

Infrastructure Approval

Section 5.19 of the *Environmental Planning and Assessment Act 1979*

I grant approval to the application referred to in Schedule 1, subject to the conditions specified in Schedule 2.

These conditions are required to:

- prevent, minimise, or offset adverse environmental impacts;
- set standards and performance measures for acceptable environmental performance;
- require regular monitoring and reporting; and
- provide for the ongoing environmental management of the development.



Minister for Planning and Public Spaces

Sydney

27 July

2026

SCHEDULE 1

Application Number:	SSI-70610456
Proponent:	Energy Corporation of NSW
Approval Authority:	Minister for Planning and Public Spaces
Land:	Land in the Muswellbrook, Singleton, Cessnock, the Central Coast, and the City of Lake Macquarie LGAs, as shown on the development layout plans
Development:	Hunter Transmission Project
Critical State Significant Infrastructure	Development for the Hunter Transmission Project as described in Section 30 of Schedule 5 of <i>State Environmental Planning Policy (Planning Systems) 2021</i> .

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DEFINITIONS

Aboriginal cultural heritage	An Aboriginal object or an Aboriginal place, that is listed under the <i>National Parks and Wildlife Act 1974</i>
Aboriginal Stakeholders	Registered Aboriginal Parties (RAPs) from the EIS
Ancillary facility	A temporary facility for the construction of the development including an office, accommodation camp, amenities compound, construction compound, material crushing and screening plant, materials storage compound, maintenance workshop, testing laboratory, material stockpile area, tensioning and pulling sites for conductor and earth wire stringing, crane pads, site compounds, equipment laydown areas and car parking facilities
AS	Australian Standard
BAM	Biodiversity Assessment Method (2020)
BC Act	<i>Biodiversity Conservation Act 2016</i>
BDAR	Biodiversity Development Assessment Report for the Hunter Transmission Line Project dated 15 May 2026
CPHR	Conservation, Programs, Heritage and Regulation Group within DCCEEW
Conditions of this approval	Conditions contained in Schedules 1 to 2 inclusive
Construction	All physical work to enable operation, including but not limited to the construction of transmission infrastructure and ancillary facilities, decommissioning of ancillary facilities and rehabilitation, but excluding pre-construction minor works and road upgrades
Councils	Muswellbrook Shire Council, Singleton Council, Cessnock City Council, Central Coast Council, Lake Macquarie City Council
CSSI	The Critical State Significant Infrastructure, as described in Schedule 1, the carrying out of which is approved under the terms of this approval
DCCEEW	NSW Department of Climate Change, Energy, the Environment and Water
DECC	Former NSW Department of Environment and Climate Change
Demolition	The deconstruction and removal of buildings, sheds and other structures on the site
Department	NSW Department of Planning, Housing and Infrastructure
Development	The development as generally described in the EIS as modified by the conditions of this approval
Development area	The area subject to disturbance and/or development, as shown on the development layout plans and depicted as the construction impact area in the EIS
Development layout	The area of the development as depicted on Figure 1 to Figure 19 in Appendix 1
Disturbance Area B	As defined in the BDAR
EIS	The Environmental Impact Statement titled <i>Hunter Transmission Project Environmental Impact Statement</i> prepared by Energy Corporation of NSW dated 6 August 2025, including the Proponent's: Amendment Report, dated February 2026;

	• Submissions Report, dated February 2026; • Biodiversity Development Assessment Report dated 15 May 2026; and • Additional information dated 18 June 2026.
EMF	Electric and magnetic fields
Environment	Includes all aspects of the surroundings of humans, whether affecting any human as an individual or in his/her/their social groupings
Environmental Heritage	Has the same meaning as the definition of the term in Section 4 of the <i>Heritage Act 1977</i>
Environmental management documents	Any strategy, study, system, plan, program, review, audit, notification, or report required by the conditions of this approval
EPA	NSW Environment Protection Authority
EP&A Act	<i>Environmental Planning and Assessment Act 1979</i>
EPBC Act	<i>Environment Protection and Biodiversity Conservation Act 1999</i> (Commonwealth)
EPL	Environment Protection Licence issued under the POEO Act
ER	The Environmental Representative(s) for the development approved by the Planning Secretary
FCNSW	Forestry Corporation of NSW
FRNSW	Fire and Rescue NSW
Feasible	Means what is possible and practical in the circumstances
Harm	The same meaning as in the <i>National Parks and Wildlife Act 1974</i> (NSW)
Heavy Vehicle	As defined by the Heavy Vehicle National Regulator under the Heavy Vehicle National Law
Heritage item	A place, building, work, relic, moveable object or precinct of heritage significance, that is listed under one or more of: the State Heritage Register under the <i>Heritage Act 1977</i> , a state agency heritage and conservation register under section 170 of the <i>Heritage Act 1977</i> , a Local Environmental Plan under the EP&A Act, or anything identified as an environmental heritage item under the conditions of this approval
Heritage NSW	Heritage Division within NSW DCCEEW
High Risk Heavy Vehicle Requiring Escort	A vehicle under escort identified “high risk” as defined in Table 1 of TfNSW’s Fact Sheet for Transport Management Plan (as amended)
Highly noise affected	As defined in the <i>Interim Construction Noise Guideline (DECC, 2009)</i>
Incident	An occurrence or set of circumstances that causes, or threatens to cause material harm and which may or may not be or cause a non-compliance. Note: “material harm” is defined in this approval.
Land	As defined in section 1.4 of the EP&A Act, except for where the term is used in the noise and air quality conditions in Schedule 2 of this approval where it is defined to mean the whole of a lot, or contiguous lots owned by the same landowner, in a current plan registered at the NSW Land Registry Services Office at the date of this approval
Landowner	Has the same meaning as “owner” in the <i>Local Government Act 1993</i> and in relation to a building means the owner of the building

Material harm	Is harm that: - involves actual or potential harm to the health or safety of human beings or to the environment that is not trivial, or - results in actual or potential loss or property damage of an amount, or amounts in aggregate, exceeding \$50,000, (such loss includes the reasonable costs and expenses that would be incurred in taking all reasonable and practicable measures to prevent, mitigate or make good harm to the environment). This definition excludes “harm” that is authorised under either this approval or any other statutory approval
Maximise	Implement all reasonable and feasible mitigation measures to achieve the specified outcome
Minimise	Implement all reasonable and feasible mitigation measures to reduce the impacts of the development
Minister	NSW Minister for Planning and Public Spaces, or delegate
Negligible	Small and unimportant, such as to be not worth considering
Non-compliance	An occurrence, set of circumstances or development that is a breach of this approval
NPfI	<i>Noise Policy for Industry 2017</i> (EPA)
NPWS	National Parks and Wildlife Service
NSW	New South Wales
NSW Planning Portal	As defined by the EP&A Act
Operation	The carrying out of the approved purpose of the development upon completion of construction, but does not include commissioning trials of equipment or use of temporary facilities. Note: There may be overlap between the carrying out of construction and operation if the phases of the development are staged. Commissioning trials of equipment and temporary use of any part of the development are within the definition of construction.
Partial Clearing	Clearing of vegetation in Disturbance Area B where vegetation exceeds a height of 2 metres. Vegetation with a mature growth height less than 2 metres can remain
Planning Secretary	Planning Secretary under the EP&A Act, or nominee
Pre-construction minor works	Includes: - the following activities: - property surveys; - building and road dilapidation surveys; - investigative drilling, contamination investigations, excavation or salvage; - installation of environmental impact mitigation measures, fencing, and monitoring equipment; - installation of property fencing and security gates; - archaeological testing under the <i>Code of practice for archaeological investigation of Aboriginal objects in NSW</i> (DECCW, 2010) or

	archaeological monitoring; g. archaeological and cultural salvage undertaken in accordance with a strategy or salvage operation required by the conditions of this approval; h. maintenance of existing buildings and structures required to facilitate the carrying out of the development; i. other activities determined by the ER to have minor impact on the environment and the community; 2. grading of existing access roads and minor adjustments to services/utilities, etc. for the activities identified in (1) above; and 3. minor clearing or translocation of vegetation for the activities identified in (1) and (2) above that does not impact biodiversity values that require offsetting; and 4. activities that do not harm heritage items (excluding those impacted by activities 1(f) and 1(g) above). The pre-construction minor work described in this definition becomes construction following the commencement of construction. This also applies to pre-construction minor work that has already commenced.
Proponent	The person identified as such in Schedule 1 of this approval or any other person carrying out any part of the development from time to time under this approval
POEO Act	<i>Protection of the Environment Operations Act 1997</i>
Public infrastructure	Linear and related infrastructure that provides services to the general public, such as roads, railways, water supply, drainage, sewerage, gas supply, electricity, telephone, telecommunications, etc
Reasonable	Means applying judgement in arriving at a decision, taking into account: mitigation benefits, costs of mitigation versus benefits provided, community views, and the nature and extent of potential improvements
RAPs	Registered Aboriginal Parties as described in the <i>National Parks and Wildlife Regulation 2009</i>
Rehabilitation	The restoration of land disturbed by the development to a good condition, to ensure it is safe, stable and non-polluting
Residence	Existing or approved dwelling that has physically commenced construction at the date of this approval
RFS	NSW Rural Fire Service
Sensitive land use(s)	Includes residences, educational institutions, health care facilities, religious facilities, childcare centres and passive recreation areas; plus other receivers as identified by the Planning Secretary
Site	All land to which the development application applies as shown in Appendix 1
State road	Roads or portions of roads with an administrative category of “state” in the government gazette published in accordance with section 163 of the <i>Roads Act 1993</i>
TfNSW	Transport for NSW
TTIA	The Revised Traffic and Transport Impact Assessment prepared by SCT Consulting dated 17 February 2026, and including the Proponent’s additional information dated 18 June 2026
Watercourse	A river, creek or other stream, including a stream in the form of an anabranch or

	tributary, in which water flows permanently or intermittently, regardless of the frequency of flow events. In a natural channel, whether artificially modified or not, or in an artificial channel that has changed the course of the stream. It also includes weirs, lakes and dams.
Waste	Has the same meaning as the definition of the term in the Dictionary of the POEO Act
Water Group	Water Group within NSW DCCEEW
Work	Any physical activity to construct or facilitate the construction of the development, including pre-construction minor works, road upgrades and construction, but excluding operation

SUMMARY OF REPORTING REQUIREMENTS

Condition Number	Report	Notification/Timing	Purpose
Part A – Administrative Conditions			
A22	Community Communication Strategy	Prior to commencement of the development	Information
Part B – Environmental Conditions			
B5	Aboriginal Cultural Heritage Management Plan	Prior to any work that could harm Aboriginal heritage	Approval
B6	Historic Heritage Management Plan	Prior to any work that could harm heritage item	Approval
B11	Confirmation of Biodiversity Offset	Prior to any work impacting biodiversity values	Approval
B16	Biodiversity Management Plan	Prior to any work impacting biodiversity values	Approval
B27	Operational Noise Compliance Verification	Within 12 months of the commencement of operation and within 3 months of full energisation	Information
B28	Noise and Vibration Management Plan	Prior to commencement of construction or road upgrades	Approval
B35	Soil and Water Management Plan	Prior to commencement of construction	Approval
B43	Traffic and Transport Management Plan	Prior to commencement of construction or road upgrades	Approval
B59	Emergency Plan	Prior to commencement of construction	Information
B65	Waste Management Plan	Prior to commencement of construction	Information
B68	Accommodation Camp Management Plan	Prior to commencement of construction	Approval
B69	Local Business and Employment Strategy	Prior to commencement of construction	Information
B71	Social Impact Management Plan	Prior to commencement of construction	Approval

B75	Rehabilitation Management Plan – National Park Estate	Within 6 months of the commencement of construction	Information
Part C – Environmental Management, Reporting and Auditing			
C1	Environmental Management Plan	Prior to commencement of construction	Approval
C4	Staging Report	No later than one (1) month before the commencement of proposed stage	Information
C10	Notification of commencement of pre-construction minor works, construction and operations	Prior to commencement of each development phase	Information
C11	Notification to landowners	Prior to commencement of construction	Information
C12	Final Layout Plans	Prior to commencement of construction	Information
C14	Work as Executed Plans	Prior to commencing operations	Information
C16	Notification of Non-Compliance	Within seven days of becoming aware of a non-compliance	Information
C17	Notification of Incident	Within 24 hours of becoming aware of an incident	Information

SCHEDULE 2

PART A ADMINISTRATIVE CONDITIONS

OBLIGATION TO MINIMISE HARM TO THE ENVIRONMENT

- A1. In meeting the specific performance measures and criteria established under this approval, all reasonable and feasible measures must be implemented to prevent, or if prevention is not reasonable and feasible, to minimise any material harm to the environment that may result from the development.

TERMS OF APPROVAL

- A2. The development must be carried out:
- (a) in compliance with the conditions of this approval;
 - (b) in accordance with all written directions of the Planning Secretary;
 - (c) generally in accordance with the EIS; and
 - (d) generally in accordance with the Development Layout in Appendix 1.
- A3. The Proponent must comply with any written requirement/s of the Planning Secretary arising from the Department's assessment of:
- (a) the environmental performance of the development;
 - (b) any strategies, plans or correspondence that are submitted in accordance with this approval;
 - (c) any reports, reviews or audits commissioned by the Department regarding compliance with this approval;
 - (d) the implementation of any actions or measures contained in these documents; and
 - (e) in respect of ongoing monitoring and management obligations, compliance with an updated or revised version of a guideline, protocol, Australian Standard or policy required to be complied with under this approval.
- A4. The conditions of this approval and directions of the Planning Secretary prevail to the extent of any inconsistency, ambiguity or conflict between them and the EIS. In the event of any inconsistency, ambiguity, or conflict between any of the EIS documents, the most recent document prevails to the extent of the inconsistency, ambiguity, or conflict.
- A5. Any document that must be submitted within a timeframe specified in or under the terms of this approval may be submitted within a later timeframe agreed with the Planning Secretary. This condition does not apply to the immediate written notification required in respect of an incident under condition C17.

LAPSE OF APPROVAL

- A6. This approval will lapse if the Proponent does not physically commence the development within 5 years of the date on which it is granted.

PAYMENT OF REASONABLE COSTS

- A7. The Proponent must pay all reasonable costs incurred by the Department to engage a suitably qualified, experienced, and independent expert(s) to review the adequacy of any environmental management document required under this approval.

ENVIRONMENTAL REPRESENTATIVE

- A8. Work must not commence until an Environmental Representative (ER) has been approved by the Planning Secretary and engaged by the Proponent.
- A9. The Planning Secretary's approval of an ER must be sought no later than one (1) month before the commencement of work.
- A10. The proposed ER must meet the requirements set out in the *Environmental Representative Protocol* (Department of Planning and Environment, October 2018) and must be a suitably qualified and experienced person(s) who was not involved in the preparation of the EIS, and is independent from the design and construction of the development.
- A11. More than one ER may be engaged for the CSSI, in which case the functions to be exercised by an ER under the terms of this approval may be carried out by any ER that is approved by the Planning Secretary.
- A12. For the duration of work until the completion of construction, or as agreed with the Planning Secretary, the approved ER must:
- (a) receive and respond to communication from the Planning Secretary in relation to the environmental performance of the development;
 - (b) consider and inform the Planning Secretary on matters specified in the terms of this approval;
 - (c) consider and recommend to the Proponent any improvements that may be made to work practices to avoid or minimise adverse impact to the environment and the community;
 - (d) review documents identified in Summary of Reporting Requirements in Schedule 1, and any other documents that are identified by the Planning Secretary, to ensure they are consistent with the requirements of this approval and if so to:
 - (i) make a written statement to this effect before submission of such documents to the Planning Secretary (if those documents are required to be approved by the Planning Secretary); or
 - (ii) make a written statement to this effect before the implementation of such documents (if those documents are required to be submitted to the Department for information or are not required to be submitted to the Department);
- Note: The written statement must be made via the NSW Planning Portal (Major Projects)*
- (e) regularly monitor the implementation of the documents identified in Summary of Reporting Requirements in Schedule 1 to ensure implementation is being carried out in accordance with the document and the terms of this approval;
 - (f) as may be requested by the Planning Secretary, help plan or attend audits of the development commissioned by the Department including scoping audits, programming audits, briefings and site visits but not independent environmental audits required under condition C15 of this approval;
 - (g) as may be requested by the Planning Secretary, assist in the resolution of community complaints;
 - (h) review the appropriateness of any activities reliant on the definition of pre-construction minor works;
 - (i) consider any minor amendments (updates or administrative changes that do not increase impacts to the environmental or nearby sensitive receivers) to any documents required under this approval and ensure they are consistent with the terms of this approval and, if satisfied such amendments are necessary, approve the amendment. This does not include any

modifications to the terms of this approval;

- (j) have the authority and independence to recommend to the Proponent reasonable steps to be taken to avoid or minimise unintended or adverse environmental impacts, and, failing the effectiveness of such steps, to recommend to the Proponent that relevant activities are to be ceased as soon as reasonably practicable if there is a significant risk that an adverse impact on the environment will be likely to occur; and
- (k) prepare and submit to the Planning Secretary and other relevant regulatory agencies, for information, an ER Monthly Report providing the information set out in the *Environmental Representative Protocol* (Department of Planning and Environment, October 2018). The ER Monthly Report must be submitted within seven (7) days following the end of each month for the duration of the ER's engagement for the CSSI, or as otherwise agreed by the Planning Secretary.

A13. The Proponent must provide the ER with all documentation requested by the ER in order for the ER to perform their functions specified in condition A12 (including preparation of the ER monthly report), as well as:

- (a) the complaints register for any complaints received (within 24 hours of the complaint being received); and
- (b) a copy of any assessment carried out by the Proponent of whether proposed work is consistent with the approval (which must be provided to the ER before the commencement of the subject work).

PROTECTION OF PUBLIC INFRASTRUCTURE

A14. Unless the Proponent and the applicable authority agree otherwise, the Proponent must:

- (a) repair, or pay the full costs associated with repairing, any public infrastructure that is damaged by carrying out the development (excluding damage to roads caused as a result of general road usage); and
- (b) relocate, or pay the full costs associated with relocating, any public infrastructure that needs to be relocated as a result of the development.

Note: This condition does not apply to the upgrade and maintenance of the road network, which is expressly provided for in the conditions of this approval.

COMPLIANCE

A15. The Proponent must ensure that all of its employees, contractors (and their sub-contractors) are made aware of, and are instructed to comply with, the conditions of this approval relevant to activities they carry out in respect of the development.

DEMOLITION

A16. The Proponent must ensure that all demolition work on site is carried out in accordance with AS 2601-2001: *The Demolition of Structures* (Standards Australia, 2011), or its latest version.

STRUCTURAL ADEQUACY

A17. All new buildings and structures, and any alterations or additions to existing buildings and structures, that are part of the development, must be constructed in accordance with:

- (a) the relevant requirements of the Building Code of Australia; and where the Building Code of Australia is not applicable, to the relevant Australian Standard; and
- (b) any additional requirements of Subsidence Advisory NSW where the building or structure is

located on land within a declared Mine Subsidence District

Notes:

- *The requirements for construction and occupation certificates are set out in Part 6 of the EP&A Act.*
- *Environmental Planning and Assessment (Development Certification and Fire Safety) Regulation 2021 sets out the requirements for the certification of the development.*
- *Under section 21 of the Coal Mine Subsidence Compensation Act 2017, the Proponent is required to obtain the Chief Executive of Subsidence Advisory NSW' approval before carrying out certain development in a Mine Subsidence District.*

OPERATION OF PLANT AND EQUIPMENT

A18. All plant and equipment used on site, or in connection with the development must be:

- (a) maintained in a proper and efficient condition;
- (b) operated in a proper and efficient manner.

EVIDENCE OF CONSULTATION

A19. Where the terms of this approval require consultation to be undertaken, evidence of the consultation undertaken and a tabulated summary must be submitted to the Planning Secretary and ER (as relevant) with the corresponding environmental management document via the NSW Planning Portal (Major Projects). The evidence must include:

- (a) documentation of the engagement with the identified party in the condition of approval that has occurred before submitting the document for approval;
- (b) a log of the dates of engagement or attempted engagement with the identified party;
- (c) documentation of the follow-up with the identified party where engagement has not occurred to confirm that they do not wish to engage or have not attempted to engage after repeated invitations;
- (d) outline of the issues raised by the identified party and how they have been addressed; and
- (e) a description of the outstanding issues raised by the identified party and the reasons why they have not been addressed.

APPLICABILITY OF GUIDELINES

A20. References in the conditions of this approval to any guideline, protocol, Australian Standard or policy are to such guidelines, protocols, Standards or policies in the form they are in as at the date of this approval.

A21. However, consistent with the conditions of this approval and without altering any limits or criteria in this approval, the Planning Secretary may, when issuing directions under this approval in respect of ongoing monitoring and management obligations, require compliance with an updated or revised version of such a guideline, protocol, Standard or policy, or a replacement of them.

COMMUNITY COMMUNICATION STRATEGY

A22. Work must not commence until a community communication strategy is prepared for the development. The strategy must:

- (a) provide mechanisms to facilitate communication between the Proponent, the community and relevant stakeholders;
- (b) identify stakeholders to be consulted during work;
- (c) set out procedures and mechanisms for the regular distribution of information;
- (d) establish a public liaison officer(s) to engage with the local community; and

- (e) set out procedures and mechanisms:
 - (i) through which the community can discuss or provide feedback to the Proponent;
 - (ii) through which the Proponent will respond to enquiries or feedback from the community; and
 - (iii) to resolve any issues and mediate any disputes that may arise in relation to construction of the development;
- (f) include the Complaints Handling Protocol required under condition C2.

A23. The community communication strategy must be implemented for the duration of work, and for 12 months following the completion of work.

PART B SPECIFIC ENVIRONMENTAL CONDITIONS

HERITAGE

Test excavations – Aboriginal cultural heritage

- B1. Prior to carrying out any work (excluding test excavations required under this condition) within 100 metres of archaeological test excavation locations identified as 105, 111, 117, 118, 119, 120, 121, 122, 123, 126, 129, 159, 188, 189, 190 and the Pikes Gully Road construction support site (as identified in additional information dated 18 June 2026), the Proponent must prepare a Test Excavations Report in consultation with RAPs and Heritage NSW, to the satisfaction of the Planning Secretary. The report must:
- (a) be prepared having regard to, and be consistent with, the Updated Aboriginal heritage mitigation measures (Updated Appendix D of the Addendum Report) and the Updated guiding principles (Revised Appendix E of the ACHAR Addendum);
 - (b) detail the results of test excavations, including a significance assessment for any newly identified Aboriginal heritage sites;
 - (c) describe any potential additional harm to Aboriginal cultural heritage items;
 - (d) identify further mitigation measures, including avoidance or salvage;
 - (e) include detailed justification where the final transmission line alignment is not able to avoid harm to heritage items, including the outcomes of the Avoidance and Options Analysis for Aboriginal sites of moderate or high significance; and
 - (f) provide an updated and consolidated list of sites that would be protected and remain in-situ throughout construction and sites that would be salvaged and relocated to suitable alternative locations.

Protection of heritage items

- B2. The Proponent must:
- (a) ensure the development does not cause harm to the Aboriginal cultural heritage objects/sites identified in Table 3 of Appendix 2, or those identified in the updated and consolidated list of sites that would be protected consistent with condition B1(f);
 - (b) ensure the development does not cause harm to the historic heritage items identified in Table 5 of Appendix 3;
 - (c) manage the Aboriginal cultural heritage sites identified in Table 4 of Appendix 2 in accordance with the specified mitigation and management measures and in accordance with the requirements of the Aboriginal Cultural Heritage Management Plan, as outlined in condition B5, including any subsequent revision of this plan;
 - (d) manage the historic heritage items identified in Table 6 of Appendix 3 in accordance with the specified mitigation and management measures and in accordance with the requirements of the Historic Heritage Management Plan, as outlined in condition B6, including any subsequent revision of this plan; and
 - (e) develop an Unexpected Finds Procedure including a contingency plan and reporting procedure, in accordance with the guidelines and standards specified by Heritage NSW, to be implemented for the duration of the project. The procedure must address Aboriginal heritage, historic heritage, maritime archaeology and unexpected human remains and must include the requirement to notify Heritage NSW of any finds and register any newly identified Aboriginal objects or sites in the AHIMS database.

- B3. Prior to carrying out any work within five (5) metres of the historic heritage items identified as requiring archaeological excavation in Table 6 of Appendix 3, the Proponent must prepare an Archaeological Research Design and Excavation Methodology (ARDEM) in consultation with Heritage NSW. The report must:
- (a) be prepared in accordance with the guideline *Archaeological Assessments* (Heritage Office and DUAP 1996) and the *Criteria for Assessing Excavation Directors* (Heritage Council of NSW, 2019);
 - (b) propose a methodology for archaeological investigations, including a sampling strategy for the test excavations as appropriate;
 - (c) include commitments for project redesign for avoidance or harm minimisation of archaeological sites and significant built heritage items of those sites;
 - (d) include a final impact assessment justifying and quantifying harm to those sites following project detailed design; and
 - (e) include a process for the preparation of a Heritage Interpretation Plan in accordance with *Interpreting Heritage Places and Items Guidelines* (Heritage Office 2005) should significant relics be identified during archaeological investigations.
- B4. The Proponent must ensure the development does not cause harm to any State significant relics or built items of State heritage significance.

Aboriginal Cultural Heritage Management Plan

- B5. Prior to the carrying out of any work that could harm Aboriginal heritage items (excluding test excavations required under condition B1), an Aboriginal Cultural Heritage Management Plan must be prepared for the development to the satisfaction of the Planning Secretary. The plan must:
- (a) be prepared by suitably qualified and experienced person/s whose appointment has been endorsed by the Planning Secretary;
 - (b) be prepared in consultation with RAPs, FCNSW and NPWS and reviewed by Heritage NSW;
 - (c) be prepared having regard to, and be consistent with, the Updated Aboriginal heritage mitigation measures (Updated Appendix D of the Addendum Report) and the Updated guiding principles (Revised Appendix E of the ACHAR Addendum);
 - (d) identify any existing approvals and relevant management plans that overlap with the project area, the Aboriginal sites to which they apply, and any coordination or administrative arrangements where sites are subject to multiple approvals or plans;
 - (e) include a description of the measures that would be implemented for:
 - (i) protecting the Aboriginal heritage items identified in Table 3 of Appendix 2;
 - (ii) undertaking the management activities specified in Table 4 of Appendix 2, including a detailed methodology for each of the approved mitigation and management measures;
 - (iii) protecting Aboriginal heritage items located within 55 metres of the development area identified in Table D.2 of Attachment B of additional information dated 18 June 2026;
 - (iv) the temporary storage arrangements and long-term management of any Aboriginal heritage items or cultural material collected;
 - (v) ensuring workers on site receive suitable heritage inductions prior to carrying out any development on site, and that records are kept of these inductions;

- (vi) ongoing consultation and involvement with RAPs in the management of Aboriginal cultural heritage;
 - (vii) preparing Aboriginal Site Impact Recording Forms (ASIRFs) for all impacted Aboriginal heritage sites following construction activities, with ASIRFs to be submitted to the Aboriginal Heritage Information Management System (AHIMS) registrar;
 - (viii) undertaking and reporting on site specific Avoidance and Options Analysis for Aboriginal objects, sites and places of high and moderate significance that are proposed for potential harm;
 - (ix) consulting with FCNSW and NPWS regarding management activities or requirements affecting Aboriginal sites within land managed by those agencies; and
 - (x) undertaking detailed reporting on the outcomes of management activities including (but not limited to) archival recording and analysis of stone artefact assemblages and other information relevant to addressing research questions.
- (f) include the Unexpected Finds Procedure required by Condition B2(e); and
- (g) include a program to monitor and report on the effectiveness of management measures and any Aboriginal cultural heritage impacts of the project.

Following approval, the Proponent must implement the Aboriginal Cultural Management Plan for the life of the development, or other timeframe agreed to by the Planning Secretary.

Historic Heritage Management Plan

B6. Prior to carrying out any work that could harm heritage items, the Proponent must prepare a Historic Heritage Management Plan for the development to the satisfaction of the Planning Secretary. The plan must:

- (a) be prepared by a suitably qualified and experienced heritage specialist whose appointment has been endorsed by the Planning Secretary;
- (b) be prepared in consultation with Heritage Council of NSW, Councils and NPWS;
- (c) identify and map known items of heritage significance within and surrounding the development area;
- (d) include a description of the measures that would be implemented for the protection of heritage items identified in Table 5 of Appendix 3;
- (e) include a description of the measures that would be implemented to avoid, minimise or mitigate impacts to the historic heritage items identified in Table 6 of Appendix 3;
- (f) include the Unexpected Finds Procedure required by Condition B2(e);
- (g) include a program to identify, assess and report on harm to potential maritime archaeological resources if any work is required to be carried out within 50 metres of the Hunter River;
- (h) include the ARDEM once it is required to be prepared in accordance with Condition B3;
- (i) include a program to monitor and report on the effectiveness of management measures and any environmental heritage impacts of the development; and
- (j) include commitments for remediation of disturbed land within identified heritage areas post-construction.

Following approval, the Proponent must implement the Historic Heritage Management Plan for the life of the development, or other timeframe agreed to by the Planning Secretary.

AIR QUALITY

- B7. In addition to the performance outcomes, commitments and mitigation measures specified in the EIS, the Proponent must take all reasonable steps to:
- (a) minimise the dust generated by the development; and
 - (b) minimise the surface disturbance of the site.

BIODIVERSITY

Restrictions of clearing and habitat

- B8. Unless otherwise agreed by the Planning Secretary, the development must:
- (a) ensure that the vegetation and habitat clearing does not exceed the limits specified in:
 - (i) Table 7, Table 8 and Table 9 of Appendix 4; or
 - (ii) the most recent Revised Offset Obligation report approved by the Planning Secretary under condition B13; and
 - (b) minimise:
 - (i) the impacts of the development on hollow bearing trees;
 - (ii) the impacts of the development on threatened species; and
 - (iii) the clearing of native vegetation and key habitat.

Biodiversity offsets

- B9. Prior to carrying out any work that could directly or indirectly impact on biodiversity values requiring offset, the Proponent must retire biodiversity credits of the number and class specified in Table 7, Table 8 and Table 9 of Appendix 4.
- B10. Condition B9 must be carried out in accordance with sections 6.4 and 6.29A of the *Biodiversity Conservation Act 2016* and section 6.2 of the *Biodiversity Conservation Regulation 2017*.
- B11. Prior to undertaking any work that could directly or indirectly impact on biodiversity values requiring offset, evidence must be provided to the Planning Secretary that conditions B9 and B10 have been met. If the approval provides for stages of development and specifies staged retirement of biodiversity credits, the Planning Secretary may approve the retirement of credits in stages if adequate evidence is provided for the relevant stage.

Partial Clearing Monitoring Strategy

- B12. The Proponent must prepare a Partial Clearing Monitoring Strategy prior to carrying out any work that could impact on biodiversity values requiring offset within an area of partial clearing, to the satisfaction of the Planning Secretary. The Strategy must:
- (a) be prepared by a BAM Accredited Assessor whose appointment has been endorsed by the Planning Secretary;
 - (b) be prepared in consultation with CPHR;
 - (c) define the extent and timing of each stage of partial clearing proposed for the development;
 - (d) include a description of the measures that would be implemented to:
 - (i) document and confirm the number and class of biodiversity credits impacted within areas of Partial Clearing as defined by the BDAR;

- (ii) record the Vegetation Integrity Scores, in accordance with section 4.3.3 and section 4.3.4 of the BAM, and be submitted in a report within six months from the commencement of each stage of partial clearing;
- (iii) compare the Vegetation Integrity Scores recorded under (ii) with the impacts predicted in the BDAR;
- (iv) determine if the difference in Vegetation Integrity Scores identified in (iii) are greater than a value of 10;
- (v) update the existing BAM Credit Calculator case for each credit class, and the provision of updated credit reports and field data sheets to CPHR; and
- (e) include a program to report on the findings to CPHR every six months from the commencement of work that could impact on biodiversity values requiring offset, for a duration established under the Strategy.

Following approval, the Proponent must implement the Partial Clearing Monitoring Strategy.

Revised Offset Obligation

B13. The Proponent may seek the Planning Secretary's approval of a Revised Offset Obligation report to change the number of biodiversity credits required to be retired under Condition B9 where the change in the biodiversity credit obligation is due to a change to the impacts on biodiversity values within the development footprint assessed in the BDAR.

Any Revised Offset Obligation report may only be approved by the Planning Secretary after consulting with the DCCEEW Secretary (or delegate), and the approved biodiversity credit obligation must be met in accordance with Condition B10.

B14. The Revised Offset Obligation report must:

- (a) be prepared prior to commencing any work that could directly or indirectly impact on biodiversity values requiring offset;
- (b) be prepared in consultation with CPHR;
- (c) be prepared using the BAM by a BAM Accredited Assessor; and
- (d) include the revised calculation of the biodiversity credit obligation.

Offset Verification Report

B15. If, in accordance with condition B10, the Proponent enters into a Strategic Offset Delivery Agreement with the Environment Agency Head (under clause 6.2 (f) of the *Biodiversity Conservation Regulation 2017*) in respect of the number and class of biodiversity credits specified in Table 7, Table 8 and Table 9 of Appendix 4, or as amended by an approved Revised Offset Obligation report, the Proponent may submit an Offset Verification Report for approval by the Planning Secretary, in consultation with the DCCEEW Secretary, at 6, 12 and 18 months from the commencement of work that could impact biodiversity values that require offsetting, or other timeframe agreed by DCCEEW Secretary. The Offset Verification Report must:

- (a) be in a form agreed by CPHR;
- (b) be prepared using the BAM by a BAM Accredited Assessor;
- (c) include a revised calculation of the development's actual impact, based on the final layout plans required under condition C12 or post-clearing verification of actual impacts, against the approved biodiversity credit obligation; and
- (d) report on the change in biodiversity credits due to a change to the Vegetation Integrity Scores reported in the Vegetation Zones in accordance with the Partial Clearing Monitoring

Strategy.

If the Strategic Offset Delivery Agreement applies to a part of the number and class of biodiversity credits specified in Table 7, Table 8 and Table 9 of Appendix 4, or as amended by an approved Revised Offset Obligation report, the Offset Verification Report will apply only to this part.

