s) required by condition B8-6 at intervals not exceeding five (5) years, or as otherwise specified by the **CEO**, and submit the Mine Closure Plan(s) to the **CEO** at the agreed intervals.
- B8-8 The proponent shall implement the latest revision of the Mine Closure Plan(s), which the **CEO** has confirmed by notice in writing, satisfies the requirements of conditions B8-1, B8-2 and B8-3.

B9 Pilbara Environmental Offsets Fund

B9-1 The proponent must contribute funds to the **Pilbara Environmental Offsets Fund** calculated pursuant to condition B9-2, to achieve the **objective** of counterbalancing the significant residual impacts to:

- (1) **'Good' to 'Excellent' condition native vegetation;**
- (2) **West Angelas Cracking-Clays PEC;**
- (3) **Riparian vegetation;**
- (4) **Critical habitat** for northern quoll (*Dasyurus hallucatus*), ghost bat (*Macroderma gigas*) and Pilbara olive python (*Liasis olivaceus barroni*), subject to any reduction approved by the **CEO** under condition B9-9; and
- (5) **Supporting habitat** for northern quoll (*Dasyurus hallucatus*), ghost bat (*Macroderma gigas*), Pilbara leaf-nosed bat (*Rhinonictis aurantia*), Pilbara olive python (*Liasis olivaceus barroni*) and night parrot (*Pezoporus occidentalis*) subject to any reduction approved by the **CEO** under condition B9-9.

B9-2 The proponent's contribution to the **Pilbara Environmental Offsets Fund** must be paid biennially with the amount to be contributed calculated based on the clearing undertaken in each year of the biennial reporting period in accordance with the rates in condition B9-3. The first biennial reporting period must commence from **ground disturbing activities** of the **environmental value(s)** identified in condition B9-3.

B9-3 Calculated on the 2023 calendar year, the contribution rates are:

- (1) \$980 AUD (excluding GST) per hectare of **'Good' to 'Excellent' condition native vegetation** cleared as a result of the **proposal** within the Hamersley **IBRA** subregion;
- (2) \$1,960 AUD (excluding GST) per hectare of the **West Angelas Cracking-Clays Priority Ecological Community** and **riparian vegetation** cleared as a result of the **proposal** within the Hamersley **IBRA** subregion;
- (3) \$1,960 AUD (excluding GST) per hectare of **critical habitat** for the following values cleared as a result of the **proposal**:
 - (a) northern quoll (*Dasyurus hallucatus*) **critical habitat**;
 - (b) Pilbara olive python (*Liasis olivaceus barroni*) **critical habitat**; and
 - (c) ghost bat (*Macroderma gigas*) **critical habitat**.
- (4) \$980 AUD (excluding GST) per hectare of **supporting habitat** for the following values cleared as a result of the **proposal**:

- (a) northern quoll (*Dasyurus hallucatus*) **supporting habitat**;
- (b) ghost bat (*Macroderma gigas*) **supporting habitat**;
- (c) Pilbara leaf-nosed bat (*Rhinonicteris aurantia*) **supporting habitat**;
- (d) Pilbara olive python (*Liasis olivaceus barroni*) **supporting habitat**; and
- (e) night parrot (*Pezoporus occidentalis*) **supporting habitat**.

B9-4 The rates in condition B9-3 change annually each subsequent calendar year in accordance with the percentage change in the **CPI** applicable to that calendar year.

B9-5 To achieve the **objective** in condition B9-1 the proponent must revise the Impact Reconciliation Procedure (Offsets) Robe River Iron Co. Pty Ltd, West Angelas Revised Proposal (November 2023, Rev 3) and submit to the **CEO**. This procedure must:

- (1) spatially define the **environmental values** identified in condition B9-1;
- (2) spatially define the areas where offsets required by condition B9-1 are to be exempt;
- (3) include a methodology to calculate the amount of **clearing** undertaken during each year of the biennial reporting period for each of the **environmental values** identified in condition B9-3;
- (4) state that clearing calculation for the first biennial reporting period will commence from **ground disturbing activities** in accordance with condition B9-2 and end on the second 31 December following commencement of **ground disturbing activities**;
- (5) state that clearing calculations for each subsequent biennial reporting period will commence on 1 January of the required reporting period, unless otherwise agreed by the **CEO**; and
- (6) be prepared in accordance with Instructions on how to prepare *Environmental Protection Act 1986 Part IV Impact Reconciliation Procedures and Impact Reconciliation Reports* (March 2024) (or any subsequent revisions).

B9-6 The proponent must review, revise and submit an Impact Reconciliation Report in accordance with the **confirmed** Impact Reconciliation Procedure in condition B9-5.

B9-7 The Impact Reconciliation Report required pursuant to condition B9-6 must be prepared in accordance with EPA guidance and:

- (1) provide the location and spatial extent of the clearing undertaken as a result of the **proposal** during each year of each biennial reporting period; and

- (2) include evidence that clearing undertaken in any area was necessary for the commencement of **proposal** -related activities or operations in that cleared area within six (6) months of the clearing having occurred.
- B9-8 The proponent may apply in writing and seek the written approval of the **CEO** to reduce all or part of the contribution payable under condition B9-2 where:
- (1) a payment has been made to satisfy a condition of an approval under the *Environment Protection and Biodiversity Conservation Act 1999* in relation to the **proposal**; and
 - (2) the payment is made for the purpose of counterbalancing impacts of the **proposal** on matters of national environmental significance.
- B9-9 The **CEO** may grant approval to discount the amount payable under condition B9-3(3) and condition B9-3(4) if the **CEO** is satisfied that the payment will offset the significant residual impacts of the **proposal**.
- B9-10 The 4,667 **ha** of clearing of native vegetation previously approved under Ministerial Statement 970 is exempt from the requirement to offset under condition B9-1.
- B9-11 Condition C2 applies to the confirmed Impact Reconciliation Procedure required by condition B9-5 as if it were an **EMP**.
- B9-12 Failure to implement a **confirmed** Impact Reconciliation Procedure or submit an Impact Reconciliation Report as required by condition B9-6 represents a non-compliance with these conditions.

B10 Enhanced Restoration

- B10-1 The proponent must prepare, in consultation with **DBCA**, and submit an Enhanced Restoration Strategy to achieve the following environmental **outcomes** and **objectives**:
- (1) counterbalance the residual impacts to the following **environmental values**:
 - (a) *Oxalis* sp. Pilbara (M.E Trudgen 12725) (P3);
 - (b) *Olearia mucronata* (P3);
 - (c) *Hibiscus* sp. Gurinbiddy Range (M.E. Trudgen MET 15708) (P2);
 - (d) *Grevillea saxicola* (P3);
 - (e) *Solanum kentrocaule* (P3);
 - (f) *Isotropis parviflora* (P3);
 - (g) *Eremophila* sp. West Angelas (S. van Leeuwen 4068) (P3);
 - (h) *Acacia bromilowiana* (P4); and

- (i) *Sida* sp. Barlee Range (S. van Leeuwen 1642) (P4).
- (2) an environmental benefit for the **environmental values** listed in B10-1(1); and
- (3) contributes to the scientific understanding and key knowledge gaps of the **environmental values** listed in B10-1(1).

B10-2 The Enhanced Restoration Strategy shall:

- (1) identify how the **outcomes** and **objectives** in condition B10-1(1), B10-1(2) and B10-1(3) will be met;
- (2) identify and detail any research, management and/or restoration activities for the **environmental values** listed in B10-1(1);
- (3) describe protocols and procedures to monitor and report on the activities required by condition B10-2(2);
- (4) define targets to be achieved; and
- (5) define **contingency measures**.

PART C – ENVIRONMENTAL MANAGEMENT PLANS AND MONITORING

C1 Environmental Management Plans: Conditions Related to Commencement of Implementation of the Proposal

C1-1 The proponent must:

- (1) within twelve (12) months of the date of this Statement, or otherwise agreed to by the **CEO**, revise and submit the **EMP** required by conditions B1-4 and B4-6 to meet the requirements of those conditions;
- (2) within twelve (12) months of the date of this Statement, or otherwise agreed to by the **CEO**, submit the Ghost Bat Monitoring Performance Report, Groundwater and Surface Water Performance Report, Groundwater **EMP**, and Dust Monitoring Performance Report required by conditions B2-6, B4-4, B4-5 and B6-3, on advice from **DBCA**, meets the requirement of those conditions;
- (3) within twelve (12) months of the date of this Statement, or otherwise agreed to by the **CEO**, and five-yearly thereafter, submit the Rehabilitation Performance Report required by condition B8-4, on advice from **DBCA**, meets the requirement of that condition;
- (4) not undertake **ground disturbing activities** within 350 m of **critical caves** for the **significant amendment** until the **CEO**, has confirmed in writing that the Ghost Bat Management Plan required by condition B2-7, on advice from **DBCA**, meets the requirements of that condition;
- (5) within twelve (12) months of the date of this Statement and every five (5) years thereafter, or otherwise agreed to by the **CEO**, revise and submit the Mine Closure Plan(s) required by condition B8-6 that meets the requirements of that condition;
- (6) within twelve (12) months of the date of this Statement revise and submit the Impact Reconciliation Procedure (Offsets) required by condition B9-6 that meets the requirements of that condition;
- (7) within twelve (12) months of the date of this Statement, or otherwise agreed by the **CEO**, submit the Enhanced Restoration Strategy, required by condition B10-1, that meets the requirements of conditions B10-1 and B10-2;
- (8) within eighteen (18) months of the date of this Statement, or otherwise agreed to by the **CEO**, submit the Noise and Vibration Management Approach Report, required by condition B2-5. Once the **CEO**, on advice from **DBCA**, has confirmed in writing that the Noise and Vibration Management Approach Report required by B2-5 meets the requirements

of that condition, the proponent shall update the Ghost Bat Management Plan required by B2-7 detailing the approach for managing noise and vibration as documented in the approved Noise and Vibration Management Approach Report; and

- (9) within eighteen (18) months of the date of this Statement, or as otherwise agreed by the **CEO**, submit the Dust Management Approach Report required by condition B6-2. Once the **CEO** has confirmed in writing that the Dust Management Approach Report meets the requirements of that condition, the proponent shall update the Dust Management Plan required by condition B6-4 to include the confirmed management approach.

C2 Environmental Management Plans: Conditions Relating to Approval, Implementation, Review and Publication

C2-1 Upon being required to implement an **EMP** under Part B, or after receiving notice in writing from the **CEO**, on advice from **DBCA**, under condition C1-1 that the **EMP(s)** required in Part B satisfies the relevant requirements, the proponent must:

- (1) implement the most recent version of the **confirmed EMP**; and
- (2) continue to implement the **confirmed EMP** referred to in condition C2-1(1), other than for any period which the **CEO** confirms by notice in writing that it has been demonstrated that the relevant requirements for the **EMP** have been met, or are able to be met under another statutory decision-making process, in which case the implementation of the **EMP** is no longer required for that period.

C2-2 The proponent:

- (1) may review and revise a **confirmed EMP** provided it meets the relevant requirements of that **EMP**, including any consultation that may be required when preparing the **EMP**;
- (2) must review and revise a **confirmed EMP** and ensure it meets the relevant requirements of that **EMP**, including any consultation that may be required when preparing the **EMP**, as and when directed by the **CEO**; and
- (3) must revise and submit to the **CEO** the **confirmed EMP** if there is a material risk that the **outcomes** or **objectives** it is required to achieve will not be complied with, including but not limited to as a result of a change to the **proposal**.

- C2-3 Despite condition C2-1, but subject to conditions C2-4 and C2-5, the proponent may implement minor revisions to an **EMP** if the revisions will not result in new or increased **disturbances**, direct or indirect, that would **disturb** the environment or result in a risk to the achievement of the limits, **outcomes** or **objectives** which the **EMP** is required to achieve.
- C2-4 If the proponent is to implement minor revisions to an **EMP** under condition C2-3, the proponent must provide the **CEO** with the following at least twenty (20) business days before it implements the revisions:
- (1) the revised **EMP** clearly showing the minor revisions;
 - (2) an explanation of and justification for the minor revisions; and
 - (3) an explanation and adequate evidence of why the minor revisions will not result in new or increased **disturbances** to the environment or result in a risk to the achievement of the limits, **outcomes** or **objectives** which the **EMP** is required to achieve.
- C2-5 The proponent must cease to implement any revisions which the **CEO** notifies the proponent (at any time) in writing may not be implemented.
- C2-6 **Confirmed EMPs**, and any revised **EMP**s under condition C2-4(1), must be published on the proponent's website and provided to the **CEO** in electronic form suitable for on-line publication by the Department of Water and Environmental Regulation within twenty (20) business days of being implemented, or being required to be implemented (whichever is earlier).

C3 Conditions Related to Monitoring

- C3-1 The proponent must undertake monitoring capable of:
- (1) substantiating whether the **proposal** limitations and extents in Part A are exceeded; and
 - (2) **detecting** and substantiating whether the environmental **outcomes** identified in Part B are achieved (excluding any environmental **outcomes** in Part B where an **EMP** is expressly required to monitor achievement of that **outcome**).
- C3-2 The proponent must submit as part of the Compliance Assessment Report required by condition D2, a compliance monitoring report that:
- (1) outlines the monitoring that was undertaken during the implementation of the **proposal**;
 - (2) identifies why the monitoring was capable of substantiating whether the **proposal** limitation and extents in Part A are exceeded;

- (3) for any environmental **outcomes** to which condition C3-1(2) applies, identifies why the monitoring was scientifically robust and capable of **detecting** whether the environmental **outcomes** in Part B are met;
- (4) outlines the results of the monitoring;
- (5) reports whether the **proposal** limitations and extents in Part A were exceeded and (for any environmental **outcomes** to which condition C3-1(2) applies) whether the environmental **outcomes** in Part B were achieved, based on analysis of the results of the monitoring; and
- (6) reports any actions taken by the proponent to remediate any potential non-compliance.

C4 Environmental Management Plans: Conditions Relating to Monitoring and Adaptive Management for Outcomes Based Conditions

C4-1 The **EMPs** required under condition B1-4, B2-7, B4-5, B4-6, B6-4 and B8-6 must contain provisions which enable the substantiation of whether the relevant **outcomes** of those conditions are met, and must include:

- (1) **threshold criteria** that provide a limit beyond which the environmental **outcomes** are not achieved;
- (2) **trigger criteria** that will provide an early warning that the environmental **outcomes** are not likely to be met;
- (3) monitoring parameters, sites, control/reference sites, methodology, timing and frequencies which will be used to measure **threshold criteria** and **trigger criteria**. Include methodology for determining alternate monitoring sites as a contingency if proposed sites are not suitable in the future;
- (4) **baseline** data;
- (5) data collection and analysis methodologies;
- (6) adaptive management methodology;
- (7) **contingency measures** which will be implemented if **threshold criteria** or **trigger criteria** are not met; and
- (8) reporting requirements.

C4-2 The **EMP** required under condition B1-4 is also required to include:

- (1) **management actions** to maintain the **viability** of the **West Angelas Cracking Clay Priority Ecological Community**;

- (2) **trigger criteria** and **threshold criteria** considering indirect impacts based on investigations determining what would constitute an **irreversible impact** to the **West Angelas Cracking Clay Priority Ecological Community**;
- (3) appropriate reference sites based on **occurrences** of the **West Angelas Cracking Clay Priority Ecological Community** beyond the **development envelope**;
- (4) mapping of the spatial extent and condition of the **West Angelas Cracking Clay Priority Ecological Community** and ongoing monitoring of the extent and condition; and
- (5) ongoing hydrological monitoring to predict and detect changes that may impact the **West Angelas Cracking Clay Priority Ecological Community**, including mitigation measures to be employed.

C4-3 The **EMP** required under condition B4-5 is also required to include:

- (1) measures to specifically address the potential impacts from groundwater drawdown associated with the **significant amendment**, and combined groundwater drawdown from the **approved proposal**.

