

NORTHERN TERRITORY OF AUSTRALIA

Pastoral Land Act 1992 – section 85A(1)

CONSENT TO NON-PASTORAL USE ACTIVITY

PERMIT NUMBER: NPU20/02

DESCRIPTION OF THE LAND SUBJECT OF THE PERMIT

N.T. Portion 7348

Daly River Road

Perpetual Pastoral Lease No. 1222 – Tipperary East Station

APPROVED PURPOSE

To use and develop the land for the purpose of non-pastoral use, being agricultural crops (i.e. sorghum, corn, soybeans and cotton) ("the Non-Pastoral Use Activity"), in accordance with the attached Schedule of Conditions and the Endorsed Plans.

TERM OF PERMIT

Commencing on the Date of this Permit and expiring on the Expiry Date, subject to the Schedule of Conditions.

EXTENTION OF TERM OF PERMIT

The permit holder may apply to the Pastoral Land Board for an extension of the Term of this Permit, provided that:

- (i) The Permit Holder Substantially Commenced the Non-Pastoral Use Activities within the Commencement Period; and
- (ii) The application for extension is submitted to the Pastoral Land Board in the approved form at least one (1) year before the Expiry Date.

The Pastoral Land Board may, at its absolute discretion, grant or reject the request, or grant the request subject to conditions.

Date of Permit: 31 July 2020



Julie Ross
Chairman, Pastoral Land Board

DEFINITIONS

In this Permit:

“Commencement Period” means the period of two (2) years from the Date of Permit.

“Endorsed Plan/Drawing” means any plan subject to the conditions of the permit that has been endorsed by the Board as forming part of this permit.

“Expiry Date” means the period of thirty (30) years from the Date of Permit.

“Non-Pastoral Use Activity” means the use described by the Approved Purpose.

“Pastoral Lessee” has the same meaning as in the *Pastoral Land Act 1992*.

“Permit Holder/s” means the Pastoral Lessee.

“Substantially Commenced” and **“Substantially Commence”** means not less than 10% of the total activity subject to this Permit has commenced.

SCHEDULE OF CONDITIONS

Conditions Precedent

1. Prior to commencement of works the *Environment Management Plan for Non-pastoral Use Activities on Tipperary East Station 2020* (EMP) should be amended as per Annexure 1 to the satisfaction of the Pastoral Land Board. The EMP is to include a process for adaptive management and continued improvement consistent with the framework outlined in AS/NZS ISO 14001:2016 or as updated from time to time.
2. Prior to the commencement of works in any area with a higher erosion risk, as identified in the EMP required at Condition Precedent 1, an Erosion and Sediment Control Plan (ESCP) must be submitted to and approved by the Department of Environment and Natural Resources to the satisfaction of the Pastoral Land Board; and an endorsed copy of the plan will form part of this permit.

The ESCP should be submitted via email to PastoralAssessment.DENR@nt.gov.au. The plan should detail methods and treatments for minimising erosion and sediment loss from the site during the clearing, establishment and operational phases of the development (including early works). Erosion and sediment control information is available on the Northern Territory Government website at <https://nt.gov.au/environment/soil-land-vegetation> and the International Erosion Control Association (IECA) Australasia website <https://www.austieca.com.au/>. For further advice, contact the Land Development Coordination Branch: (08) 8999 4454.

3. Prior to the commencement of works in areas with higher erosion risk, outside the area identified in Condition Precedent 2, an ESCP of an equivalent standard to that approved in accordance with Condition Precedent 2 should be developed for implementation prior to commencement of works.

4. Prior to the commencement of works a Weed Spread Prevention Plan (WSPP) must be submitted to and approved by the Department of Environment and Natural Resources to the satisfaction of the Pastoral Land Board; and an endorsed copy of the plan will form part of this permit. The WSPP should be submitted via email to PastoralAssessment.DENR@nt.gov.au. The plan should detail how weed spread to, from and within the permitted NPU extent will be mitigated during commencement and operational phases. For further advice, contact the Weed Management Branch: (08) 8999 4567.
5. The Transport and Civil Services Division, Department of Infrastructure, Planning and Logistics requests that an Operational Traffic Management Plan (detailing access routes, vehicle types and other relevant matters, including a risk assessment) be submitted to the Director Corridor Management for consideration prior to commencement of the Non-Pastoral Use Activity. Quote TCSD Project no. 2018-0101. Contact (08) 8924 7104 for further details.

General Conditions

1. The Permit Holder must ensure that all activities and works subject to this Permit are carried out in accordance with the approved Non-Pastoral Use Activity plans – i.e. the Endorsed Drawings (Drawings Numbered **NPU-TPE-001** to **NPU-TPE-015**) – which form part of this permit and are annexed hereto; to the satisfaction of the Pastoral Land Board.
2. The following plans are to be endorsed by the Pastoral Land Board and will form part of this permit and must be complied with by the Permit Holder at all times, to the satisfaction of the Pastoral Land Board:
 - a. Endorsed Drawings (Drawings Numbered **NPU-TPE-001** to **NPU-TPE-015**);
 - b. The *Environment Management Plan for Non-pastoral Use Activities on Tipperary East Station 2020 (as amended from time to time)* subject to Condition Precedent 1.
 - c. Erosion and Sediment Control Plan/s subject to Conditions Precedent 2 and 3.
 - d. The Weed Spread Prevention Plan subject to the Condition Precedent 4.
3. The Permit holder is wholly responsible for implementing the endorsed *Environment Management Plan for Non-pastoral Use Activities on Tipperary East Station 2020* approved at Condition Precedent 1 to a standard that is consistent with AS/NZS ISO 14001:2016 or as updated from time to time, and must ensure that all staff and contractors comply with all requirements of the Plan.
4. All works undertaken in areas of higher erosion risk, as identified in the EMP required at Condition Precedent 1, must be undertaken in accordance with the relevant ESCP at Conditions Precedent 2 and 3 to the requirements of the Pastoral Land Board. Should any endorsed ESCP, or risk mitigation strategies therein, need to be amended, the revised ESCP must be submitted to and approved by the Department of Environment and Natural Resources, and an endorsed copy of the plan will form part of this permit. The ESCP should be submitted via email to PastoralAssessment.DENR@nt.gov.au. For further advice, contact the Land Development Coordination Branch: (08) 8999 4454.

5. Appropriate erosion and sediment control measures are to be employed throughout the establishment phases of the development, to the satisfaction of the Pastoral Land Board, including (but not limited to): retention of buffer zones where appropriate and measures to address seasonal timing of works, management of groundwater and minimisation of bare ground, crop layout and maintenance of natural sheet flow patterns, avoidance or removal of soil windrows or other surface modifications that create concentrated flow paths for runoff, and installation of erosion controls on access tracks, fencelines and firebreaks where appropriate. Information regarding erosion and sediment control is available on the NT Government website at: <https://nt.gov.au/enviroment/soil-land-vegetation>.
6. The Permit Holder is required to submit to the Pastoral Land Board baseline water quality results from for at least 12 months (1 year) sampling from the date of this permit (or as agreed by the Pastoral Land Board) as outlined in the EMP for both ground and surface water, providing the locations and dates of all sampling. Water quality reports must be provided in line with the EMP and should clearly state the laboratory detection limits for all parameters. The lowest possible detection limit should be sought (noting this limit will be dependent on the laboratory used).
7. An annual fee for this Permit may be payable by the Permit Holder in accordance with section 85D of the *Pastoral Land Act 1992* from the date of this Permit and continuing throughout the Term (and any extension of the Term), in accordance with notices issued by the Pastoral Land Board from time to time.
8. This Permit is subject to the Permit Holder's ongoing compliance with its obligations under the pastoral lease.
9. The Pastoral Land Board may immediately suspend or revoke this Permit by written notice to the Permit Holder if the Permit Holder breaches any condition of this Permit.

NOTES

1. Despite any term or condition of this Permit, the Permit Holder must at its own cost in all respects, comply with all relevant laws, statutes and subordinate instruments, applicable to the Non-Pastoral Use Activity including but not limited to the following:
 - a) *Weeds Management Act 2001*;
 - b) *Bushfires Management Act 2016*;
 - c) *Water Act 1992*;
 - d) *Territory Parks and Wildlife Conservation Act 1976*;
 - e) *Northern Territory Aboriginal Sacred Sites Act 1989*;
 - f) *Heritage Act 2011*;
 - g) *Environment Protection Act 2019*;
 - h) *Waste Management and Pollution Control Act 1998*;
 - i) *Environment Protection and Biodiversity Conservation Act 1999 (Cth)*.
2. This Permit is at all times subject to existing rights, title and interests of all other persons (including any rights or interests registered on the certificate of title). The Permit Holder must comply with all terms and conditions of such existing rights, title and interests. The Permit Holder must not unreasonably or unduly interfere with, impede, restrict or limit the rights, title or interests of any person.

3. The Permit will be revoked automatically upon the:

- a. Termination of the pastoral lease; or
- b. Surrender of the pastoral lease.

For the avoidance of doubt, a transfer of the pastoral lease does not revoke this Permit.

- 4. Despite assessments made under Northern Territory legislation, the Commonwealth *Environment Protection and Biodiversity Conservation Act 1999* requires that the proponent self-assess potential risk to protected matters identified by the protected matters search tool and self-refer where scientific uncertainty exists in relation to the likelihood of a significant impact occurring or being likely to occur.
- 5. The extraction of surface water or groundwater in connection with the activities contemplated under this Permit must be carried out in accordance with the requirements of the *Water Act 1992*. For advice on water matters, contact the Water Resources Division on (08) 8999 4455 or via email at waterresources@nt.gov.au.
- 6. Information regarding best practice erosion and sediment control is available on the following websites: <https://www.austieca.com.au/>; <https://nt.gov.au/environment/soil-land-vegetation>; <http://www.catchmentsandcreeks.com.au/index.html>. For further information, contact the Land Development Coordination Branch, Department of Environment and Natural Resources on (08) 8999 4454.
- 7. All land in the Northern Territory is subject to the *Weeds Management Act 2001*. The Act states that the owner and occupier of land must: (a) take all reasonable measures to prevent the land being infested with a declared weed; (b) take all reasonable measures to prevent a declared weed or potential weed on the land spreading to other land. Further information is provided at: https://denr.nt.gov.au/_data/assets/pdf_file/0011/257987/preventing-weed-spread.pdf.
- 8. The Permit Holder is advised that it is an offence to disturb or destroy declared places and objects without consent under the *Heritage Act 2011*. Should any heritage or archaeological material be discovered during the clearing operation, the Permit Holder must cease operation and telephone the Heritage Branch on (08) 8999 5036.
- 9. Under the *Northern Territory Aboriginal Sacred Sites Act 1989*, entry onto and carrying out of work on Aboriginal sacred sites is an offence unless the work is done in accordance with an Authority Certificate issued by the Aboriginal Areas Protection Authority (AAPA). It is the responsibility of the Permit Holder to ensure that all Non-Pastoral Use Activity complies with the requirements of this Act; and AAPA recommends the Permit Holder obtain an Authority Certificate. For further information email enquiries.aapa@nt.gov.au or refer to <https://www.aapant.org.au/>.
- 10. The Permit Holder is notified that there are statutory obligations under the *Waste Management and Pollution Control Act 1998* (the Act), that require all persons to take all measures that are reasonable and practicable to prevent or minimise pollution or environmental harm and reduce the amount of waste. The proponent is required to comply at all times with the Act, including the General Environmental Duty under section 12 of the Act. Guidelines to assist proponents to avoid environmental impacts are available on the Northern Territory Environment Protection Authority website at <https://ntepa.nt.gov.au/waste-pollution/guidelines/guidelines>. For advice telephone (08) 8924 4218.

ANNEXURE 1 of NPU20/02

Amendments to the Environmental Management Plan (EMP)

- Incorporate references to adaptive management and implementation in a manner that is consistent with the framework outlined in AS/NZS ISO 14001:2016, which will become conditioned as forming part of this permit.
- Included further content in section 6.1.2 of the EMP that commits to determining areas of higher erosion risk and the preparation and implementation of an ESCP for those specific areas. Site specific controls and monitoring strategies, in addition to the general land management practices identified in the soil conservation strategy, will be required in these areas.
- Update commitments to weed management by stipulating that: “Prior to 30 June 2022, the *Environment Management Plan for Non-pastoral Use Activities on Tipperary East Station 2020* will be updated to include a dedicated supplementary Weed Management Plan, Weed Spread Prevention Program and a detailed Fire Management Plan which will be informed by a baseline survey for priority declared weeds.
- Complete the following amendments:

#	Topic	Section	Comment	Amendment
1	Riparian vegetation monitoring	Item 4 in Table 3 of Section 7	Monitoring and response table had assumed Rangeland Monitoring Officers would be conducting vegetation assessment.	Remove reference to Rangeland Monitoring Officers. Performance indicator to be amended to recognise riparian and aquatic ecosystem health (plant health and species composition).
2	Data interpretation	App. E S3.1.2 S3.2.2	Water quality at 8 surface water sites will be measured on 3 occasions in the Wet season and once in the late Dry. Interpretation of results will be confounded by inter- and intra- annual variability in flow. Concentration of any parameter will depend on flow volume at time of sampling. Accordingly, some attempt should be made to either record flow at the time of sampling, or to standardise sampling by flow conditions.	Flow monitoring will be conducted (taking into account advice regarding ‘Data interpretation’).
3	Methodology for measuring toxicants	App. E S3.3	Passive samplers for pesticides/herbicides may be useful especially where background levels are suspected to be exceedingly low and detection is the key objective. Passive samplers may not be suitable where the objective is to quantify change over time.	Amend to include methodology.

