



CLEARING PERMIT

Granted under section 51E of the Environmental Protection Act 1986

Purpose Permit number:	CPS 6244/4
Permit Holder:	Forge Resources Swan Pty Ltd
Duration of Permit:	From 20 December 2014 to 24 June 2023

The permit holder is authorised to clear native vegetation subject to the following conditions of this permit.

PART I – CLEARING AUTHORISED

1. Clearing authorised (purpose)

The permit holder is authorised to clear native vegetation for the purpose of geotechnical, water and other investigations including associated access tracks.

2. Land on which clearing is to be done

Lot 49 on Deposited Plan 220711 (Pastoral lease N050345) Sherlock
Lot 51 on Deposited Plan 238028, (Pastoral lease N 050343), Sherlock and Chichester
Lot 52 on Deposited Plan 238012, (Pastoral lease N 049532), Chichester,
Lot 83 on Deposited Plan 238012, (Pastoral lease N 049532), Chichester
Lot 78 on Deposited Plan 219351, Sherlock
Lot 79 on Deposited Plan 219326, Sherlock
Roebourne-Wittenoom Road (PIN 11732078), Chichester
Un-named Road (PIN 11732085), Chichester
Un-named Road, (PIN 11732086), Chichester
Un-named Road (PIN 11732087), Chichester
Un-named Road (PIN 11732112), Sherlock
Croydon-Whim Creek Road (PIN 11732331), Sherlock
Croydon-Mallina Road (PIN 11732331), Chichester
Croydon-Whim Creek Road (PIN 11732137), Chichester
Un-named Road (PIN 11732326), Chichester
Un-named Road (PIN 11732106), Chichester
Unallocated Crown Land (PIN 1017624), Chichester
Unallocated Crown Land (PIN 1019499), Chichester
Unallocated Crown Land (PIN 1019500), Chichester
Unallocated Crown Land (PIN 1019502), Chichester
Unallocated Crown Land (PIN 1180829), Chichester
Unallocated Crown Land (PIN 1180830), Chichester
Unallocated Crown Land (PIN 1258037), Sherlock

3. Clearing authorised

The permit holder must not clear more than 63.5 hectares of native within the area cross-hatched yellow in Figures 1 to 9 of Schedule 1.

4. Clearing not authorized

The permit holder shall only clear native vegetation within the areas shaded red in Figures 10 to 16 of Schedule 1 for the purpose of *access tracks* and associated drainage controls.

5. Period during which clearing is authorised

The permit holder must not clear any native vegetation after 24 December 2022.

6. Application of liability to agents of the permit holder

Without limiting or transferring the liability of the permit holder to comply with the conditions of this permit, the permit holder may authorise (in writing) additional persons, including employees, contractors, and agents of the permit holder, to clear native vegetation for the purpose(s) specified in condition 1.

PART II – MANAGEMENT CONDITIONS

7. Avoid, minimise, and reduce impacts and extent of clearing

In determining the native vegetation authorised to be cleared under this permit, the permit holder must apply the following principles, set out in descending order of preference:

- (a) avoid the clearing of native vegetation;
- (b) minimise the amount of native vegetation to be cleared; and
- (c) reduce the impact of clearing on any environmental value.

8. Weed management

When undertaking any clearing authorised under this permit, the permit holder must take the following measures to minimise the risk of introduction and spread of *weeds*:

- (a) clean earth-moving machinery of soil and vegetation prior to entering and leaving the area to be cleared;
- (b) ensure that no known weed-affected soil, *mulch*, *fill*, or other material is brought into the area to be cleared; and
- (c) restrict the movement of machines and other vehicles to the limits of the areas to be cleared.

9. Flora Management

- (a) Prior to undertaking any clearing authorised under this permit, the permit holder must demarcate the priority flora identified within reports '*Rutila Resources Railway Corridor Flora and Vegetation Assessment 9736-3882-14R Final, November 2014*' prepared by Ecoscape (Australia) Pty Ltd and '*Supplementary flora and vegetation survey and terrestrial fauna survey for the Balla Balla Infrastructure Project 1155-PIO-BBI-ECO, July 2018*' prepared by Phoenix Environmental Sciences and '*Reconnaissance flora and vegetation survey and targeted terrestrial fauna survey for the Balla Balla Infrastructure - Rail and Conveyor Project. Unpublished report prepared for*

BBI Group Pty Ltd 2020' prepared by Phoenix Environmental Sciences, at the following locations:

'Rutila Resources Railway Corridor Flora and Vegetation Assessment 9736-3882-14R Final, November 2014' prepared by Ecoscape (Australia) Pty Ltd:

Species Name	Easting	Northing
<i>Abutilon</i> sp. Pritzelianum (S. van Leeuwen 5095)	596397	7663853
<i>Abutilon</i> sp. Pritzelianum (S. van Leeuwen 5095)	596373	7663935
<i>Abutilon</i> sp. Pritzelianum (S. van Leeuwen 5095)	596405	7663954
<i>Abutilon</i> sp. Pritzelianum (S. van Leeuwen 5095)	596391	7663902
<i>Goodenia nuda</i>	578289	7700070
<i>Goodenia nuda</i>	579041	7700036
<i>Goodenia nuda</i>	575331	7699462
<i>Goodenia nuda</i>	591289	7607286
<i>Helichrysum oligochaetum</i>	566845	7582615
<i>Helichrysum oligochaetum</i>	566780	7582634
<i>Helichrysum oligochaetum</i>	566145	7582790
<i>Heliotropium muticum</i>	592105	7677258
<i>Heliotropium muticum</i>	594286	7674156
<i>Heliotropium muticum</i>	576394	7691392
<i>Heliotropium muticum</i>	578764	7684815
<i>Heliotropium muticum</i>	592311	7677514
<i>Heliotropium muticum</i>	594402	7670353
<i>Heliotropium muticum</i>	592387	7677670
<i>Heliotropium muticum</i>	576418	7691344
<i>Heliotropium muticum</i>	592517	7677786
<i>Heliotropium muticum</i>	578739	7684869
<i>Heliotropium muticum</i>	591591	7678368
<i>Heliotropium muticum</i>	574765	7700864
<i>Heliotropium muticum</i>	582858	7681525
<i>Heliotropium muticum</i>	575380	7699462
<i>Heliotropium muticum</i>	592708	7678077
<i>Heliotropium muticum</i>	582841	7681565
<i>Heliotropium muticum</i>	587196	7680918
<i>Heliotropium muticum</i>	586941	7680970
<i>Heliotropium muticum</i>	586821	7681000
<i>Heliotropium muticum</i>	586731	7681033
<i>Dolichocarpa</i> sp. Hamersley Station (A.A. Mitchell PRP 1479)	584000	7598006
<i>Dolichocarpa</i> sp. Hamersley Station (A.A. Mitchell PRP 1479)	583945	7598087
<i>Dolichocarpa</i> sp. Hamersley Station (A.A. Mitchell PRP 1479)	583945	7598087
<i>Dolichocarpa</i> sp. Hamersley Station (A.A. Mitchell PRP 1479)	583727	7597908
<i>Dolichocarpa</i> sp. Hamersley Station (A.A. Mitchell PRP 1479)	584236	7598385
<i>Pentalepis trichodesmoides</i> subsp. <i>hispida</i>	586412	7599467

'Supplementary flora and vegetation survey and terrestrial fauna survey for the Balla Balla Infrastructure Project 1155-PIO-BBI-ECO, July 2018' prepared by Phoenix Environmental Sciences:

Species Name	Easting	Northing
<i>Abutilon</i> sp. Pritzelianum (S. van Leeuwen 5095)	597150	7664093
<i>Abutilon</i> sp. Pritzelianum (S. van Leeuwen 5095)	597159	7664081
<i>Abutilon</i> sp. Pritzelianum (S. van Leeuwen 5095)	597167	7664145
<i>Abutilon</i> sp. Pritzelianum (S. van Leeuwen 5095)	597558	7648993
<i>Abutilon</i> sp. Pritzelianum (S. van Leeuwen 5095)	597561	7648969
<i>Abutilon</i> sp. Pritzelianum (S. van Leeuwen 5095)	597633	7648978
<i>Acacia fecunda</i>	588639	7602862
<i>Goodenia nuda</i>	564544	7568266
<i>Heliotropium muticum</i>	594209	7669399
<i>Heliotropium muticum</i>	594203	7669416
<i>Heliotropium muticum</i>	594193	7669441
<i>Heliotropium muticum</i>	594198	7669450
<i>Heliotropium muticum</i>	594223	7669224
<i>Heliotropium muticum</i>	594208	7669277
<i>Heliotropium muticum</i>	594208	7669280
<i>Heliotropium muticum</i>	594209	7669284
<i>Heliotropium muticum</i>	576443	7691436
<i>Heliotropium muticum</i>	594198	7669483
<i>Heliotropium muticum</i>	594198	7669475
<i>Heliotropium muticum</i>	594211	7669378
<i>Heliotropium muticum</i>	594214	7669389
<i>Heliotropium muticum</i>	594214	7669394
<i>Heliotropium muticum</i>	594211	7669399
<i>Heliotropium muticum</i>	594220	7669413
<i>Heliotropium muticum</i>	594222	7669427
<i>Heliotropium muticum</i>	594222	7669440
<i>Heliotropium muticum</i>	594213	7669447
<i>Heliotropium muticum</i>	594211	7669468
<i>Heliotropium muticum</i>	597149	7664096
<i>Heliotropium muticum</i>	597142	7664148
<i>Heliotropium muticum</i>	594230	7669384
<i>Heliotropium muticum</i>	594223	7669404
<i>Heliotropium muticum</i>	597141	7664123
<i>Heliotropium muticum</i>	594205	7669301
<i>Heliotropium muticum</i>	594201	7669308
<i>Heliotropium muticum</i>	594213	7669356
<i>Heliotropium muticum</i>	594207	7669371
<i>Heliotropium muticum</i>	594210	7669372
<i>Heliotropium muticum</i>	594200	7669462
<i>Heliotropium muticum</i>	597142	7664130
<i>Heliotropium muticum</i>	597142	7664129
<i>Hibiscus</i> sp. Mt Brockman (E. Thoma ET 1354)	575712	7688260

Species Name	Easting	Northing
<i>Rhynchosia bungarensis</i>	572582	7702062
<i>Rhynchosia bungarensis</i>	577005	7699333
<i>Themeda</i> sp. Hamersley Station (M.E. Trudgen 11431)	596143	7623616
<i>Themeda</i> sp. Hamersley Station (M.E. Trudgen 11431)	595310	7615220
<i>Themeda</i> sp. Hamersley Station (M.E. Trudgen 11431)	596143	7623616

'Reconnaissance flora and vegetation survey and targeted terrestrial fauna survey for the Balla Balla Infrastructure - Rail and Conveyor Project. Unpublished report prepared for BBI Group Pty Ltd 2020' prepared by Phoenix Environmental Sciences:

