

Correspondence advising dates for fieldwork: Tenterfield to Bonshaw ETL. Copies of maps sent with methodology letters Tenterfield to Bonshaw ETL can be found in Appendices 5 and 6.



Environmental & Heritage Management P/L

ABN: 59 104 582 354

7th October 2009

Members: Kambuwal Aboriginal Corporation
for Culture, Heritage & Land
c/- Mr B Brown / Chairperson
63 Percy Street
Warwick QLD 4370

Dear Barry,

Re: Aboriginal heritage assessment for the proposed Far North NSW Transmission Line Upgrade, between Bonshaw and Lismore.

Your organisation was sent a letter on 20th August outlining the proposed methodology for the cultural and archaeological assessment for the proposed Far North NSW Transmission Line Upgrade. The methodology etc. described in this correspondence is still applicable, however we would now like to advise the proposed field work dates for the Tenterfield to Bonshaw Electricity Transmission Line (ETL) Study Area. As expressed to the OzArk office we understand your area of interest extends from Bonshaw to the New England Highway, shown as areas C1, C2, C3, C4, C5 and a portion of C8 on the attached map.

We have recently received certification from you which verifies that the Kambuwal Aboriginal Corporation for Culture, Heritage & Land (KACCH&L) is exempt from having to obtain a Workers Compensation Policy. This documentation has also been accepted as confirmation that the KACCH&L wish to participate in the field assessment as per the terms outlined in the methodology letter.

The field assessment –Tenterfield to Bonshaw ETL: OzArk would like to invite one (1) member from the Kambuwal Aboriginal Corporation for Culture, Heritage & Land participate in the field assessment relating to this portion of the survey, tentatively planned during the week **Monday 26th October to Friday 30th October**. The amount of days required for survey will depend on ground speed and access to the properties to be assessed. Representatives are to meet at **8 am at a destination to be advised prior to the survey date**. We aim to survey properties, assessed through predictive modelling, as having the highest likelihood of Aboriginal sites, as well as random landforms which may be of cultural significance (see attached **Maps**).

Personal Protective Equipment (PPE): Each group is responsible for their own OH&S issues. Please ensure your Site's Officer has adequate Personal Protective Equipment; long sleeve shirt and pants, broad brimmed hat, high visibility safety vests, boots / appropriate walking shoes, sunscreen etc. All staff provided should be physically fit and able to walk long distances, up to 10 km per day. It is the responsibility of each group to identify if any of your personnel have medical conditions / allergies that should be known to other

[OZARK ENVIRONMENTAL & HERITAGE MANAGEMENT P/L –PO Box 2069 Dubbo NSW 2830](#)

Tel: 6882 0118; Fax: 6882 0630; Mob: 0403 763 504 / 0423 198 898; E-mail:

jodie@ozarkehm.com.au / phil@ozarkehm.com.au Web: www.ozarkehm.com.au

people participating in the field assessment in the event of an emergency. The OzArk field director will send home anyone who they determine to be 'unfit for work' or who may pose an OH&S risk to themselves or others.

There is little opportunity to get to shops where we will be working. It is important each person should ensure they have enough food, water and any other necessity for the day.

Fee offer: The Proponent is offering \$600.00 (excl. GST) per day for participation in the field survey for an experienced, senior Sites Officer or Elder; or \$400 (excl. GST) per day for a junior Sites Officer. This fee is all inclusive of travel, accommodation and meal expenses. Invoices are to be addressed to OzArk EHM P/L, P O Box 2069, Dubbo, NSW, 2830 and Attention: Jodie Benton.

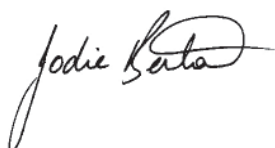
Fees will be paid promptly upon receipt of invoices at the completion of the survey.

Note: It is not protocol that payment for services is paid prior to the service being provided. If your organisation is unable to meet the costs of travel and accommodation prior to payment being made, please advise us in writing so that we can present these concerns to TransGrid. It is not common that we pay sites officers prior to survey thus OzArk is not authorised to make payments in advance of field work.

Important: Due to the size of this project, and the area we need to survey, we are doing our best to estimate the length of time it will take to complete each portion of the assessment. We also need to be aware of where the ETL crosses in relation to the interest area boundaries of each Registered Stakeholder group, and relevant LALC, and plan the survey days accordingly. It is noteworthy that many factors may delay our progress, i.e weather conditions, excessive sites recorded, property access, however we hope to complete the field work on the schedules dates. If the arrangements need to be updated we ask that you provide a contact number for your nominated sites officer so we are able to liaise directly with them, and they are not inconvenienced by any changes. Please provide this information when you respond to this correspondence.

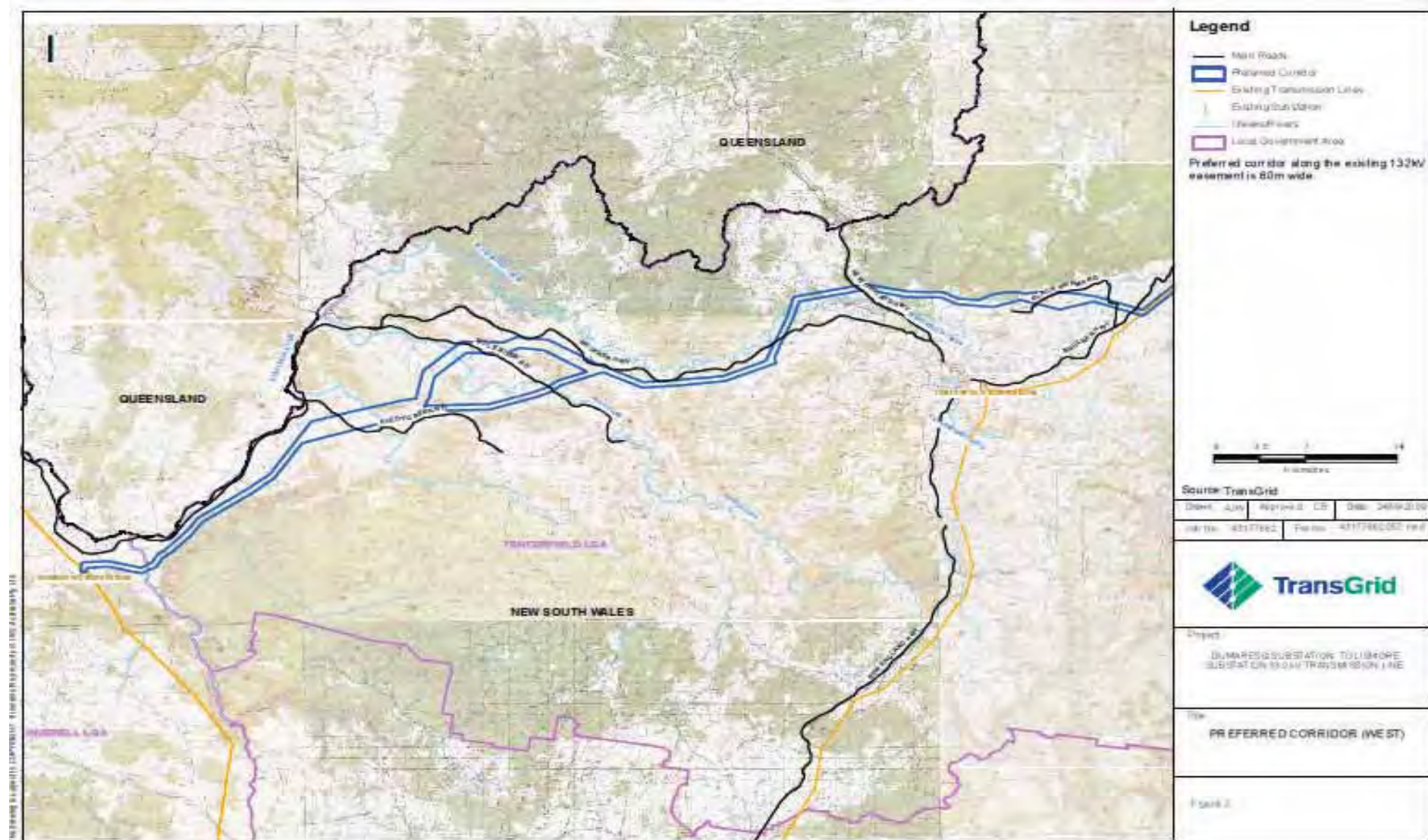
If you have any queries, please feel free to contact our office.

Kind regards



Jodie Benton
Director

Encl. Maps showing Study Area delineated by the blue lines.





Environmental & Heritage Management P/L

ABN: 59 104 582 354

7th October 2009

Ms B Daley
71 Riley Street
Tenterfield NSW 2372

Dear Bertha,

Re: Aboriginal heritage assessment for the proposed Far North NSW Transmission Line Upgrade, between Bonshaw and Lismore.

Although to date you have not participated in the physical component of this project, we would like to advise that the field work has now progressed and we will be assessing the western portion of the Study Area in late October, see attached maps.

To date we have not received verification from you which indicates you have the appropriate workers compensation cover, or are affiliated with an organisation under which you would be covered. If these circumstances change and you can forward this documentation, the October survey dates are outlined below.

The field assessment – Tenterfield to Bonshaw ETL: The five (5) day field assessment relating to the western portion of the survey is tentatively planned during the week of **Monday 26th October to Friday 30th October**. The amount of days required for survey will depend on ground speed and access to the properties to be assessed. We aim to survey properties, assessed through predictive modelling, as having the highest likelihood of Aboriginal sites, as well as random landforms which may be of cultural significance (see attached **Maps**).

As we are interested in the culture and heritage of the area we would value any site specific knowledge relevant to the area(s) in which the easement is being replaced / constructed. If you wish to share any cultural heritage knowledge relevant to the project area, you are invited to contact our office. Alternatively, if feasible, we can arrange to meet with you during the week of the survey when we are in the area.

If you have any queries, please feel free to contact our office.

Kind regards

Phillip Cameron / Project Manager



Environmental & Heritage Management P/L

ABN: 59 104 582 354

7th October 2009

Members: Moombahlene LALC
c/- Mr P Harmond
PO Box 70
Tenterfield NSW 2372
E: 'moombahlenelalc1@bigpond.com'

Dear Peter

Re: Aboriginal heritage assessment for the proposed Far North NSW Transmission Line Upgrade, between Bonshaw and Lismore.

Although to date Moombahlene LALC have not participated in the physical component of this project, we would like to advise that the field work has now progressed and we will be assessing the western portion of the Study Area in late October.

Your correspondence of 7th September 2009 advised MLALC was not in a position to directly participate in the site assessment, however if these circumstances change the October survey dates are outlined below.

The field assessment –Tenterfield to Bonshaw ETL: OzArk would like to invite one (1) member from MLALC to participate in the field assessment relating to this portion of the survey, tentatively planned during the week of **Monday 26th October to Friday 30th October**. The amount of days required for survey will depend on ground speed and access to the properties to be assessed. Representatives are to meet at **8 am at a destination to be advised prior to the survey date**. We aim to survey properties, assessed through predictive modelling, as having the highest likelihood of Aboriginal sites, as well as random landforms which may be of cultural significance (see attached **Maps**).

Fee Offer - The rate of pay is \$600 per day for a senior representative and \$400 per day for a junior, inclusive of all expenses, not including GST.

As we are interested in the culture and heritage of the MLALC we would value any site specific knowledge relevant to the area(s) in which the easement is being replaced / constructed. If members of the MLALC are not currently aware of this project, we would appreciate if the opportunity arose it could be raised at any upcoming MLALC meetings. If members wish to share any cultural heritage knowledge relevant to the project area, they are invited to contact our office.

Thank you for your assistance.

Kind regards

Phillip Cameron / Project Manager



Environmental & Heritage Management P/L

ABN: 59 104 582 354

7th October 2009

Members: Maree Aboriginal Corp Land Council
c/- Mr R Brown / Chairperson
38b Conrad Street
Warwick NSW 4370

Dear Robert,

Re: Aboriginal heritage assessment for the proposed Far North NSW Transmission Line Upgrade, between Bonshaw and Lismore.

Your organisation was sent a letter on 20th August outlining the proposed methodology for the cultural and archaeological assessment for the proposed Far North NSW Transmission Line Upgrade. The methodology etc. described in this correspondence is still applicable, however we would now like to advise the proposed field work dates for the Tenterfield to Bonshaw Electricity Transmission Line (ETL) Study Area. From mapping that you have provided we understand that your area of interest extends to the areas marked C1, C2, C3, C4, C5 and C8 on the enclosed map.

We have recently received certification from you which verifies that the Maree Aboriginal Corporation Land Council (MACLC) is exempt from having to obtain a Workers Compensation Policy. This documentation has also been accepted as confirmation that the MACLC wish to participate in the field assessment as per the terms outlined in the methodology letter.

The field assessment –Tenterfield to Bonshaw ETL: OzArk would like to invite one (1) member from Maree Aboriginal Corporation Land Council to participate in the field assessment relating to this portion of the survey, tentatively planned during the week of **Monday 26th October to Friday 30th October**. The amount of days required for survey will depend on ground speed and access to the properties to be assessed. Representatives are to meet at **8 am at a destination to be advised prior to the survey date**. We aim to survey properties, assessed through predictive modelling, as having the highest likelihood of Aboriginal sites, as well as random landforms which may be of cultural significance (see attached **Maps**).

Personal Protective Equipment (PPE): Each group is responsible for their own OH&S issues. Please ensure your Site's Officer has adequate Personal Protective Equipment; long sleeve shirt and pants, broad brimmed hat, high visibility safety vests, boots / appropriate walking shoes, sunscreen etc. All staff provided should be physically fit and able to walk long distances, up to 10 km per day. It is the responsibility of each group to identify if any of your personnel have medical conditions / allergies that should be known to other people participating in the field assessment in the event of an

emergency. The OzArk field director will send home anyone who they determine to be 'unfit for work' or who may pose an OH&S risk to themselves or others.

There is little opportunity to get to shops where we will be working. It is important each person should ensure they have enough food, water and any other necessity for the day.

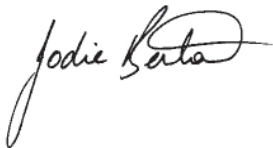
Fee offer: The Proponent is offering \$600.00 (excl. GST) per day for participation in the field survey for an experienced, senior Sites Officer or Elder; or \$400 (excl. GST) per day for a junior Sites Officer. This fee is all inclusive of travel, accommodation and meal expenses. Invoices are to be addressed to OzArk EHM P/L, P O Box 2069, Dubbo, NSW, 2830 and Attention: Jodie Benton.

Fees will be paid promptly upon receipt of invoices at the *completion* of the survey.

Important: Due to the size of this project, and the area we need to survey, we are doing our best to estimate the length of time it will take to complete each portion of the assessment. We also need to be aware of where the ETL crosses in relation to the interest area boundaries of each Registered Stakeholder group, and relevant LALC, and plan the survey days accordingly. It is noteworthy that many factors may delay our progress, i.e weather conditions, excessive sites recorded, property access, however we hope to complete the field work on the schedules dates. If the arrangements need to be updated we ask that you provide a contact number for your nominated sites officer so we are able to liaise directly with them, and they are not inconvenienced by any changes. Please provide this information when you respond to this correspondence.

If you have any queries, please feel free to contact our office.

Kind regards

A handwritten signature in black ink, appearing to read 'Jodie Benton', with a stylized, flowing script.

Jodie Benton
Director

Encl. Maps showing Study Area delineated by the blue lines.



Environmental & Heritage Management P/L

ABN: 59 104 582 354

7th October 2009

Members: Edgerton-Kwiembal Environmental,
Heritage and Cultural Aboriginal Corporation
c/- Liza Duncan
2 David Street
Ashford NSW 2361

Dear Liza,

Re: Aboriginal heritage assessment for the proposed Far North NSW Transmission Line Upgrade, between Bonshaw and Lismore.

Your organisation was sent a letter on 20th August outlining the proposed methodology for the cultural and archaeological assessment for the proposed Far North NSW Transmission Line Upgrade. The methodology etc. described in this correspondence is still applicable, however we would now like to advise the proposed field work dates for the Tenterfield to Bonshaw Electricity Transmission Line (ETL) Study Area. From correspondence that OzArk received from your organisation we understand that your area of interest extends to the areas marked C1, C2, C3, C4, C5 and a portion of C8 on the enclosed map.

We have recently received certification from you which verifies that the Edgerton-Kwiembal Environmental, Heritage & Cultural Aboriginal Corp (EKEHCAC) is exempt from having to obtain a Workers Compensation Policy. This documentation has also been accepted as confirmation that the EKEHCAC wish to participate in the field assessment as per the terms outlined in the methodology letter.

The field assessment –Tenterfield to Bonshaw ETL: OzArk would like to invite one (1) member from the Edgerton-Kwiembal Environmental, Heritage & Cultural Aboriginal Corp to participate in the field assessment relating to this portion of the survey, tentatively planned during the week **Monday 26th October to Friday 30th October**. The amount of days required for survey will depend on ground speed and access to the properties to be assessed. Representatives are to meet at **8 am at a destination to be advised prior to the survey date**. We aim to survey properties, assessed through predictive modelling, as having the highest likelihood of Aboriginal sites, as well as random landforms which may be of cultural significance (see attached **Maps**).

Personal Protective Equipment (PPE): Each group is responsible for their own OH&S issues. Please ensure your Site's Officer has adequate Personal Protective Equipment; long sleeve shirt and pants, broad brimmed hat, high visibility safety vests, boots / appropriate walking shoes, sunscreen etc. All staff provided should be physically fit and able to walk long distances, up to 10 km per day. It is the responsibility of each group to identify if any of your personnel have medical conditions / allergies that should be known to other people participating in the field assessment in the event of an emergency. The OzArk field director will send home anyone who they determine to be 'unfit for work' or who may pose an OH&S risk to themselves or others.

There is little opportunity to get to shops where we will be working. It is important each person should ensure they have enough food, water and any other necessity for the day.

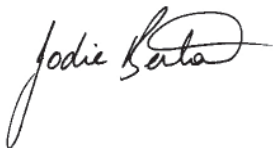
Fee offer: The Proponent is offering \$600.00 (excl. GST) per day for participation in the field survey for an experienced, senior Sites Officer or Elder; or \$400 (excl. GST) per day for a junior Sites Officer. This fee is all inclusive of travel, accommodation and meal expenses. Invoices are to be addressed to OzArk EHM P/L, P O Box 2069, Dubbo, NSW, 2830 and Attention: Jodie Benton.

Fees will be paid promptly upon receipt of invoices at the *completion* of the survey.

Important: Due to the size of this project, and the area we need to survey, we are doing our best to estimate the length of time it will take to complete each portion of the assessment. We also need to be aware of where the ETL crosses in relation to the interest area boundaries of each Registered Stakeholder group, and relevant LALC, and plan the survey days accordingly. It is noteworthy that many factors may delay our progress, i.e weather conditions, excessive sites recorded, property access, however we hope to complete the field work on the schedules dates. If the arrangements need to be updated we ask that you provide a contact number for your nominated sites officer so we are able to liaise directly with them, and they are not inconvenienced by any changes. Please provide this information when you respond to this correspondence.

If you have any queries, please feel free to contact our office.

Kind regards



Jodie Benton
Director

Encl. Maps showing Study Area delineated by the blue lines.



Environmental & Heritage Management P/L

ABN: 59 104 582 354

7th October 2009

Members: Kwiemba Elders Indigenous Group
c/- Mr C Talbot
25 Albury Street
Ashford NSW 2361

Dear Cedric,

Re: Aboriginal heritage assessment for the proposed Far North NSW Transmission Line Upgrade, between Bonshaw and Lismore.

Your organisation was sent a letter on 20th August outlining the proposed methodology for the cultural and archaeological assessment for the proposed Far North NSW Transmission Line Upgrade. The methodology etc. described in this correspondence is still applicable, however we would now like to advise the proposed field work dates for the Tenterfield to Bonshaw Electricity Transmission Line (ETL) Study Area. As expressed to the OzArk office we understand your area of interest extends from the Mole River into the area C1 and part of C2 & C3 on the attached map.

Although we have recently received documentation from you which advises us of your ABN we are yet to receive verification that you have the appropriate workers compensation cover. As per our correspondence to your organisation dated 7th September we noted the following:

- Due to new legislation introduced on 30th June, if your organisation expects to pay \$7,500 or less in Wages for this financial year, your organisation no longer requires a Workers Compensation insurance Policy. We do however require **a letter stating this information²** on your company letterhead and signed by a member of your board, see example enclosed.

We would request that you forward this documentation, or the appropriate insurance policy, to our office by **Friday 16th October 2009**.

² Please note that penalties apply if you provide incorrect Wage Declarations or fail to take out a Policy when your Wages exceed \$7,500.

The field assessment –Tenterfield to Bonshaw ETL: OzArk would like to invite one (1) member from the Kwiemba Elders Indigenous Group (KEIG) to participate in the field assessment relating to this western portion of the survey, tentatively planned during the week of **Monday 26th October to Friday 30th October**. The amount of days required for survey will depend on ground speed and access to the properties to be assessed. Representatives are to meet at **8 am at a destination to be advised prior to the survey date**. We aim to survey properties, assessed through predictive modelling, as having the highest likelihood of Aboriginal sites, as well as random landforms which may be of cultural significance (see attached **Maps**).

Personal Protective Equipment (PPE): Each group is responsible for their own OH&S issues. Please ensure your Site's Officer has adequate Personal Protective Equipment; long sleeve shirt and pants, broad brimmed hat, high visibility safety vests, boots / appropriate walking shoes, sunscreen etc. All staff provided should be physically fit and able to walk long distances, up to 10 km per day. It is the responsibility of each group to identify if any of your personnel have medical conditions / allergies that should be known to other people participating in the field assessment in the event of an emergency. The OzArk field director will send home anyone who they determine to be 'unfit for work' or who may pose an OH&S risk to themselves or others.

There is little opportunity to get to shops where we will be working. It is important each person should ensure they have enough food, water and any other necessity for the day.

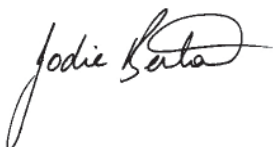
Fee offer: The Proponent is offering \$600.00 (excl. GST) per day for participation in the field survey for an experienced, senior Sites Officer or Elder; or \$400 (excl. GST) per day for a junior Sites Officer. This fee is all inclusive of travel, accommodation and meal expenses. Invoices are to be addressed to OzArk EHM P/L, P O Box 2069, Dubbo, NSW, 2830 and Attention: Jodie Benton.

Fees will be paid promptly upon receipt of invoices at the *completion* of the survey.

Important: Due to the size of this project, and the area we need to survey, we are doing our best to estimate the length of time it will take to complete each portion of the assessment. We also need to be aware of where the ETL crosses in relation to the interest area boundaries of each Registered Stakeholder group, and relevant LALC, and plan the survey days accordingly. It is noteworthy that many factors may delay our progress, i.e weather conditions, excessive sites recorded, property access, however we hope to complete the field work on the scheduled dates. If the arrangements need to be updated we ask that you provide a contact number for your nominated sites officer so we are able to liaise directly with them, and they are not inconvenienced by any changes. Please provide this information when you respond to this correspondence.

If you have any queries, please feel free to contact our office.

Kind regards



Jodie Benton / Director

LETTERHEAD (INCLUDE - ORGANISATION NAME / ADDRESS / CONTACT NUMBERS)

Dear OzArk

This letter is to confirm that our organisation does not pay wages over \$7,500 and is not expected to this financial year and therefore it is not required that our organisation obtain a Workers Compensation Policy. We understand that penalties will apply if we provide incorrect Wage Declarations or fail to take out a Policy if our organisation's wages exceed \$7,500.

Should you require further information please contact the signatory below.