Biodiversity Management Plan

B16. Prior to carrying out any work that could impact biodiversity values that require offsetting, the Proponent must prepare a Biodiversity Management Plan for the development to the satisfaction of the Planning Secretary. The plan must:

- (a) be prepared by a suitably qualified and experienced biodiversity expert/s;
- (b) be prepared in consultation with CPHR, FCNSW and NPWS;
- (c) be prepared generally in accordance with the BDAR, including Table 8.23 of the BDAR;
- (d) include a description of the measures that would be implemented for:
 - (i) meeting the biodiversity mitigation requirements in Condition B8;
 - (ii) minimising:
 - the amount of vegetation clearing on site;
 - the loss of key fauna habitat (including tree hollows);
 - the impacts to fauna on site, including undertaking pre-clearance surveys; and
 - potential indirect or prescribed impacts on threatened flora and fauna species;
 - (iii) ensuring the development does not adversely affect the native vegetation and habitat outside the development area;
 - (iv) protocols for unexpected finds of threatened species and threatened ecological communities within the development area including the requirements for:
 - all work in the associated location to stop to prevent further impact, and
 - notification to the Planning Secretary and CPHR in writing on any additional mitigation measures to be implemented; and
 - relevant agencies to be consulted and the Planning Secretary to endorse recommencement of work;
 - (v) connectivity strategy for the potentially impacted species identified in the BDAR;
 - (vi) rehabilitation of temporary disturbance areas to facilitate natural regeneration with suitable native species;
 - (vii) maximising the salvage of resources within the approved development area – including vegetative and soil resources – for beneficial reuse (such as fauna habitat enhancement) during the rehabilitation and revegetation of the site;
 - (viii) collecting and propagating seed (where relevant);
 - (ix) controlling erosion, weeds, feral pests and biosecurity risks, including soil-borne pathogens;
 - (x) bushfire management;
 - (xi) minimising impacts on entities at risk of a serious and irreversible impact (SAII), including:
 - *Hunter Floodplain Red Gum*
 - *Woodland in the NSW North Coast and Sydney Basin Bioregions*
 - *Eucalyptus fracta*
 - *Genoplesium branwhiteorum*
 - *Genoplesium insigne*
 - *Rhizanthella slateri*
 - *Rhodamnia rubescens*

- *Thelymitra adorata*
 - *Anthocharea phrygia*
 - *Chalinolobus dwyeri*
 - *Delma vescolineata*
 - *Lathamus discolor*
 - *Litoria littlejohni*
 - *Mixophyes balbus*
 - *Petrogale penicillata*
 - *Tyto tenebricosa*
 - *Rhodomirtus psidioides*
- (e) include an Amphibian Management Sub-Plan with a detailed description of the measures that would be implemented for:
- (i) identifying and demarcating areas to be retained as ‘no go areas’, including buffer areas around breeding ponds to be retained;
 - (ii) minimising the introduction and spread of chytrid fungus;
 - (iii) maintaining existing water quality and preventing pollution of potential threatened frog species breeding habitats during construction;
 - (iv) locating, designing and installing supplementary breeding ponds and/or other connectivity measures within areas subject to partial clearing, and the Olney switching station;
 - (v) protocol for hand clearing riparian corridors in the Stuttering Frog and Littlejohn’s Tree Frog habitat;
- (f) prepare a Biodiversity Impact Monitoring Program to monitor, evaluate and publicly report on the effectiveness of avoidance, minimisation and mitigation measures detailed in the plan and sub-plans;

Following approval, the Proponent must implement the Biodiversity Management Plan for the life of the development, or other timeframe agreed to by the Planning Secretary.

NOISE AND VIBRATION

Work hours

B17. Work may only be undertaken between:

- (a) 7 am to 6 pm Monday to Friday;
 - (b) 8 am to 1 pm Saturdays; and
 - (c) at no time on Sundays and NSW public holidays;
- unless the Planning Secretary agrees otherwise.

Exceptions to work hours

B18. The following activities may be carried outside the hours specified in condition B17:

- (a) the delivery or dispatch of materials as requested by the NSW Police Force or other public authorities for safety reasons;
- (b) emergency work to avoid the loss of life, property or prevent material harm to the environment;
- (c) development activities carried out in accordance with the hours and noise limits specified in any negotiated agreements with sensitive receivers (owners and occupiers), provided the negotiated agreements are in writing and finalised before the commencement of the development activities;
- (d) activities that do not result in noise affected sensitive receivers as defined in *Interim Construction Noise Guidelines* (DECC, 2009) (or its latest version);

- (e) road upgrades required by the relevant road authority to be undertaken outside the standard construction hours;
- (f) where a rail authority requires possession for the activities to be undertaken outside the standard construction hours;
- (g) work that requires a network outage on the distribution or transmission network, and the operator of the network requires the outage and associated works outside standard construction hours;
- (h) where different hours are permitted or required under an EPL in force in respect of the development; or
- (i) works carried out in accordance with an Out-of-Hours Work Protocol in accordance with condition B28.

Helicopter activities

B19. Helicopter use associated with the development may only be carried out:

- (a) between 9 am to 5 pm Monday to Friday;
- (b) between 9 am to 1 pm on Saturday; and
- (c) no helicopter use is allowed on Sunday or NSW public holidays;

unless different hours are permitted or required under an EPL in force in respect of the development or the Planning Secretary agrees otherwise.

Noise mitigation

B20. The Proponent must take all reasonable and feasible steps to minimise noise associated with work in locations where the noise is audible to sensitive receivers, including any associated traffic noise.

B21. The Proponent must ensure that the noise generated by any work is managed in accordance with the requirements outlined in the *Interim Construction Noise Guideline* (DECC, 2009) (or its latest version).

B22. The Proponent must implement mitigation measures with the aim of achieving the road traffic noise assessment criteria for land uses from *NSW Road Noise Policy* (DECCW, 2011).

B23. The Proponent must implement mitigation measures with the aim of achieving the following vibration limits:

- (a) vibration criteria established using the *Assessing vibration: a technical guideline* (DEC, 2006) (for human exposure);
- (b) BS 7385 Part 2-1993 "Evaluation and measurement for vibration in buildings Part 2" as they are "applicable to Australian conditions"; and
- (c) vibration limits set out in the German Standard DIN 4150-3: Structural Vibration – effects of vibration on structures (for structural damage).

B24. Where a sensitive receiver is identified as potentially exceeding the construction 'noise affected' noise management level or sleep disturbance criteria established using the *Interim Construction Noise Guideline* (DECC, 2009), or its latest version, as a result of construction or use of the construction compounds, reasonable and feasible mitigation measures must be implemented with the objective of reducing construction noise below the relevant criteria at each relevant sensitive receiver.

Activities that could exceed the 'noise affected' noise management level or sleep disturbance criteria during construction must not commence until the measures identified in this condition have been implemented, unless otherwise agreed with the Planning Secretary.

However, this does not apply if the Proponent has an agreement with the relevant owner/s of these receivers to generate higher noise levels, and the Proponent has advised the Department in writing of the terms of this agreement.

Note: Mitigation measures may include path barrier controls, at-property treatment, or a combination of path and at-property treatment.

Operational noise

B25. Except for corona discharge noise, the Proponent must ensure that the noise generated by the operation of the development does not exceed the project noise trigger levels (PNTL) established in accordance with the *Noise Policy for Industry* (NPfI), at the reasonably most affected point of the residence, at any residential receiver.

B26. The Proponent must:

- (a) take all reasonable and feasible steps to minimise corona discharge noise during operation of the project;
- (b) identify residences predicted to experience corona discharge noise levels above the PNTL at the reasonably most affected point of the residence, determined in accordance with the NPfI, and how often corona noise is expected to be above this level per year;
- (c) implement all reasonable and feasible noise mitigation measures, determined in accordance with the NPfI, at receivers where corona discharge noise levels exceed the PNTL identified in the monitoring program required in condition B27.

Operational Noise Compliance Verification

B27. Within 12 months of the commencement of operation of the development, and within 3 months of full energisation of the development, the Proponent must submit to the Planning Secretary, an Operational Noise Compliance Verification report. The assessment must include:

- (a) the results of baseline corona noise monitoring as required in condition B28(g);
- (b) the results of operational noise monitoring undertaken following the commencement of operation, including, but not limited to, at residences predicted to experience corona discharge noise levels above the PNTL (as required in condition B28(h));
- (c) a comparison of the actual noise performance of the development against PNTLs established in accordance with the NPfI and against the baseline results in B27(a);
- (d) identification of any additional reasonable and feasible noise mitigation measures that would be required to be implemented to achieve the objective of meeting the PNTLs, a schedule of when these measures are to be implemented and how their effectiveness is to be measured.

Any additional noise mitigation measures identified under (d) must be implemented within 12 months of submitting the Operational Noise Compliance Verification report, unless otherwise agreed by the Planning Secretary.

The Proponent must undertake further noise monitoring of the development if required by the Planning Secretary.

Noise and Vibration Management Plan

B28. Prior to the commencement of construction or road upgrades, the Proponent must prepare a Noise and Vibration Management Plan to the satisfaction of the Planning Secretary. The plan must:

- (a) include measures and processes to ensure the requirements in condition B17 to B28 are complied with;
- (b) include a description of the reasonable and feasible measures that would be implemented to minimise noise and vibration impacts of the development;
- (c) include a detailed description of the noise and vibration management system for the development;
- (d) include a protocol for the identification, notification and management of work that exceeds the noise management levels;
- (e) include a description of the reasonable and feasible measures that would be implemented for work that exceeds the noise management levels in order to reduce and manage the impacts of construction noise, including provision of respite periods;
- (f) include a monitoring program that evaluates and reports on the effectiveness of the noise and vibration management systems and identify additional noise mitigation measures that are to be implemented and the timeframe to be implemented;
- (g) include a baseline corona noise monitoring program to be undertaken for 6 months or where a suitable sample of data collected during weather conditions conducive to corona noise is obtained prior to operation to inform operational corona noise performance objectives, which must:
 - (i) be prepared in accordance with the NPfI;
 - (ii) include a combination of attended and unattended noise monitoring to evaluate the corona noise emitted by the existing operational transmission line;
 - (iii) monitor noise at locations representative of the residences with the greatest risk of experiencing impacts to noise amenity from corona noise during operation; and
 - (iv) include a detailed meteorological study, containing localised data collected near the monitoring locations to determine the weather conducive to corona noise that are associated with exceedance of NPfI objectives;
- (h) include a monitoring program that evaluates the operational noise performance of the development and the effectiveness of operational noise mitigation measures, which must:
 - (i) be prepared in accordance with the NPfI;
 - (ii) incorporates the results of the baseline corona noise monitoring in condition B28(g);
 - (iii) monitor noise at locations representative of the residences with the greatest risk of experiencing impacts to noise amenity from corona noise during operation; and
 - (iv) include a detailed meteorological study, containing localised data collected near the monitoring locations to determine the weather conducive to corona noise that are associated with exceedance of NPfI objectives; and
 - (v) provide analysis of the statistical occurrences of meteorological conditions that cause exceedance of NPfI objectives;
- (i) include an Out-of-Hours Work Protocol to identify a process for the consideration, management and approval of works outside the hours defined in condition B17, which must:
 - (i) be prepared in consultation with the relevant Council;
 - (ii) identify low risk activities that can be undertaken without the approval of the Planning Secretary and with the approval of the ER;
 - (iii) identify high risk activities that must be approved by the Planning Secretary; and
 - (iv) identify Department, Council and community notification arrangements for approved out of hours work

Following approval, the Proponent must implement the Noise and Vibration Management Plan for the life of the development, or other timeframe agreed to by the Planning Secretary.

SOIL AND WATER

Water supply

B29. The Proponent must ensure that it has sufficient water for all stages of the development, and if necessary, adjust the scale of the development to match its available water supply.

Note: Under the Water Act 1912 and/or the Water Management Act 2000, the Proponent is required to obtain the necessary water licences before commencing any works which intercept or extract groundwater or surface water (unless an exemption applies).

Erosion and sedimentation

B30. The Proponent must:

- (a) minimise erosion and control sediment generation; and
- (b) ensure all land disturbances have appropriate drainage and erosion and sediment controls designed, installed and maintained in accordance with *Best Practice Erosion and Sediment Control* (IECA, 2008), *Managing Urban Stormwater – Soils and Construction Volume 1* (Landcom, 2004), *Managing Urban Stormwater – Soils and Construction Volume 2A Installation of Services* (DECC, 2008) and *Managing Urban Stormwater – Soils and Construction Volume 2C Unsealed Roads* (DECC, 2008), or their latest versions.

Pollution of waters

B31. Unless otherwise authorised by an EPL, the Proponent must ensure the development does not cause any water pollution, as defined under section 120 of the POEO Act.

B32. The Proponent must:

- (a) design, construct and maintain an appropriate water management system at all substations, concrete batching plants, construction compounds and accommodation camps to prevent pollution;
- (b) minimise any spills of hazardous materials or hydrocarbons and clean up any spills as soon as possible after they occur.

Riparian areas

B33. The Proponent must ensure work on waterfront land is undertaken in accordance with the *Guidelines for Controlled Activities on Waterfront Land* (DCCEEW 2025), *Why do Fish Need to Cross the Road? Fish Passage Requirements for Waterway Crossings* (NSW Fisheries 2003) and the *Policy and Guidelines for Fish Habitat and Conservation and Management* (NSW Fisheries, 2013), unless Water Group and DPIRD Fisheries agrees otherwise.

Flooding

B34. The Proponent must ensure that the development does not materially alter the flood storage capacity, flows or characteristics in the development area or off-site.

Soil and Water Management Plan

B35. Prior to the commencement of construction, the Proponent must prepare a Soil and Water Management Plan for the development to the satisfaction of the Planning Secretary. This plan must:

- (a) be prepared in consultation with the relevant Council, CPHR, FCNSW, Water Group and WaterNSW;
- (b) detail how the Proponent would:
 - (i) ensure the requirements in conditions B29 to B34 are met;
 - (ii) manage flood risk during construction and operation;
 - (iii) investigate, assess and manage contaminated land, soils and groundwater in the development area in accordance with relevant legislation, standards and guidelines, including the *Guidelines for Consultants Reporting on Contaminated Land - Contaminated Land Guidelines* (NSW EPA 2020), *National Environment Protection (Assessment of Contamination) Measure 1999*, *Contaminated Land Management Act 1997* and *POEO Act*;
 - (iv) investigate, assess and manage the potential for asbestos and other hazardous materials in the development area;
 - (v) manage any unexpected and / or suspected contaminated soil, surface water or groundwater and asbestos excavated, disturbed or otherwise discovered during construction;
- (c) detail how the Proponent would manage groundwater inflows and extraction during construction including groundwater trigger action response measures if groundwater inflows are greater than 3 ML / year; and
- (d) include a program to monitor and report on the impacts and environmental performance of the development.

Following approval, the Proponent must implement the Soil and Water Management Plan for the life of the development, or other timeframe agreed to by the Planning Secretary.

TRAFFIC AND TRANSPORT

Designated access roads and routes

B36. All high risk heavy vehicles requiring escort associated with the development must only travel to and from the site via the access roads identified in Figure 20 to Figure 24 in Appendix 5 and described in the TTIA, and only utilise the designated routes described in the Traffic and Transport Management Plan required under condition B43, unless the Planning Secretary agrees otherwise.

Note: The Proponent is required to obtain relevant permits under the Heavy Vehicle National Law (NSW) for the use of heavy vehicles requiring escort on the road network.

B37. All heavy and light vehicles associated with the development must travel to and from the site via the access roads identified in Figure 25 to Figure 32 in Appendix 5 and described in the TTIA, and only utilise the designated routes described in the Traffic and Transport Management Plan required under condition B43, unless the Planning Secretary agrees otherwise.

Road upgrades

B38. Unless the Planning Secretary agrees otherwise, the Proponent must implement the road upgrades identified in Appendix 5 in accordance with the relevant standard and timing requirements in Appendix 5, and to the satisfaction of the relevant roads authority and TfNSW for road upgrades on the State road network.

B39. If there is a dispute about the road upgrade works, or the implementation of these works, then either party may refer the matter to the Planning Secretary for resolution.

Road maintenance

B40. The Proponent must:

- (a) undertake an independent dilapidation survey:
 - (i) assessing the condition of all local, regional, FCNSW, NPWS and Crown roads shown on the transport routes on Figure 20 to Figure 32 in Appendix 5, prior to use of the relevant road by development related heavy vehicles for the purpose of construction; and
 - (ii) assessing the condition of all local, regional, FCNSW, NPWS and Crown roads on the transport route:
 - within 1 month of the completion of construction, or within a timeframe agreed to by the relevant roads authority/manager;
 - on an annual basis during construction, or within a timeframe agreed to by the relevant roads authority/manager;
- (b) repair (or pay the full costs associated with repairing) any damage to local, regional, FCNSW, NPWS and Crown roads on the transport route as a result of development related road traffic:
 - (i) as soon as possible after the damage is identified but within 7 days at the latest if it could endanger road safety; and
 - (ii) within 2 months of the completion of the survey;unless the relevant roads authority agrees otherwise;
- (c) prepare a report on the road repairs completed under condition B40(b)(ii) in consultation with the relevant roads authority within 6 months of completion of the road repairs.

B41. If there is a dispute between the Proponent and the relevant roads authority about the repair of surveyed road, then either party may refer the matter to the Planning Secretary for resolution.

Property access

B42. Access to all properties must be maintained during the entirety of road upgrades, construction and pre-construction minor works unless agreed in writing with the relevant landowner or occupier.

Traffic and Transport Management Plan

B43. Prior to commencing construction or road upgrades identified in condition B38 and Appendix 5, the Proponent must prepare a Traffic and Transport Management Plan for the development, to the satisfaction of the Planning Secretary. The plan must:

- (a) be prepared:
 - (i) by a suitably qualified and experienced person(s) whose appointment has been approved by the Planning Secretary;
 - (ii) in consultation with TfNSW, Councils, FCNSW and NPWS;
 - (iii) generally in accordance with the TTIA;
- (b) demonstrate that the road network can accommodate high-risk heavy vehicles requiring escort associated with the development. Confirmation must be based on the actual laden vehicle configurations to be used for the development and include:
 - (i) assessment of bridges and other structures that may be impacted by high-risk heavy vehicles requiring escort;

- (ii) swept paths to confirm that the laden vehicle configuration can be delivered within the assessed envelope for each route;
- (iii) details of all management and mitigation measures required to accommodate high-risk heavy vehicles requiring escort on the road network;
- (c) include details of:
 - (i) the transport routes to be used for all development-related traffic, including any restrictions on routes or turning movements;
 - (ii) the road upgrade works required by condition B38, including the timeframe and schedule for completion of road upgrades;
 - (iii) the measures that would be implemented to comply with the traffic related conditions of this approval and traffic related mitigation measures identified in the EIS;
 - (iv) the measures that would be implemented to minimise traffic safety impacts of the development and disruptions to road users during road upgrades or construction, including, but not limited to:
 - a description of the proposed timeframe and schedule of construction works;
 - a description of the proposed dilapidation surveys required by condition B40;
 - procedures for stringing cables and transmission lines across roads to ensure compliance with Austroads Guide to Traffic Management;
 - a traffic management system for managing high risk heavy vehicles requiring escort;
 - temporary traffic controls;
 - a schedule for the periodic inspection and maintenance of the condition of all local roads used by development-related traffic;
 - responding to any emergency repair or maintenance requirements;
 - a description of the measures proposed to ensure compliance with safe intersection sight distances;
 - a description of the measures to manage traffic around Millfield Public School;
 - (v) the measures that would be implemented to minimise the impacts of the road upgrades of the development;
 - (vi) the measures that would be implemented to maintain access to properties, and for FCNSW and NPWS operations during construction and road upgrades;
 - (vii) the measures that would be implemented to minimise or avoid construction traffic generation during peak traffic periods, in accordance with the TTIA, at:
 - New England Highway / Hebden Road intersection;
 - New England Highway / Lemington Road intersection;
 - New England Highway / Pikes Gully Road intersection;
 - Golden Highway / Range Road intersection;
 - Golden Highway (Putty Road) / Broke Road intersection;
 - Putty Road / Mitchell Line of Road intersection;
 - Wine Country Drive / Broke Road intersection; and
 - Freemans Drive / Martinsville Road intersection;
- (d) include a drivers code of conduct that addresses:

- (i) travelling speeds;
- (ii) procedures to ensure that drivers adhere to the designated transport routes, travel times and any relevant transport mitigation measures;
- (iii) procedures to ensure that drivers implement safe driving practices; and
- (iv) the measures to be put in place to ensure compliance with the code of conduct.
- (e) include a program to:
 - (i) ensure drivers working on the development receive suitable training on the code of conduct and any other relevant obligations under the Traffic and Transport Management Plan;
 - (ii) record and track vehicle movements;
 - (iii) monitor and review the implementation and effectiveness of the traffic management measures implemented for the development;
 - (iv) implement adaptive management if the review of traffic management measures indicates that any measure that has been implemented is not effective in managing the identified risk(s); and
 - (v) publicly report on the effectiveness of these measures.

The Proponent must not commence construction or road upgrades until the Planning Secretary approves the Traffic and Transport Management Plan.

Following approval, the Proponent must implement the Traffic and Transport Management Plan for the life of the development, or other timeframe agreed to by the Planning Secretary.

AVIATION

Aerial activities

B44. Prior to submitting the final layout plans for the section of transmission line within 3 nautical miles (5.55 km) of the Warkworth Aerodrome, the Proponent must:

- (a) engage a suitably qualified, experienced, and independent expert(s) to verify that the final layout, in conjunction with the implementation of the control measures identified in the Warkworth Airfield Risk Assessment (8 May 2026), results in residual risk levels to aerial activities that are no greater than the residual risks identified in that risk assessment;
- (b) provide a schedule for the implementation of these control measures, including timing and staging, prepared in consultation with the owner of Warkworth Aerodrome, and to the satisfaction of the Planning Secretary.

B45. Following approval under condition B44(b) the Proponent must implement, or fund the implementation of, the control measures in accordance with the approved schedule.

VISUAL AMENITY

Visual impact mitigation

B46. Unless the Planning Secretary agrees otherwise, for a period of 2 years from the commencement of operations, the owners of dwellings 465, 466, 467, 2920 and 2928 as identified in the EIS may ask the Proponent to implement visual impact mitigation measures on their land to minimise the visual impacts of the development on their residence.

B47. Upon receiving such a written request from the owner of these residences, the Proponent must implement appropriate mitigation measures (such as landscaping and vegetation screening) in consultation with the owner. These mitigation measures must be reasonable and feasible, aimed

at reducing the visibility of the transmission line and towers from the residence and its curtilage, and commensurate with the level of visual impact on the residence.

- B48. All agreed mitigation measures must be implemented within 12 months of receiving the written request, unless the Planning Secretary agrees otherwise.
- B49. If the Proponent and the owner cannot agree on the measures to be implemented, or there is a dispute about the implementation of these measures, then either party may refer the matter to the Planning Secretary for resolution.
- B50. To avoid any doubt, mitigation measures are not required to be implemented to reduce the visibility of transmission lines and towers from any other locations on the property other than the residence and its curtilage.

Visual appearance

- B51. The Proponent must:
- (a) take reasonable steps to minimise the visual impacts of the development; and
 - (b) not mount any advertising signs or logos on site, except where this is required for identification or safety purposes.

Lighting

- B52. The Proponent must:
- (a) take all reasonable steps to minimise the off-site visual impacts of the development; and
 - (b) ensure that any external lighting associated with the development:
 - (i) is installed as low intensity lighting (except where required for safety or emergency purposes);
 - (ii) does not shine above the horizontal; and
 - (iii) complies with Australian/New Zealand Standard AS/NZS 4282:2019 – Control of Obtrusive Effects of Outdoor Lighting.

HAZARDS AND RISK

Dangerous goods

- B53. The quantities of dangerous goods stored and handled at the site must be below the threshold quantities listed in the Department's *Hazardous and Offensive Development Application Guidelines – Applying SEPP 33* at all times.
- B54. All dangerous goods, as defined by the Australian Dangerous Goods Code, must be stored and handled strictly in accordance with:
- (a) all relevant Australian Standards; and
 - (b) for liquids, the NSW EPA's Storing and Handling of Liquids: Environmental Protection – Participants Manual.

In the event of an inconsistency between the requirements of the Australian Standard and NSW EPA's guidance, the most stringent requirement must prevail to the extent of the inconsistency.

Electric and magnetic fields

- B55. The Proponent must ensure that the design, construction and operation of the development is managed to comply with the applicable electric and magnetic fields (EMF) limits in the *International*

Commission on Non-Ionizing Radiation Protection (ICNIRP) Guidelines for limiting exposure to time-varying electric and magnetic fields (1Hz – 100 kHz) (ICNIRP, 2010).

Radio communications

- B56. Prior to submitting the Final Layout Plans for tower locations, the Proponent must take all reasonable and feasible measures to avoid impacts to the radio communications services (including point-to-point microwave links), in consultation with the NSW Telecommunications Authority and Department of Defence.
- B57. If the development results in the disruption to any radio communications services (including point-to-point microwave links) in the area, then the Proponent must make good any disruption to these services as soon as possible following the disruption, but no later than 1 month following the disruption of the service unless the relevant service provider or user or Planning Secretary agrees otherwise.

BUSHFIRE SAFETY

B58. The Proponent must:

- (a) minimise the fire risks of the development, including managing vegetation fuel loads on-site;
- (b) ensure that the development:
 - (i) complies with the relevant asset protection requirements in the RFS's *Planning for Bushfire Protection 2019* (or equivalent) and *Standards for Asset Protection Zones*;
 - (ii) access tracks to the construction compounds must comply with property access requirements of Table 5.3b of *Planning for Bushfire Protection 2019*;
 - (iii) is suitably equipped to respond to any fire on site, including provision of 20,000 litre water supply tank fitted with a 65 mm Storz fitting and a FRNSW compatible suction connection are located at each of the construction compounds; and
 - (iv) incorporates the recommendations of a fire risk assessment as per the network operator's design standards.
- (c) ensure that buildings comply with *Australian Standard AS3959-2018 Construction of buildings in bushfire-prone areas* (or equivalent) and RFS's *Planning for Bushfire Protection 2019*;
- (d) ensure any fire trails or asset protection zones associated with the development are wholly contained within the approved development area;
- (e) develop procedures to manage potential fires on site, in consultation with the RFS, FCNSW, FRNSW and NPWS;
- (f) assist the RFS, FCNSW, FRNSW, NPWS and emergency services as much as practicable if there is a fire in the vicinity of the site; and
- (g) notify the relevant local emergency management committee following completion of construction of the development, and prior to commencing operations.

Emergency Plan

- B59. Prior to commencing construction, the Proponent must prepare an Emergency Plan for the development. The plan must:
- (a) be prepared in consultation with FRNSW, RFS, FCNSW and NPWS;
 - (b) be provided to the local Fire Control Centre, relevant local emergency management committee and FRNSW;

- (c) be consistent with the Department's Hazardous Industry Planning Advisory Paper No. 1, 'Emergency Planning' guideline;
- (d) include details on general emergency management planning, including:
 - (i) details of how transmission infrastructure and sub-systems can be safely isolated in an emergency;
 - (ii) identification of fire risks and hazards and detailed measures for the development to prevent fires igniting;
 - (iii) availability of fire suppression equipment, access and water;
- (e) include bushfire emergency management planning consistent with *A Guide to Developing a Bush Fire Emergency Management and Evacuation Plan* (RFS, 2014) and *Planning for Bushfire Protection 2019* (or equivalent) including:
 - (i) details of the location, management and maintenance of the Asset Protection Zone;
 - (ii) a list of activities that must not be carried out during a total fire ban;
 - (iii) a list of activities that must not be carried out within State forests when Fire Behaviour Index 40 is reached or exceeded;
 - (iv) details of how RFS would be notified, and procedures that would be implemented in the event that:
 - there is a fire on-site or in the vicinity of the site;
 - there are any activities on site that would have the potential to ignite surrounding vegetation; or
 - there are any proposed activities to be carried out during a bushfire danger period;
- (f) include emergency management and evacuation procedures and identification of specific emergency exit routes to be used including evidence of access agreements with relevant landowners (e.g. right of carriageway);
- (g) include an Emergency Services Information Package in accordance with *Emergency services information package and tactical fire plan* (FRNSW, 2019); and
- (h) include a flood emergency response plan that considers flood risks up to and including the Probable Maximum Flood.

Following preparation, the Proponent must implement the Emergency Plan for the life of the development, or other timeframe agreed to by the Planning Secretary.

B60. Two copies of the plan and Emergency Services Information Package must be kept on-site in prominent positions adjacent to the site entry point(s) at all times.

WASTE

B61. Waste generated during pre-construction minor works, road upgrades, construction and operation must be dealt with in accordance with the following priorities:

- (a) waste generation must be avoided and where avoidance is not reasonably practicable, waste generation must be reduced;
- (b) where avoiding or reducing waste is not possible, waste must be re-used, recycled, or recovered; and
- (c) where re-using, recycling or recovering waste is not possible, waste must be treated or disposed of.

B62. The importation of waste and storage, treatment, processing, reprocessing or disposal of such

waste must comply with the *Protection of the Environment Operations Act 1997*, the *Protection of the Environment Operations (Waste) Regulation 2014*, and orders or exemptions under the regulation.

- B63. Waste must only be exported to a site licensed by the EPA for the storage, treatment, processing, reprocessing or disposal of the subject waste, or in accordance with a Resource Recovery Exemption or Order issued under the *Protection of the Environment Operations (Waste) Regulation 2014*, or to any other place that can lawfully accept such waste.
- B64. All waste that is removed from site must be classified in accordance with the EPA's Waste Classification Guidelines, with appropriate records and disposal dockets retained for audit purposes.

Waste Management Plan

- B65. Prior to commencing construction, the Proponent must prepare and implement a waste management plan in consultation with relevant Council(s) and the EPA. The plan must detail:
- (a) the anticipated quantity, type and source of waste to be generated and their intended fate;
 - (b) details of how waste will be segregated, handled, stored, managed and then collected and transported for treatment and/or disposal;
 - (c) any materials produced which will require a specific Resource Recovery Order;
 - (d) any materials produced under a Resource Recovery Order, and the controls and procedures in place for meeting the conditions of that order;
 - (e) any testing or monitoring procedures;
 - (f) how materials segregation will be achieved, particularly the segregation of contaminated soils, resource recovery materials and waste generated; and
 - (g) the capability of the waste management facilities in Council(s) LGAs to accept the volumes of waste, predicted to be deposited and any associated approvals required to create and/or expand waste storage or disposal facilities and arrangements for transporting waste to the waste management facilities.

The Proponent must implement the waste management plan for the duration of construction of the development.

ACCOMMODATION CAMPS

- B66. Unless the Planning Secretary agrees otherwise, the Proponent must construct and provide sufficient accommodation capacity within the temporary worker accommodation camps described in the EIS and in Appendix 1 of this approval, in accordance with the staging set out in Condition B68(e).
- B67. Unless the Planning Secretary agrees otherwise, the Proponent must operate the accommodation camps as described in the EIS and must only be used to accommodate workers associated with construction or road upgrades for the development.

Accommodation Camp Management Plan

- B68. Prior to commencement of construction, the Proponent must prepare and submit an accommodation camp management plan in consultation with relevant Council/s and TfNSW, to the satisfaction of the Planning Secretary. Unless the Planning Secretary agrees otherwise, the plan must:
- (a) ensure utilities at accommodation camps, including water, wastewater, waste and

electricity, are designed and located in accordance with the relevant Council specifications and relevant standards;

- (b) detail how the accommodation camps comply with conditions B34 and B58;
- (c) detail procedures to ensure any treated wastewater from the accommodation camps used for dust suppression during construction:
 - (i) complies with the Australian and New Zealand Environment and Conservation Council (ANZECC) & Agriculture and Resource Management Council of Australia and New Zealand (ARMCANZ) (2000) Guidelines for irrigation water quality;
 - (ii) meets the requirements of the *Public Health Act 2010*;
- (d) describe the mitigation measures for dust suppression within the accommodation camp;
- (e) quantify the accommodation capacity of each accommodation camp or stage of accommodation camp and how any proposed staging of the camp meets the accommodation demand for construction workforce for that stage timeframe;
- (f) provide the site layout including building locations, vehicle access and movement, site servicing and utilities infrastructure;
- (g) include measures to:
 - (i) support local suppliers in servicing the camp where possible; and
 - (ii) facilitate worker cohesion, safety, health and wellbeing and provision of on-site medical services.

The Proponent must implement the accommodation camp management plan during the construction, use, decommissioning and rehabilitation of the camp/s.

LOCAL BUSINESS AND EMPLOYMENT STRATEGY

B69. Prior to commencement of construction, the Proponent must prepare a Local Business and Employment Strategy for the development. The strategy must:

- (a) be prepared in consultation with Councils;
- (b) consider the cumulative impacts associated with other State significant projects in the area;
- (c) investigate options for prioritising the employment of local and Aboriginal workforce and suppliers for the construction of the development, where feasible; and
- (d) include a program to monitor and review the effectiveness of the strategy during construction.

The Proponent must implement the local business and employment strategy for the duration of the construction of the development.

SOCIAL

Recreation

B70. The Proponent must:

- (a) maintain public access to Pokolbin State Forest, Watagan State Forest, Olney State Forest, Corrabare North Flora Reserve, and Jilliby State Conservation Area during work, and have suitable procedures in place to ensure it is safe for unrestricted permissible and lawful use and to respond promptly to any temporary public safety risks;
- (b) minimise the impacts of the Development on recreational users of the Pokolbin State Forest, Watagan State Forest, Olney State Forest, Corrabare North Flora Reserve, and Jilliby State Conservation Area;

- (c) minimise the dust and noise impacts of the development on campgrounds within Pokolbin State Forest, Watagan State Forest, Olney State Forest, Corrabare North Flora Reserve, and Jilliby State Conservation Area;
- (d) keep the community informed about any access or traffic management arrangements affecting areas or recreational facilities within the Pokolbin State Forest, Watagan State Forest, Olney State Forest, Corrabare North Flora Reserve, and Jilliby State Conservation Area.

Social Impact Management Plan

B71. Prior to the commencement of construction, the Proponent must prepare a social impact management plan for the development, to the satisfaction of the Planning Secretary. The Plan must:

- (a) be prepared:
 - (i) by a suitably qualified and experienced person(s);
 - (ii) having regard to the EIS commitments
 - (iii) in consultation with Muswellbrook, Singleton, Cessnock, Central Coast and Lake Macquarie Councils and affected stakeholders, to the greatest extent practicable;
- (b) include a summary of the social baseline and assessment of social impacts and risks, including the social impact ratings;
- (c) refer to and be consistent with the strategy in condition A22;
- (d) describe the measures that would be implemented to enhance positive social impacts from the development;
- (e) describe the measures that would be implemented to manage and mitigate negative (and cumulative) social impacts of the development, including:
 - (i) impacts to:
 - near neighbours and the broader community;
 - community cohesion, safety, health and wellbeing;
 - housing availability and affordability;
 - recreation and tourism;
 - (ii) access to social infrastructure and services;
 - (iii) labour draw and impacts to local businesses and services;
 - (iv) consideration of cumulative social impacts with other State significant projects in the area.
- (f) include a program to monitor, evaluate and publicly report on the effectiveness of these measures and any social impacts of the development, including:
 - (i) identifying performance indicators, incorporating trigger action response plan;
 - (ii) a yearly independent survey of the attitudes of the community about the development;
 - (iii) procedures for analysing and comparing the results of monitoring and surveys against the baseline, the predicted social impacts and results of previous monitoring and surveys;
 - (iv) recording community engagement and complaints as they relate to social issues;
 - (v) adaptive management measures implemented or proposed; and

- (vi) preparing a quarterly monitoring report, to be publicly available on the project website; and
- (g) include details of who would be responsible for monitoring, reviewing and implementing the plan.

Following approval, the Proponent must implement the social impact management plan for the duration of construction and for 12 months following the completion of construction, or other timeframe agreed by the Planning Secretary.

REHABILITATION

B72. The Proponent must:

- (a) rehabilitate all areas of the site not proposed for future disturbance progressively, that is, as soon as reasonably practicable following disturbance;
- (b) minimise the total area exposed at any time; and
- (c) where it is not possible to carry out measures for permanent rehabilitation, employ interim rehabilitation strategies to minimise dust generation, soil erosion and weed incursion until such time that permanent rehabilitation can be carried out.

B73. All accommodation camps must be decommissioned and rehabilitated to the satisfaction of the Planning Secretary within 12 months of commencing operations, unless the Planning Secretary agrees otherwise. Rehabilitation must comply with the objectives in Table 1.