Species Name	Easting	Northing
<i>Heliotropium muticum</i>	576999	7692668
<i>Heliotropium muticum</i>	573275	7701865
<i>Heliotropium muticum</i>	575059	7701708
<i>Heliotropium muticum</i>	577034	7701406
<i>Heliotropium muticum</i>	576614	7694537
<i>Heliotropium muticum</i>	578350	7691760
<i>Heliotropium muticum</i>	577832	7698269
<i>Dolichocarpa</i> sp. Hamersley Station (A.A. Mitchell PRP 1479)	576680	7698265
<i>Dolichocarpa</i> sp. Hamersley Station (A.A. Mitchell PRP 1479)	577227	7691404
<i>Dolichocarpa</i> sp. Hamersley Station (A.A. Mitchell PRP 1479)	573535	7701785
<i>Dolichocarpa</i> sp. Hamersley Station (A.A. Mitchell PRP 1479)	573296	7701886
<i>Dolichocarpa</i> sp. Hamersley Station (A.A. Mitchell PRP 1479)	577848	7699593
<i>Dolichocarpa</i> sp. Hamersley Station (A.A. Mitchell PRP 1479)	578151	7701062
<i>Dolichocarpa</i> sp. Hamersley Station (A.A. Mitchell PRP 1479)	575202	7700011
<i>Dolichocarpa</i> sp. Hamersley Station (A.A. Mitchell PRP 1479)	575147	7701103
<i>Dolichocarpa</i> sp. Hamersley Station (A.A. Mitchell PRP 1479)	577505	7701474
<i>Dolichocarpa</i> sp. Hamersley Station (A.A. Mitchell PRP 1479)	576534	7698479
<i>Dolichocarpa</i> sp. Hamersley Station (A.A. Mitchell PRP 1479)	576633	7700677
<i>Dolichocarpa</i> sp. Hamersley Station (A.A. Mitchell PRP 1479)	575400	7698832
<i>Dolichocarpa</i> sp. Hamersley Station (A.A. Mitchell PRP 1479)	576066	7696393
<i>Dolichocarpa</i> sp. Hamersley Station (A.A. Mitchell PRP 1479)	577441	7695900
<i>Dolichocarpa</i> sp. Hamersley Station (A.A. Mitchell PRP 1479)	575525	7698843
<i>Dolichocarpa</i> sp. Hamersley Station (A.A. Mitchell PRP 1479)	577305	7695878

- (b) When undertaking any clearing authorised under this permit, the permit holder shall not cause or allow:
- (i) clearing within 50 metres of the identified priority flora within condition 9(a); and
 - (ii) clearing of the identified priority flora within condition 9(a).

10. Vegetation management – watercourse

Where a *watercourse* is to be impacted by clearing, the permit holder shall maintain the existing surface flow.

11. Revegetation and rehabilitation (temporary clearing)

The permit holder must:

- (a) retain the vegetative material and topsoil removed by clearing authorised under this permit and stockpile the vegetative material and topsoil in an area that has already been cleared;
- (b) within 6 months following clearing authorised under this permit, *revegetate* and *rehabilitate* the area(s) that are no longer required for of geotechnical, water and other investigations including associated access tracks by:

- (i) re-shaping the surface of the land so that it is consistent with the surrounding five metres of uncleared land;
- (ii) ripping the ground on the contour to remove soil compaction;
- (iii) laying the vegetative material and topsoil retained under condition 11(a) on the cleared area(s); and
- (iv) undertake *weed* control activities on an ‘as needed’ basis to reduce *weed* cover within the cleared areas to no greater than the *weed* cover within the surrounding five metres of uncleared land.

PART III - RECORD KEEPING AND REPORTING

12. Records that must be kept

The permit holder must maintain records relating to the listed relevant matters in accordance with the specifications detailed in Table 1.

Table 1: Records that must be kept

No.	Relevant matter	Specifications
1.	In relation to the authorised clearing activities generally	<ul style="list-style-type: none"> (a) the species composition, structure, and density of the cleared area; (b) the location where the clearing occurred, recorded using a Global Positioning System (GPS) unit set to Geocentric Datum Australia 1994 (GDA94), expressing the geographical coordinates in Eastings and Northings; (c) the date that the area was cleared; (d) the size of the area cleared (in hectares); (e) actions taken to avoid, minimise, and reduce the impacts and extent of clearing in accordance with condition 7; (f) actions taken to minimise the risk of the introduction and spread of weeds and dieback in accordance with condition 8; and (g) actions taken to maintain the existing surface flows of <i>watercourses</i> in accordance with condition 10 of this permit
2.	In relation to flora management pursuant to condition 9	<ul style="list-style-type: none"> (a) actions taken to demarcate each threatened flora and/or priority flora species recorded and their relevant buffers; and (b) actions taken to avoid the clearing of <i>threatened flora</i> and/or <i>priority flora</i> species.
3.	In relation to the revegetation and rehabilitation of areas pursuant to condition 11 of this permit	<ul style="list-style-type: none"> (a) the location of any areas revegetated and rehabilitated, recorded using a Global Positioning System (GPS) unit set to Geocentric Datum Australia 1994 (GDA94), expressing the geographical coordinates in Eastings and Northings or decimal degrees; (b) the date(s) that the area was revegetated and rehabilitated; (c) a description of the revegetation and rehabilitation activities undertaken; and

No.	Relevant matter	Specifications
		(d) the size of the area revegetated and rehabilitated (in hectares).

13. Reporting

- (a) The permit holder must provide to the *CEO*, on or before 30 June of each calendar year, a written report containing:
- (i) the records required to be kept under condition 12; and
 - (ii) records of activities done by the permit holder under this permit between 1 January and 31 December of the preceding calendar year.
- (b) If no clearing authorised under this permit has been undertaken, a written report confirming that no clearing under this permit has been undertaken, must be provided to the *CEO* on or before 30 June of each calendar year.
- (c) The permit holder must provide to the *CEO*, no later than 90 calendar days prior to the expiry date of the permit, a written report of records required under condition 12, where these records have not already been provided under condition 13(a).

DEFINITIONS

In this permit, the terms in Table have the meanings defined.

Table 2: Definitions

Term	Definition
access track	a pathway with a maximum cleared width of 5 metres, giving access from one location to another.
CEO	Chief Executive Officer of the department responsible for the administration of the clearing provisions under the <i>Environmental Protection Act 1986</i> .
clearing	has the meaning given under section 3(1) of the EP Act.
condition	a condition to which this clearing permit is subject under section 51H of the EP Act.
fill	means material used to increase the ground level, or to fill a depression.
dieback	means the effect of <i>Phytophthora</i> species on native vegetation.
department	means the department established under section 35 of the <i>Public Sector Management Act 1994</i> (WA) and designated as responsible for the administration of the EP Act, which includes Part V Division 3.
EP Act	<i>Environmental Protection Act 1986</i> (WA)
mulch	means the use of organic matter, wood chips or rocks to slow the movement of water across the soil surface and to reduce evaporation.
native vegetation	has the meaning given under section 3(1) and section 51A of the EP Act.
rehabilitate/ rehabilitated/ rehabilitation	means actively managing an area containing native vegetation in order to improve the ecological function of that area.
watercourse	has the meaning given to it in section 3 of the <i>Rights in Water and Irrigation Act 1914</i> ;
weeds	means any plant – (a) that is a declared pest under section 22 of the <i>Biosecurity and</i>

Term	Definition
	<p><i>Agriculture Management Act 2007</i>; or</p> <p>(b) published in a Department of Biodiversity, Conservation and Attractions species-led ecological impact and invasiveness ranking summary, regardless of ranking; or</p> <p>(c) not indigenous to the area concerned.</p>

END OF CONDITIONS



Jessica Burton
A/MANAGER
NATIVE VEGETATION REGULATION

*Officer delegated under Section 20
of the Environmental Protection Act 1986*

20 June 2022

Schedule 1

The boundary of the area authorised to be cleared is shown in the map below (Figure 1-9).