Signed

Print Name

(I, the above mentioned representative of 'insert name of organisation' declare this information to be true and correct)

Date.....



Environmental & Heritage Management P/L

ABN: 59 104 582 354

7th October 2009

Ms L Bartholomew
7 Railway Street
Tenterfield NSW 2372

Dear Lilly,

Re: Aboriginal heritage assessment for the proposed Far North NSW Transmission Line Upgrade, between Bonshaw and Lismore.

Although to date you have not participated in the physical component of this project, we would like to advise that the field work has now progressed and we will be assessing the western portion of the Study Area in late October, see attached maps.

To date we have not received verification from you which indicates you have the appropriate workers compensation cover, or are affiliated with an organisation under which you would be covered. If these circumstances change and you can forward this documentation, the October survey dates are outlined below.

The field assessment – Tenterfield to Bonshaw ETL: The five (5) day field assessment relating to the western portion of the survey is tentatively planned during the week of **Monday 26th October to Friday 30th October**. The amount of days required for survey will depend on ground speed and access to the properties to be assessed. We aim to survey properties, assessed through predictive modelling, as having the highest likelihood of Aboriginal sites, as well as random landforms which may be of cultural significance (see attached **Maps**).

As we are interested in the culture and heritage of the area we would value any site specific knowledge relevant to the area(s) in which the easement is being replaced / constructed. If you wish to share any cultural heritage knowledge relevant to the project area, you are invited to contact our office. Alternatively, if feasible, we can arrange to meet with you during the week of the survey when we are in the area.

If you have any queries, please feel free to contact our office.

Kind regards

A handwritten signature in black ink, appearing to read 'Phillip Cameron'. The signature is written in a cursive, flowing style with a long horizontal stroke at the end.

Phillip Cameron / Project Manager

Sample correspondence advising change of fieldwork dates: Tenterfield to Bonshaw ETL.



Environmental & Heritage Management P/L

ABN: 59 104 582 354

19th November 2009

Members: Kambuwal Aboriginal Corporation
for Culture, Heritage & Land
c/- Mr B Brown / Chairperson
63 Percy Street
Warwick QLD 4370

Dear Barry,

Re: Aboriginal heritage assessment for the proposed Far North NSW Transmission Line Upgrade, between Bonshaw and Lismore.

On behalf of TransGrid and Ozark we would like to apologise for any inconvenience caused by the postponement of the field work for this project. We would now like to advise the re-scheduled dates for the Tenterfield to Bonshaw ETL cultural heritage assessment.

The field assessment –Tenterfield to Bonshaw ETL: OzArk would like to invite one (1) member from Kambuwal Aboriginal Corporation to participate in the field assessment relating to this portion of the survey, tentatively planned during the week of **Monday 30th November to Friday 4th December**, and potentially the next week Monday 7th to Friday 11th December. The amount of days required for survey will depend on ground speed and access to the properties to be assessed. Representatives are to meet at **8 am at a destination to be advised prior to the survey date**. We aim to survey properties, assessed through predictive modelling, as having the highest likelihood of Aboriginal sites, as well as random landforms which may be of cultural significance (maps included in previous correspondence dated 7th October 2009).

As per our previous correspondence please ensure your sites officer has appropriate Personal Protective Equipment (PPE) and is physically fit and able to walk long distances, up to 10 km per day. Note that there is little opportunity to get to shops where we will be working. It is important each person ensures they have enough food, water and any other necessity for the day.
If you have any queries, please feel free to contact our office.

Kind regards

Cheryl Burke
Office Administrator

Sample correspondence advising additional fieldwork for access tracks October 2010.

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**Environmental & Heritage Management
P/L**

6th October 2010

Members: Kambuwal Aboriginal Corporation
for Culture, Heritage & Land
c/- Mr B Brown / Chairperson
63 Percy Street
Warwick QLD 4370

Dear Barry,

Re: Aboriginal heritage assessment for the proposed Far North NSW Transmission Line Upgrade, between Bonshaw and Lismore.

As you are aware OzArk, on behalf of TransGrid, has been involved in the Aboriginal heritage assessment relating to the above mentioned project. As access track routes have now been defined, we would like advise that further fieldwork for this project will be undertaken during October.

The field assessment –Tenterfield to Bonshaw ETL: OzArk would like to invite one (1) member from Kambuwal Aboriginal Corporation to participate in the five (5) day field assessment relating to this portion of the survey, planned for **Monday 18th October to Friday 22nd October**. Representatives are to meet at **9 am at a destination to be advised prior to the survey date**. We aim to survey properties, assessed through predictive modelling, as having the highest likelihood of Aboriginal sites, as well as random landforms which may be of cultural significance.

Fee Offer - The rate of pay is \$600 per day for a Snior representative or Elder, inclusive of all expenses, not including GST.

As per our previous correspondence and the surveys in which your organisation participated in 2009, please ensure your Site Officer has appropriate Personal Protective Equipment (PPE) and is physically fit and able to walk long distances, up to 10 km per day. Note that there is little opportunity to get to shops where we will be working. It is important each person ensures they have enough food, water and any other necessity for the day.

In relation to the fee offer and scheduled dates we would appreciate confirmation of your representative's participation in the field assessment.

If you have any queries, please feel free to contact our office.

Kind regards

A handwritten signature in black ink that reads 'Cheryl Burke'.

Cheryl Burke / Office Administrator



**Environmental & Heritage Management
P/L**

6th October 2010

Members: Edgerton-Kwiemba Environmental,
Heritage and Cultural Aboriginal Corporation
c/- Liza Duncan
2 David Street
Ashford NSW 2361

Dear Liza,

*Re: Aboriginal heritage assessment for the proposed Far North NSW Transmission Line Upgrade, between
Bonshaw and Lismore.*

As you are aware OzArk, on behalf of TransGrid, has been involved in the Aboriginal heritage assessment relating to the above mentioned project. As access track routes have now been defined, we would like advise that further fieldwork for this project will be undertaken during October.

The field assessment –Tenterfield to Bonshaw ETL: OzArk would like to invite one (1) member from E-KEHCAC to participate in the five (5) day field assessment relating to this portion of the survey, planned for **Monday 18th October to Friday 22nd October**. Representatives are to meet at **9 am at a destination to be advised prior to the survey date**. We aim to survey properties, assessed through predictive modelling, as having the highest likelihood of Aboriginal sites, as well as random landforms which may be of cultural significance.

Fee Offer - The rate of pay is \$600 per day for a Senior representative or Elder, inclusive of all expenses, not including GST.

As per our previous correspondence and the surveys in which your organisation participated in 2009, please ensure your Site Officer has appropriate Personal Protective Equipment (PPE) and is physically fit and able to walk long distances, up to 10 km per day. Note that there is little opportunity to get to shops where we will be working. It is important each person ensures they have enough food, water and any other necessity for the day.

In relation to the fee offer and scheduled dates we would appreciate confirmation of your representative's participation in the field assessment.
If you have any queries, please feel free to contact our office.

Kind regards


Cheryl Burke / Office Administrator



6th October 2010

**Environmental & Heritage Management
P/L**

Members: Kwiemba Elders Indigenous Group
c/- Mr C Talbot
25 Albury Street
Ashford NSW 2361

Dear Cedric,

Re: Aboriginal heritage assessment for the proposed Far North NSW Transmission Line Upgrade, between Bonshaw and Lismore.

As you are aware OzArk, on behalf of TransGrid, has been involved in the Aboriginal heritage assessment relating to the above mentioned project. As access track routes have now been defined, we would like advise that further fieldwork for this project will be undertaken during October.

The field assessment –Tenterfield to Bonshaw ETL: OzArk would like to invite one (1) member from Kwiemba Elders Indigenous Group to participate in the three (3) day field assessment relating to this portion of the survey, planned for **Monday 18th October to Wednesday 20th October**, Representatives are to meet at **9 am at a destination to be advised prior to the survey date**. We aim to survey properties, assessed through predictive modelling, as having the highest likelihood of Aboriginal sites, as well as random landforms which may be of cultural significance.

Fee Offer - The rate of pay is \$600 per day for a Senior representative or Elder, inclusive of all expenses, not including GST.

As per our previous correspondence and the surveys in which your organisation participated in 2009, please ensure your Site Officer has appropriate Personal Protective Equipment (PPE) and is physically fit and able to walk long distances, up to 10 km per day. Note that there is little opportunity to get to shops where we will be working. It is important each person ensures they have enough food, water and any other necessity for the day.

In relation to the fee offer and scheduled dates we would appreciate confirmation of your representative's participation in the field assessment.

If you have any queries, please feel free to contact our office.

Kind regards

A handwritten signature in black ink, appearing to read 'Cheryl Burke'.

Cheryl Burke / Office Administrator



**Environmental & Heritage Management
P/L**

6th October 2010

Members: Maree Aboriginal Corp Land Council
c/- Mr R Brown / Chairperson
38b Conrad Street
Warwick NSW 4370

Dear Robert,

Re: Aboriginal heritage assessment for the proposed Far North NSW Transmission Line Upgrade, between Bonshaw and Lismore.

As you are aware OzArk, on behalf of TransGrid, has been involved in the Aboriginal heritage assessment relating to the above mentioned project. As access track routes have now been defined, we would like advise that further fieldwork for this project will be undertaken during October.

The field assessment –Tenterfield to Bonshaw ETL: OzArk would like to invite one (1) member from Maree Aboriginal Corp Land Council to participate in the five (5) day field assessment relating to this portion of the survey, planned for **Monday 18th October to Friday 22nd October**. Representatives are to meet at **9 am at a destination to be advised prior to the survey date**. We aim to survey properties, assessed through predictive modelling, as having the highest likelihood of Aboriginal sites, as well as random landforms which may be of cultural significance.

Fee Offer - The rate of pay is \$600 per day for a Senior representative or Elder, inclusive of all expenses, not including GST.

As per our previous correspondence and the surveys in which your organisation participated in 2009, please ensure your Site Officer has appropriate Personal Protective Equipment (PPE) and is physically fit and able to walk long distances, up to 10 km per day. Note that there is little opportunity to get to shops where we will be working. It is important each person ensures they have enough food, water and any other necessity for the day.

In relation to the fee offer and scheduled dates we would appreciate confirmation of your representative's participation in the field assessment.

If you have any queries, please feel free to contact our office.

Kind regards

A handwritten signature in black ink, appearing to read 'Cheryl Burke'.

Cheryl Burke / Office Administrator



**Environmental & Heritage Management
P/L**

11th October 2010

Members: Moombahlene LALC
c/- Mr P Harmond
PO Box 70
Tenterfield NSW 2372
E: 'moombahlenelalc1@bigpond.com'

Dear Peter

Re: Aboriginal heritage assessment for the proposed Far North NSW Transmission Line Upgrade, between Bonshaw and Lismore.

Although to date Moombahlene LALC have not participated in the physical component of this project, we would like to advise that new access track routes have now been defined, and further field work will be undertaken during October

Your correspondence of 7th September 2009 advised MLALC was not in a position to directly participate in the site assessment, however if these circumstances change the October survey dates are outlined below.

The field assessment –Tenterfield to Bonshaw ETL: OzArk would like to invite one (1) member from MLALC to participate in the five (5) day field assessment relating to this portion of the survey, planned for **Monday 18th October to Friday 22nd October**. Representatives are to meet at **9 am at a destination to be advised prior to the survey date**. We aim to survey properties, assessed through predictive modelling, as having the highest likelihood of Aboriginal sites, as well as random landforms which may be of cultural significance.

Fee Offer - The rate of pay is \$600 per day for a Senior representative or Elder, inclusive of all expenses, not including GST.

As we are interested in the culture and heritage of the MLALC we would value any site specific knowledge relevant to the area(s) in which the easement is being replaced / constructed. If members of the MLALC are not currently aware of this project, we would appreciate if the opportunity arose it could be raised at any upcoming MLALC meetings. If members wish to share any cultural heritage knowledge relevant to the project area, they are invited to contact our office.

Thank you for your assistance.

Kind regards

A handwritten signature in black ink, appearing to read 'Phillip Cameron'.

Phillip Cameron / Project Manager



25th October 2010

**Environmental & Heritage Management
P/L**

Members: Casino LALC
C/- Chairperson
110 Walker Street
(PO Box 1047)
Casino NSW 2470

Dear Sir / Madam

Re: Aboriginal heritage assessment for the proposed Far North NSW Transmission Line Upgrade, between Bonshaw and Lismore.

As you are aware OzArk, on behalf of TransGrid, has been involved in the Aboriginal heritage assessment relating to the above mentioned project. As three new access track routes have now been defined within the CLALC area, we would like advise that further fieldwork for this project will be undertaken during November. It is a requirement that your organisation has valid workers compensation insurance and that you forward your **Certificate of Currency** to our office. Please be aware that without this certificate we will not be able to allow your sites officer to be involved in the field assessment (due to NSW OH&S legislation). If you are unable to get this insurance, we will still be able to involve your organisation in the consultation process through phone and letter.

The field assessment – Lismore to Tenterfield ETL: OzArk would like to invite one (1) member from Casino Local Aboriginal Land Council to participate in the one (1) day survey during the week commencing Tuesday 2nd November, 2010. We are currently scoping the assessment to determine which day the survey will be conducted, however wish to inform you so that you can potentially arrange a site officer for the upcoming dates. Representatives will meet at **9 am at a destination to be advised prior to the survey date.**

Fee offer: The Proponent is offering \$600.00 (excl. GST) per day for participation in the field survey for an experienced, senior Sites Officer or Elder. This fee is all inclusive of travel, accommodation and meal expenses. Invoices are to be addressed to OzArk EHM P/L, P O Box 2069, Dubbo, NSW, 2830 and Attention: Jodie Benton.

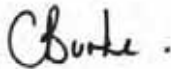
If we do not receive any confirmation from your organisation by **Friday 29th October**, we will presume that you do not wish to participate in the field assessment. We will, however, continue to keep you informed and provide opportunity for you to participate in the management of any sites recorded in the Study Area during the duration of the project.

Personal Protective Equipment (PPE): Each group is responsible for their own OH&S issues. Please ensure your Site's Officer has adequate Personal Protective Equipment; long sleeve shirt and pants, broad brimmed hat, high visibility safety vests, boots / appropriate walking shoes, sunscreen etc. All staff provided should be physically fit and able to walk long distances, up to 10 km per day. It is the responsibility of each group to identify if any of your personnel have medical conditions / allergies that should be known to other people participating in the field assessment in the event of an emergency. The OzArk field director will send home anyone who they determine to be 'unfit for work' or who may pose an OH&S risk to themselves or others.

There is little opportunity to get to shops where we will be working. It is important each person should ensure they have enough food, water and any other necessity for the day.

In relation to the fee offer and scheduled dates we would appreciate confirmation of your representative's participation in the field assessment and a copy of your Workers Compensation **Certificate of Currency**. If you have any queries, please feel free to contact our office.

Kind regards



Cheryl Burke / Office Administrator



25th October 2010

Environmental & Heritage Management P/L

ABN: 59 104 582 354

Members: Jubullum LALC
c/- Mr R James
Jubullum St/Jubullum Village
via Tabulam NSW 2469
e: 'jubullum@nor.com.au'

Dear Ross

Re: Aboriginal heritage assessment for the proposed Far North NSW Transmission Line Upgrade, between Bonshaw and Lismore.

As you are aware OzArk, on behalf of TransGrid, has been involved in the Aboriginal heritage assessment relating to the above mentioned project. As six new access track routes have now been defined within the JLALC area, we would like advise that further fieldwork for this project will be undertaken during November. It is a requirement that your organisation has valid workers compensation insurance and that you forward your **Certificate of Currency** to our office. Please be aware that without this certificate we will not be able to allow your sites officer to be involved in the field assessment (due to NSW OH&S legislation). If you are unable to get this insurance, we will still be able to involve your organisation in the consultation process through phone and letter.

The field assessment – Lismore to Tenterfield ETL: OzArk would like to invite one (1) member from Jubullum Local Aboriginal Land Council to participate in the one and a half (1 ½) day survey during the week commencing Tuesday 2nd November, 2010. We are currently scoping the assessment to determine which days the survey will be conducted, however wish to inform you so that you can potentially arrange a site officer for the upcoming dates. Representatives will meet at **9 am at a destination to be advised prior to the survey date.**

Fee offer: The Proponent is offering \$600.00 (excl. GST) per day for participation in the field survey for an experienced, senior Sites Officer or Elder. This fee is all inclusive of travel, accommodation and meal expenses. Invoices are to be addressed to OzArk EHM P/L, P O Box 2069, Dubbo, NSW, 2830 and Attention: Jodie Benton.

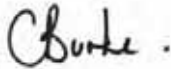
If we do not receive any confirmation from your organisation by **Friday 29th October**, we will presume that you do not wish to participate in the field assessment. We will, however, continue to keep you informed and provide opportunity for you to participate in the management of any sites recorded in the Study Area during the duration of the project.

Personal Protective Equipment (PPE): Each group is responsible for their own OH&S issues. Please ensure your Site's Officer has adequate Personal Protective Equipment; long sleeve shirt and pants, broad brimmed hat, high visibility safety vests, boots / appropriate walking shoes, sunscreen etc. All staff provided should be physically fit and able to walk long distances, up to 10 km per day. It is the responsibility of each group to identify if any of your personnel have medical conditions / allergies that should be known to other people participating in the field assessment in the event of an emergency. The OzArk field director will send home anyone who they determine to be 'unfit for work' or who may pose an OH&S risk to themselves or others.

There is little opportunity to get to shops where we will be working. It is important each person should ensure they have enough food, water and any other necessity for the day.

In relation to the fee offer and scheduled dates we would appreciate confirmation of your representative's participation in the field assessment and a copy of your Workers Compensation **Certificate of Currency**. If you have any queries, please feel free to contact our office.

Kind regards



Cheryl Burke / Office Administrator



Environmental & Heritage Management P/L

25th October 2010

ABN: 59 104 582 354

Members: Moombahlene LALC
c/- Mr P Harmond
PO Box 70
Tenterfield NSW 2372
E: 'moombahlenelalc1@bigpond.com'

Dear Peter

Re: Aboriginal heritage assessment for the proposed Far North NSW Transmission Line Upgrade, between Bonshaw and Lismore.

Although to date Moombahlene LALC have not participated in the physical component of this project, we would like to advise that three new access track routes have now been defined in the MLALC area, and further field work will be undertaken during November.

Your correspondence of 7th September 2009 advised MLALC was not in a position to directly participate in the site assessment, however if these circumstances change the November survey dates are outlined below.

The field assessment – Lismore to Tenterfield ETL: OzArk would like to invite one (1) member from Moombahlene Local Aboriginal Land Council to participate in the one (1) day survey during the week commencing Tuesday 2nd November, 2010. We are currently scoping the assessment to determine which day the survey will be conducted, however wish to inform you so that you can potentially arrange a site officer for the upcoming dates. Representatives will meet at **9 am at a destination to be advised prior to the survey date.**

Fee Offer - The rate of pay is \$600 per day for a Senior representative or Elder, inclusive of all expenses, not including GST.

As we are interested in the culture and heritage of the MLALC we would value any site specific knowledge relevant to the area(s) in which the easement is being replaced / constructed. If members of the MLALC are not currently aware of this project, we would appreciate if the opportunity arose it could be raised at any upcoming MLALC meetings. If members wish to share any cultural heritage knowledge relevant to the project area, they are invited to contact our office.

Thank you for your assistance.

Kind regards

A handwritten signature in black ink, appearing to read 'Phillip Cameron'.

Phillip Cameron / Project Manager

Email response from Kambuwal Aboriginal Corporation CH&L received 12.10.10

Hello Jodie/Cheryl

Just a quick email responding to Ozarks work dates for the proposed field assessment of the Tenterfield to Bonshaw ETL starting the 18th October.

I will be doing this field survey for the Kambuwal Aboriginal group and my banking details are as follows :

Andrew Edward Brown

Warwick Credit Union

BSB Number: 817 - 001

Member number: 44230

If you need any further details please do not hesitate to respond via email or call on 0407693089
look forward to working with you.

Thank you

Andrew (Tom) Brown

Director

Kambuwal Aboriginal Corporation

for Culture heritage and Land

Sample correspondence advising Registered Stakeholders that draft report was available.



28th February 2011

Environmental & Heritage Management P/L

ABN: 59 104 582 354

Members: Ashford LALC
c/- Mr M Talbot / CEO
PO Box 66
Ashford NSW 2361

Dear Malcolm,

Re: Aboriginal heritage assessment for the proposed Far North NSW Transmission Line Upgrade, between Bonshaw and Lismore.

Thank you for your registration of interest to form part of the stakeholder group to be consulted concerning potential Indigenous heritage issues for the above project.

The DRAFT report is now completed and available. If you would like a copy of this *395 page report*, please notify our office without delay, and we will send it out for you to review and provide comment. We can be contacted by phone: (02) 6882 0118, fax: (02) 6882 0630 or email: cheryl@ozarkehm.com.au, or alternatively on the mobile numbers listed below. Registered stakeholders will have until **Wednesday 23rd March, 2011** to provide feedback

Please be aware that as per Department of Planning (DoP) requirements this report will also be on display in 2011 for review and public comment.

Should our office not be contacted within this three week time frame, we will assume that you do not wish to review and comment on the report.

Kind regards

Cheryl Burke
Office Administrator

Response from Ashford LALC received via email.

Hello Lorraine

After review of the draft report can you please advise if ALALC have feedback which you would like to include with the submission of the final report?

It is important we have the views of the ALALC, as Registered Aboriginal Stakeholders in the project, and your comments on the results of the field assessments, the cultural significance of the Aboriginal sites which were identified and also your opinion about the proposed management options. The role of the Stakeholders is an important part of the Aboriginal cultural heritage planning process.

The closing date for comment was 23rd March 2011, however can you indicate if you wish to still submit written feedback? Alternatively if you wish to make verbal comment the conversation can be logged and presented in the final report.

Please advise at your earliest convenience.

Kind regards

Cheryl

From: Ashford Local Aboriginal Land Council [mailto:landcouncil@ashfordlalc.com]

Sent: Monday, 21 March 2011 4:08 PM

To: Cheryl Burke

Subject: Request for copy of the Draft Report

Hi Cheryl,

Ashford LALC would like to request a copy of the draft report on the Aboriginal Heritage Assessment for the Far North NSW Transmission Line Upgrade between Bonshaw and Lismore.

Our postal address is PO Box 66 Ashford NSW 2361.

Many thanks

Lorraine Riggs

CEO

Ashford Local Aboriginal Land Council

Phone: 02 6725 4411 Fax: 02 6725 4422

Email: landcouncil@ashfordlalc.com

Response from Jubullum LALC received via email.

Hello Ross

After review of the draft report can you please advise if JLALC have feedback which you would like to include with the submission of the final report?

It is important we have the views of the JLALC, as Registered Aboriginal Stakeholders in the project, and your comments on the results of the field assessments, the cultural significance of the Aboriginal sites which were identified and also your opinion about the proposed management options. The role of the Stakeholders is an important part of the Aboriginal cultural heritage planning process.

The closing date for comment was 23rd March 2011, however can you indicate if you wish to still submit written feedback? Alternatively if you wish to make verbal comment the conversation can be logged and presented in the final report.

Please advise at your earliest convenience.

Kind regards

Cheryl

Cheryl

The download was successful, thank you for your help

Regards

Ross

From: Cheryl Burke [mailto:Cheryl@ozarkehm.com.au]

Sent: Monday, 7 March 2011 1:06 PM

To: Jubullum

Subject: RE: Aboriginal heritage assessment for proposed Far North NSW Transmission Line Upgrade

Importance: High

Hello Ross

I have uploaded the draft report via 'send this file' internet file transfer service, it was too large to send via email.

Let me know if you have any problems retrieving this, if so I will mail hard copy of the report.