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#	Topic	Section	Comment	Amendment
4	Detection limits	App. E S3.4	Consideration needs to be given to appropriate detection limits for all parameters. Selecting detection limits well below guideline values will permit tracking in change through time and early warning of changes from low-levels, rather than simply answer the question 'does value exceed guideline values'.	Include: Lowest detection limit should be sought for water quality parameters where feasible.
5	Flow monitoring	1.1 and 3.3.1	Contradictory statements are made in the two sections about whether flow will be monitored or not. - <i>Clarify whether flow monitoring will be conducted.</i>	Flow monitoring will be conducted (taking into account advice at 'Data interpretation' (refer line 2)).
6	Groundwater monitoring sites	3.1.1, Table 1, Figure 2	Bore RN06457 is not shown on the map. Bore RN26101 is west of the Homestead NPU. It is unclear if this is up or down gradient of the NPU. If the former, then it is not likely to be useful for impact monitoring. - <i>Clarify locations of monitoring bores.</i>	RN06457 to be put on map. Bore RN26101 has approx. elevation of 100m versus 77m in Homestead paddock and 60m in Townsend, therefore up gradient. Propose to remove this as a monitoring site. Inclusion of an appropriate alternative monitoring bore will be investigated and included if appropriate.

ANNEXURE 1 of NPU20/02

#	Topic	Section	Comment	Amendment
7	Surface water monitoring site	3.1.2, Table 2, Figure 3	Some of the proposed monitoring site locations are not appropriate to detect water quality impacts from the proposal. GAU is on an intermittent stream very far upstream of the NPUs. A site on the permanent section of Green Ant Creek (outside Tipperary East property) may be more appropriate. GAM: Choose an impact site further upstream on Green Ant Creek closer to the Honeymoon NPU. DRU: unlikely to show impacts from potential groundwater contamination originating from Blain area due to location on the upstream edge of the Oolloo aquifer. DRM and DRD: while these are in the Daly River SOCS, they are unlikely to show early impacts from the Proposal. Monitoring of GAD and perhaps another site on the Douglas River upstream of its confluence with the Daly should provide sufficient early warning of impacts and would be a more efficient use of resources - <i>Reconsider monitoring locations with allocation of resources to likely impact locations.</i>	Monitoring locations to be reconsidered accordingly when updating the EMP.
8	Monitoring frequency	3.2	The proposed monitoring frequency is adequate. No information is provided as to the timing of commencement of monitoring. - <i>Commence monitoring prior to development of the NPUs to allow detection of change over time and determination of whether any impacts are associated with the new activities.</i>	Commence monitoring prior to development of NPU. Update Section 3.2 of the WQMP.
9	Trees to be planted in raised beds with grassed inter-row	EMP S6.3.1	Raised beds will concentrate runoff. Appropriate row alignment will be an important factor in reducing erosion risk (e.g. same design principles as per graded banks – to prevent scouring and / or ponding and blow-outs leading to gully erosion). Cover letter says “Where raised beds are used, row alignment will be considered and grassed inter-row. Erosion risk is considered low in these areas”. The EMP has not been amended to address appropriate design of row alignment. (Nb. Forestry practices on low slopes elsewhere in the Daly without appropriate row alignment has resulted in erosion).	Update EMP to state that erosion will be considered in row design for new horticultural plantings.

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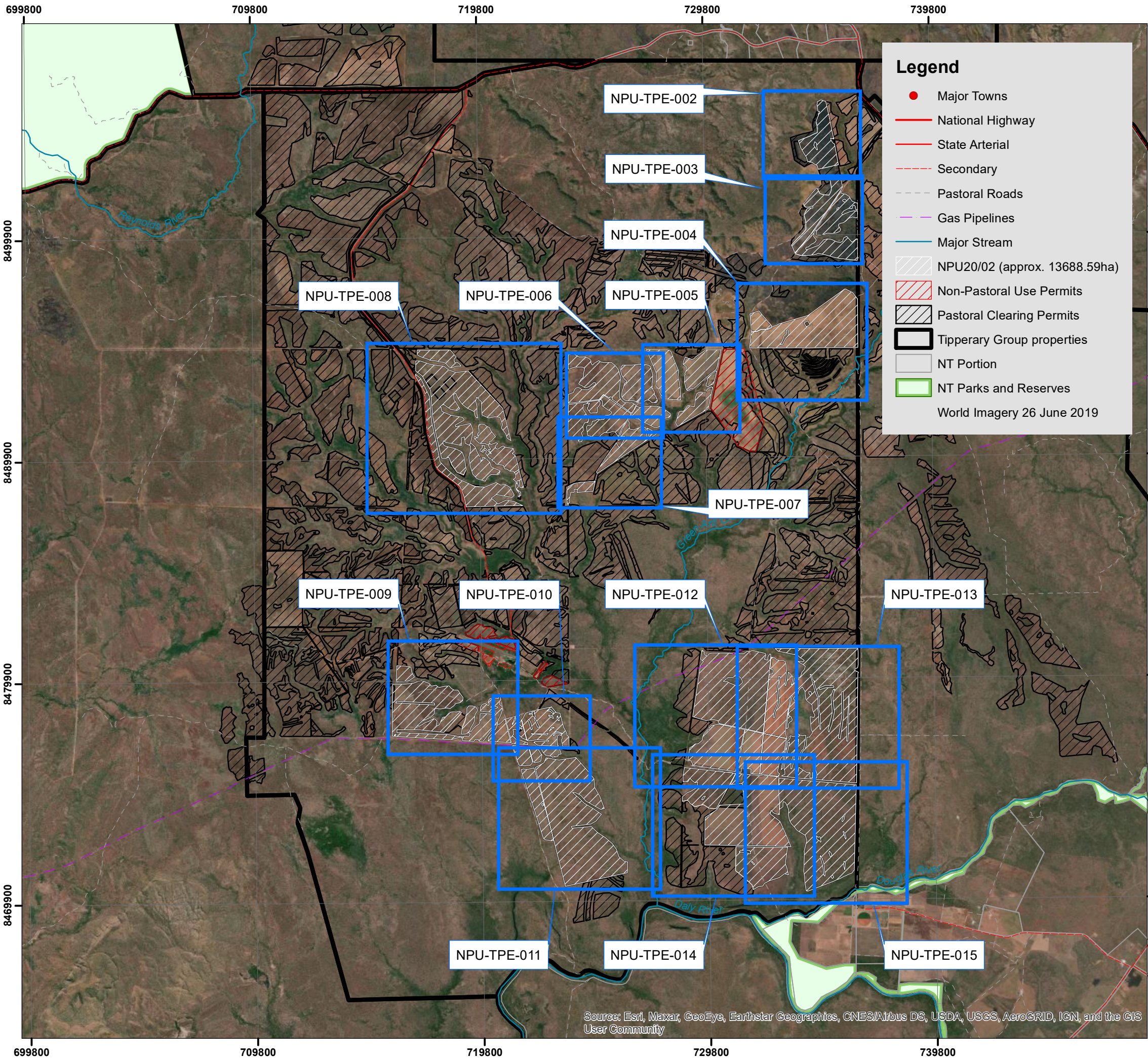
#	Topic	Section	Comment	Amendment
10	Table 3, Item 1	EMP S7	<p>No details provided with regard to visual inspection of paddocks and photo monitoring of erosion risk areas (e.g. location and frequency) (1 June 2020).</p> <p>Recommend additional text added stating <i>“Visual inspection of paddocks for evidence of erosion will be undertaken monthly through November to March, when erosion risk is High to Extreme... <u>When an area of high erosion risk is identified during the inspections, a photo monitoring point will be established for the purposes of monitoring changes overtime”</u></i>.</p> <p>Insufficient detail provided regarding method.</p> <p>Areas of high risk should be known and identified as part of ESCP preparation (not identified during monitoring – this is when active erosion will be identified).</p> <p>Monitoring should occur weekly during Monsoon conditions; and where erosion is identified (and remediated).</p>	<p>Insert “Further content in section 6.1.2 of the EMP that commits to determining areas of higher erosion risk and the preparation of ESCP etc.</p> <p>Weekly monitoring will occur during Monsoon conditions’; and</p> <p>Monitoring of any identified active erosion will occur weekly.</p>
11	Calculation of Erosion Hazard has used slope length of 200m	App B 4.1.6	<p>In a broad acre context, a 200m slope length is relatively short. Therefore impact on risk is likely to be higher. There is a long history in the Daly of significant erosion occurring on slopes ~1%, due in part to long slope length. Important to acknowledge this.</p> <p>Cover letter states <i>“Noted... However the key point is that the proposed land management approach would have a lower erosion hazard than the existing situation.”</i> Management practices should reduce likelihood of erosion occurring; however soil loss calculations are comparative/indicative only (not accurate) and values are likely to be greater than indicated – making appropriate management all the more important. The EMP should acknowledge limitations of the method.</p>	EMP to be updated to acknowledge limitations of the method.
12	Table 5-2 states debris to be raked into contour windrows	App B S5.	Not supported. Table 5-2 states “Woody debris raked into perpendicular windrows”. This is meaningless. Should state “...windrows perpendicular to the contour”.	EMP to be updated to clarify that windrows should be perpendicular to the contour.

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#	Topic	Section	Comment	Amendment
13	Whoa boy construction to dispose runoff to level undisturbed area with high level groundcover	App B S5.8.1	Where not possible to deliver runoff to level, undisturbed area with high groundcover, option to construct a level sill. Refer to NTG Tech Note No. 8 - Diversion Banks <i>Recommend Text added to EMP states "Where it is not possible to deliver runoff to a level, undisturbed area with high groundcover, an alternative will be to construct a level sill".</i> <i>No explanation, example or diagrams have been provided (update).</i>	Update EMP to identify the additional NTG resources and include appropriate diagram/s.
14	Additional NTG Resources	References	Cover letter states "Noted" but these resources have not been identified in the EMP. They may be of critical relevance to future plan implementers and should be listed (in particular the NTG Tech Notes).	Update EMP to identify the additional NTG resources.
15	Clearing is generally conducted during the Dry Season	App C S3.2.2	Not supported. Best practice clearing methods involve felling vegetation when soil moisture is optimal (usually at start or end of Wet season) to avoid excessive soil disturbance and achieve a 'clean pull' (clearing when soil moisture is too dry will cause roots to snap and increase incidence of regrowth). <i>Cover letter states "not considered relevant to the current application, given no further clearing is required"</i> However some clearing of regrowth will likely be required and clearing during the Dry season is not best practice.	Update EMP to acknowledge best practice of clearing at the start or end of the wet season when soil moisture is optimal. This will include deleting reference to dry season clearing in the Weed Management Plan.
16	Absence of work method statements		The applicant might consider preparing Work Method Statements to assist their officers in undertaking necessary monitoring / management / works effectively to ensure environmental impacts are avoided.	Noting that SOP's for surface water sampling and groundwater sampling are included in the WQMP within the EMP, TGS agrees to consider preparing Work Method Statements as per the recommendation.