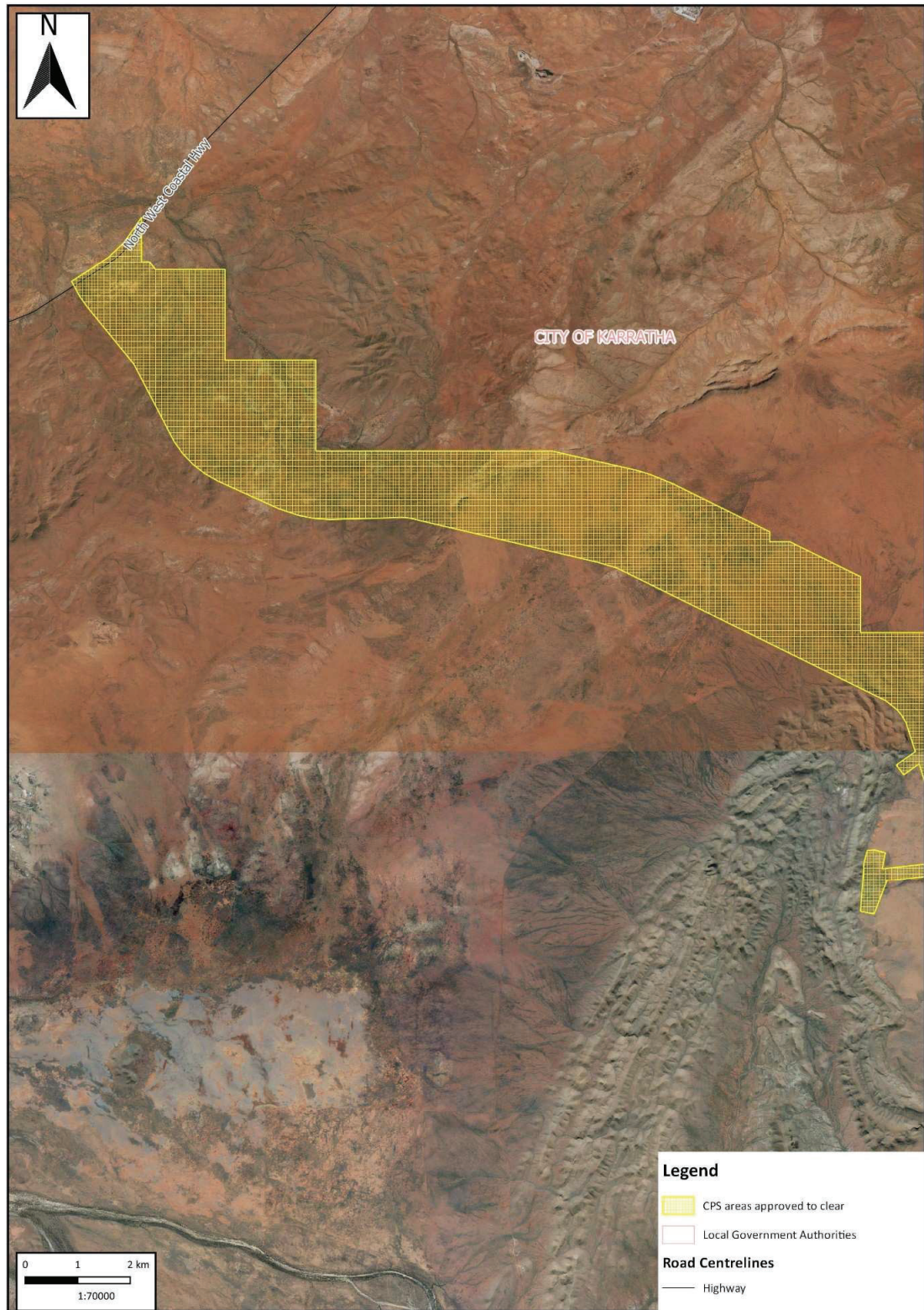


Figure 1: Map of the boundary of the area within which clearing may occur

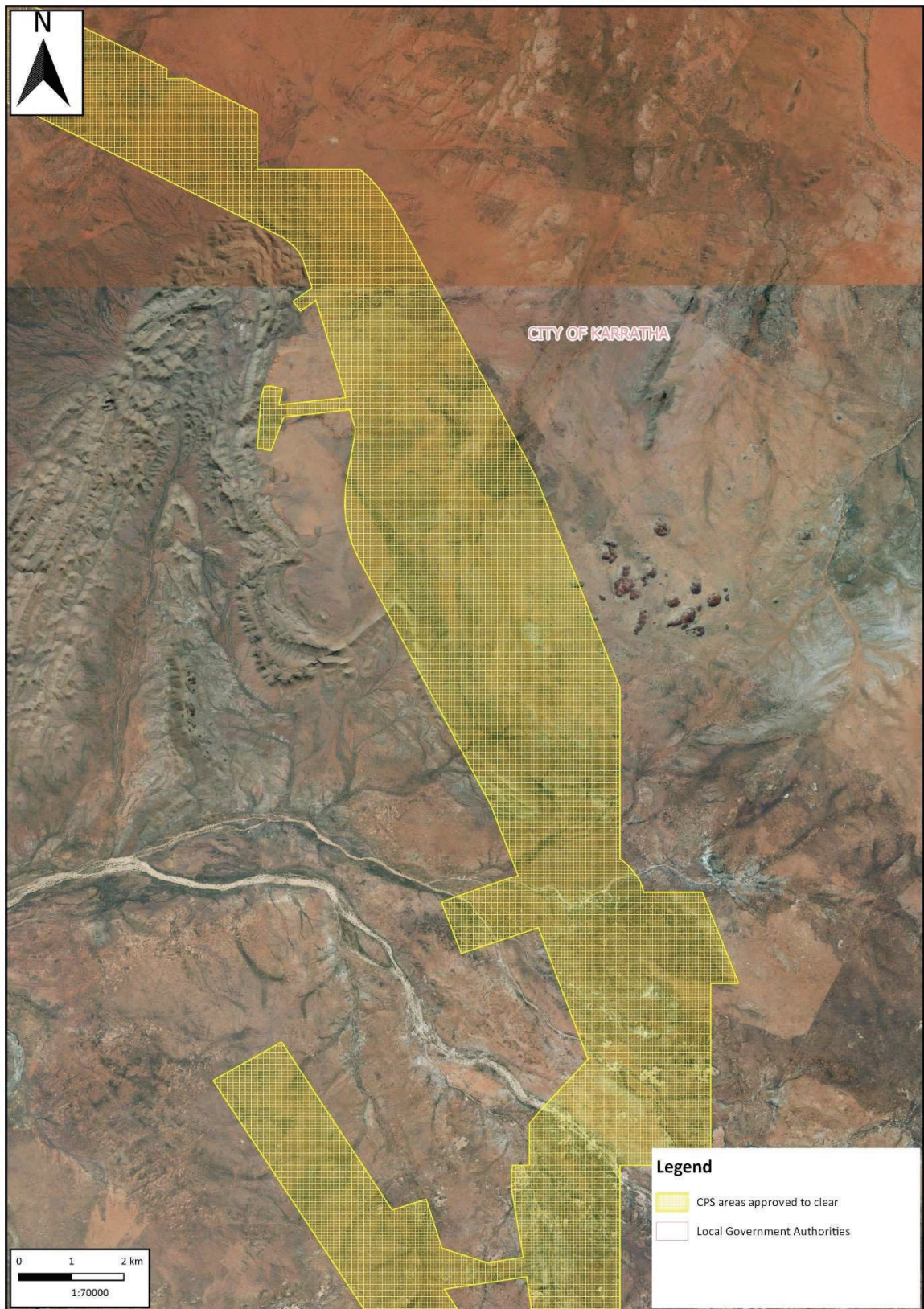


Figure 2: Map of the boundary of the area within which clearing may occur



Figure 3: Map of the boundary of the area within which clearing may occur

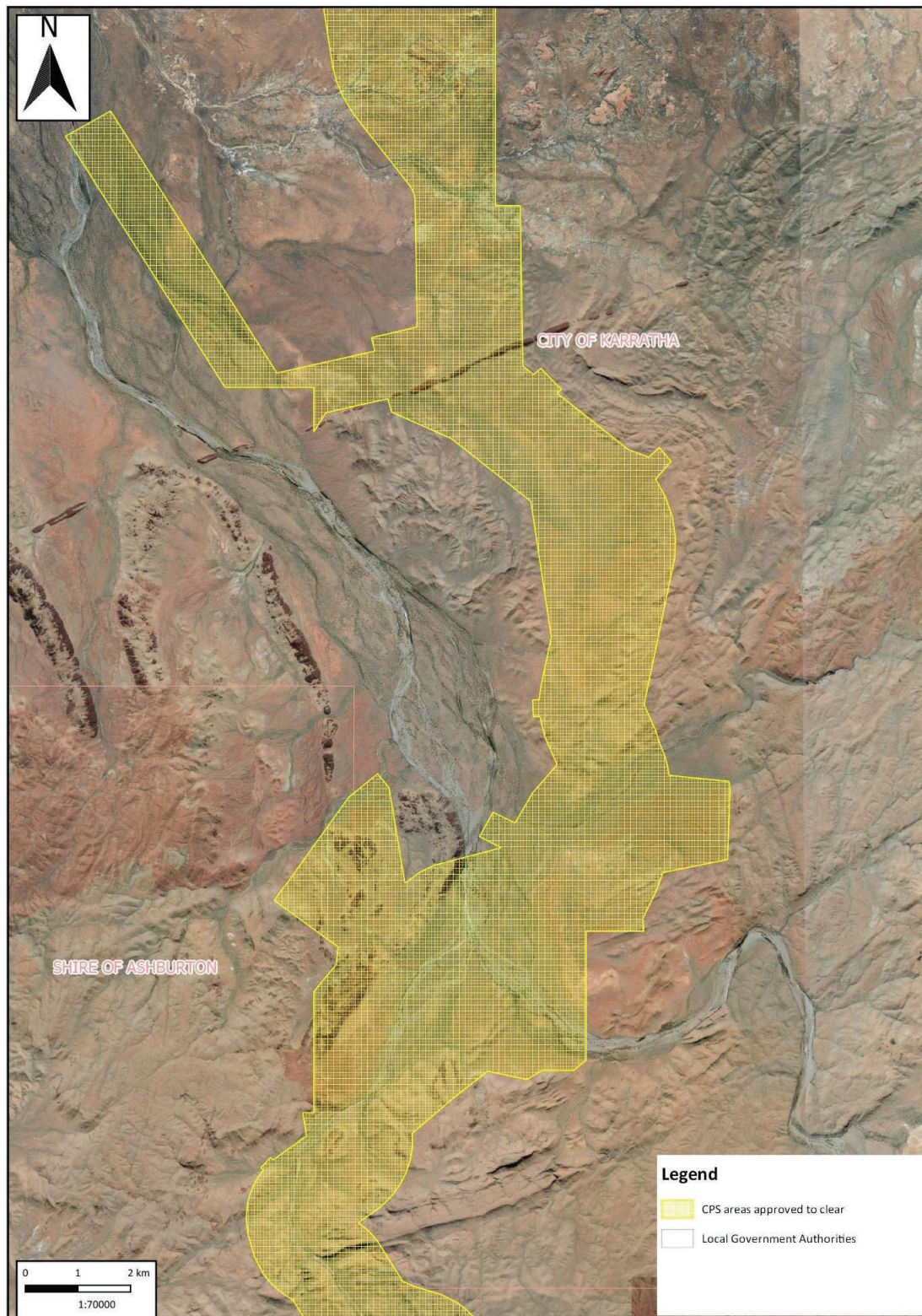


Figure 4: Map of the boundary of the area within which clearing may occur



Figure 5: Map of the boundary of the area within which clearing may occur

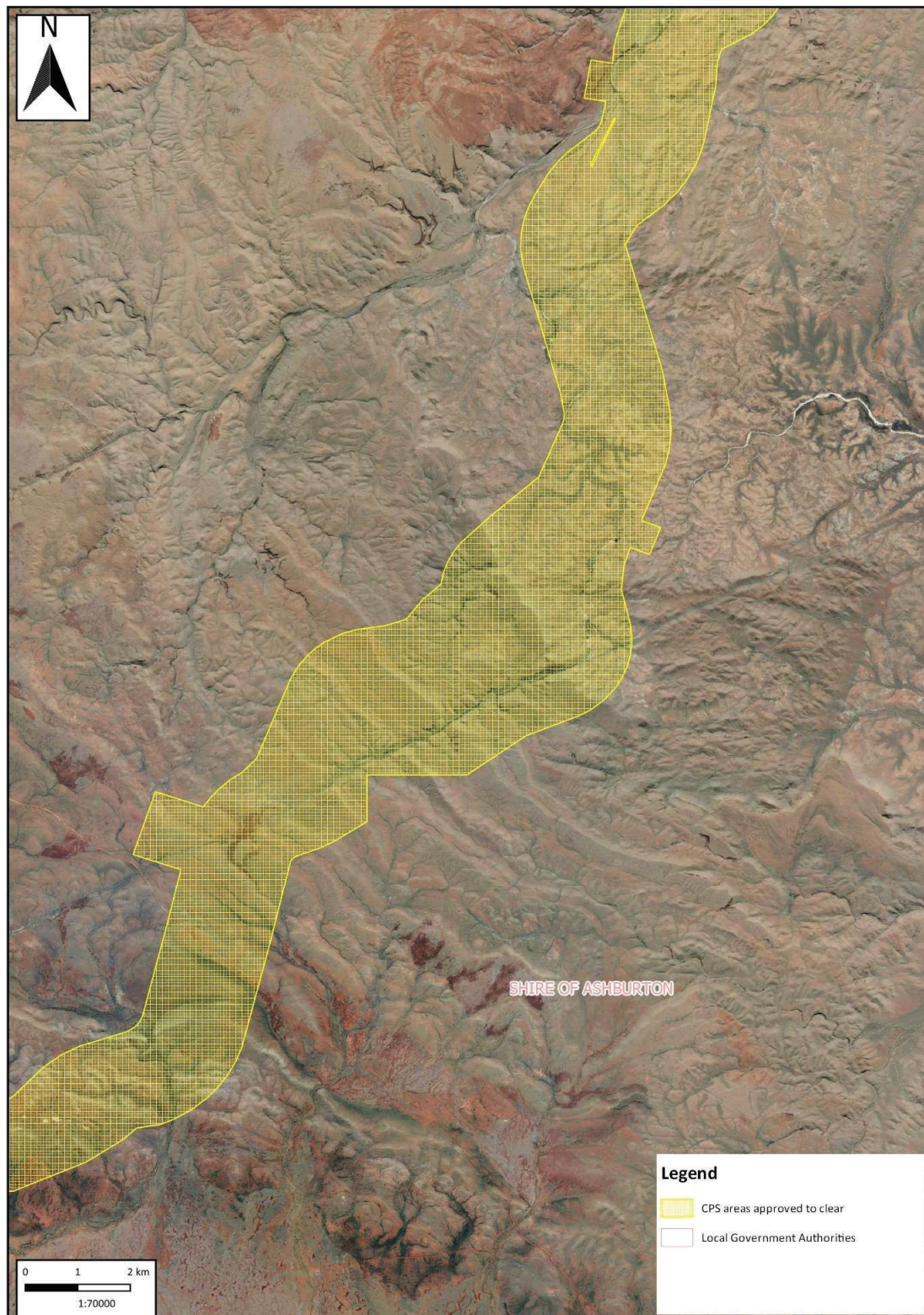


Figure 6: Map of the boundary of the area within which clearing may occur