Kind regards

Cheryl

From: Jubullum [mailto:jubullum@gmail.com]

Sent: Monday, 7 March 2011 11:03 AM

To: Cheryl Burke

Subject: Aboriginal heritage assessment for proposed Far North NSW Transmission Line Upgrade

Cheryl

Thank you for your letter received 4/3/2011. Could you please send a copy of the Draft report. Is it possible to send electronically, if post please send to

Jubullum LALC

PO Box 25

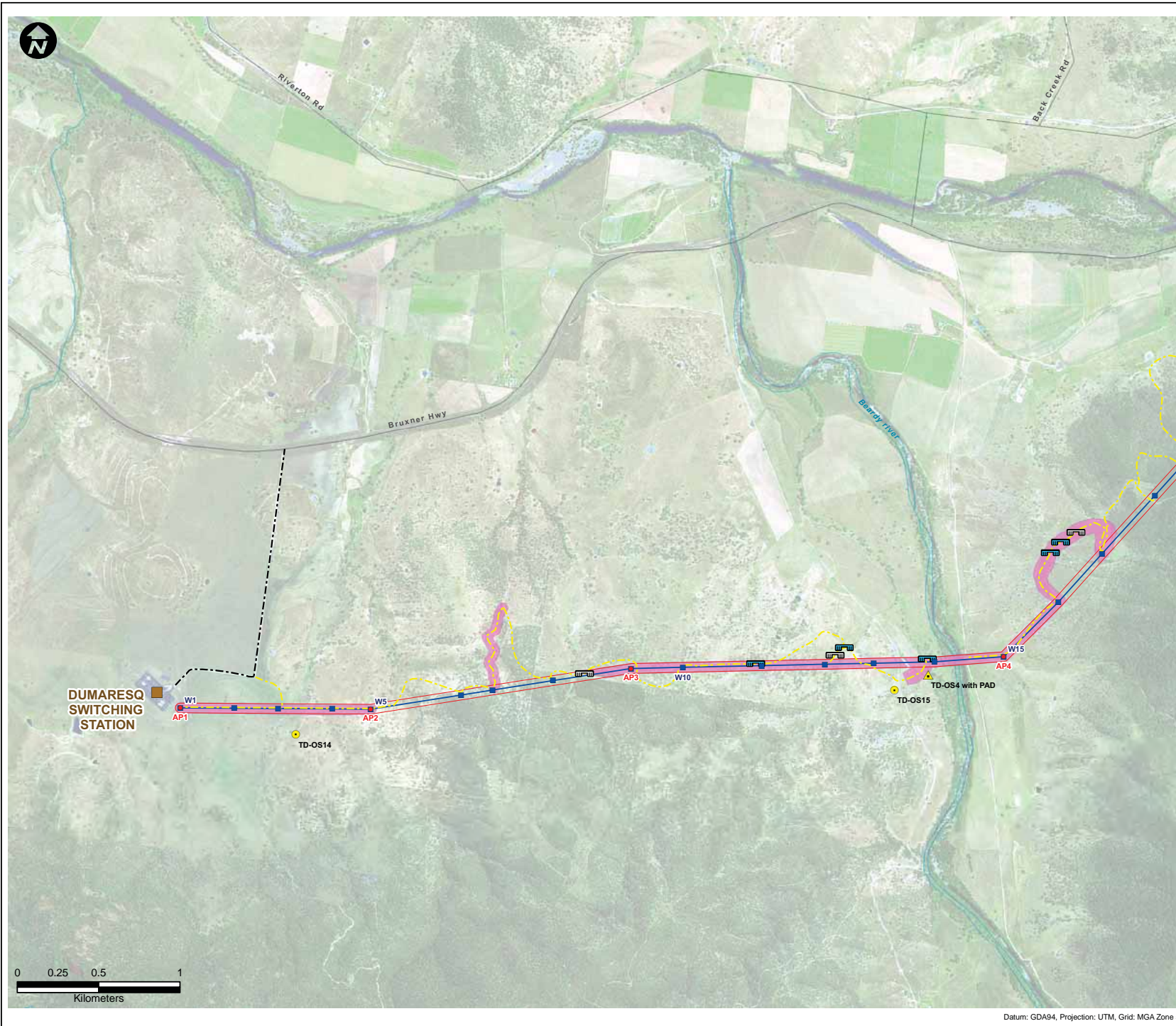
Tabulam NSW 2469

Regards

Ross James

CEO

Appendix 4: Maps showing assessed areas and recorded sites



LEGEND:

- Proposed 330kV Angle Positions (Indicative)[^]
- Proposed 330kV Structure Locations (Indicative)[^]
- Proposed 330kV Centreline[^]
- Proposed 330kV Easement[^]
- Substation/Switching Station
- Roads
- Waterways

Access Tracks:

- Category 1*
- Category 2**
- Category 3***
- Creek Crossing (New)
- Creek Crossing (Upgrade Required)
- Sensitive Archaeological Landform
- Surveyed Areas

Indigenous Records

- Isolated Find
- Modified Tree
- Open Site
- Open Site with Potential Archaeological Deposit
- Potential Archaeological Deposit
- Resource Procurement Site

Historic Sites

- Historic Site

[^]Category 1 : Minimal work required. This would include removal of surface obstacles and/or minor upgrades to existing tracks (i.e. resurfacing, widening etc). Some imported sand and gravel may be required.

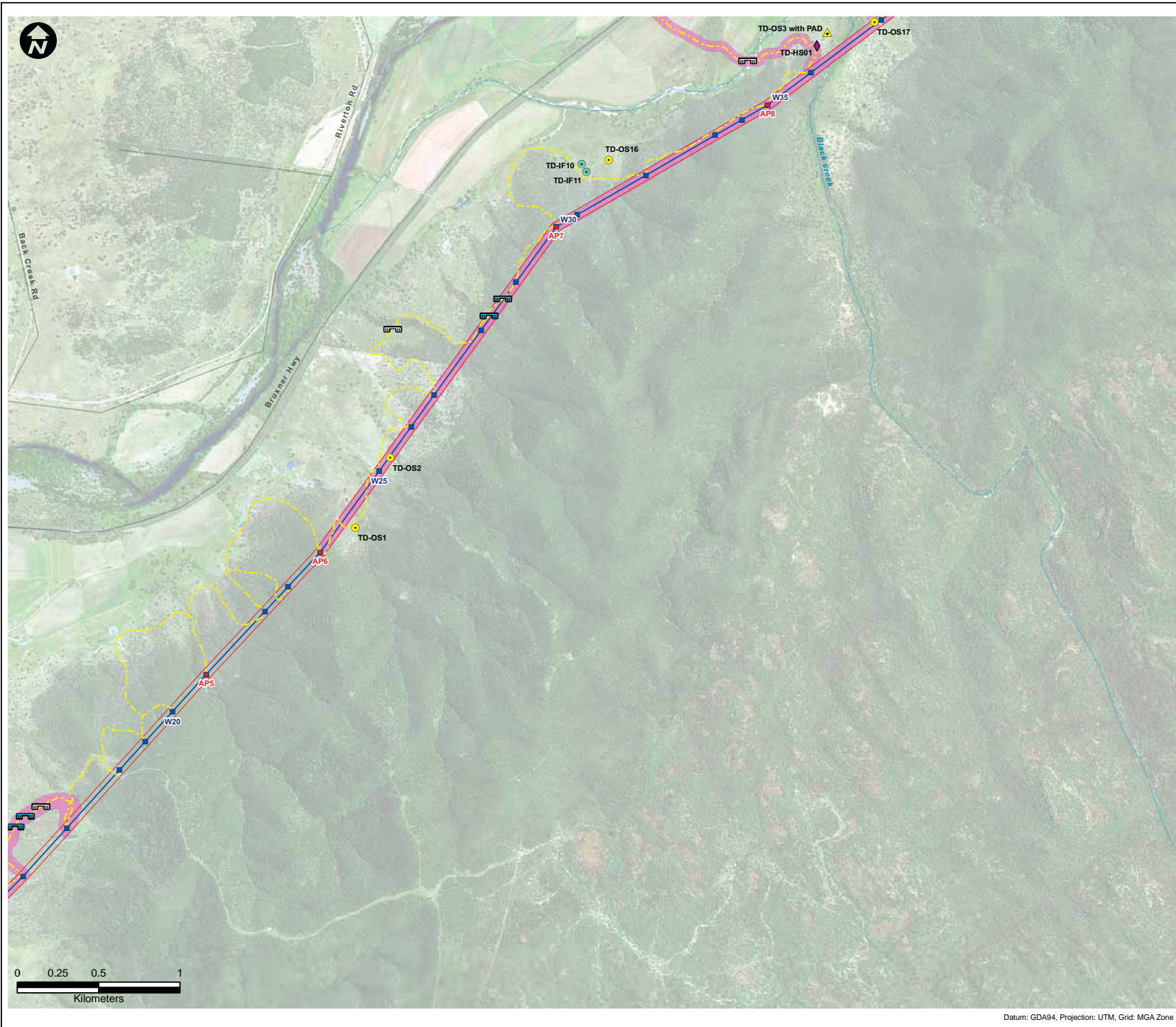
^{**}Category 2 : Earth works required. Construction of tracks through flat or undulating timbered/rocky areas where existing tracks do not exist. These can range from tracks required over flat plains country, or involve the formation of tracks after cut and fill, rock removal and/or leveling. Newly constructed Category 2 access tracks would typically be topped with approved gravel. Access tracks would be appropriately compacted and graded and included drainage in the direction of the cross fall to ensure tracks could be maintained and erosion impacts from run off minimised.

^{***}Category 3 : Earth works required in wet or swampy areas. Typically construction would require excavation of unstable material, drainage works and the import of rock material. This rock would be placed upon a geotextile material to provide a stable surface to facilitate the movement of required construction plant and equipment.

Symbols and lines used in this figure are indicative and are not intended to reflect actual size of represented features.
 Symbols and lines have been enhanced to aid visibility.
 Source: Aerial Imagery from TransGrid 2009,
 ^ TransGrid 2010

Drawn: AO/SB	Approved: WM/TH	Date: 14/03/2011
Job No.: 43177662	File No.: 43177662.139.mxd	
Client TransGrid		
Project FAR NORTH NSW (DUMARESQ - LISMORE 330kV TRANSMISSION LINE) PROJECT		
Title HERITAGE FEATURES		
Figure: Heritage 1		

This drawing is subject to COPYRIGHT. It remains the property of URS Australia Pty Ltd.



LEGEND:

- Proposed 330kV Angle Positions (Indicative)[^]
- Proposed 330kV Structure Locations (Indicative)[^]
- Proposed 330kV Centreline[^]
- Proposed 330kV Easement[^]
- Substation/Switching Station
- Roads
- Waterways

Access Tracks:

- Category 1^{*}
- Category 2^{**}
- Category 3^{***}
- Creek Crossing (New)
- Creek Crossing (Upgrade Required)
- Sensitive Archaeological Landform
- Surveyed Areas

Indigenous Records

- Isolated Find
- Modified Tree
- Open Site
- Open Site with Potential Archaeological Deposit
- Potential Archaeological Deposit
- Resource Procurement Site

Historic Sites

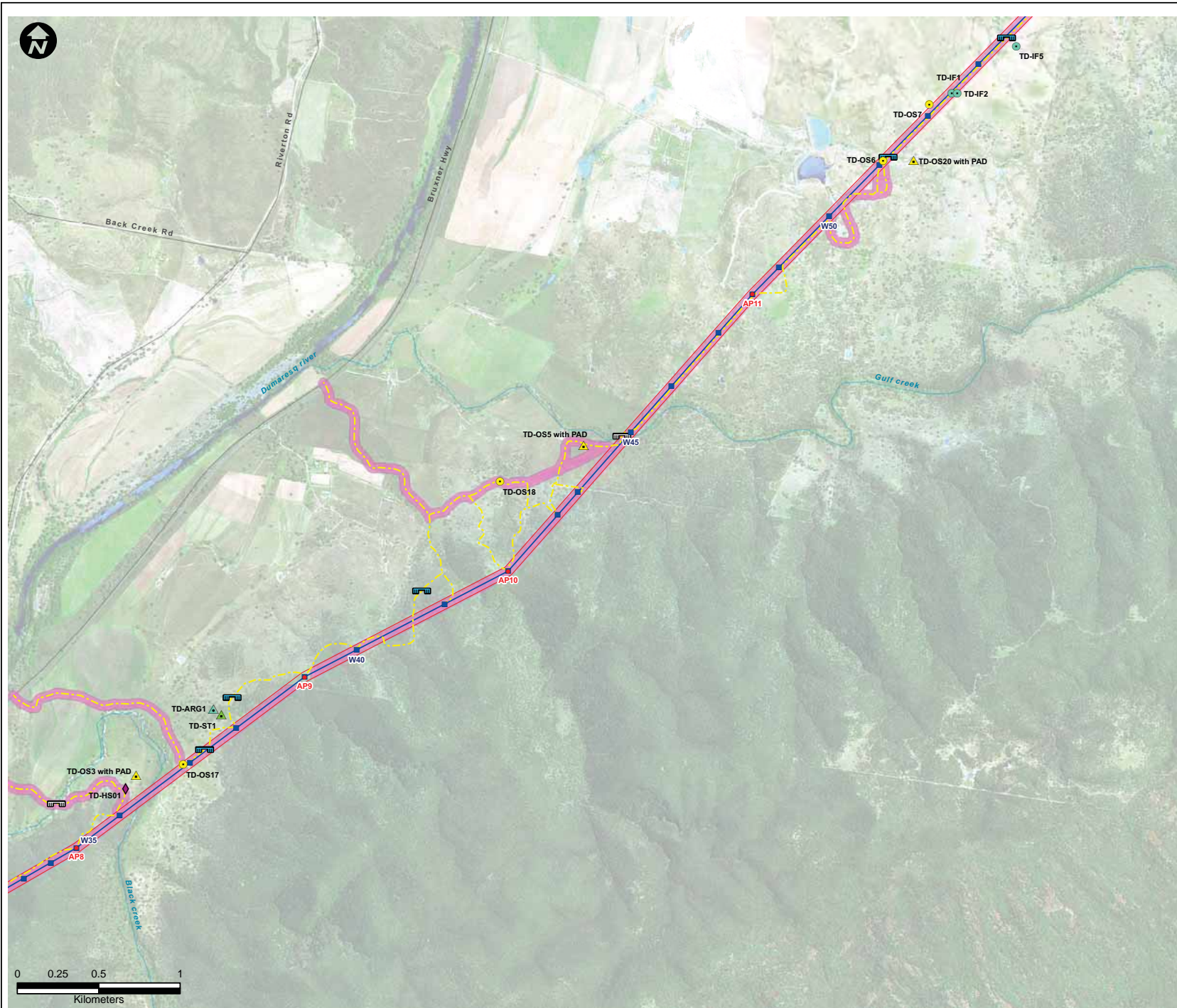
- Historic Site

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^{***}Category 3 : Earth works required in wet or swampy areas. Typically construction would require excavation of unstable material, drainage works and the import of rock material. This rock would be placed upon a geotextile material to provide a stable surface to facilitate the movement of required construction plant and equipment.

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Source: Aerial Imagery from TransGrid 2009,
[^] TransGrid 2010

Drawn: AO/SB	Approved: WM/TH	Date: 14/03/2011
Job No.: 43177662	File No.: 43177662.139.mxd	
Client TransGrid		
Project FAR NORTH NSW (DUMARESQ - LISMORE 330kV TRANSMISSION LINE) PROJECT		
Title HERITAGE FEATURES		
Figure: Heritage 2		

Datum: GDA94, Projection: UTM, Grid: MGA Zone 56



LEGEND:

- Proposed 330kV Angle Positions (Indicative)[^]
- Proposed 330kV Structure Locations (Indicative)[^]
- Proposed 330kV Centreline[^]
- Proposed 330kV Easement[^]
- Substation/Switching Station
- Roads
- Waterways

Access Tracks:

- Category 1*
- Category 2**
- Category 3***

- Creek Crossing (New)
- Creek Crossing (Upgrade Required)
- Sensitive Archaeological Landform
- Surveyed Areas

Indigenous Records

- Isolated Find
- Modified Tree
- Open Site
- Open Site with Potential Archaeological Deposit
- Potential Archaeological Deposit
- Resource Procurement Site

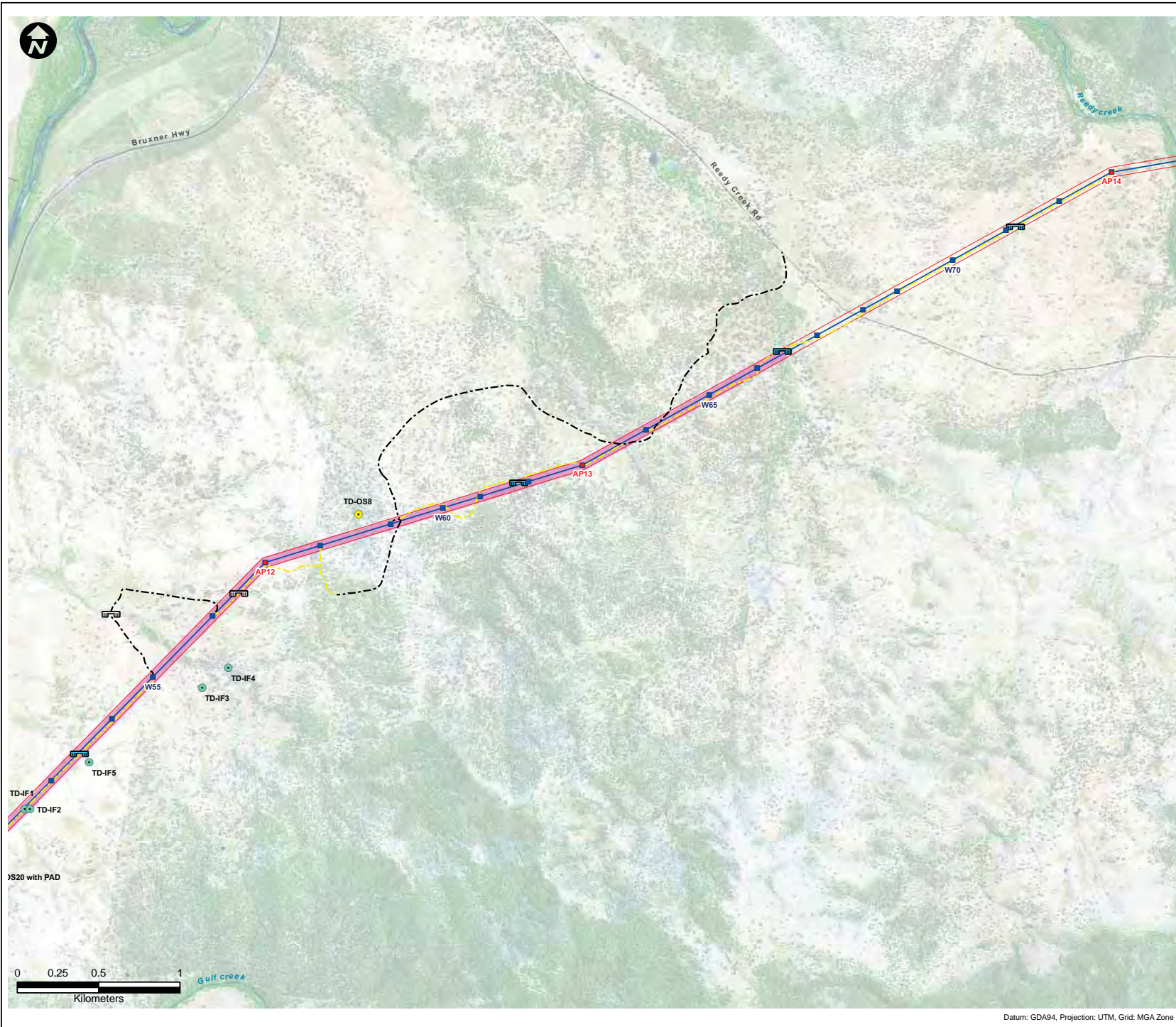
Historic Sites

- Historic Site

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^{**}Category 2 : Earth works required. Construction of tracks through flat or undulating timbered/rocky areas where existing tracks do not exist. These can range from tracks required over flat plains country, or involve the formation of tracks after cut and fill, rock removal and/or levelling. Newly constructed Category 2 access tracks would typically be topped with approved gravel. Access tracks would be appropriately compacted and graded and included drainage in the direction of the cross fall to ensure tracks could be maintained and erosion impacts from run off minimised.
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Source: Aerial Imagery from TransGrid 2009,
^ TransGrid 2010

Drawn: AO/SB	Approved: WM/TH	Date: 14/03/2011
Job No.: 43177662	File No.: 43177662.139.mxd	
Client TransGrid		
Project FAR NORTH NSW (DUMARESQ - LISMORE 330kV TRANSMISSION LINE) PROJECT		
Title HERITAGE FEATURES		
Figure: Heritage 3		



LEGEND:

- Proposed 330kV Angle Positions (Indicative)[^]
- Proposed 330kV Structure Locations (Indicative)[^]
- Proposed 330kV Centreline[^]
- Proposed 330kV Easement[^]
- Substation/Switching Station
- Roads
- Waterways

Access Tracks:

- Category 1*
- Category 2**
- Category 3***
- Creek Crossing (New)
- Creek Crossing (Upgrade Required)
- Sensitive Archaeological Landform
- Surveyed Areas

Indigenous Records

- Isolated Find
- Modified Tree
- Open Site
- Open Site with Potential Archaeological Deposit
- Potential Archaeological Deposit
- Resource Procurement Site

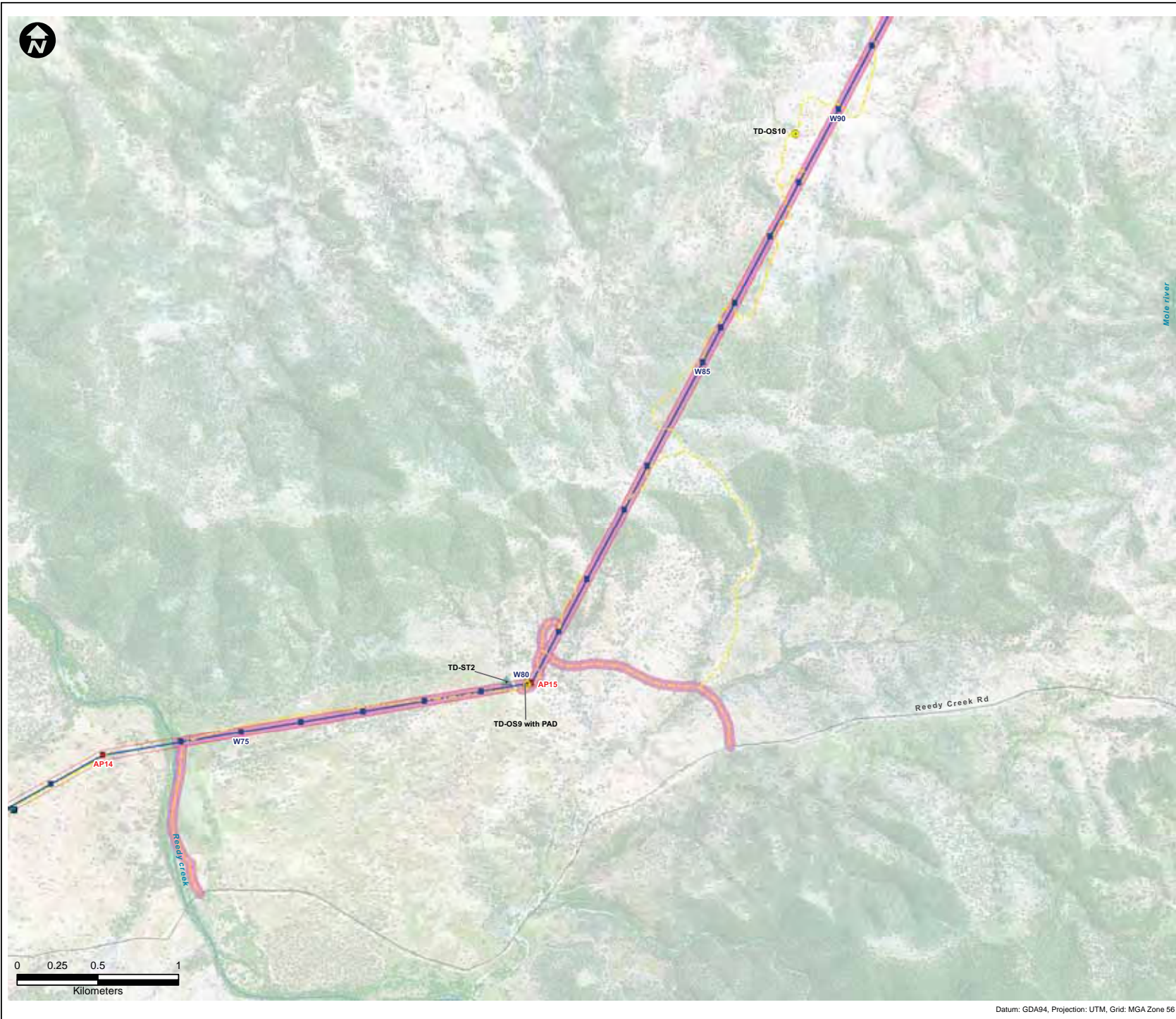
Historic Sites

- Historic Site

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Symbols and lines have been enhanced to aid visibility.
Source: Aerial Imagery from TransGrid 2009,
[^] TransGrid 2010