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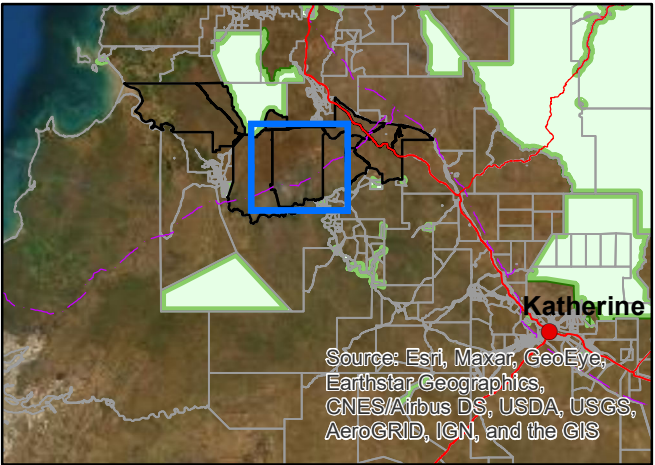
#	Topic	Section	Comment	Amendment
17	Weed management	App C	An appropriate format and date for baseline weed mapping/survey and spread prevention completion to be supplied on the advice of the Weed Management Branch, DENR	Insert: "Prior to 30 June 2022, the EMP for NPU on Tipperary East Station 2020 will be updated to include a dedicated supplementary WMP, WSPP and a detailed FMP which will be informed by a baseline survey for priority declared weeds"
18	Weed management	App C	A dedicated supplementary Weed Management Plan (WMP) for the EMP (by an agreed time, but before 2025 as stated in existing Weed Management Plan)	
19	Weed management	App C	A detailed Fire Management Program (FMP) that reduces the potential for weed spread and increases in density, particularly given the development proposed for Tipperary West.	
20	Weed management	App C	A Weed Spread Prevention Program (WSPP) that specifically addresses intended development (clearing and non-pastoral use) works and on-going use	



Endorsed Drawing

Tipperary East, PPL 1222 NT Portion 7348

Applicant - Tom Polkinghorne on behalf of
Branir Pty Ltd and Booloomani Corporation



0 25 50 100 km

Drawing No: NPU-TPE-001 referred to in

Permit No: NPU20/02 issued by

The Pastoral Land Board on: 31/07/2020

Julie Ross, Chairman, Pastoral Land Board



0 2.5 5 10 km

Projection: Universal Transverse Mercator (UTM)
Map Grid of Australia (MGA), Zone 52
Horizontal Datum: Geocentric Datum of Australia (GDA94)

DATA SOURCE:
Endorsed Clearing Areas: Department of Environment
and Natural Resources
Cadastre/Roads/Placenames:
Department of Infrastructure, Planning and Logistics

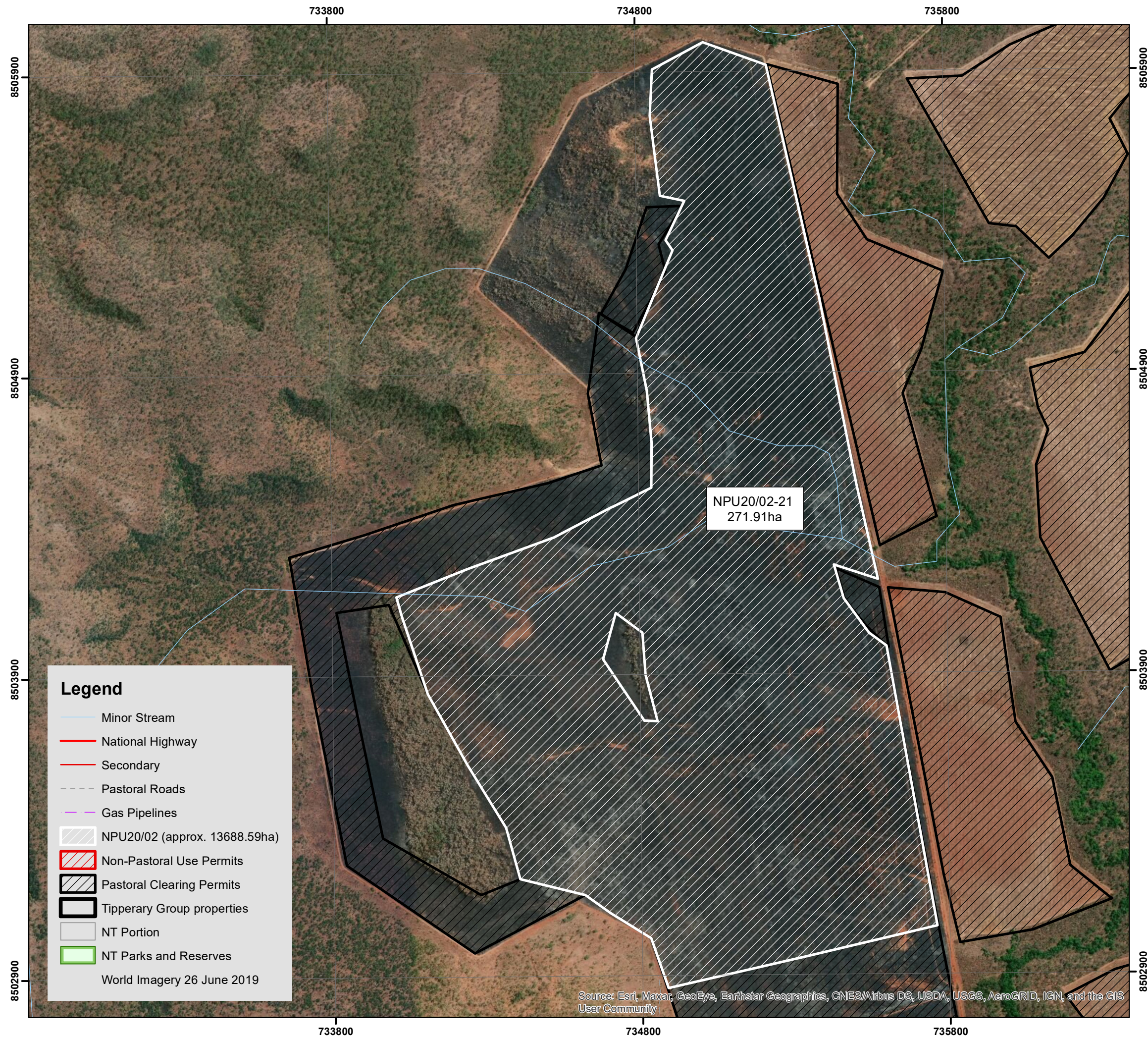


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Department of Environment and Natural Resources
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Map compiled: 27/07/2020





Legend

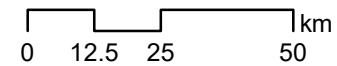
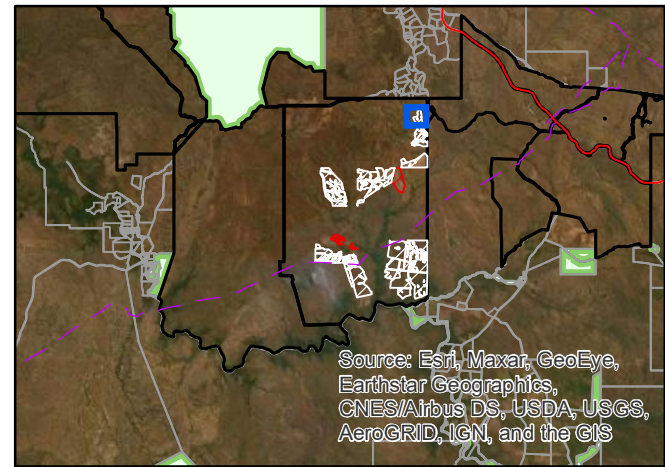
- Minor Stream
- National Highway
- Secondary
- Pastoral Roads
- Gas Pipelines
- NPU20/02 (approx. 13688.59ha)
- Non-Pastoral Use Permits
- Pastoral Clearing Permits
- Tipperary Group properties
- NT Portion
- NT Parks and Reserves

World Imagery 26 June 2019

Endorsed Drawing

Tipperary East, PPL 1222 NT Portion 7348


Applicant - Tom Polkinghorne on behalf of
Branir Pty Ltd and Booloomani Corporation



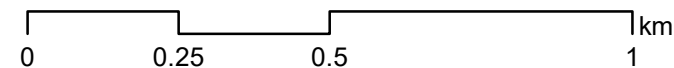
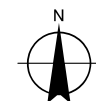
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Permit No: **NPU20/02** issued by

The Pastoral Land Board on: **31/07/2020**



Julie Ross, Chairman, Pastoral Land Board



Projection: Universal Transverse Mercator (UTM)
Map Grid of Australia (MGA), Zone 52
Horizontal Datum: Geocentric Datum of Australia (GDA94)

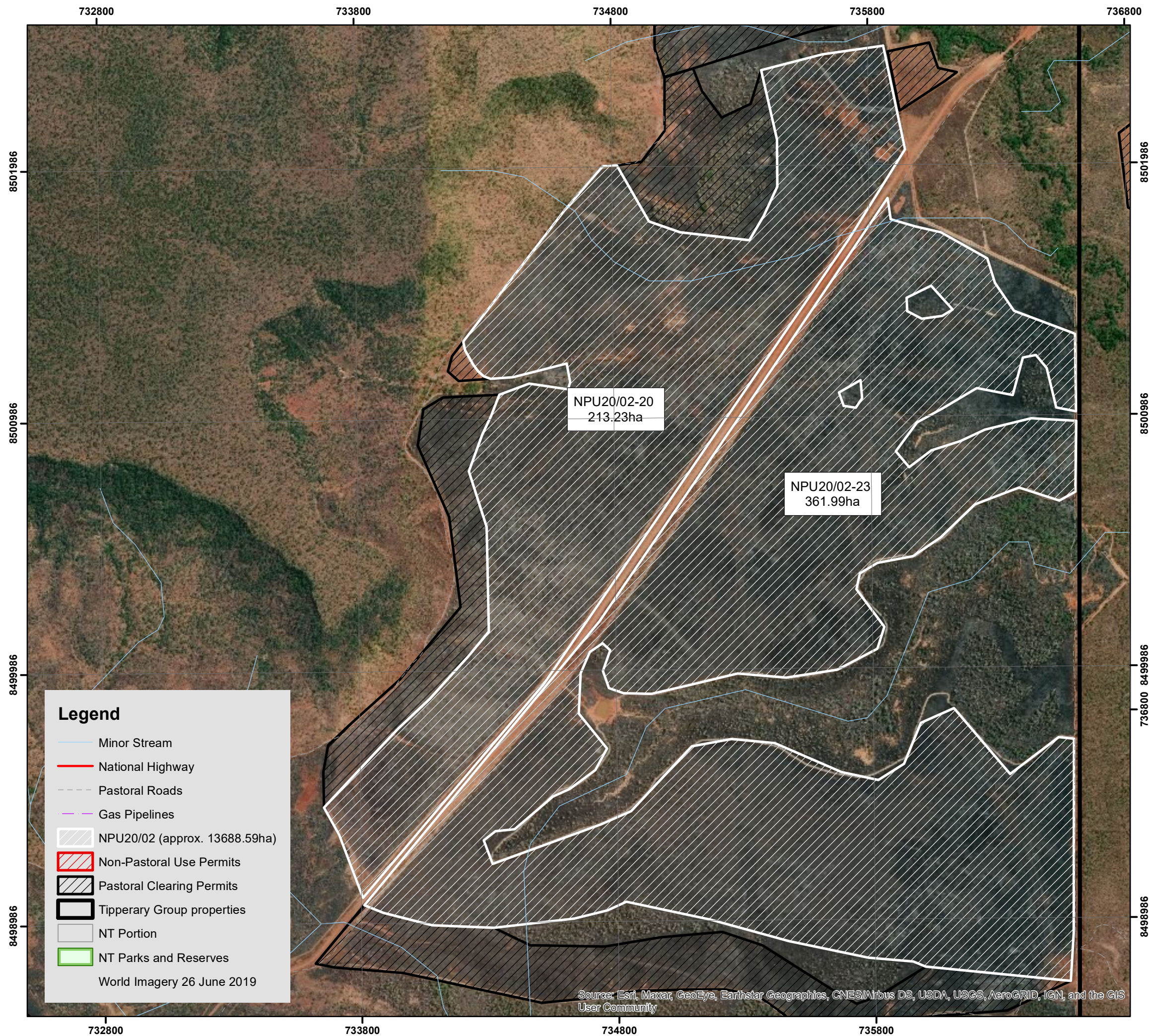
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and Natural Resources
Cadastral/Roads/Placenames:
Department of Infrastructure, Planning and Logistics



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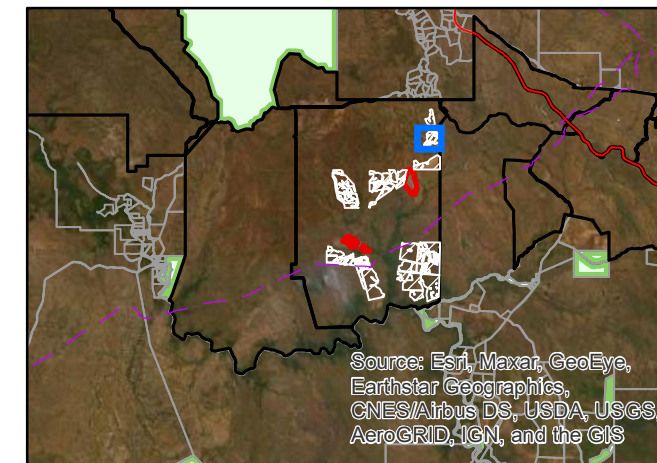


Endorsed Drawing

Tipperary East, PPL 1222

NT Portion 7348

Applicant - Tom Polkinghorne on behalf of
Branir Pty Ltd and Booloomani Corporation



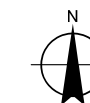
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Drawing No: **NPU-TPE-003** referred to in

Permit No: **NPU20/02** issued by

The Pastoral Land Board on: **31/07/2020**

Julie Ross, Chairman, Pastoral Land Board



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Projection: Universal Transverse Mercator (UTM)
Map Grid of Australia (MGA), Zone 52
Horizontal Datum: Geocentric Datum of Australia (GDA94)

DATA SOURCE:
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and Natural Resources
Cadastral/Roads/Placenames:
Department of Infrastructure, Planning and Logistics