Table 1 | Rehabilitation objectives – accommodation camps

Feature	Objective
Accommodation camps	- Safe, stable and non-polluting - All infrastructure including above and below ground to be decommissioned and removed to a depth of 500 mm, unless the Planning Secretary agrees otherwise - Restoring land capability to pre-existing productive capacity - Ensure public safety at all times

B74. Unless the Planning Secretary agrees otherwise, within 6 months of commencing operations, the Proponent must rehabilitate the site. Rehabilitation must comply with the objectives in Table 2.

Table 2 | Rehabilitation objectives – development site

Feature	Objective
All areas of the site affected by the development	- Safe, stable and non-polluting - Ensure public safety
Ancillary facilities (excluding accommodation camps)	- All infrastructure to be decommissioned and removed, unless the Planning Secretary agrees otherwise - Restore or maintain land capability to pre-existing use
Waterway crossings	Rehabilitated in accordance with <i>Guidelines for controlled activities on waterfront land</i> (NRA, 2018), <i>Why do fish need to cross the road? Fish passage requirements for waterway crossings</i> (DPI Fisheries, 2003); and <i>Policy and guidelines for fish habitat conservation and management</i> (DPI, 2023)

National Parks, Flora Reserves and State Conservation Areas	Rehabilitate temporary disturbance areas to facilitate natural regeneration of suitable native species, to the satisfaction of NPWS
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Rehabilitation Management Plan – National Parks Estate

B75. Unless the Planning Secretary agrees otherwise, within 6 months of the commencement of construction, the Proponent must prepare a Rehabilitation Management Plan for the development area within the National Parks Estate. The plan must:

- (a) be prepared by a suitably qualified and experienced person in consultation with the NPWS;
- (b) describe the detailed measures that would be implemented to comply with the rehabilitation objectives in Table 2 and addressing
 - (i) temporary disturbance areas; and
 - (ii) access trails.

The Proponent must implement the Rehabilitation Management Plan.

PART C ENVIRONMENTAL MANAGEMENT, REPORTING AND AUDITING

ENVIRONMENTAL MANAGEMENT PLAN

C1. Prior to commencing construction, the Proponent must prepare an Environmental Management Plan for the development to the satisfaction of the Planning Secretary. This Plan must:

- (a) provide the strategic framework for environmental management of the development;
- (b) identify the statutory approvals that apply to the development;
- (c) identify the Environmental Management Documents required for each stage and phase of the development consistent with the Staging Report prepared under condition C4;
- (d) describe the role, responsibility, authority and accountability of all key personnel involved in the environmental management of the development;
- (e) include an environmental risk assessment of the development activities and specific risk management controls/mitigation measures to:
 - (i) comply with statutory requirements, limits or performance measures and criteria;
 - (ii) manage the predicted impacts and risks identified in the EIS; and
 - (iii) manage any other environmental risk or impact that has been subsequently identified after the EIS was submitted;

Note: Environmental risk assessment cannot be used to assess physical changes to the development or an increase in impacts that are not described and assessed in the EIS. These may require a new planning approval and may need to be referred to the Department.

- (f) include an adaptive management process to be implemented if the review of the risk assessment indicates that any measure that has been implemented is not effective in managing the identified risk(s) and a process to update the measure;

Note: If a management plan is prepared for a particular environmental aspect, the plan may refer to the monitoring and evaluation processes detailed in the relevant management plan.

- (g) set out the procedures that would be implemented to:
 - (i) keep the local community and relevant agencies informed about the operation and environmental performance of the development;
 - (ii) receive, handle, respond to, and record complaints;
 - (iii) resolve any disputes that may arise;
 - (iv) respond to any non-compliance;
 - (v) respond to emergencies; and
- (h) include:
 - (i) references to any strategies, plans and programs approved under the conditions of this approval;
 - (ii) a clear plan depicting all the monitoring to be carried out in relation to the development, including a table summarising all the monitoring and reporting obligations under the conditions of this approval; and
- (i) include the complaints handling protocol required by condition C2.

The Proponent must not commence construction until the Environmental Management Plan is approved by the Planning Secretary.

Following approval, the Proponent must implement the Environmental Management Plan for the life of the development, or other timeframe agreed to by the Planning Secretary.

Complaints Handling Protocol

C2. The Proponent must prepare a Complaints Handling Protocol for the development. The Protocol must:

- (a) detail how complaints would be received by the Proponent;
- (b) detail how the contact details for receiving complaints would be communicated to surrounding businesses and/or landowners; and
- (c) include a complaints register to record the date, time and nature of the complaint, details of the complainant and any actions take to address the complaint.

The complaints register must be submitted to the Planning Secretary upon request.

REVISION OF ENVIRONMENTAL MANAGEMENT DOCUMENTS

C3. If updates to an environmental management document are required:

- (a) to include new information or changes to the development as a result of:
 - (i) a modification of project approval; or
 - (ii) a change in the phase of development as notified under condition C10;
- (b) to update risk controls or mitigation measures in response to a change in risk level identified by the annual review of the environmental risk assessment required by condition C1;
- (c) to address the findings of an Independent Environmental Audit under condition C15;
- (d) to implement the findings of an incident report required by condition C17;
- (e) to comply with a directive by the Planning Secretary;

the relevant environmental management document(s) must be revised and submitted to the Planning Secretary for approval within three months unless otherwise agreed by the Planning Secretary.

Note: This is to ensure that environmental management documents are updated regularly and to incorporate any recommended measures to improve the development's environmental performance.

STAGING DEVELOPMENT DELIVERY

C4. The development may be undertaken in stages (including but not limited to temporal, location or activity-based staging). Where staging is proposed, the Proponent must prepare a Staging Report for pre-construction minor works, road upgrades, construction, operation or all stages as applicable. The Staging Report must:

- (a) be endorsed by the ER;
- (b) be submitted to the Planning Secretary and relevant Council/s no later than one (1) month before the commencement of the first proposed stage detailed in the staging report;
- (c) where changes are proposed to the staging, a revised Staging Report must be prepared, endorsed by the ER and submitted to the Planning Secretary and relevant Council/s for information no later than one (1) month prior to the proposed change in the staging;
- (d) provide a clear description of:
 - (i) the trigger for staging the development;
 - (ii) the specific stages and scope of the development proposed in each stage;
 - (iii) any existing stages;
 - (iv) any future stages planned;
 - (v) a schedule for the current and future stages;

- (e) specify how compliance with conditions will be achieved across and between stages; and
 - (f) set out mechanisms for managing cumulative impacts arising from the proposed staging.
- C5. The development must be delivered in accordance with the Staging Report submitted to the Planning Secretary.
- C6. Where staging is proposed, the terms of this approval that apply are relevant to the work or activities to be carried out in a specific stage must be complied with at the relevant time for that stage.

Note: Amendments to the Staging Report are facilitated by submitted a revised staging report in accordance with the above condition.

STAGING, COMBINING AND UPDATING ENVIRONMENTAL MANAGEMENT DOCUMENTS

- C7. With the approval of the Planning Secretary, the Proponent may:
- (a) prepare any environmental management document required by this approval on a staged basis (if a clear description is provided as to the specific stage and scope of the development to which the document applies, the relationship of the stage to any future stages and the trigger for updating the document);
 - (b) combine environmental management documents if the Proponent can demonstrate a clear nexus between the nominated documents, the impact of combining the nominated documents and how the nominated documents will still comply with the conditions of this approval;
 - (c) update any environmental management document required by this approval (to ensure the strategies, plans and programs required under this approval are updated on a regular basis and incorporate additional measures or amendments to improve the environmental performance of the development).
- C8. Staging requests made to the Planning Secretary must be consistent with the stages detailed in a Staging Report submitted to the Planning Secretary under conditions C4 and C5.
- C9. With the approval of the Planning Secretary, an environmental management document may be staged or updated without:
- (a) consultation being undertaken with all parties required to be consulted in the relevant condition in this approval; and/or
 - (b) addressing particular requirements of the relevant condition of this approval if those requirements do not apply to the specific stage.

NOTIFICATIONS

Notification of Department

- C10. The Department must be notified, in writing, prior to the date of commencement of each of the following development phases:
- (a) commencement of pre-construction minor works under the approval;
 - (b) commencement of construction under the approval;
 - (c) commencement of operations under the approval.

If the phases of the development are to be further staged, the Department must be notified, in writing, prior to the commencement of each stage, noting the date of commencement and the development to be carried out in that stage.

Notification to landowners

- C11. Prior to commencing construction, the Proponent must notify the owners of dwellings listed in condition B46 of their rights under condition B46.

Final Layout Plans

- C12. Prior to commencing construction, the Proponent must submit detailed plans of the final layout of the development to the Department via the NSW Planning Portal (Major Projects). The final layout plans must include:
- (a) details on siting of transmission towers and ancillary infrastructure and / or ancillary facilities; and
 - (b) showing comparison to the approved layout and approved vegetation clearing.
- C13. The Proponent must ensure that the development is constructed in accordance with the final layout plans.

Works as Executed Plans

- C14. Prior to commencing operations, the Proponent must submit plans that confirm the constructed layout of the development and showing comparison to the final layout plans to the Planning Secretary, via the NSW Planning Portal (Major Projects).

INDEPENDENT ENVIRONMENTAL AUDIT

- C15. Independent Environmental Audits of the development must be conducted and carried out in accordance with the *Independent Audit Post Approval Requirements* published on the Department's website.

COMPLIANCE

Non-compliance Notification

- C16. Within seven days of becoming aware of a non-compliance, the Proponent must notify the Department of the non-compliance. The notification must:
- (a) be in writing;
 - (b) submitted via the NSW Planning Portal (Major Projects);
 - (c) identify the development (including the development application number and name);
 - (d) set out the condition of this approval that the development is non-compliant with;
 - (e) why it does not comply;
 - (f) the reasons for the non-compliance (if known); and
 - (g) what actions have been undertaken or will be undertaken, and when, to address the non-compliance.

Note: A non-compliance that has been notified as an incident does not need also to be notified as a non-compliance.

Incident Notification

- C17. The Proponent must notify the Department within 24 hours of becoming aware of an incident. The notification must be made via the NSW Planning Portal (Major Projects) and address details of the incident, including:
- (a) date, time and location;

- (b) a brief description of what occurred and why it has been classified as an incident;
- (c) a description of what immediate steps were taken in relation to the incident; and
- (d) identifying a contact person for further communication regarding the incident.

C18. The Proponent must provide the Department with a subsequent incident report in accordance with Appendix 6.

ACCESS TO INFORMATION

C19. Prior to the commencement of work under this approval and for the life of the development, the following information and documents must be publicly available on the development website as they are obtained, approved or as otherwise stipulated within the conditions of this approval:

- (a) the EIS;
- (b) all current statutory approvals for the development;
- (c) all approved environmental management documents required under the conditions of this approval;
- (d) the staging report for the development, if the development is to be staged;
- (e) a summary of the current stage and progress of the development;
- (f) contact details to enquire about the development or to make a complaint;
- (g) a complaints register, updated monthly;
- (h) audit reports prepared as part of any Independent Environmental Audit of the development and the Proponent's response to the recommendations in any audit report;
- (i) any other matter required by the Planning Secretary; and
- (j) keep such information up to date.

Where the information / document relates to a particular work or is required to be implemented, it must be published before the commencement of the relevant work to which it relates or before its implementation.

APPENDIX 1 DEVELOPMENT LAYOUT

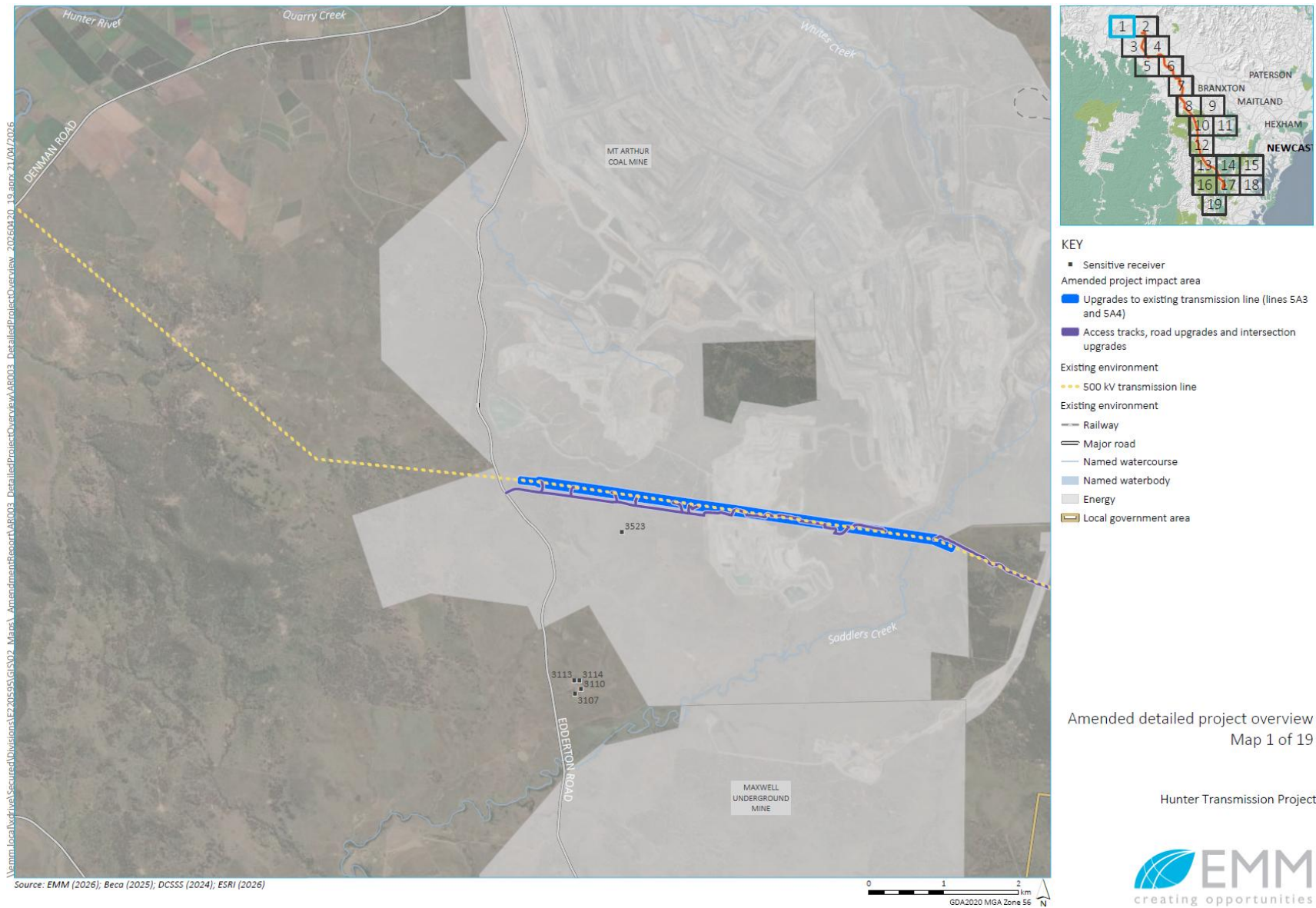


Figure 1 | Development layout (Map 1 of 19)

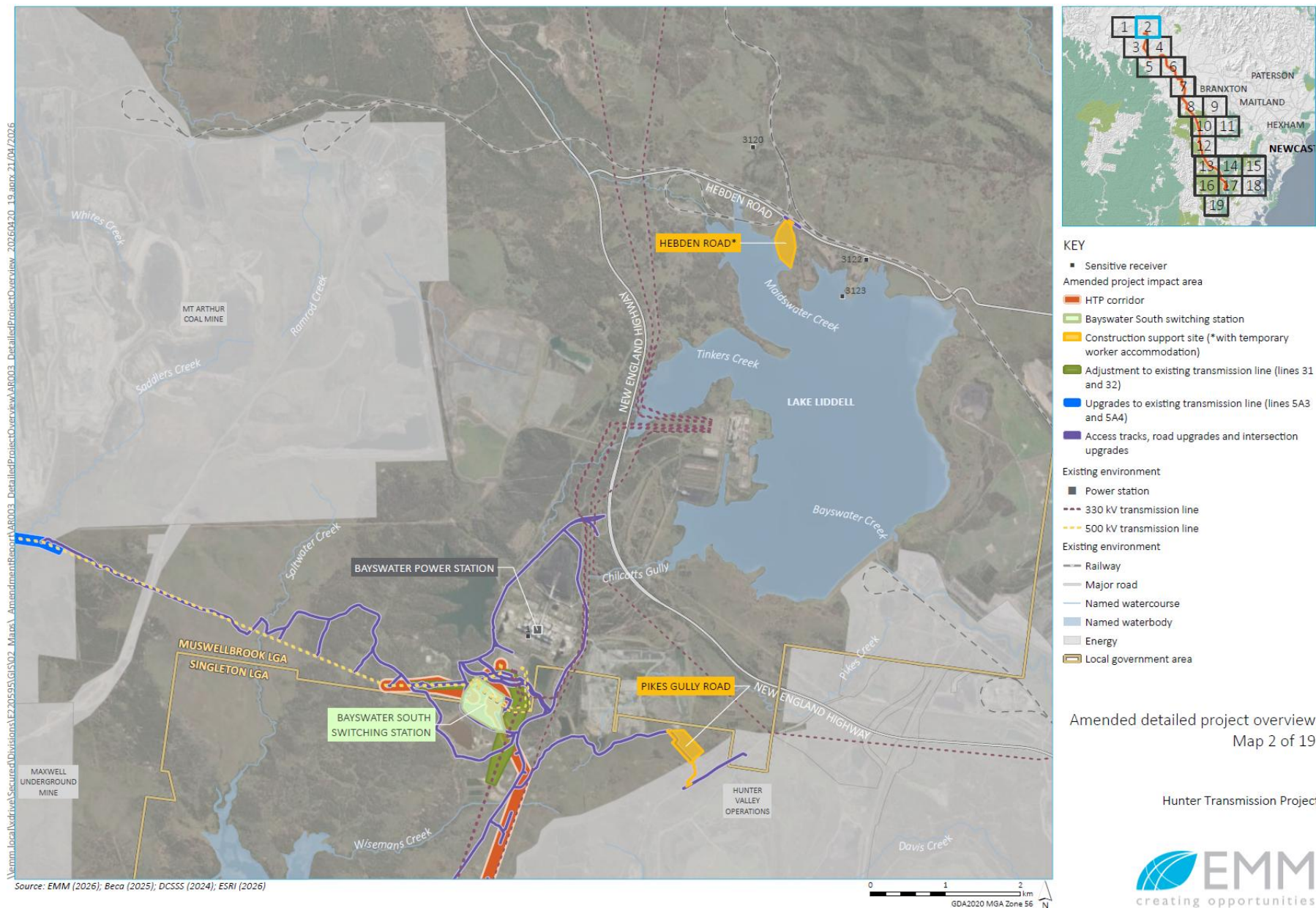


Figure 2 | Development layout (Map 2 of 19)

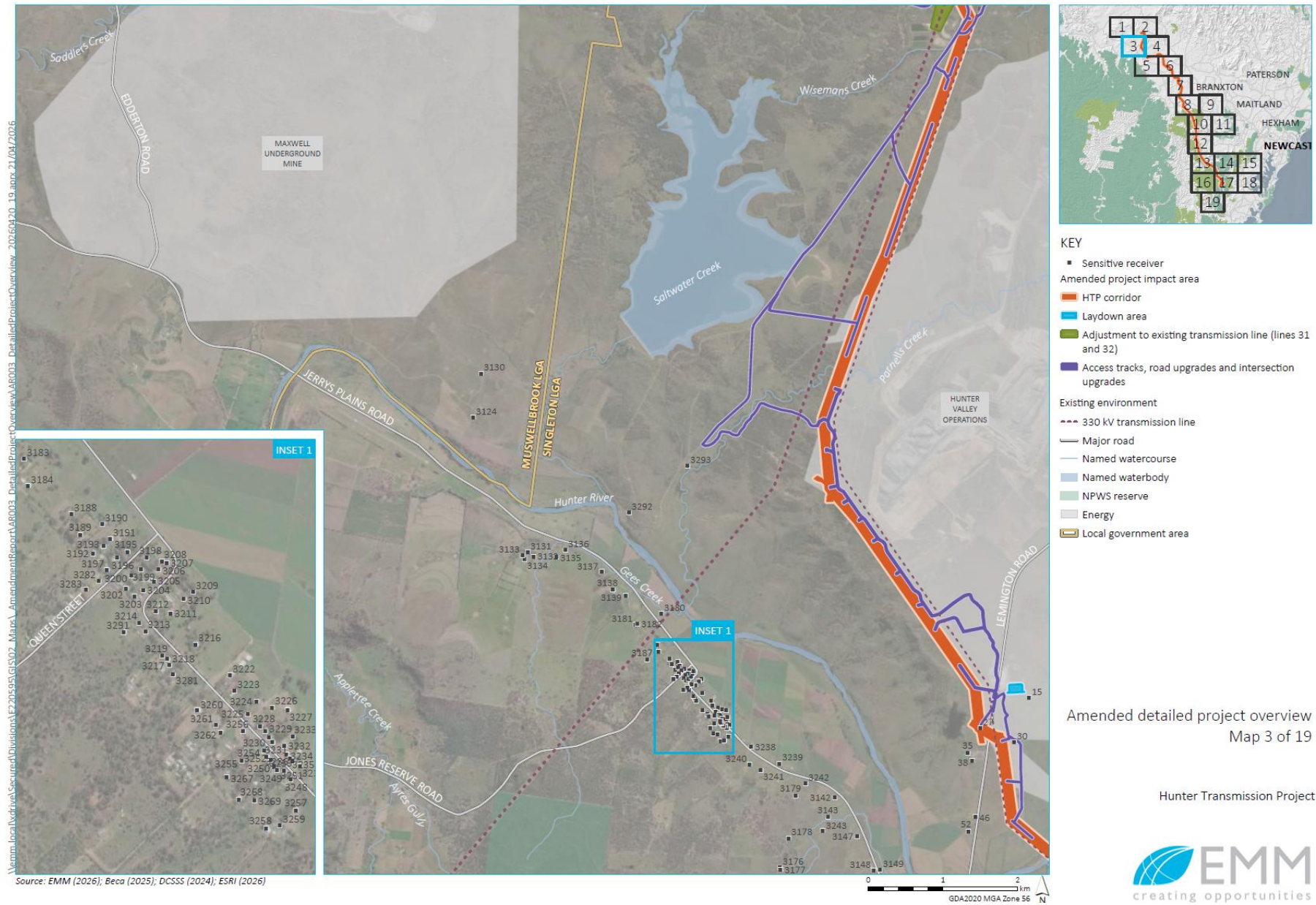


Figure 3 | Development layout (Map 3 of 19)

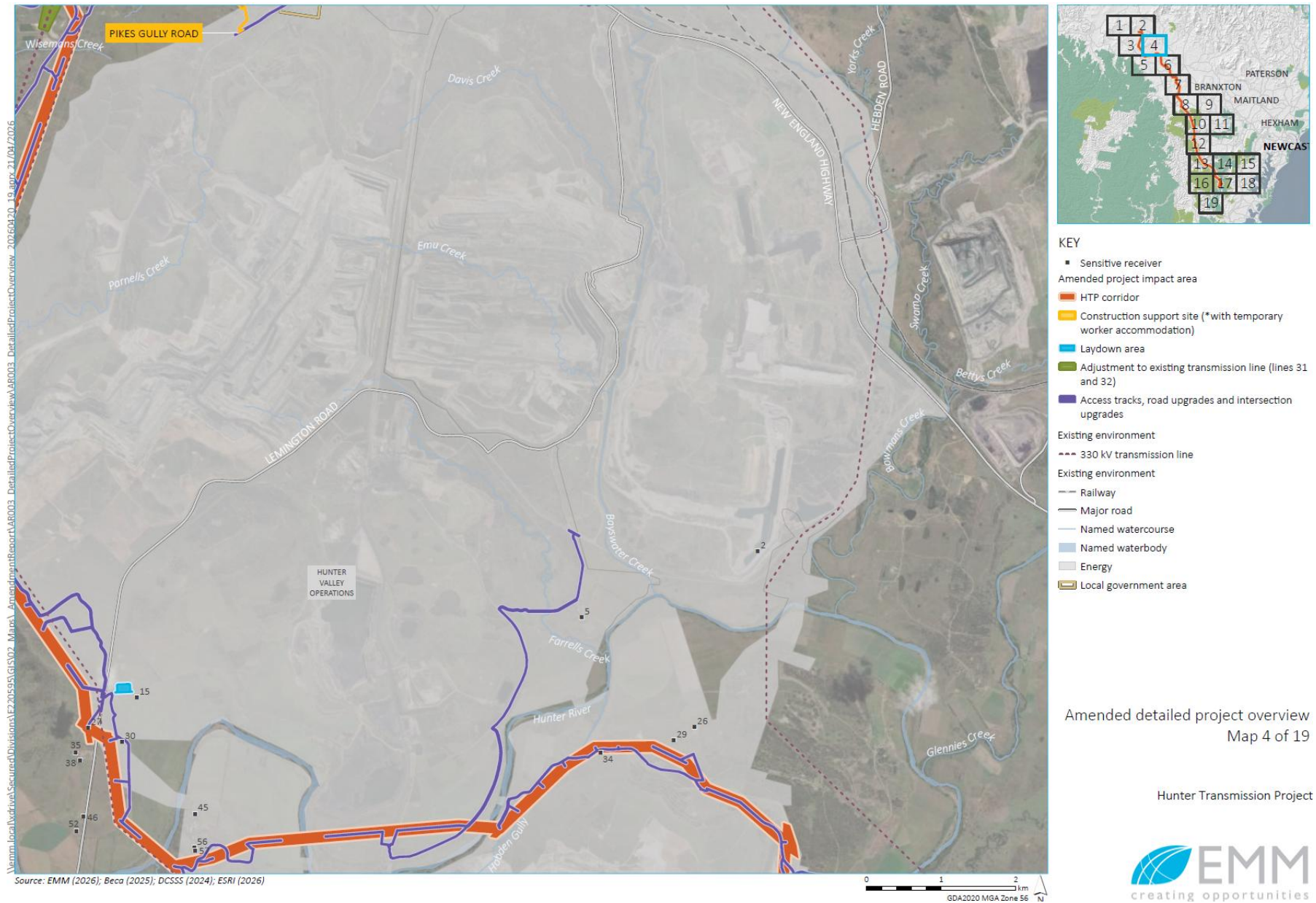


Figure 4 | Development layout (Map 4 of 19)

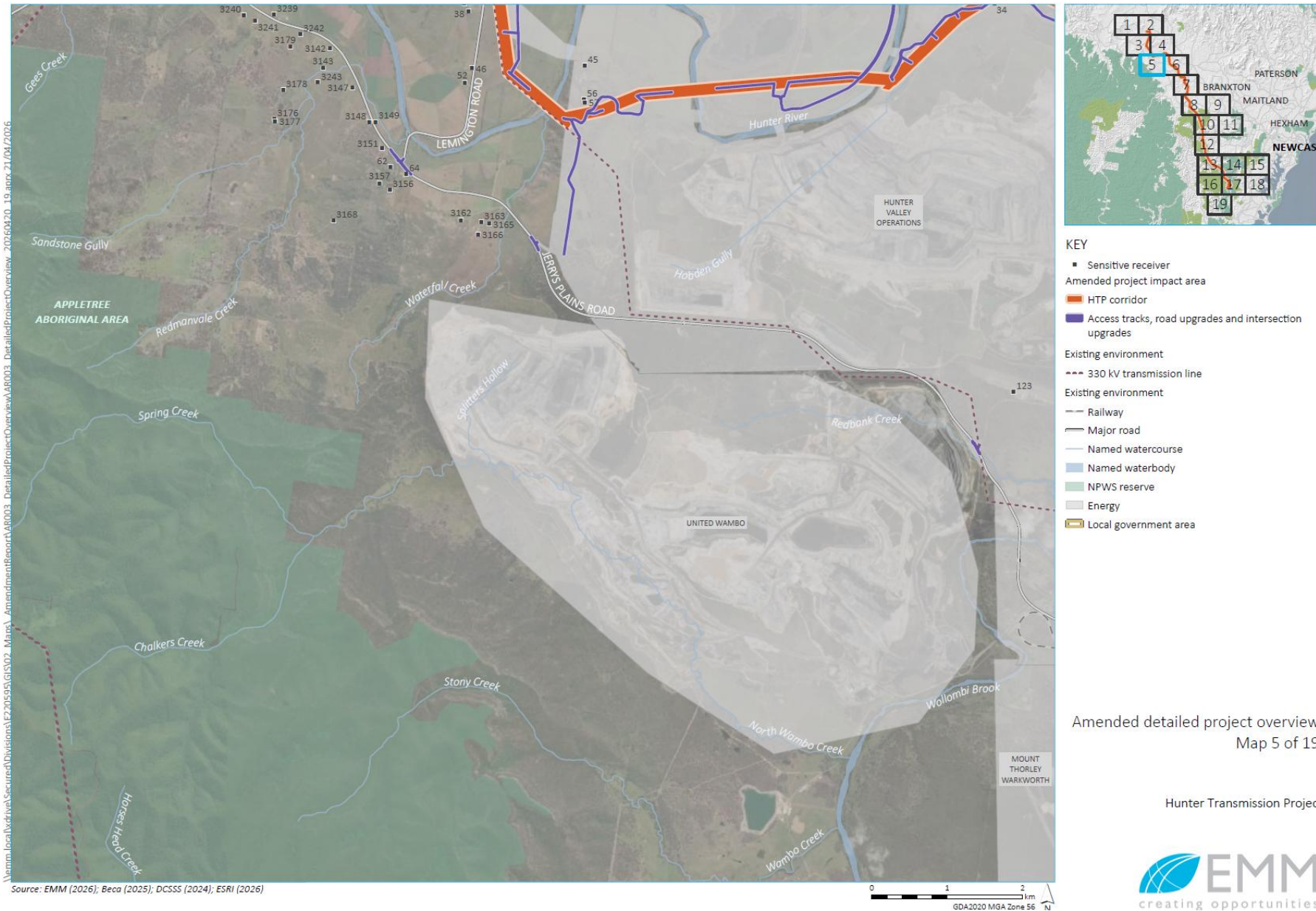


Figure 5 | Development layout (Map 5 of 19)

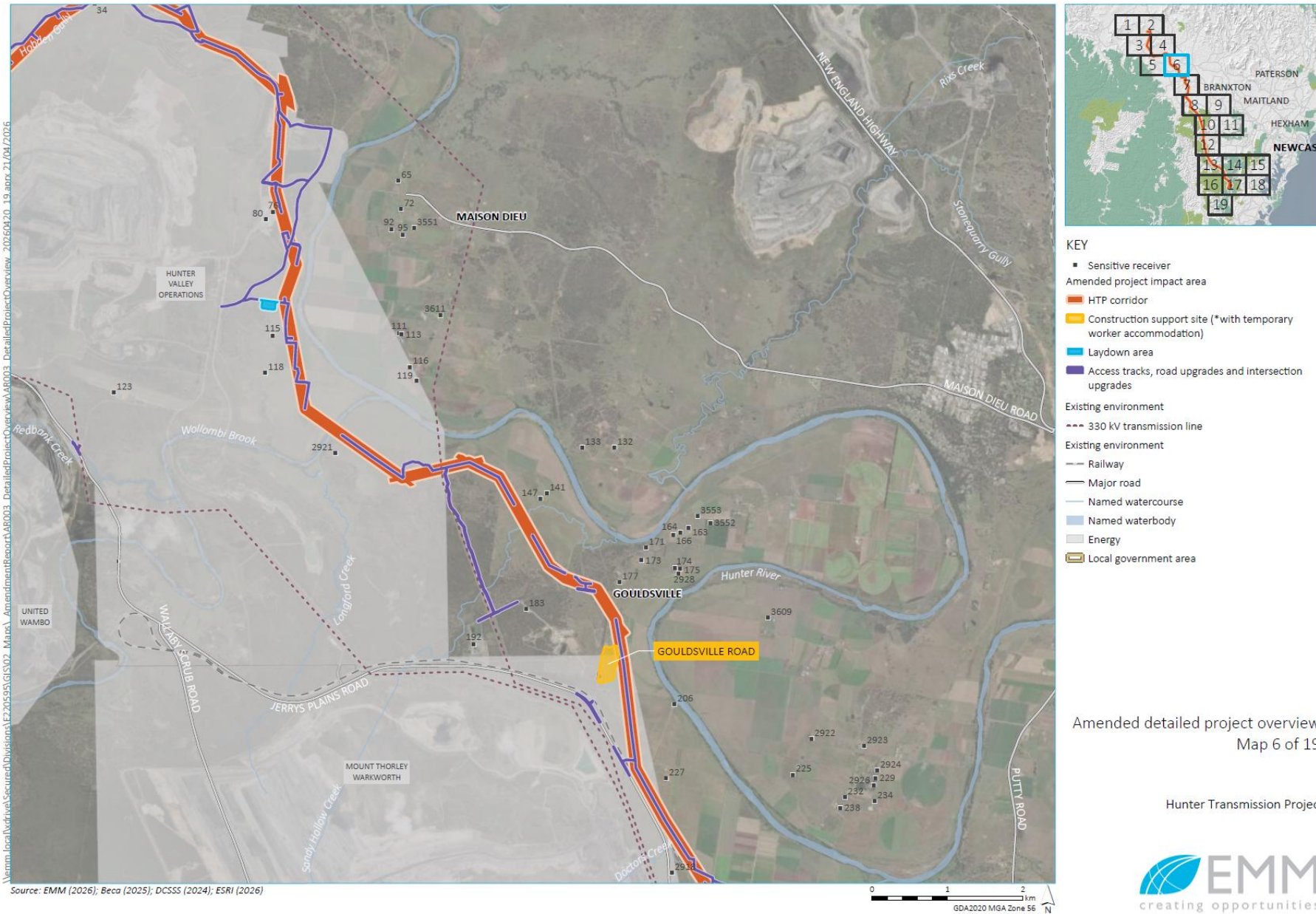


Figure 6 | Development layout (Map 6 of 19)