Figure 7: Map of the boundary of the area within which clearing may occur

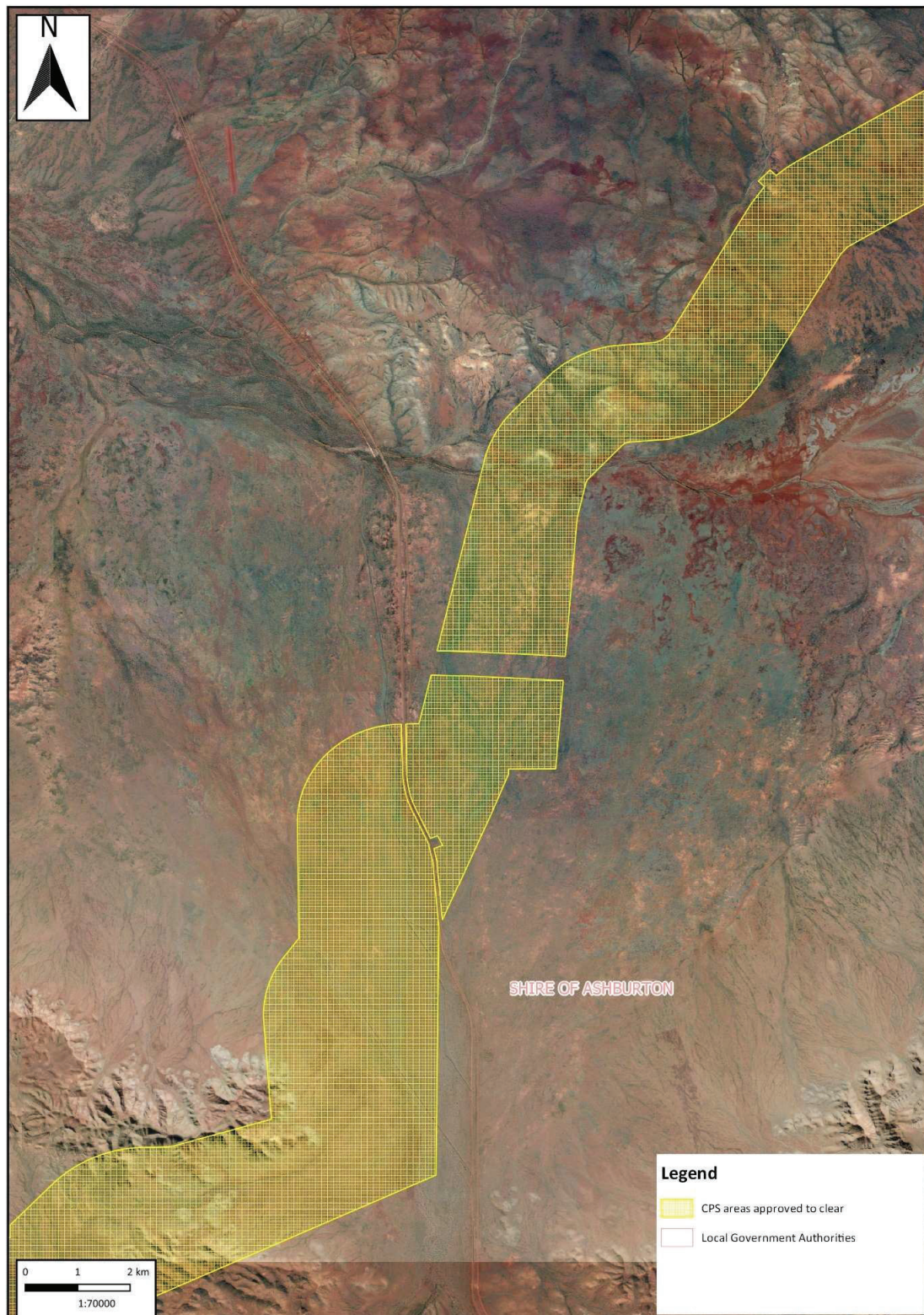


Figure 8: Map of the boundary of the area within which clearing may occur

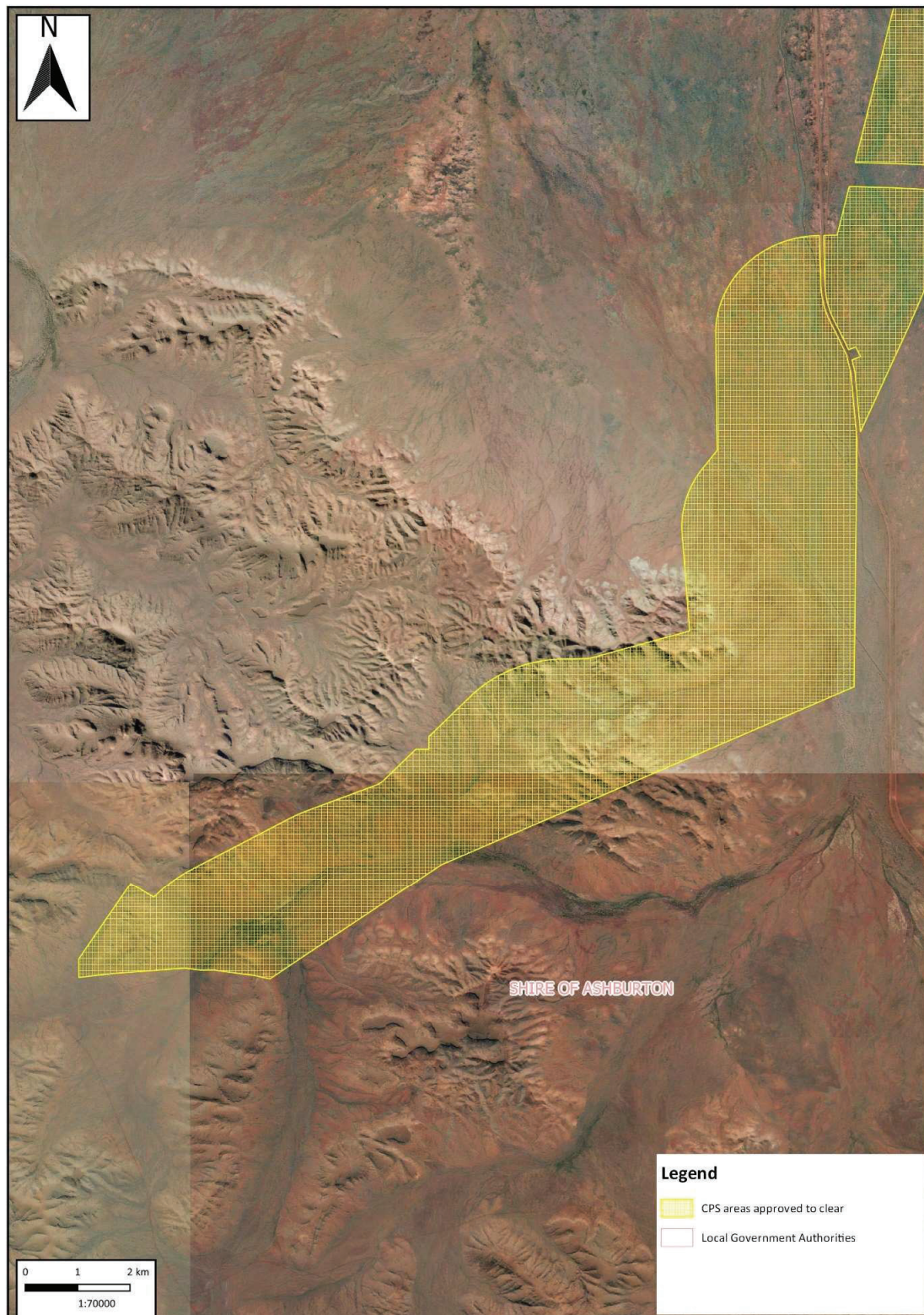


Figure 9: Map of the boundary of the area within which clearing may occur

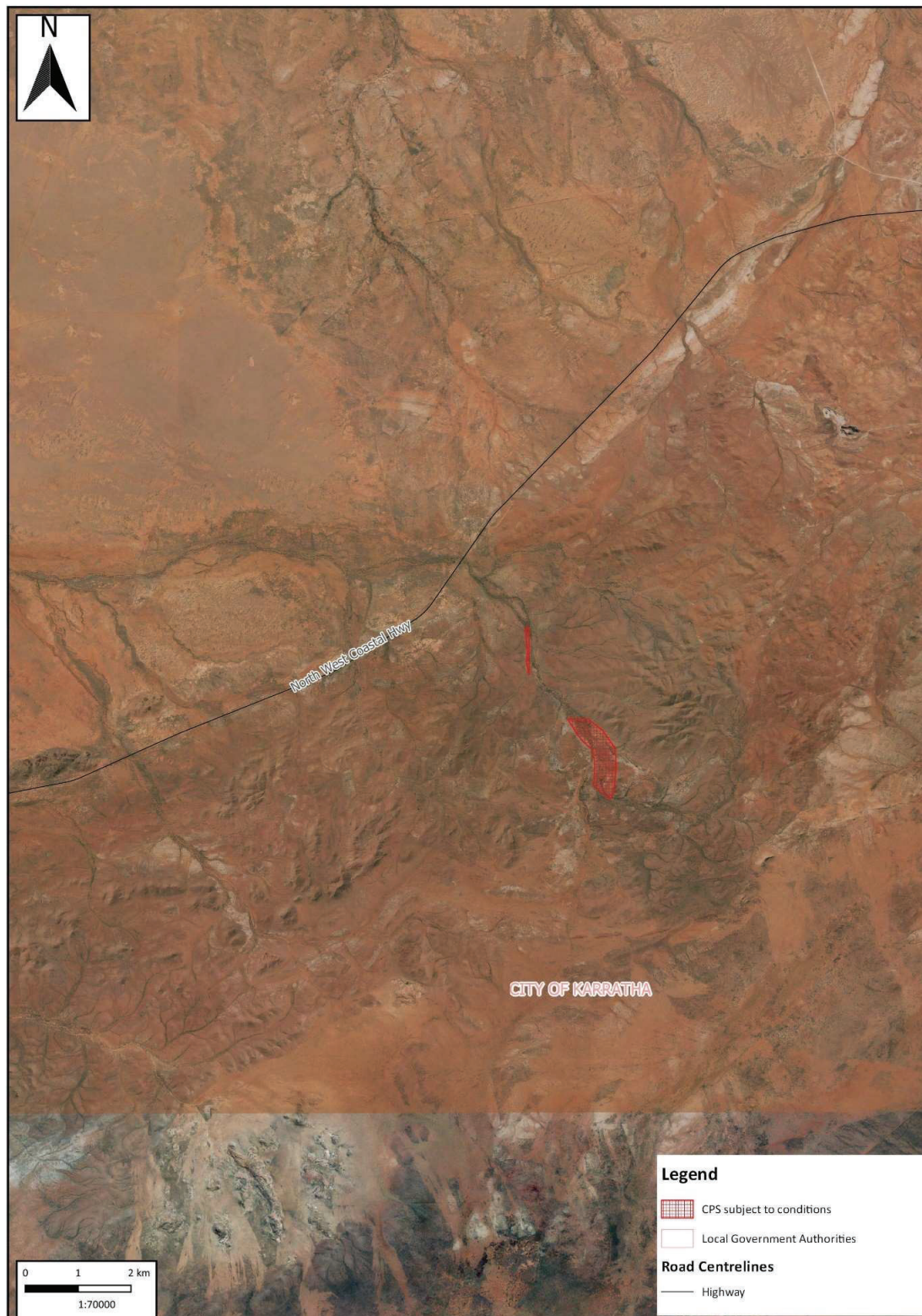


Figure 10: Map of the boundary of the area within which clearing may occur for the purpose of *access tracks and associated drainage controls* only



Figure 11: Map of the boundary of the area within which clearing may occur for the purpose of *access tracks* and *associated drainage controls* only