C4-4 The **EMP** required under condition B4-6 are also required to include:

- (1) details on the investigations (including conceptualisation, bathymetry and monitoring of groundwater, surface water and vegetation) at Deposit H Waterhole and Turtle Pool used to inform adaptive management methodology(s).

C4-5 The **EMP** required under condition B6-4 are also required to include:

- (1) early detection dust monitoring at all sensitive receptors listed in condition B6-1(1) within the **development envelope**;
- (2) describe the activities and sources that may increase and decrease the generation of dust emissions;
- (3) **management actions** to reduce impacts from dust emissions;
- (4) a framework for assessing performance;
- (5) results of research, trials and dust monitoring programs; and
- (6) continuous improvement strategies.

C4-6 Without limiting condition C3-1, failure to achieve an environmental **outcome**, or the exceedance of a **threshold criteria**, regardless of whether threshold

contingency measures have been or are being implemented, represents a non-compliance with these conditions.

C5 Environmental Management Plans: Conditions Related to Management Actions and Targets for Objective Based Conditions

C5-1 The **EMP** required under condition B1-4, B2-7, B4-6, B6-4 and B8-6 must contain provisions which enable the achievement of the relevant **objective** of those conditions and substantiation of whether the **objective** are reasonably likely to be met, and must include:

- (1) **management actions**;
- (2) **management targets**;
- (3) **contingency measures** if **management targets** are not met; and
- (4) reporting requirements.

C5-2 Without limiting condition C2-1, the failure to achieve an environmental **objective**, or implement a **management action**, regardless of whether **contingency measures** have been or are being implemented, represents a non-compliance with these conditions.

PART D – COMPLIANCE, TIME LIMITS, AUDITS AND OTHER CONDITIONS

D1 Non-compliance Reporting

D1-1 If the proponent becomes aware of a potential non-compliance, the proponent must:

- (1) report this to the **CEO** within seven (7) days;
- (2) implement **contingency measures**;
- (3) investigate the cause;
- (4) investigate environmental impacts;
- (5) advise rectification measures to be implemented;
- (6) advise any other measures to be implemented to ensure no further impact;
- (7) advise timeframe in which contingency, rectification and other measures have and/or will be implemented; and
- (8) provide a report to the **CEO** within twenty-one (21) days of being aware of the potential non-compliance, detailing the measures required in conditions D1-1(1) to D1-1(7) above.

D1-2 Failure to comply with the requirements of a condition, or with the content of an **EMP** required under a condition, constitutes a non-compliance with these conditions, regardless of whether the **contingency measures**, rectification or other measures in condition D1-1 above have been or are being implemented.

D2 Compliance Reporting

D2-1 The proponent must provide an annual Compliance Assessment Report to the **CEO** for the purpose of determining whether the implementation conditions are being complied with.

D2-2 Unless a different date or frequency is approved by the **CEO**, the first annual Compliance Assessment Report must be submitted within fifteen (15) months of the date of this Statement, and subsequent reports must be submitted annually from that date.

D2-3 Each annual Compliance Assessment Report must be endorsed by the proponent's Chief Executive Officer, or a person approved by proponent's Chief Executive Officer to be delegated to sign on the Chief Executive Officer's behalf.

D2-4 Each annual Compliance Assessment Report must:

- (1) state whether each condition of this Statement has been complied with, including:
 - (a) exceedance of any **proposal** limits and extents;
 - (b) achievement of environmental **outcomes**;
 - (c) achievement of environmental **objectives**;
 - (d) requirements to implement the content of **EMPs**;
 - (e) monitoring requirements;
 - (f) implement **contingency measures**;
 - (g) requirements to implement adaptive management; and
 - (h) reporting requirements;
- (2) include the results of any monitoring (inclusive of any raw data) that has been required under Part C in order to demonstrate that the limits in Part A, and any **outcomes** or any **objectives** are being met;
- (3) provide evidence to substantiate statements of compliance, or details of where there has been a non-compliance;
- (4) include the corrective, remedial and preventative actions taken in response to any potential non-compliance;
- (5) be provided in a form suitable for publication on the proponent's website and online by the Department of Water and Environmental Regulation; and
- (6) be prepared and published consistent with the latest version of the Compliance Assessment Plan required by condition D2-5 which the **CEO** has confirmed by notice in writing satisfies the relevant requirements of Part C and Part D.

D2-5 The proponent must prepare a Compliance Assessment Plan which is submitted to the **CEO** at least six (6) months prior to the first Compliance Assessment Report required by condition D2-2, or prior to implementation of the **proposal**, whichever is sooner.

D2-6 The Compliance Assessment Plan must include:

- (1) what, when and how information will be collected and recorded to assess compliance;
- (2) the methods which will be used to assess compliance;

- (3) the methods which will be used to validate the adequacy of the compliance assessment to determine whether the implementation conditions are being complied with;
- (4) the retention of compliance assessments;
- (5) the table of contents of Compliance Assessment Reports, including audit tables; and
- (6) how and when Compliance Assessment Reports will be made publicly available, including usually being published on the proponent's website within sixty (60) days of being provided to the **CEO**.

D3 Contact Details

- D3-1 The proponent must notify the **CEO** of any change of its name, physical address or postal address for the serving of notices or other correspondence within twenty-eight (28) days of such change. Where the proponent is a corporation or an association of persons, whether incorporated or not, the postal address is that of the principal place of business or of the principal office in the State.

D4 Time Limit for Proposal Implementation

- D4-1 The **proposal** must be **substantially commenced** within five (5) years from the date of this Statement.
- D4-2 The proponent must provide to the **CEO** documentary evidence demonstrating that they have complied with condition D4-1 no later than thirty (30) days after **substantial commencement**.
- D4-3 If the **proposal** has not been **substantially commenced** within the period specified in condition D4-1, implementation of the **proposal** must not be commenced or continued after the expiration of that period.

D5 Public Availability of Data

- D5-1 Subject to condition D5-2, within a reasonable time period approved by the **CEO** upon the issue of this Statement and for the remainder of the life of the **proposal**, the proponent must make publicly available, in a manner approved by the **CEO**, all validated environmental data collected before and after the date of this Statement relevant to the **proposal** (including sampling design, sampling methodologies, monitoring and other empirical data and derived information products (e.g. maps)), **EMPs** and reports relevant to the assessment of this **proposal** and implementation of this Statement.

D5-2 If:

- (1) any data referred to in condition D5-1 contains trade secrets; or

- (2) any data referred to in condition D5-1 contains particulars of confidential information (other than trade secrets) that has commercial value to a person that would be, or could reasonably be expected to be, destroyed or diminished if the confidential information were published,

the proponent may submit a request for approval from the **CEO** to not make this data publicly available and the **CEO** may agree to such a request if the **CEO** is satisfied that the data meets the above criteria.

D5-3 In making such a request the proponent must provide the **CEO** with an explanation and reasons why the data should not be made publicly available.

D6 Independent Audit

D6-1 The proponent must arrange for an independent audit of compliance with the conditions of this Statement, including achievement of the environmental **outcomes** and/or the environmental **objectives** and/ or environmental performance with the conditions of this Statement, as and when directed by the **CEO**.

D6-2 The independent audit must be carried out by a person with appropriate qualifications who is nominated or approved by the **CEO** to undertake the audit under condition D6-1.

D6-3 The proponent must submit the independent audit report with the Compliance Assessment Report required by condition D2, or at any time as and when directed in writing by the **CEO**. The audit report is to be supported by credible evidence to substantiate its findings.

D6-4 The independent audit report required by condition D6-1 is to be made publicly available in the same timeframe, manner and form as a Compliance Assessment Report, or as otherwise directed by the **CEO**.

[signed on 25 August 2025]

Hon. Matthew Swinbourn BA LLB MLC

MINISTER FOR THE ENVIRONMENT; COMMUNITY SERVICES; HOMELESSNESS

Key decision-making authorities consulted under section 45(2):
Minister for Aboriginal Affairs Minister for Mines and Petroleum Minister for State Development Minister for Water

Table 1: Abbreviations and definitions

Acronym or abbreviation	Definition or term
Aboriginal cultural heritage	Means the tangible and intangible elements that are important to the Aboriginal people of the state, and are recognised through social, spiritual, historical, scientific or aesthetic values, as part of Aboriginal tradition to the extent they directly affect or are affected by physical or biological surroundings.
Aboriginal cultural heritage site(s)	A place which has Aboriginal cultural heritage which is subject to a WA law, and/or has been newly identified within a survey, study, report, (or similar), and/or is lodged under a WA law but not yet registered, relating specifically to Aboriginal heritage from time to time.
Active	Means actively being used to extract ore, and/or support operational requirements, and/or closure activities.
Adequate	The trial blasting events to be undertaken up to the distance that corresponds with operational disturbance needs.
ANZG Framework	Policy, process and guidelines set out as per the Australian and New Zealand Environmental and Conservation Council and Agriculture and Resource Management Council of Australia and New Zealand (ANZECC/ARMCANZ (2000)) <i>Australian Water Quality Guidelines for Fresh and Marine Waters</i> and its updates.
Apartment block(s)	Groupings of category 3 and 4 caves immediately surrounding higher category caves are also considered critical habitat and described as “apartment blocks” that support the viability of the category 2 caves, as per section 13.7.3.2 of the West Angelas Proposal Environmental Review Document (Rio Tinto 2023).
Approved proposal	West Angelas Iron Ore Project – Revised Proposal approved under MS 1113.
Baseline	Initial conditions measured before disturbance associated with the significant amendment which is used for comparison with data collected during and after disturbance to identify and measure changes in conditions.
Bat deflectors	Suitable design, feature or modification to barbed wire fencing to increase its visibility and reduce bat collision and entanglement.
Category 1, 2, 3 and 4 bat cave(s)	Cave categorisations for category 1, category 2, category 3 and category 4 bat caves for the ghost bat or Pilbara leaf-nosed bat as per: <ul style="list-style-type: none"> • <i>A review of ghost bat ecology, threats and survey requirements</i> (Prepared for the Department of Agriculture, Water and Environment by R. D. Bullen – Bat Call WA, 2022); and • <i>A review of Pilbara leaf-nosed bat ecology, threats and survey requirements</i> (Prepared for the Department of Agriculture, Water and Environment by R. D. Bullen – Bat Call WA, 2022).

Acronym or abbreviation	Definition or term
CEO	The Chief Executive Officer of the Department of the Public Service of the State responsible for the administration of section 48 of the <i>Environmental Protection Act 1986</i> , or the CEO's delegate.
Clearing / clearing activities	Has the same meaning as in section 51A of the <i>Environmental Protection Act 1986</i> .
Conceptual footprint	Refers to the current indicative layout of the direct disturbance footprint of the proposal , which includes key elements such as mine pits and waste rock landforms , as well as infrastructure.
Confirmed	<p>In relation to a plan required to be made and submitted to the CEO, means, at the relevant time, the plan that the CEO confirmed, by notice in writing, meets the requirements of the relevant condition.</p> <p>In relation to a plan required to be implemented without the need to be first submitted to the CEO, means that plan until it is revised, and then means, at the relevant time, the plan that the CEO confirmed, by notice in writing, meets the requirements of the relevant condition.</p>
Contaminated	Having a substance present at above background concentrations that presents, or has the potential to present, a risk of harm to human health, the environment or any environmental value .
Contingency measures	Planned actions for implementation if it is identified that an environmental outcome , environmental objective , threshold criteria , or management target are likely to be, or are being, exceeded. Contingency measures include changes to operations or reductions in disturbance to reduce impacts and must be decisive actions that will quickly bring the impact to below any relevant threshold, management target and to ensure that the environmental outcome and/or objective can be met.
CPI	The All Groups Consumer Price Index numbers for Perth compiled and published by the Australian Bureau of Statistics.
Critical caves	<p>Ghost bat caves that are classified as category 1, category 2 or category 3 when adjacent to category 2, forming 'apartment blocks' as per:</p> <ul style="list-style-type: none"> • <i>A review of ghost bat ecology, threats and survey requirements</i> (Prepared for the Department of Agriculture, Water and Environment by R. D. Bullen – Bat Call WA, 2022), and any subsequent revisions. <p>All critical caves are located within Mining Exclusion Zone 1A or 1B, as represented by the following caves in the supporting spatial data for the West Angelas Proposal Environmental Review Document (Rio Tinto 2023).</p>

Acronym or abbreviation	Definition or term		
	Cave ID	Category (confirmed or potential)	Apartment block
	CWAN-04	2	Yes.
	CWAN-01	3	In proximity to CWAN-04
	CWAN-02	3	In proximity to CWAN-04
	CWAN-03	3	In proximity to CWAN-04
	CWAN-06	2	-
	CWAN-07	2	-
	AA1	2	Yes
	WA-13	2	Yes
	WA-21	2	Yes
	WA-23	2	Yes
Critical caves – group A	Caves CWAN-01, CWAN-02, CWAN-03, CWAN-04, CWAN-06 and CWAN-07 located in MEZ 1A in Figure 8A.		
Critical caves – group B	Caves AA1, WA-13, WA-21 and WA-23 located with MEZ 1B in Figure 8B.		
Critical habitat	Fauna habitat types mapped as gorge/gully habitat and hillcrest/hillslope habitat for northern quoll, ghost bat, Pilbara olive python and night parrot as described in the West Angelas Revised Proposal Assessment Report (EPA 2025).		
Day-time	Means any time more than thirty (30) minutes after sunrise and more than thirty (30) minutes prior to sunset on the same day.		
DBCA	Means the Department responsible for administration of the <i>Biodiversity Conservation Act 2016</i> which at the time of writing is the Department of Biodiversity, Conservation and Attractions (DBCA).		
Detecting	The smallest statistically discernible effect size that can be achieved with a monitoring strategy designed to achieve a statistical power value or measure of at least 0.8 or an alternative value as determined by the CEO .		
Development envelope	Area in which the new mine and existing areas and associated facilities of the proposal are located. All direct impacts associated with the proposal will be contained within the development envelope .		
Directional and/or shielded lighting	Means light fittings that are located, directed, or shielded to avoid lighting anything but the target object or area as described in the <i>National Light Pollution Guidelines for Wildlife</i> (May 2023).		
Disturb/ Disturbance(s)	Means directly has or materially contributes to the disturbance effect on health, diversity or abundance of the receptor/s being impacted or on an environmental value .		