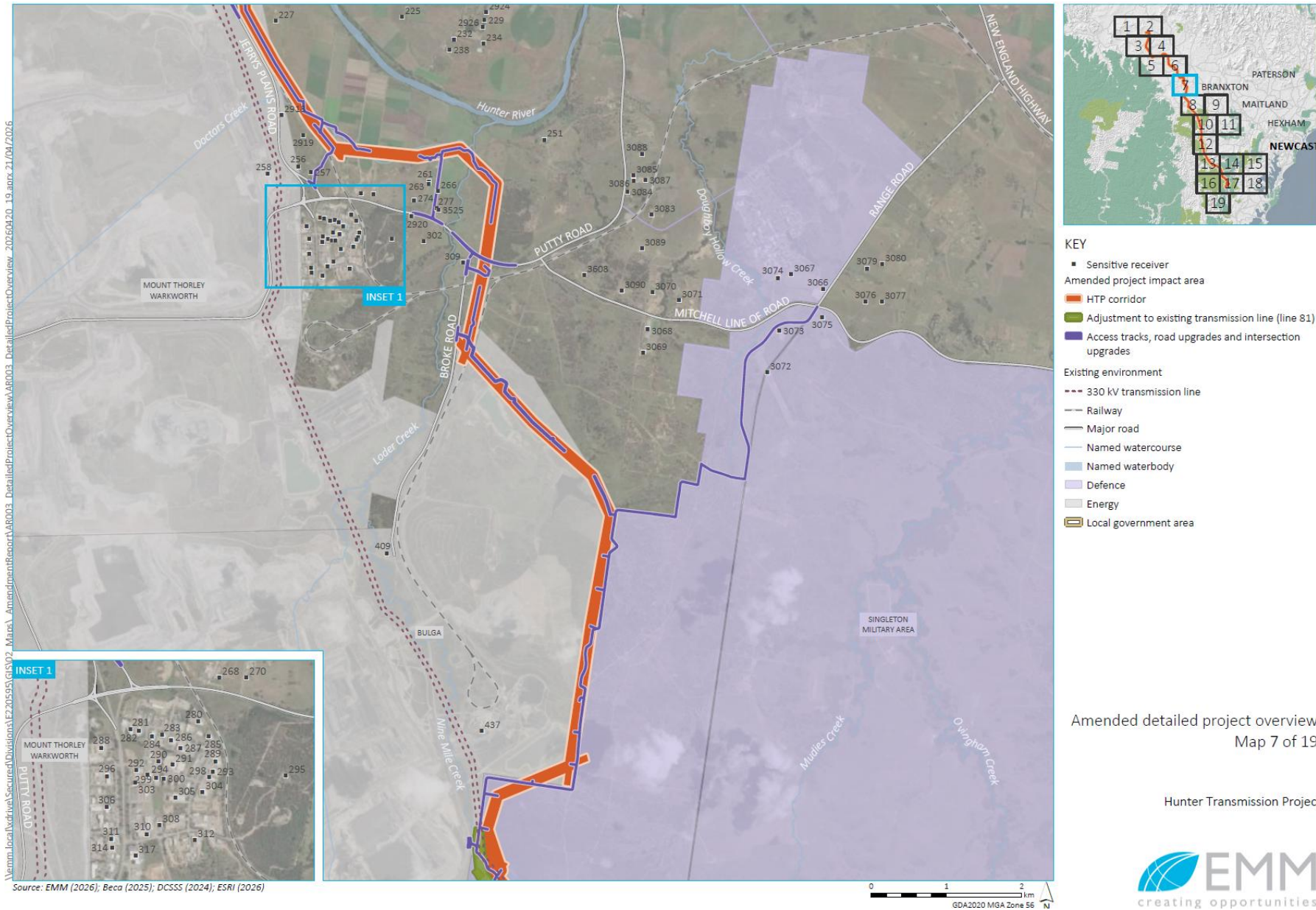


Figure 7 | Development layout (Map 7 of 19)



Figure 8 | Development layout (Map 8 of 19)



Figure 9 | Development layout (Map 9 of 19)

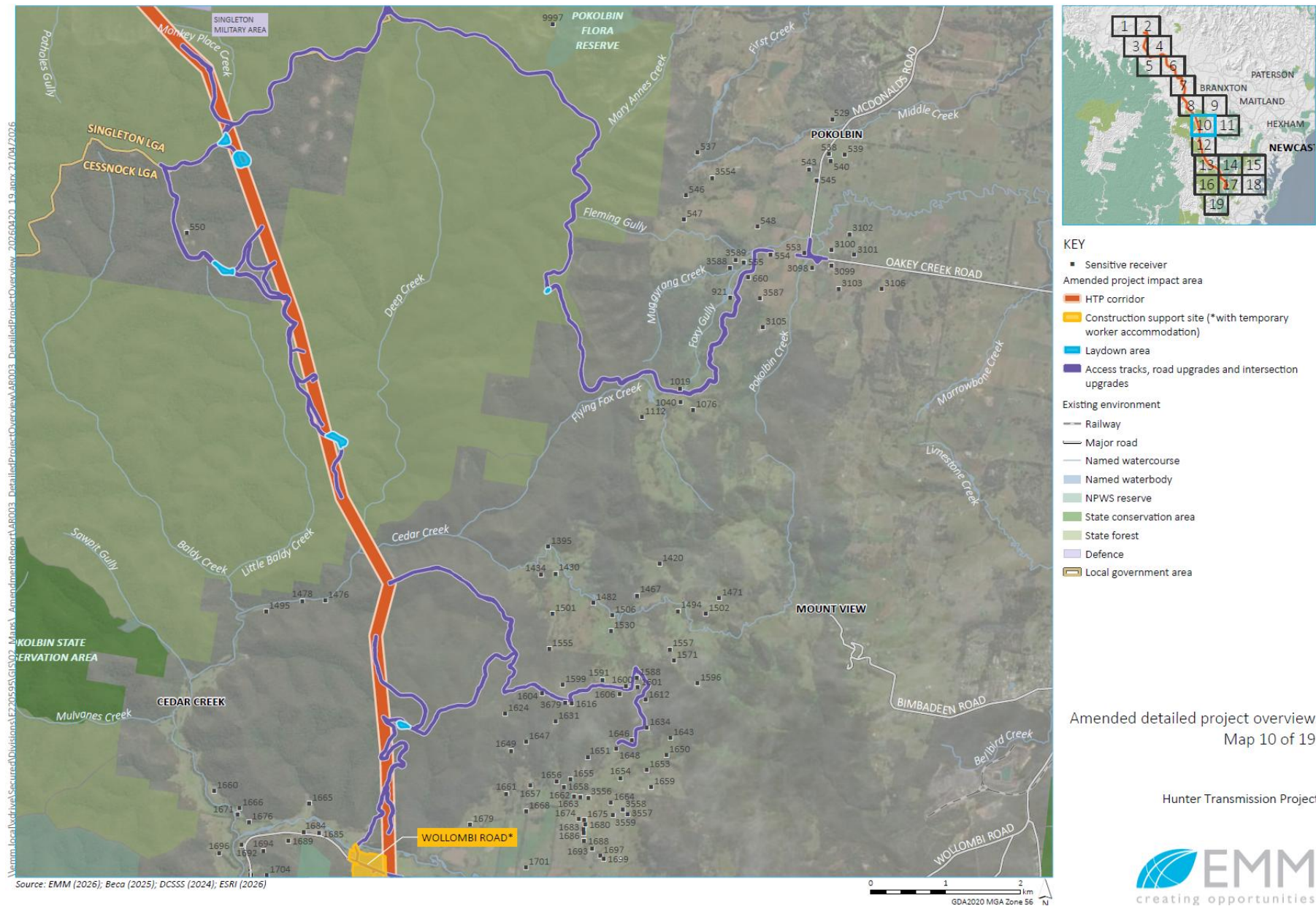


Figure 10 | Development layout (Map 10 of 19)



Figure 11 | Development layout (Map 11 of 19)

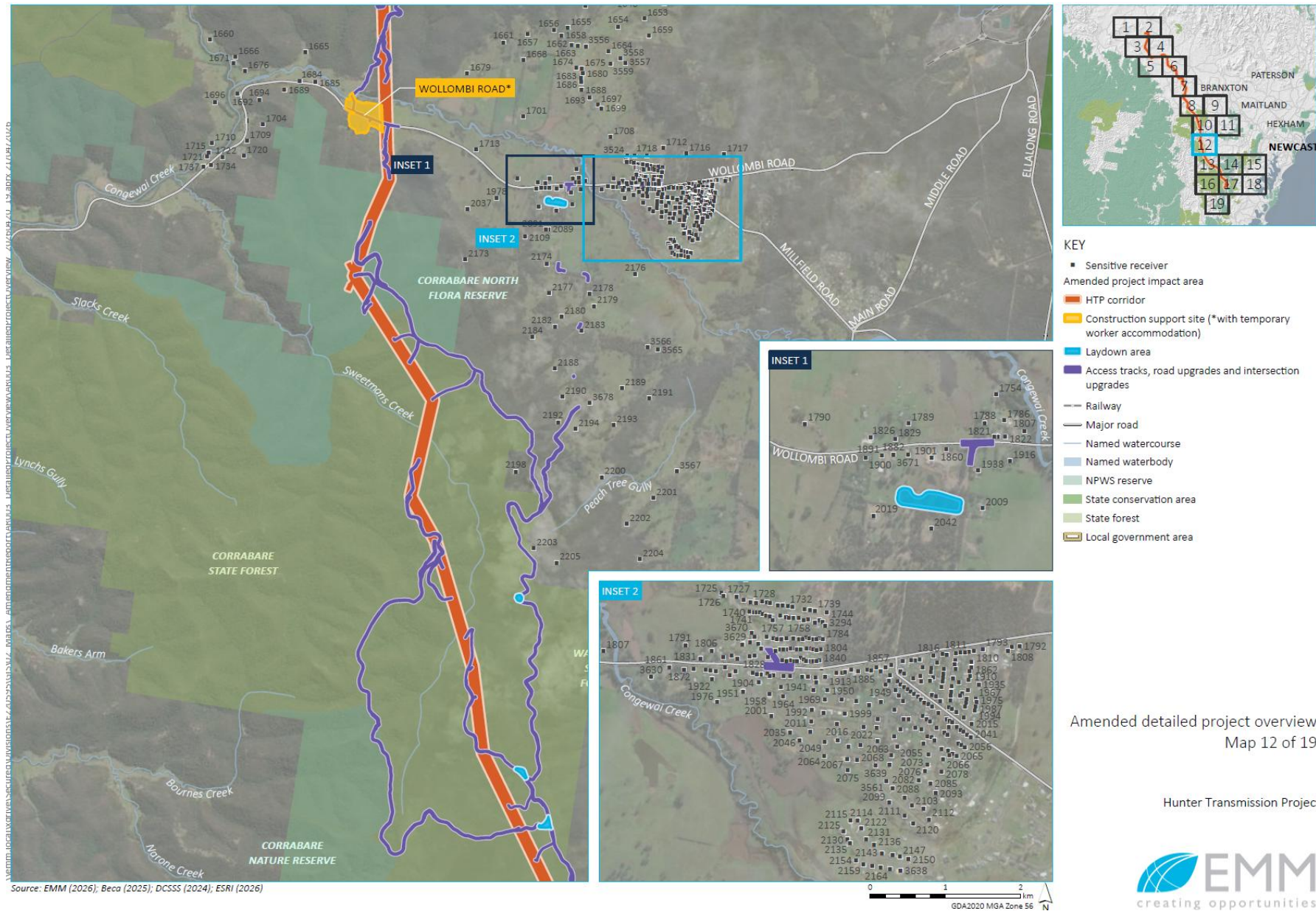


Figure 12 | Development layout (Map 12 of 19)

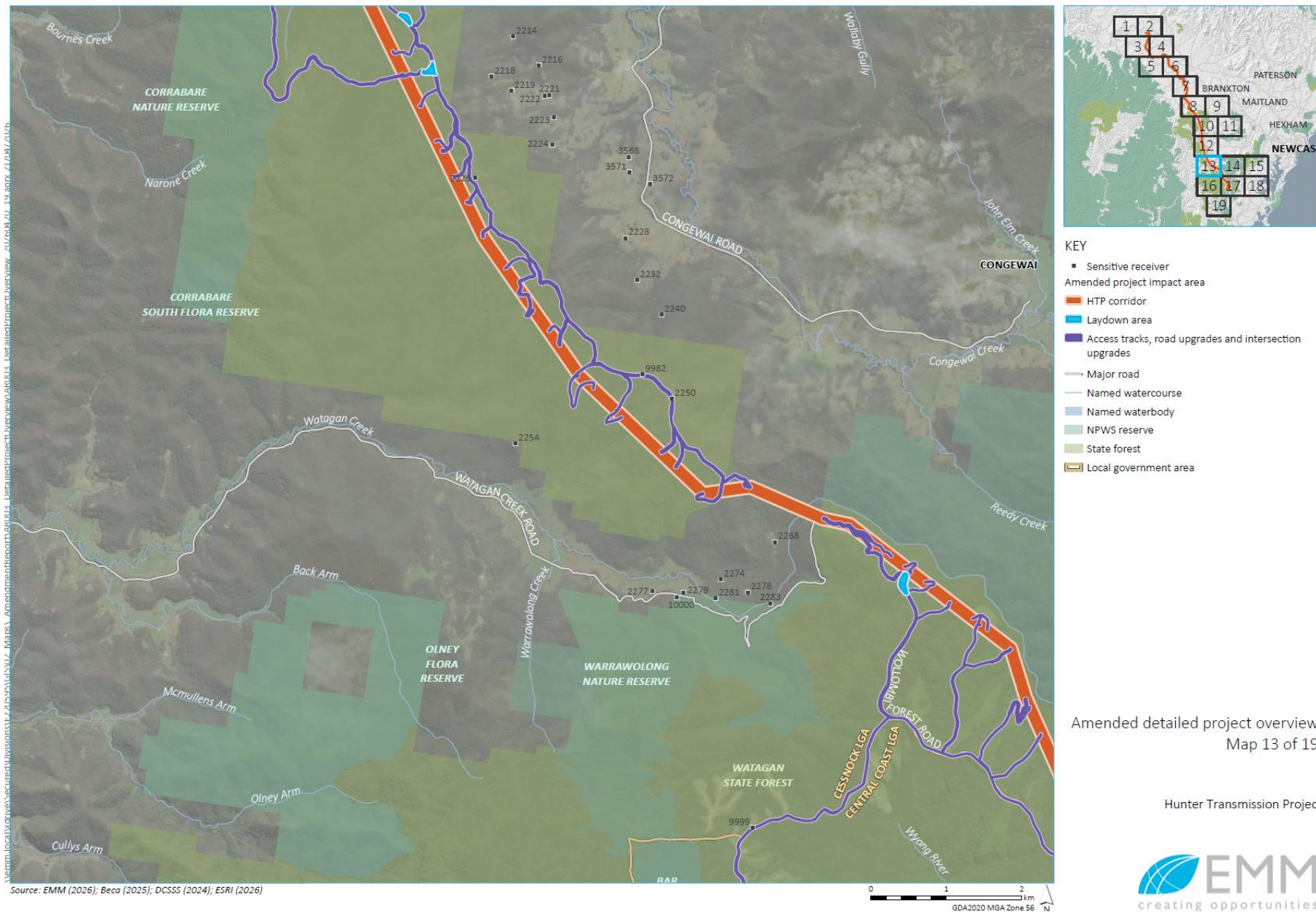


Figure 13 | Development layout (Map 13 of 19)

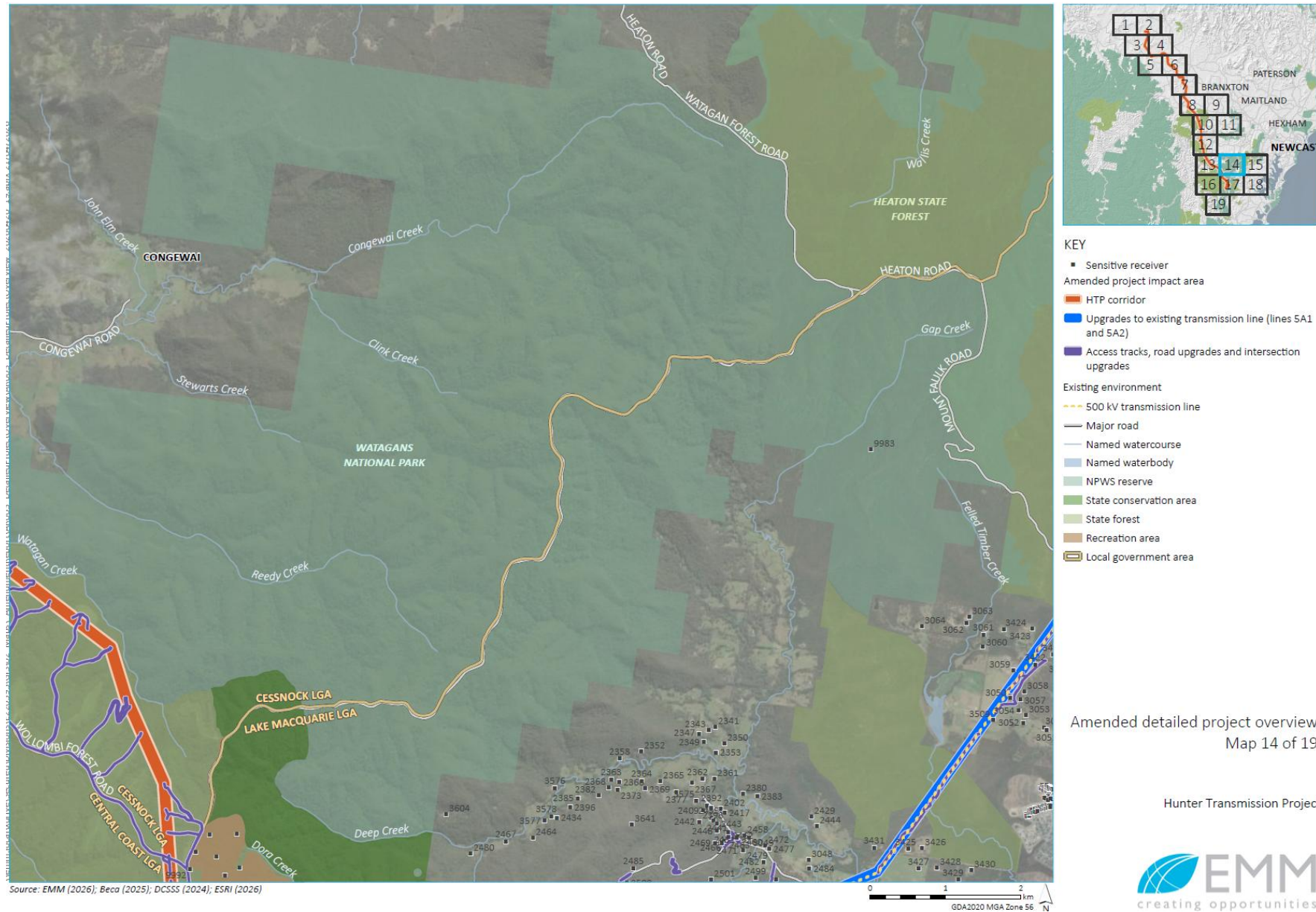


Figure 14 | Development layout (Map 14 of 19)

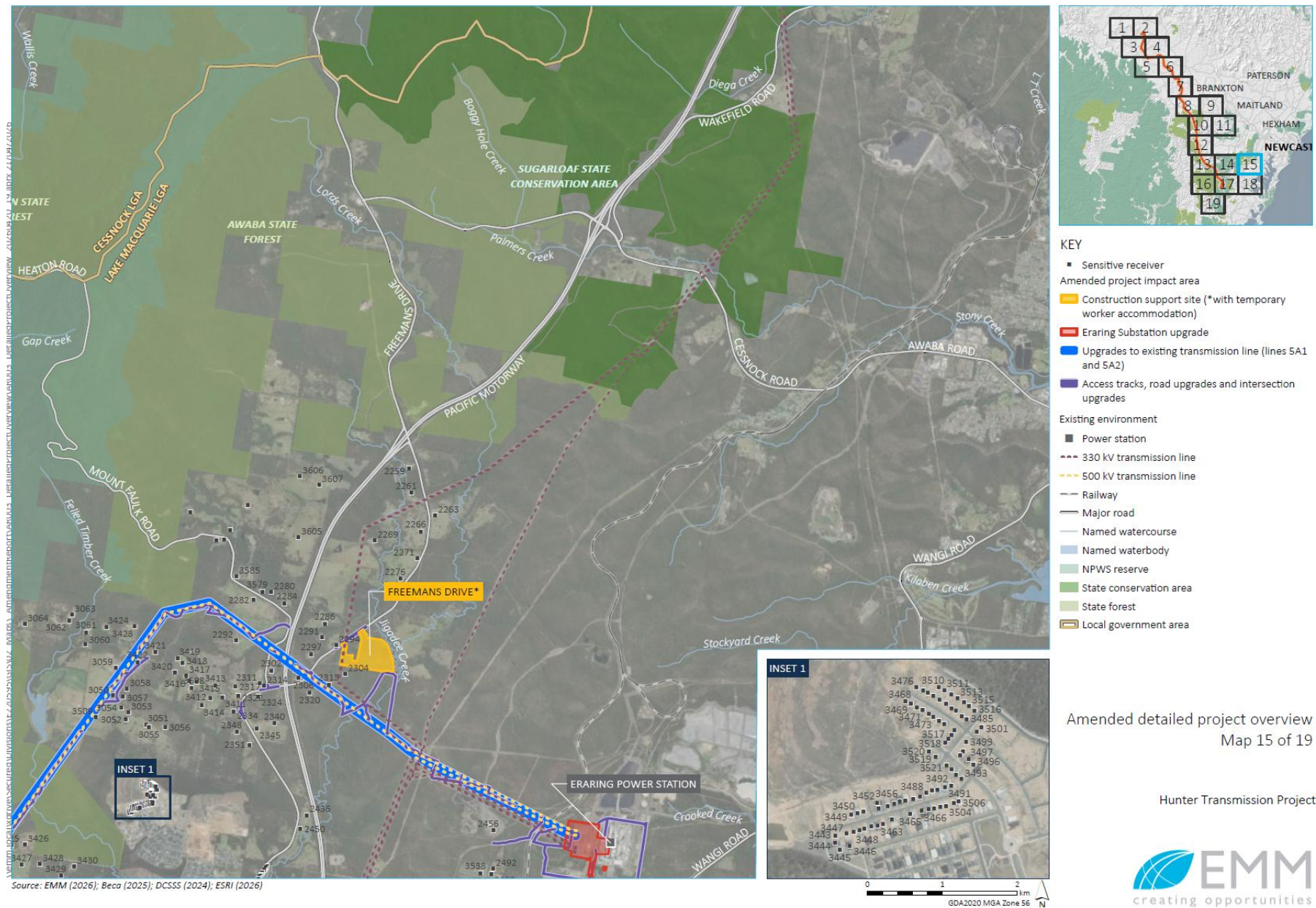


Figure 15 | Development layout (Map 15 of 19)

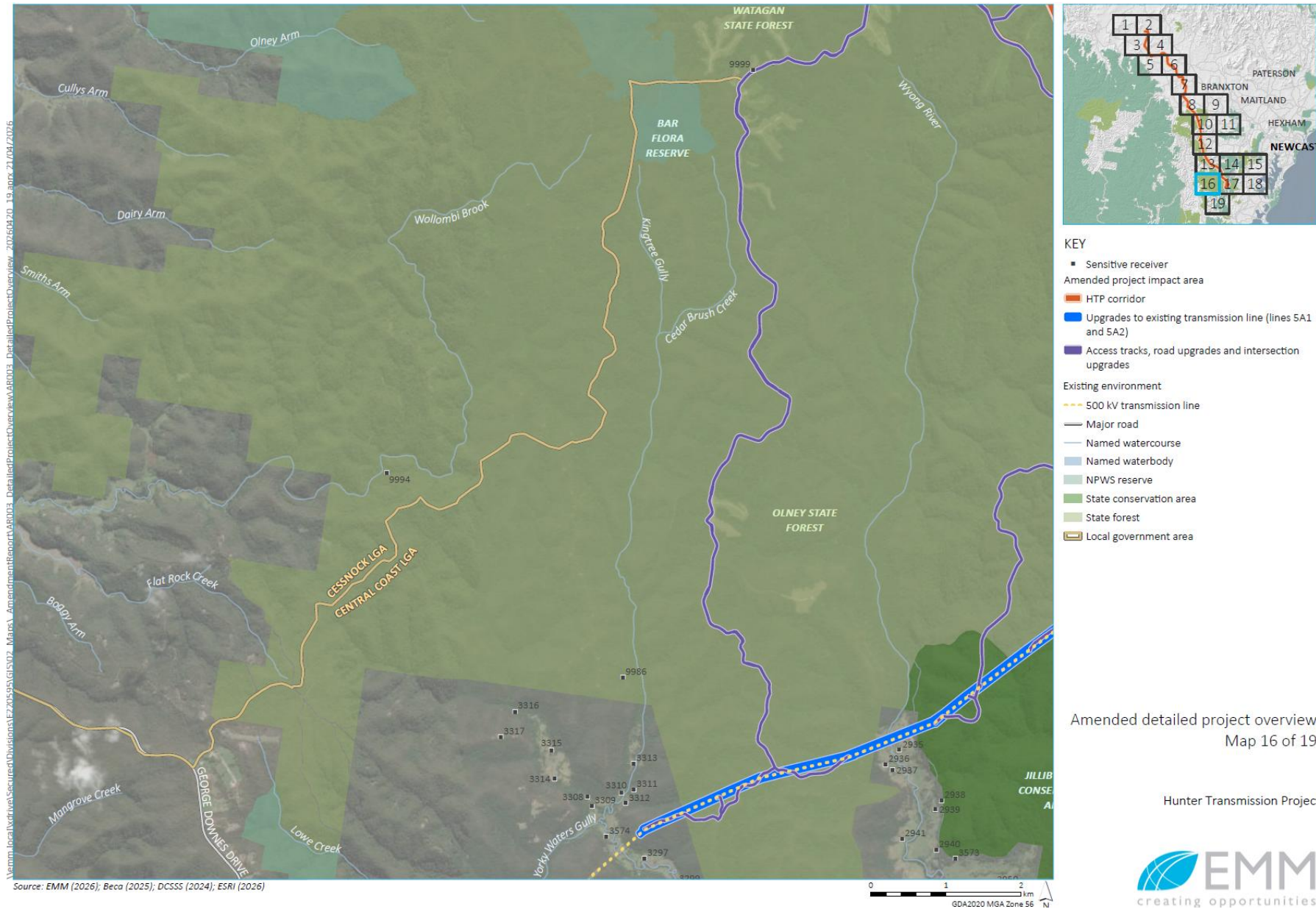


Figure 16 | Development layout (Map 16 of 19)

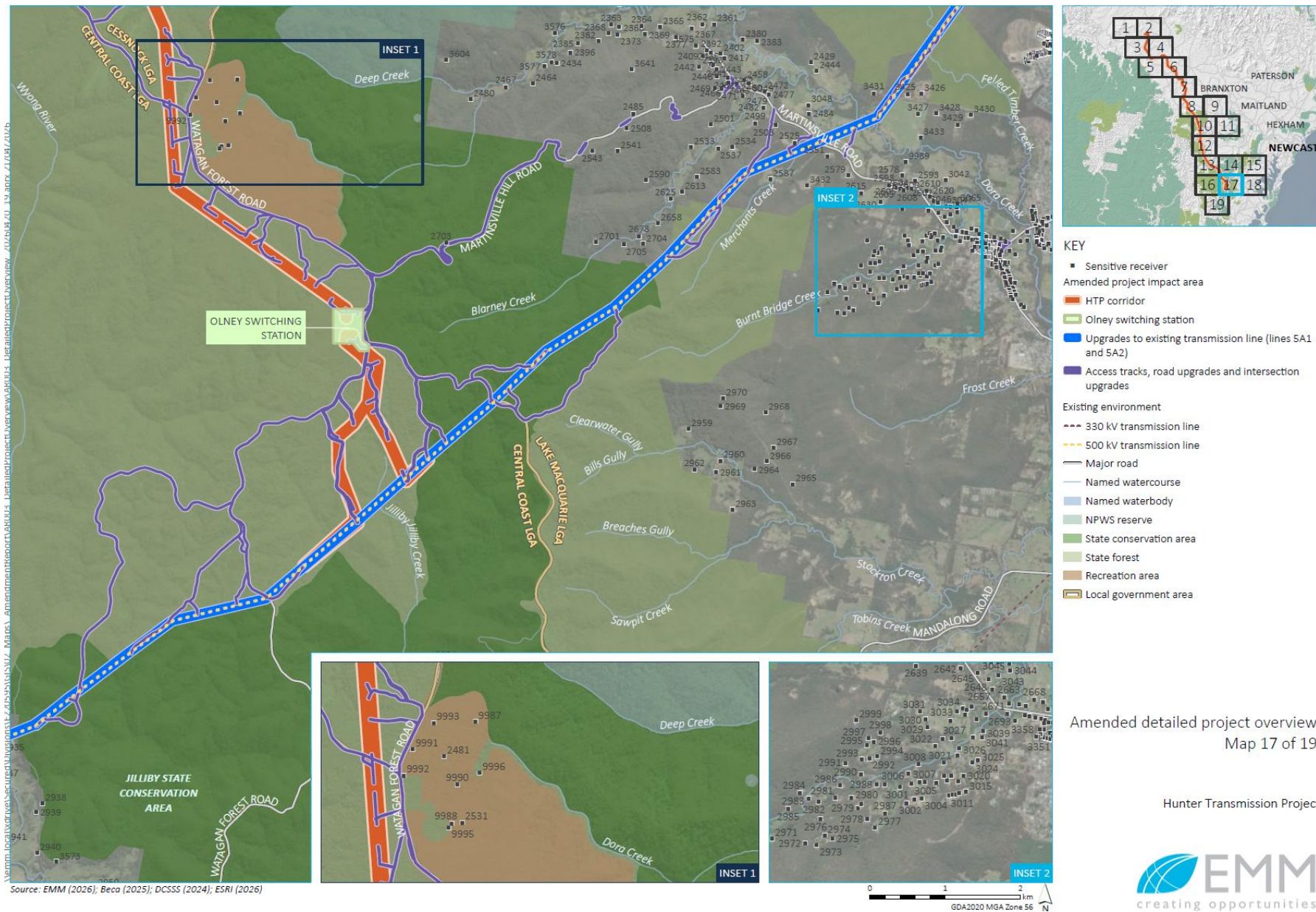


Figure 17 | Development layout (Map 17 of 19)

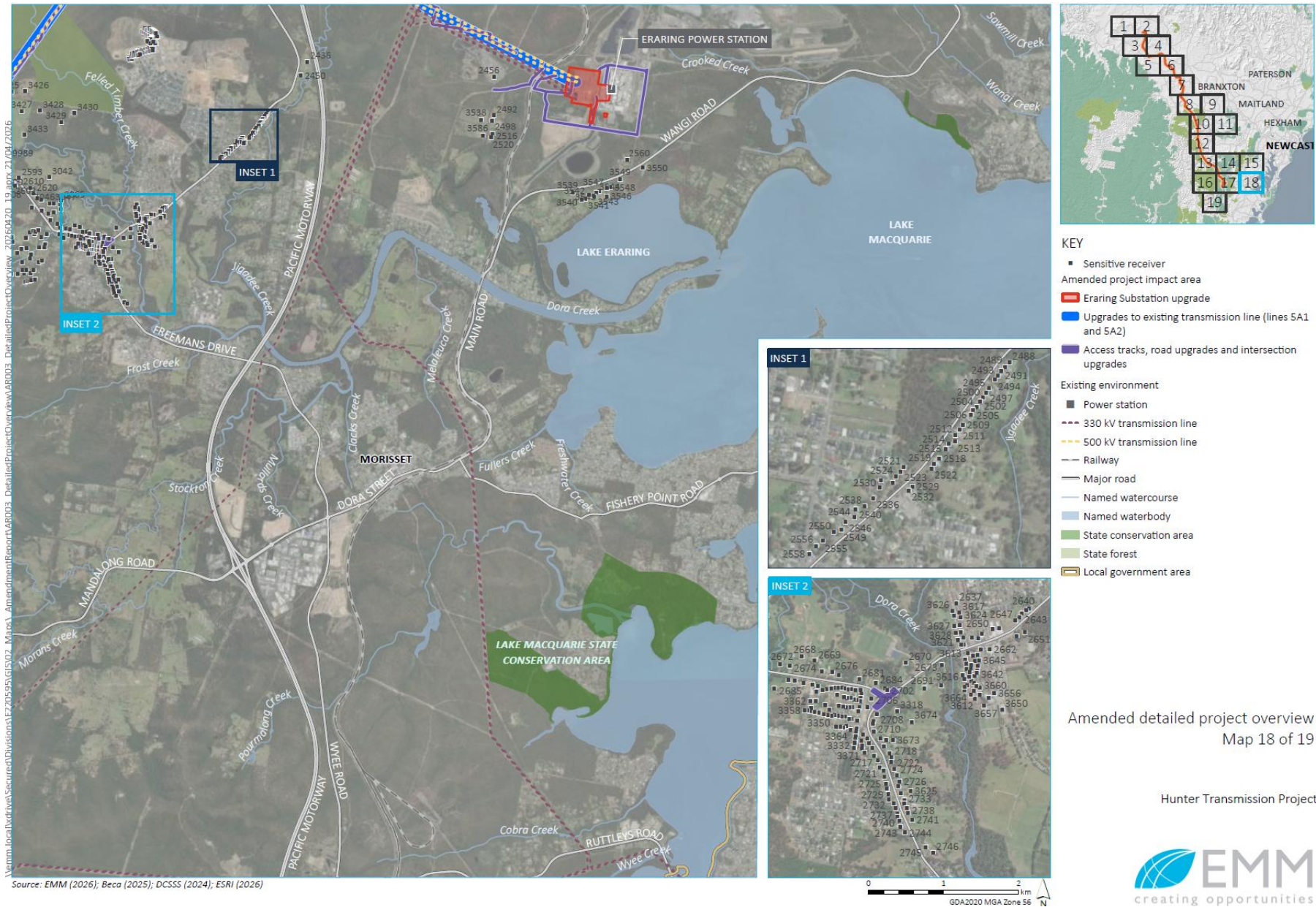


Figure 18 | Development layout (Map 18 of 19)

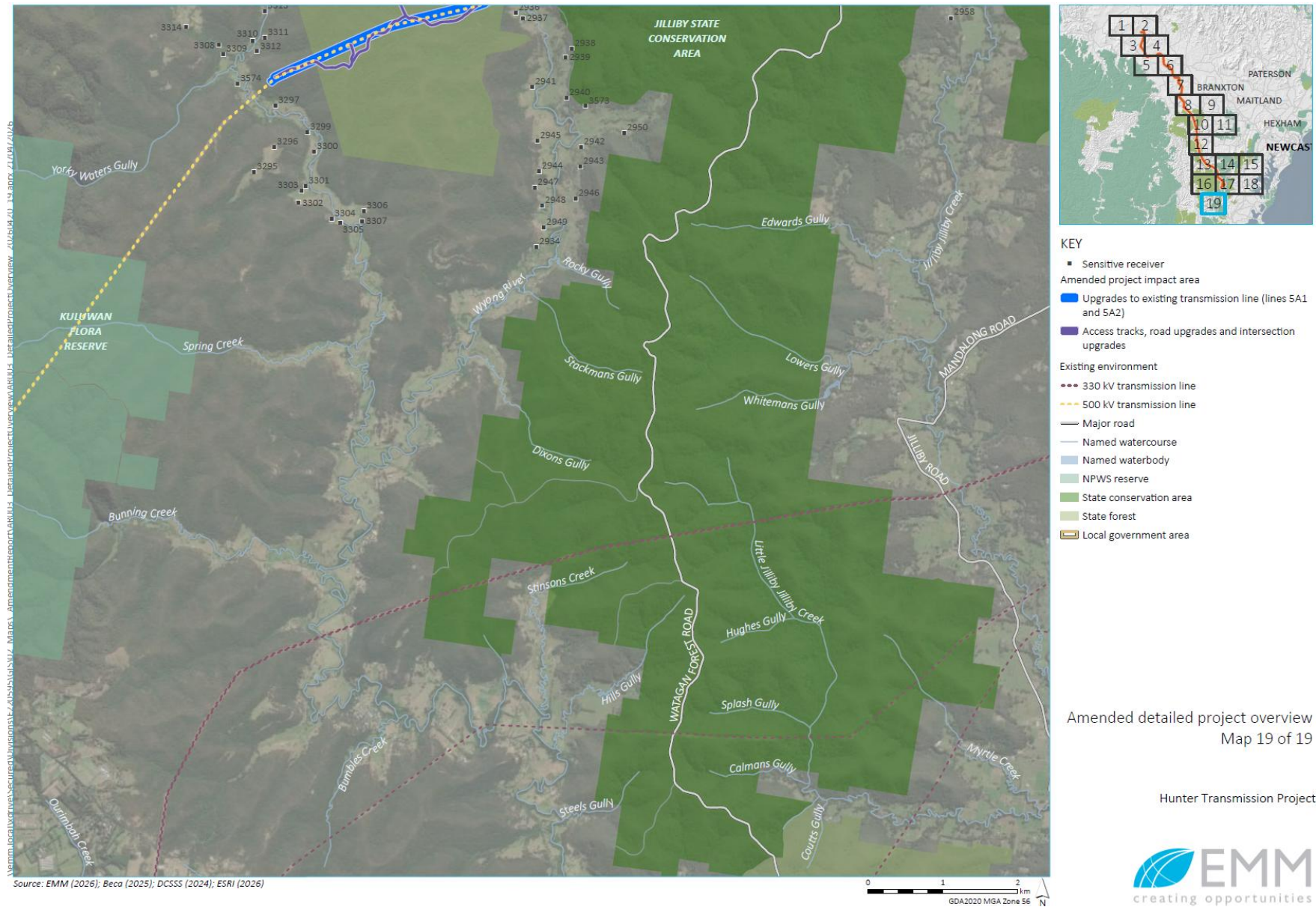


Figure 19 | Development layout (Map 19 of 19)

APPENDIX 2 ABORIGINAL HERITAGE

Table 3 | Aboriginal heritage items - avoid impacts

AHIMS ID	Site name	Site type
37-6-0552/ 37-6-0809	Monkey Place Creek / Broken Back Trail	Grinding groove(s) with water hole
37-6-3714	DEEP CK MOTHER SWA	Rockshelter, art (pigment or engraved)
37-6-3782	SWEETMANS CK OCHRE BOULDE SWA	Rockshelter, art (pigment or engraved), stone arrangement
37-6-3967	Pokolbin SF_C-345 AGG	Grinding groove(s)
37-6-4484	HTP-C-GG03	Grinding groove(s)
37-6-4506	HTP-C-GG04	Grinding groove(s)
37-6-4537	HTP-C-SA03	Stone arrangement
37-6-4538	HTP-C-SA01	Stone arrangement
37-6-4555	HTP-C-SA02 (Trig Road cultural landscape)	Stone arrangement
37-6-4556	HTP-C-SA04 (Trig Road cultural landscape)	Stone arrangement
37-6-4566	HTP-C-GG01	Grinding groove(s)
45-3-2456	TRGG GRINDING GROOVE SITE	Grinding groove(s)
45-3-3018	Null Road 2	Grinding groove(s)
45-3-3619	Corrobare State Forest, cnr of Langdans Road	Grinding groove(s)
45-3-4516	CABANS RD CLIFF SWA	Rockshelter, art (pigment or engraved)
45-3-4543	Olney CPT 75/76 Douglas Pt GDG	Grinding groove(s)
45-3-5003	HTP-C-CP01 (Flat Rock lookout)	Cultural place
45-3-5005	HTP-S-GG01	Grinding groove(s)
45-3-5006	HTP-C-GG05	Grinding groove(s)
45-3-5010	HTP-C-CVM08	Stone arrangement

Table 4 | Aboriginal Heritage items - management and mitigation measures

AHIMS ID	Site name	Site Type	Level of Harm	Mitigation and management measures
33-2-0097	HTP-N-IF72	Isolated find	Complete	Surface artefact collection
37-2-0500	BMP 1; Jerrys Plain	Moderate density artefact scatter (21-50)	Partial	Site-specific avoidance and options analysis. Surface artefact collection.