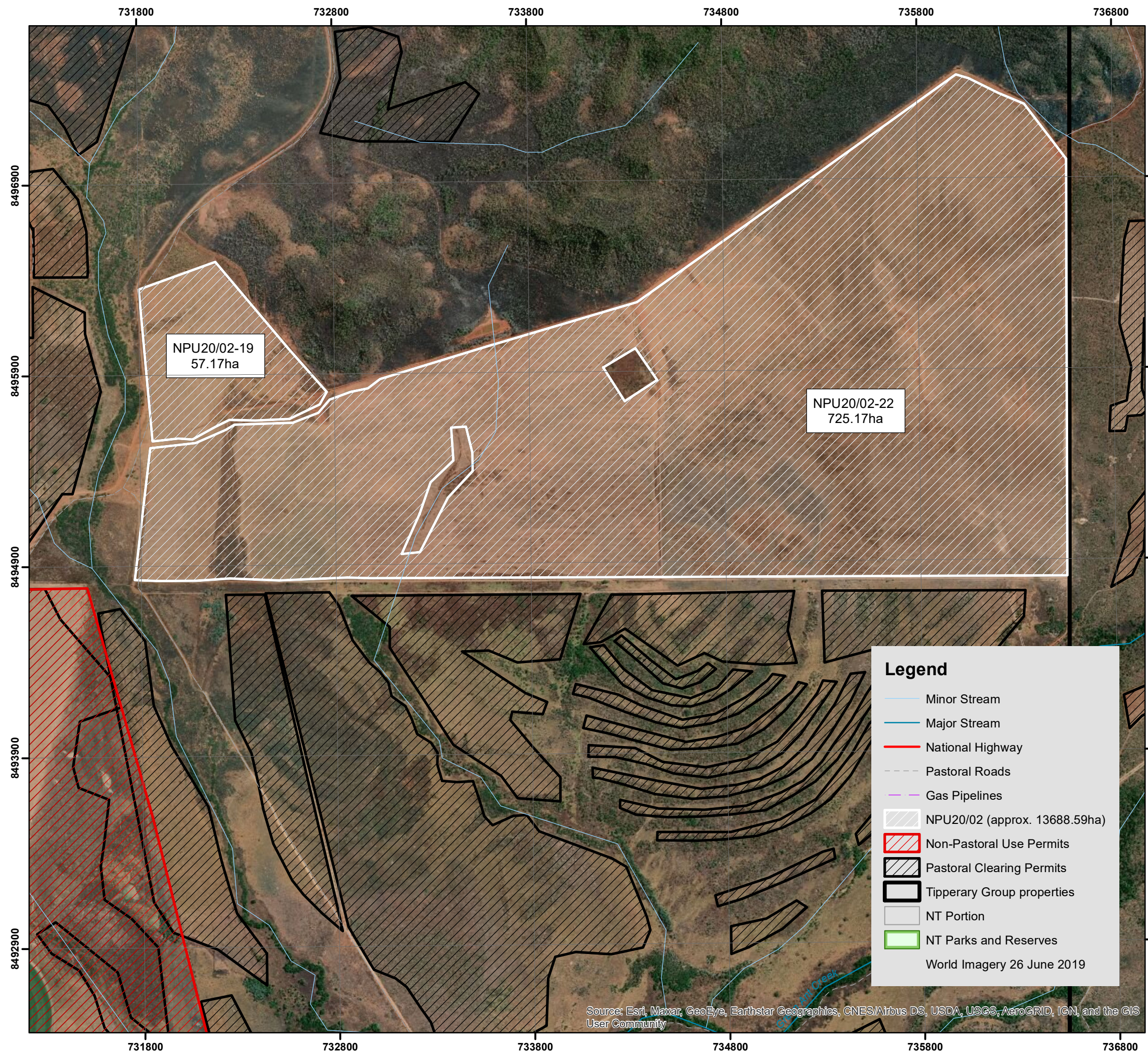


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Map compiled: 27/07/2020



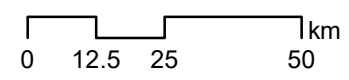
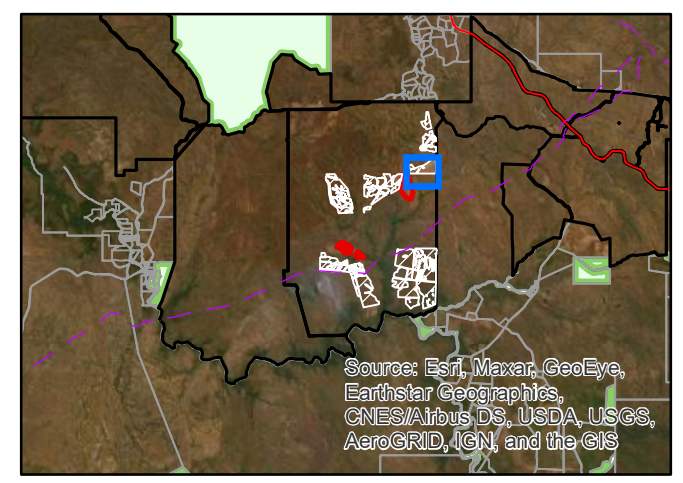


Endorsed Drawing

Tipperary East, PPL 1222

NT Portion 7348

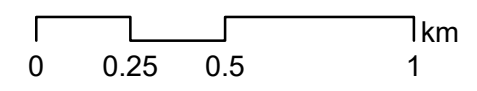
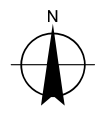
Applicant - Tom Polkinghorne on behalf of
Branir Pty Ltd and Booloomani Corporation



Drawing No: **NPU-TPE-004** referred to in
Permit No: **NPU20/02** issued by
The Pastoral Land Board on: **31/07/2020**

Julie Ross

Julie Ross, Chairman, Pastoral Land Board



Projection: Universal Transverse Mercator (UTM)
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Horizontal Datum: Geocentric Datum of Australia (GDA94)

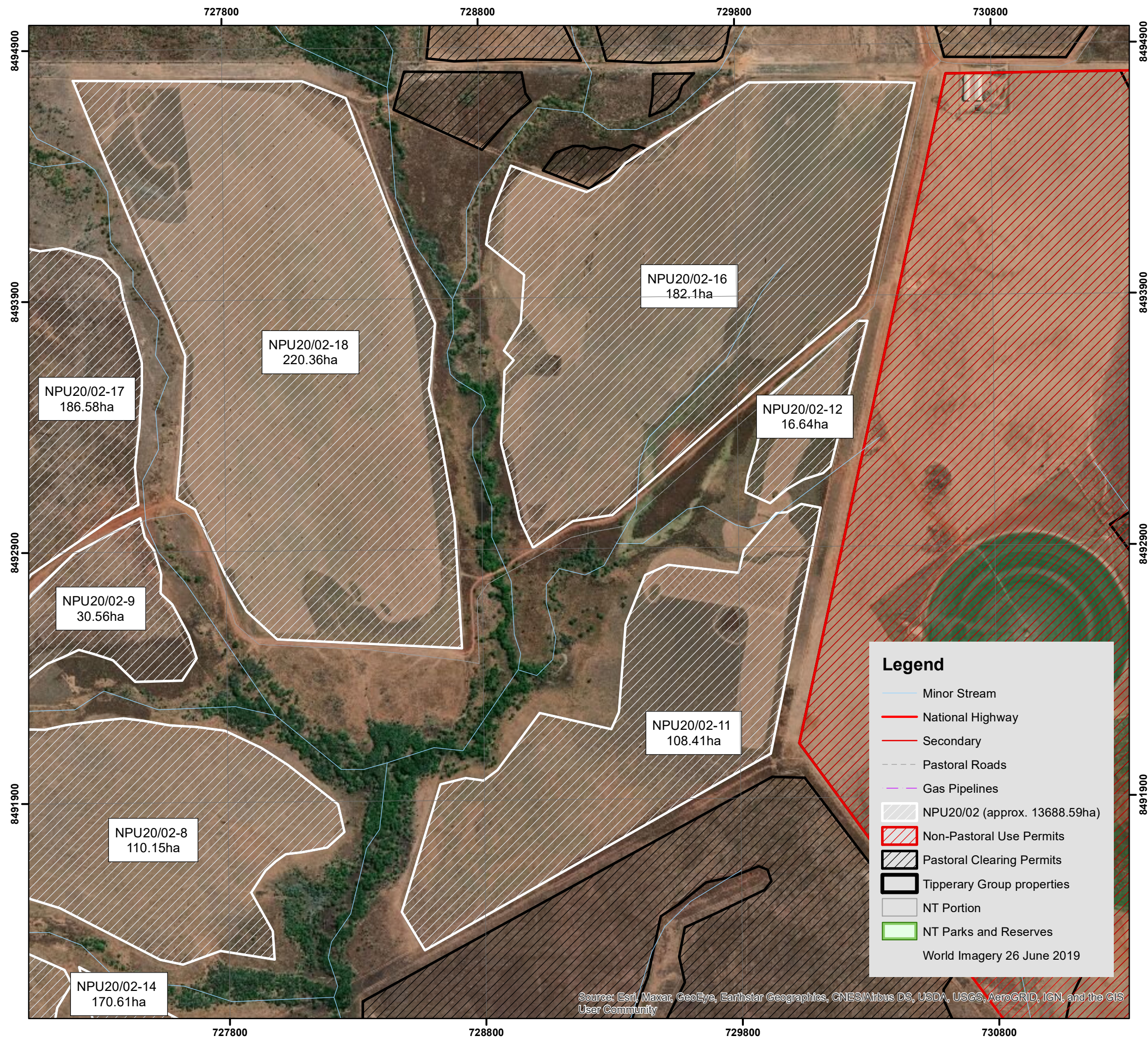
DATA SOURCE:
Endorsed Clearing Areas: Department of Environment and Natural Resources
Cadastre/Roads/Placenames: Department of Infrastructure, Planning and Logistics



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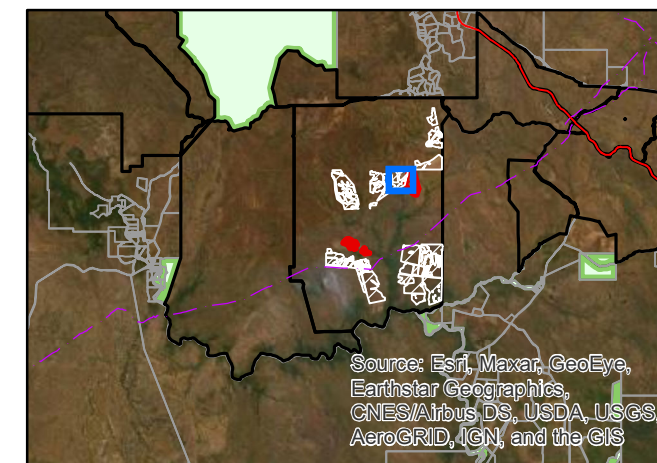




Endorsed Drawing

Tipperary East, PPL 1222 NT Portion 7348


Applicant - Tom Polkinghorne on behalf of
Branir Pty Ltd and Booloomani Corporation



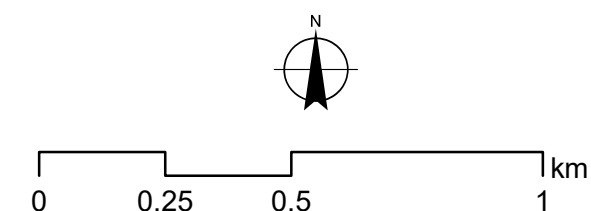
Drawing No: NPU-TPE-005 referred to in

Permit No: NPU20/02 issued by

The Pastoral Land Board on: 31/07/2020



Julie Ross, Chairman, Pastoral Land Board



Projection: Universal Transverse Mercator (UTM)
Map Grid of Australia (MGA), Zone 52
Horizontal Datum: Geocentric Datum of Australia (GDA94)

DATA SOURCE:
Endorsed Clearing Areas: Department of Environment
and Natural Resources
Cadastre/Roads/Placenames:
Department of Infrastructure, Planning and Logistics