Acronym or abbreviation	Definition or term
	<p>In relation to flora, vegetation or fauna habitat, includes to result in the death, destruction, removal, severing or doing substantial damage to.</p> <p>In relation to fauna, includes to have the effect of altering the natural behaviour of fauna to its detriment.</p> <p>In relation to inland waters, includes to have the effect of altering hydrological regimes or water quality to the detriment of the environmental value supported by or dependent on surface water and/or groundwater.</p> <p>In relation to Aboriginal cultural heritage, includes direct physical or biological effects on the tangible and intangible elements that are important to Aboriginal people, and are recognised through social, spiritual, historical, scientific or aesthetic values, as part of Aboriginal tradition.</p>
Disused access tracks	Access tracks throughout the West Angelas Cracking-Clay PEC MEZ , as described in “Rationale for retaining disturbed areas” (Rio Tinto 2025), that have not been used for more than six months.
Drainage line habitat	The area defined as the habitat type “ drainage line ” in the report and supporting spatial data in the West Angelas Revised Proposal Environmental Review Document (Rio Tinto 2023).
EMP	Environmental Management Plan.
Environmental harm	Has the meaning provided by section 3A(2) of the <i>Environmental Protection Act 1986</i> .
Environmental value(s)	A beneficial use, or ecosystem health condition.
Environmental weeds	Any plant declared under section 22(2) of the <i>Biodiversity and Agriculture Management Act 2007</i> , any plant listed on the Weeds of National Significance List and any weeds listed on the DBCAs Pilbara Impact and Invasiveness Ratings list, as amended or replaced from time to time.
Fauna Corridor Protection Zones	Strategic locations spatially defined in Figure 12 to maintain natural dispersal corridors and ecological connectivity for fauna species within the development envelope .
Fauna Spotter	A person who is qualified and has attained the appropriate licence/s and authorisation/s under the <i>Biodiversity Conservation Act 2016</i> and the <i>Biodiversity Conservation Regulations 2018</i> .
Feral fauna	Non-native (introduced) fauna species that are, or have the potential to, become established in the wild. Examples relevant to the proposal include but are not limited to: cat (<i>Felis catus</i>), red fox (<i>Vulpes vulpes</i>), cane toad (<i>Rhinella marina</i>) and goat (<i>Capra hircus</i>).
GL/a	Gigalitres per annum

Acronym or abbreviation	Definition or term
‘Good’ to ‘Excellent’ condition native vegetation	Means vegetation that has been rated ‘good’, ‘excellent’ or any value between these ratings, in accordance with the <i>Technical Guidance – Flora and Vegetation Surveys for Environmental Impact Assessment</i> (EPA 2016) including any revision to this technical guidance.
Gorge/ gully habitat	The area defined as the habitat type “gorge/gully” in the report and supporting spatial data in the West Angelas Revised Proposal Environmental Review Document (Rio Tinto 2023) (Figure 11).
Greenhouse gas emissions	Greenhouse gas emissions expressed as tonnes of carbon dioxide equivalent (CO ₂ -e) as calculated in accordance with the definition of ‘carbon dioxide equivalence in Section 7 of the <i>National Greenhouse and Energy Reporting Act 2007</i> (Cth) or, if that definition is amended or repealed, the meaning set out in an Act, regulation or instrument concerning greenhouse gases as specified by the Minister.
Groundwater dependent vegetation	Vegetation that relies on groundwater for at least part of the year or part of their life cycles.
Ground disturbing activities	Any activity or activities undertaken in the implementation of the proposal , including any clearing, civil works or construction.
ha	Hectare(s).
High density population	A high density population may be characterised by numerous camera triggers of multiple individuals across multiple cameras and or traps on the site (EPBC Act referral guideline for the endangered northern quoll <i>Dasyurus hallucatus</i> , Department of the Environment, 2016).
Hillcrest/ hillslope habitat	The area defined as the habitat type “hillcrest/hillslope” in the report and supporting spatial data in the West Angelas Revised Proposal Environmental Review Document (Rio Tinto 2023) (Figure 9-4, 9-4(a), 9-4(b), 9-4(c)).
IBRA	Interim Biogeographic Regionalisation for Australia.
Integrated waste landforms	The integrated waste landform is the incorporation of disposal of tailings material within the waste landform resulting in a single landform.
Irreversible impact	Adverse impact which is unlikely to or does not return to pre-impact state within five (5) years. Where an adverse impact is a negative change that is neither trivial nor negligible that could result in a reduction in health, diversity or abundance of the receptor(s) being impacted, or a reduction in environmental value. Adverse impacts can arise from direct or indirect impacts, or other impacts from the proposal .

Acronym or abbreviation	Definition or term
km	Kilometre.
km/hr	Kilometre(s) per hour.
Local area	Within 10 km of the development envelope .
Low impact activities	Activities involving minimal disturbance of ground or vegetation. Activities may include: <ul style="list-style-type: none"> Monitoring of cultural or heritage values, fauna, vegetation or water; Management activities associated with feral fauna control, environmental weed control or protection of cultural or heritage values. Implementation of contingency measures; Cultural or ecological restoration activities; or Maintenance of existing infrastructure.
Local provenance	Refers to Hamersley IBRA subregion as delineated by the PIL03 of <i>Interim Biogeographic Regionalisation for Australia, Version 7</i> (DCCEEW).
m	Metres.
Major drainage habitat	The area defined by habitat type 'major drainage' habitat in the West Angelas Iron Ore Project Deposit C, D and G Proposal (Rio Tinto July 2018) (Table 6-2).
Management action(s)	The identified actions implemented with the intent of to achieving the environmental objective .
Management target(s)	A type of indicator to evaluate whether an environmental objective is being achieved.
Maternity season	Period between 1 October to 31 December for ghost bats (<i>Macroderma gigas</i>) and period 1 June to 30 November for grey falcons (<i>Falco hypoleucos</i>).
Mine dewatering	The extraction of groundwater from below the water table to access an ore body.
Mining Exclusion Zone 1A	As spatially depicted in Figure 8A and delineated by geographic coordinates and spatial data referred to in Schedule 1. This Mining Exclusion Zone encompasses critical caves for ghost bats and includes a buffer of 150m.
Mining Exclusion Zone 1B	As spatially depicted in Figure 8B and delineated by geographic coordinates and spatial data referred to in Schedule 1. This Mining Exclusion Zone encompasses critical caves for ghost bats assessed under MS1113 and includes a buffer of 100m.
Mining Exclusion Zone 2	As spatially depicted in Figure 9 and delineated by geographic coordinates and spatial data referred to in Schedule 1. This Mining Exclusion Zone encompasses an isolated category 3 ghost bats caves and isolated category 4 caves for ghost bats and/or Pilbara leaf-nosed bats.
Mining Exclusion Zone 3	As spatially depicted in Figure 13A and delineated by geographic coordinates and spatial data referred to in Schedule

Acronym or abbreviation	Definition or term
	1. This Mining Exclusion Zone encompasses prospective short-range endemic fauna habitats within Western Hill.
Mining Exclusion Zone 4	As spatially depicted in Figure 13B and delineated by geographic coordinates and spatial data referred to in Schedule 1. This Mining Exclusion Zone encompasses prospective short-range endemic fauna habitats within Deposit H.
Mining Exclusion Zone 5	As spatially depicted in Figure 13C and delineated by geographic coordinates and spatial data referred to in Schedule 1. This Mining Exclusion Zone encompasses prospective short-range endemic fauna habitats within Mt Ella East.
Nearby	Within 20 km of the development envelope .
Non-maternity season	Period between 1 January to 30 September for ghost bats (<i>Macroderma gigas</i>).
Night-time	Means outside of day-time hours.
Objective(s)	An objective is the proposal -specific desired state for an environmental factor(s) to be achieved from the implementation of management actions .
Outcome(s)	A proposal -specific result to be achieved when implementing the proposal .
Occurrences	Areas comprised of the occurrence of the West Angelas Cracking-Clay PEC within the PEC Mining Exclusion Zone .
Pilbara Environmental Offsets Fund	A special purpose account created pursuant to section 16(1)(d) of the <i>Financial Management Act 2006</i> by the Department of Water and Environmental Regulation.
Pre-clearance survey(s)	Surveys designed to identify the presence or evidence of threatened and priority fauna species listed under the <i>Biodiversity Conservation Act 2016</i> prior to ground disturbing activities in accordance with the relevant EPA Guidance.
Pre-clearance inspection(s)	Means a search of immediate impact areas prior to clearing to locate fauna. The pre-clearance inspections should focus on locating nests, burrows, recent foraging signs, fresh tracks and scats. Refer to DBCA guidelines, particularly 'Guidelines for determining the likely presence and habitat usage in night parrot (<i>Pezoporus occidentalis</i>) in Western Australia' (DBCA 2024).
Predicted	Stygofauna and troglofauna habitats as described and recorded in the <i>West Angelas: 3D Subterranean Habitat Modelling and Assessment</i> (Biologic, December 2022).
Priority flora	Species listed as priority by DBCA .
Program of longer deployment	Includes the implementation of multiple autonomous recording units to be spaced more widely throughout areas of suitable roosting habitat, and left in place for a period of several months as per the revised <i>DBCA Guidelines for determining the likely presence and habitat usage of night parrot (Pezoporus occidentalis) in Western Australia</i> (2024) available at dbca_guideline_for_considering_night_parrot_version_1.0_march_24(2).pdf .

Acronym or abbreviation	Definition or term
Progressive manner	In relation to rehabilitation, the stage treatment of disturbed areas during exploration, construction, development and mining operation as soon as these areas become available.
Proposal	The proposal is the entire proposal , which includes the existing approved proposal , plus the expansion (significant amendment).
Relevant Traditional Owners	In relation to the land subject to the proposal , means one or more of the following: <ul style="list-style-type: none"> • a registered native title body corporate for the land; or • a registered native title claimant for the land; or • a group of persons with Aboriginal traditional and cultural associations with the land.
Reasonable steps to consult	Reasonable steps to consult as described in the <i>Technical Guideline Environmental Impact Assessment of Social Surroundings- Aboriginal cultural heritage</i> (EPA, November 2023) and any subsequent revisions.
Riparian Vegetation	Vegetation types identified as D2, D3, D10, D11 and D12 in Table 8-5 of the West Angelas Revised Proposal Environmental Review Document (Rio Tinto 2023).
Safeguard Legislation	The Commonwealth <i>National Greenhouse and Energy Reporting Act 2007</i> and associated <i>National Greenhouse and Energy Reporting (Safeguard Mechanism) Rule 2015</i> .
Self-sustaining	Vegetation that can survive without intervention such as water or maintenance. A self-sustaining ecosystem has the potential to persist indefinitely under existing environmental conditions, but its composition, structure and function may fluctuate in response to periodic stress or disturbance , or may evolve as environmental conditions change (adapted from SER 2004).
Scope 1	Scope 1 emissions of greenhouse gas, in relation to a facility, means the release of greenhouse gas emissions into the atmosphere as a direct result of one or more activities, which are part of the proposal , that generate greenhouse gas emissions .
Similar geologies	A body of rock with similar geological and structural properties (for example banded iron formations or channel iron deposits).
Significant amendment	Is the expansion of the approved proposal as described and documented in Table 1 of EPA Report 1784 (West Angelas Revised Proposal Referral form Attachment 1 - Table 2, dated 23 March 2021 and as amended by the proponent's Proposal Content Documents dated 26 April 2023 and 3 December 2024).
Stygofauna habitat	Bodies of groundwater that support stygofauna communities as described and recorded in the <i>West Angelas: 3D Subterranean Habitat Modelling and Assessment</i> (Biologic, December 2022).
Substantially commenced/	Substantial commencement is more than the preparatory works for a proposal and generally includes ground disturbance activities which are solely attributed to proposal elements

Acronym or abbreviation	Definition or term
substantial commencement	described in the proposal content document, and a substantial portion of the total disturbance and infrastructure works physically commenced.
Supporting habitat	Fauna habitat mapped as gorge/gully, hillcrest/hillslope, drainage line (for northern quoll, Pilbara leaf-nosed bat and Pilbara olive python); cracking clay, drainage line , footslopes/plain, and mixed acacia woodland (for ghost bat); and mixed acacia woodland and footslopes/plain (for night parrot) as described in West Angelas Revised Proposal Assessment Report (EPA 2025).
Surface water features	Habitat for fauna, including ephemeral pools.
Threshold criteria	The indicators that have been selected to represent limits of impact beyond which the environmental outcome is not being met.
Trigger criteria	Indicators that have been selected for monitoring to provide a warning that, if exceeded, the environmental outcome may not be achieved. They are intended to forewarn of the approach of the threshold criteria and trigger response actions.
Threatened fauna	Fauna listed as threatened under the <i>Biodiversity Conservation Act 2016</i> or the <i>Commonwealth Environment Protection and Biodiversity Conservation Act 1999</i> .
Troglofauna habitat	Caves and voids that support troglofauna communities as described and recorded in the <i>West Angelas: 3D Subterranean Habitat Modelling and Assessment</i> (Biologic, December 2022).
Viability	In relation to fauna, where there is evidence of breeding and juveniles, and the population numbers remain within natural variation. In relation to flora, where there is evidence of seed germination and growth, and the population remains within natural variation.
Vicinity	Within 20 km of the development envelope /Karijini National Park.
Waste rock landforms	Landform that consists of rocks removed in the mining process to provide access to the ore.
West Angelas Cracking-Clay Priority Ecological Community (PEC)	The West Angelas Cracking-Clay communities of the central and eastern Hamersley Range listed by DBCA as a priority ecological community and including vegetation type P15 in the development envelope .
West Angelas Cracking-Clay Priority Ecological Community Mining Exclusion Zone (MEZ)	As spatially depicted in Figure 7 and delineated by geographic coordinates and spatial data referred to in Schedule 1. This Mining Exclusion Zone encompasses the West Angelas Cracking-Clay PEC .

Figures (attached)

Figure 1: West Angelas Revised Proposal – significant amendment

Figure 2: West Angelas – approved proposals

Figure 3: Linear infrastructure development envelope

Figure 4: West Angelas Revised Proposal Assessment area

Figure 5: *Tetratheca fordiana* (P2) and related Mining Exclusion Zone

Figure 6: *Eremophila* sp. West Angelas (S. van Leeuwen 4068) (P2) and related Mining Exclusion Zone

Figure 7A: West Angelas Cracking-Clays Priority Ecological Community Mining Exclusion Zone

Figure 7B: Vegetation condition mapped within the West Angelas Cracking-Clays Priority Ecological Community Mining Exclusion Zone

Figure 8A: Mining Exclusion Zone 1A

Figure 8B: Mining Exclusion Zone 1B

Figure 9: Mining Exclusion Zone 2

Figure 10: Impacted ghost bat caves within the development envelope

Figure 11: Fauna habitats within the development envelope

Figure 12: Fauna Corridor Protection Zone

Figure 13A: Short-range Endemics Mining Exclusion Zone 3 in Western Hill

Figure 13B: Short-range Endemics Mining Exclusion Zone 4 in Deposit H

Figure 13C: Short-range Endemics Mining Exclusion Zone 5 in Mt Ella East

Figure 14: Surface water features within and adjacent to the West Angelas Revised Proposal