AHIMS ID	Site name	Site Type	Level of Harm	Mitigation and management measures
37-2-0549	P2; Plashette	Low density artefact scatter (≤ 20), potential archaeological deposit	Partial	Surface artefact collection; archaeological investigation and salvage excavation as required
37-2-0811	P16	High density artefact scatter (> 50), potential archaeological deposit	Partial	Site-specific avoidance and options analysis. Surface artefact collection; archaeological investigation and salvage excavation as required.
37-2-0814	P19	Low density artefact scatter (≤ 20), potential archaeological deposit	Partial	Surface artefact collection; archaeological investigation and salvage excavation as required
37-2-0815	IF1	Isolated find	Complete	Surface artefact collection
37-2-0817	P21	Low density artefact scatter (≤ 20)	Partial	Surface artefact collection
37-2-2021	ANT 4	Low density artefact scatter (≤ 20)	Partial	Surface artefact collection
37-2-6135	BAYS AS and PAD 15	Low density artefact scatter (≤ 20), potential archaeological deposit	Partial	Surface artefact collection; archaeological investigation and salvage excavation as required
37-2-6144	BAYS AS and PAD07	Low density artefact scatter (≤ 20), potential archaeological deposit	Partial	Surface artefact collection; archaeological investigation and salvage excavation as required
37-2-6282	Liddell Brine Pipeline AS2	Low density artefact scatter (≤ 20)	Complete	Surface artefact collection
37-2-6285	Liddell Brine Pipeline AS1	Low density artefact scatter (≤ 20)	Complete	Surface artefact collection
37-2-6495	HVOCP TR47-AS1	Low density artefact scatter (≤ 20)	Complete	Surface artefact collection
37-2-6497	HVOCP TR47-AS2	Moderate density artefact scatter (21-50), potential archaeological deposit	Partial	Site-specific avoidance and options analysis. Surface artefact collection; archaeological investigation and salvage excavation as required.
37-2-6498	HVOCP TR51-IF1	Isolated find	Complete	Surface artefact collection
37-2-6501	HVOCP TR50-IF1	Isolated find	Complete	Surface artefact collection
37-2-6502	HVOCP TR50-AS2	Low density artefact scatter (≤ 20), potential archaeological deposit	Complete	Surface artefact collection; archaeological investigation and salvage excavation as required
37-2-6503	HVOCP TR50-AS1	Low density artefact scatter (≤ 20)	Complete	Surface artefact collection
37-2-6514	HVOCP TR47-AS3	Moderate density artefact scatter (21-50), potential archaeological deposit	Partial	Site-specific avoidance and options analysis. Surface artefact collection; archaeological investigation and salvage excavation as required.
37-2-6541	Liddell Power Station-IF2	Isolated find	Complete	Surface artefact collection
37-2-6616	HTP24-AS1	Moderate density artefact scatter (21-50)	Partial	Site-specific avoidance and options analysis.

AHIMS ID	Site name	Site Type	Level of Harm	Mitigation and management measures
				Surface artefact collection.
37-2-6665	HTP-N-AS71	Moderate density artefact scatter (21-50), potential archaeological deposit	Partial	Site-specific avoidance and options analysis. Surface artefact collection; archaeological investigation and salvage excavation as required.
37-2-6666	HTP-N-AS15	High density artefact scatter (>50), potential archaeological deposit	Partial	Site-specific avoidance and options analysis. Surface artefact collection; archaeological investigation and salvage excavation as required.
37-2-6667	HTP-N-AS01	High density artefact scatter (>50)	Partial	Site-specific avoidance and options analysis. Surface artefact collection.
37-2-6674	HTP-N-AS19	Low density artefact scatter (≤ 20)	Partial	Surface artefact collection
37-2-6677	HTP-N-IF61	Isolated find	Complete	Surface artefact collection
37-2-6729	HTP-N-AS51	Low density artefact scatter (≤ 20)	Complete	Surface artefact collection
37-2-6732	HTP-N-IF53	Isolated find	Complete	Surface artefact collection
37-2-6735	HTP-N-AS06	Low density artefact scatter (≤ 20)	Complete	Surface artefact collection
37-2-6736	HTP-N-IF11	Isolated find	Complete	Surface artefact collection
37-2-6737	HTP-N-IF05	Isolated find	Complete	Surface artefact collection
37-2-6738	HTP-N-IF01	Isolated find	Complete	Surface artefact collection
37-2-6739	HTP-N-AS75	Low density artefact scatter (≤ 20)	Complete	Surface artefact collection
37-2-6740	HTP-N-AS74	Low density artefact scatter (≤ 20)	Partial	Surface artefact collection
37-2-6741	HTP-N-IF69	Isolated find	Complete	Surface artefact collection
37-2-6742	HTP-N-AS73	Low density artefact scatter (≤ 20)	Complete	Surface artefact collection
37-2-6744	HTP-N-AS72	Low density artefact scatter (≤ 20)	Partial	Surface artefact collection
37-2-6747	HTP-N-IF02	Isolated find	Complete	Surface artefact collection
37-2-6748	HTP-N-AS17	Low density artefact scatter (≤ 20)	Partial	Surface artefact collection
37-2-6749	HTP-N-AS20	Low density artefact scatter (≤ 20)	Complete	Surface artefact collection
37-2-6750	HTP-N-IF04	Isolated find	Complete	Surface artefact collection
37-2-6751	HTP-N-AS03	Low density artefact scatter (≤ 20)	Complete	Surface artefact collection
37-2-6752	HTP-N-IF71	Isolated find	Complete	Surface artefact collection
37-2-6755	HTP-N-IF65	Isolated find	Complete	Surface artefact collection
37-2-6757	HTP-N-IF08	Isolated find	Complete	Surface artefact collection
37-2-6758	HTP-N-IF06	Isolated find	Complete	Surface artefact collection
37-2-6759	HTP-N-IF03	Isolated find	Complete	Surface artefact collection
37-2-6760	HTP-N-AS67	Low density artefact scatter (≤ 20)	Complete	Surface artefact collection

AHIMS ID	Site name	Site Type	Level of Harm	Mitigation and management measures
37-2-6770	HTP-N-IF73	Isolated find	Complete	Surface artefact collection
37-2-6772	HTP-N-AS78	Low density artefact scatter (≤ 20)	Partial	Surface artefact collection
37-2-6773	HTP-N-AS77	Low density artefact scatter (≤ 20)	Partial	Surface artefact collection
37-3-0286	MD2;	Moderate density artefact scatter (21-50)	Partial	Surface artefact collection
37-3-1104	REA232	Low density artefact scatter (≤ 20)	Partial	Surface artefact collection
37-3-1614	HVOCP TR176-AS1	Low density artefact scatter (≤ 20)	Complete	Surface artefact collection
37-5-0568	HVO-983	Isolated find	Complete	Surface artefact collection
37-5-0704	United Open Site-1 (United OS-1)	Moderate density artefact scatter (21-50)	Partial	Surface artefact collection
37-5-0946	HVOCP TR89-AS1	Low density artefact scatter (≤ 20)	Complete	Surface artefact collection
37-5-0995	HTP-N-AS69	Low density artefact scatter (≤ 20), cultural deposit	Complete	Surface artefact collection; archaeological investigation and salvage excavation as required
37-5-0996	HTP-N-AS82	Low density artefact scatter (≤ 20), cultural deposit	Complete	Surface artefact collection; archaeological investigation and salvage excavation as required
37-5-0997	HTP-N-IF80	Isolated find, cultural deposit	Complete	No further mitigation, artefact collected as part of assessment
37-6-0553	Campbells Spring Track;	Culturally modified tree (scarred)	Partial	Site-specific avoidance and options analysis. Archival recording, relocate and conserve post-relocation culturally important components.
37-6-0615	Long Point Rd_2	Moderate density artefact scatter (21-50), potential archaeological deposit	Partial	Site-specific avoidance and options analysis. Surface artefact collection; archaeological investigation and salvage excavation as required.
37-6-0720	BR B1	Moderate density artefact scatter (21-50)	Partial	Site-specific avoidance and options analysis. Surface artefact collection.
37-6-0724	FF 6	Low density artefact scatter (≤ 20)	Complete	Surface artefact collection
37-6-0725	NR 1	Low density artefact scatter (≤ 20)	Partial	Surface artefact collection
37-6-0726	NR 2	Low density artefact scatter (≤ 20)	Partial	Surface artefact collection
37-6-1437	JP 16	Undefined artefact site, potential archaeological deposit	Partial	Surface artefact collection; archaeological investigation and salvage excavation as required
37-6-2780	Corrobare State Forest RD 1	Grinding groove(s)	Complete	Site-specific avoidance and options analysis. Archival recording, undertake further analysis as needed, relocate where feasible and required.
37-6-2833	BOP-IF6	Isolated find	Complete	Surface artefact collection

AHIMS ID	Site name	Site Type	Level of Harm	Mitigation and management measures
37-6-3039	HVO-1502	Low density artefact scatter (≤ 20)	Complete	Surface artefact collection
37-6-3040	HVO-1501	Isolated find	Complete	Surface artefact collection
37-6-3076	MTW - 504	Isolated find	Complete	Surface artefact collection
37-6-3077	MTW-503	Isolated find	Complete	Surface artefact collection
37-6-3078	MTW-502	Isolated find	Complete	Surface artefact collection
37-6-3080	MTW-500	Isolated find	Complete	Surface artefact collection
37-6-3081	MTW-499	Isolated find	Complete	Surface artefact collection
37-6-3097	MTW-483	Isolated find	Complete	Surface artefact collection
37-6-3100	MTW-470	Isolated find	Complete	Surface artefact collection
37-6-3156	MTW-481	Low density artefact scatter (≤ 20), potential archaeological deposit	Partial	Surface artefact collection; archaeological investigation and salvage excavation as required
37-6-3159	MTW-478	Isolated find, potential archaeological deposit	Complete	Surface artefact collection; archaeological investigation and salvage excavation as required
37-6-3160	MTW-477	Isolated find, potential archaeological deposit	Complete	Surface artefact collection; archaeological investigation and salvage excavation as required
37-6-3161	MTW-476	Isolated find, potential archaeological deposit	Complete	Surface artefact collection; archaeological investigation and salvage excavation as required
37-6-3162	MTW-475	Isolated find, potential archaeological deposit	Complete	Surface artefact collection; archaeological investigation and salvage excavation as required
37-6-3163	MTW-474	Low density artefact scatter (≤ 20), potential archaeological deposit	Complete	Surface artefact collection; archaeological investigation and salvage excavation as required
37-6-3344	HVO-1228	Low density artefact scatter (≤ 20)	Complete	Surface artefact collection
37-6-3345	HVO-1229	Low density artefact scatter (≤ 20), cultural deposit	Complete	Surface artefact collection; archaeological investigation and salvage excavation as required
37-6-3346	HVO-1230	Isolated find	Complete	Surface artefact collection
37-6-3347	HVO-1231	Low density artefact scatter (≤ 20)	Complete	Surface artefact collection
37-6-3348	HVO-1232	Low density artefact scatter (≤ 20)	Complete	Surface artefact collection
37-6-3349	HVO-1233	Low density artefact scatter (≤ 20)	Partial	Surface artefact collection
37-6-3350	HVO-1234	Low density artefact scatter (≤ 20)	Complete	Surface artefact collection
37-6-3352	HVO-1236	Isolated find	Complete	Surface artefact collection
37-6-3353	HVO-1237	Isolated find	Complete	Surface artefact collection
37-6-3354	HVO-1238	Isolated find	Complete	Surface artefact collection
37-6-3357	HVO-1239	Isolated find	Complete	Surface artefact collection

AHIMS ID	Site name	Site Type	Level of Harm	Mitigation and management measures
37-6-3373	HVO-1255	Isolated find	Complete	Surface artefact collection
37-6-3376	HVO-1258	High density artefact scatter (>50)	Partial	Site-specific avoidance and options analysis. Surface artefact collection.
37-6-3379	HVO-1261	Low density artefact scatter (≤ 20)	Complete	Surface artefact collection
37-6-3380	HVO-1262	Low density artefact scatter (≤ 20), cultural deposit	Complete	Surface artefact collection; archaeological investigation and salvage excavation as required
37-6-3383	HVO-1266	Low density artefact scatter (≤ 20), cultural deposit	Partial	Surface artefact collection; archaeological investigation and salvage excavation as required
37-6-3384	HVO-1267/HTP-N-FA06	Focus area	Complete	Site-specific avoidance and options analysis. Archaeological investigate and salvage excavation as required.
37-6-3435/37-6-3450/37-6-3452	HVO-1292/HVO-1307/HVO-1309	Low density artefact scatter (≤ 20)	Partial	Surface artefact collection
37-6-3450	HVO-1307	Low density artefact scatter (≤ 20)	Complete	Surface artefact collection
37-6-3451	HVO-1308	Low density artefact scatter (≤ 20)	Partial	Surface artefact collection
37-6-3473	HVO-1331	Isolated find	Complete	Surface artefact collection
37-6-3474	HVO-1332	Low density artefact scatter (≤ 20)	Complete	Surface artefact collection
37-6-3477	HVO-1336	Low density artefact scatter (≤ 20)	Complete	Surface artefact collection
37-6-3478	HVO-1337	Isolated find	Complete	Surface artefact collection
37-6-3479	HVO-1338	Isolated find	Complete	Surface artefact collection
37-6-3481	HVO-1340	Isolated find	Complete	Surface artefact collection
37-6-3482	HVO-1341	Isolated find	Complete	Surface artefact collection
37-6-3484	HVO-1342	Low density artefact scatter (≤ 20), cultural deposit	Complete	Surface artefact collection; archaeological investigation and salvage excavation as required
37-6-3485	HVO-1343	Low density artefact scatter (≤ 20)	Complete	Surface artefact collection
37-6-3487	HVO-1345	Isolated find	Complete	Surface artefact collection
37-6-3488	HVO-1346	Low density artefact scatter (≤ 20)	Complete	Surface artefact collection
37-6-3492	HVO-1350	Isolated find	Complete	Surface artefact collection
37-6-3498	HVO-1356	Isolated find	Complete	Surface artefact collection
37-6-3499	HVO-1357	Isolated find	Complete	Surface artefact collection
37-6-3501	HVO-1359	Isolated find	Complete	Surface artefact collection

AHIMS ID	Site name	Site Type	Level of Harm	Mitigation and management measures
37-6-3502	HVO-1360	Low density artefact scatter (≤ 20), potential archaeological deposit	Complete	Surface artefact collection; archaeological investigation and salvage excavation as required
37-6-3503	HVO-1361	Isolated find	Complete	Surface artefact collection
37-6-3504	HVO-1362	Isolated find	Complete	Surface artefact collection
37-6-3506	HVO-1364	Isolated find	Complete	Surface artefact collection
37-6-3507	HVO-1365	Isolated find	Complete	Surface artefact collection
37-6-3509	HVO-1367	Isolated find, potential archaeological deposit	Complete	Surface artefact collection; archaeological investigation and salvage excavation as required
37-6-3510	HVO-1368	Isolated find	Complete	Surface artefact collection
37-6-3515	HVO-1373	Low density artefact scatter (≤ 20)	Partial	Surface artefact collection
37-6-3981	Pokolbin SATA Artefact_1	Isolated find	Complete	Surface artefact collection
37-6-3985	MTW-729	Low density artefact scatter (≤ 20)	Complete	Surface artefact collection
37-6-4020	2010-HVOSE-12	Low density artefact scatter (≤ 20)	Partial	Surface artefact collection
37-6-4022	2010-HVOSE-14	High density artefact scatter (> 50)	Partial	Site-specific avoidance and options analysis. Surface artefact collection.
37-6-4023	2010-HVOSE-15	High density artefact scatter (> 50)	Partial	Site-specific avoidance and options analysis. Surface artefact collection.
37-6-4035	2010-HVOSE-04	Low density artefact scatter (≤ 20), cultural deposit	Complete	Surface artefact collection; archaeological investigation and salvage excavation as required
37-6-4038	2010-HVOSE-16	Low density artefact scatter (≤ 20)	Partial	Surface artefact collection
37-6-4043	2010-HVOSE-08	Low density artefact scatter (≤ 20), cultural deposit	Complete	Surface artefact collection; archaeological investigation and salvage excavation as required
37-6-4049	HVO-1518	Isolated find	Complete	Surface artefact collection
37-6-4068	HVO-1692	Low density artefact scatter (≤ 20)	Partial	Surface artefact collection
37-6-4069	HVO-1691	Low density artefact scatter (≤ 20), cultural deposit	Complete	Surface artefact collection; archaeological investigation and salvage excavation as required
37-6-4070	HVO-1690	Isolated find	Complete	Surface artefact collection
37-6-4071	HVO-1425	Isolated find	Complete	Surface artefact collection
37-6-4073	HVO-1422	Low density artefact scatter (≤ 20)	Complete	Surface artefact collection
37-6-4483	HTP-C-CMT05	Culturally modified tree (carved or scarred)	Complete	Site-specific avoidance and options analysis. Archival recording, relocate and conserve post-relocation culturally important components.

AHIMS ID	Site name	Site Type	Level of Harm	Mitigation and management measures
37-6-4485	HTP-C-AR02	Aboriginal resource and gathering	Complete	Site-specific avoidance and options analysis. Recovery, relocation and/or Aboriginal-agreed management of culturally significant ecological species within these sites.
37-6-4486	HTP-C-AR01	Aboriginal resource and gathering	Complete	Site-specific avoidance and options analysis. Recovery, relocation and/or Aboriginal-agreed management of culturally significant ecological species within these sites.
37-6-4487	HTP-N-AS32	High density artefact scatter (>50), potential archaeological deposit	Partial	Site-specific avoidance and options analysis. Surface artefact collection; archaeological investigation and salvage excavation as required.
37-6-4488	HTP-N-AS30	High density artefact scatter (>50)	Complete	Site-specific avoidance and options analysis. Surface artefact collection.
37-6-4489	HTP-C-FA02	Focus area	Complete	Site-specific avoidance and options analysis. Implement site avoidance and option analysis. Undertake archaeological investigate and salvage excavation as required.
37-6-4490	HTP-C-FA01	Focus area	Complete	Site-specific avoidance and options analysis. Implement site avoidance and option analysis. Undertake archaeological investigate and salvage excavation as required.
37-6-4491	HTP-C-FA03	Focus area	Complete	Site-specific avoidance and options analysis. Archaeological investigate and salvage excavation as required.
37-6-4492	HTP-C-RS02	Rockshelter (no cultural markers)	Partial	Site-specific avoidance and options analysis. Implement measures to avoid or minimise vibration and/or hydrological impacts.
37-6-4493	HTP-N-CVM01 (Hunter crossing)	Cultural place	Partial	Site-specific avoidance and options analysis. Cultural monitoring and implementation of unexpected finds protocols as required.
37-6-4513	HTP-N-AS28	High density artefact scatter (>50)	Partial	Site-specific avoidance and options analysis. Surface artefact collection.
37-6-4528	HTP-N-GG01	Grinding groove(s)	Complete	Archival recording, undertake further analysis as needed, relocate where feasible and required.
37-6-4534	HTP-N-AS58	Low density artefact scatter (≤ 20)	Partial	Surface artefact collection
37-6-4554	HTP-C-RS44	Rockshelter, potential archaeological deposit	Partial	Site-specific avoidance and options analysis. Implement measures to avoid or minimise vibration and/or hydrological impacts.

AHIMS ID	Site name	Site Type	Level of Harm	Mitigation and management measures
37-6-4557	HTP-C-RS15	Rockshelter, potential archaeological deposit	Partial	Site-specific avoidance and options analysis. Implement measures to avoid or minimise vibration and/or hydrological impacts.
37-6-4558	HTP-C-RS16	Rockshelter, potential archaeological deposit	Partial	Site-specific avoidance and options analysis. Implement measures to avoid or minimise vibration and/or hydrological impacts.
37-6-4562	HTP-C-RS17	Rockshelter, potential archaeological deposit	Partial	Site-specific avoidance and options analysis. Implement measures to avoid or minimise vibration and/or hydrological impacts.
37-6-4563	HTP-N-AS55	Low density artefact scatter (≤ 20)	Partial	Surface artefact collection
37-6-4595	HTP-N-AS63	Low density artefact scatter (≤ 20)	Partial	Surface artefact collection
37-6-4596	HTP-N-IF57	Isolated find	Complete	Surface artefact collection
37-6-4597	HTP-N-IF52	Isolated find	Complete	Surface artefact collection
37-6-4600	HTP-N-IF47	Isolated find	Complete	Surface artefact collection
37-6-4601	HTP-N-IF31	Isolated find	Complete	Surface artefact collection
37-6-4603	HTP-N-IF23	Isolated find	Complete	Surface artefact collection
37-6-4605	HTP-C-AS02	Low density artefact scatter (≤ 20)	Complete	Surface artefact collection
37-6-4606	HTP-C-IF03	Isolated find	Complete	Surface artefact collection
37-6-4607	HTP-C-IF02	Isolated find	Complete	Surface artefact collection
37-6-4608	HTP-C-IF01	Isolated find	Complete	Surface artefact collection
37-6-4609	HTP-N-AS33	Low density artefact scatter (≤ 20), potential archaeological deposit	Complete	Surface artefact collection; archaeological investigation and salvage excavation as required
37-6-4610	HTP-N-IF33	Isolated find	Complete	Surface artefact collection
37-6-4611	HTP-N-AS02	Low density artefact scatter (≤ 20), potential archaeological deposit	Partial	Surface artefact collection; archaeological investigation and salvage excavation as required
37-6-4612	HTP-N-AS64	Low density artefact scatter (≤ 20)	Complete	Surface artefact collection
37-6-4613	HTP-N-AS62	Low density artefact scatter (≤ 20)	Complete	Surface artefact collection
37-6-4615	HTP-N-AS61	Low density artefact scatter (≤ 20)	Partial	Surface artefact collection
37-6-4616	HTP-N-AS60	Low density artefact scatter (≤ 20)	Complete	Surface artefact collection
37-6-4618	HTP-N-IF38	Isolated find	Complete	Surface artefact collection
37-6-4619	HTP-N-AS50	Low density artefact scatter (≤ 20)	Partial	Surface artefact collection
37-6-4620	HTP-N-IF17	Isolated find	Complete	Surface artefact collection
37-6-4621	HTP-N-AS45	Low density artefact scatter (≤ 20)	Partial	Surface artefact collection

AHIMS ID	Site name	Site Type	Level of Harm	Mitigation and management measures
37-6-4622	HTP-N-IF41	Isolated find	Complete	Surface artefact collection
37-6-4623	HTP-N-IF39	Isolated find	Complete	Surface artefact collection
37-6-4624	HTP-N-AS38	Low density artefact scatter (≤ 20)	Partial	Surface artefact collection
37-6-4625	HTP-N-AS37	Low density artefact scatter (≤ 20)	Partial	Surface artefact collection
37-6-4626	HTP-N-IF37	Isolated find	Complete	Surface artefact collection
37-6-4627	HTP-N-AS31	Low density artefact scatter (≤ 20)	Complete	Surface artefact collection
37-6-4630	HTP-N-IF58	Isolated find	Complete	Surface artefact collection
37-6-4632	HTP-N-IF59	Isolated find	Complete	Surface artefact collection
37-6-4634	HTP-N-IF15	Isolated find	Complete	Surface artefact collection
37-6-4635	HTP-N-IF35	Isolated find	Complete	Surface artefact collection
37-6-4636	HTP-N-IF34	Isolated find	Complete	Surface artefact collection
37-6-4638	HTP-N-IF16	Isolated find	Complete	Surface artefact collection
37-6-4639	HTP-N-IF19	Isolated find	Complete	Surface artefact collection
37-6-4641	HTP-N-AS27	Low density artefact scatter (≤ 20), cultural deposit	Complete	Surface artefact collection; archaeological investigation and salvage excavation as required
37-6-4642	HTP-N-AS56	Low density artefact scatter (≤ 20)	Complete	Surface artefact collection
37-6-4659	HTP-N-IF81	Isolated find, cultural deposit	Complete	No further mitigation, artefact collected as part of assessment
37-6-4662	HTP-N-AS85	Low density artefact scatter (≤ 20), cultural deposit	Complete	Surface artefact collection; archaeological investigation and salvage excavation as required
37-6-4664	HTP-N-IF77	Isolated find	Complete	Surface artefact collection
37-6-4665	HTP-N-IF76	Isolated find	Complete	Surface artefact collection
37-6-4666	HTP-N-IF75	Isolated find	Complete	Surface artefact collection
37-6-4667	HTP-N-AS86	Low density artefact scatter (≤ 20)	Partial	Surface artefact collection
37-6-4668	HTP-N-FA02	Focus area	Complete	Site-specific avoidance and options analysis. Archaeological investigate and salvage excavation as required.
37-6-4669	HTP-N-AS84	Low density artefact scatter (≤ 20), cultural deposit	Complete	Surface artefact collection; archaeological investigation and salvage excavation as required
37-6-4670	HTP-C-FA04	Low density artefact scatter (≤ 20), cultural deposit	Complete	Site-specific avoidance and options analysis. Surface artefact collection; archaeological investigation and salvage excavation as required.
37-6-4670	HTP-N-FA04	Focus area	Complete	Site-specific avoidance and options analysis. Archaeological investigate and salvage excavation as required.

AHIMS ID	Site name	Site Type	Level of Harm	Mitigation and management measures
37-6-4671	HTP-N-FA01	Focus area	Complete	Site-specific avoidance and options analysis. Archaeological investigate and salvage excavation as required.
37-6-4672	HTP-N-FA05	Focus area	Complete	Site-specific avoidance and options analysis. Archaeological investigate and salvage excavation as required.
37-6-4673	HTP-N-AS83	Low density artefact scatter (≤ 20), cultural deposit	Complete	Surface artefact collection; archaeological investigation and salvage excavation as required
37-6-4674	HTP-C-RS45	Rockshelter, potential archaeological deposit	Partial	Site-specific avoidance and options analysis. Implement measures to avoid or minimise vibration and/or hydrological impacts.
37-6-4675	HTP-N-AS81	Low density artefact scatter (≤ 20), cultural deposit	Complete	Surface artefact collection; archaeological investigation and salvage excavation as required
37-6-4676	HTP-N-AS79	Low density artefact scatter (≤ 20), cultural deposit	Partial	Surface artefact collection; archaeological investigation and salvage excavation as required
37-6-4677	HTP-N-AS80	Low density artefact scatter (≤ 20), cultural deposit	Complete	Surface artefact collection; archaeological investigation and salvage excavation as required
37-6-4678	HTP-C-AS04	Low density artefact scatter (≤ 20), cultural deposit	Complete	Surface artefact collection; archaeological investigation and salvage excavation as required
37-6-4679	HTP-C-RS03	Rockshelter, potential archaeological deposit	Partial	Site-specific avoidance and options analysis. Implement measures to avoid or minimise vibration and/or hydrological impacts.
37-6-4681	HTP-C-AS05	Low density artefact scatter (≤ 20), cultural deposit	Complete	Surface artefact collection; archaeological investigation and salvage excavation as required
37-6-4682	HTP-C-RS24	Rockshelter, potential archaeological deposit	Complete	Site-specific avoidance and options analysis. Archival recording, archaeological investigation and salvage excavations as required.
37-6-4683	HTP-C-RS18	Rockshelter, potential archaeological deposit	Partial	Site-specific avoidance and options analysis. Archival recording, archaeological investigation and salvage excavations as required.
38-4-0221	Shamrock Hill;	Water hole	Partial	Implement measures to avoid or minimise vibration and/or hydrological impacts
45-3-2140	Corrabare	Rockshelter with art (pigment or engraved)	Partial	No loss of value. Undertake Aboriginal-led research as developed in the cultural values mitigation strategy
45-3-2453	WW 1	Low density artefact scatter (≤ 20)	Partial	Surface artefact collection

AHIMS ID	Site name	Site Type	Level of Harm	Mitigation and management measures
45-3-2454	WST 2	Low density artefact scatter (≤ 20)	Partial	Surface artefact collection
45-3-2467	TD 3	Isolated find	Complete	Surface artefact collection
45-3-3582	Corrabare State Forest Road 2	Rockshelter with art (pigment or engraved)	Partial	No loss of value. Undertake Aboriginal-led research as developed in the cultural values mitigation strategy
45-3-3583	Corrabare State Forest Western Side of Langans Rd SWA	Rockshelter with art (pigment or engraved)	Partial	No loss of value. Undertake Aboriginal-led research as developed in the cultural values mitigation strategy
45-3-4623	Watagan Creek ACD	Aboriginal ceremony and dreaming, Aboriginal resource and gathering	Partial	Site-specific avoidance and options analysis. Co-design approach and methods to be developed and agreed with the Awabakal Traditional Owners and Forestry Corporation of NSW on the recovery, relocation and/or future management of relevant ecological species within these sites.
45-3-5004	HTP-S-RS20	Rockshelter (no cultural markers)	Partial	Site-specific avoidance and options analysis. Implement measures to avoid or minimise vibration and/or hydrological impacts.
45-3-5007	HTP-S-RS16	Rockshelter (no cultural markers)	Complete	Site-specific avoidance and options analysis. Archival recording, archaeological investigation and salvage excavations as required;
45-3-5008	HTP-S-RS19	Rockshelter (no cultural markers)	Partial	Site-specific avoidance and options analysis. Implement measures to avoid or minimise vibration and/or hydrological impacts.
45-3-5009	HTP-S-CS01 (Wishing well)	Cultural place	Complete	Archival record and relocate. Maintain flow and access of spring where feasible.
45-3-5013	HTP-C-RS14	Rockshelter, art (pigment or engraved), potential archaeological deposit	Partial	Undertake Aboriginal-led research as developed in the cultural values mitigation strategy
45-3-5028	HTP-S-AR01	Aboriginal resource and gathering	Partial	Recovery, relocation and/or Aboriginal-agreed management of culturally significant ecological species within these sites.
45-3-5034	HTP-C-RS61	Rockshelter, potential archaeological deposit	Partial	Site-specific avoidance and options analysis. Archival recording, archaeological investigation and salvage excavations as required.
45-3-5046	HTP-S-RS13	Rockshelter, potential archaeological deposit	Complete	Site-specific avoidance and options analysis.