Drawn: AO/SB	Approved: WM/TH	Date: 14/03/2011
Job No.: 43177662	File No.: 43177662.139.mxd	
Client TransGrid		
Project FAR NORTH NSW (DUMARESQ - LISMORE 330kV TRANSMISSION LINE) PROJECT		
Title HERITAGE FEATURES		
Figure: Heritage 4		



LEGEND:

- Proposed 330kV Angle Positions (Indicative)[^]
- Proposed 330kV Structure Locations (Indicative)[^]
- Proposed 330kV Centreline[^]
- Proposed 330kV Easement[^]
- Substation/Switching Station
- Roads
- Waterways

Access Tracks:

- Category 1^{*}
- Category 2^{**}
- Category 3^{***}
- Creek Crossing (New)
- Creek Crossing (Upgrade Required)
- Sensitive Archaeological Landform
- Surveyed Areas

Indigenous Records

- Isolated Find
- Modified Tree
- Open Site
- Open Site with Potential Archaeological Deposit
- Potential Archaeological Deposit
- Resource Procurement Site

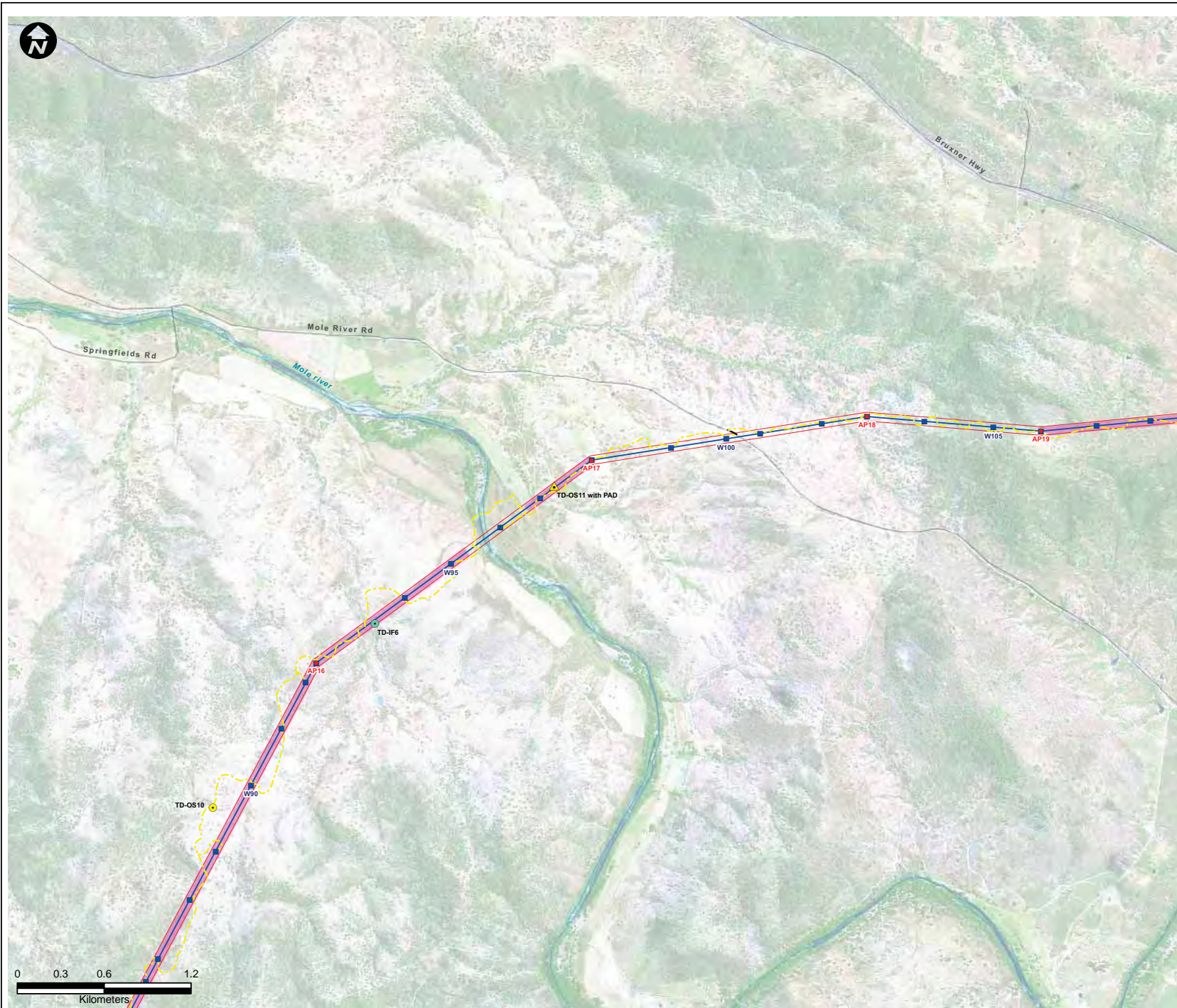
Historic Sites

- Historic Site

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Source: Aerial Imagery from TransGrid 2009,
^ TransGrid 2010
Note: For the extent of TD-OS9 with PAD refer to Figure 4-20 of Appendix G

Drawn: AO/SB	Approved: WM/TH	Date: 01/06/2011
Job No.: 43177662	File No.: 43177662.139-2.mxd	
Client TransGrid		
Project FAR NORTH NSW (DUMARESQ - LISMORE 330kV TRANSMISSION LINE) PROJECT		
Title HERITAGE FEATURES		
Figure: Heritage 5		



LEGEND:

- Proposed 330kV Angle Positions (Indicative)[^]
- Proposed 330kV Structure Locations (Indicative)[^]
- Proposed 330kV Centreline[^]
- Proposed 330kV Easement[^]
- Substation/Switching Station
- Roads
- Waterways

Access Tracks:

- Category 1*
- Category 2**
- Category 3***
- Creek Crossing (New)
- Creek Crossing (Upgrade Required)
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- Surveyed Areas

Indigenous Records

- Isolated Find
- Modified Tree
- Open Site
- Open Site with Potential Archaeological Deposit
- Potential Archaeological Deposit
- Resource Procurement Site

Historic Sites

- Historic Site

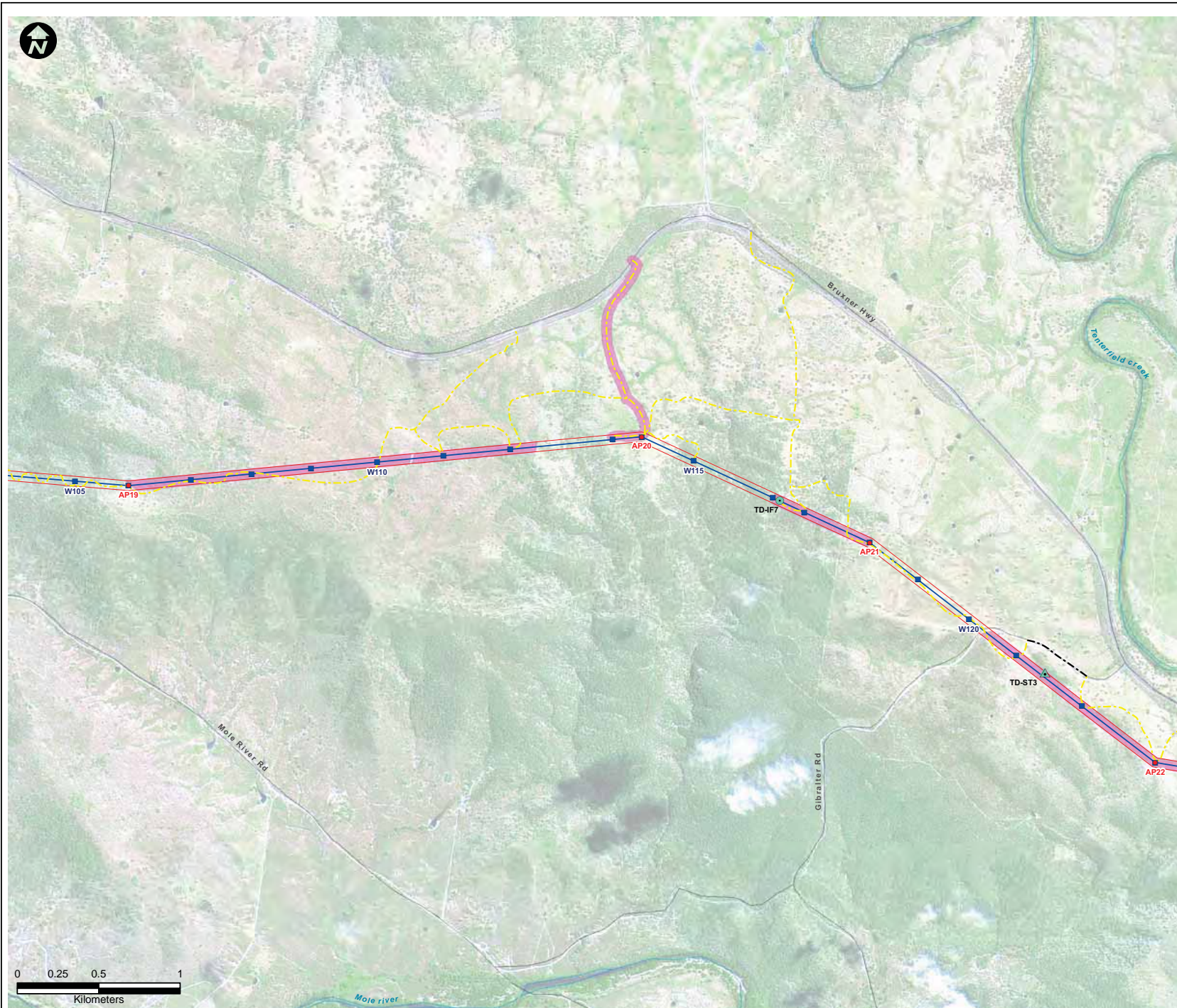
[^]Category 1 : Minimal work required. This would include removal of surface obstacles and/or minor upgrades to existing tracks (i.e. resurfacing, widening etc). Some imported sand and gravel may be required.

^{**}Category 2 : Earth works required. Construction of tracks through flat or undulating timbered/rocky areas where existing tracks do not exist. These can range from tracks required over flat plains country, or involve the formation of tracks after cut and fill, rock removal and/or levelling. Newly constructed Category 2 access tracks would typically be topped with approved gravel. Access tracks would be appropriately compacted and graded and included drainage in the direction of the cross fall to ensure tracks could be maintained and erosion impacts from run off minimised.

^{***}Category 3 : Earth works required in wet or swampy areas. Typically construction would require excavation of unstable material, drainage works and the import of rock material. This rock would be placed upon a geotextile material to provide a stable surface to facilitate the movement of required construction plant and equipment.

Symbols and lines used in this figure are indicative and are not intended to reflect actual size of represented features.
Symbols and lines have been enhanced to aid visibility.
Source: Aerial Imagery from TransGrid 2009,
[^] TransGrid 2010

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Job No.: 43177662	File No.: 43177662.139.mxd	
Client TransGrid		
Project FAR NORTH NSW (DUMARESQ - LISMORE 330kV TRANSMISSION LINE) PROJECT		
Title HERITAGE FEATURES		
Figure: Heritage 6		



LEGEND:

- Proposed 330kV Angle Positions (Indicative)[^]
- Proposed 330kV Structure Locations (Indicative)[^]
- Proposed 330kV Centreline[^]
- Proposed 330kV Easement[^]
- Substation/Switching Station
- Roads
- Waterways

Access Tracks:

- Category 1*
- Category 2**
- Category 3***
- Creek Crossing (New)
- Creek Crossing (Upgrade Required)
- Sensitive Archaeological Landform
- Surveyed Areas

Indigenous Records
Historic Sites

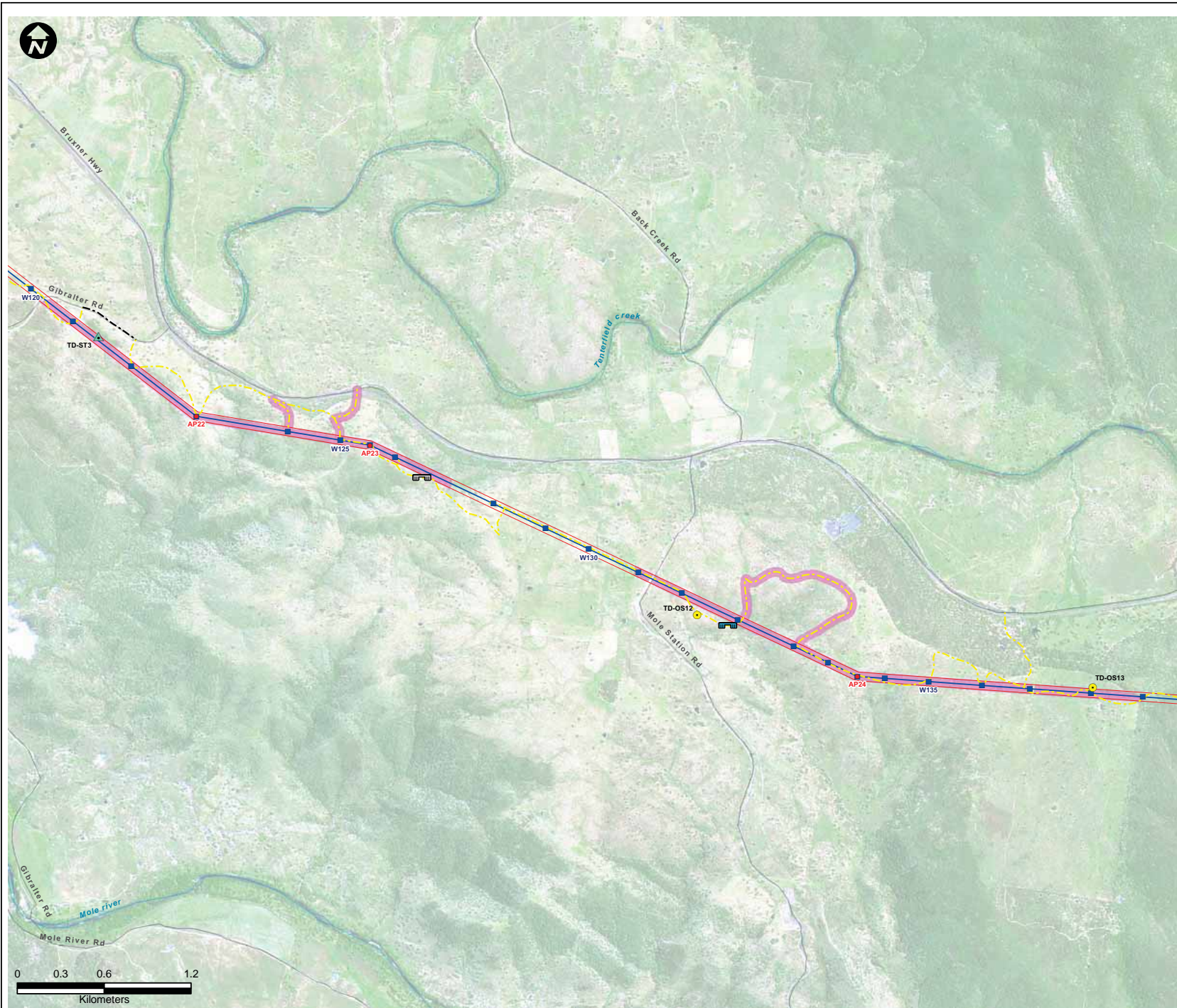
- Isolated Find
- Modified Tree
- Open Site
- Open Site with Potential Archaeological Deposit
- Potential Archaeological Deposit
- Resource Procurement Site
- Historic Site

^{*}Category 1 : Minimal work required. This would include removal of surface obstacles and/or minor upgrades to existing tracks (i.e. resurfacing, widening etc). Some imported sand and gravel may be required.
^{**}Category 2 : Earth works required. Construction of tracks through flat or undulating timbered/rocky areas where existing tracks do not exist. These can range from tracks required over flat plains country, or involve the formation of tracks after cut and fill, rock removal and/or levelling. Newly constructed Category 2 access tracks would typically be topped with approved gravel. Access tracks would be appropriately compacted and graded and included drainage in the direction of the cross fall to ensure tracks could be maintained and erosion impacts from run off minimised.
^{***}Category 3 : Earth works required in wet or swampy areas. Typically construction would require excavation of unstable material, drainage works and the import of rock material. This rock would be placed upon a geotextile material to provide a stable surface to facilitate the movement of required construction plant and equipment.

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Symbols and lines have been enhanced to aid visibility.
Source: Aerial Imagery from TransGrid 2009,
^ TransGrid 2010

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Job No.: 43177662	File No.: 43177662.139.mxd	
Client: TransGrid		
Project: FAR NORTH NSW (DUMARESQ - LISMORE 330kV TRANSMISSION LINE) PROJECT		
Title: HERITAGE FEATURES		
Figure: Heritage 7		

Datum: GDA94, Projection: UTM, Grid: MGA Zone 56



LEGEND:

- Proposed 330kV Angle Positions (Indicative)[^]
- Proposed 330kV Structure Locations (Indicative)[^]
- Proposed 330kV Centreline[^]
- Proposed 330kV Easement[^]
- Substation/Switching Station
- Roads
- Waterways

Access Tracks:

- Category 1*
- Category 2**
- Category 3***
- Creek Crossing (New)
- Creek Crossing (Upgrade Required)
- Sensitive Archaeological Landform
- Surveyed Areas

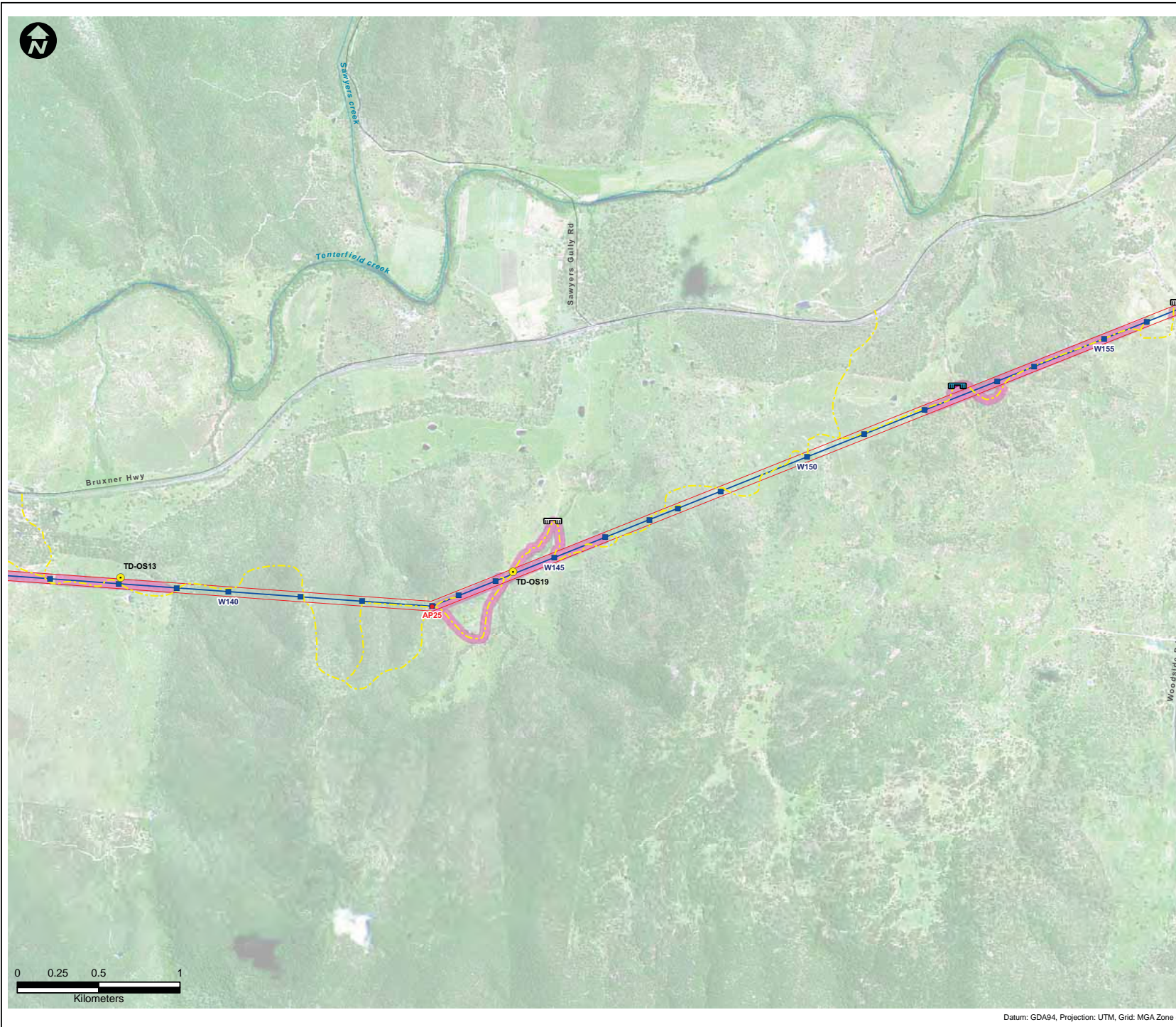
Indigenous Records
Historic Sites

- Isolated Find
- Modified Tree
- Open Site
- Open Site with Potential Archaeological Deposit
- Potential Archaeological Deposit
- Resource Procurement Site
- Historic Site

^{*}Category 1 : Minimal work required. This would include removal of surface obstacles and/or minor upgrades to existing tracks (i.e. resurfacing, widening etc). Some imported sand and gravel may be required.
^{**}Category 2 : Earth works required. Construction of tracks through flat or undulating timbered/rocky areas where existing tracks do not exist. These can range from tracks required over flat plains country, or involve the formation of tracks after cut and fill, rock removal and/or levelling. Newly constructed Category 2 access tracks would typically be topped with approved gravel. Access tracks would be appropriately compacted and graded and included drainage in the direction of the cross fall to ensure tracks could be maintained and erosion impacts from run off minimised.
^{***}Category 3 : Earth works required in wet or swampy areas. Typically construction would require excavation of unstable material, drainage works and the import of rock material. This rock would be placed upon a geotextile material to provide a stable surface to facilitate the movement of required construction plant and equipment.