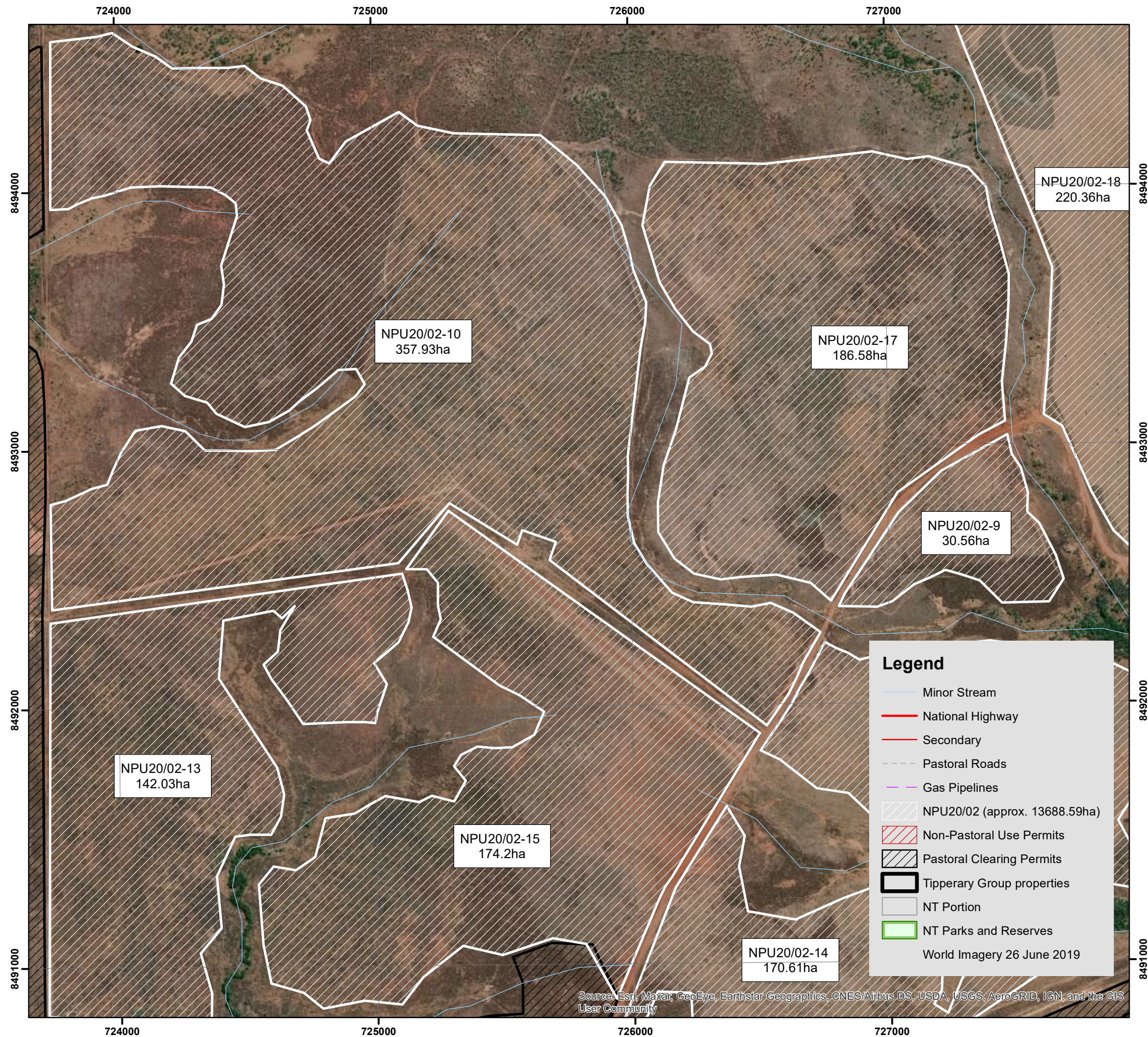


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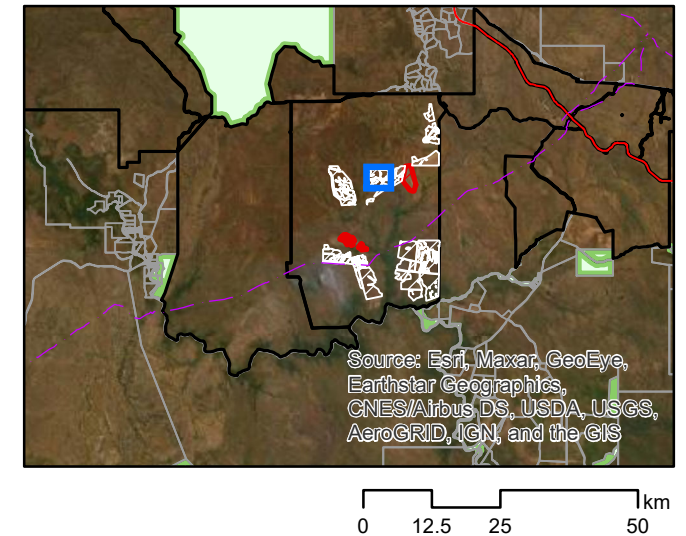


Endorsed Drawing

Tipperary East, PPL 1222

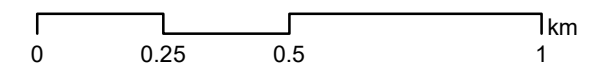
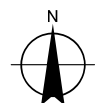
NT Portion 7348

Applicant - Tom Polkinghorne on behalf of
Branir Pty Ltd and Booloomani Corporation



Drawing No: **NPU-TPE-006** referred to in
Permit No: **NPU20/02** issued by
The Pastoral Land Board on: **31/07/2020**

Julie Ross, Chairman, Pastoral Land Board



Projection: Universal Transverse Mercator (UTM)
Map Grid of Australia (MGA), Zone 52
Horizontal Datum: Geocentric Datum of Australia (GDA94)

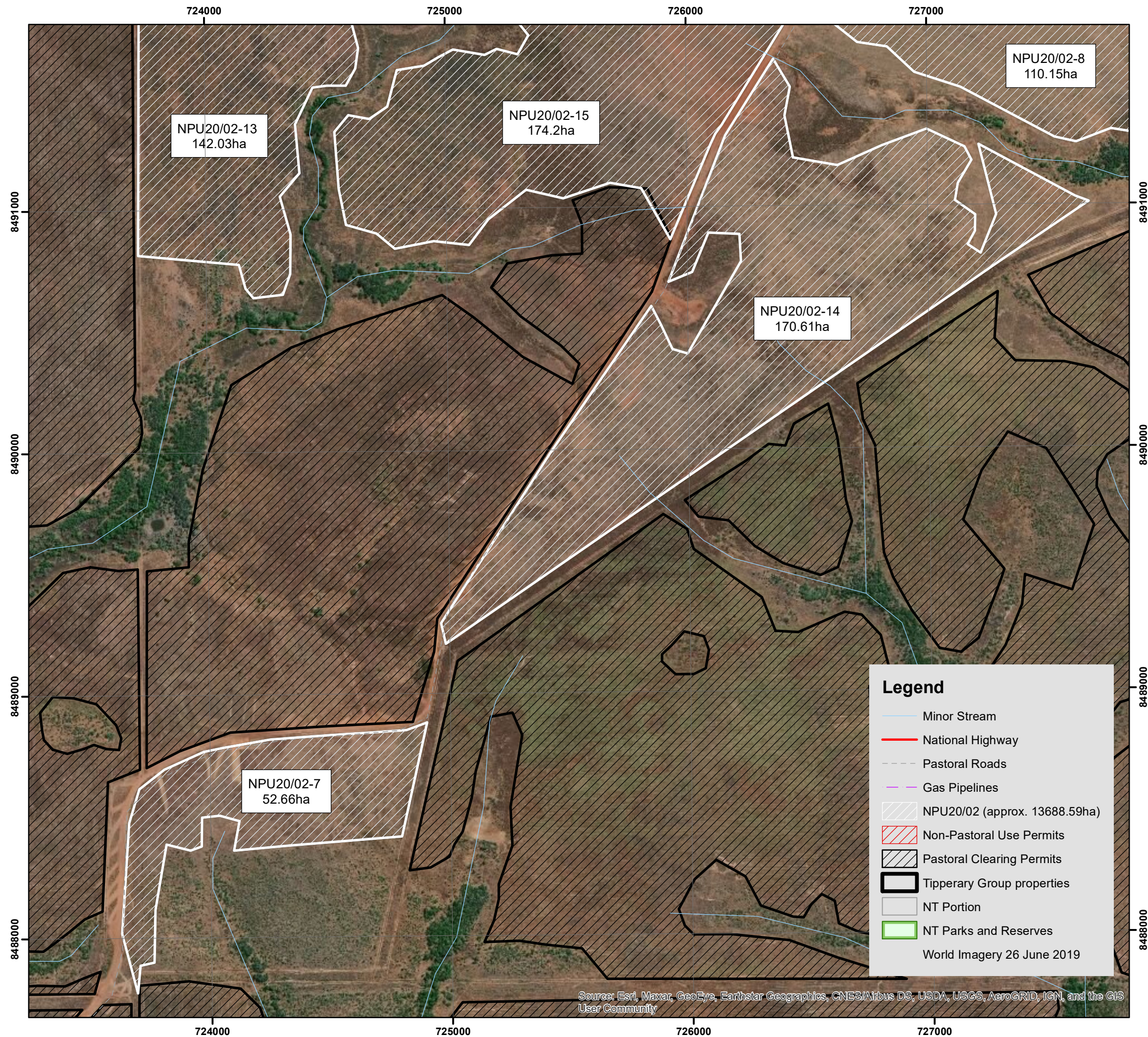
DATA SOURCE:
Endorsed Clearing Areas: Department of Environment
and Natural Resources
Cadastral/Roads/Placenames:
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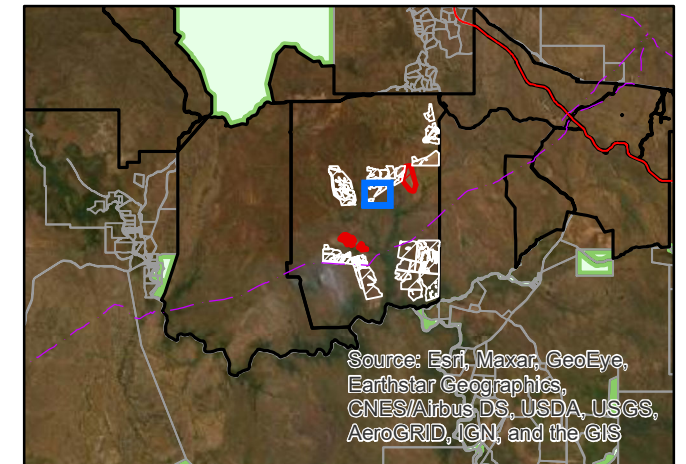


Endorsed Drawing

Tipperary East, PPL 1222

NT Portion 7348

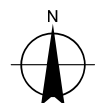
Applicant - Tom Polkinghorne on behalf of
Branir Pty Ltd and Booloomani Corporation



0 12.5 25 50 km

Drawing No: **NPU-TPE-007** referred to in
Permit No: **NPU20/02** issued by
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Julie Ross, Chairman, Pastoral Land Board



0 0.25 0.5 1 km

Projection: Universal Transverse Mercator (UTM)
Map Grid of Australia (MGA), Zone 52
Horizontal Datum: Geocentric Datum of Australia (GDA94)

DATA SOURCE:
Endorsed Clearing Areas: Department of Environment
and Natural Resources
Cadastre/Roads/Placenames:
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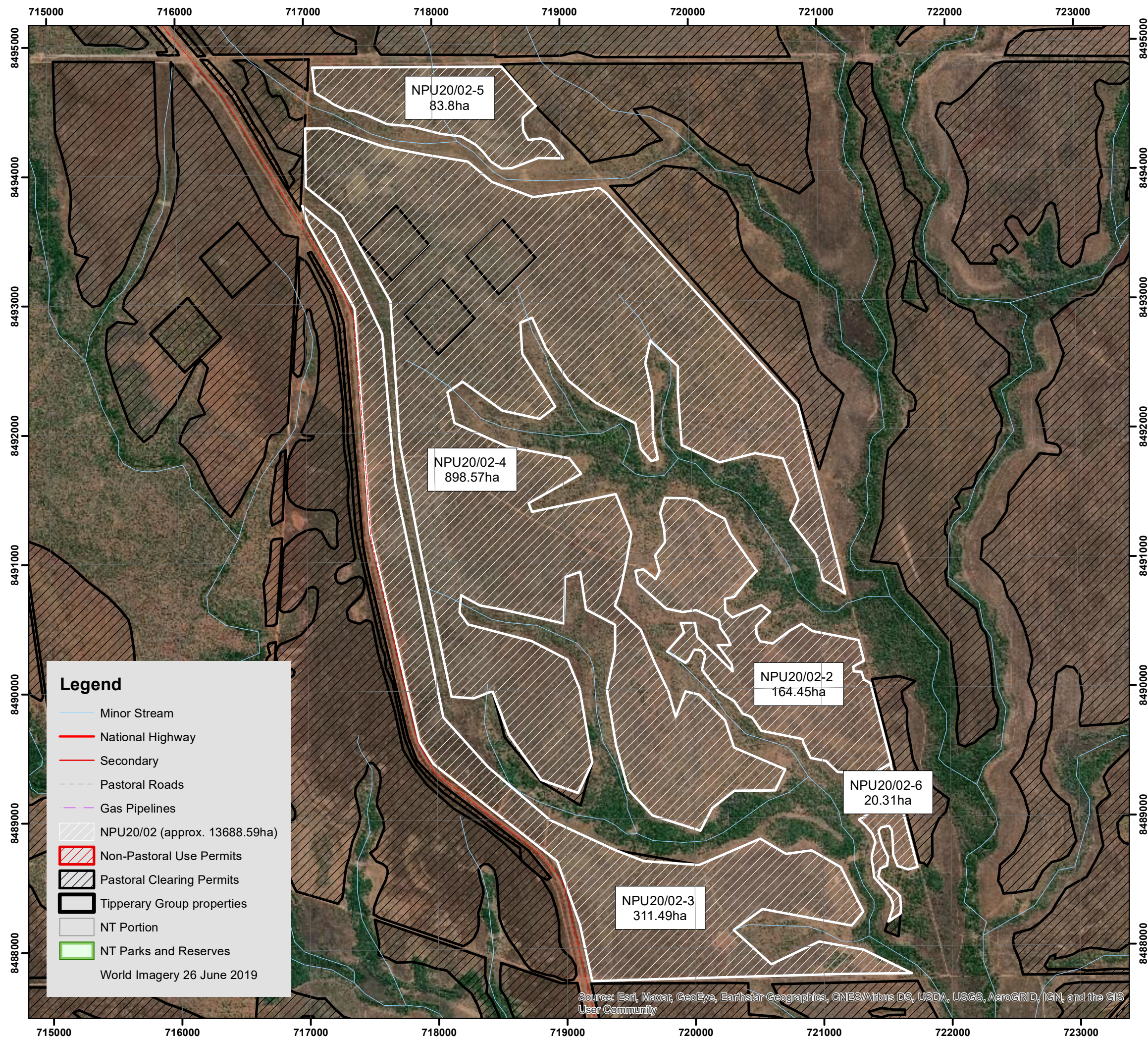