AHIMS ID	Site name	Site Type	Level of Harm	Mitigation and management measures
				Archival recording, archaeological investigation and salvage excavations as required.
37-6-4593	HTP-N-AS26	Low density artefact scatter (≤ 20)	None	Implement all reasonable and feasible measures to avoid harm to sites. Where harm cannot be avoided, implement mitigation in line with guiding principles and Aboriginal Cultural Heritage Management Plan.
37-6-4663	HTP-N-IF82	Isolated find		
37-6-4661	HTP-N-IF83	Isolated find		
37-6-4660	HTP-N-IF78	Isolated find, cultural deposit		
37-6-4633	HTP-N-IF49	Isolated find		
37-6-4631	HTP-N-IF60	Isolated find		
37-6-4629	HTP-N-AS24	Low density artefact scatter (≤ 20)		
37-6-4628	HTP-N-IF22	Isolated find		
37-6-4617	HTP-N-AS57	Low density artefact scatter (≤ 20)		
37-6-4614	HTP-N-AS59	Low density artefact scatter (≤ 20)		
37-6-4604	HTP-N-IF14	Isolated find		
37-6-4602	HTP-N-IF26	Isolated find		
37-6-4599	HTP-N-IF50	Isolated find		
37-6-4598	HTP-N-IF51	Isolated find		
37-6-4594	HTP-N-IF21	Isolated find		
37-6-4080	HVO-1632	Isolated find		
37-6-3516	HVO-1374	Isolated find		
37-6-3514	HVO-1372	Low density artefact scatter (≤ 20)		
37-6-3508	HVO-1366	Low density artefact scatter (≤ 20), potential archaeological deposit		
37-6-3505	HVO-1363	Isolated find, potential archaeological deposit		
37-6-3500	HVO-1358	Isolated find		
37-6-3497	HVO-1355	Isolated find		
37-6-3496	HVO-1354	Isolated find		
37-6-3494	HVO-1352	Isolated find		
37-6-3493	HVO-1351	Isolated find		
37-6-3491	HVO-1349	Isolated find		
37-6-3486	HVO-1344	Low density artefact scatter (≤ 20)		
37-6-3480	HVO-1339	Isolated find		
37-6-3390	HVO-1273	Moderate density artefact scatter (21-50)		

AHIMS ID	Site name	Site Type	Level of Harm	Mitigation and management measures
37-6-3378	HVO-1260	Low density artefact scatter (≤ 20)		
37-6-3375	HVO-1257	Low density artefact scatter (≤ 20)		
37-6-3374	HVO-1256	Low density artefact scatter (≤ 20)		
37-6-3359	HVO-1241	Isolated find		
37-6-3358	HVO-1240	Isolated find		
37-6-3351	HVO-1235	Low density artefact scatter (≤ 20)		
37-6-3158	MTW-479	Isolated find, potential archaeological deposit		
37-6-3157	MTW-480	Isolated find, potential archaeological deposit		
37-6-3116	MTW-454	Isolated find, potential archaeological deposit		
37-6-3038	HVO-1503	Isolated find		
37-6-3005	HVO-1675	Low density artefact scatter (≤ 20), potential archaeological deposit		
37-6-3004	HVO-1676	Isolated find, potential archaeological deposit		
37-6-2842	BOP-OS8	Moderate density artefact scatter (21-50), potential archaeological deposit		
37-6-1979	BDS15	Low density artefact scatter (≤ 20)		
37-6-1908	BP-5	Low density artefact scatter (≤ 20)		
37-3-1082	REA210	Low density artefact scatter (≤ 20)		
37-2-6771	HTP-N-IF74	Isolated find		
37-2-6769	HTP-N-CMT02	Culturally modified tree (carved or scarred)		
37-2-6756	HTP-N-IF56	Isolated find		
37-2-6754	HTP-N-IF66	Isolated find		
37-2-6753	HTP-N-IF68	Isolated find		
37-2-6746	HTP-N-AS66	Low density artefact scatter (≤ 20)		
37-2-6745	HTP-N-IF63	Isolated find		
37-2-6743	HTP-N-IF70	Isolated find		
37-2-6733	HTP-N-AS05	Low density artefact scatter (≤ 20), potential archaeological deposit		
37-2-6731	HTP-N-AS08	Low density artefact scatter (≤ 20)		

AHIMS ID	Site name	Site Type	Level of Harm	Mitigation and management measures
37-2-6730	HTP-N-AS47	Low density artefact scatter (≤ 20)		
37-2-6728	HTP-N-AS76	Low density artefact scatter (≤ 20)		
37-2-6706	HTP-N-AS70	Low density artefact scatter (≤ 20)		
37-2-6705	HTP-N-AS68	Low density artefact scatter (≤ 20)		
37-2-6701	HTP-N-AS04	Low density artefact scatter (≤ 20)		
37-2-6699	HTP-N-AS09	Low density artefact scatter (≤ 20)		
37-2-6698	HTP-N-AS10	Low density artefact scatter (≤ 20)		
37-2-6496	HVOC TR47-IF1	Isolated find		
37-2-2796	MGA 38	Low density artefact scatter (≤ 20)		
37-2-0810	P15	Low density artefact scatter (≤ 20)		
37-2-0718	LFG8	Low density artefact scatter (≤ 20)		
37-2-0501	BMP 2	Low density artefact scatter (≤ 20)		
45-7-0311	RPS NEWST 18	Isolated find		
37-6-4567	HTP-C-AR03	Aboriginal resource and gathering		

APPENDIX 3 HISTORIC HERITAGE

Table 5 | Historic heritage items - avoid direct impacts

ID (Activity area ref/ Feature no.)	Heritage item or site
CHL Place ID 105642	Murinbin House Group
SMA 170125 (F 27)	Loder Family Sawmill
SMA 170131	Murinbin House complex
HHIMS Osf 15 (AA 187-F 39)	Original Forest House Site
(AA 187-F 38)	Saw mill site (Cnr Martinsville Hill and Watagan Forest Roads)
Singleton LEP 2013 I1421	Archerfield and outbuildings
Singleton LEP 2013 I24	Hambledon Hill Homestead
Singleton LEP 2013 I55	Cyril Moxham's House
Singleton LEP 2013 I5	War Memorial
Singleton LEP 2013 I39	'Abbey Green' and outbuildings
Cessnock LEP 2011 I47	Clark's Slab House
Cessnock LEP 2011 I141	Millfield General Cemetery
Cessnock LEP 2011 I174	Bellevue Vineyard and Winery
Lake Macquarie LEP 2014 79	North Corrumbung Cemetery
Lake Macquarie LEP 2014 242	Former Union Church
Lake Macquarie LEP 2014 77	Catholic Church and Cemetery
(AA 70-F 12)	Dwelling
(AA 90-F 1)	Greenleek homestead
(AA 90-F 2.1)	c.1833 'Greenluk' outbuilding
(AA 93-F 16)	Greenleek dairy
(AA 93-F 17)	Greenleek milking shed
(AA 100-F 19)	Former dwelling
(AA-225-F 21)	Jarvis House Cottage
(AA 223-F 36)	Sawmill off Watagan Forest Road
(AA 038-F 44)	Oaklands homestead

Table 6 | Historic heritage items – avoid, minimise or mitigate direct impact to items within the development area

ID (Activity area ref-Feature no.)	Heritage item or site	Mitigation and management measures
SMA 170113 (AA 141-F 25)	Blacksmith's shop and forge – Vere township	Further investigation to determine archaeological sensitivity in consultation with HNSW. Archaeological excavation and recording in accordance with Historic Heritage Management Plan (HHMP) if impact if unavoidable.
SMA 170118 (AA 142-F 26)	Unidentified site – Vere township	
SMA 170119 (AA 140-F 24)	Vere school and second range warden's residence	
SMA 170126/170127 (AA 153-F 8, AA 155-F 8)	Oakley Estate	Archaeological excavation and recording in accordance with HHMP if impact is unavoidable.
SMA 170129 (AA 161-F 28)	Warringah Stud/Old Myrtle	Avoid/minimise direct and visual impacts to heritage curtilage.
HHIMS Osf 26 (AA 186-F 40)	The Wishing Well	Archaeological excavation and recording in accordance with HHMP. Commemorative plaque and relocation of built fabric.
Muswellbrook LEP 2009 I88	Belmont	Avoid/minimise direct and visual impacts to heritage curtilage.
Muswellbrook LEP 2009 I87	Beer Homestead	
Singleton LEP 2013 I142 (AA 98-F 3, AA 99-F 4)	'Stafford', homestead and 'Clifford', homestead	
Singleton LEP 2013 I40 (AA 109-F 5, AA 109-F 6)	Brick farm house	
Lake Macquarie LEP 2014 93	Eraring Power Station	
Central Coast LEP 2022 I12	Stone house, timber slab barn and fencing	
(AA 90-F 2)	c.1833 structure, 'Greenluk'	Archaeological excavation and recording in accordance with HHMP if impact is unavoidable.
(AA 127-F 7)	Oakhill homestead	
(AA 226-F 34)	Parson's dwelling	
(AA 223-F 41)	Possibly Inglewood Estate homestead	Further investigation to determine archaeological sensitivity in consultation with HNSW. Archaeological excavation and recording in accordance with HHMP if impact if unavoidable.
(AA 223-F 42)	Possibly Inglewood Estate outbuilding	

APPENDIX 4 BIODIVERSITY

Table 7 | Clearing limits and credit liability for native vegetation

Plant Community Type (PCT)	Offset Trading Group	Clearing Limit (ha)	Credit liability
3489	Central Gorge Dry Sclerophyll Forests <50%	4.74	163 ¹
3314	Central Hunter Grey Box-Ironbark Woodland in the New South Wales North Coast and Sydney Basin Bioregions (TEC)	165.92	4,777 ¹
3431			
3315	Central Hunter Ironbark-Spotted Gum-Grey Box Forest in the New South Wales North Coast and Sydney Basin Bioregions (TEC)	9.56	336
3446	Central Hunter Valley eucalypt forest and woodland (TEC)	1.13	45
4015	Coastal Floodplain Wetlands - ≥ 70% - <90% cleared group (including Tier 2 or higher threat status)	11.53	336 ¹
4042			
3314	Coastal Valley Grassy Woodlands - ≥ 70% - <90% cleared group (including Tier 2 or higher threat status)	73.86	160
3315			
3086	Dry Rainforests - < 50% cleared group (including Tier 4 or higher threat status)	9.3	284
3151			
4072	Eastern Riverine Forests - ≥ 50% - < 70% cleared group (including Tier 3 or higher threat status)	0.37	13
4089	Hunter Floodplain Red Gum Woodland in the NSW North Coast and Sydney Basin Bioregions (TEC)	12.58	122
3438	Hunter-Macleay Dry Sclerophyll Forests - < 50% cleared group (including Tier 4 or higher threat status)	8.76	266
3433	Hunter-Macleay Dry Sclerophyll Forests - ≥ 50% - < 70% cleared group (including Tier 3 or higher threat status)	2.43	59
3436			
3431	Hunter-Macleay Dry Sclerophyll Forests - ≥ 70% - <90% cleared group (including Tier 2 or higher threat status)	79.69	0
3444	Lower Hunter Spotted Gum Ironbark Forest in the Sydney Basin and NSW North Coast Bioregions (TEC)	44.68	1,459
3150	North Coast Wet Sclerophyll Forests - < 50% cleared group (including Tier 4 or higher threat status)	47.87	1,125
3087	North Coast Wet Sclerophyll Forests <50%	2.82	73
3230	Northern Hinterland Wet Sclerophyll Forests - < 50% cleared group (including Tier 4 or higher threat status)	325.18	8,268
3239			
3241			
3242			

¹ Includes ecosystem credits required for scattered trees

3244			
3250			
3263			
3152	Northern Hinterland Wet Sclerophyll Forests <50%	6.89	159
3237			
3238			
3029	Northern Warm Temperate Rainforests - < 50% cleared group (including Tier 4 or higher threat status)	3.34	92
3328	River-Flat Eucalypt Forest on Coastal Floodplains of the New South Wales North Coast, Sydney Basin and South East Corner Bioregions (TEC)	2.24	67
4039			
4044	Swamp Sclerophyll Forest on Coastal Floodplains of the New South Wales North Coast, Sydney Basin and South East Corner Bioregions (TEC)	0.39	13
3581	Sydney Coastal Dry Sclerophyll Forests - < 50% cleared group (including Tier 4 or higher threat status)	11.76	239
3582			
3583	Sydney Coastal Dry Sclerophyll Forests - ≥ 50% - < 70% cleared group (including Tier 3 or higher threat status)	8.43	156
3605	Sydney Hinterland Dry Sclerophyll Forests - < 50% cleared group (including Tier 4 or higher threat status)	103.22	2,693
3617			
3621			
3599	Sydney Hinterland Dry Sclerophyll Forests <50%	8.55	218
Total ecosystem credits		945.24	21,123

Table 8 | Clearing limits and credit liability for threatened flora species

Species	Common name	Conservation significance		Impact (ha)	Credit liability
		BC Act	EPBC Act		
<i>Acacia bynoeana</i>	Bynoe's Wattle	E	V	5.79	174
<i>Angophora inopina</i>	Charmhaven Apple	V	V	3.7	142
<i>Asperula asthenes</i>	Trailing Woodruff	V	V	2.75	118
<i>Corybas dowlingii</i>	Red Helmet Orchid	E	-	43.02	1,593
<i>Cryptostylis hunteriana</i>	Leafless Tongue Orchid	V	V	7.13	116
<i>Cymbidium canaliculatum</i> population in the Hunter Catchment	-	E	-	5 individuals	10
<i>Cynanchum elegans</i>	White-flowered Wax Plant	E	E	2.67	99

Species	Common name	Conservation significance		Impact (ha)	Credit liability
		BC Act	EPBC Act		
<i>Dendrobium tetragonum</i> var. <i>melaleucaphilum</i>	Spider Orchid	E	-	0.17	5
<i>Diuris tricolor</i>	Pine Donkey Orchid	V	-	41.15	336
<i>Epacris purpurascens</i> var. <i>purpurascens</i>	-	V	-	14 individuals	21
<i>Eucalyptus camaldulensi</i> population in the Hunter catchment	-	E	-	6.10	106
<i>Eucalyptus fracta</i>	Broken Back Ironbark	E	-	13.10	679
<i>Eucalyptus glaucina</i>	Slaty Red Gum	V	V	34 individuals	68
<i>Genoplesium branwhiteorum</i> Syn. <i>Corunastylis</i> sp. <i>Charmhaven</i>	Charmhaven Midge Orchid	CE	CE	6.12	205
<i>Genoplesium insigne</i>	Variable Midge Orchid	CE	CE	10.67	389
<i>Grammitis stenophylla</i>	Narrow-leaf Finger Fern	E	-	8.12	288
<i>Grevillea parviflora</i> subsp. <i>Parviflora</i>	Small-flower Grevillea	V	V	12.22	286
<i>Melaleuca biconvexa</i>	Biconvex Paperbark	V	V	6.05	242
<i>Melaleuca groveana</i>	Grove's Paperbark	V	-	238 individuals	476
<i>Olearia cordata</i>	-	V	V	2.24	83
<i>Ozothamnus tessellatus</i>	-	V	V	0.65	16
<i>Pomaderris queenslandica</i>	Scant Pomaderris	E	-	0.65	21
<i>Prasophyllum petilum</i>	Tarengo Leek Orchid	E	E	13.74	454
<i>Prasophyllum</i> sp. <i>Wybong</i>	-	-	CE	13.74	677
<i>Prostanthera cineolifera</i>	Singleton Mint Bush	V	V	65	2,406

Species	Common name	Conservation significance		Impact (ha)	Credit liability
		BC Act	EPBC Act		
<i>Pterostylis chaetophora</i>	-	V	-	18.23	616
<i>Pterostylis gibbosa</i>	Illawarra Greenhood	E	E	17.93	655
<i>Rhizanthella slateri</i>	Eastern Underground Orchid	V	E	4.27	202
<i>Rhodamnia rubescens</i>	Scrub Turpentine	CE	CE	1,524 individuals	4,572
<i>Rhodomyrtus psidioides</i>	Native Guava	CE	CE	17.87	1,091
<i>Rutidosis heterogama</i>	Heath Wrinklewort	V	V	0.66	14
<i>Senna acclinis</i>	Rainforest Cassia	E	-	19.04	781
<i>Syzygium paniculatum</i>	Magenta Lilly Pilly	V	V	61 individuals	122
<i>Tetratheca juncea</i>	Black-eyed Susan	V	V	15.23	437
<i>Thelymitra adorate</i>	Wyong Sun Orchid	CE	CE	0.79	21
<i>Velleia perfoliata</i>	-	V	V	2.24	75
<i>Zieria involucrata</i>	-	E	V	2.24	75
Total threatened flora species credits					17,671

Table 9 | Clearing limits and credit liability for threatened fauna species

Species	Common name	Conservation significance		Impact (hectares)	Credit liability
		BC Act	EPBC Act		
<i>Anthochaera Phrygia</i>	Regent Honeyeater	CE	CE	96.91	5,203
<i>Callocephalon fimbriatum</i>	Gang-gang Cockatoo	E	E	32.24	1,150
<i>Calyptorhynchus lathami lathami</i>	South-eastern Glossy Black-Cockatoo	V	V	18.52	685
<i>Cercartetus nanus</i>	Eastern Pygmy-possum	V	-	347.16	11,961
<i>Chalinolobus dwyeri</i>	Large-eared Pied Bat	E	E	574.24	28,615
<i>Delma vescolineata</i>	Hunter Valley Delma	E	E	353.53	6,530

<i>Heleioporus australiacus</i>	Giant Burrowing Frog	V	E	73.62	2,124
<i>Hoplocephalus bitorquatus</i>	Pale-headed Snake	V	-	3.60	113
<i>Hoplocephalus stephensi</i>	Stephens' Banded Snake	V	-	234.72	9,191
<i>Lathamus discolor</i>	Swift Parrot	E	CE	45.32	2,397
<i>Litoria littlejohni</i>	Littlejohn's Tree Frog	E	E	70.34	2,703
<i>Mixophyes balbus</i>	Stuttering Frog	E	V	191.99	11,141
<i>Mixophyes iteratus</i>	Giant Barred Frog	V	V	10.76	319
<i>Myotis macropus</i>	Southern Myotis	V	-	161.83	3,248
<i>Ninox connivens</i>	Barking Owl	V	-	40.45	1,522
<i>Ninox strenua</i>	Powerful Owl	V	-	213.34	7,938
<i>Notamacropus parma</i>	Parma Wallaby	V	V	289.02	9,939
<i>Petauroides volans</i>	Southern Greater Glider	E	E	560.39	21,072
<i>Petaurus norfolcensis</i>	Squirrel Glider	V	-	728.17	26,115
<i>Petrogale penicillata</i>	Brush-tailed Rock-wallaby	E	V	163.96	8,439
<i>Phascogale tapoatafa</i>	Brush-tailed Phascogale	V	-	371.19	12,760
<i>Phascolarctos cinereus</i>	Koala	E	E	625.71	23,304
<i>Planigale maculata</i>	Common Planigale	V	-	294.19	6,287
<i>Potorous tridactylus</i>	Long-nosed Potoroo	V	V	123.72	4,394
<i>Pseudophryne australis</i>	Red crowned Toadlet	V	-	64.35	1,853
<i>Tyto novaehollandiae</i>	Masked Owl	V	-	79.60	2,913
<i>Tyto tenebricosa</i>	Sooty Owl	V	-	337	18,990
<i>Vespadelus trougtoni</i>	Eastern Cave Bat	V	-	424.14	20,740
Total threatened fauna species credits					251,630

APPENDIX 5 TRAFFIC AND TRANSPORT

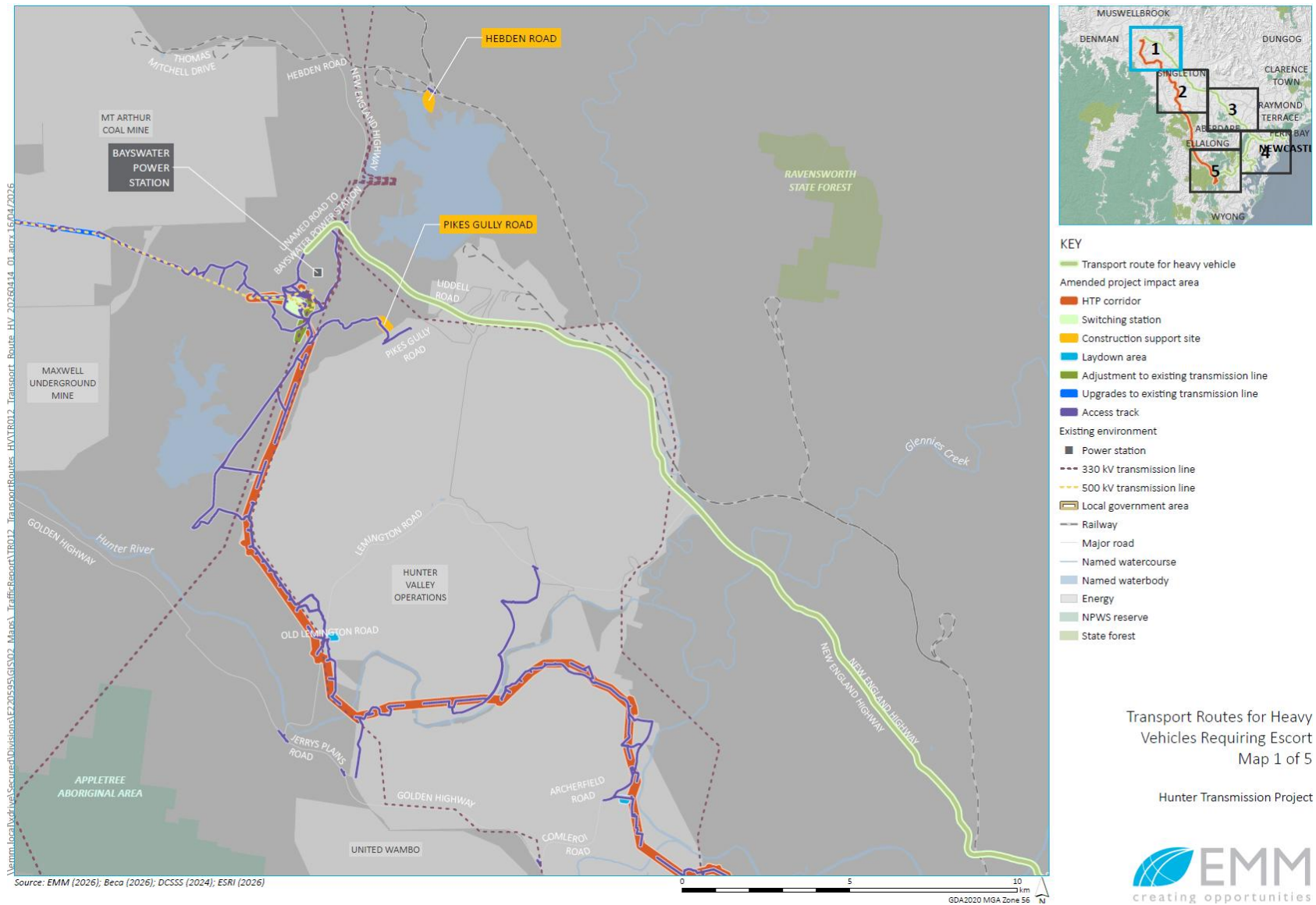


Figure 20 | Transport routes for high risk heavy vehicles requiring escort (Map 1 of 5)

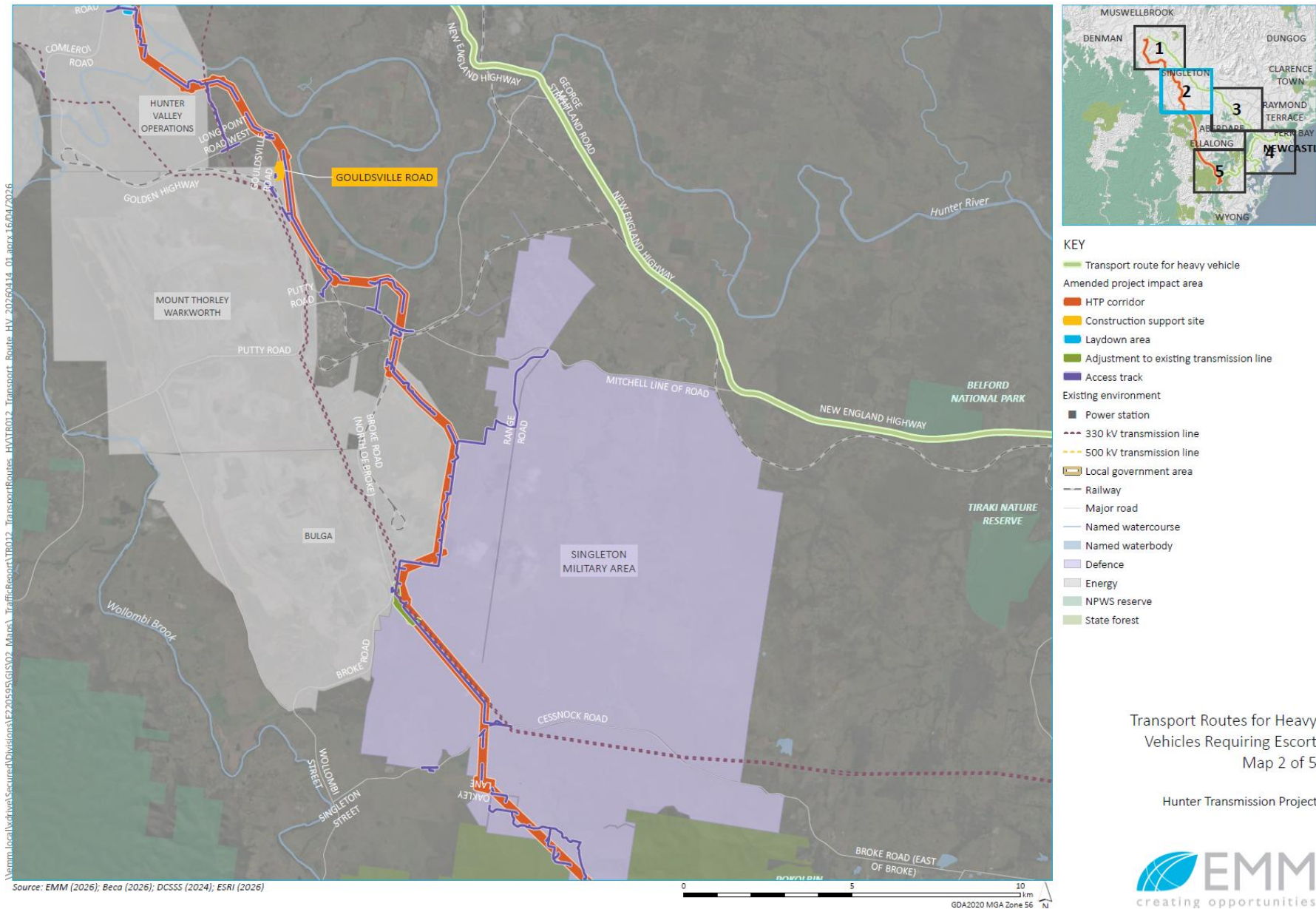


Figure 21 | Transport routes for high risk heavy vehicles requiring escort (Map 2 of 5)

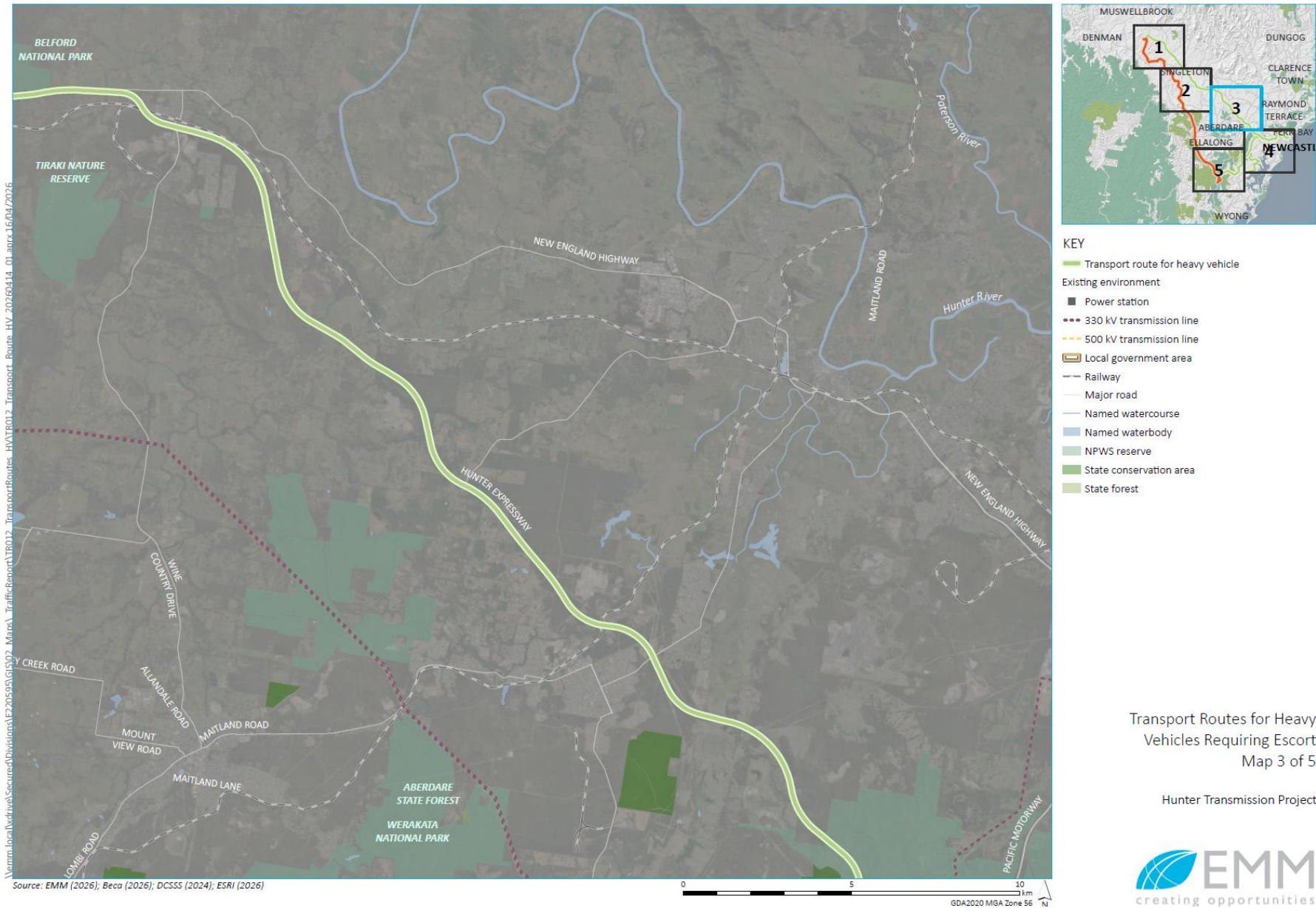


Figure 22 | Transport routes for high risk heavy vehicles requiring escort (Map 3 of 5)

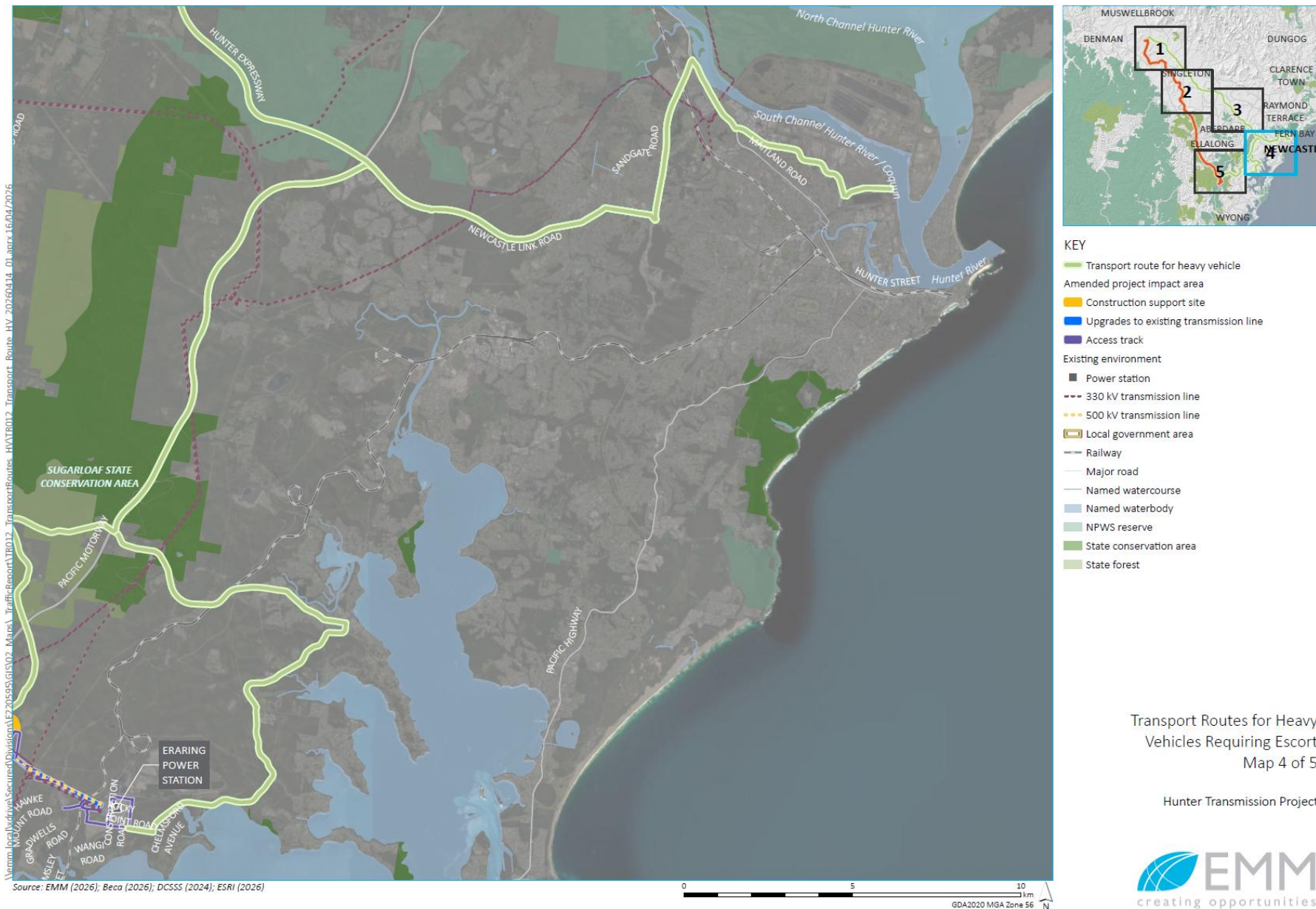


Figure 23 | Transport routes for high risk heavy vehicles requiring escort (Map 4 of 5)

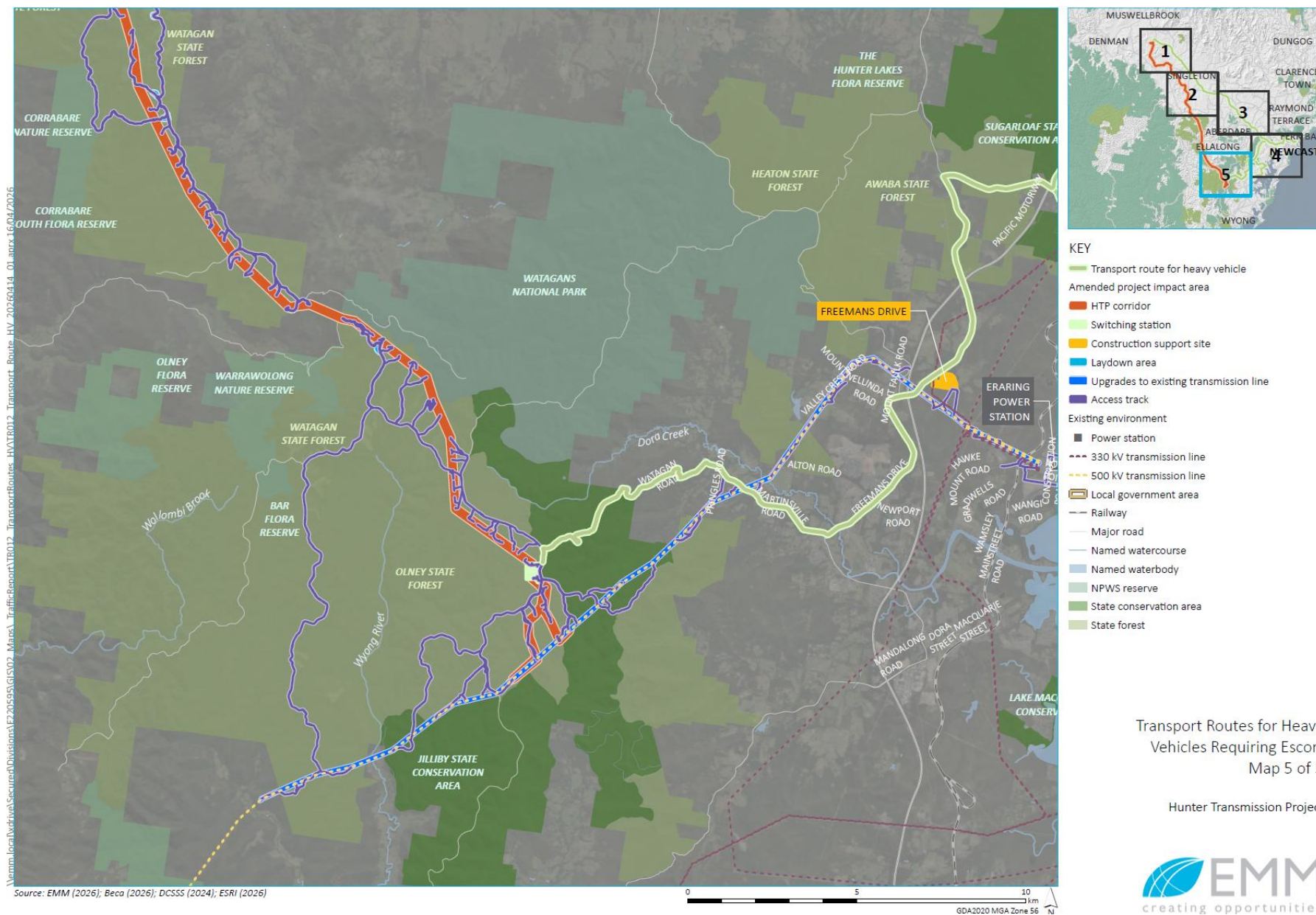


Figure 24 | Transport routes for high risk heavy vehicles requiring escort (Map 5 of 5)