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Symbols and lines have been enhanced to aid visibility.
Source: Aerial Imagery from TransGrid 2009,
^ TransGrid 2010

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Client TransGrid		
Project FAR NORTH NSW (DUMARESQ - LISMORE 330kV TRANSMISSION LINE) PROJECT		
Title HERITAGE FEATURES		
Figure: Heritage 8		



LEGEND:

- Proposed 330kV Angle Positions (Indicative)[^]
- Proposed 330kV Structure Locations (Indicative)[^]
- Proposed 330kV Centreline[^]
- Proposed 330kV Easement[^]
- Substation/Switching Station
- Roads
- Waterways

Access Tracks:

- Category 1*
- Category 2**
- Category 3***
- Creek Crossing (New)
- Creek Crossing (Upgrade Required)
- Sensitive Archaeological Landform
- Surveyed Areas

Indigenous Records

- Isolated Find
- Modified Tree
- Open Site
- Open Site with Potential Archaeological Deposit
- Potential Archaeological Deposit
- Resource Procurement Site

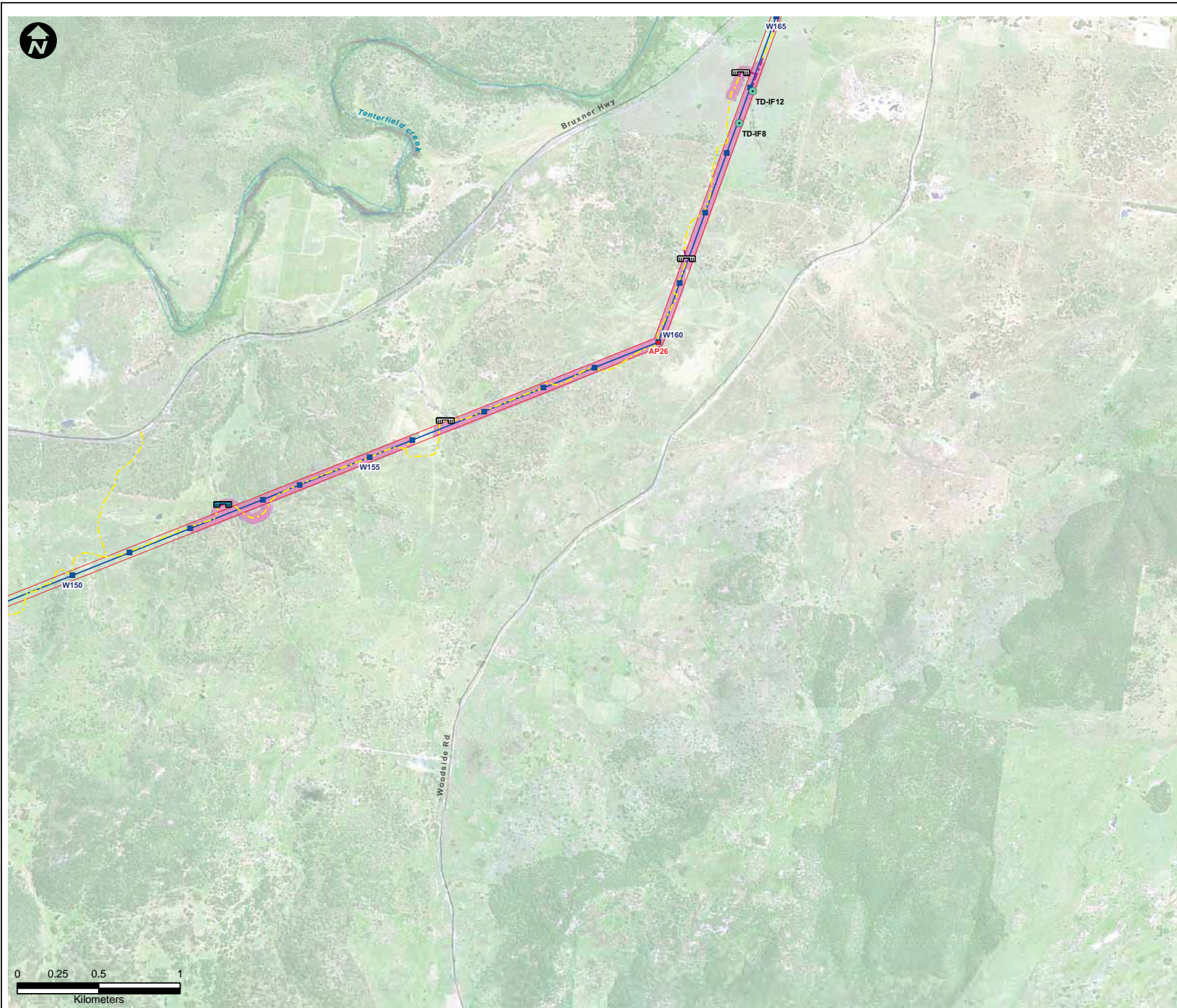
Historic Sites

- Historic Site

^{*}Category 1 : Minimal work required. This would include removal of surface obstacles and/or minor upgrades to existing tracks (i.e. resurfacing, widening etc). Some imported sand and gravel may be required.
^{**}Category 2 : Earth works required. Construction of tracks through flat or undulating timbered/rocky areas where existing tracks do not exist. These can range from tracks required over flat plains country, or involve the formation of tracks after cut and fill, rock removal and/or levelling. Newly constructed Category 2 access tracks would typically be topped with approved gravel. Access tracks would be appropriately compacted and graded and included drainage in the direction of the cross fall to ensure tracks could be maintained and erosion impacts from run off minimised.
^{***}Category 3 : Earth works required in wet or swampy areas. Typically construction would require excavation of unstable material, drainage works and the import of rock material. This rock would be placed upon a geotextile material to provide a stable surface to facilitate the movement of required construction plant and equipment.

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Symbols and lines have been enhanced to aid visibility.
Source: Aerial Imagery from TransGrid 2009,
^ TransGrid 2010

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Client TransGrid		
Project FAR NORTH NSW (DUMARESQ - LISMORE 330kV TRANSMISSION LINE) PROJECT		
Title HERITAGE FEATURES		
Figure: Heritage 9		



LEGEND:

- Proposed 330kV Angle Positions (Indicative)[^]
- Proposed 330kV Structure Locations (Indicative)[^]
- Proposed 330kV Centreline[^]
- Proposed 330kV Easement[^]
- Substation/Switching Station
- Roads
- Waterways

Access Tracks:

- Category 1*
- Category 2**
- Category 3***
- Creek Crossing (New)
- Creek Crossing (Upgrade Required)
- Sensitive Archaeological Landform
- Surveyed Areas

Indigenous Records

- Isolated Find
- Modified Tree
- Open Site
- Open Site with Potential Archaeological Deposit
- Potential Archaeological Deposit
- Resource Procurement Site

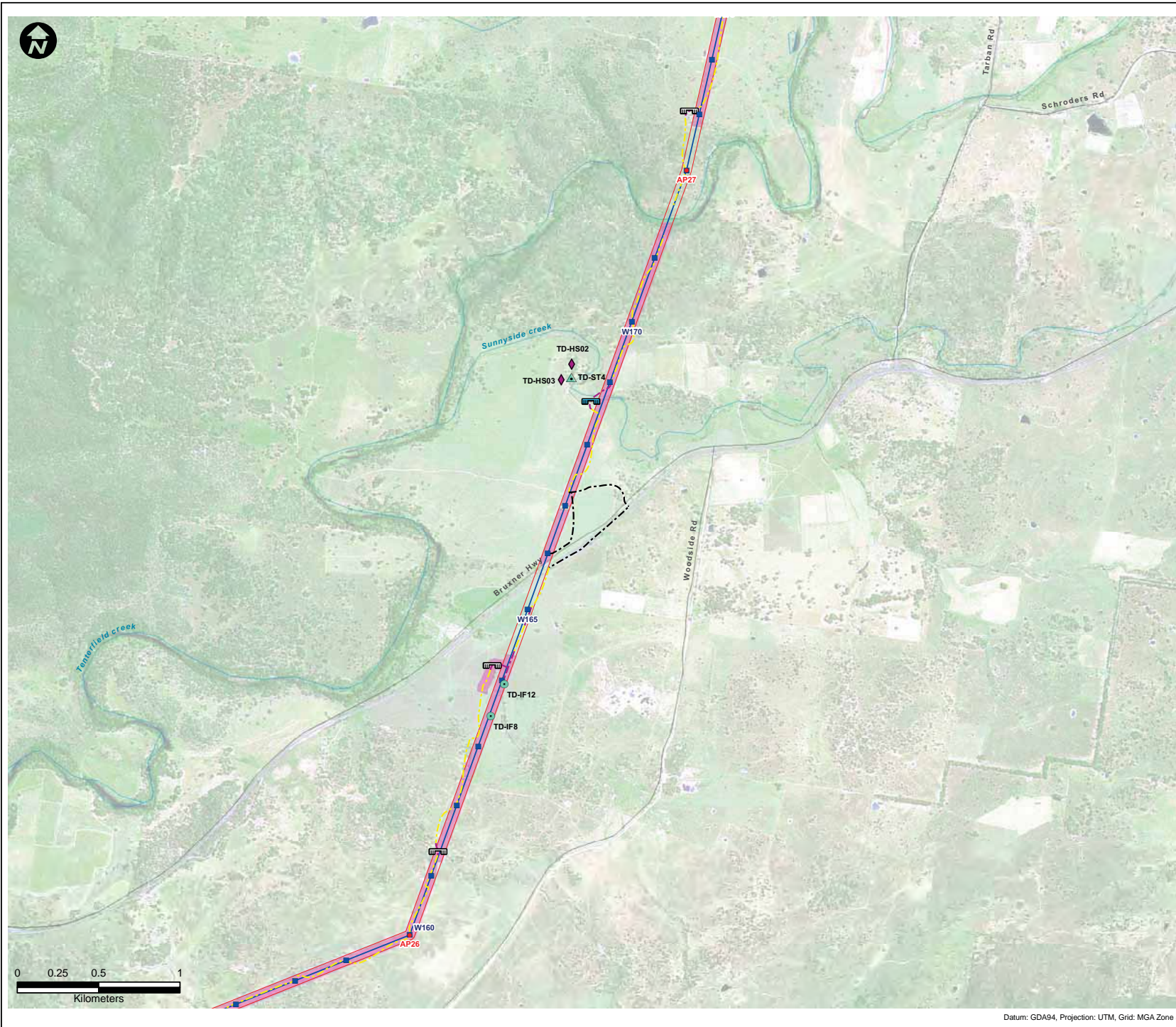
Historic Sites

- Historic Site

*Category 1 : Minimal work required. This would include removal of surface obstacles and/or minor upgrades to existing tracks (i.e. resurfacing, widening etc). Some imported sand and gravel may be required.
**Category 2 : Earth works required. Construction of tracks through flat or undulating timbered/rocky areas where existing tracks do not exist. These can range from tracks required over flat plains country, or involve the formation of tracks after cut and fill, rock removal and/or levelling. Newly constructed Category 2 access tracks would typically be topped with approved gravel. Access tracks would be appropriately compacted and graded and included drainage in the direction of the cross fall to ensure tracks could be maintained and erosion impacts from run off minimised.
***Category 3 : Earth works required in wet or swampy areas. Typically construction would require excavation of unstable material, drainage works and the import of rock material. This rock would be placed upon a geotextile material to provide a stable surface to facilitate the movement of required construction plant and equipment.

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Client TransGrid		
Project FAR NORTH NSW (DUMARESQ - LISMORE 330kV TRANSMISSION LINE) PROJECT		
Title HERITAGE FEATURES		
Figure: Heritage 10		



LEGEND:

- Proposed 330kV Angle Positions (Indicative)[^]
- Proposed 330kV Structure Locations (Indicative)[^]
- Proposed 330kV Centreline[^]
- Proposed 330kV Easement[^]
- Substation/Switching Station
- Roads
- Waterways

Access Tracks:

- Category 1*
- Category 2**
- Category 3***
- Creek Crossing (New)
- Creek Crossing (Upgrade Required)
- Sensitive Archaeological Landform
- Surveyed Areas

Indigenous Records

- Isolated Find
- Modified Tree
- Open Site
- Open Site with Potential Archaeological Deposit
- Potential Archaeological Deposit
- Resource Procurement Site

Historic Sites

- Historic Site

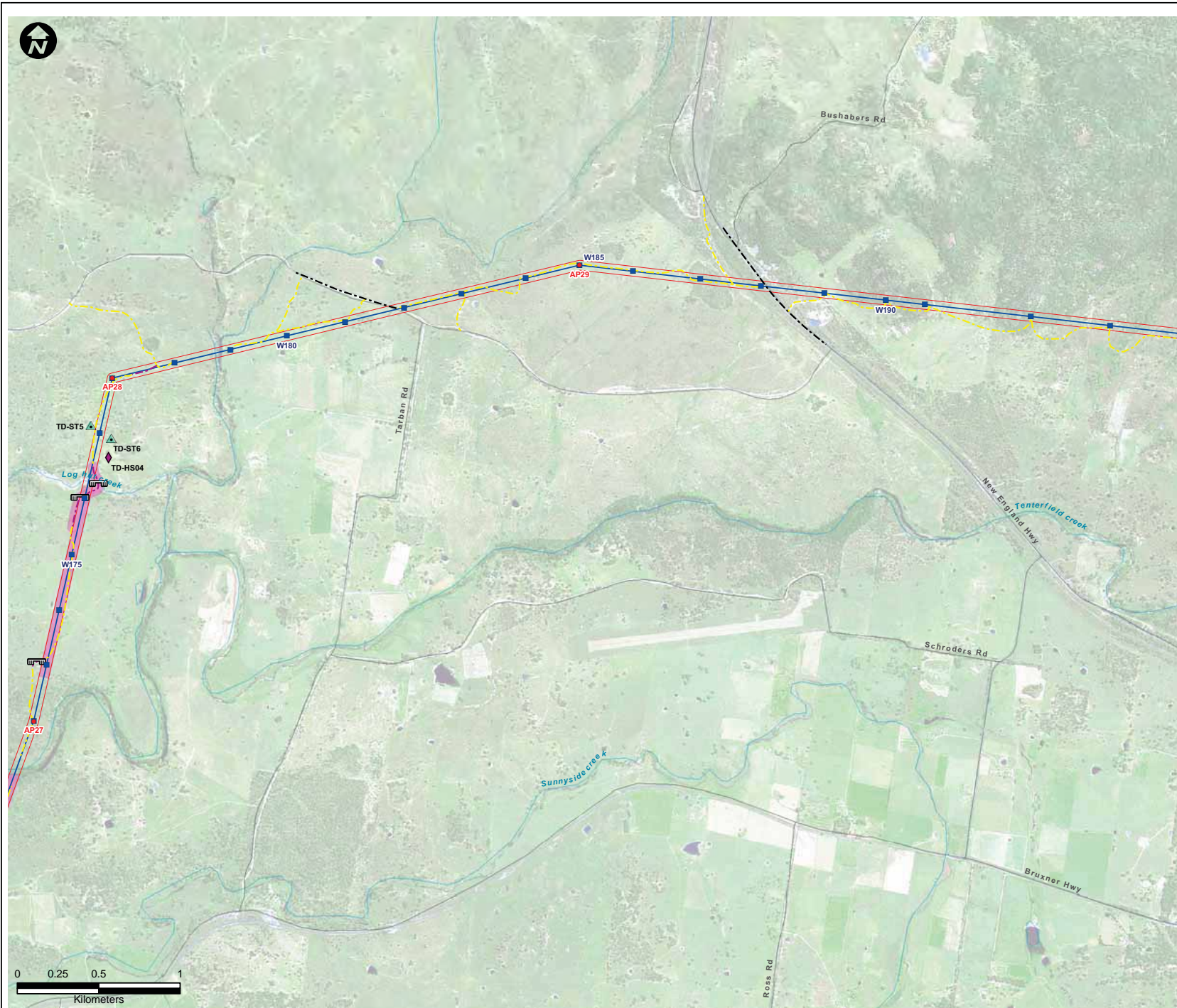
^{*}Category 1 : Minimal work required. This would include removal of surface obstacles and/or minor upgrades to existing tracks (i.e. resurfacing, widening etc). Some imported sand and gravel may be required.

^{**}Category 2 : Earth works required. Construction of tracks through flat or undulating timbered/rocky areas where existing tracks do not exist. These can range from tracks required over flat plains country, or involve the formation of tracks after cut and fill, rock removal and/or levelling. Newly constructed Category 2 access tracks would typically be topped with approved gravel. Access tracks would be appropriately compacted and graded and included drainage in the direction of the cross fall to ensure tracks could be maintained and erosion impacts from run off minimised.

^{***}Category 3 : Earth works required in wet or swampy areas. Typically construction would require excavation of unstable material, drainage works and the import of rock material. This rock would be placed upon a geotextile material to provide a stable surface to facilitate the movement of required construction plant and equipment.

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^ TransGrid 2010

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Client TransGrid		
Project FAR NORTH NSW (DUMARESQ - LISMORE 330kV TRANSMISSION LINE) PROJECT		
Title HERITAGE FEATURES		
Figure: Heritage 11		



LEGEND:

- Proposed 330kV Angle Positions (Indicative)^
- Proposed 330kV Structure Locations (Indicative)^
- Proposed 330kV Centreline^
- Proposed 330kV Easement^
- Substation/Switching Station
- Roads
- Waterways

Access Tracks:

- Category 1*
- Category 2**
- Category 3***
- Creek Crossing (New)
- Creek Crossing (Upgrade Required)
- Sensitive Archaeological Landform
- Surveyed Areas

Indigenous Records

- Isolated Find
- Modified Tree
- Open Site
- Open Site with Potential Archaeological Deposit
- Potential Archaeological Deposit
- Resource Procurement Site

Historic Sites

- Historic Site

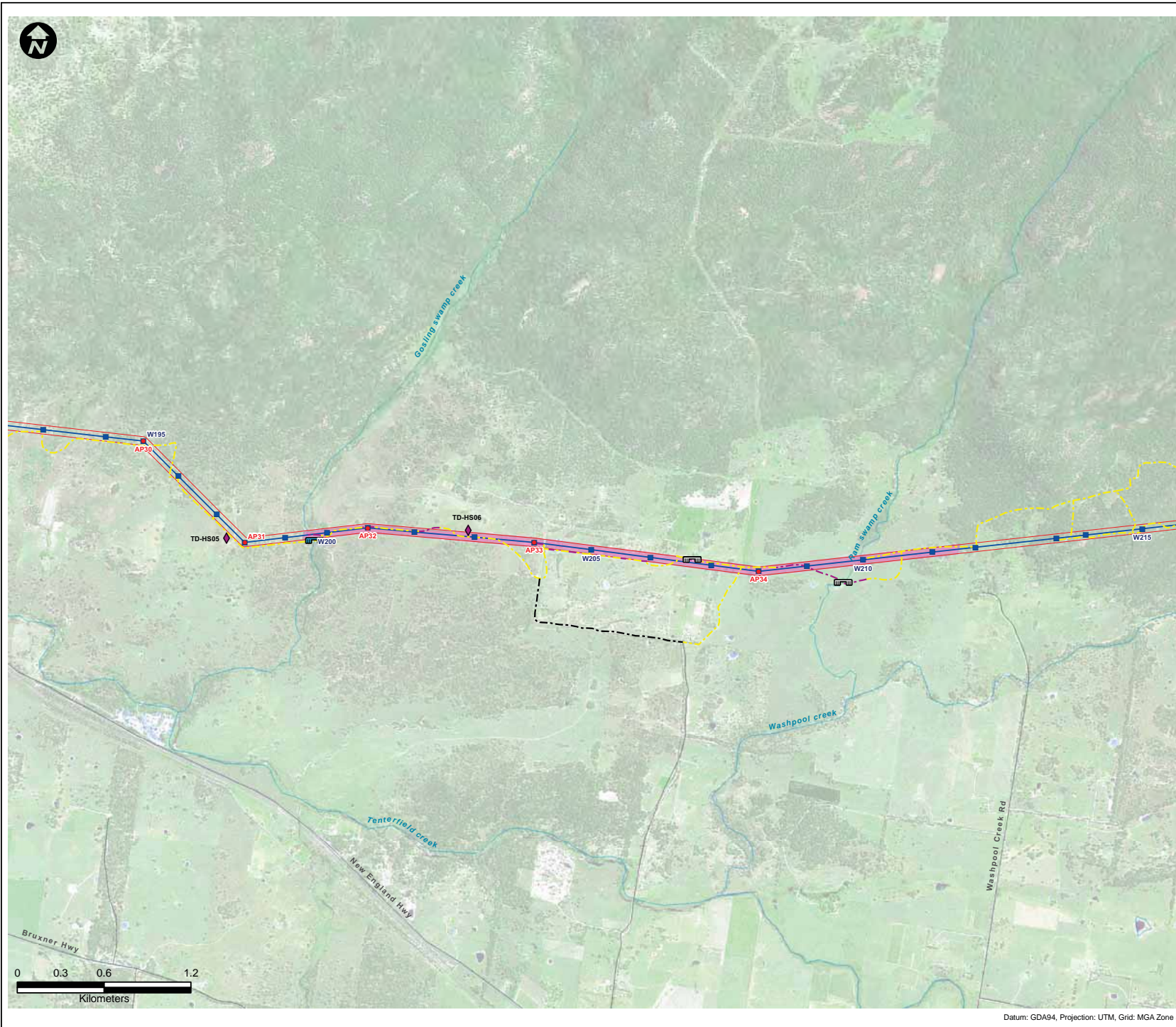
*Category 1 : Minimal work required. This would include removal of surface obstacles and/or minor upgrades to existing tracks (i.e. resurfacing, widening etc). Some imported sand and gravel may be required.

**Category 2 : Earth works required. Construction of tracks through flat or undulating timbered/rocky areas where existing tracks do not exist. These can range from tracks required over flat plains country, or involve the formation of tracks after cut and fill, rock removal and/or levelling. Newly constructed Category 2 access tracks would typically be topped with approved gravel. Access tracks would be appropriately compacted and graded and included drainage in the direction of the cross fall to ensure tracks could be maintained and erosion impacts from run off minimised.

***Category 3 : Earth works required in wet or swampy areas. Typically construction would require excavation of unstable material, drainage works and the import of rock material. This rock would be placed upon a geotextile material to provide a stable surface to facilitate the movement of required construction plant and equipment.