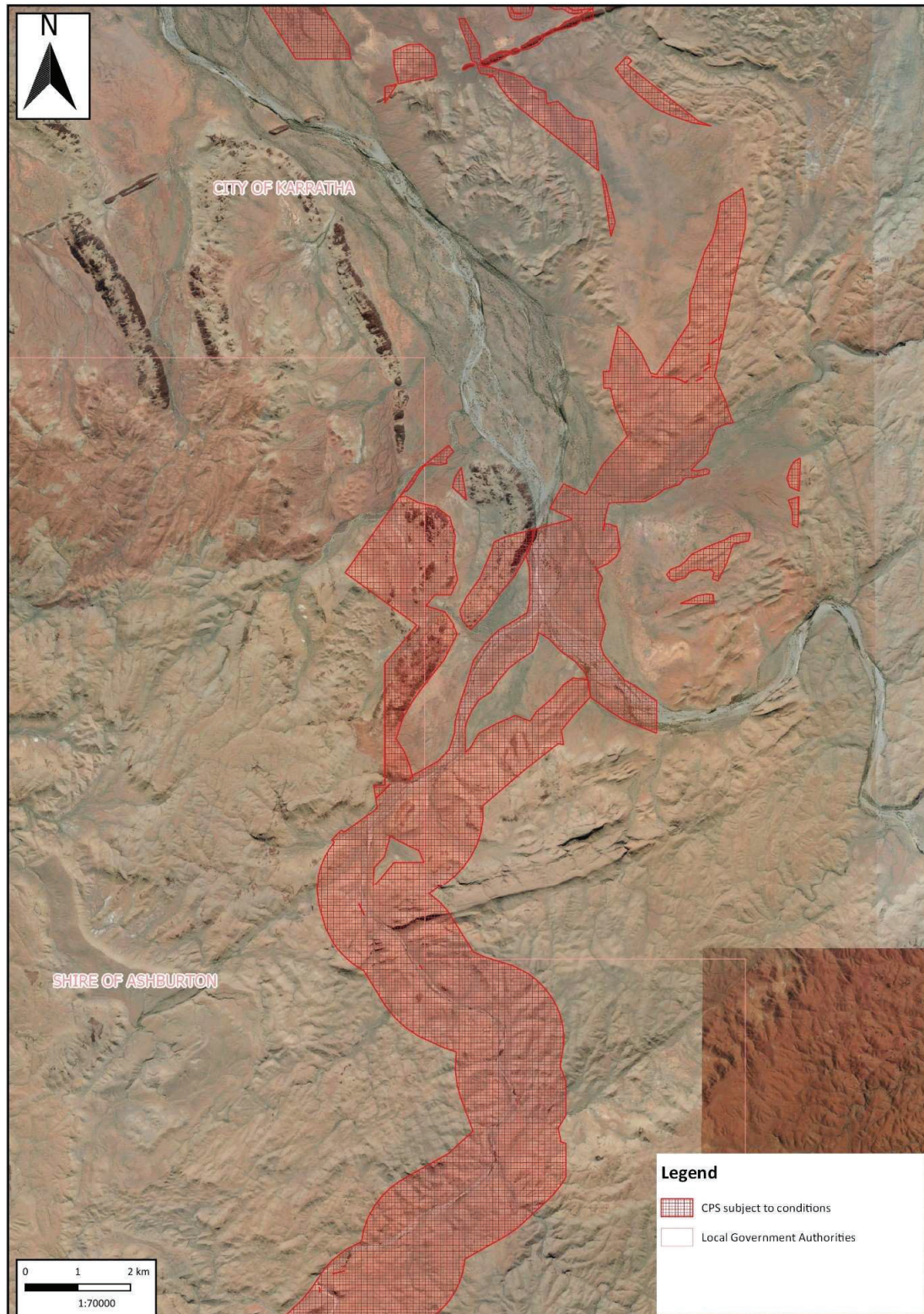


Figure 12: Map of the boundary of the area within which clearing may occur for the purpose of access tracks and associated drainage controls only



Figure 13: Map of the boundary of the area within which clearing may occur for the purpose of *access tracks and associated drainage controls* only

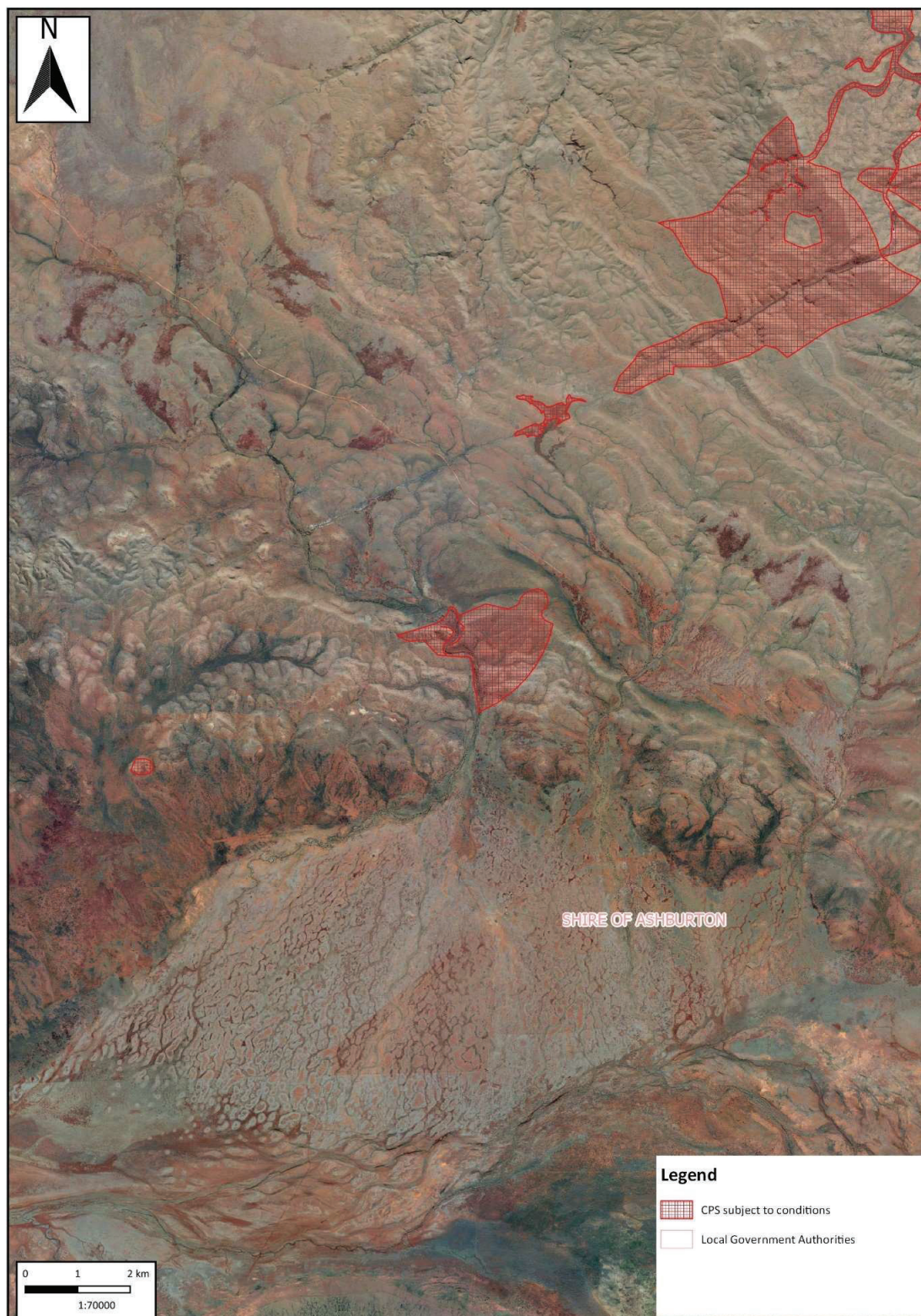


Figure 14: Map of the boundary of the area within which clearing may occur for the purpose of *access tracks and associated drainage controls* only