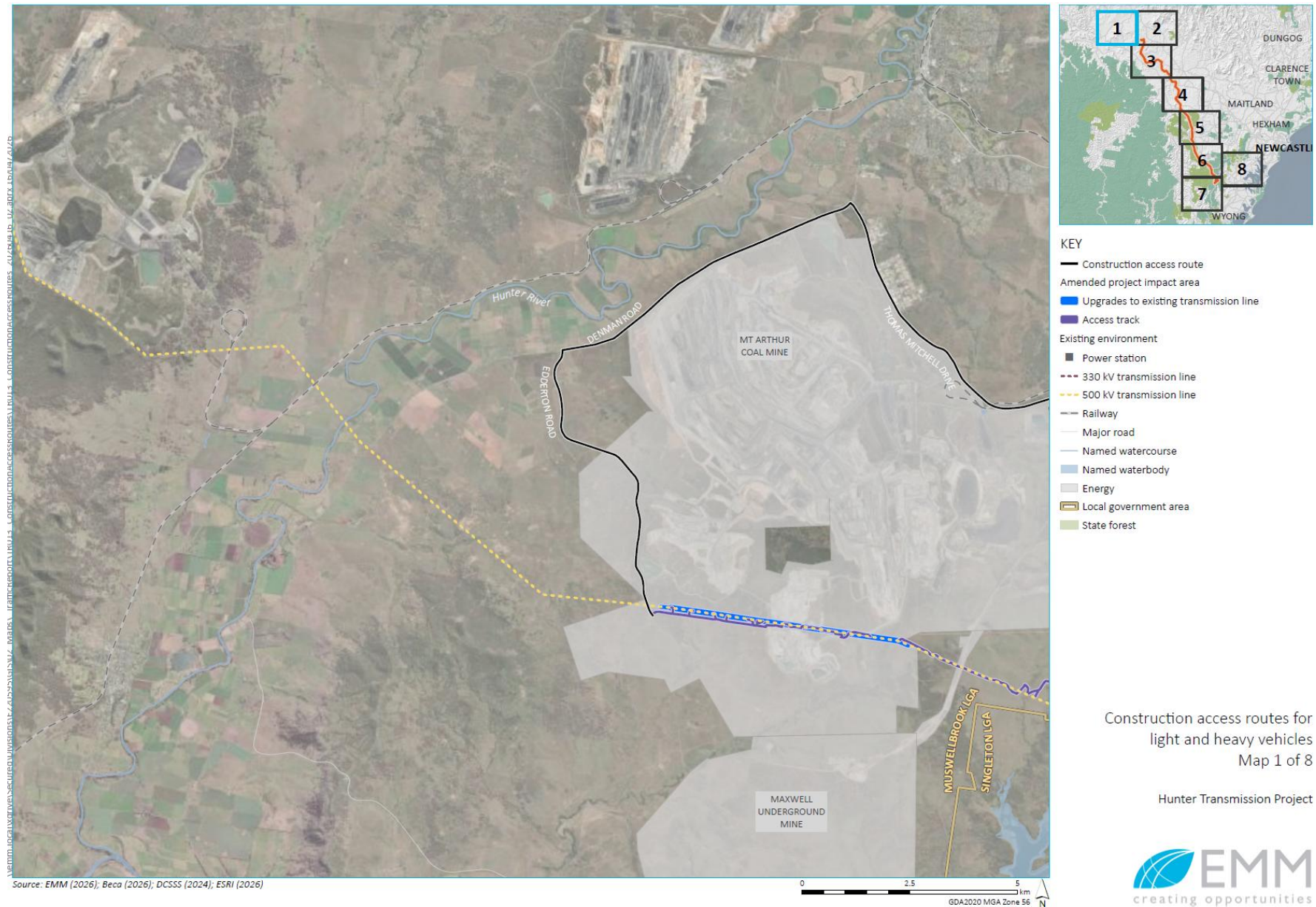


Figure 25 | Construction access roads for light and heavy vehicles (Map 1 of 8)

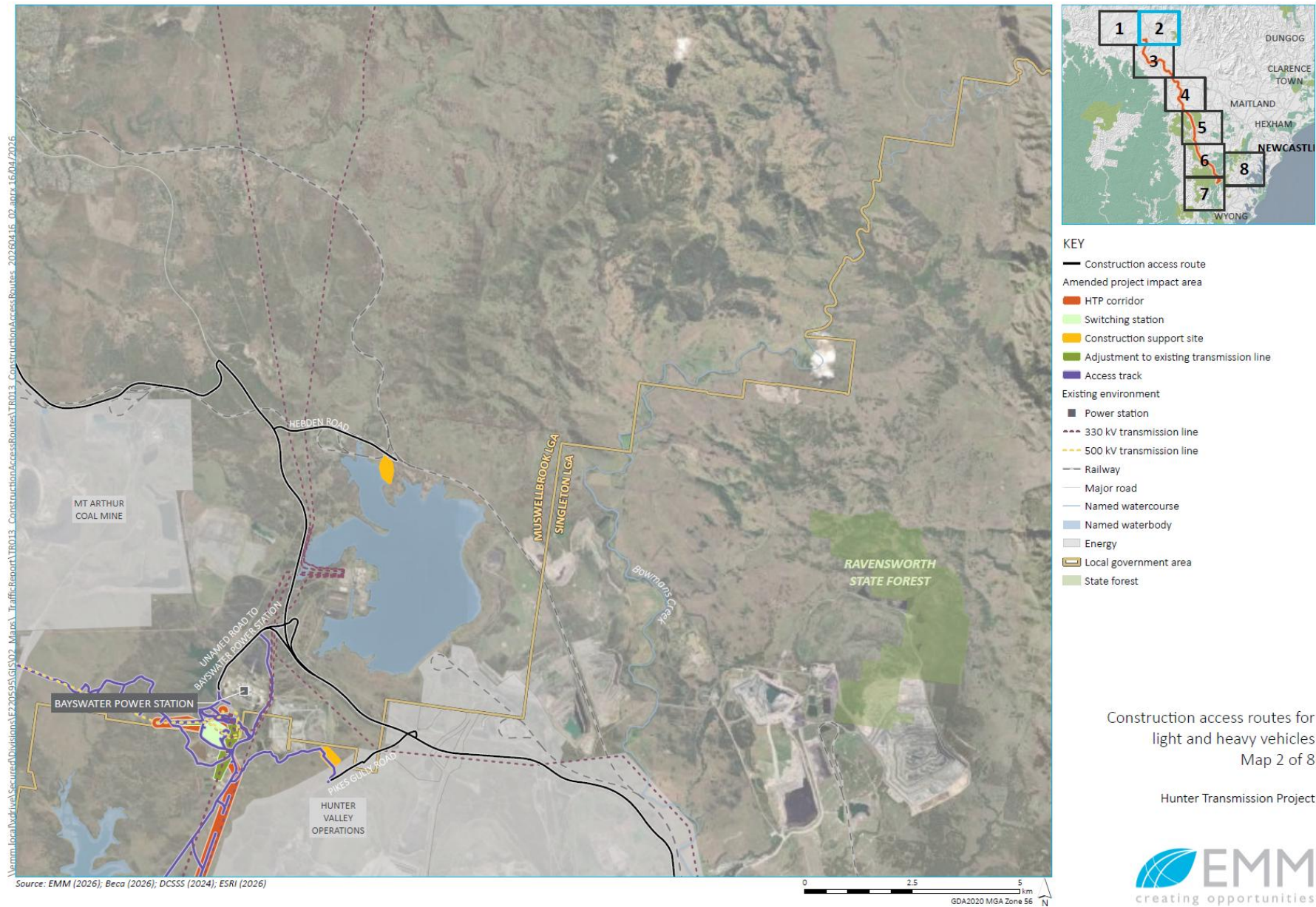


Figure 26 | Construction access roads for light and heavy vehicles (Map 2 of 8)

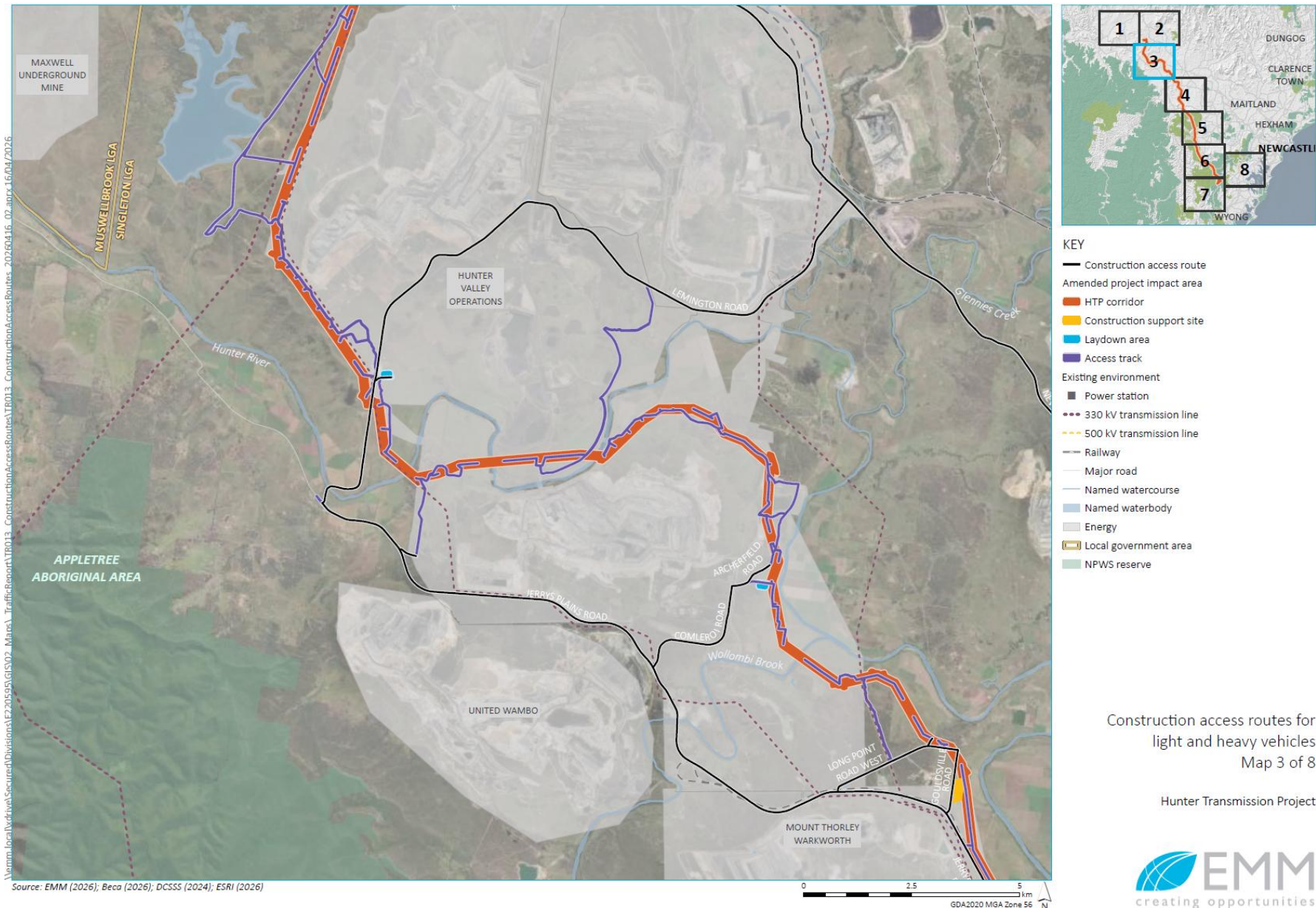


Figure 27 | Construction access roads for light and heavy vehicles (Map 3 of 8)

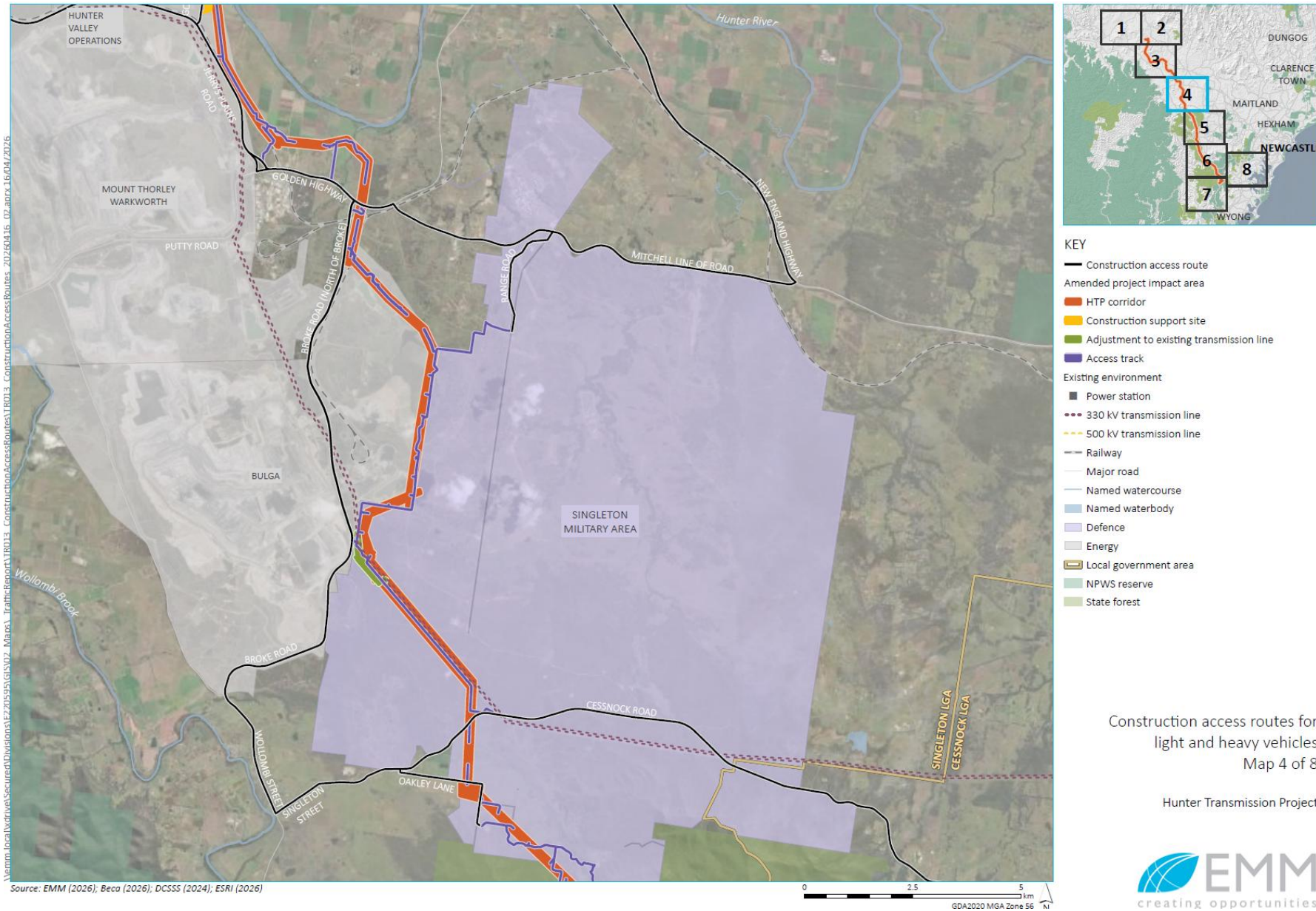


Figure 28 | Construction access roads for light and heavy vehicles (Map 4 of 8)

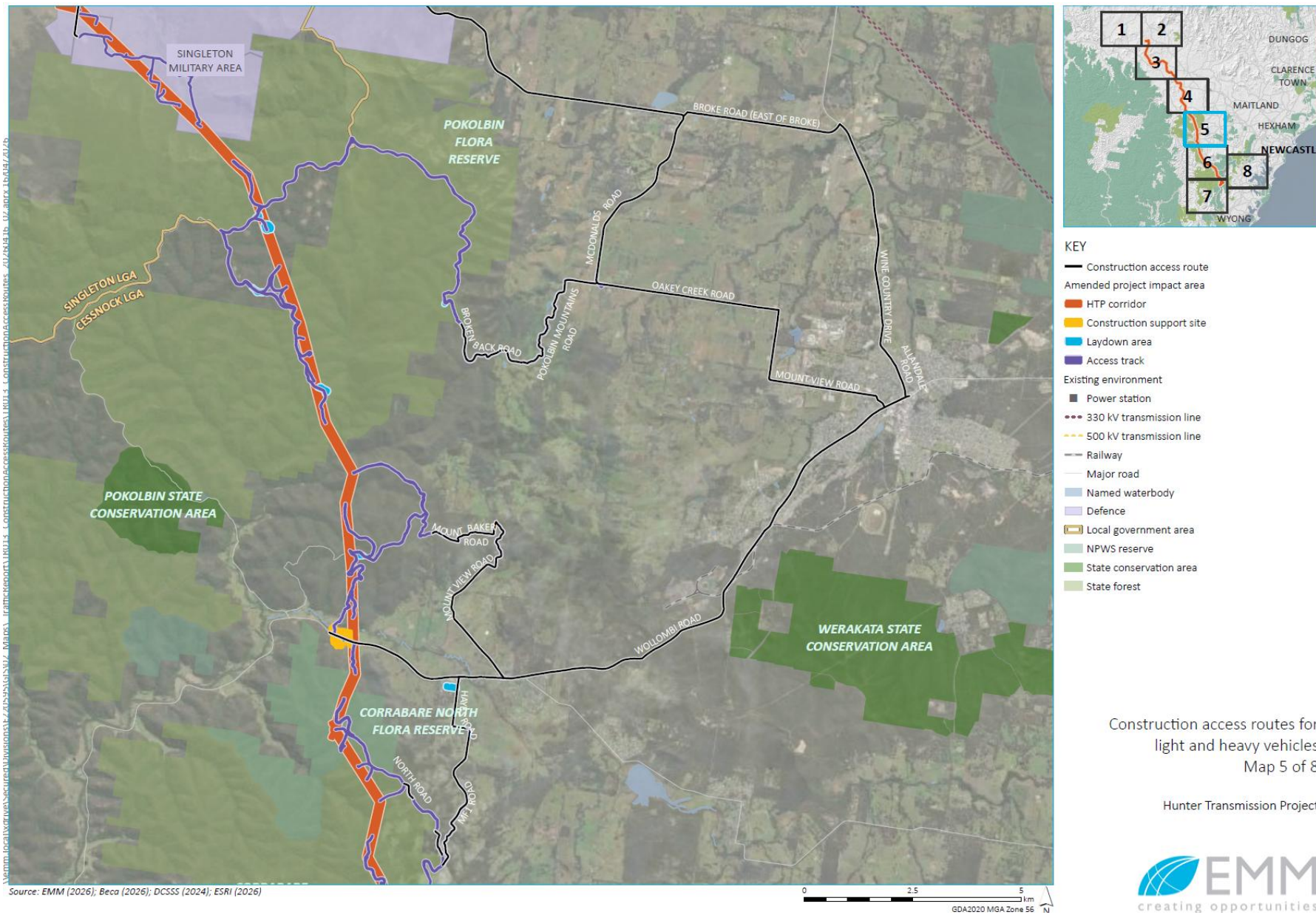


Figure 29 | Construction access roads for light and heavy vehicles (Map 5 of 8)

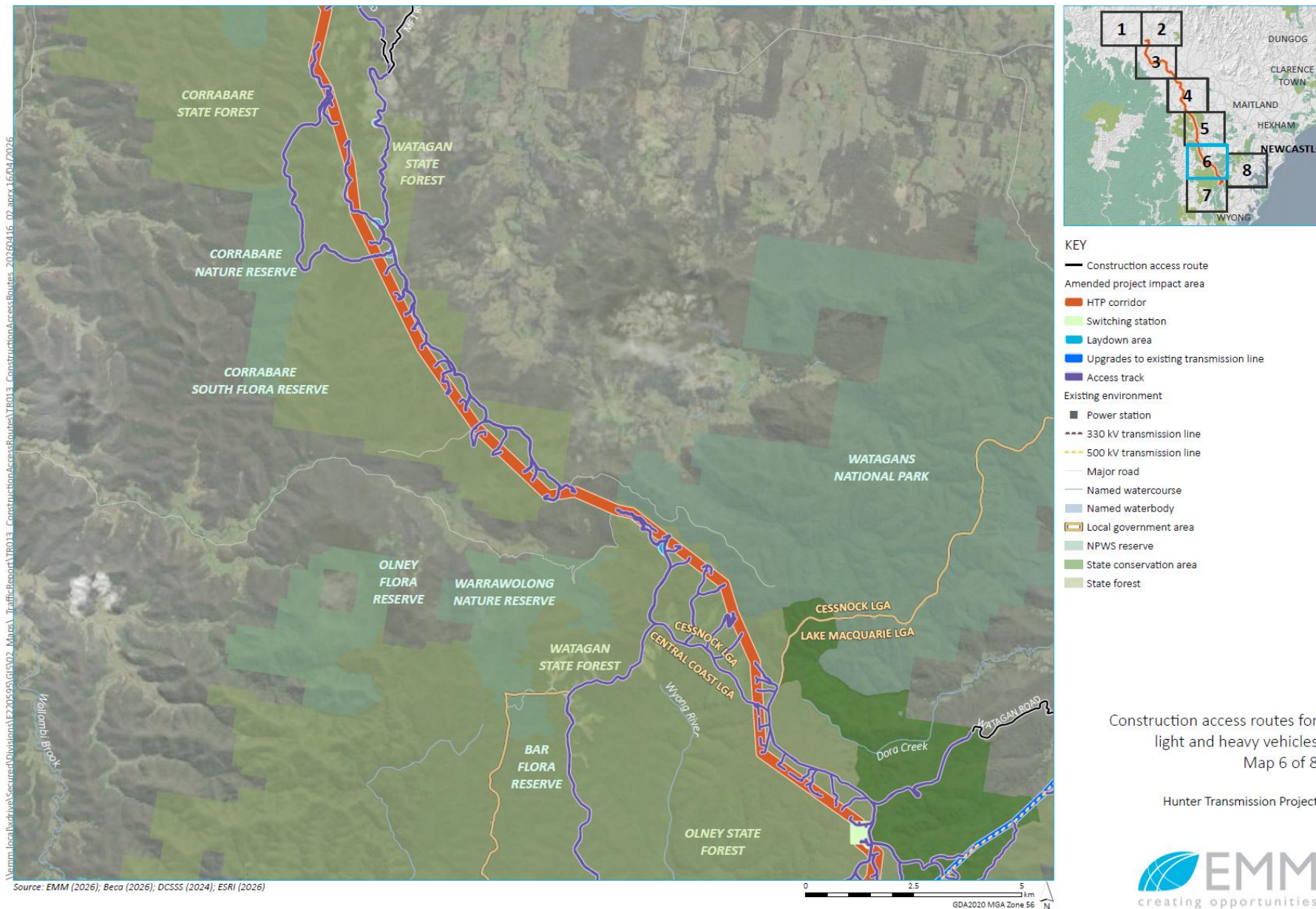


Figure 30 | Construction access roads for light and heavy vehicles (Map 6 of 8)

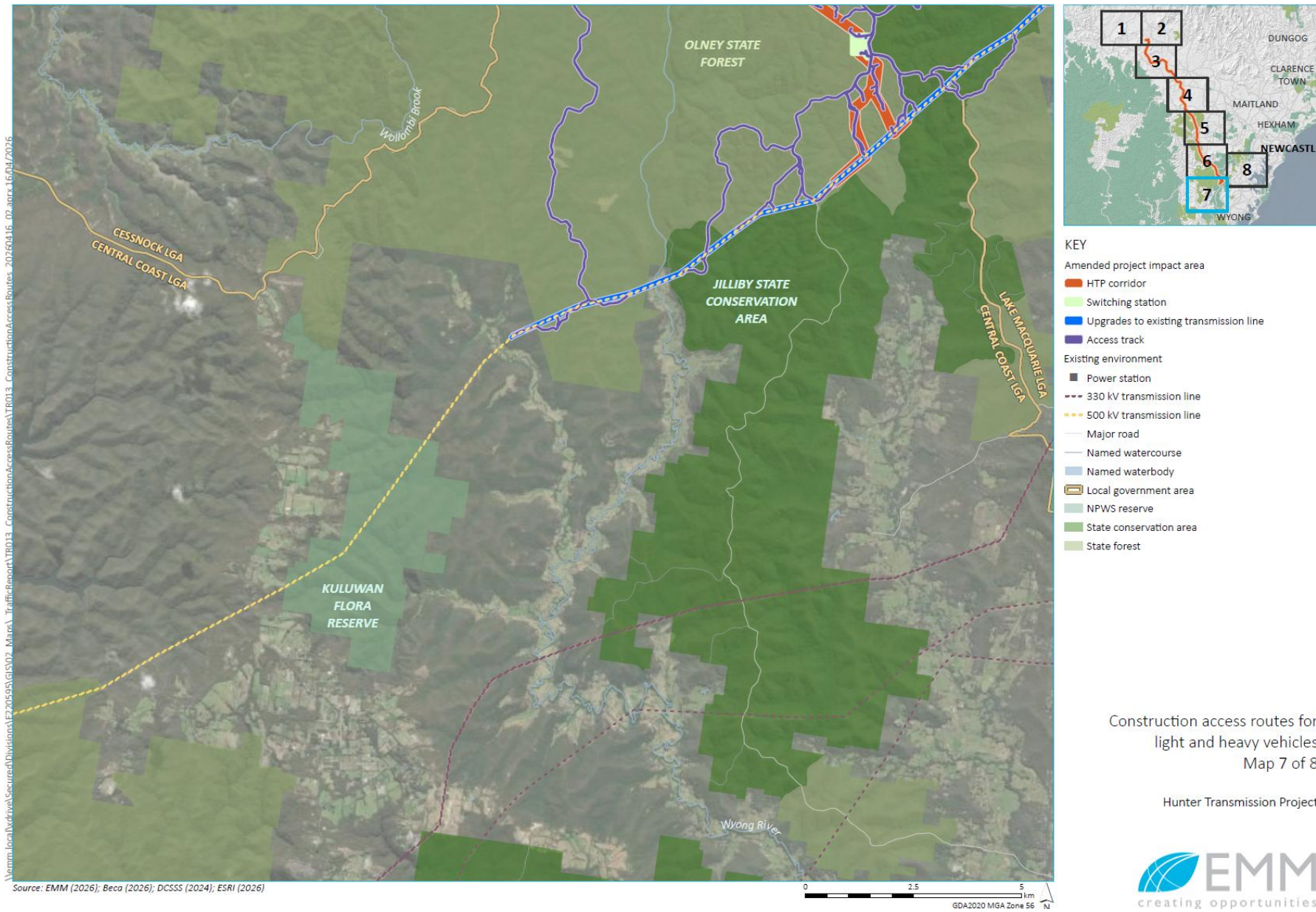


Figure 31 | Construction access roads for light and heavy vehicles (Map 7 of 8)

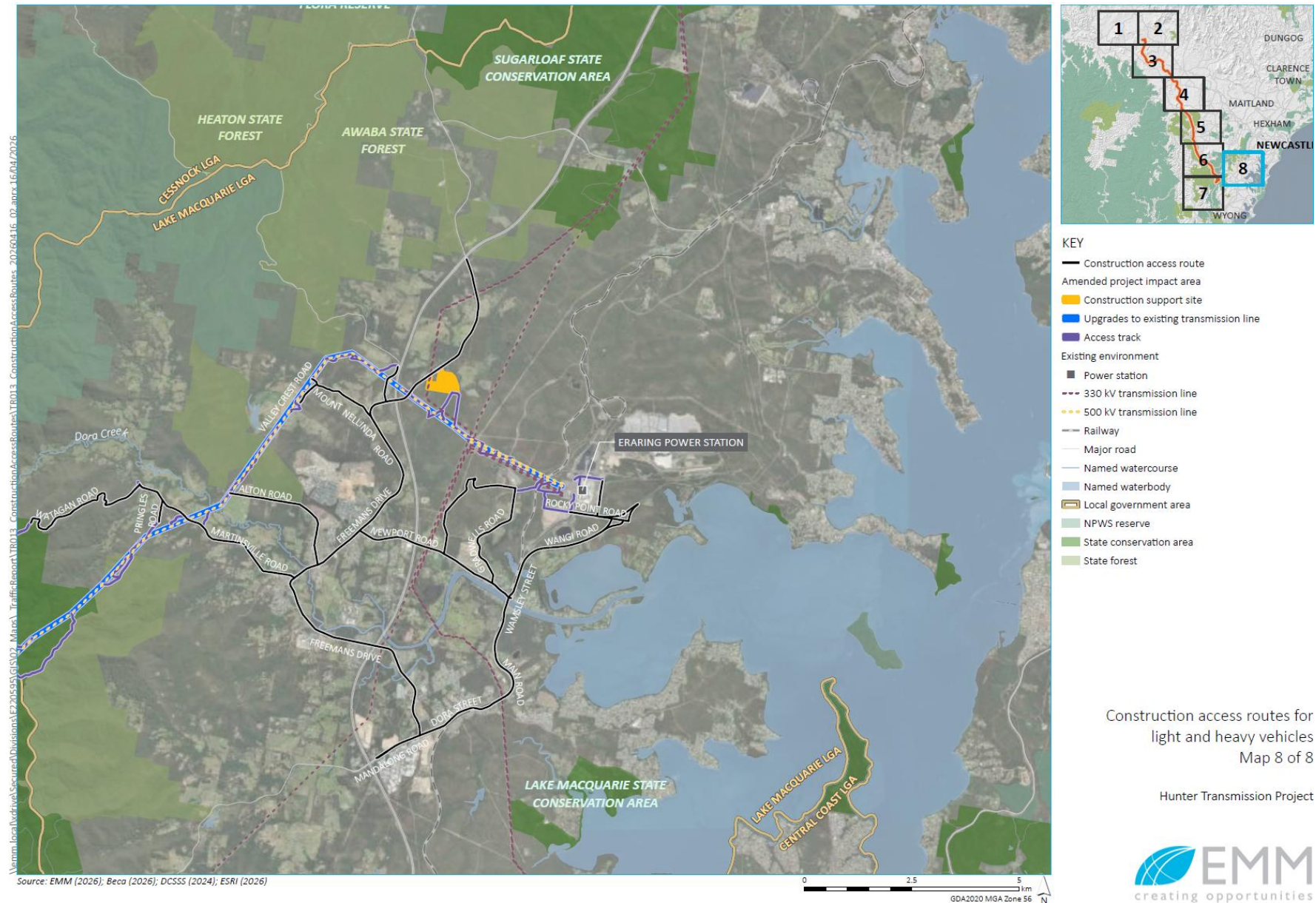


Figure 32 | Construction access roads for light and heavy vehicles (Map 8 of 8)

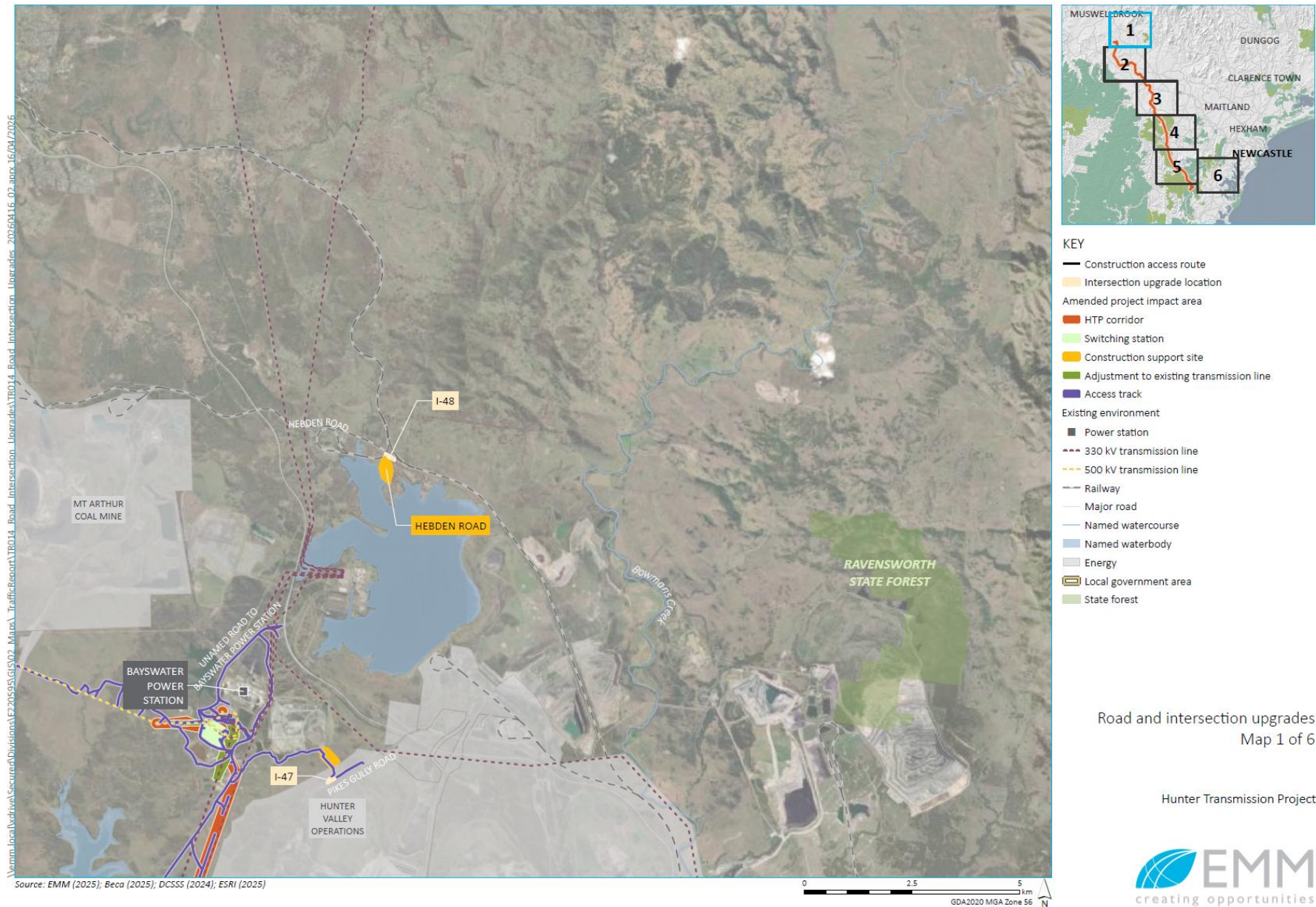


Figure 33 | Location of road upgrades (Map 1 of 6)