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Client	TransGrid	
Project	FAR NORTH NSW (DUMARESQ - LISMORE 330kV TRANSMISSION LINE) PROJECT	
Title	HERITAGE FEATURES	
Figure: Heritage 12		



LEGEND:

- Proposed 330kV Angle Positions (Indicative)[^]
- Proposed 330kV Structure Locations (Indicative)[^]
- Proposed 330kV Centreline[^]
- Proposed 330kV Easement[^]
- Substation/Switching Station
- Roads
- Waterways

Access Tracks:

- Category 1*
- Category 2**
- Category 3***
- Creek Crossing (New)
- Creek Crossing (Upgrade Required)
- Sensitive Archaeological Landform
- Surveyed Areas

Indigenous Records

- Isolated Find
- Modified Tree
- Open Site
- Open Site with Potential Archaeological Deposit
- Potential Archaeological Deposit
- Resource Procurement Site

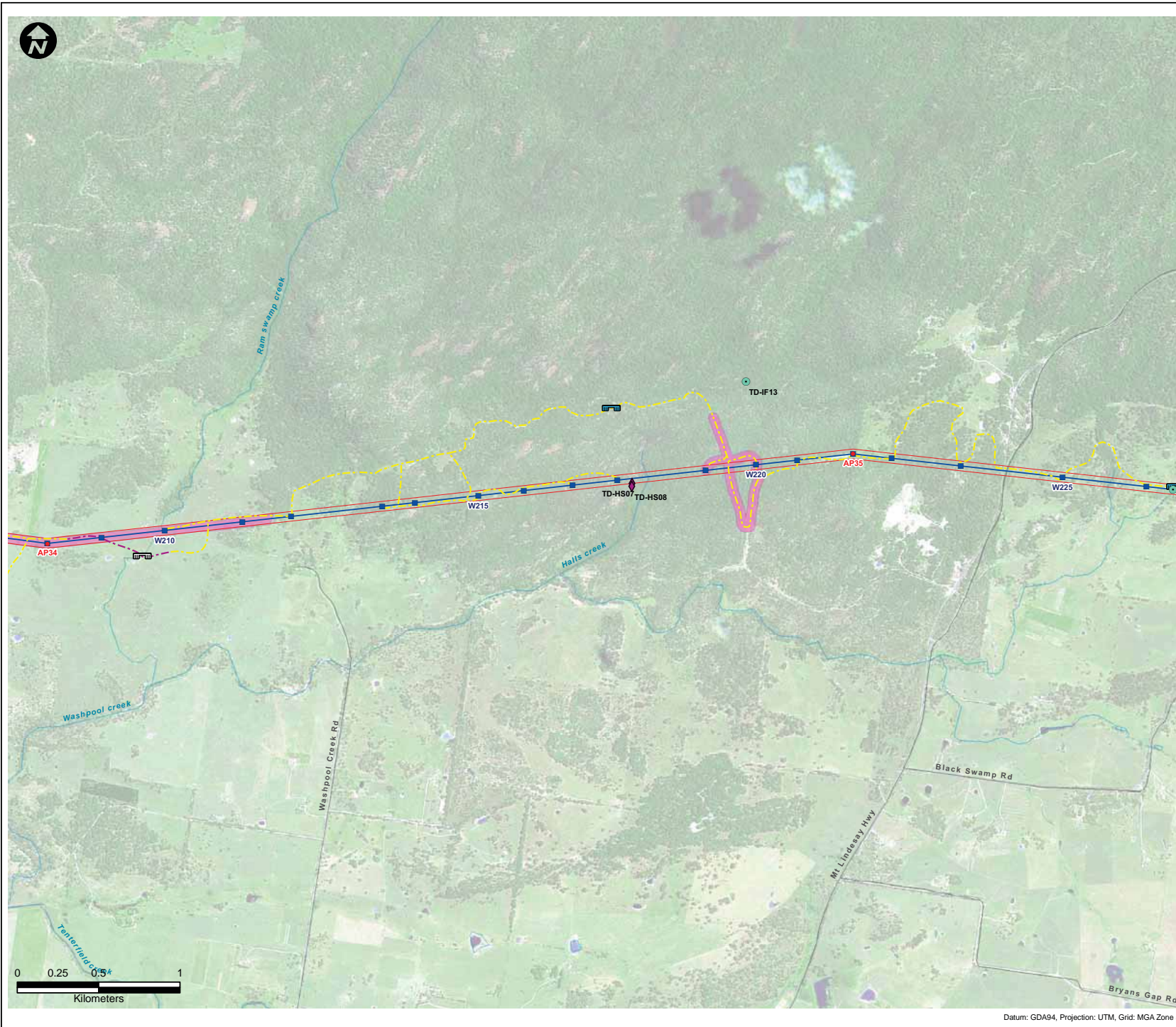
Historic Sites

- Historic Site

^{*}Category 1 : Minimal work required. This would include removal of surface obstacles and/or minor upgrades to existing tracks (i.e. resurfacing, widening etc). Some imported sand and gravel may be required.
^{**}Category 2 : Earth works required. Construction of tracks through flat or undulating timbered/rocky areas where existing tracks do not exist. These can range from tracks required over flat plains country, or involve the formation of tracks after cut and fill, rock removal and/or levelling. Newly constructed Category 2 access tracks would typically be topped with approved gravel. Access tracks would be appropriately compacted and graded and included drainage in the direction of the cross fall to ensure tracks could be maintained and erosion impacts from run off minimised.
^{***}Category 3 : Earth works required in wet or swampy areas. Typically construction would require excavation of unstable material, drainage works and the import of rock material. This rock would be placed upon a geotextile material to provide a stable surface to facilitate the movement of required construction plant and equipment.

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Client TransGrid		
Project FAR NORTH NSW (DUMARESQ - LISMORE 330kV TRANSMISSION LINE) PROJECT		
Title HERITAGE FEATURES		
Figure: Heritage 13		



LEGEND:

- Proposed 330kV Angle Positions (Indicative)^
- Proposed 330kV Structure Locations (Indicative)^
- Proposed 330kV Centreline^
- Proposed 330kV Easement^
- Substation/Switching Station
- Roads
- Waterways

Access Tracks:

- Category 1*
- Category 2**
- Category 3***
- Creek Crossing (New)
- Creek Crossing (Upgrade Required)
- Sensitive Archaeological Landform
- Surveyed Areas

Indigenous Records

- Isolated Find
- Modified Tree
- Open Site
- Open Site with Potential Archaeological Deposit
- Potential Archaeological Deposit
- Resource Procurement Site

Historic Sites

- Historic Site

*Category 1: Minimal work required. This would include removal of surface obstacles and/or minor upgrades to existing tracks (i.e. resurfacing, widening etc). Some imported sand and gravel may be required.

**Category 2: Earth works required. Construction of tracks through flat or undulating timbered/rocky areas where existing tracks do not exist. These can range from tracks required over flat plains country, or involve the formation of tracks after cut and fill, rock removal and/or levelling. Newly constructed Category 2 access tracks would typically be topped with approved gravel. Access tracks would be appropriately compacted and graded and included drainage in the direction of the cross fall to ensure tracks could be maintained and erosion impacts from run off minimised.

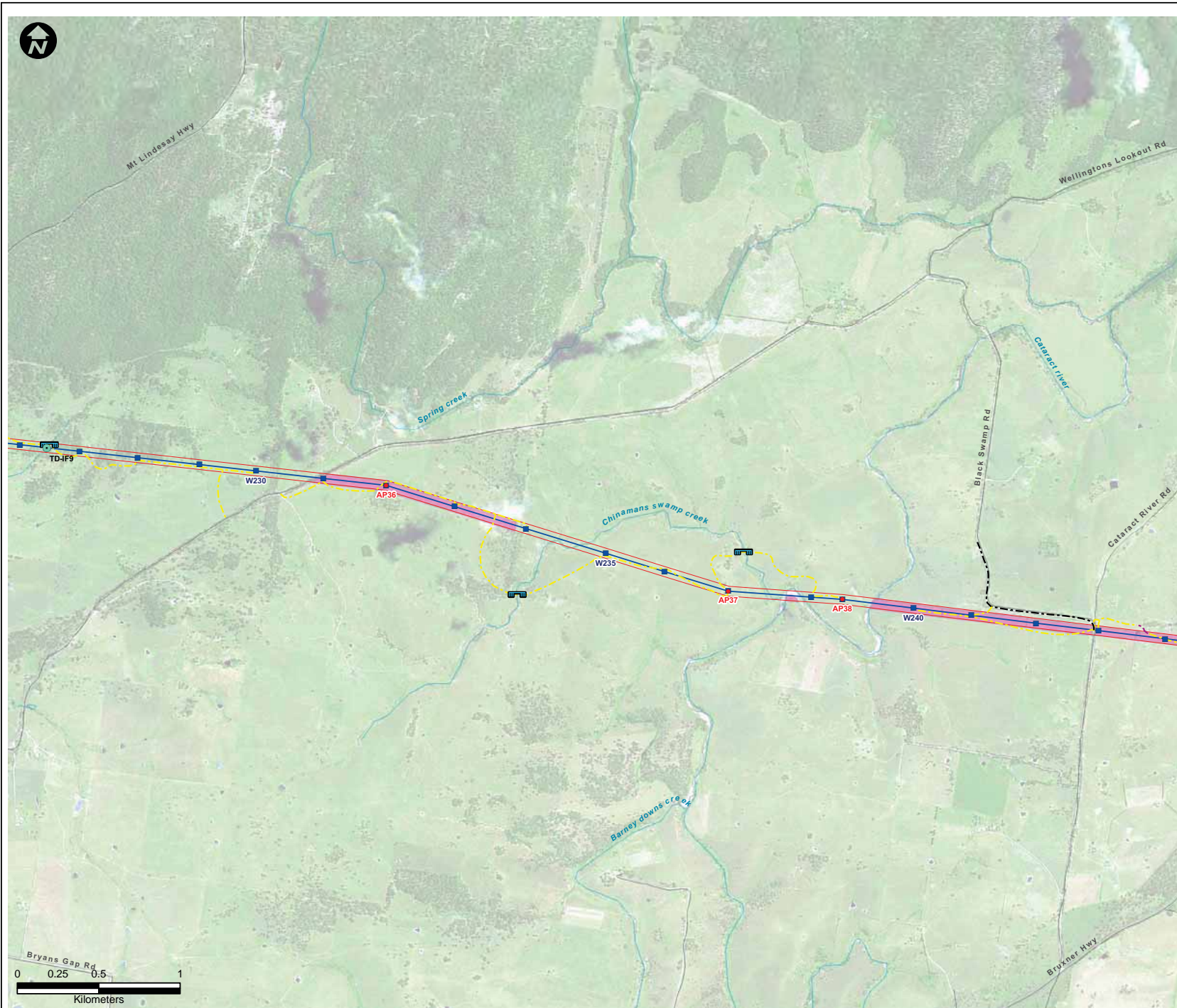
***Category 3: Earth works required in wet or swampy areas. Typically construction would require excavation of unstable material, drainage works and the import of rock material. This rock would be placed upon a geotextile material to provide a stable surface to facilitate the movement of required construction plant and equipment.

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Source: Aerial Imagery from TransGrid 2009, TransGrid 2010

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Client: TransGrid		
Project: FAR NORTH NSW (DUMARESQ - LISMORE 330kV TRANSMISSION LINE) PROJECT		
Title: HERITAGE FEATURES		
Figure: Heritage 14		

Datum: GDA94, Projection: UTM, Grid: MGA Zone 56



LEGEND:

- Proposed 330kV Angle Positions (Indicative)[^]
- Proposed 330kV Structure Locations (Indicative)[^]
- Proposed 330kV Centreline[^]
- Proposed 330kV Easement[^]
- Substation/Switching Station
- Roads
- Waterways

Access Tracks:

- Category 1*
- Category 2**
- Category 3***
- Creek Crossing (New)
- Creek Crossing (Upgrade Required)
- Sensitive Archaeological Landform
- Surveyed Areas

Indigenous Records

- Isolated Find
- Modified Tree
- Open Site
- Open Site with Potential Archaeological Deposit
- Potential Archaeological Deposit
- Resource Procurement Site

Historic Sites

- Historic Site

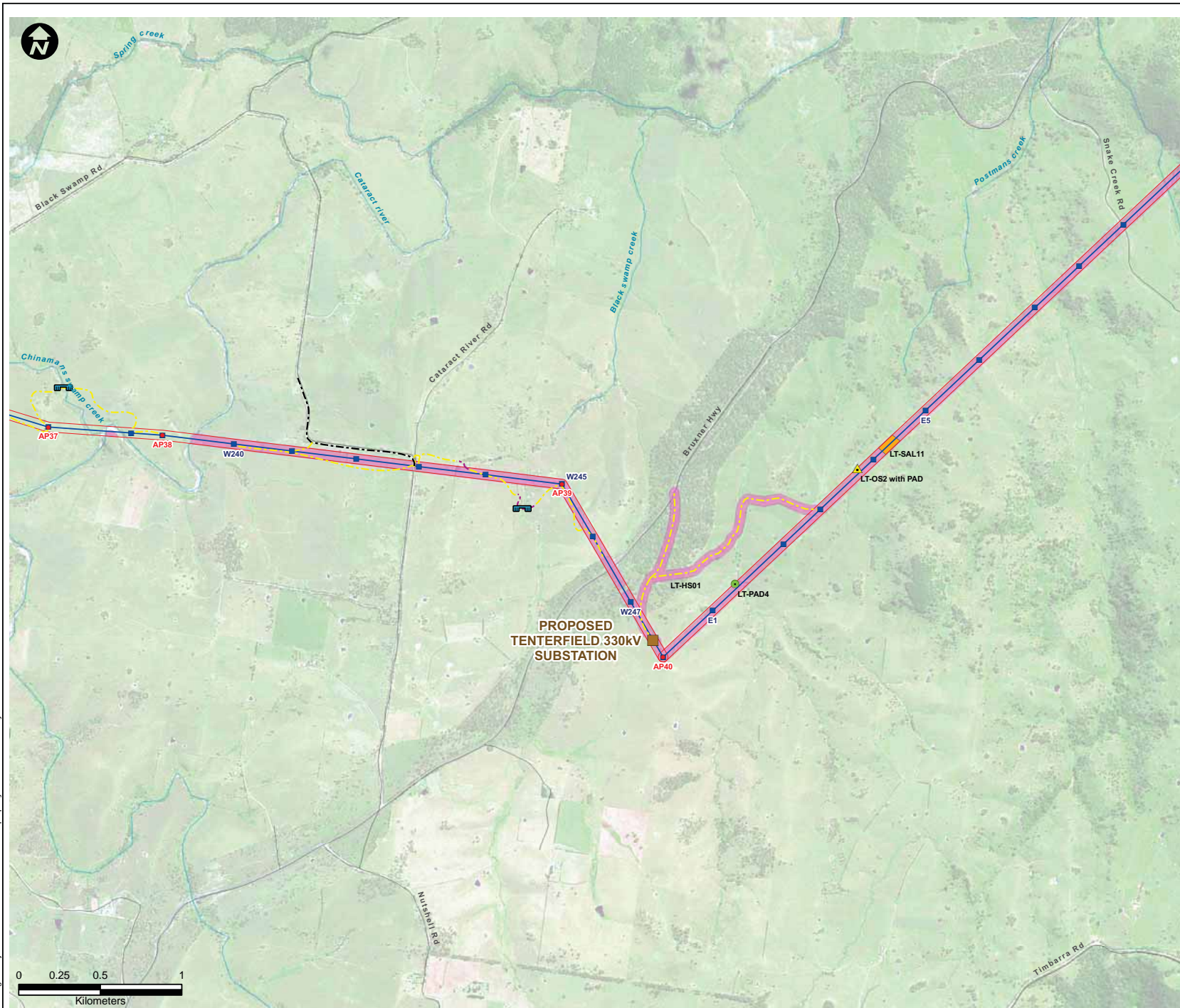
^{*}Category 1 : Minimal work required. This would include removal of surface obstacles and/or minor upgrades to existing tracks (i.e. resurfacing, widening etc). Some imported sand and gravel may be required.

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^{***}Category 3 : Earth works required in wet or swampy areas. Typically construction would require excavation of unstable material, drainage works and the import of rock material. This rock would be placed upon a geotextile material to provide a stable surface to facilitate the movement of required construction plant and equipment.

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^ TransGrid 2010

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Client	TransGrid	
Project	FAR NORTH NSW (DUMARESQ - LISMORE 330kV TRANSMISSION LINE) PROJECT	
Title	HERITAGE FEATURES	
Figure: Heritage 15		



LEGEND:

- Proposed 330kV Angle Positions (Indicative)[^]
- Proposed 330kV Structure Locations (Indicative)[^]
- Proposed 330kV Centreline[^]
- Proposed 330kV Easement[^]
- Substation/Switching Station
- Roads
- Waterways

Access Tracks:

- Category 1*
- Category 2**
- Category 3***
- Creek Crossing (New)
- Creek Crossing (Upgrade Required)
- Sensitive Archaeological Landform
- Surveyed Areas

Indigenous Records

- Isolated Find
- Modified Tree
- Open Site
- Open Site with Potential Archaeological Deposit
- Potential Archaeological Deposit
- Resource Procurement Site

Historic Sites

- Historic Site

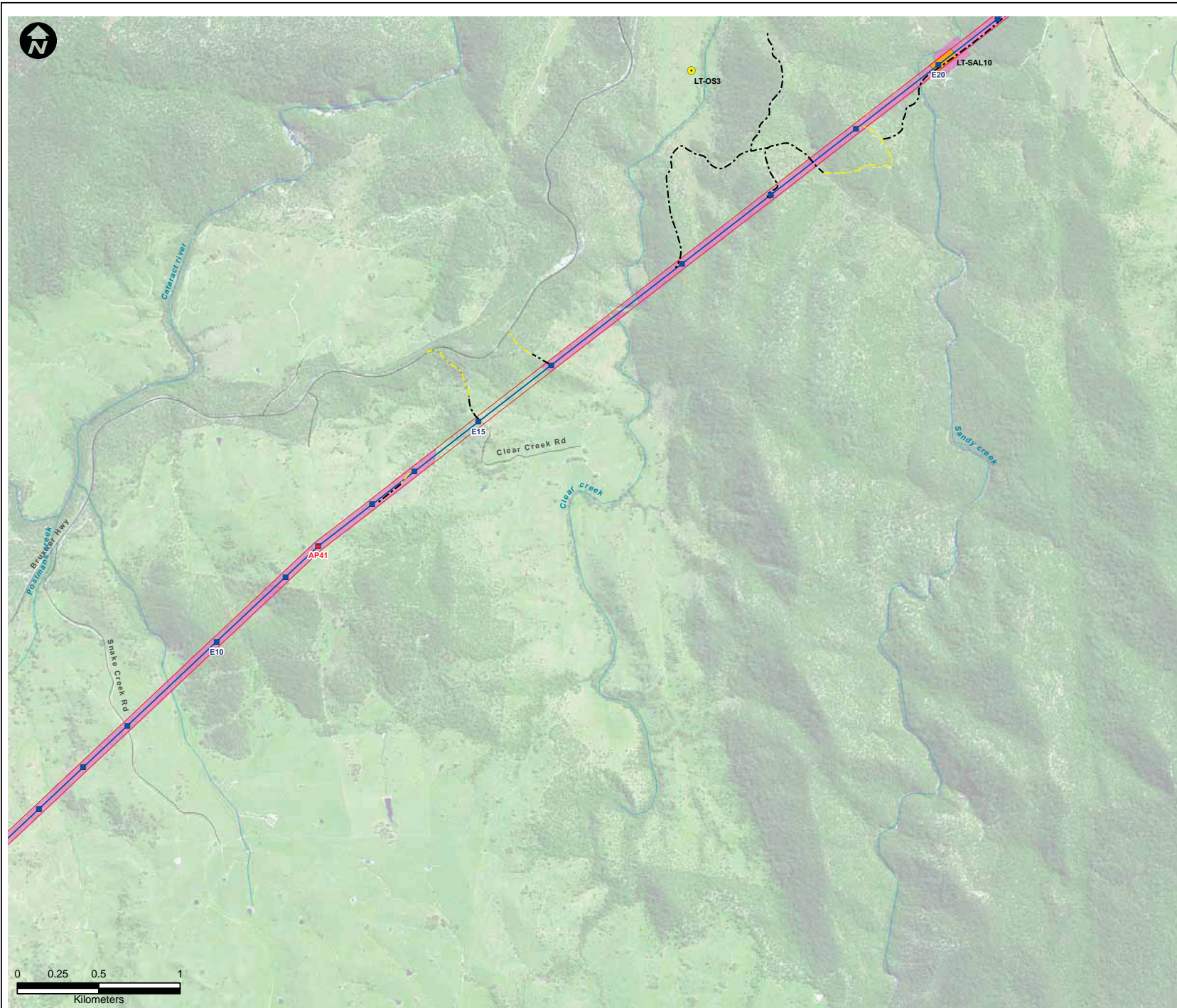
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^{**}Category 2 : Earth works required. Construction of tracks through flat or undulating timbered/rocky areas where existing tracks do not exist. These can range from tracks required over flat plains country, or involve the formation of tracks after cut and fill, rock removal and/or levelling. Newly constructed Category 2 access tracks would typically be topped with approved gravel. Access tracks would be appropriately compacted and graded and included drainage in the direction of the cross fall to ensure tracks could be maintained and erosion impacts from run off minimised.

^{***}Category 3 : Earth works required in wet or swampy areas. Typically construction would require excavation of unstable material, drainage works and the import of rock material. This rock would be placed upon a geotextile material to provide a stable surface to facilitate the movement of required construction plant and equipment.

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Source: Aerial Imagery from TransGrid 2009,
^ TransGrid 2010

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Client	TransGrid	
Project	FAR NORTH NSW (DUMARESQ - LISMORE 330kV TRANSMISSION LINE) PROJECT	
Title	HERITAGE FEATURES	
Figure: Heritage 16		



LEGEND:

- Proposed 330kV Angle Positions (Indicative)[^]
- Proposed 330kV Structure Locations (Indicative)[^]
- Proposed 330kV Centreline[^]
- Proposed 330kV Easement[^]
- Substation/Switching Station
- Roads
- Waterways

Access Tracks:

- Category 1^{*}
- Category 2^{**}
- Category 3^{***}
- Creek Crossing (New)
- Creek Crossing (Upgrade Required)
- Sensitive Archaeological Landform
- Surveyed Areas

Indigenous Records

- Isolated Find
- Modified Tree
- Open Site
- Open Site with Potential Archaeological Deposit
- Potential Archaeological Deposit
- Resource Procurement Site

Historic Sites

- Historic Site

^{*}Category 1 : Minimal work required. This would include removal of surface obstacles and/or minor upgrades to existing tracks (i.e. resurfacing, widening etc). Some imported sand and gravel may be required.
^{**}Category 2 : Earth works required. Construction of tracks through flat or undulating timbered/rocky areas where existing tracks do not exist. These can range from tracks required over flat plains country, or involve the formation of tracks after cut and fill, rock removal and/or levelling. Newly constructed Category 2 access tracks would typically be topped with approved gravel. Access tracks would be appropriately compacted and graded and included drainage in the direction of the cross fall to ensure tracks could be maintained and erosion impacts from run off minimised.
^{***}Category 3 : Earth works required in wet or swampy areas. Typically construction would require excavation of unstable material, drainage works and the import of rock material. This rock would be placed upon a geotextile material to provide a stable surface to facilitate the movement of required construction plant and equipment.

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Source: Aerial Imagery from TransGrid 2009,
^ TransGrid 2010

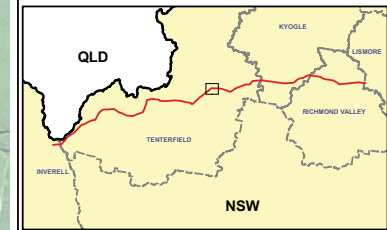
Drawn: AO/SB	Approved: WM/TH	Date: 14/03/2011
Job No.: 43177662	File No.: 43177662.139.mxd	
Client TransGrid		
Project FAR NORTH NSW (DUMARESQ - LISMORE 330kV TRANSMISSION LINE) PROJECT		
Title HERITAGE FEATURES		
Figure: Heritage 17		

Datum: GDA94, Projection: UTM, Grid: MGA Zone 56

Category 1: Minimal work required. This would include removal of surface obstacles and/or minor upgrades to existing tracks (i.e. resurfacing, widening etc). Some imported sand and gravel may be required.


Category 2: Work with earth and/or rock. This would include tracks through forest or undulating timbered/dry areas where tracks do not exist. These can range from tracks required over flat plains country, or involve the formation of tracks after cut and fill, rock removal and/or leveling. Newly constructed Category 2 tracks would be constructed with a 10m wide gravel road base. Access tracks would be appropriately compacted and graded and included drainage in the direction of the cross fall to ensure tracks could be maintained in the event of erosion impacts from heavy off road vehicles.