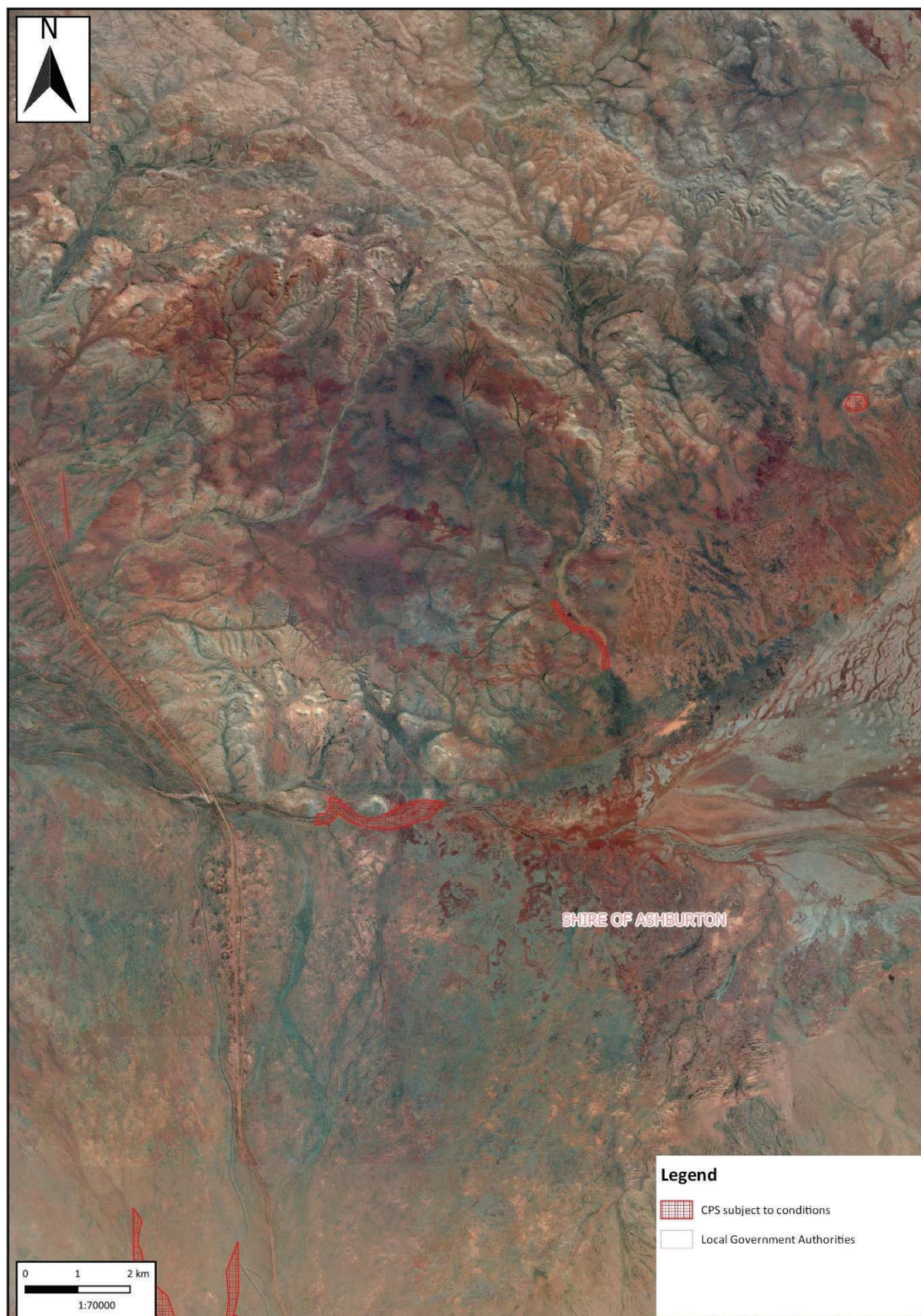


Figure 15: Map of the boundary of the area within which clearing may occur for the purpose of *access tracks and associated drainage controls* only

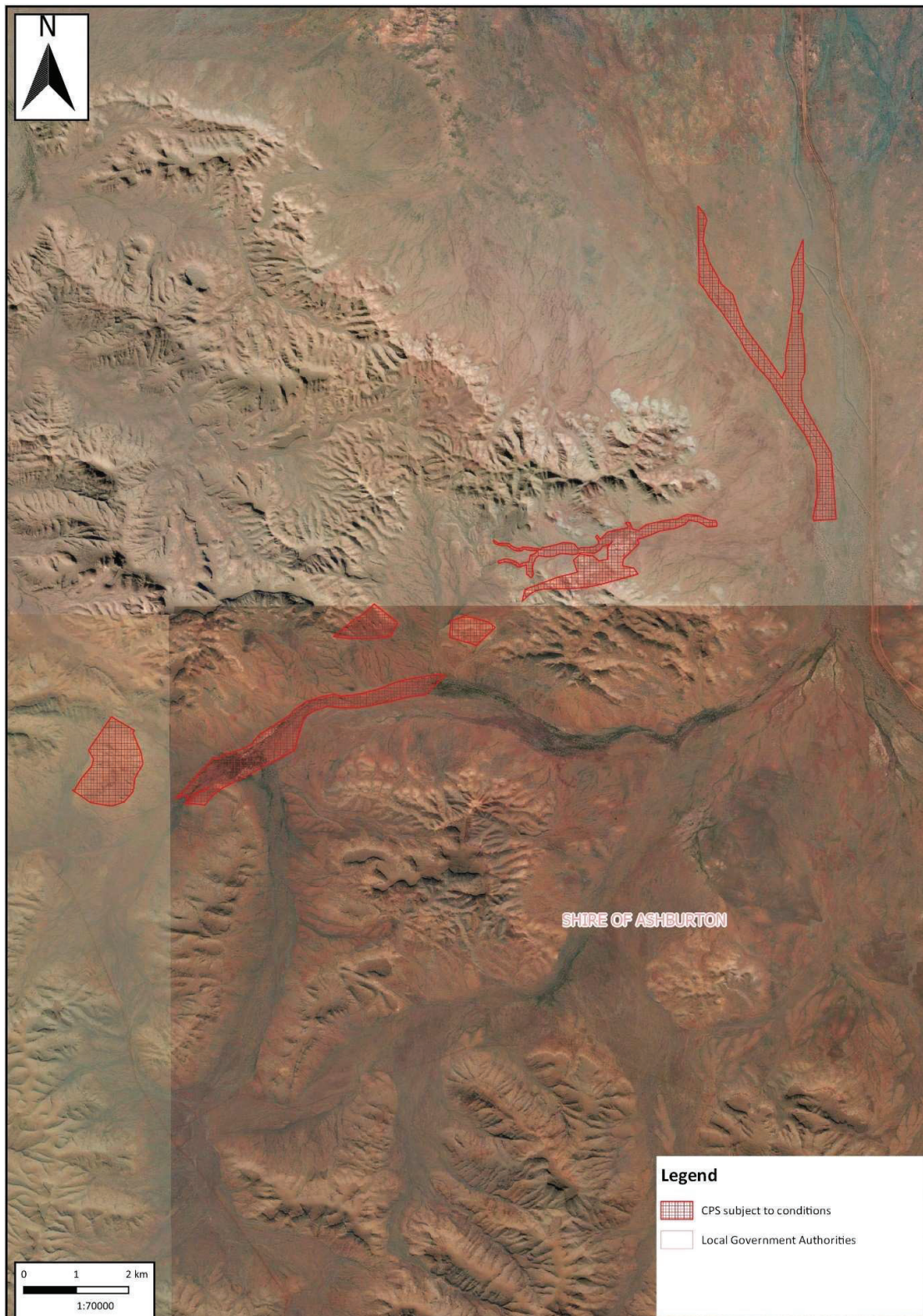


Figure 16: Map of the boundary of the area within which clearing may occur for the purpose of *access tracks and associated drainage controls* only



Clearing Permit Decision Report

1. Application details and outcome

1.1. Permit application details

Permit number:	CPS 6244/4
Permit type:	Purpose permit
Applicant name:	Forge Resources Swan Pty Ltd
Application received:	15 October 2021
Application area:	63.5 hectares (ha) of native vegetation
Purpose of clearing:	Geotechnical, water and other investigations including associated access tracks
Method of clearing:	Mechanical
Property:	Lot 49 on Deposited Plan 220711 (Pastoral lease N050345) Sherlock Lot 51 on Deposited Plan 238028, (Pastoral lease N 050343), Sherlock and Chichester Lot 52 on Deposited Plan 238012, (Pastoral lease N 049532), Chichester, Lot 83 on Deposited Plan 238012, (Pastoral lease N 049532), Chichester Lot 78 on Deposited Plan 219351, Sherlock Lot 79 on Deposited Plan 219326, Sherlock Roebourne-Wittenoom Road (PIN 11732078), Chichester Un-named Road (PIN 11732085), Chichester Un-named Road, (PIN 11732086), Chichester Un-named Road (PIN 11732087), Chichester Un-named Road (PIN 11732112), Sherlock Croydon-Whim Creek Road (PIN 11732331), Sherlock Croydon-Mallina Road (PIN 11732331), Chichester Croydon-Whim Creek Road (PIN 11732137), Chichester Un-named Road (PIN 11732326), Chichester Un-named Road (PIN 11732106), Chichester Unallocated Crown Land (PIN 1017624), Chichester Unallocated Crown Land (PIN 1019499), Chichester Unallocated Crown Land (PIN 1019500), Chichester Unallocated Crown Land (PIN 1019502), Chichester Unallocated Crown Land (PIN 1180829), Chichester Unallocated Crown Land (PIN 1180830), Chichester Unallocated Crown Land (PIN 1258037), Sherlock
Location (LGA area/s):	Shire of Ashburton City of Karratha
Localities (suburb/s):	Sherlock, Chichester, Balla Balla

1.2. Description of clearing activities

The vegetation applied to be cleared remains 63.5 hectares within a reduced development envelope of 42,222 hectares (from 50,575 hectares) contained within a single contiguous area (see Figure 1 - 9, Section 1.5).

The amendment is to align the duration and the development envelope with the Section 91 Licence (S91) (Lic 00155/2014_AI 0886674). Following consultations with the Pilbara Ports Authority, as of 24 June 2022, the Section 91 Licence (S91) will no longer include any land north of the North West Coastal Highway as BBI Group has recently been granted the Balla Balla Port Reserve (53650) for this land, to be managed by the PPA.