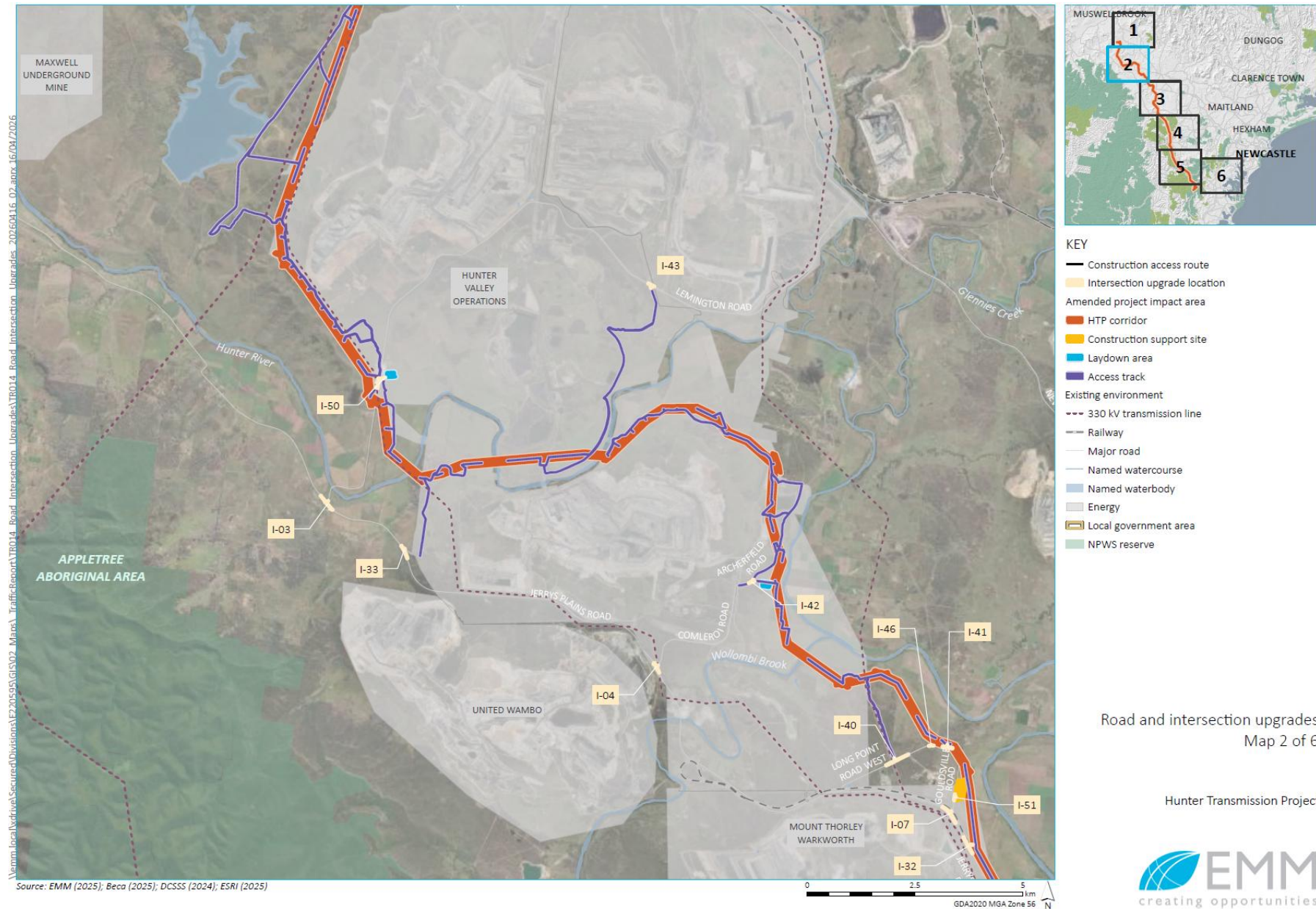


Figure 34 | Location of road upgrades (Map 2 of 6)

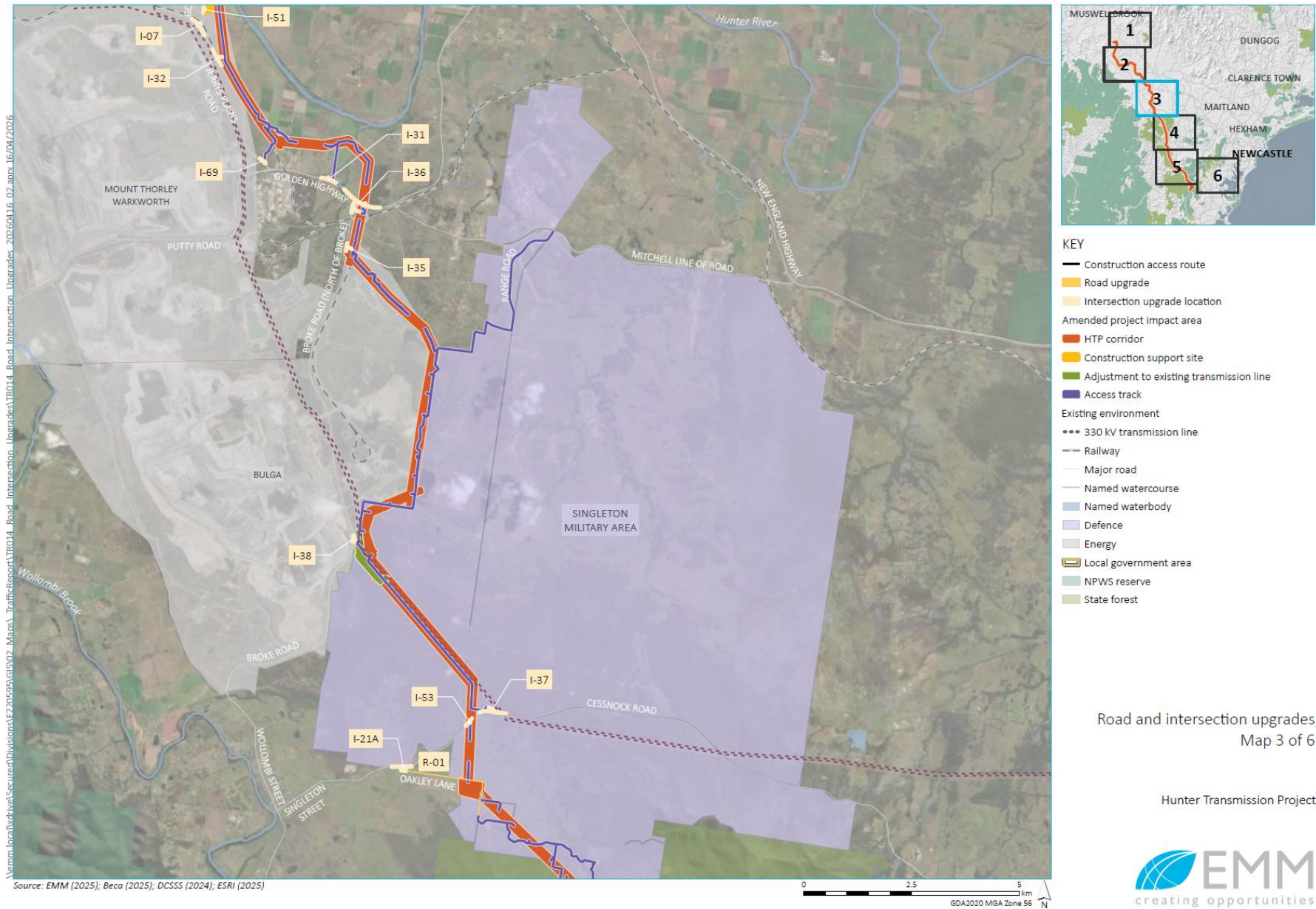


Figure 35 | Location of road upgrades (Map 3 of 6)

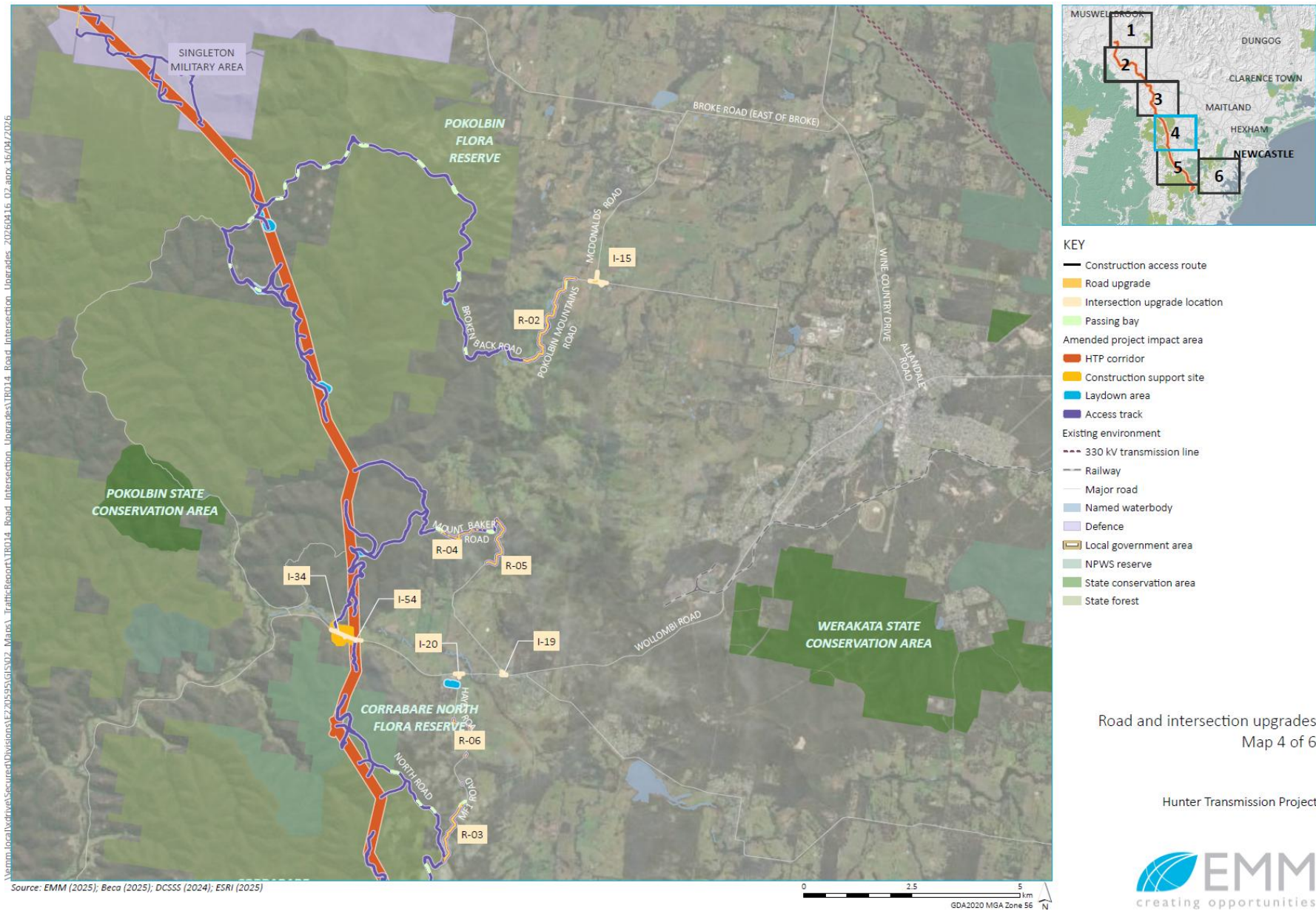


Figure 36 | Location of road upgrades (Map 4 of 6)

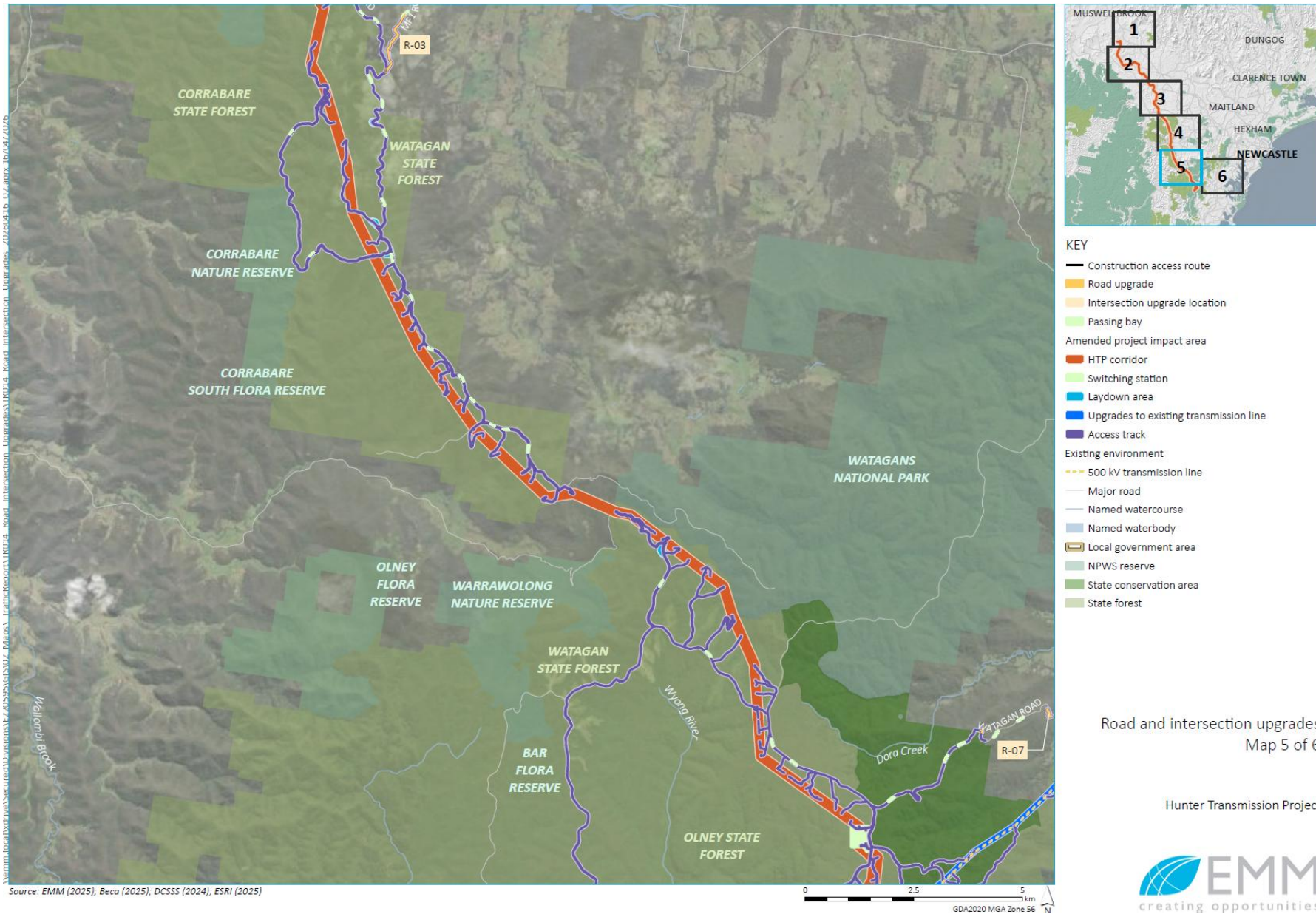


Figure 37 | Location of road upgrades (Map 5 of 6)

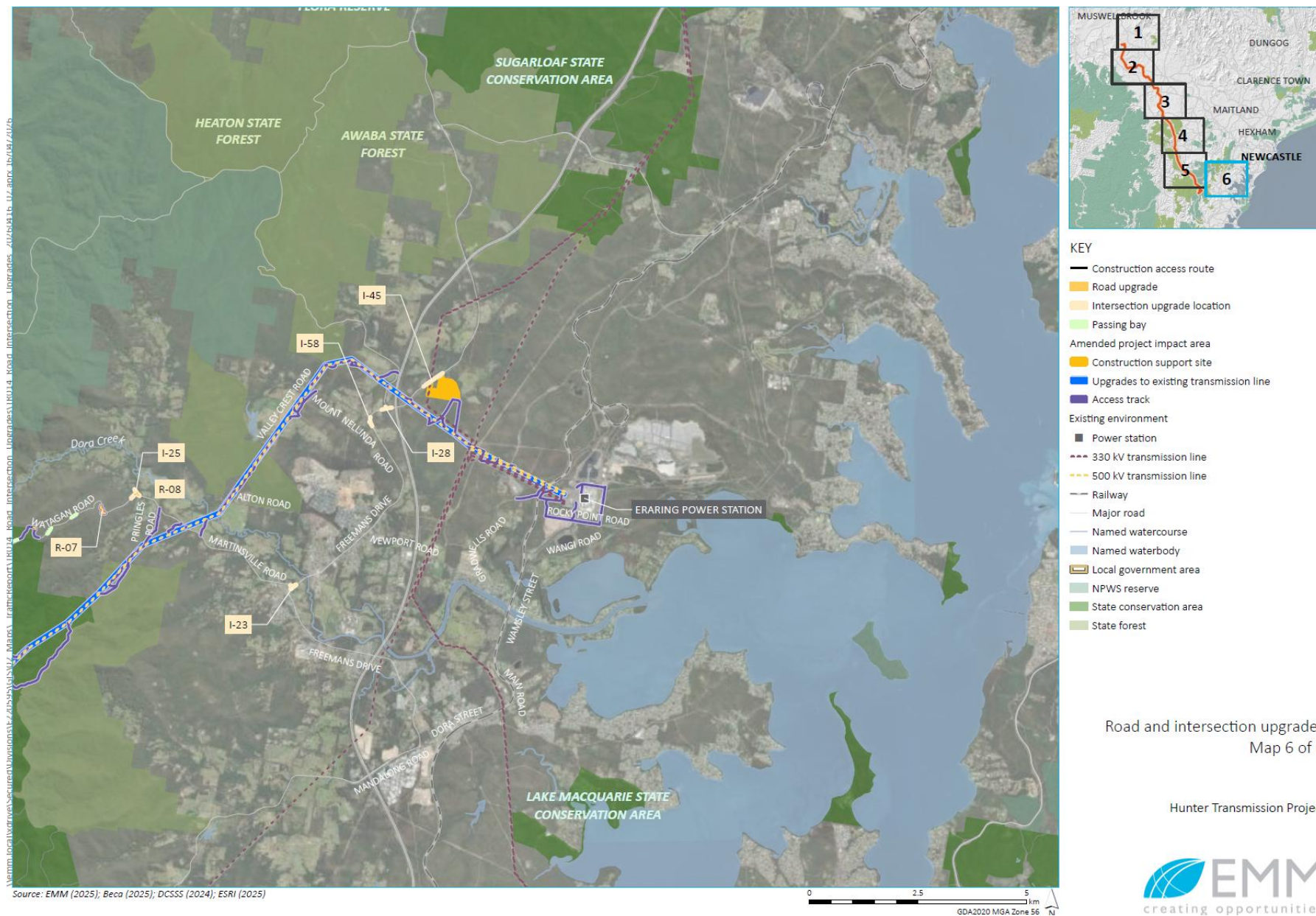


Figure 38 | Location of road upgrades (Map 6 of 6)

Table 10 | Road upgrades - roads

Ref	Road	Location	Treatment	Timing
Singleton Council				
R-01	Oakley Lane	Between Cessnock Road and approximately 2.2 kilometres east of Cessnock Road, Singleton (refer to Figure 35)	Localised widening for one lane movement for 19m articulated vehicle (AV).	Completed prior to use of the road for construction
Cessnock Council				
R-02	Pokolbin Mountains Road	Various sections between McDonalds Road and Broken Back Road, Pokolbin (refer to Figure 36)	Localised widening for one lane movement for 19m (AV). Construction of passing bays.	Completed prior to use of the road for construction
R-03	Mf1 Road	Various sections between approximately 900 metres north of Trig Road and Hayes Road, Millfield (refer to Figure 36)	Localised widening for one lane movement for 19m AV. Construction of passing bays.	Completed prior to use of the road for construction
R-05	Mount View Road	Various sections between Mount Baker Road and Wollombi Road in Mount View (refer to Figure 36)	Localised widening for one lane movement for 19m AV. Construction of passing bays.	Completed prior to use of the road for construction
R-06	Hayes Road	Various sections between Wollombi Road and Mf1 Road Millfield (refer to Figure 36)	Localised widening for one lane movement for 19m AV.	Completed prior to use of the road for construction
-	Broke Road	Broke Road, Pokolbin – Culvert Asset ID 164 located between McDonalds Road and Hermitage Road (Latitude: -32.76869, Longitude: 151.27153)	Structural strengthening works to Culvert Asset ID 164 in accordance with the recommendations of the Level 3 structural assessment and strengthening options report prepared for Council by a suitably qualified external structural engineer, to accommodate unrestricted General Mass Limit (GML) and project-related construction traffic. Works may include structural relining, reinforced concrete strengthening works, pavement restoration and associated ancillary works as required.	Completed prior to use of the road by heavy vehicles for construction

Lake Macquarie Council				
R-07	Watagan Road	Various sections between Martinsville Road and Martinsville Hill Road, Lake Macquarie (refer to Figure 37 and Figure 38)	Localised widening for one lane movement for OSOM with traffic control. Construction of passing bays.	Completed prior to use of the road for construction
R-07/R-08	Martinsville Road	Various sections between Watagan Road and Watagan Forest Road, Lake Macquarie (refer to Figure 38)	Localised widening for one lane movement for OSOM with traffic control.	Completed prior to use of the road for construction
Forestry Corporation of NSW				
-	Trig Road	Various sections between Mf1 Road and Cabans Road, Corrabare	Localised widening for one lane movement for 19m AV. Construction of passing bays.	Completed prior to use of the road for construction
-	Cabans Road	Various sections between Trig Road and Langans Road, Corrabare	Localised widening for one lane movement for 19m AV.	Completed prior to use of the road for construction
-	Langans Road	Various sections between Cabans Road and Cedar Brush Walk, Corrabare	Localised widening for one lane movement for 19m AV.	Completed prior to use of the road for construction
-	North Road	Various sections between Mf1 Road and Wollombi Road, Millfield	Localised widening for one lane movement for 19m AV.	Completed prior to use of the road for construction
-	Broken Back Road	Various sections after the first approximately 2.5 kilometres of Broken Back Road between Pokolbin Mountains Road and Broken Back Trail, Cedar Creek	Localised widening for one lane movement for 19m AV.	Completed prior to use of the road for construction
-	Broken Back Trail	Various sections between Broken Back Road and Campbell Springs Trail, Broke	Localised widening for one lane movement for 19m AV.	Completed prior to use of the road for construction
-	Campbell Springs Trail	Various sections between Broken Back Trail and approximately 4km south of Broken Back Trail, Broke	Localised widening for one lane movement for 19m AV.	Completed prior to use of the road for construction
-	Watagan Forest Road	Various sections between Martinsville Road and Wollombi Forest Road,	Localised widening for one lane movement for 19m AV and OSOM.	Completed prior to use of the road for

		Ravensdale	Construction of passing bays.	construction
-	Watagan Creek Road	Various sections between Wollombi Forest Road and approximately 2km north of Wollombi Forest Road, Olney	Localised widening for one lane movement for 19m AV.	Completed prior to use of the road for construction
-	Wollombi Forest Road	Various sections between Watagan Forest Road and Watagan Creek Road, Ravensdale	Localised widening for one lane movement for 19m AV.	Completed prior to use of the road for construction
-	Existing Track (adjacent Mount Baker Road in Mount View)	Various sections between Mount Baker Road and Wollombi Road, Mount View	Localised widening for one lane movement for 19m AV.	Completed prior to use of the road for construction
National Parks and Wildlife Service				
-	Martinsville Hill Road	Various sections between Watagan Road and Watagan Forest Road	Localised widening for one lane movement for OSOM with traffic control.	Completed prior to use of the road for construction
Crown roads				
R-01	Oakley Lane	Between approximately 2.2 kilometres east of Cessnock Road and approximately 2.7 kilometres east of Cessnock Road, Singleton (refer to Figure 35)	Localised widening for one lane movement for 19m AV.	Completed prior to use of the road for construction
R-03	Mf1 Road	Between Trig Road and approximately 900 metres north of Trig Road	Localised widening for one lane movement for 19m AV. Construction of passing bays.	Completed prior to use of the road for construction
R-04	Mount Baker Road	Various sections between Mount View Road and Existing Track (Mount View), Millfield (refer to Figure 36)	Localised widening for one lane movement for 19m AV. Construction of passing bays.	Completed prior to use of the road for construction
-	North Road	Various sections between Mf1 Road and Wollombi Road, Millfield	Localised widening for one lane movement for 19m AV.	Completed prior to use of the road for construction
-	Broken Back Road	Various sections within the first approximately 2.5 kilometres of Broken Back Road after Pokolbin Mountains Road	Localised widening for one lane movement for 19m AV.	Completed prior to use of the road for construction

Table 11 | Road upgrades - intersections

Ref	Intersection	Treatment	Drawing ID	Timing
State road network				
I-03	Golden Highway/Lemington Road – Jerry Plains	Widening on Lemington Road for turning vehicle swept path purposes. Upgrade to a BAL/CHR intersection.	2583080-CA-ANC-0617-2/3 ²	Completed prior to use of the intersection for construction
I-04	Golden Highway/Comleroi Road - Warkworth	Upgrade to an AUL/CHR intersection.	2583080-CA-ANC-0622-1/2 ³	Completed prior to use of the intersection for construction
I-07	Golden Highway/Gouldsville Road - Gouldsville	Upgrade to an AUL/CHR intersection.	2583080-CA-ANC-0637-1/2 ³	Completed prior to use of the intersection for construction
I-31	Putty Road/Existing Access – Mount Thorley	Widening on the existing access track for turning vehicle swept path purposes. Upgrade to an AUL intersection.	2583080-CA-ANC-0611-2/3 ³	Completed prior to use of the intersection for construction
I-32	Golden Highway/Existing Access Across Rail Track (Mount Thorley Warkworth) – Mount Thorley	Widening on the existing access track for turning vehicle swept path purposes. Upgrade to include an AUL left turn treatment.	2583080-CA-ANC-0612-3/4 ³	Completed prior to use of the intersection for construction
I-33	Golden Highway/Woodland Road - Warkworth	Widening on Woodlands Road for turning vehicles and passing movements. Upgrade to CHR intersection.	2583080-CA-ANC-0623-3/4 ³	Completed prior to use of the intersection for construction
I-69	Jerry Plains Road (southbound off ramp) / New Access Track – Mount Thorley	Upgrade to an AUL(s) intersection. Relocate existing signage to comply with SISD.	2583080-CA-ANC-0667-1/2 ²	Completed prior to use of the intersection for construction
Regional and local road network				

² Source: Annexure D of *Attachment E: Supplementary information in support of Hunter Transmission Project revised traffic and transport impact assessment*, submitted by the Proponent as part of Additional Information package dated 18 June 2026

³ Source: SCT Consulting, 17 February 2026. *Hunter Transmission Project Amended Report Revised Traffic and Transport Impact Assessment – Appendix D*

I-15	McDonalds Rd / Pokolbin Mountains Road - Pokolbin	Widening for two-way / two-lane heavy vehicle movements.	2583080-CA-ANC-0606-1 ³	Completed prior to use of the intersection for construction
I-19	Wollombi Road / Mount View Road (Millfield) - Millfield	Widening on Mount View Road (kerb adjustments) for turning vehicle swept path purposes.	2583080-CA-ANC-0604 ³	Completed prior to use of the intersection for construction
I-20	Wollombi Road / Hayes Road - Millfield	Widening, potential land acquisition and culvert extensions on Hayes Road for turning vehicle swept path purposes.	2583080-CA-ANC-0605-1 ³	Completed prior to use of the intersection for construction
I-21a	Cessnock Road / Oakley Lane - Broke	Widening on Oakley Lane for turning vehicle swept path purposes.	2583080-CA-ANC-0607-1 ³	Completed prior to use of the intersection for construction
I-23	Freemans Drive / Martinsville Road - Cooranbong	Widening and potential land acquisition for turning vehicle swept path purposes. Upgrade to an AUL(s)/CHR intersection.	2583080-CA-ANC-0601-4 ³	Completed prior to use of the intersection for construction
I-23	Freemans Drive / Martinsville Road - Cooranbong	Reconfiguration of intersection to an arrangement that is consistent with planned shared user path facility on Freemans Drive	2583080-CA-ANC-0601-5 ³	Completed post-construction, following completion of road upgrade works undertaken by Lake Macquarie City Council
I-25	Martinsville Road / Watagan Road - Martinsville	Widening and land acquisition on Watagan Road for turning vehicle swept path purposes.	2583080-CA-ANC-0602 ³	Completed prior to use of the intersection for construction
I-28	Freemans Drive / Mount Faulk Road - Cooranbong	Upgrade to a BAL/CHR(s) intersection.	2583080-CA-ANC-0652 ³	Completed prior to use of the intersection for construction
I-34	Wollombi Road /New & Existing Access to Construction Support Sites (Wollombi Road A & B) - Millfield	Reconfigured lane layouts for new intersections on Wollombi Road.	2583080-CA-ANC-0626-1/2 ³	Completed prior to use of the intersection for construction
I-35	Broke Road / Existing Access – Mount Thorley	Localised intersection widening on the existing access track. Upgrade to an AUL(s)/BAR intersection.	2583080-CA-ANC-0631 ³	Completed prior to use of the intersection for construction
I-36	Broke Road / Existing Access – Mount Thorley	Localised intersection widening on the existing access track.	2583080-CA-ANC-0632 ³	Completed prior to use of the intersection for

		Upgrade to an AUL(s)/BAR intersection.		construction
I-37	Cessnock Road / New Access – Singleton Military Area	Road widening on Cessnock Road including deceleration and acceleration lanes for intersection with new access track.	2583080-CA-ANC-0608 ³	Completed prior to use of the intersection for construction
I-38	Broke Road / Existing Access – Mount Thorley	Localised road and intersection widening for turning vehicle swept path purposes.	2583080-CA-ANC-0609 ³	Completed prior to use of the intersection for construction
I-40	Long Point Road West / Existing Easement 1 - Warkworth	Localised intersection widening on the existing access track for turning vehicle swept path purposes.	2583080-CA-ANC-0613-1 ³	Completed prior to use of the intersection for construction
I-41	Long Point Road West / Existing Easement 2 - Warkworth	Localised road on Long Point Road West and construction of new BAL/BAR intersection.	2583080-CA-ANC-0633 ³	Completed prior to use of the intersection for construction
I-42	Archerfield Road / Existing Access - Warkworth	Localised intersection widening on Archerfield Road for passing vehicles and on existing access track for turning vehicle swept path purposes.	2583080-CA-ANC-0614 ³	Completed prior to use of the intersection for construction
I-43	Lemington Road / Existing Access - Ravensworth	Localised intersection widening on existing access track for two-way simultaneous vehicle movement.	2583080-CA-ANC-0615 ³	Completed prior to use of the intersection for construction
I-45	Freemans Drive / New Access to Construction Support Site (Freemans Drive) - Cooranbong	Localised widening on Freemans Drive and construction of new BAL/CHR(s) intersection.	2583080-CA-ANC-0630- 2 ³	Completed prior to use of the intersection for construction
I-47	Pikes Gully Road / New Access to Construction Support Site (Pikes Gully Road) - Howick	Widening on Pikes Gully Road and construction of new BAL/BAR intersection.	2583080-CA-ANC-0634 ³	Completed prior to use of the intersection for construction
I-48	Hebden Road / New Access to Construction Support Site (Hebden Road) - Muswellbrook	Localised widening on Hebden Road and construction of new BAL/BAR intersection.	2583080-CA-ANC-0619 ³	Completed prior to use of the intersection for construction
I-49	Lemington Road / New Access - Lemington	Localised intersection widening and construction of new access track opposite Old Lemington Road.	2583080-CA-ANC-0616-1/2 ³	Completed prior to use of the intersection for construction
I-50	Lemington Road / Old Lemington Road - Lemington	Widening on Old Lemington Road for turning vehicle swept path purposes.	2583080-CA-ANC-0616-1/2 ³	Completed prior to use of the intersection for construction

I-51	Gouldsville Road / New Access to Construction Support Site (Gouldsville Road) - Gouldsville	Widening on Gouldsville Road and construction of new BAL/BAR intersection.	2583080-CA-ANC-0627 ³	Completed prior to use of the intersection for construction
I-53	Cessnock Road / New Access – Singleton Military Area	Localised widening of Cessnock Road and construction of new BAL/BAR intersection.	2583080-CA-ANC-0640 ³	Completed prior to use of the intersection for construction
I-54	Wollombi Road / New Access - Millfield	Localised widening of Wollombi Road, culvert extensions on access track and construction of new BAL/BAR intersection. This intersection does not comply with SISD requirements. A reduced temporary speed limit will be required along Wollombi Road on approach to the New Access Road intersection.	2583080-CA-ANC-0642 ³	Completed prior to use of the intersection for construction
I-58	Freemans Drive / Mount Nellinda Road - Cooranbong	Localised widening on the corner of Mount Nelinda Road and Freemans Drive required for turning vehicle swept path purposes. Upgrade to a BAL/CHR(s) intersection.	2583080-CA-ANC-0664 ³	Completed prior to use of the intersection for construction

APPENDIX 6 WRITTEN INCIDENT NOTIFICATION AND REPORTING REQUIREMENTS

1. All incident notifications and reports must be submitted via the NSW Planning Portal (Major Projects).
2. The Proponent must provide notification as required under these requirements, even if the Proponent fails to give the notification required under condition C17 or, having given such notification, subsequently forms the view that an incident has not occurred.
3. Within 7 days (or as otherwise agreed by the Planning Secretary) of the Proponent making the immediate incident notification (in accordance with condition C17), the Proponent is required to submit a subsequent incident report that:
 - a) identifies how the incident was detected;
 - b) identifies when the Proponent became aware of the incident;
 - c) identifies any actual or potential non-compliance with conditions of approval;
 - d) identifies further action(s) that will be taken in relation to the incident; and
 - e) a summary of the incident;
 - f) outcomes of an incident investigation, including identification of the cause of the incident;
 - g) details of the corrective and preventative actions that have been, or will be, implemented to address the incident and prevent recurrence, including the period for implementing any corrective and/or preventative actions; and
 - h) details of any communication with other stakeholders regarding the incident.
4. The Proponent must submit any further reports as directed by the Planning Secretary.