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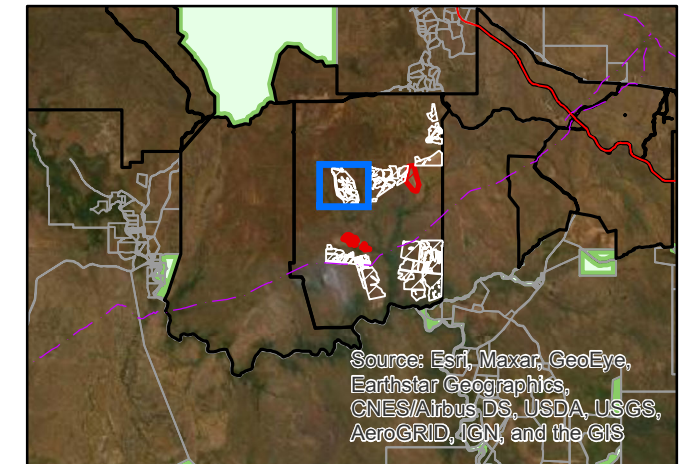


Endorsed Drawing

Tipperary East, PPL 1222

NT Portion 7348

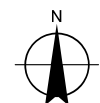
Applicant - Tom Polkinghorne on behalf of
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0 12.5 25 50 km

Drawing No: **NPU-TPE-008** referred to in
Permit No: **NPU20/02** issued by
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0 0.25 0.5 1 km

Projection: Universal Transverse Mercator (UTM)
Map Grid of Australia (MGA), Zone 52
Horizontal Datum: Geocentric Datum of Australia (GDA94)

DATA SOURCE:
Endorsed Clearing Areas: Department of Environment
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Cadastral/Roads/Placenames:
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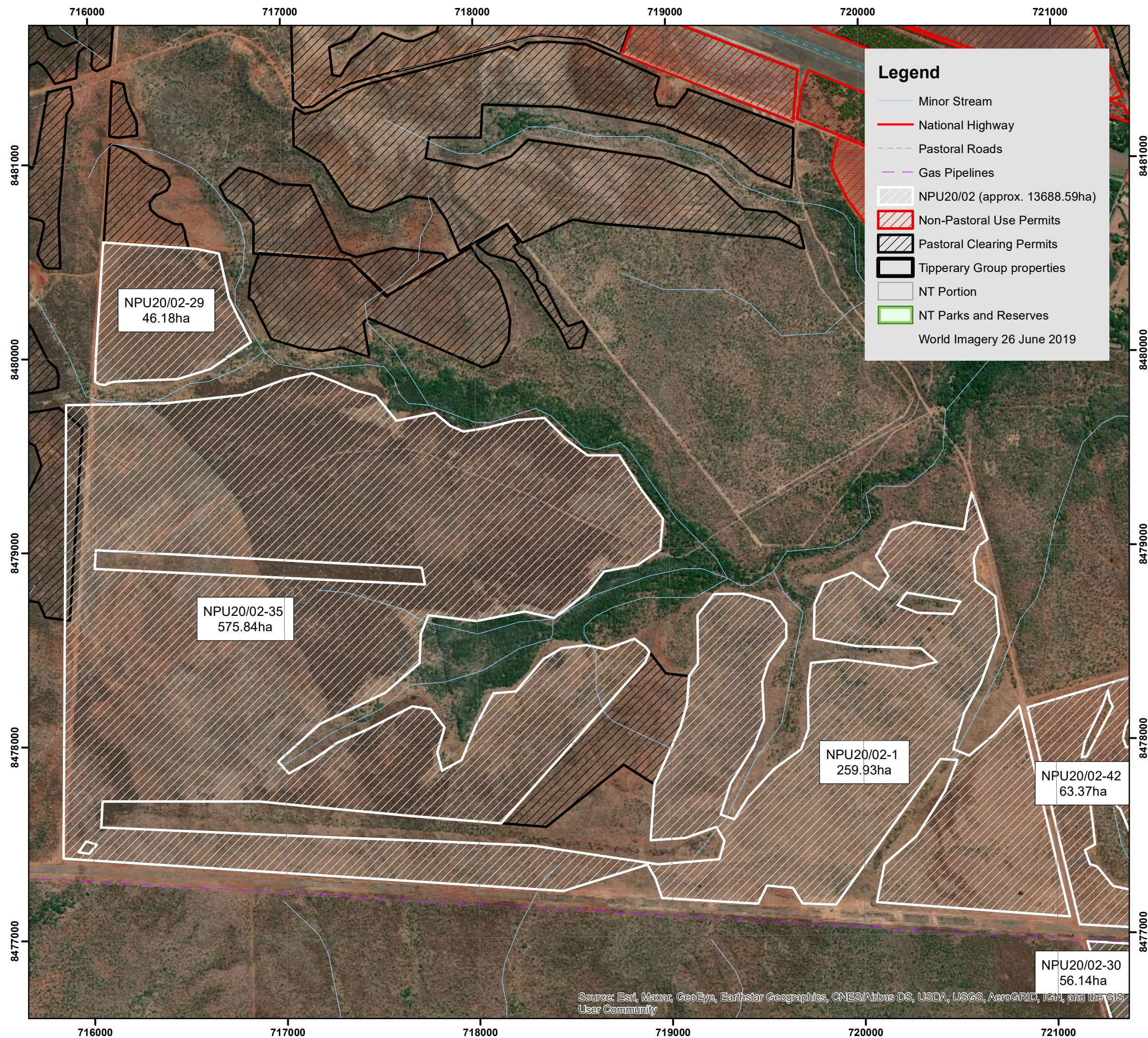


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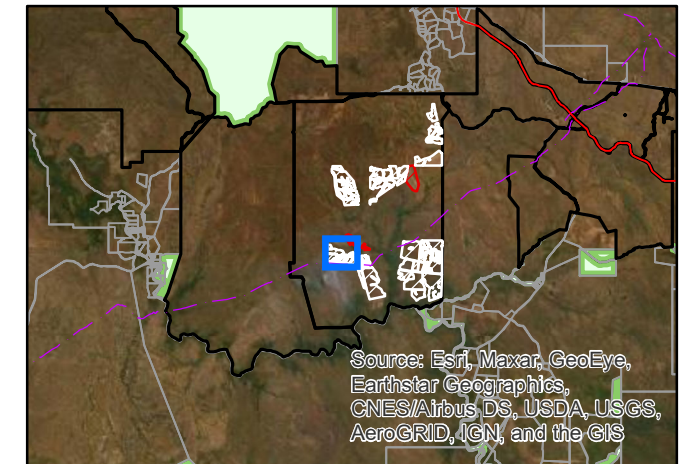


Endorsed Drawing

Tipperary East, PPL 1222

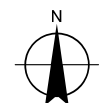
NT Portion 7348

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Drawing No: **NPU-TPE-009** referred to in
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Map Grid of Australia (MGA), Zone 52
Horizontal Datum: Geocentric Datum of Australia (GDA94)

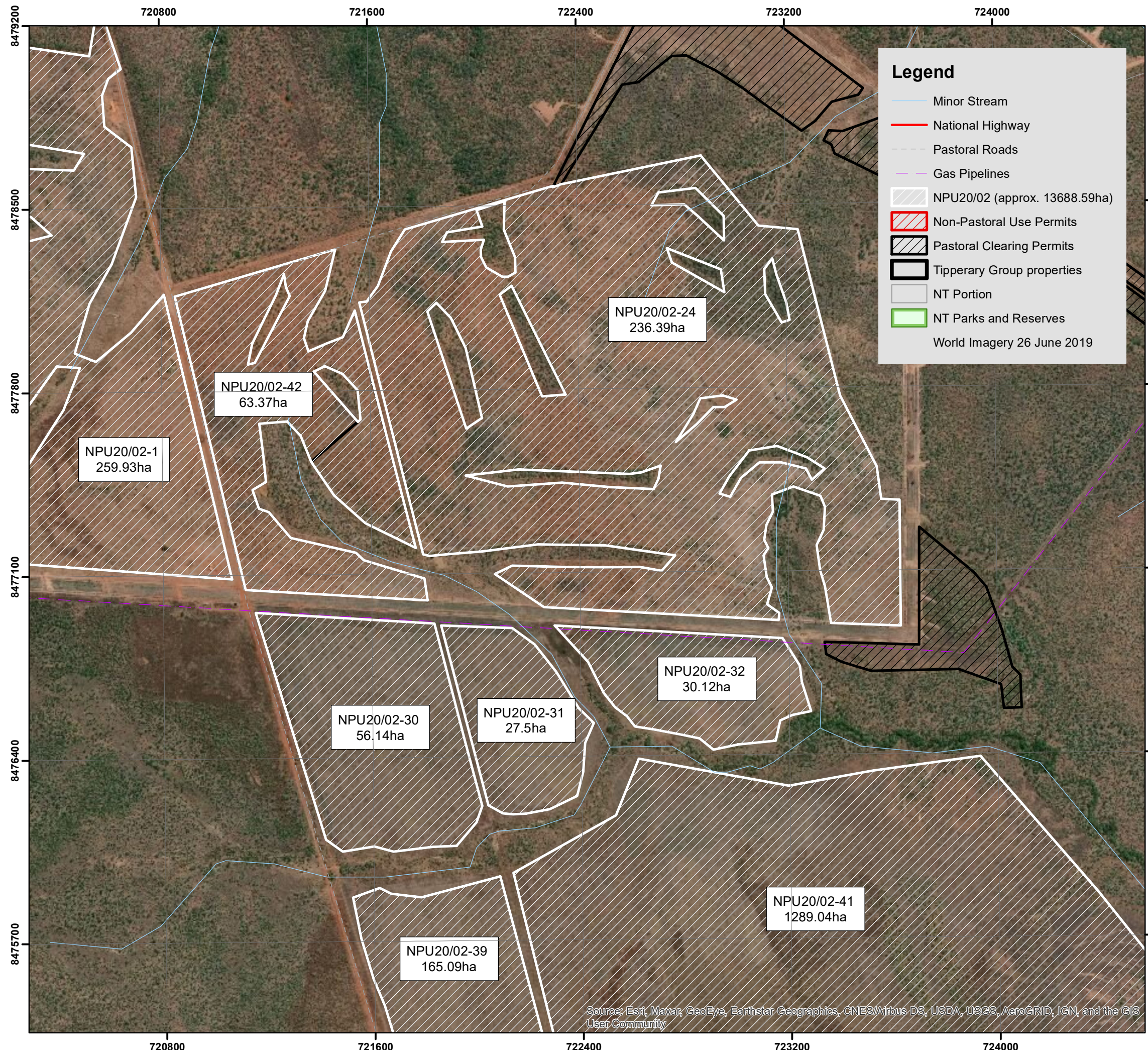
DATA SOURCE:
Endorsed Clearing Areas: Department of Environment
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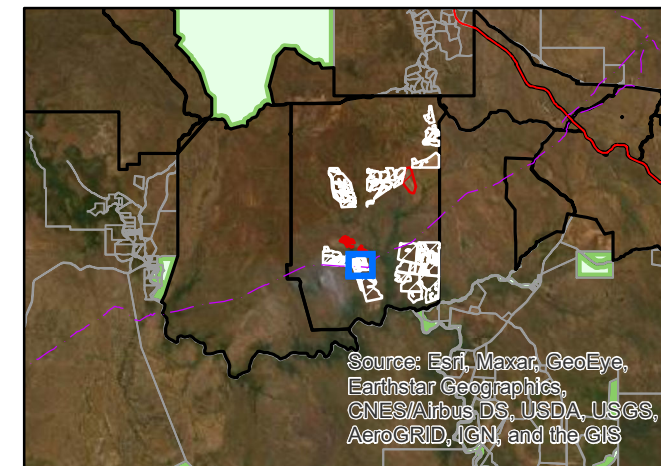


Endorsed Drawing

Tipperary East, PPL 1222

NT Portion 7348

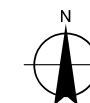
Applicant - Tom Polkinghorne on behalf of
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0 12.5 25 50 km

Drawing No: **NPU-TPE-010** referred to in
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0 0.25 0.5 1 km

Projection: Universal Transverse Mercator (UTM)
Map Grid of Australia (MGA), Zone 52
Horizontal Datum: Geocentric Datum of Australia (GDA94)