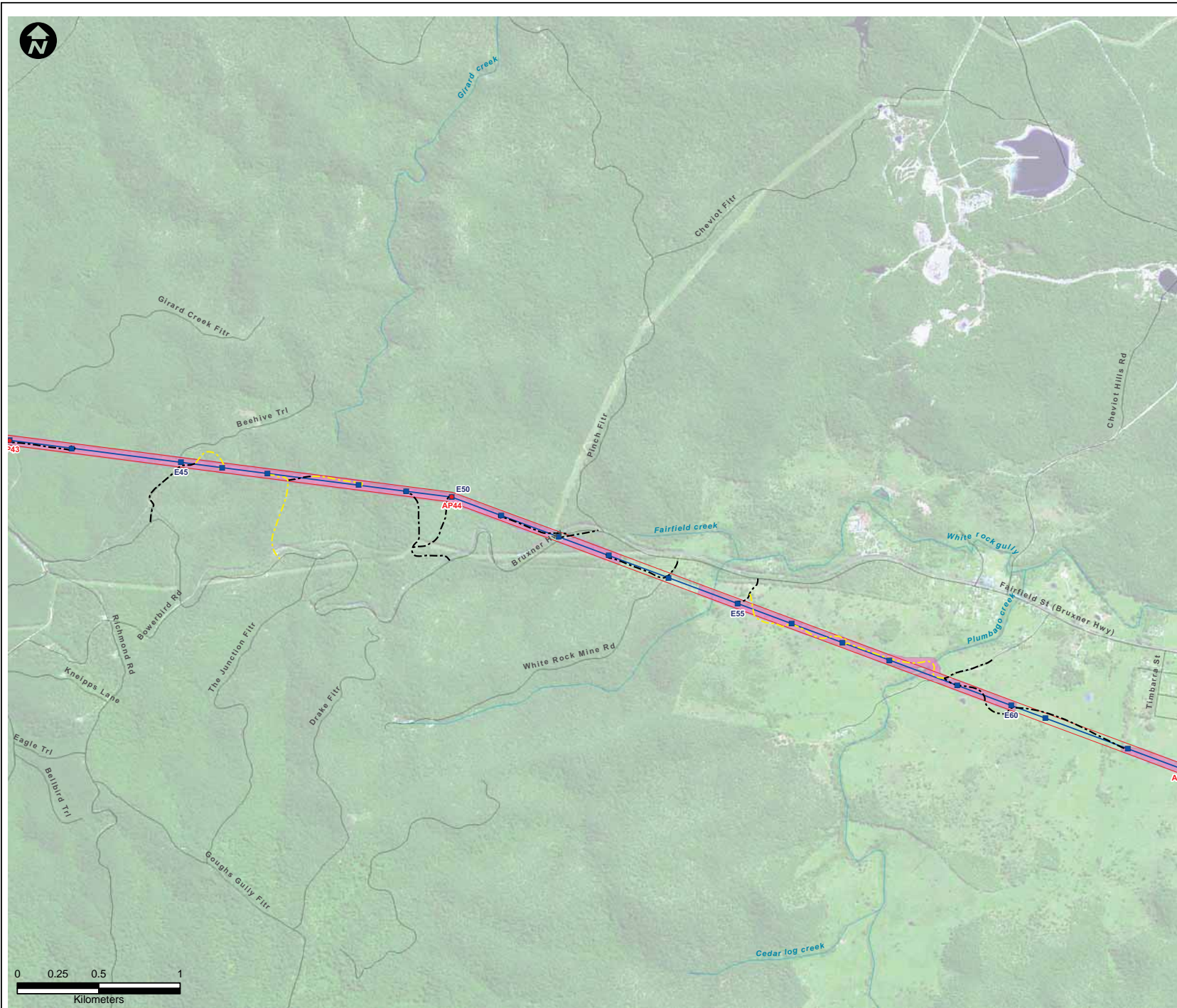
Category 3: Earth works required in wet or swampy areas. Typically construction would require excavation of unstable material, drainage works and the import of rock material. This material would be placed upon a geotextile material to provide a stable surface to facilitate the movement of required construction plant and equipment.



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Source: Aerial Imagery from TransGrid 2009,
 ^ TransGrid 2010

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Client TransGrid		
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Title HERITAGE FEATURES		
Figure: Heritage 18		
		



LEGEND:

- Proposed 330kV Angle Positions (Indicative)[^]
- Proposed 330kV Structure Locations (Indicative)[^]
- Proposed 330kV Centreline[^]
- Proposed 330kV Easement[^]
- Substation/Switching Station
- Roads
- Waterways

Access Tracks:

- Category 1*
- Category 2**
- Category 3***
- Creek Crossing (New)
- Creek Crossing (Upgrade Required)
- Sensitive Archaeological Landform
- Surveyed Areas

Indigenous Records

- Isolated Find
- Modified Tree
- Open Site
- Open Site with Potential Archaeological Deposit
- Potential Archaeological Deposit
- Resource Procurement Site

Historic Sites

- Historic Site

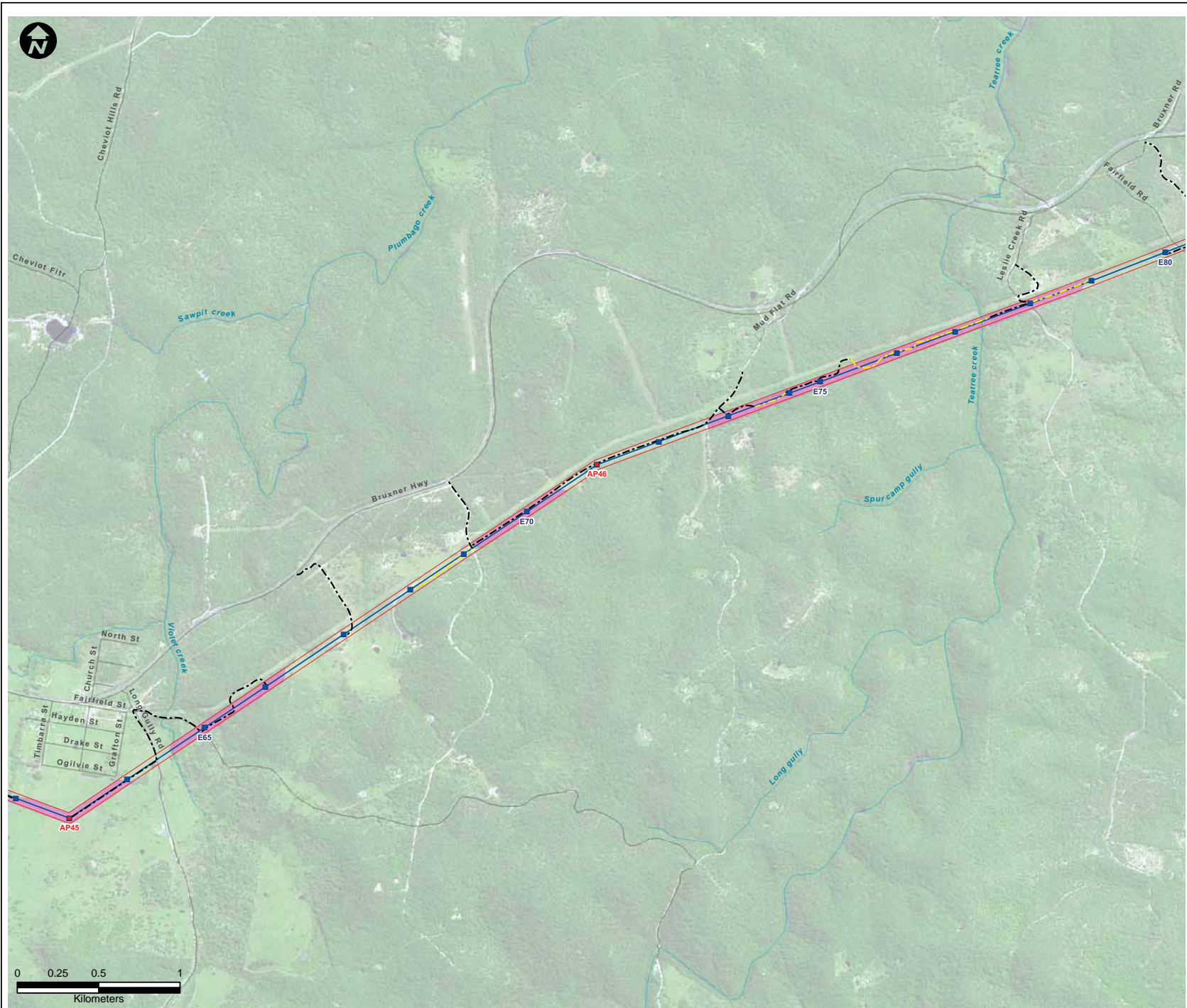
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[^] TransGrid 2010

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Client TransGrid		
Project FAR NORTH NSW (DUMARESQ - LISMORE 330kV TRANSMISSION LINE) PROJECT		
Title HERITAGE FEATURES		
Figure: Heritage 19		

Datum: GDA94, Projection: UTM, Grid: MGA Zone 56

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LEGEND:

- Proposed 330kV Angle Positions (Indicative)[^]
- Proposed 330kV Structure Locations (Indicative)[^]
- Proposed 330kV Centreline[^]
- Proposed 330kV Easement[^]
- Substation/Switching Station
- Roads
- Waterways

Access Tracks:

- Category 1*
- Category 2**
- Category 3***
- Creek Crossing (New)
- Creek Crossing (Upgrade Required)
- Sensitive Archaeological Landform
- Surveyed Areas

Indigenous Records

- Isolated Find
- Modified Tree
- Open Site
- Open Site with Potential Archaeological Deposit
- Potential Archaeological Deposit
- Resource Procurement Site

Historic Sites

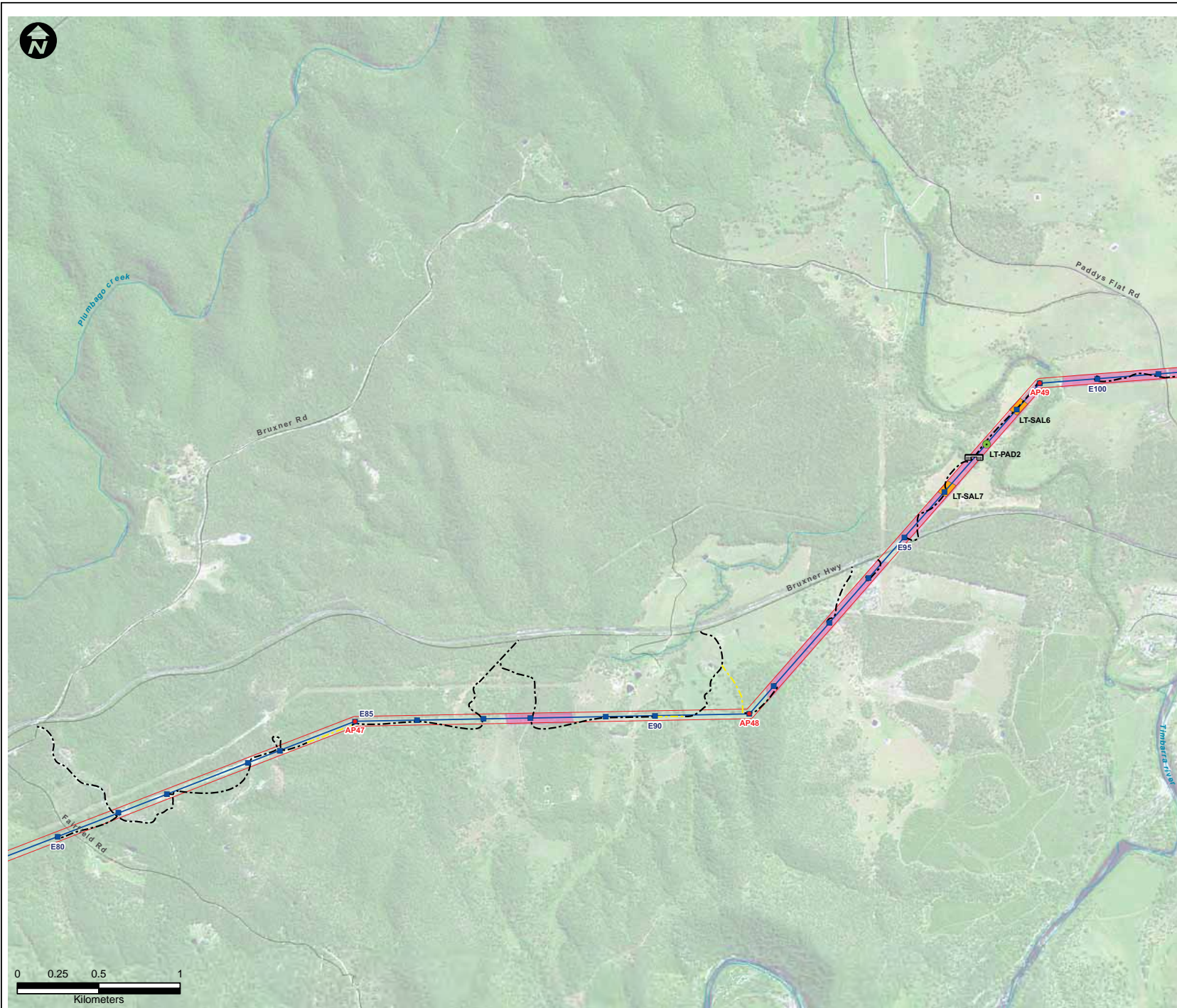
- Historic Site

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Project FAR NORTH NSW (DUMARESQ - LISMORE 330kV TRANSMISSION LINE) PROJECT		
Title HERITAGE FEATURES		
Figure: Heritage 20		

Datum: GDA94, Projection: UTM, Grid: MGA Zone 56



LEGEND:

- Proposed 330kV Angle Positions (Indicative)[^]
- Proposed 330kV Structure Locations (Indicative)[^]
- Proposed 330kV Centreline[^]
- Proposed 330kV Easement[^]
- Substation/Switching Station
- Roads
- Waterways

Access Tracks:

- Category 1*
- Category 2**
- Category 3***
- Creek Crossing (New)
- Creek Crossing (Upgrade Required)
- Sensitive Archaeological Landform
- Surveyed Areas

Indigenous Records

Isolated Find
Modified Tree
Open Site
Open Site with Potential Archaeological Deposit
Potential Archaeological Deposit
Resource Procurement Site

Historic Sites

Historic Site

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Project FAR NORTH NSW (DUMARESQ - LISMORE 330kV TRANSMISSION LINE) PROJECT		
Title HERITAGE FEATURES		
Figure: Heritage 21		



LEGEND:

- Proposed 330kV Angle Positions (Indicative)[^]
- Proposed 330kV Structure Locations (Indicative)[^]
- Proposed 330kV Centreline[^]
- Proposed 330kV Easement[^]
- Substation/Switching Station
- Roads
- Waterways

Access Tracks:

- Category 1*
- Category 2**
- Category 3***
- Creek Crossing (New)
- Creek Crossing (Upgrade Required)
- Sensitive Archaeological Landform
- Surveyed Areas

Indigenous Records

- Isolated Find
- Modified Tree
- Open Site
- Open Site with Potential Archaeological Deposit
- Potential Archaeological Deposit
- Resource Procurement Site

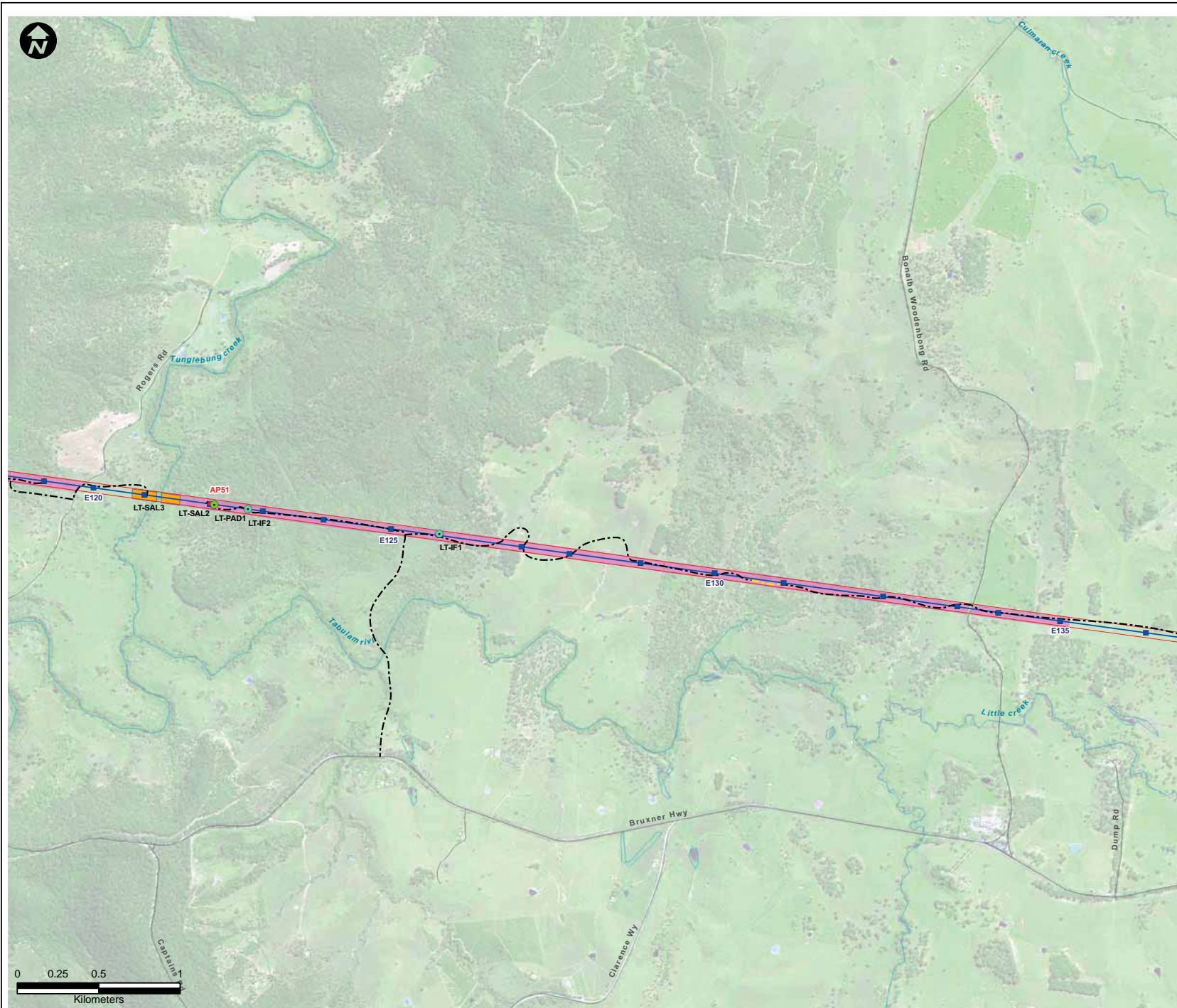
Historic Sites

- Historic Site

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Project FAR NORTH NSW (DUMARESQ - LISMORE 330kV TRANSMISSION LINE) PROJECT		
Title HERITAGE FEATURES		
Figure: Heritage 22		



LEGEND:

- Proposed 330kV Angle Positions (Indicative)[^]
- Proposed 330kV Structure Locations (Indicative)[^]
- Proposed 330kV Centreline[^]
- Proposed 330kV Easement[^]
- Substation/Switching Station
- Roads
- Waterways

Access Tracks:

- Category 1*
- Category 2**
- Category 3***
- Creek Crossing (New)
- Creek Crossing (Upgrade Required)
- Sensitive Archaeological Landform
- Surveyed Areas

Indigenous Records

- Isolated Find
- Modified Tree
- Open Site
- Open Site with Potential Archaeological Deposit
- Potential Archaeological Deposit
- Resource Procurement Site

Historic Sites

- Historic Site

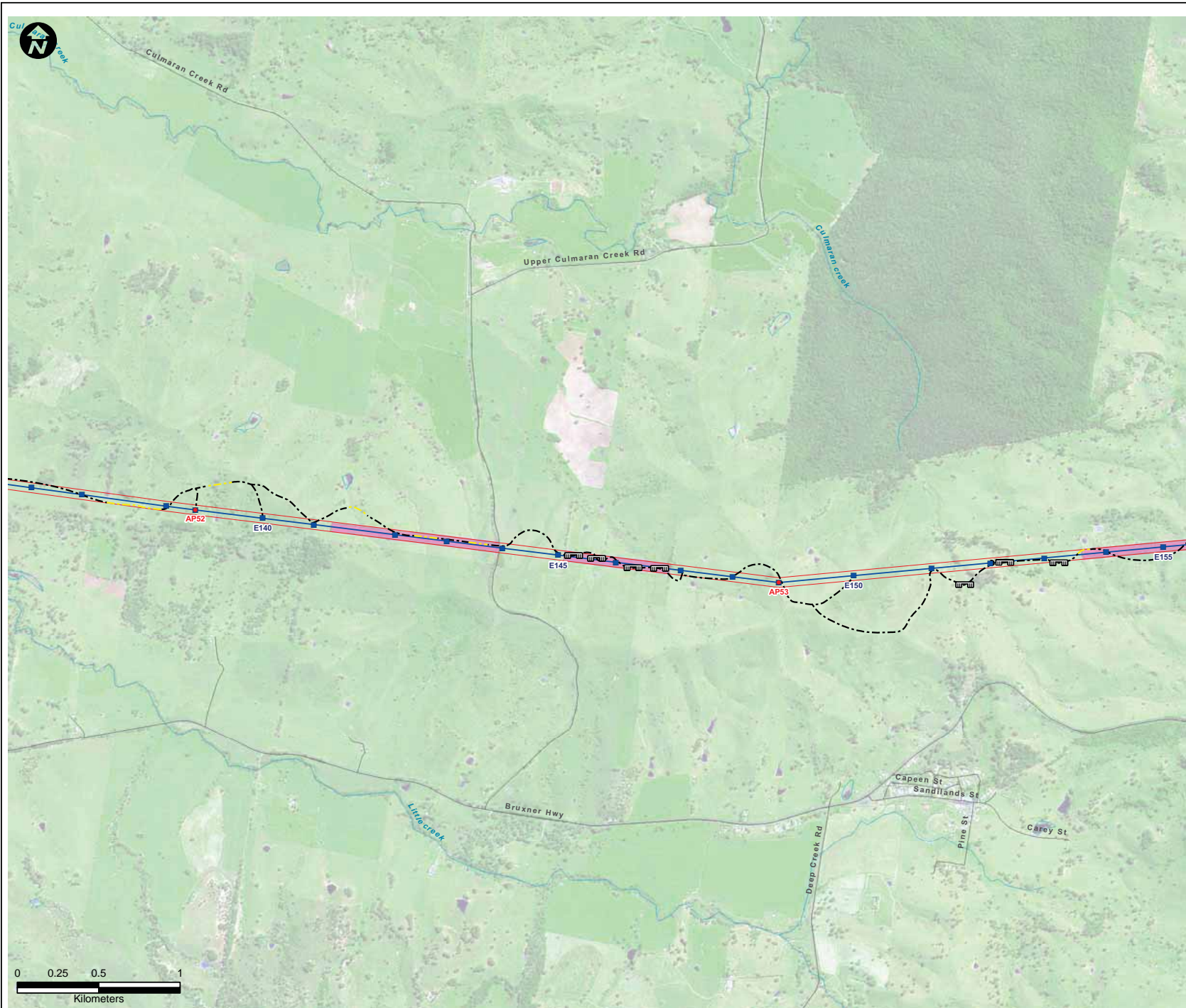
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Project	FAR NORTH NSW (DUMARESQ - LISMORE 330kV TRANSMISSION LINE) PROJECT	
Title	HERITAGE FEATURES	
Figure: Heritage 23		