The amendment to CPS 6244/3 is thus to extend the duration of the native vegetation clearing permit by 12 months and to decrease the footprint of the development envelope to exclude the area north of North West Coastal Highway. Please note the proposed clearing area would still allow the clearing of up to 63.5 hectares of native vegetation but now within a reduced footprint of 42,222 hectare development envelope (Section 1.5, Figure 1) to allow for the implementation of refinements to the proposed geotechnical, water and other investigations including associated access tracks.

1.3. Decision on application and key considerations

Decision:	Granted
Decision date:	20 June 2022
Decision area:	63.5 (ha) of native vegetation, as depicted in Section 1.5, below.

1.4. Reasons for decision

This clearing permit amendment application was submitted, accepted, assessed and determined in accordance with sections 51E and 51O of the Environmental Protection Act 1986 (EP Act). DWER advertised the application for public comment for 7 days and no submissions were received.

In making this decision, the Delegated Officer had regard for the site characteristics (see Appendix A), relevant datasets (see Appendix E), the findings of various surveys, the clearing principles set out in Schedule 5 of the EP Act (see **Error! Reference source not found.**), relevant planning instruments and any other matters considered relevant to the assessment (see Section 3).

The assessment determination has not changed since the assessment for CPS 6244/3.

The Delegated Officer determined that the proposed amendment to increase the clearing footprint is not likely to lead to an unacceptable risk to environmental values.

1.5. Site maps

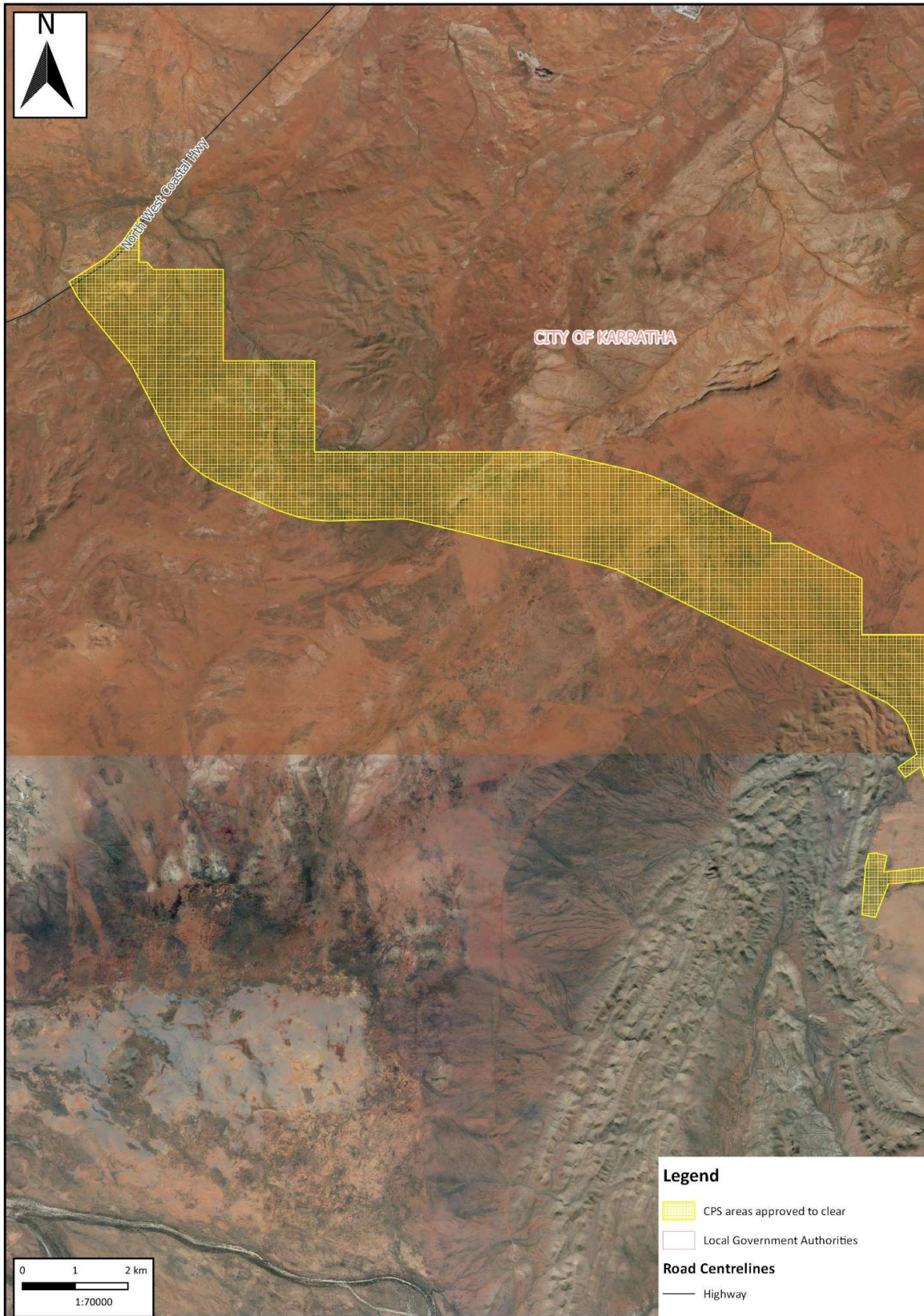


Figure 1. Map of the application area.

The area cross-hatched yellow indicate the footprint of the area authorised to be cleared under the granted clearing permit.

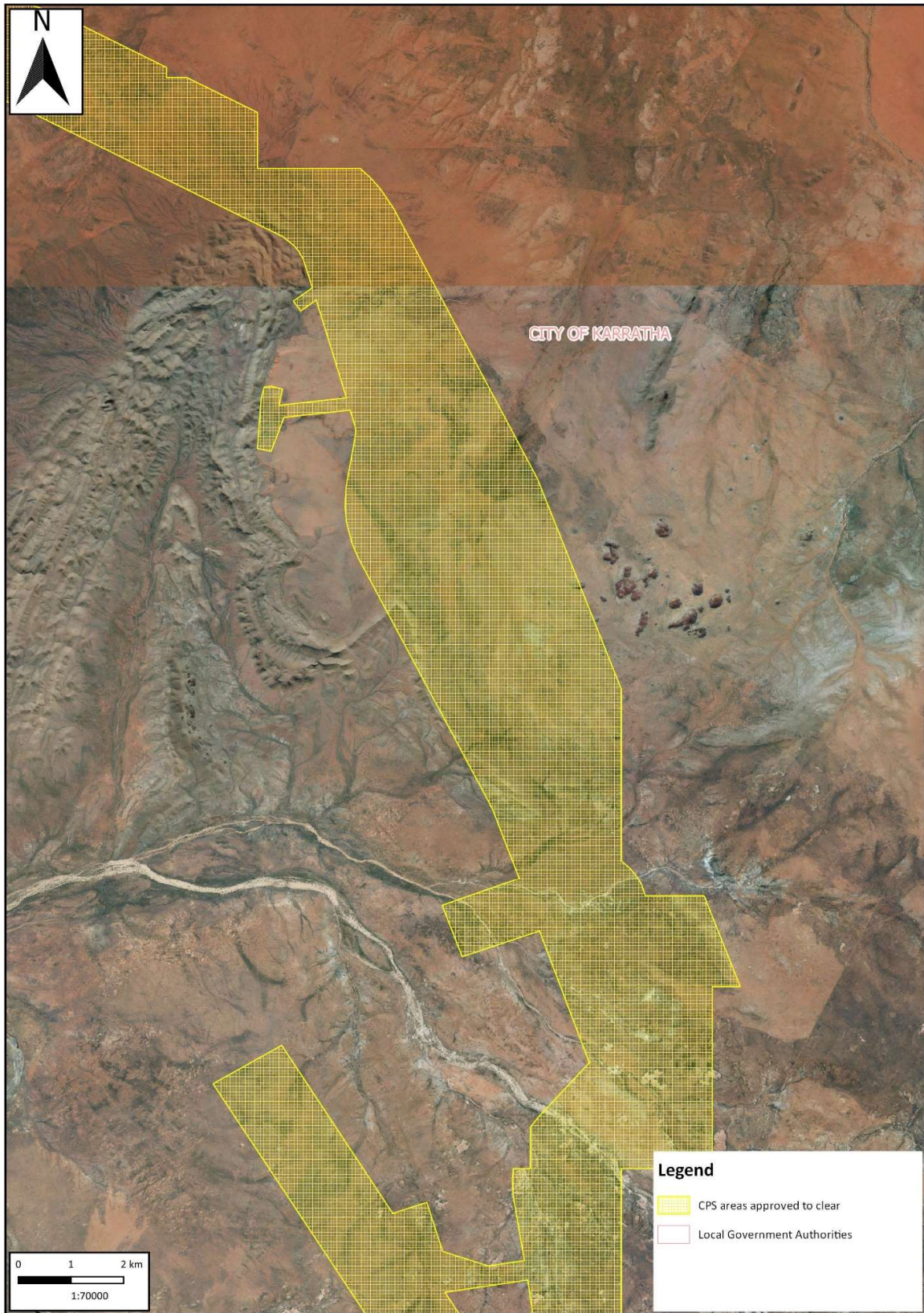


Figure 2. Map of the application area.

The area cross-hatched yellow indicate the footprint of the area authorised to be cleared under the granted clearing permit.