Figure 15: Night parrot pre-clearance survey area

Figure 16: Area to be surveyed for northern quoll

Figure 17: Pre-clearance priority flora survey areas

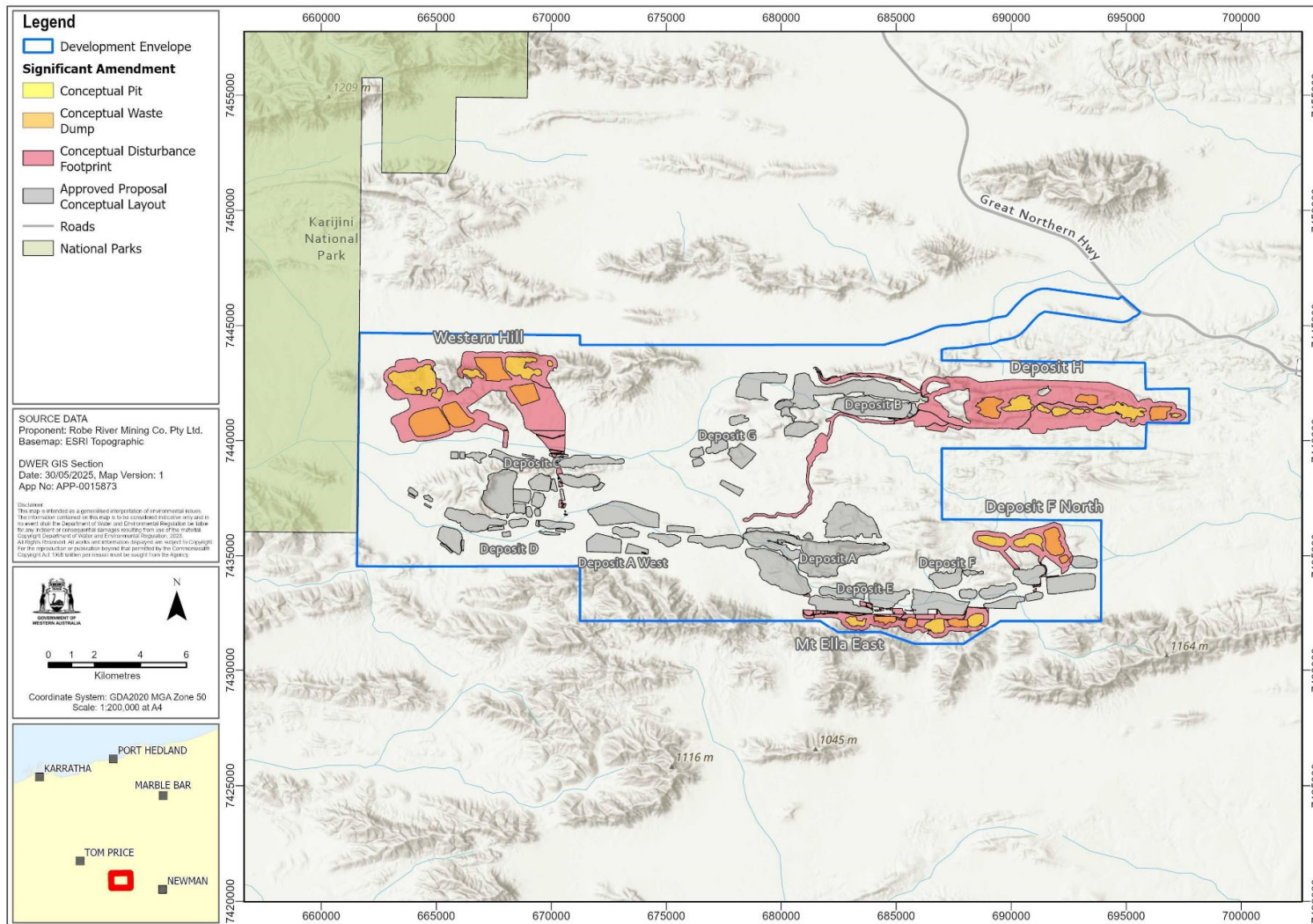


Figure 1: West Angelas Revised Proposal - significant amendment

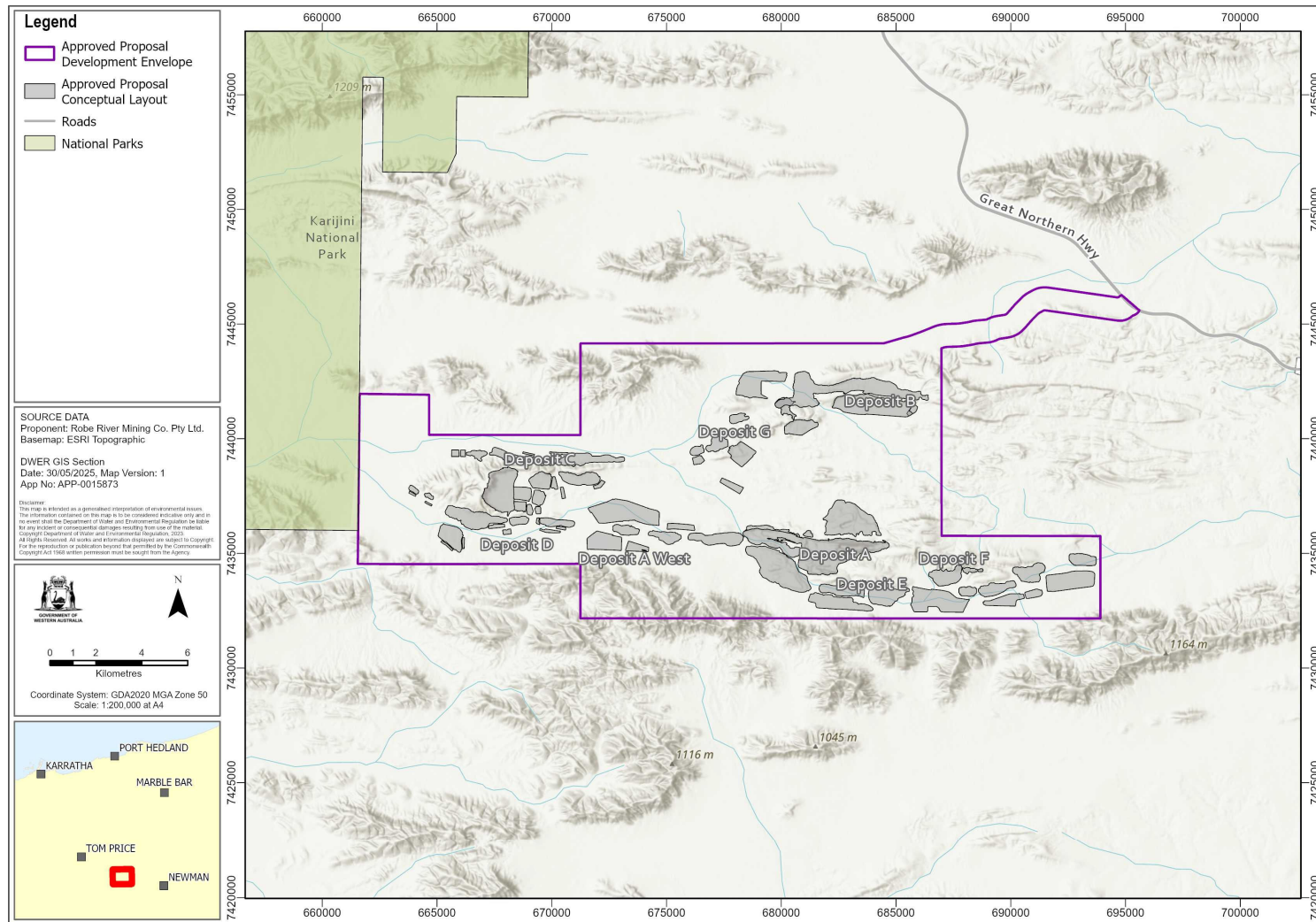


Figure 2: West Angelas – approved proposals

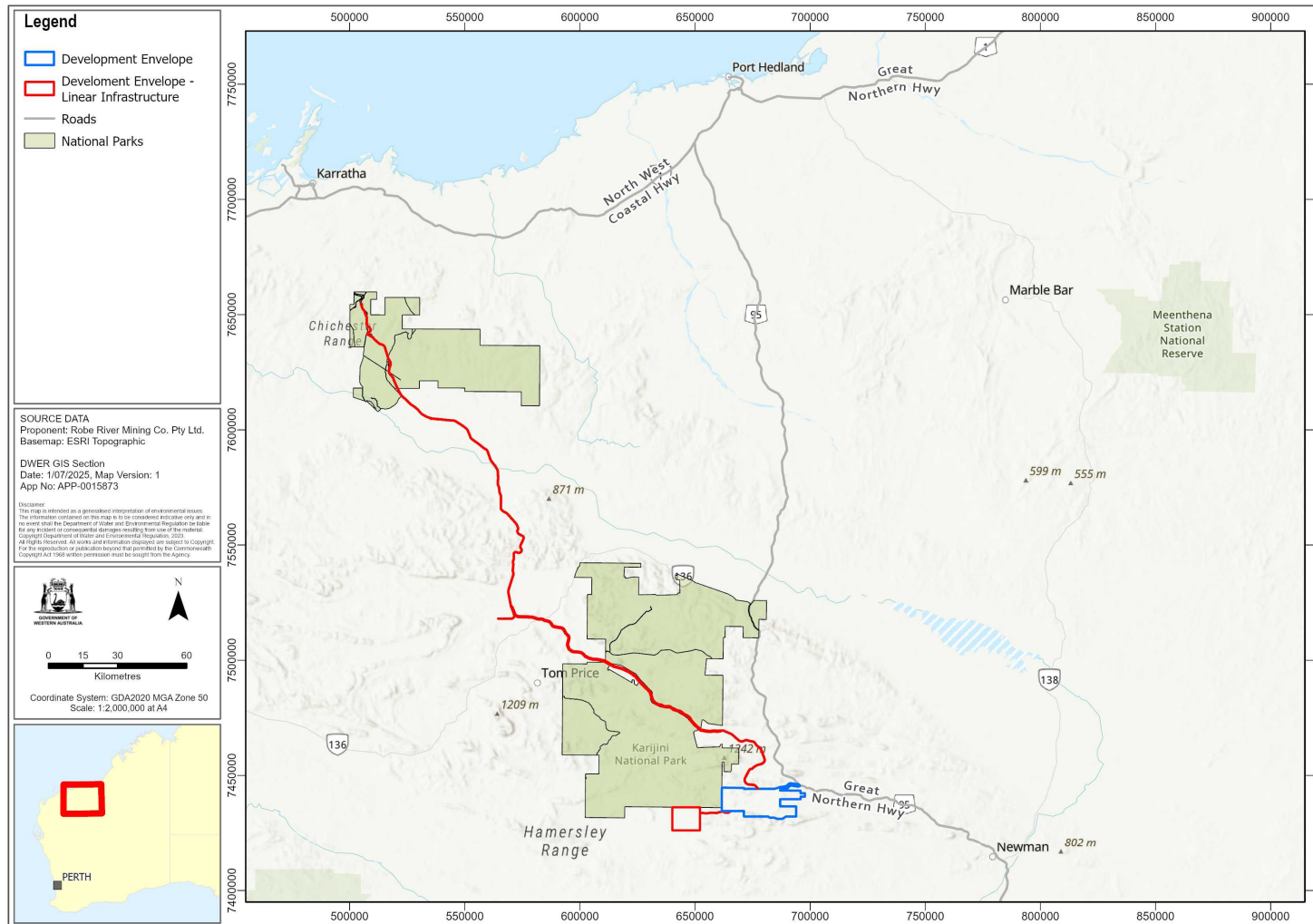


Figure 3: Linear infrastructure development envelope

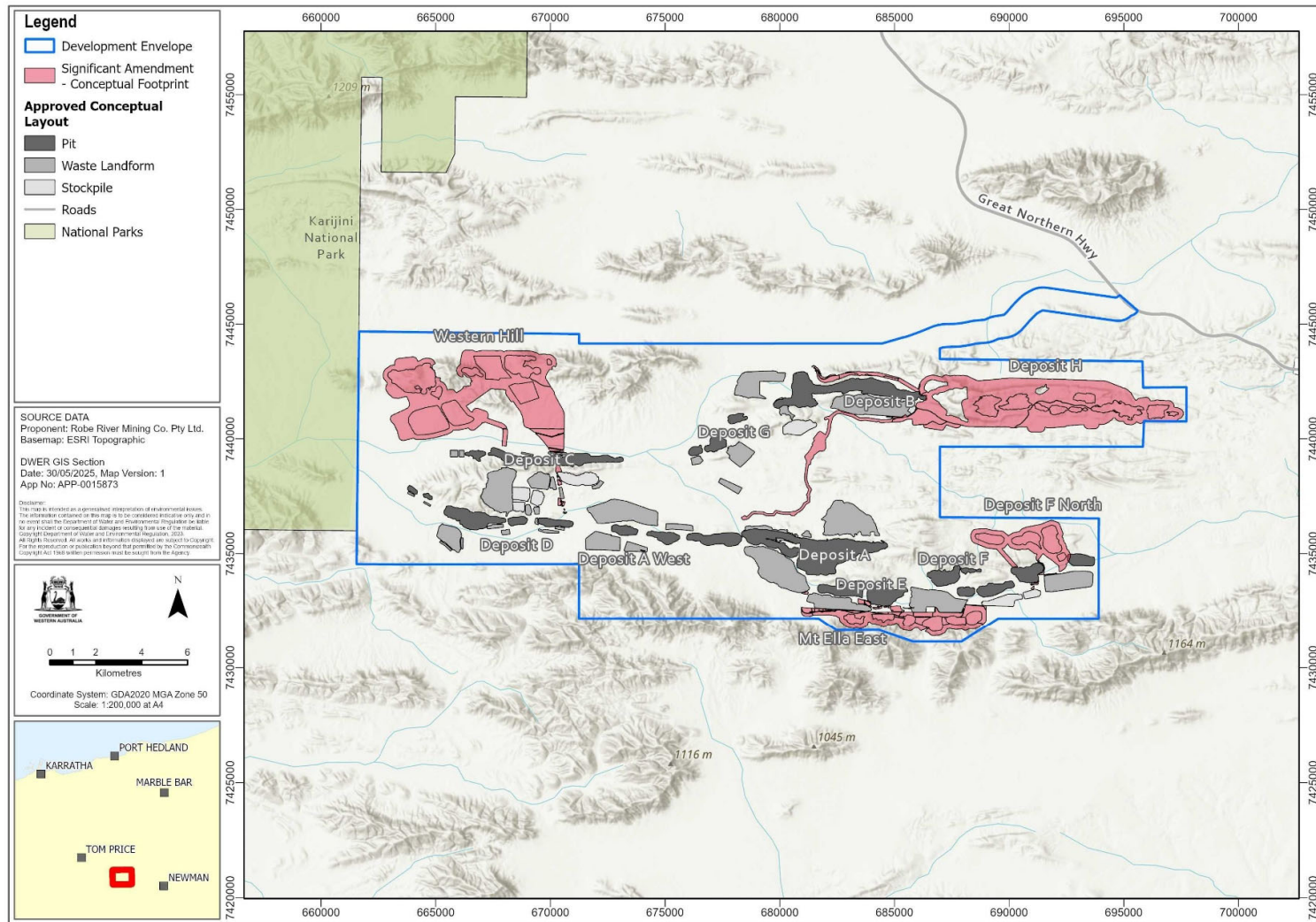


Figure 4: West Angelas Revised Proposal Assessment area