LEGEND:

- Proposed 330kV Angle Positions (Indicative)[^]
- Proposed 330kV Structure Locations (Indicative)[^]
- Proposed 330kV Centreline[^]
- Proposed 330kV Easement[^]
- Substation/Switching Station
- Roads
- Waterways

Access Tracks:

- Category 1^{*}
- Category 2^{**}
- Category 3^{***}
- Creek Crossing (New)
- Creek Crossing (Upgrade Required)
- Sensitive Archaeological Landform
- Surveyed Areas

Indigenous Records

- Isolated Find
- Modified Tree
- Open Site
- Open Site with Potential Archaeological Deposit
- Potential Archaeological Deposit
- Resource Procurement Site

Historic Sites

- Historic Site

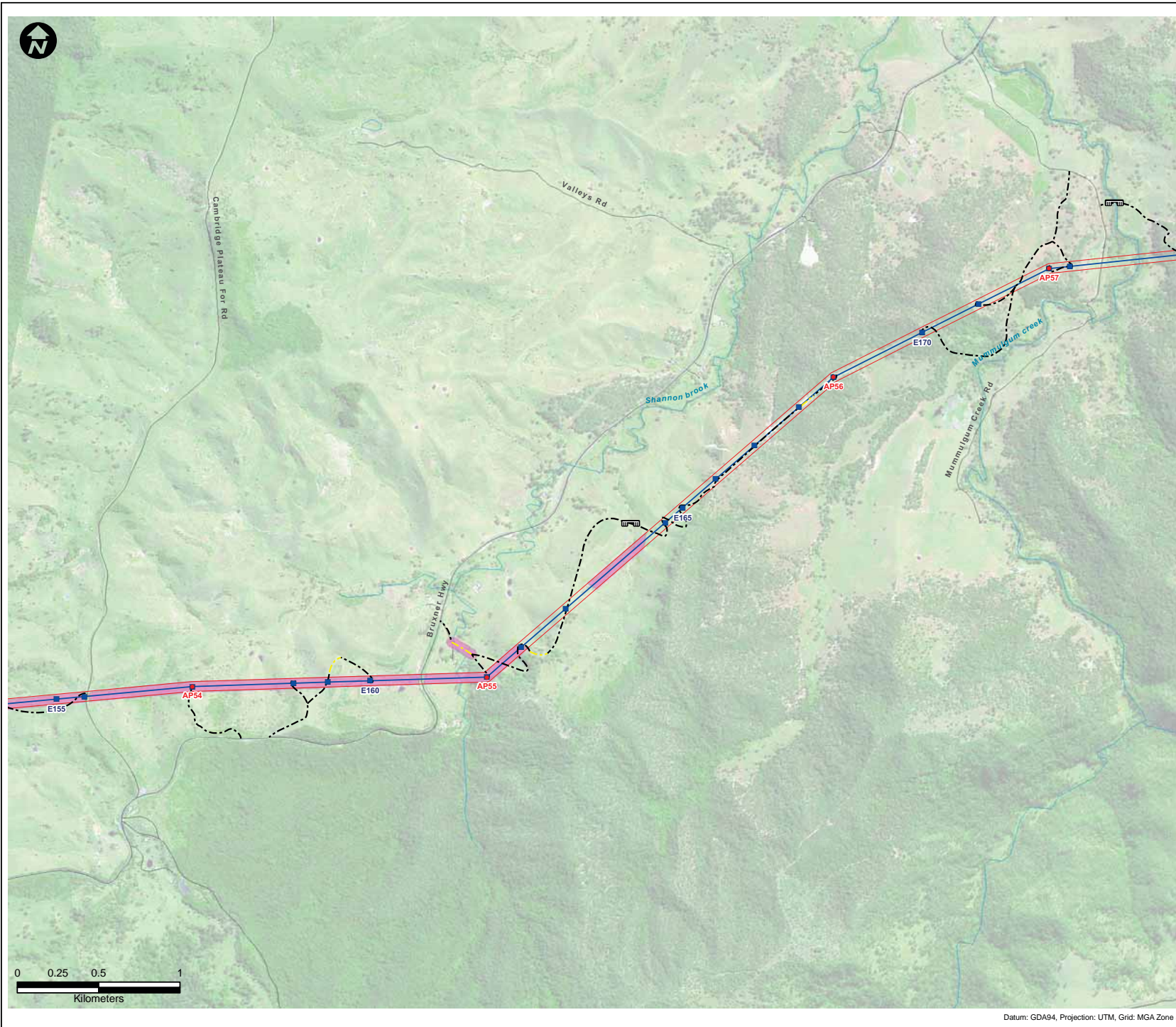
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Project FAR NORTH NSW (DUMARESQ - LISMORE 330kV TRANSMISSION LINE) PROJECT		
Title HERITAGE FEATURES		
Figure: Heritage 24		



LEGEND:

- Proposed 330kV Angle Positions (Indicative)[^]
- Proposed 330kV Structure Locations (Indicative)[^]
- Proposed 330kV Centreline[^]
- Proposed 330kV Easement[^]
- Substation/Switching Station
- Roads
- Waterways

Access Tracks:

- Category 1*
- Category 2**
- Category 3***
- Creek Crossing (New)
- Creek Crossing (Upgrade Required)
- Sensitive Archaeological Landform
- Surveyed Areas

Indigenous Records

- Isolated Find
- Modified Tree
- Open Site
- Open Site with Potential Archaeological Deposit
- Potential Archaeological Deposit
- Resource Procurement Site

Historic Sites

- Historic Site

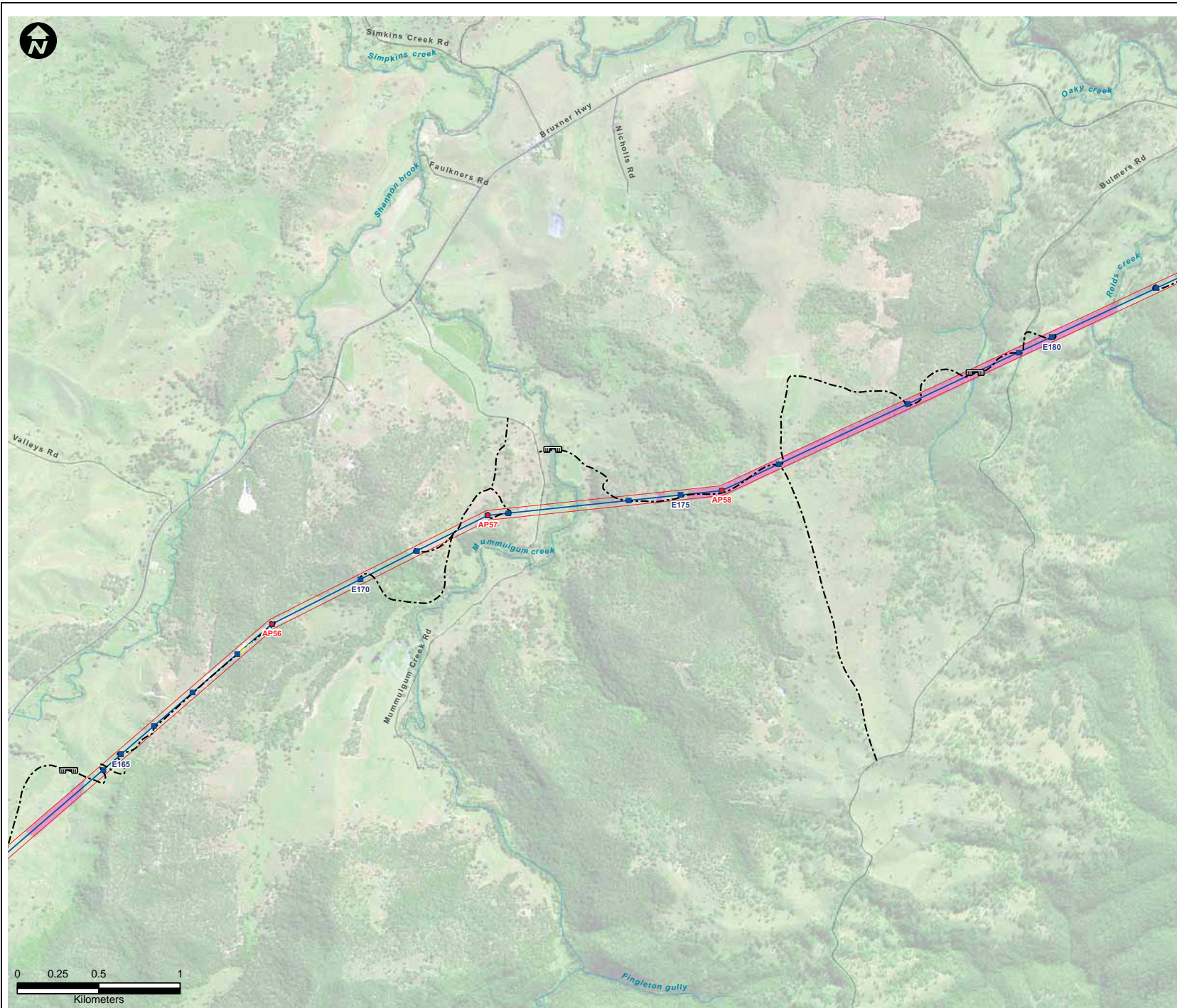
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Project FAR NORTH NSW (DUMARESQ - LISMORE 330kV TRANSMISSION LINE) PROJECT		
Title HERITAGE FEATURES		
Figure: Heritage 25		



LEGEND:

- Proposed 330kV Angle Positions (Indicative)[^]
- Proposed 330kV Structure Locations (Indicative)[^]
- Proposed 330kV Centreline[^]
- Proposed 330kV Easement[^]
- Substation/Switching Station
- Roads
- Waterways

Access Tracks:

- Category 1*
- Category 2**
- Category 3***

- Creek Crossing (New)
- Creek Crossing (Upgrade Required)
- Sensitive Archaeological Landform
- Surveyed Areas

Indigenous Records

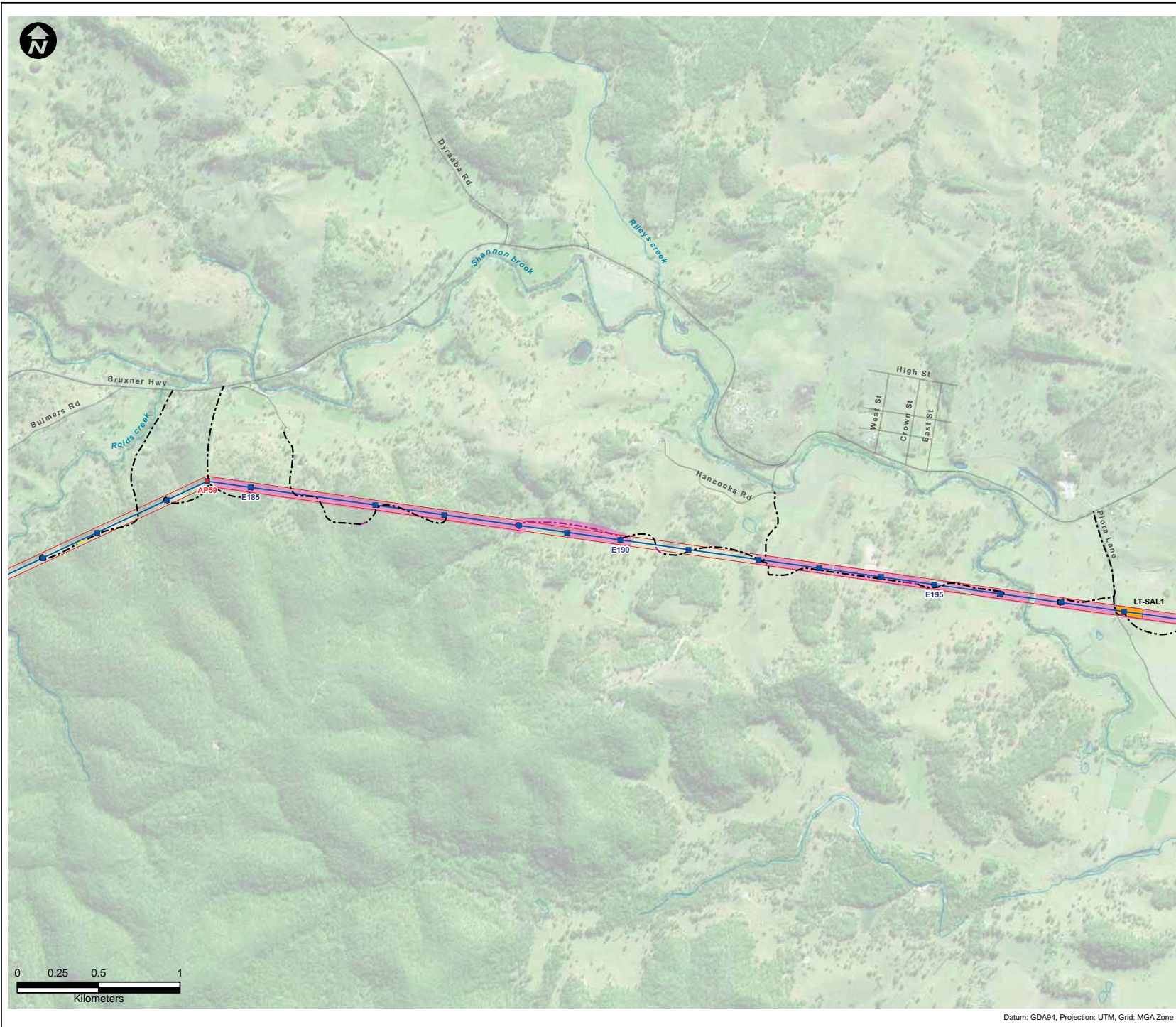
Historic Sites

- Isolated Find
- Modified Tree
- Open Site
- Open Site with Potential Archaeological Deposit
- Potential Archaeological Deposit
- Resource Procurement Site
- Historic Site

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Project FAR NORTH NSW (DUMARESQ - LISMORE 330kV TRANSMISSION LINE) PROJECT		
Title HERITAGE FEATURES		
Figure: Heritage 26		



LEGEND:

- Proposed 330kV Angle Positions (Indicative)[^]
- Proposed 330kV Structure Locations (Indicative)[^]
- Proposed 330kV Centreline[^]
- Proposed 330kV Easement[^]
- Substation/Switching Station
- Roads
- Waterways

Access Tracks:

- Category 1*
- Category 2**
- Category 3***
- Creek Crossing (New)
- Creek Crossing (Upgrade Required)
- Sensitive Archaeological Landform
- Surveyed Areas

Indigenous Records

- Isolated Find
- Modified Tree
- Open Site
- Open Site with Potential Archaeological Deposit
- Potential Archaeological Deposit
- Resource Procurement Site

Historic Sites

- Historic Site

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Map of NSW and QLD

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Project FAR NORTH NSW (DUMARESQ - LISMORE 330kV TRANSMISSION LINE) PROJECT		
Title HERITAGE FEATURES		
Figure: Heritage 27		



LEGEND:

- Proposed 330kV Angle Positions (Indicative)[^]
- Proposed 330kV Structure Locations (Indicative)[^]
- Proposed 330kV Centreline[^]
- Proposed 330kV Easement[^]
- Substation/Switching Station
- Roads
- Waterways

Access Tracks:

- Category 1*
- Category 2**
- Category 3***
- Creek Crossing (New)
- Creek Crossing (Upgrade Required)
- Sensitive Archaeological Landform
- Surveyed Areas

Indigenous Records

- Isolated Find
- Modified Tree
- Open Site
- Open Site with Potential Archaeological Deposit
- Potential Archaeological Deposit
- Resource Procurement Site

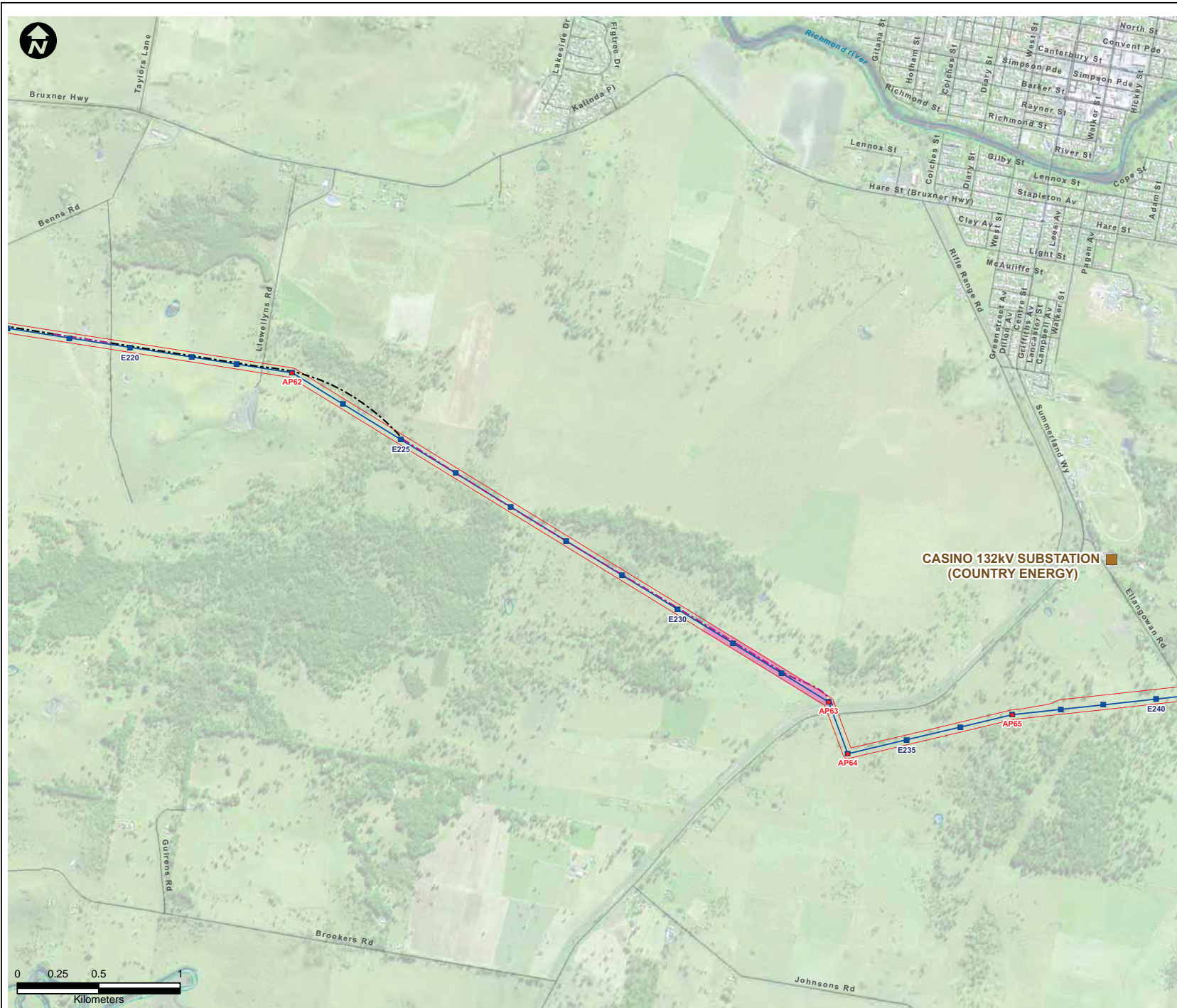
Historic Sites

- Historic Site

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Client TransGrid		
Project FAR NORTH NSW (DUMARESQ - LISMORE 330kV TRANSMISSION LINE) PROJECT		
Title HERITAGE FEATURES		
Figure: Heritage 28		



LEGEND:

- Proposed 330kV Angle Positions (Indicative)[^]
- Proposed 330kV Structure Locations (Indicative)[^]
- Proposed 330kV Centreline[^]
- Proposed 330kV Easement[^]
- Substation/Switching Station
- Roads
- Waterways

Access Tracks:

- Category 1*
- Category 2**
- Category 3***
- Creek Crossing (New)
- Creek Crossing (Upgrade Required)
- Sensitive Archaeological Landform
- Surveyed Areas

Indigenous Records

- Isolated Find
- Modified Tree
- Open Site
- Open Site with Potential Archaeological Deposit
- Potential Archaeological Deposit
- Resource Procurement Site

Historic Sites

- Historic Site

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QLD
VIC
NSW
RICHMOND VALLEY
TENTERFIELD
LISMORE
CASINO

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Project FAR NORTH NSW (DUMARESQ - LISMORE 330kV TRANSMISSION LINE) PROJECT		
Title HERITAGE FEATURES		
Figure: Heritage 29		

Datum: GDA94, Projection: UTM, Grid: MGA Zone 56



LEGEND:

- Proposed 330kV Angle Positions (Indicative)[^]
- Proposed 330kV Structure Locations (Indicative)[^]
- Proposed 330kV Centreline[^]
- Proposed 330kV Easement[^]
- Substation/Switching Station
- Roads
- Waterways

Access Tracks:

- Category 1*
- Category 2**
- Category 3***
- Creek Crossing (New)
- Creek Crossing (Upgrade Required)
- Sensitive Archaeological Landform
- Surveyed Areas

Indigenous Records

- Isolated Find
- Modified Tree
- Open Site
- Open Site with Potential Archaeological Deposit
- Potential Archaeological Deposit
- Resource Procurement Site

Historic Sites

- Historic Site

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Client TransGrid		
Project FAR NORTH NSW (DUMARESQ - LISMORE 330kV TRANSMISSION LINE) PROJECT		
Title HERITAGE FEATURES		
Figure: Heritage 30		



LEGEND:

- Proposed 330kV Angle Positions (Indicative)^
- Proposed 330kV Structure Locations (Indicative)^
- Proposed 330kV Centreline^
- Proposed 330kV Easement^
- Substation/Switching Station
- Roads
- Waterways

Access Tracks:

- Category 1*
- Category 2**
- Category 3***
- Creek Crossing (New)
- Creek Crossing (Upgrade Required)
- Sensitive Archaeological Landform
- Surveyed Areas

Indigenous Records

- Isolated Find
- Modified Tree
- Open Site
- Open Site with Potential Archaeological Deposit
- Potential Archaeological Deposit
- Resource Procurement Site

Historic Sites

- Historic Site

*Category 1 : Minimal work required. This would include removal of surface obstacles and/or minor upgrades to existing tracks (i.e. resurfacing, widening etc). Some imported sand and gravel may be required.
**Category 2: Earth works required. Construction of tracks through flat or undulating timbered/rocky areas where existing tracks do not exist. These can range from tracks required over flat plains country, or involve the formation of tracks after cut and fill, rock removal and/or levelling. Newly constructed Category 2 access tracks would typically be topped with approved gravel. Access tracks would be appropriately compacted and graded and included drainage in the direction of the cross fall to ensure tracks could be maintained and erosion impacts from run off minimised.
***Category 3 : Earth works required in wet or swampy areas. Typically construction would require excavation of unstable material, drainage works and the import of rock material. This rock would be placed upon a geotextile material to provide a stable surface to facilitate the movement of required construction plant and equipment.

Symbols and lines used in this figure are indicative and are not intended to reflect actual size of represented features.
Symbols and lines have been enhanced to aid visibility.
Source: Aerial Imagery from TransGrid 2009,
^ TransGrid 2010

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Title HERITAGE FEATURES		
Figure: Heritage 31		

Datum: GDA94, Projection: UTM, Grid: MGA Zone 56

Appendix 5: Maps showing the survey methodology for the easement survey

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Maps are available for inspection but are not reproduced here to protect landholder privacy.

Appendix 6: Maps showing the survey methodology for the Access tracks surveys.

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