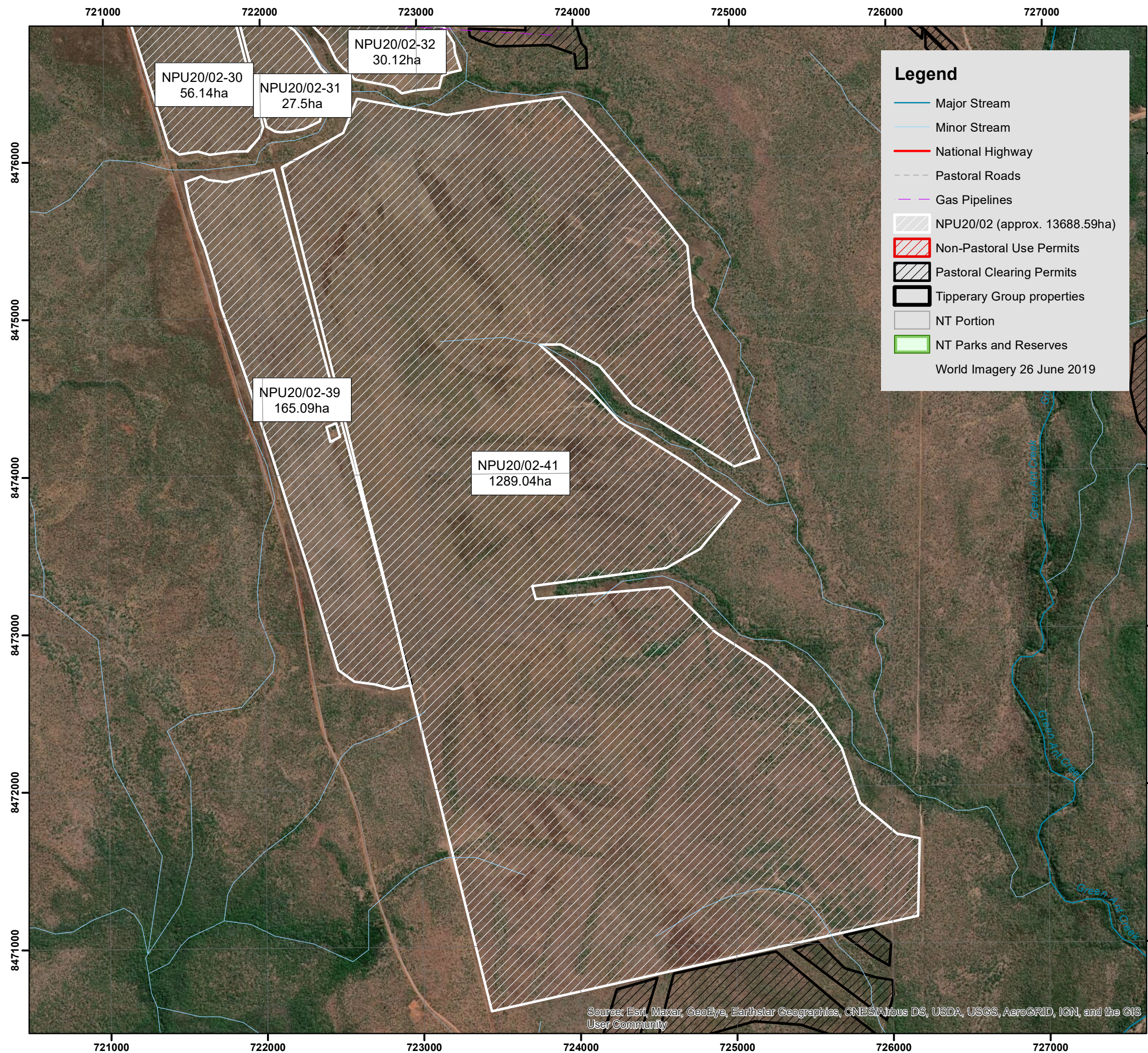
DATA SOURCE:
Endorsed Clearing Areas: Department of Environment
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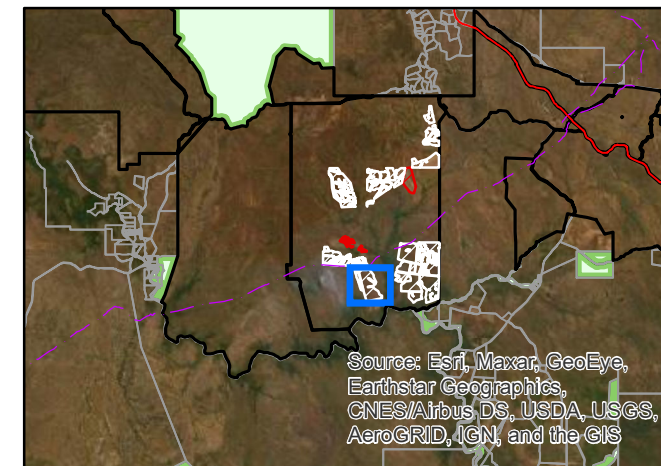




Endorsed Drawing

Tipperary East, PPL 1222 NT Portion 7348

Applicant - Tom Polkinghorne on behalf of
Branir Pty Ltd and Booloomani Corporation



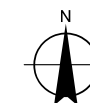
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Drawing No: **NPU-TPE-011** referred to in

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0 0.25 0.5 1 km

Projection: Universal Transverse Mercator (UTM)
Map Grid of Australia (MGA), Zone 52
Horizontal Datum: Geocentric Datum of Australia (GDA94)

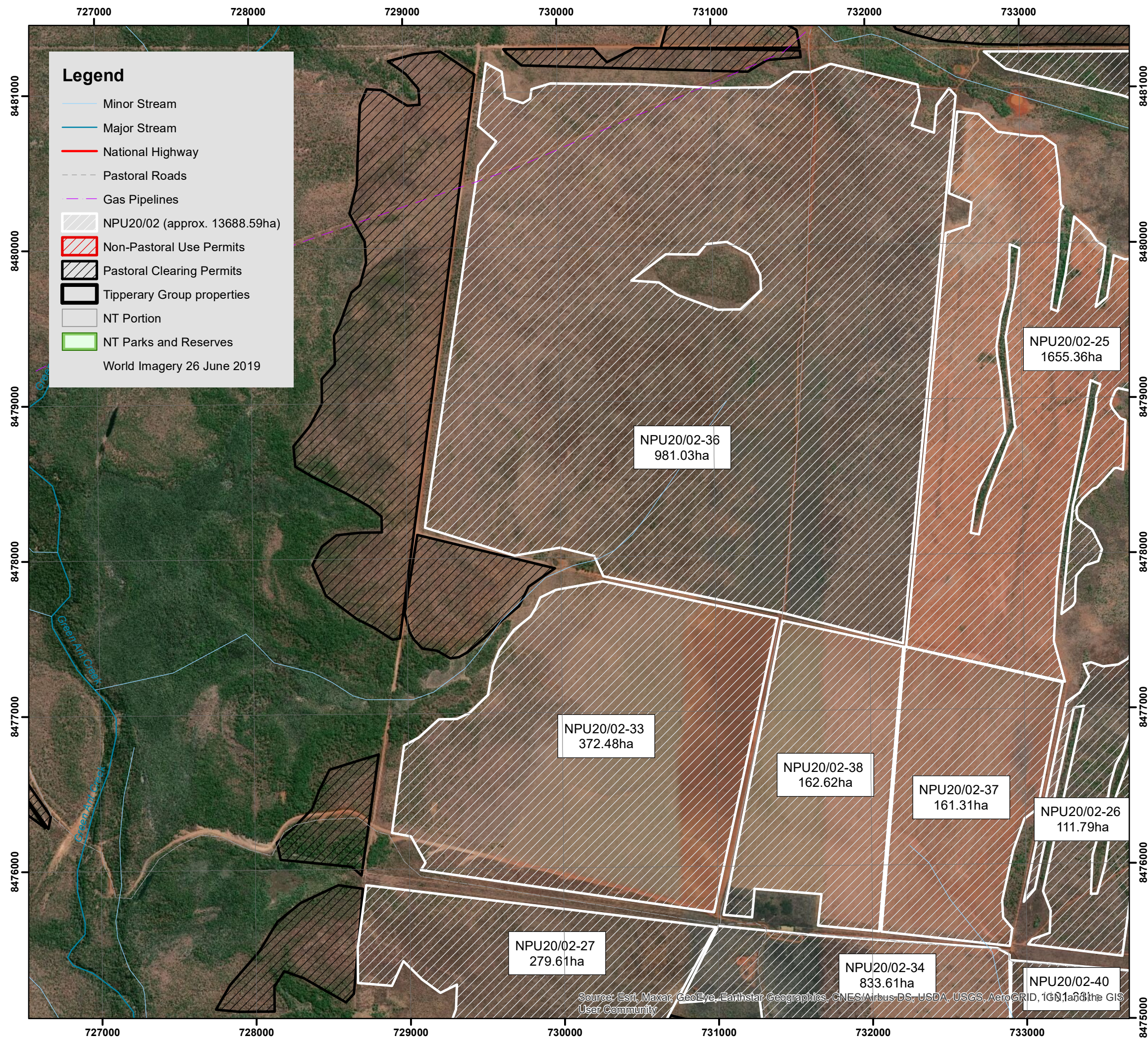
DATA SOURCE:
Endorsed Clearing Areas: Department of Environment
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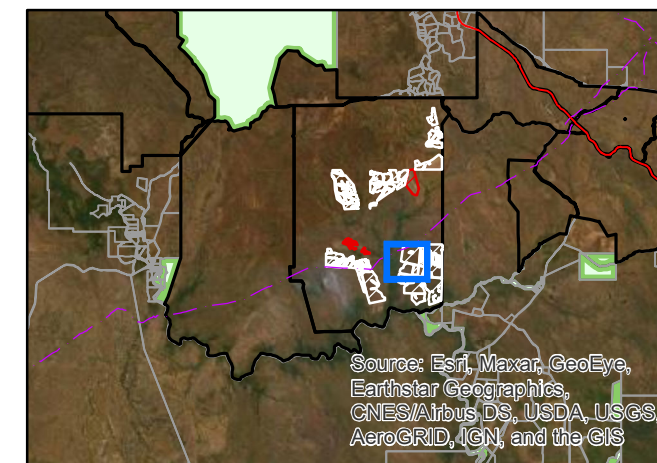


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Tipperary East, PPL 1222

NT Portion 7348

Applicant - Tom Polkinghorne on behalf of
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Source: Esri, Maxar, GeoEye,
Earthstar Geographics,
CNES/Airbus DS, USDA, USGS,
AeroGRID, IGN, and the GIS

0 12.5 25 50 km

Drawing No: **NPU-TPE-012** referred to in
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0 0.25 0.5 1 km

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Map Grid of Australia (MGA), Zone 52
Horizontal Datum: Geocentric Datum of Australia (GDA94)

DATA SOURCE:
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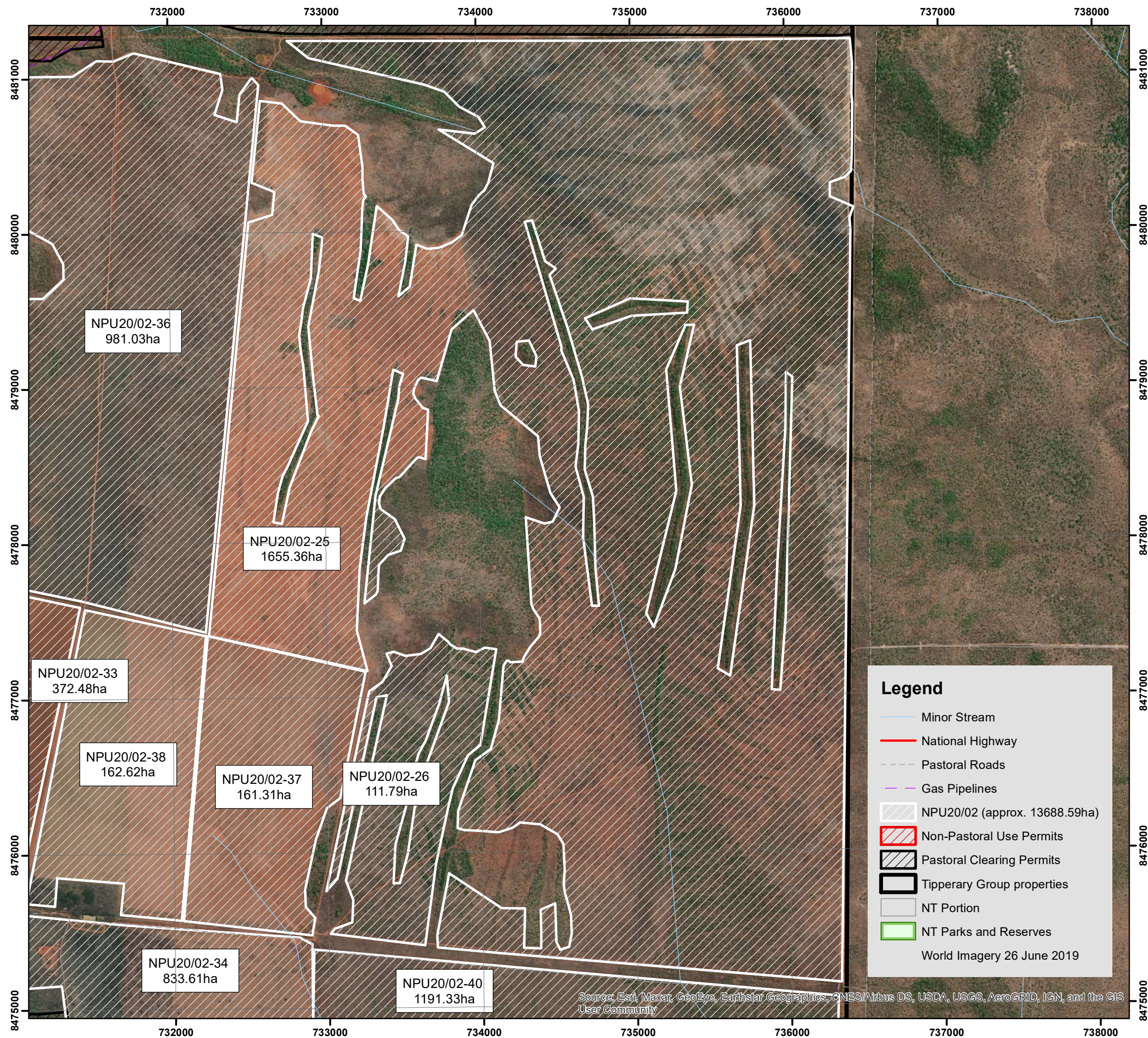