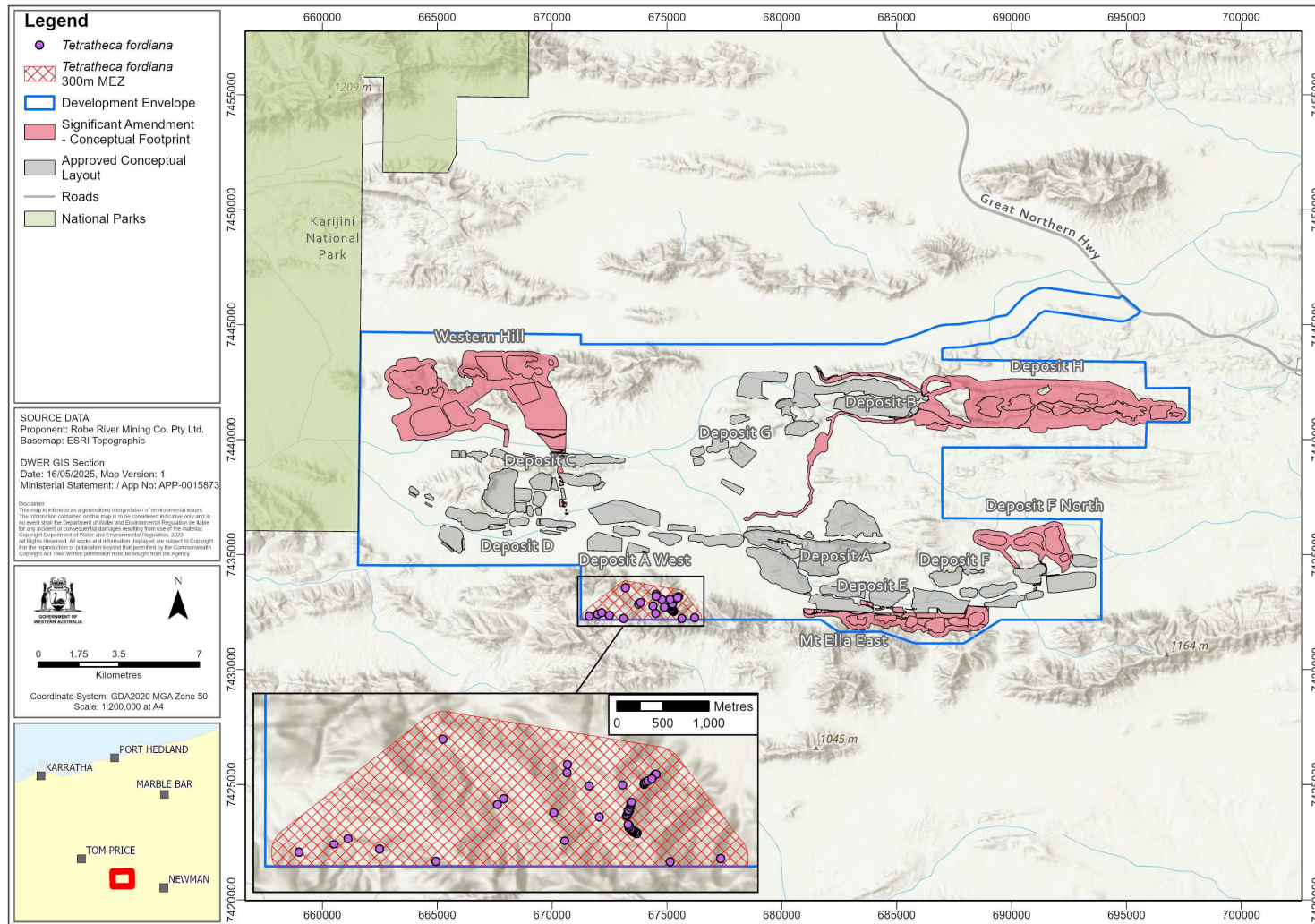


Figure 5: *Tetratheca fordiana* and related Mining Exclusion Zone

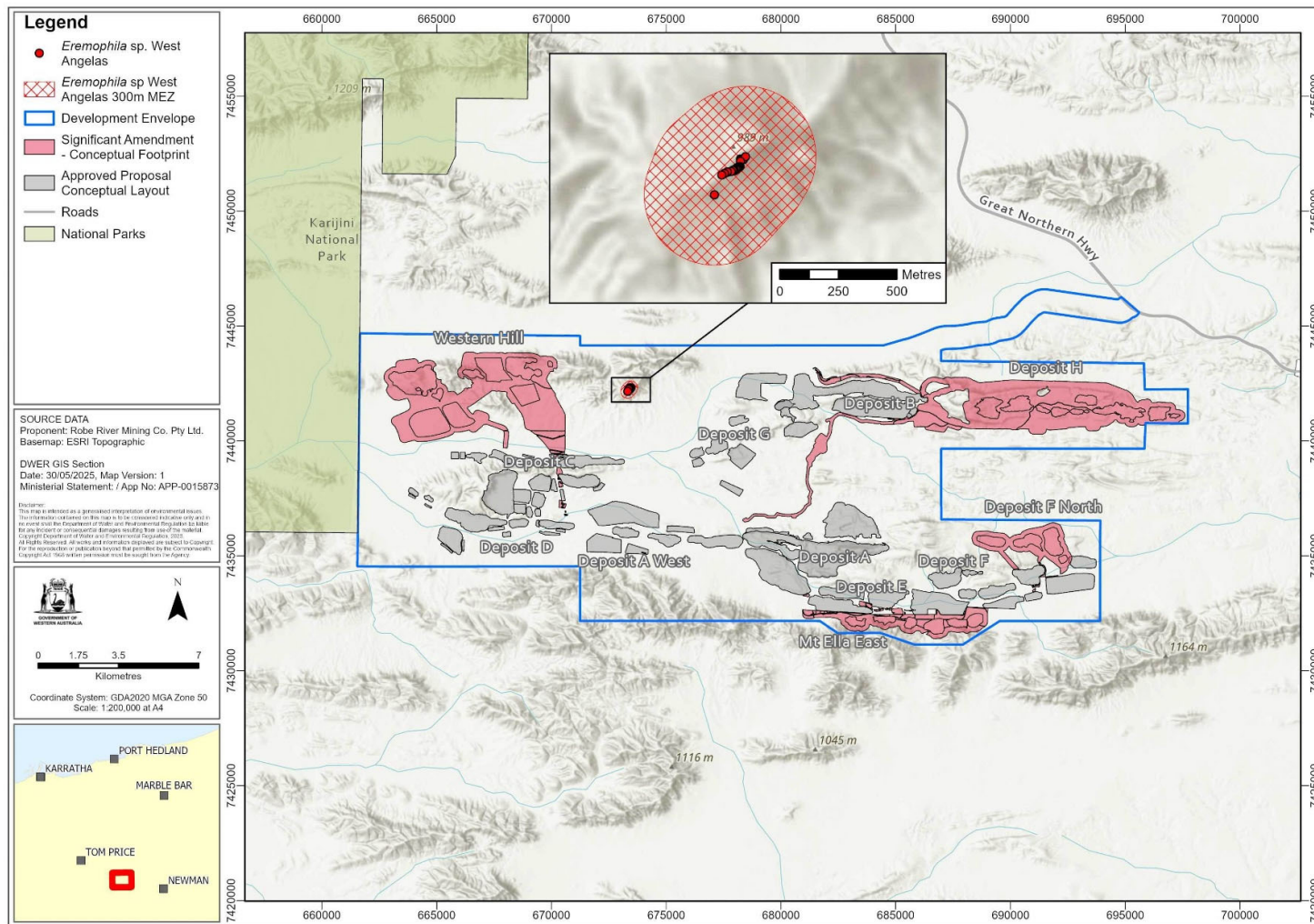


Figure 6: *Eremophila* sp. West Angelas (S. van Leeuwen 4068) (P2) and related Mining Exclusion Zone

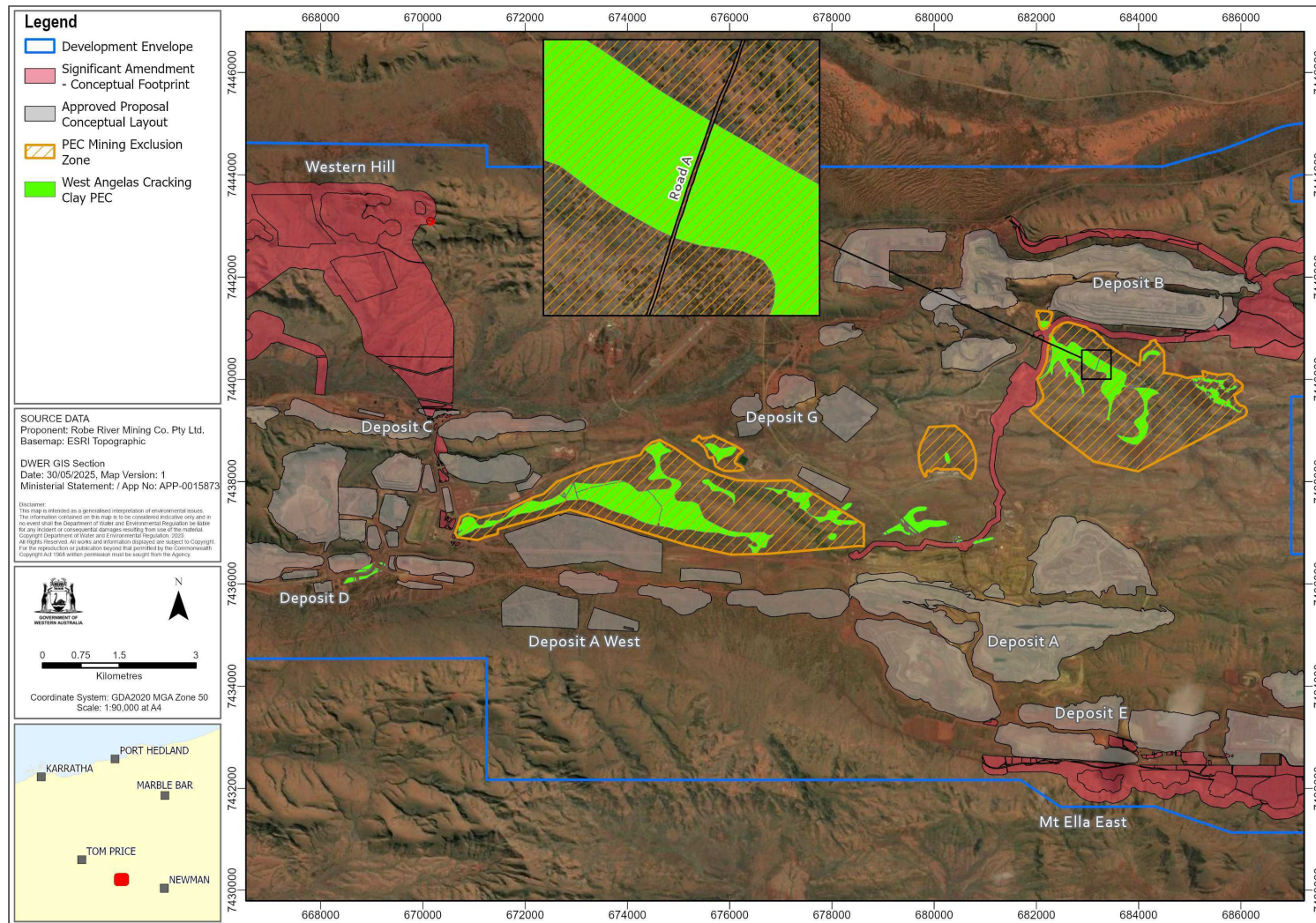


Figure 7A: West Angelas Cracking-Clays Priority Ecological Community Mining Exclusion Zone.

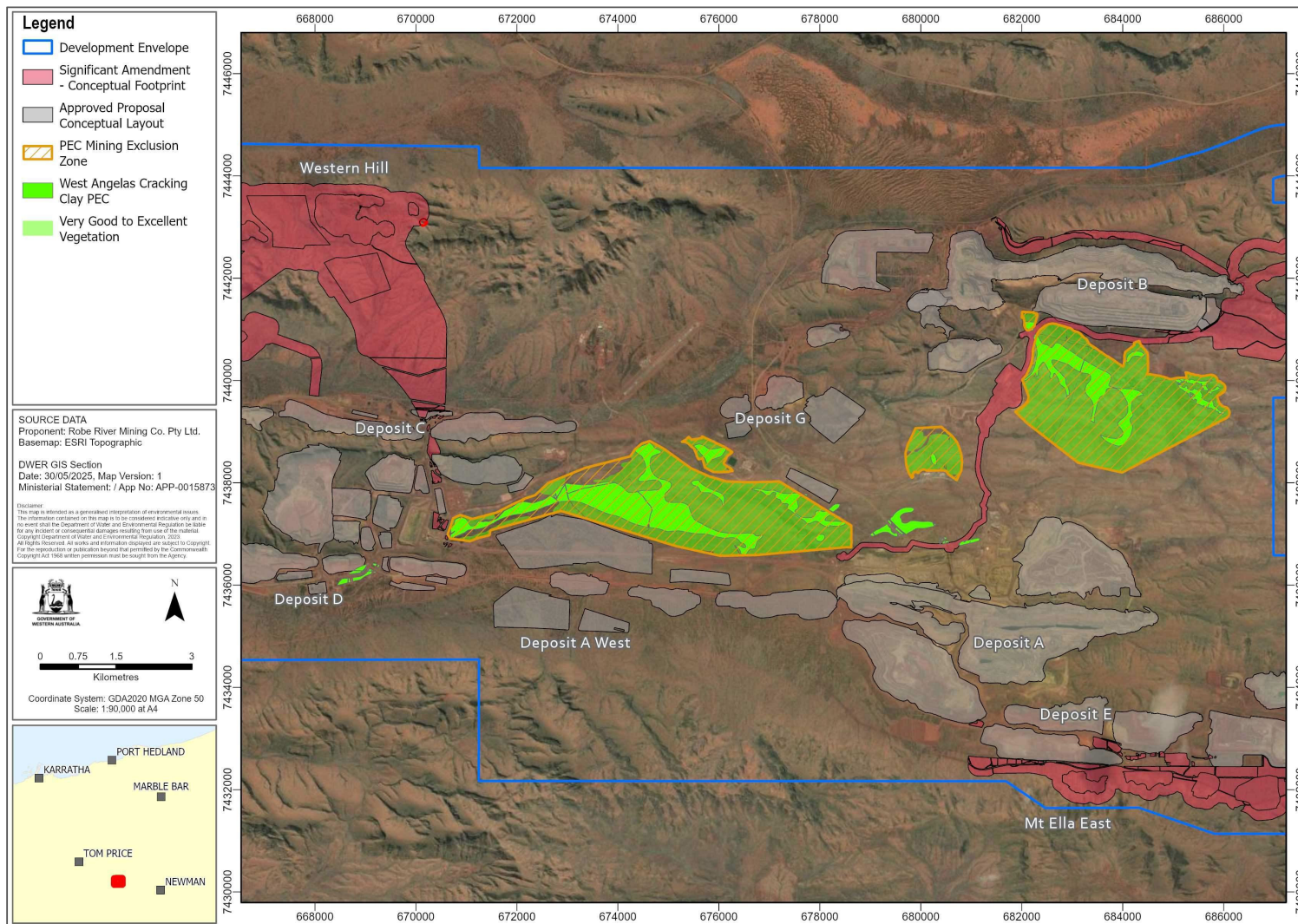


Figure 7B: Vegetation condition mapped within the West Angelas Cracking-Clays PEC Mining Exclusion Zone

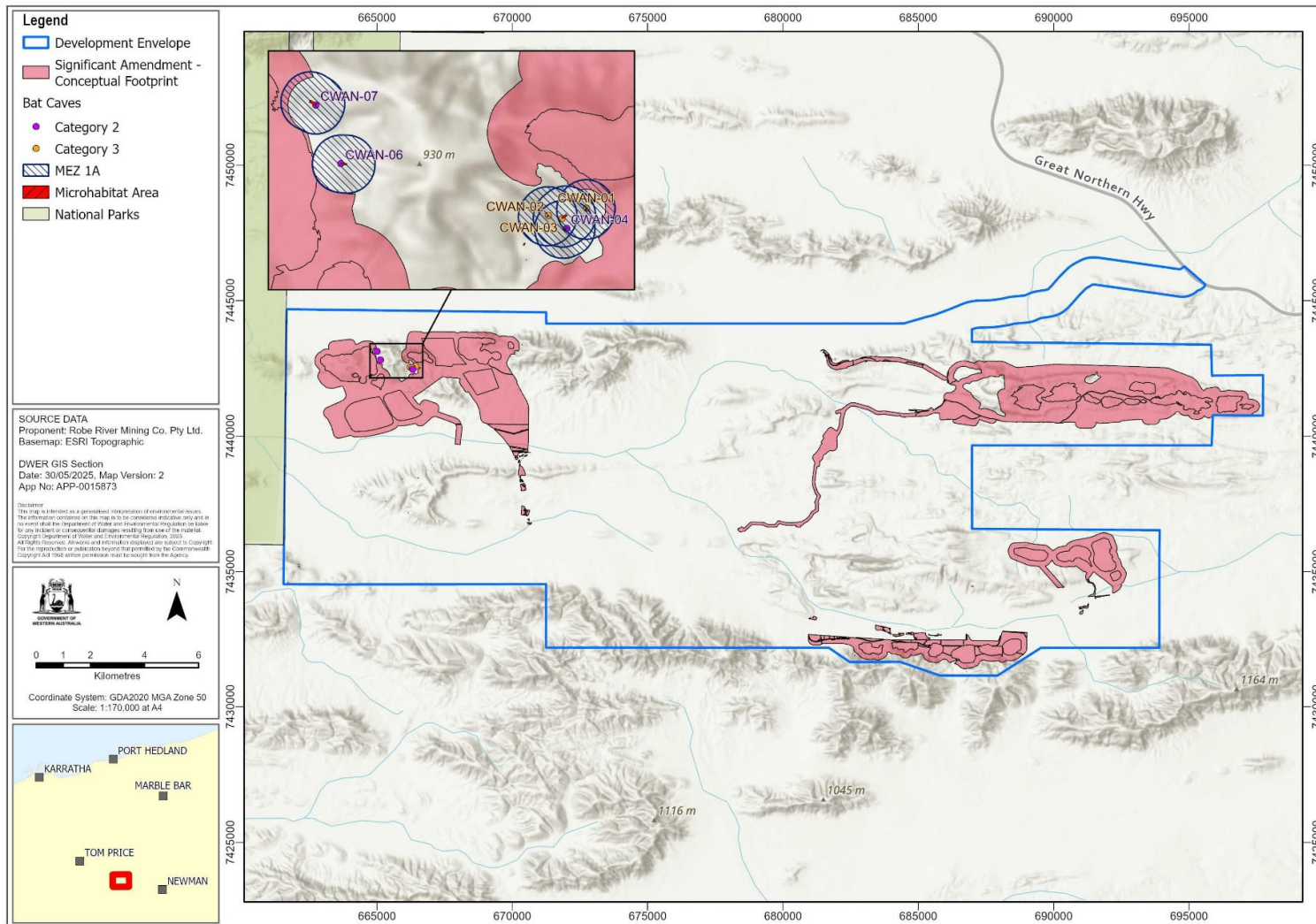


Figure 8A: Mining Exclusion Zone 1A

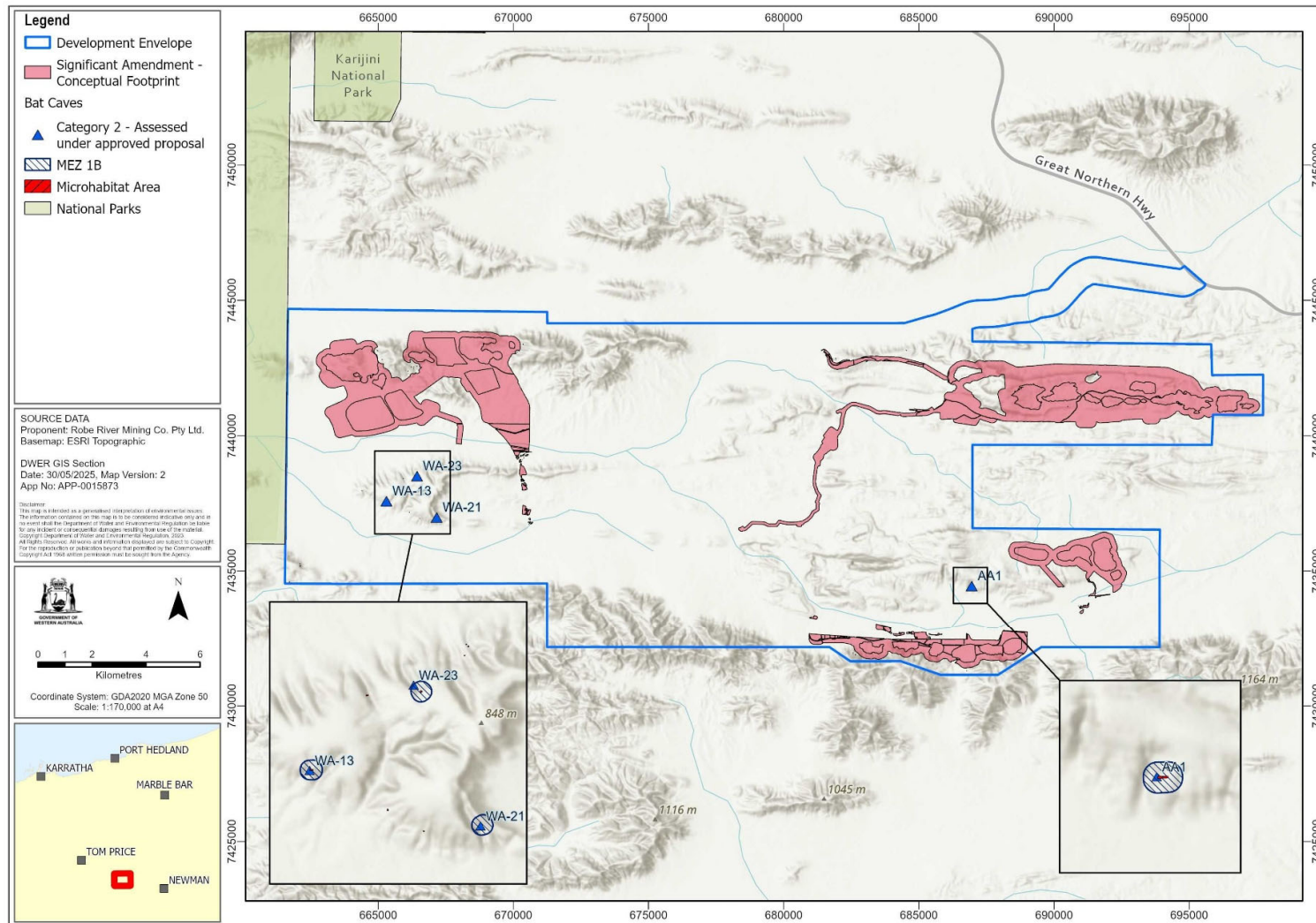


Figure 8B: Mining Exclusion Zone 1B

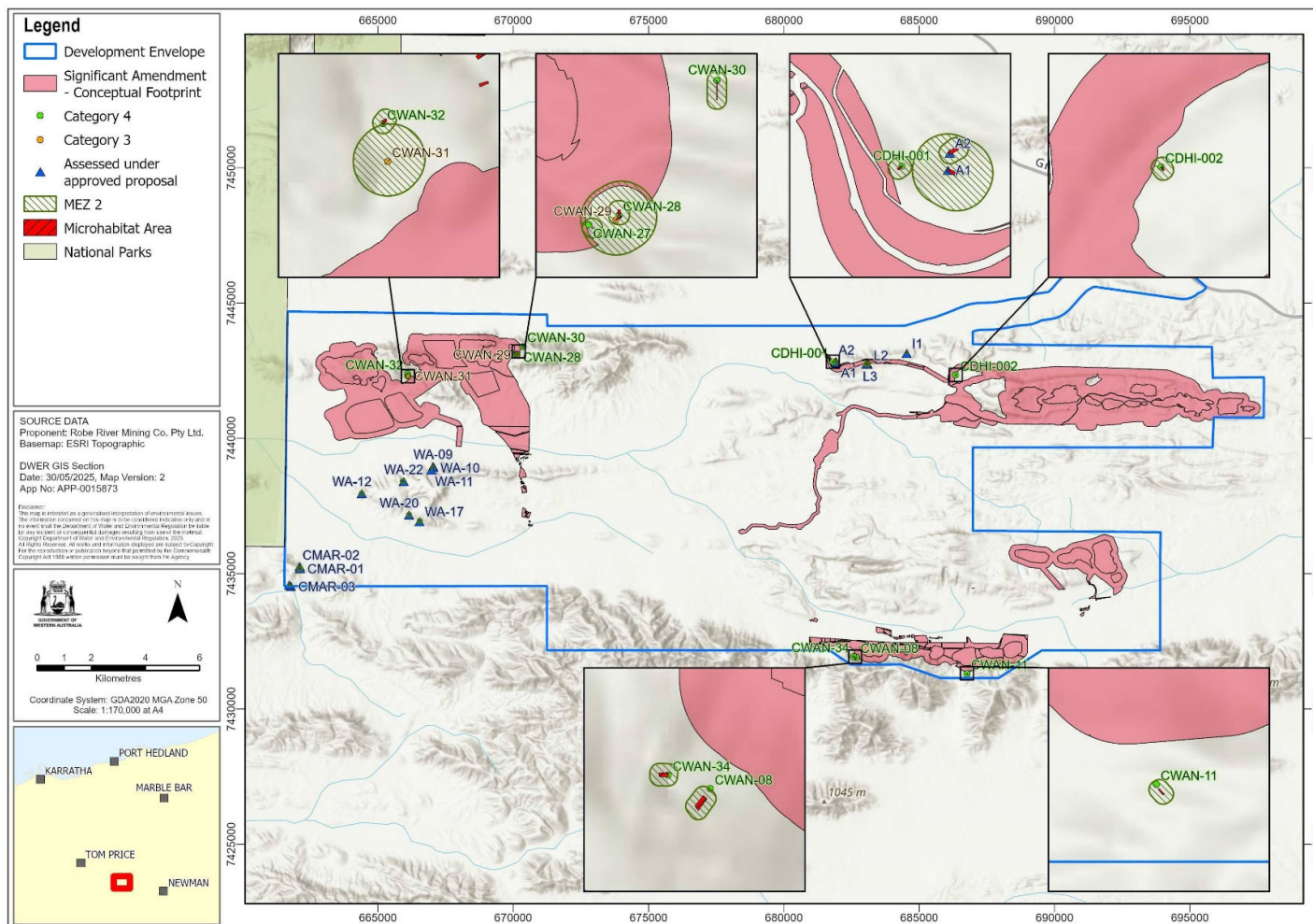


Figure 9: Mining Exclusion Zone 2 and other ghost bat roosts

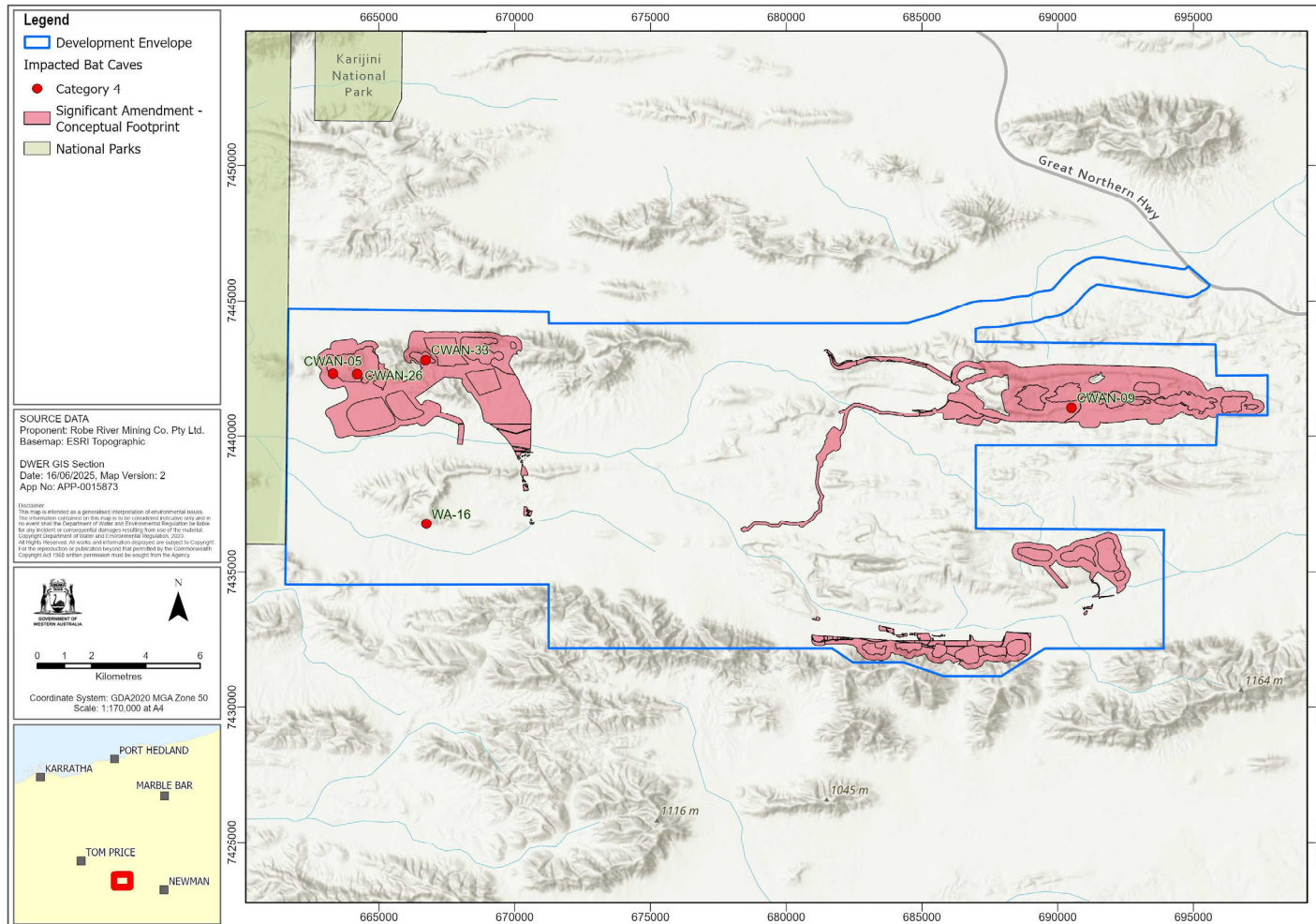


Figure 10: Impacted ghost bat caves within the development envelope

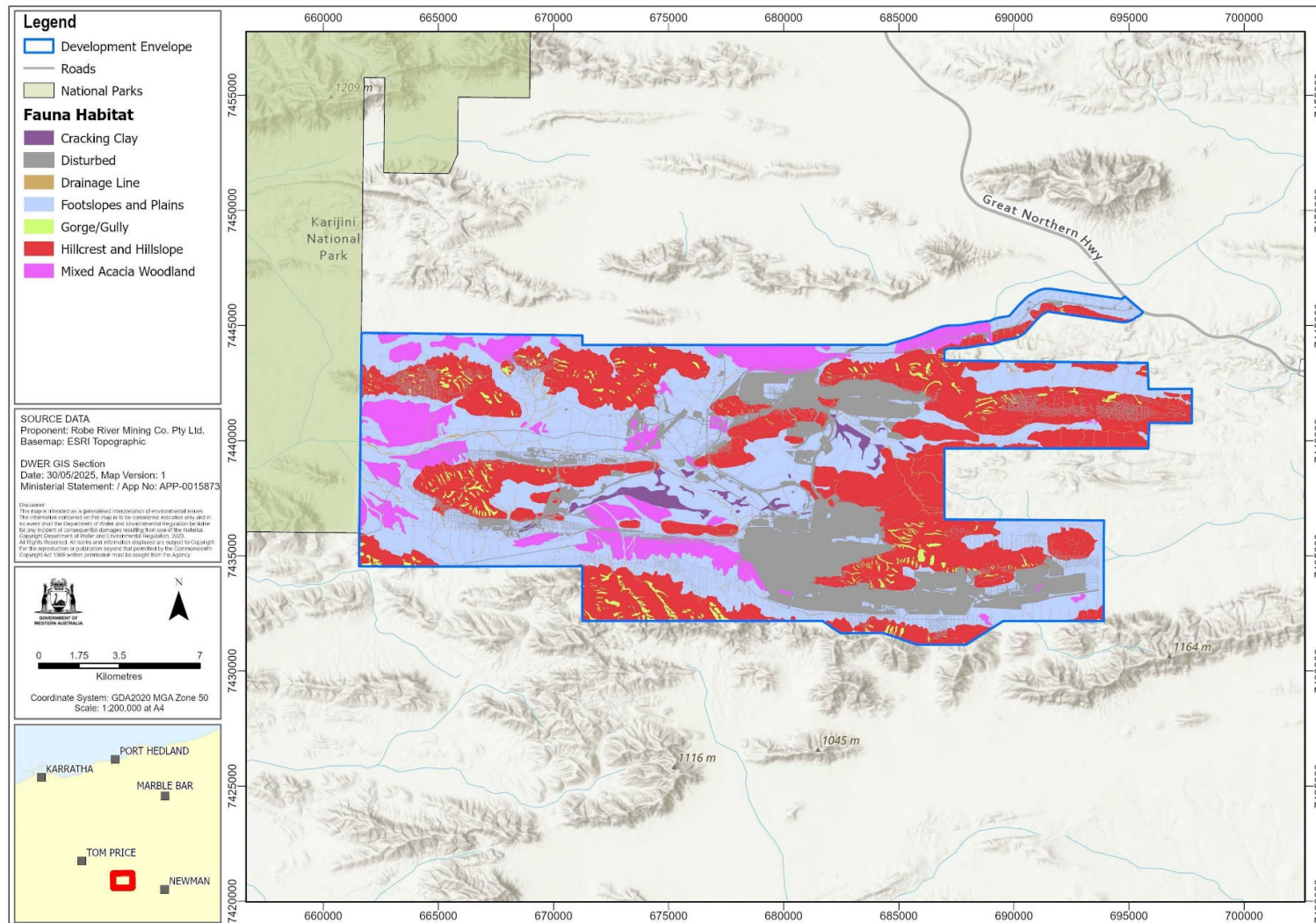


Figure 11: Fauna habitats within the development envelope

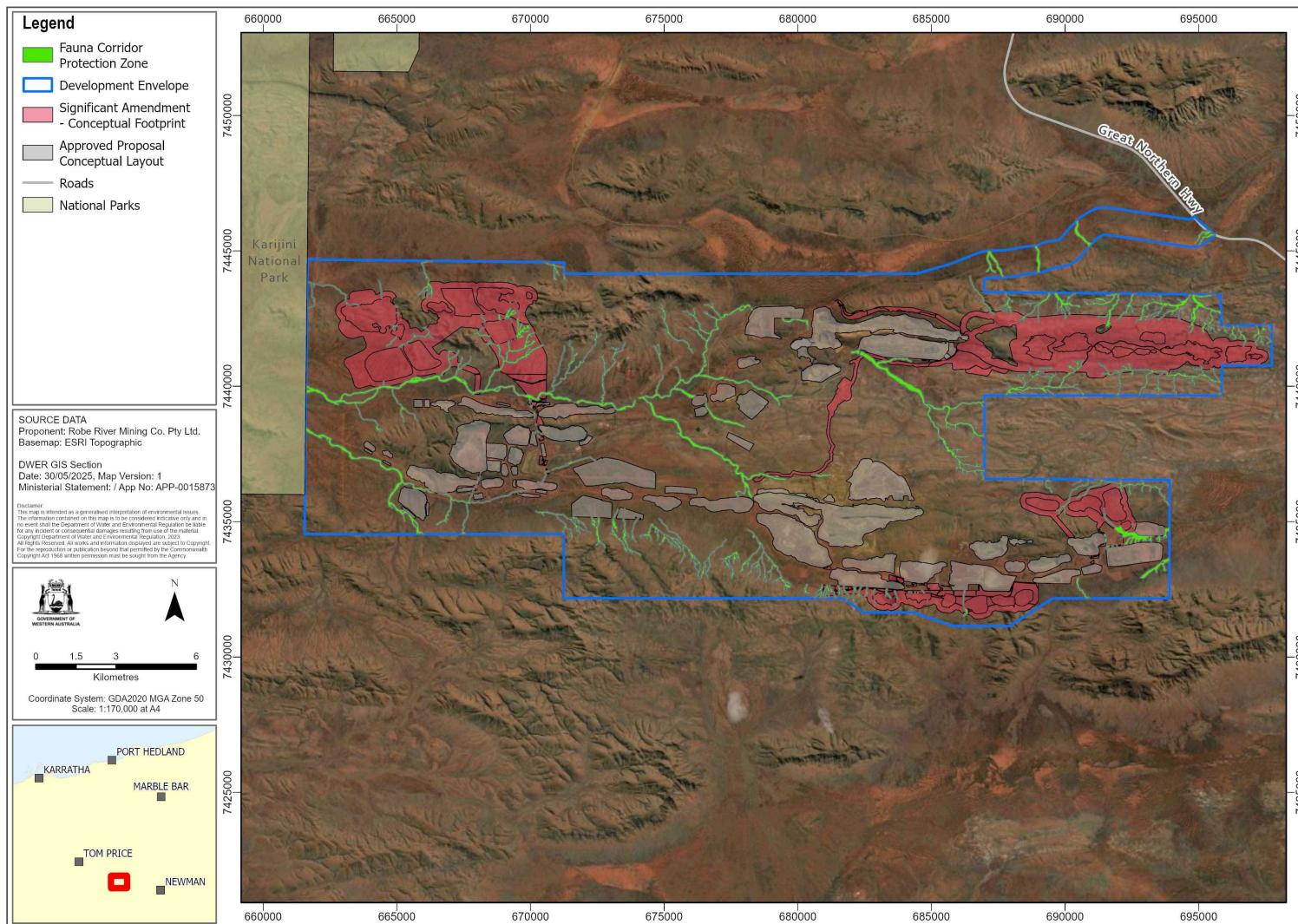


Figure 12: Fauna Corridor Protection Zone