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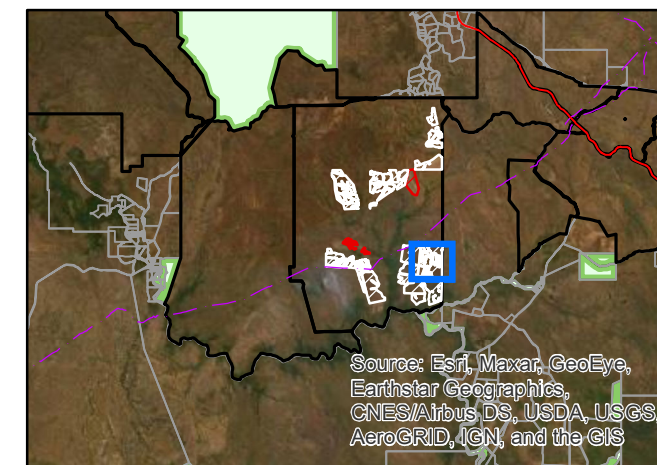




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Tipperary East, PPL 1222 NT Portion 7348

Applicant - Tom Polkinghorne on behalf of
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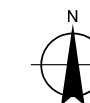
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Horizontal Datum: Geocentric Datum of Australia (GDA94)

DATA SOURCE:
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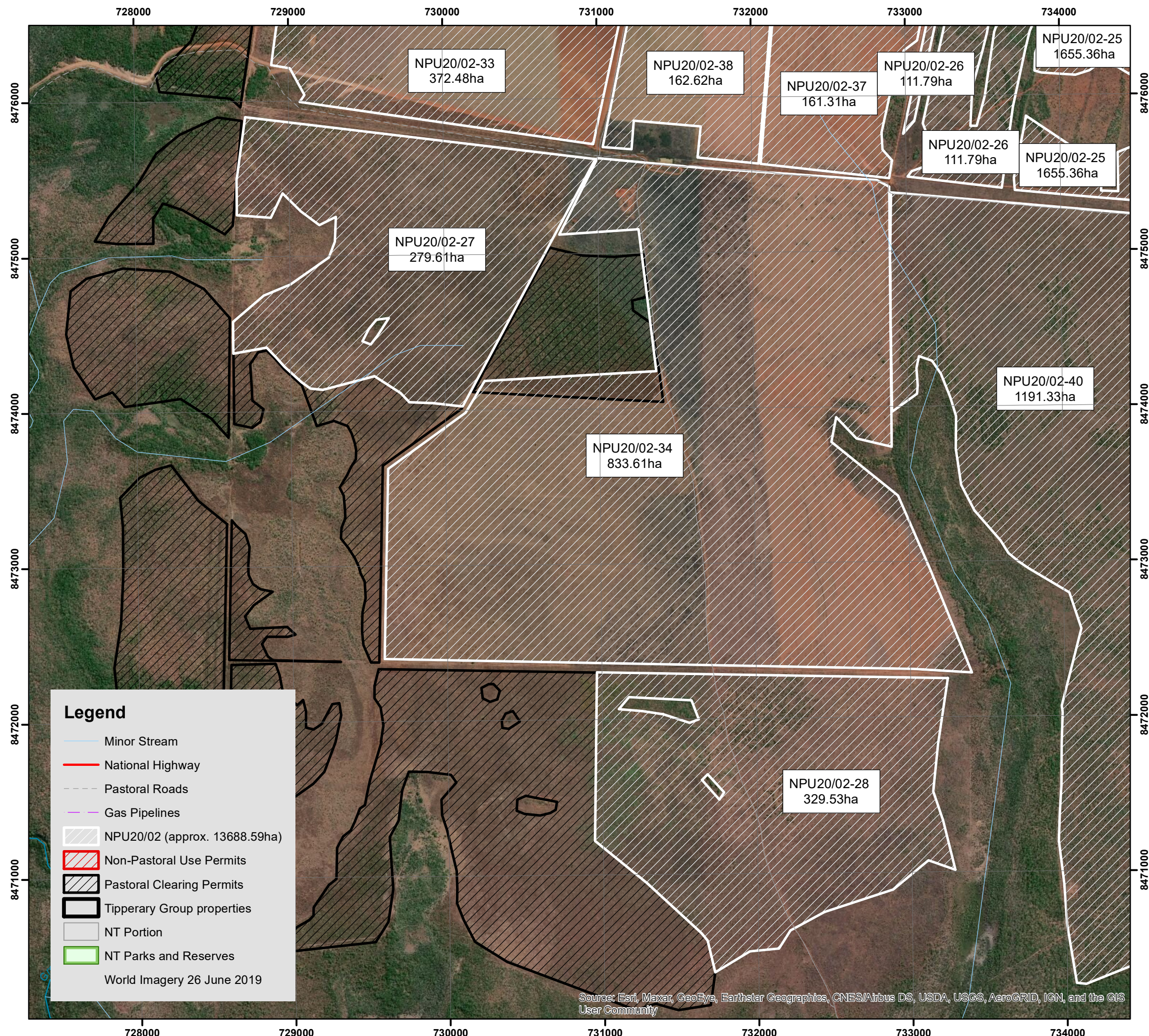


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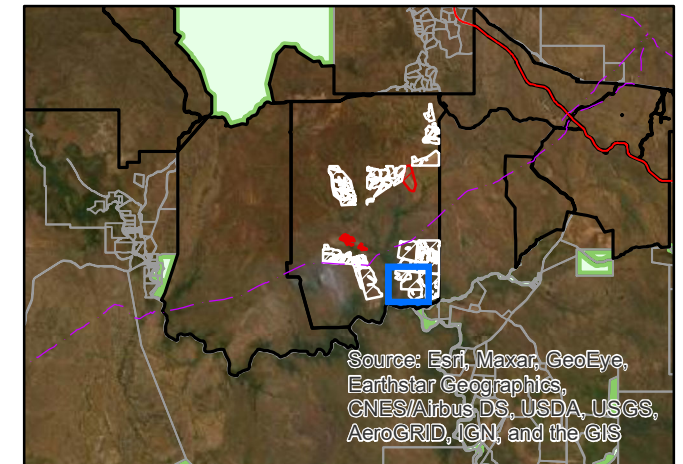


Endorsed Drawing

Tipperary East, PPL 1222

NT Portion 7348

Applicant - Tom Polkinghorne on behalf of
Branir Pty Ltd and Booloomani Corporation



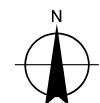
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Drawing No: NPU-TPE-014 referred to in

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Map Grid of Australia (MGA), Zone 52
Horizontal Datum: Geocentric Datum of Australia (GDA94)

DATA SOURCE:
Endorsed Clearing Areas: Department of Environment and Natural Resources
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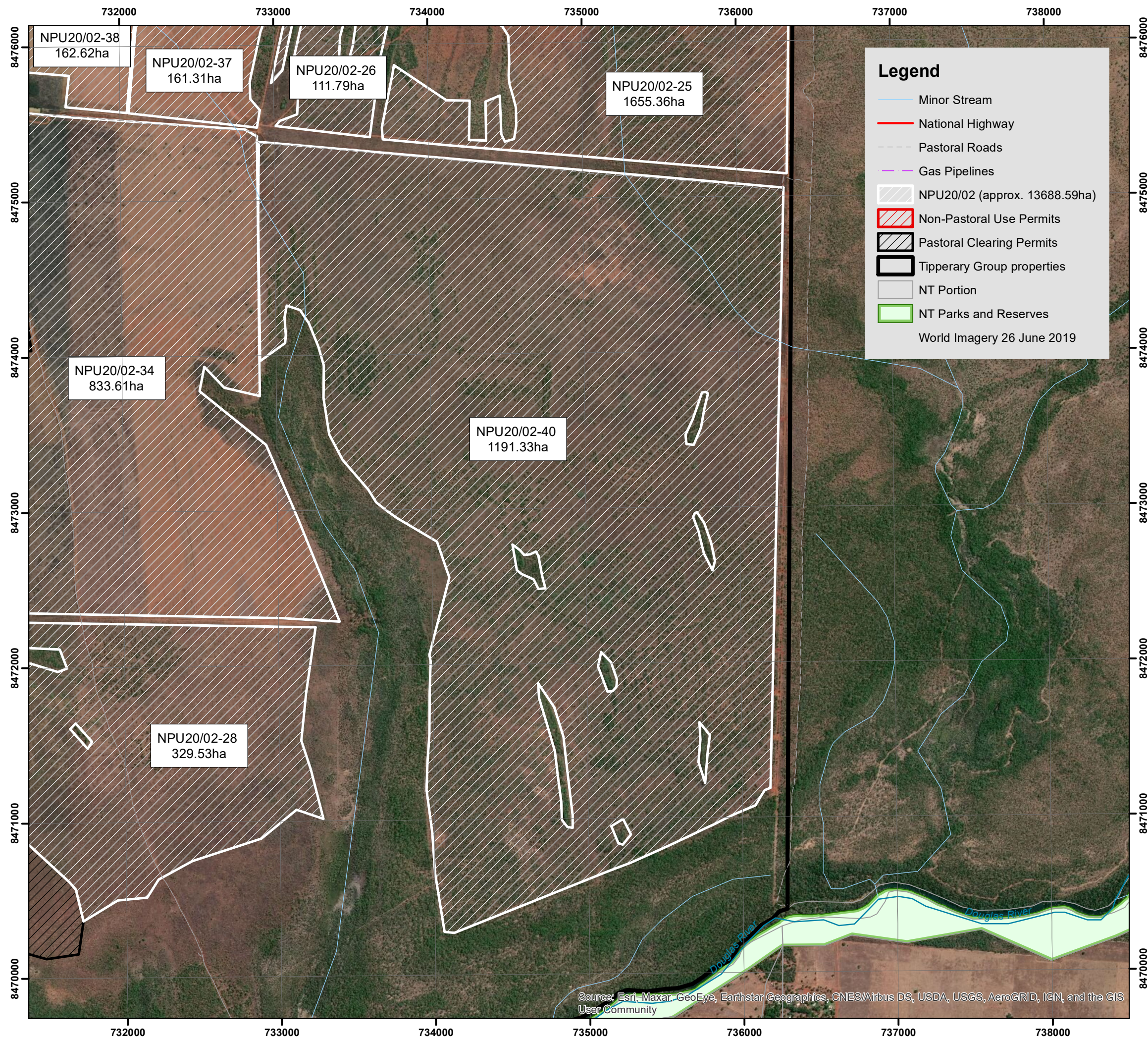


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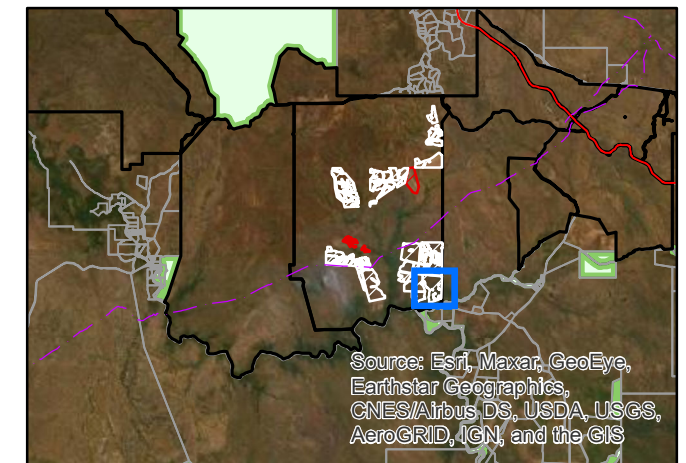




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Tipperary East, PPL 1222 NT Portion 7348

Applicant - Tom Polkinghorne on behalf of
Branir Pty Ltd and Booloomani Corporation



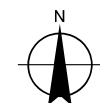
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Drawing No: NPU-TPE-015 referred to in

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Projection: Universal Transverse Mercator (UTM)
Map Grid of Australia (MGA), Zone 52
Horizontal Datum: Geocentric Datum of Australia (GDA94)

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