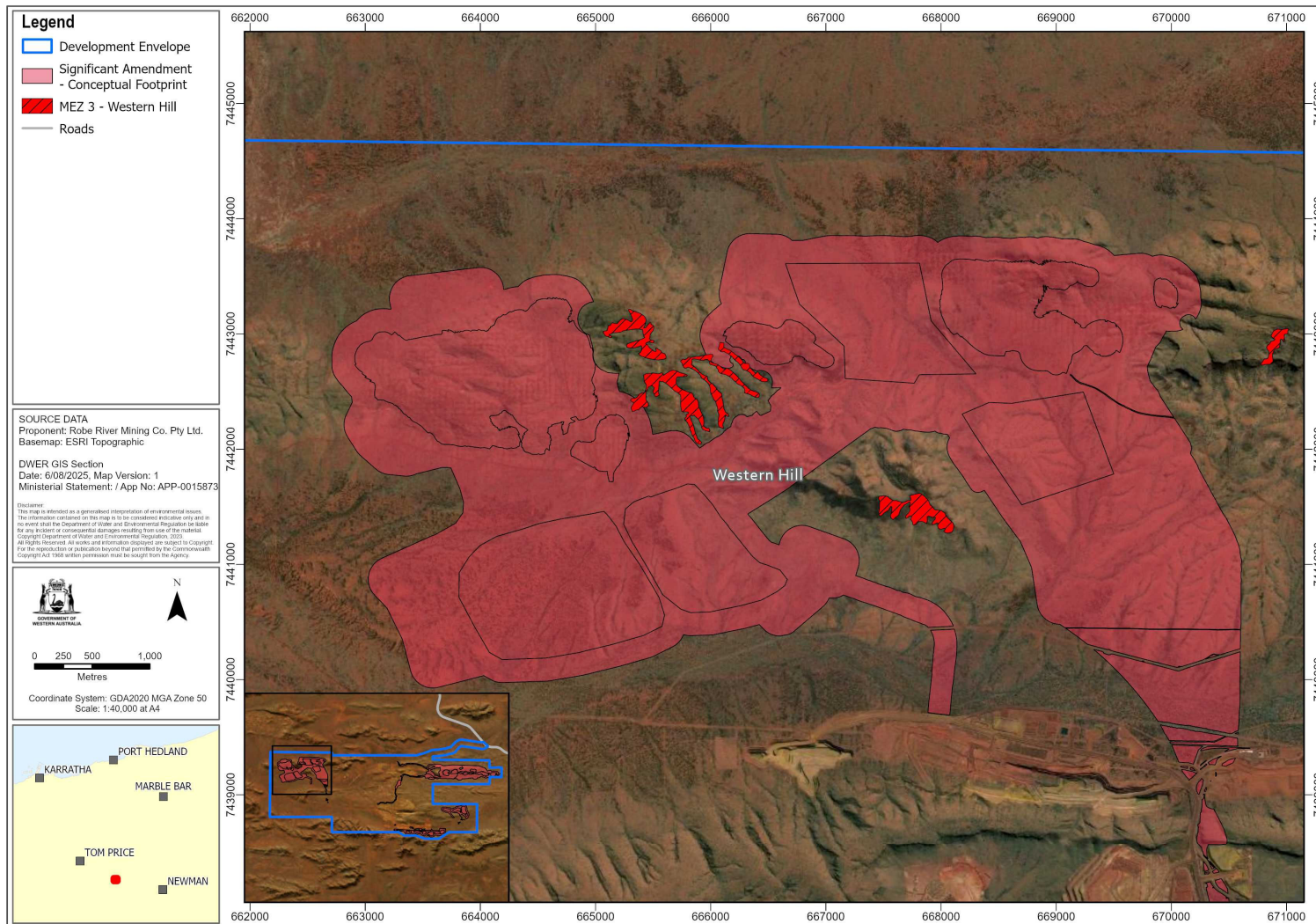


Figure 13A: Short-range Endemic Mining Exclusion Zone 3 in Western Hill

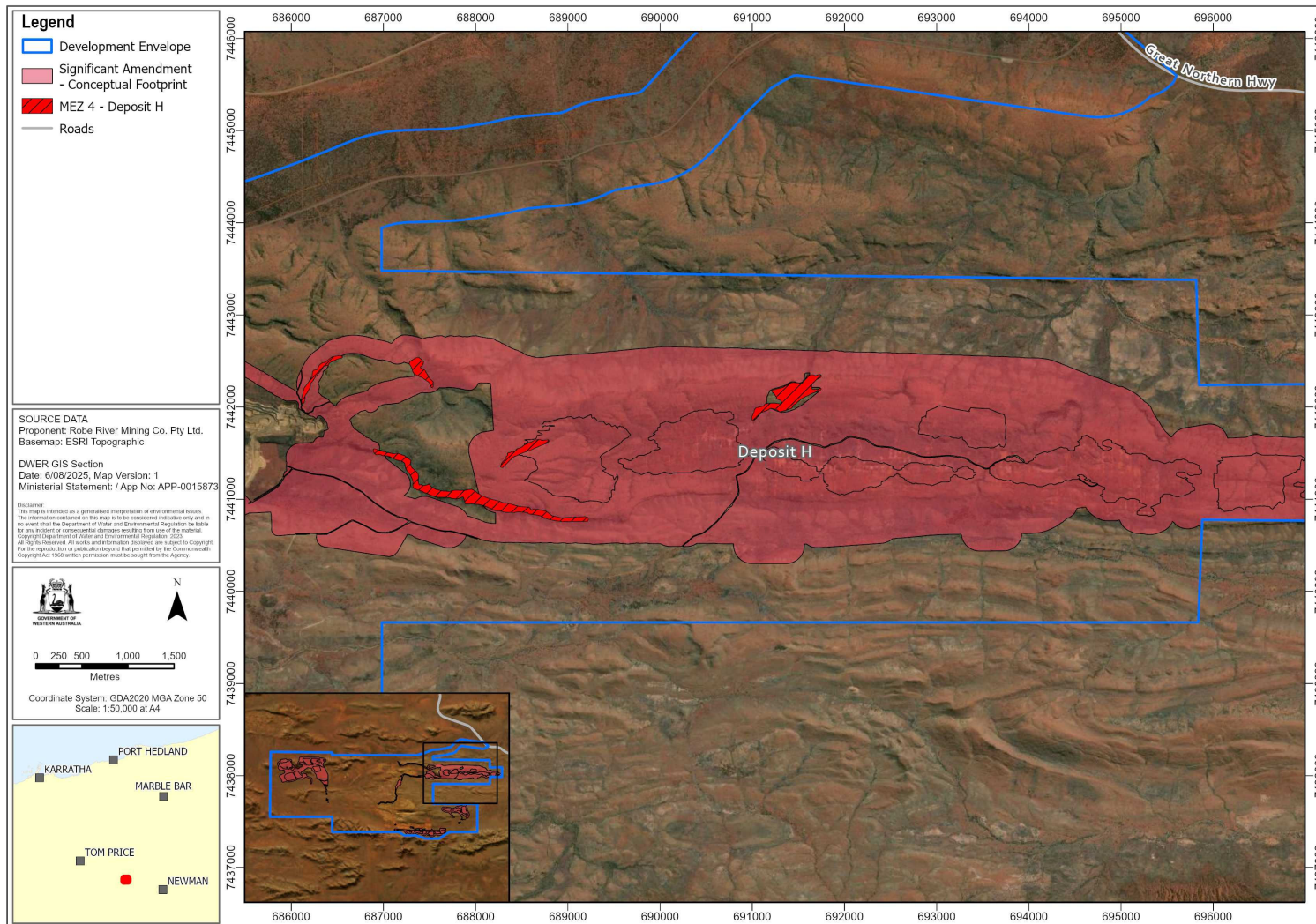


Figure 13B: Short-range Endemic Mining Exclusion Zone 4 in Deposit H

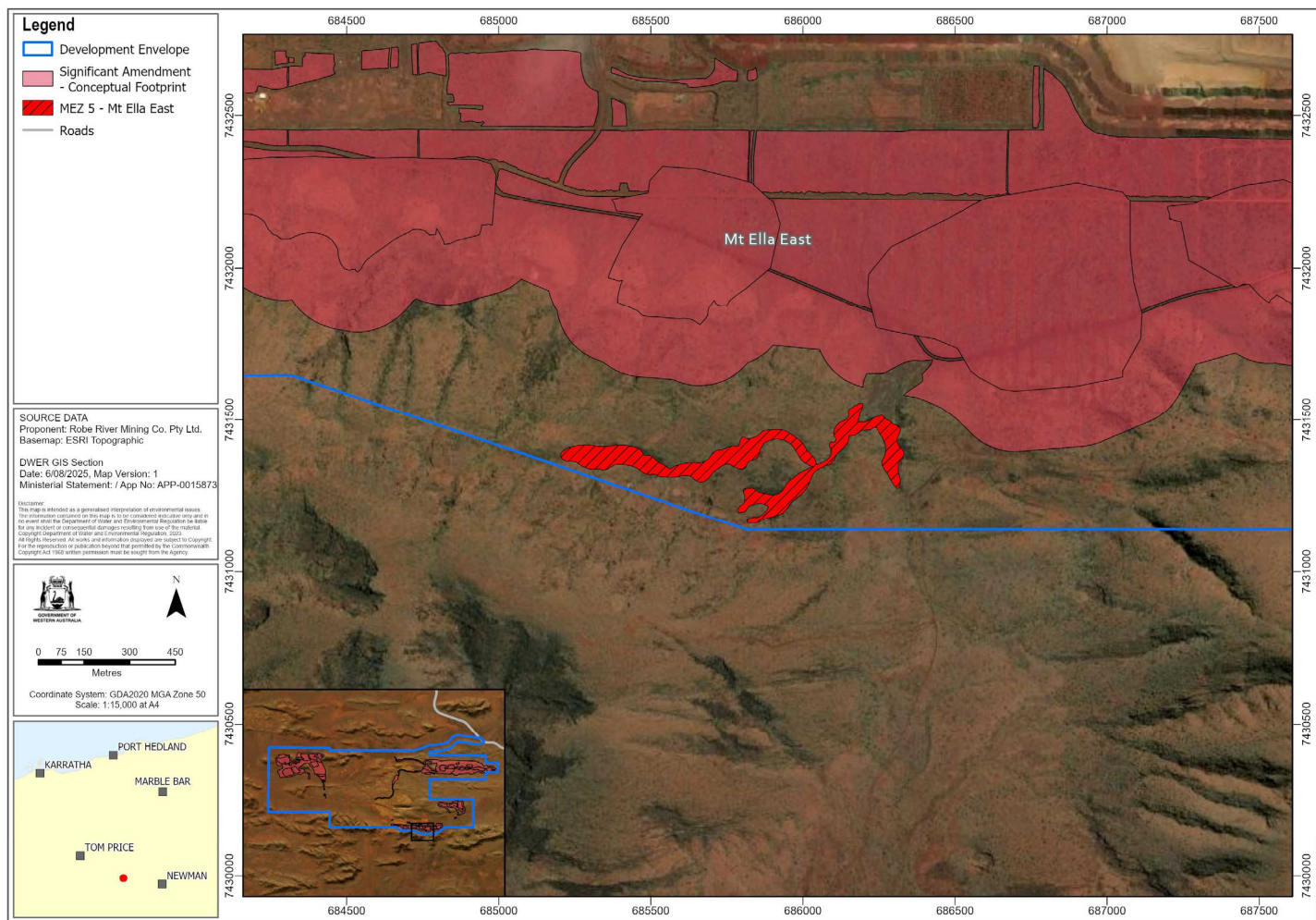


Figure 13C: Short-range Endemic Mining Exclusion Zone 5 within Mt Ella East

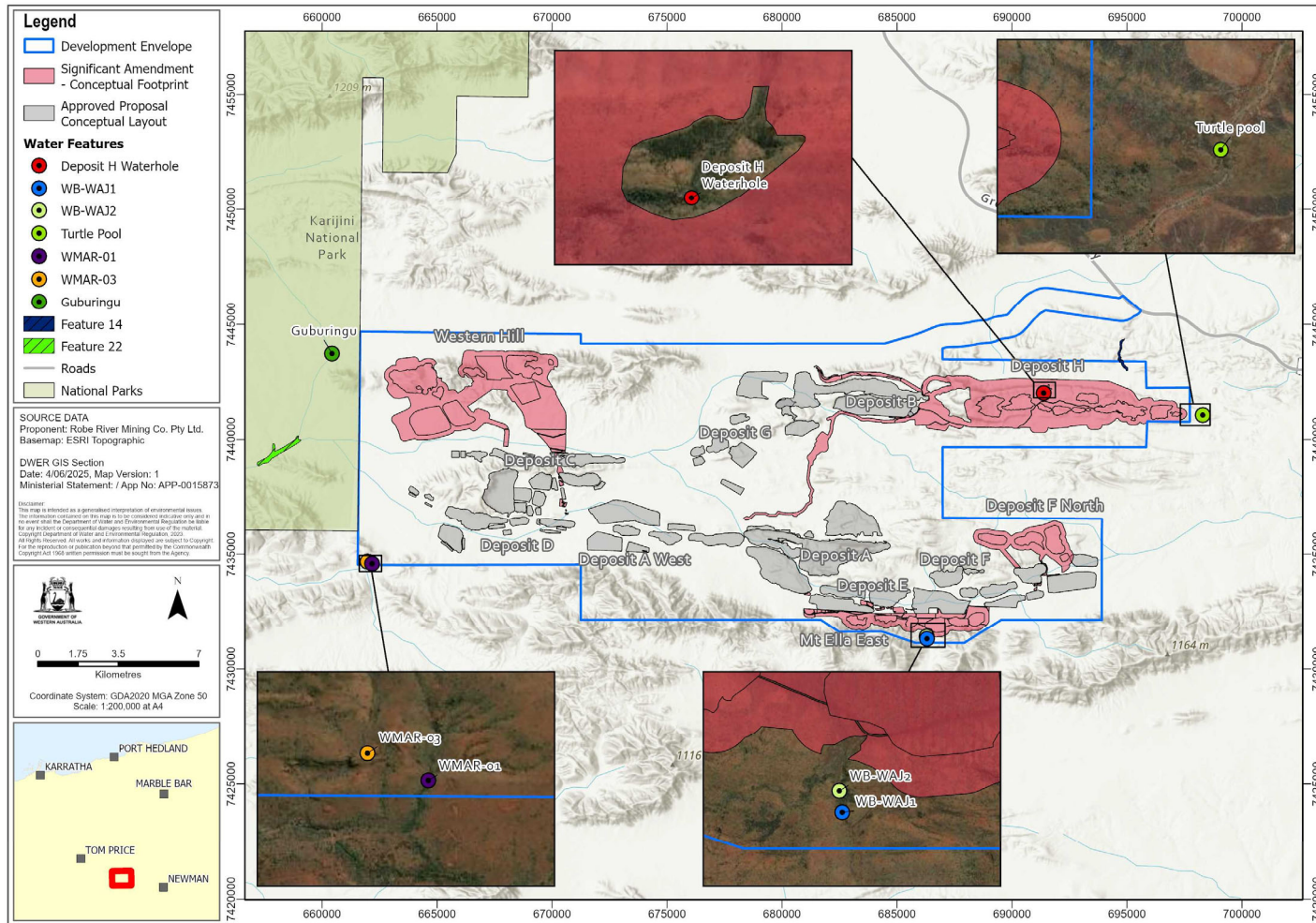


Figure 14: Surface water features within and adjacent to the West Angelas Revised Proposal

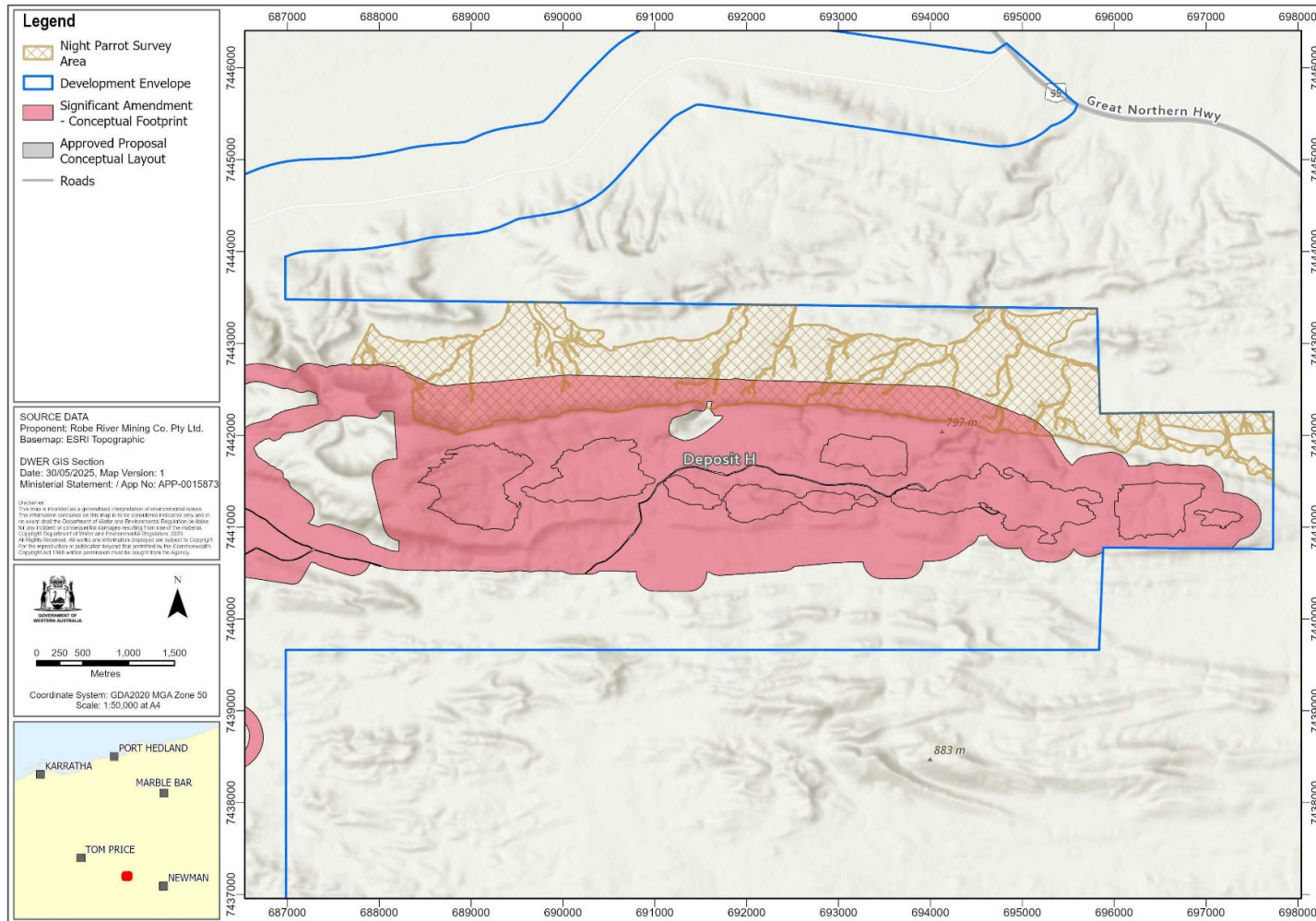


Figure 15: Night parrot targeted survey area

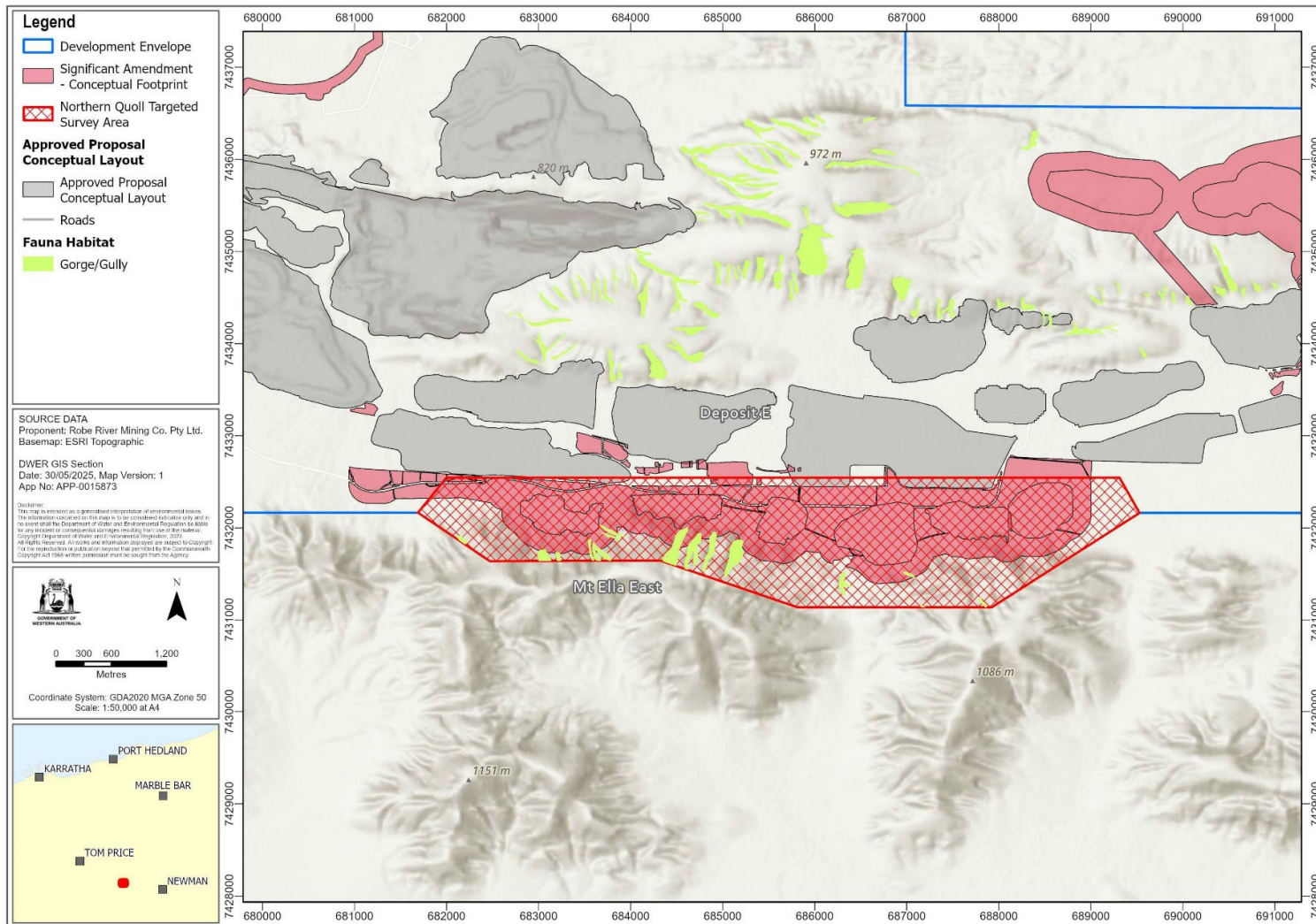


Figure 16: Area to be surveyed for northern quoll

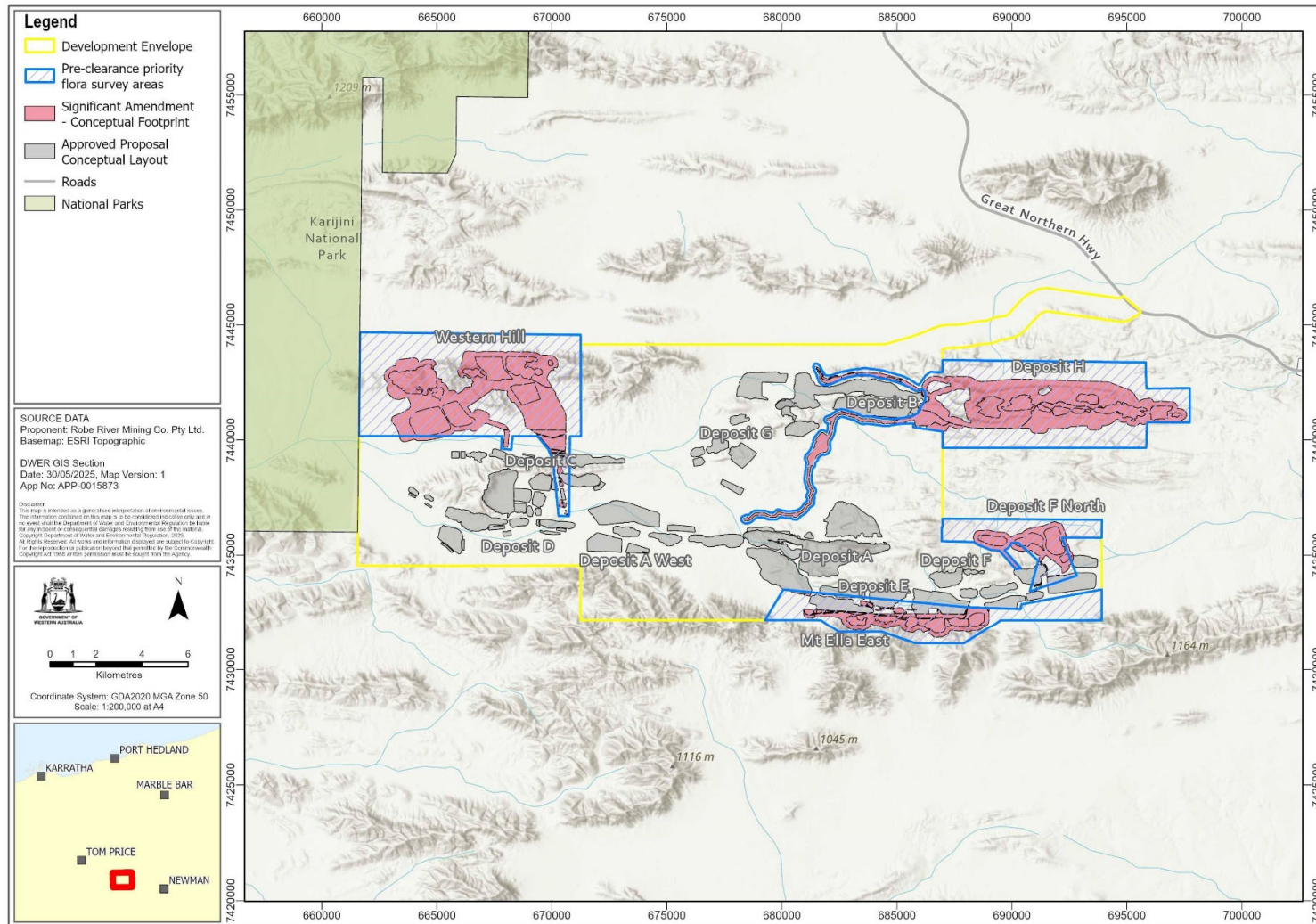


Figure 17: Pre-clearance priority flora survey areas

Schedule 1

All co-ordinates are in metres, listed in Map Grid of Australia Zone 50 (MGA Zone 50), datum of Geocentric Datum of Australia 2020 (GDA2020).

Spatial data depicting the figures are held by the Department of Water and Environmental Regulation.

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