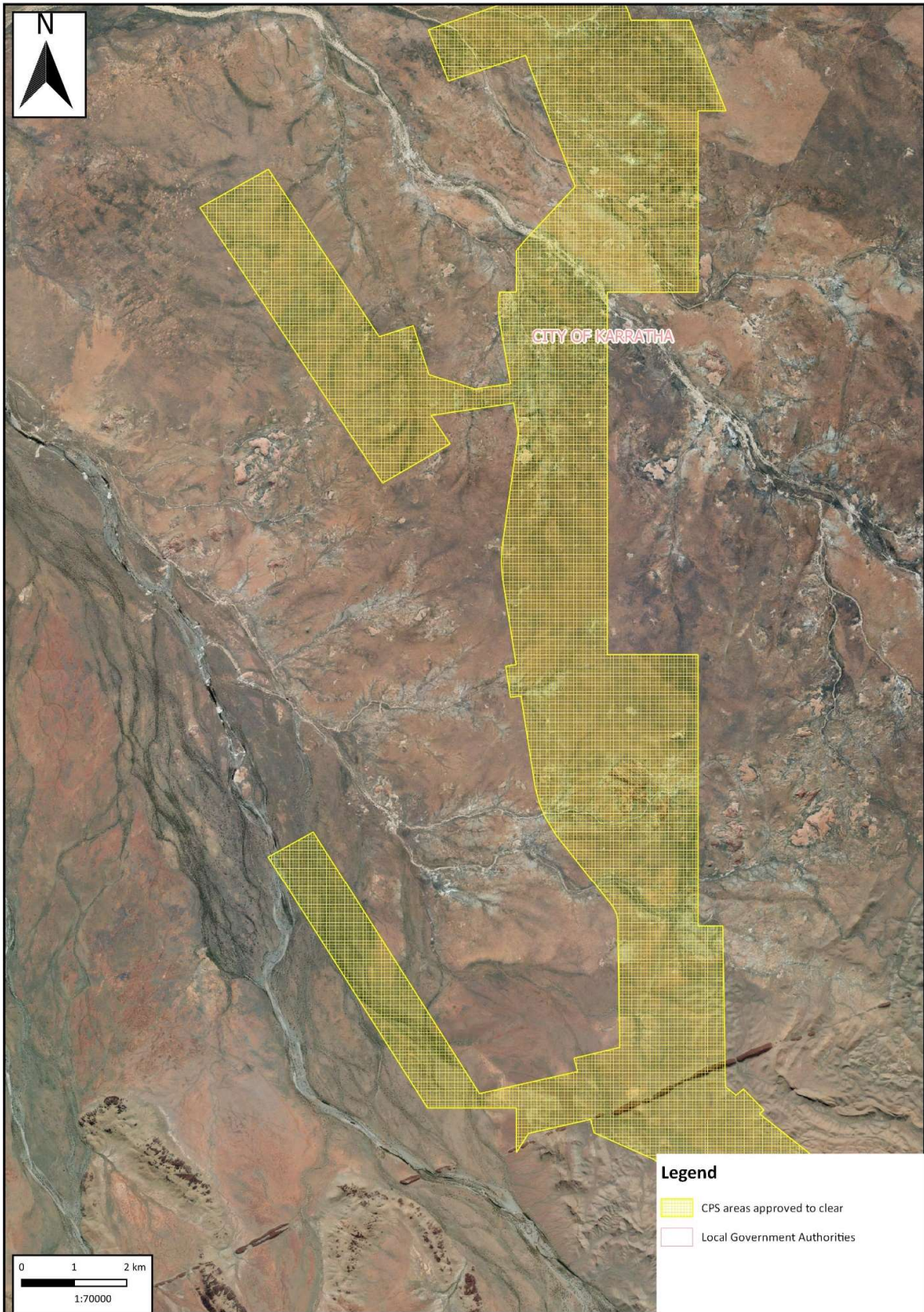


Figure 3. Map of the application area.

The area cross-hatched yellow indicate the footprint of the area authorised to be cleared under the granted clearing permit.

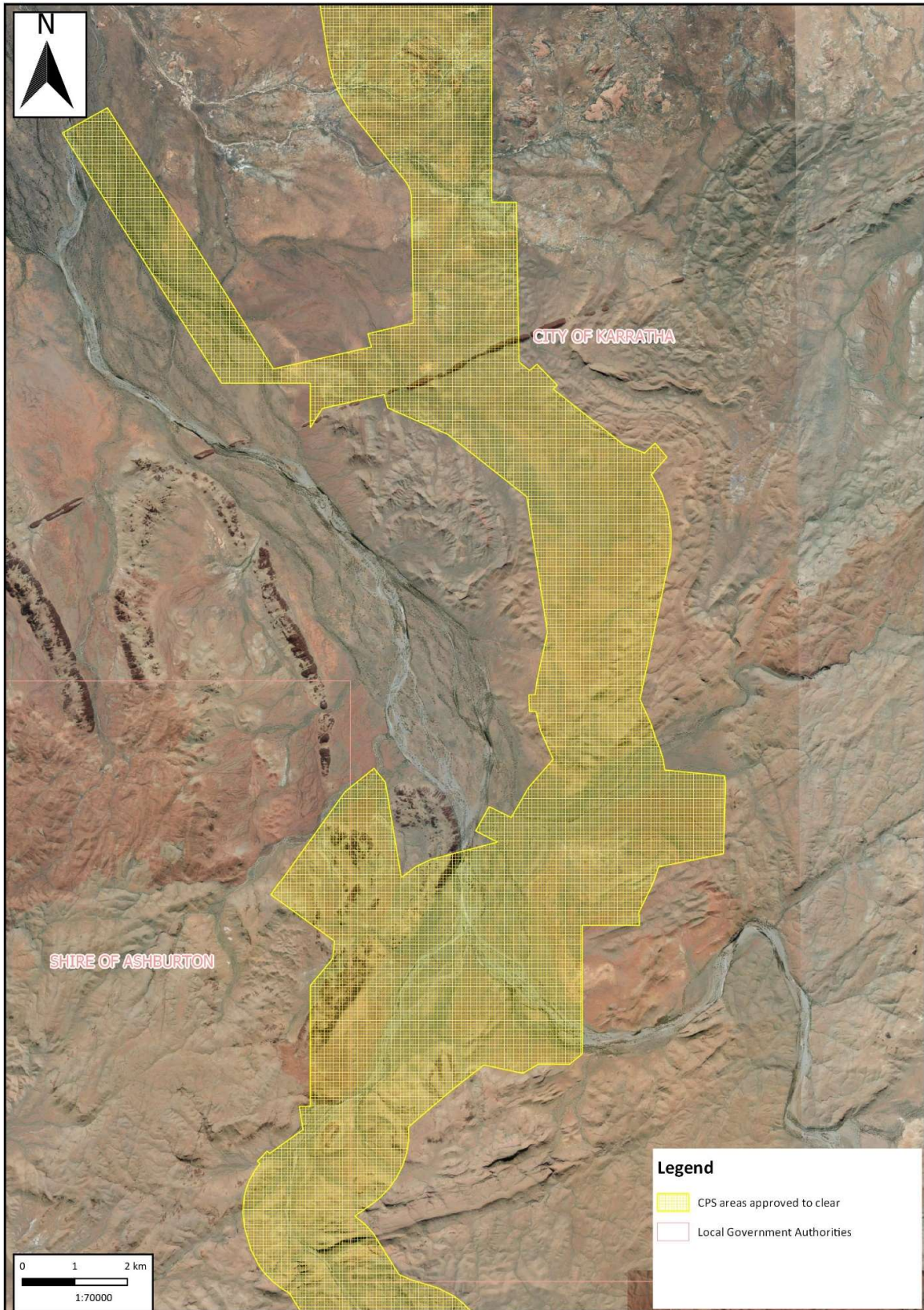


Figure 4. Map of the application area.

The area cross-hatched yellow indicate the footprint of the area authorised to be cleared under the granted clearing permit.



Figure 5. Map of the application area.

The area cross-hatched yellow indicate the footprint of the area authorised to be cleared under the granted clearing permit.

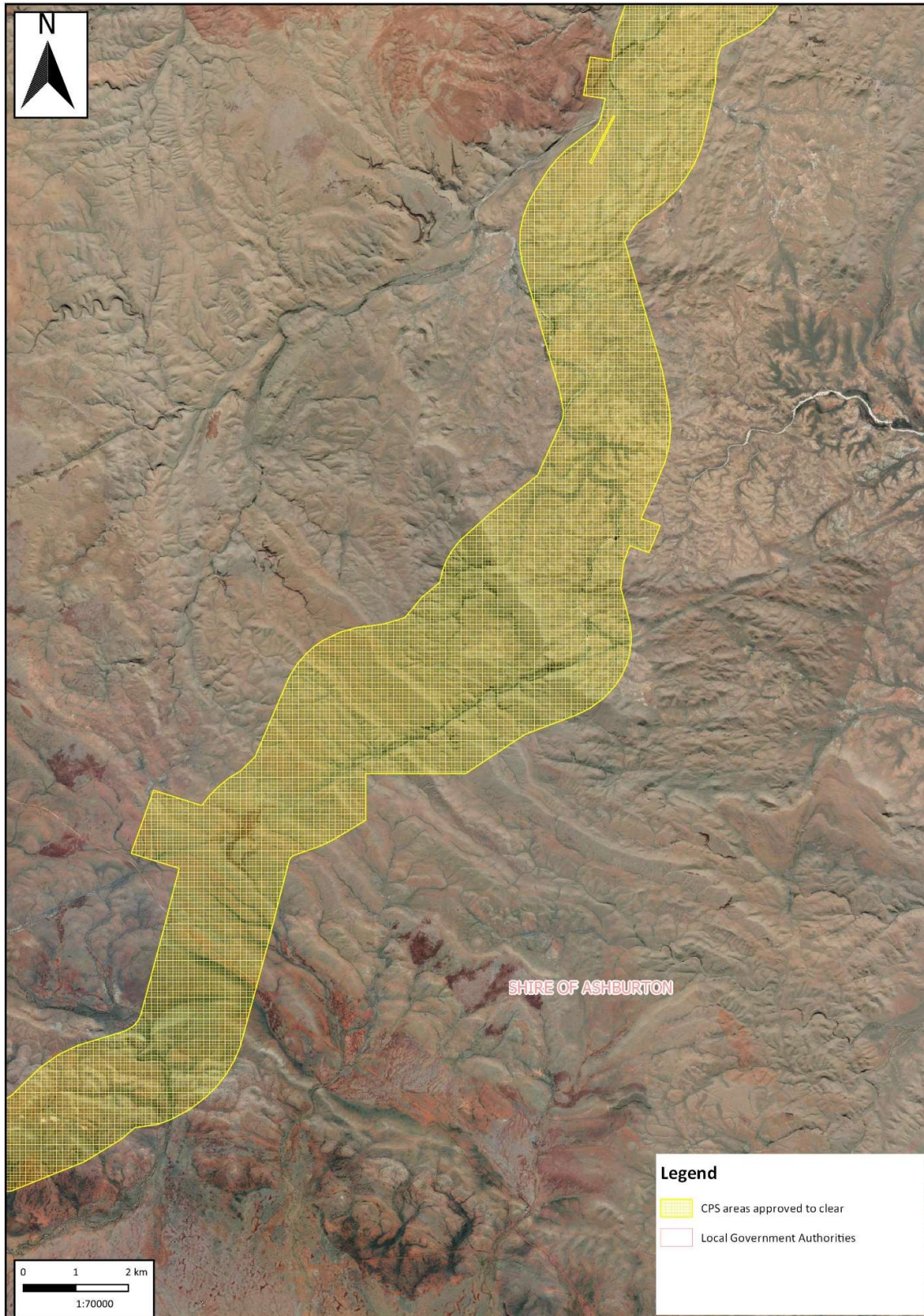


Figure 6. Map of the application area.

The area cross-hatched yellow indicate the footprint of the area authorised to be cleared under the granted clearing permit.



Figure 7. Map of the application area.

The area cross-hatched yellow indicate the footprint of the area authorised to be cleared under the granted clearing permit.

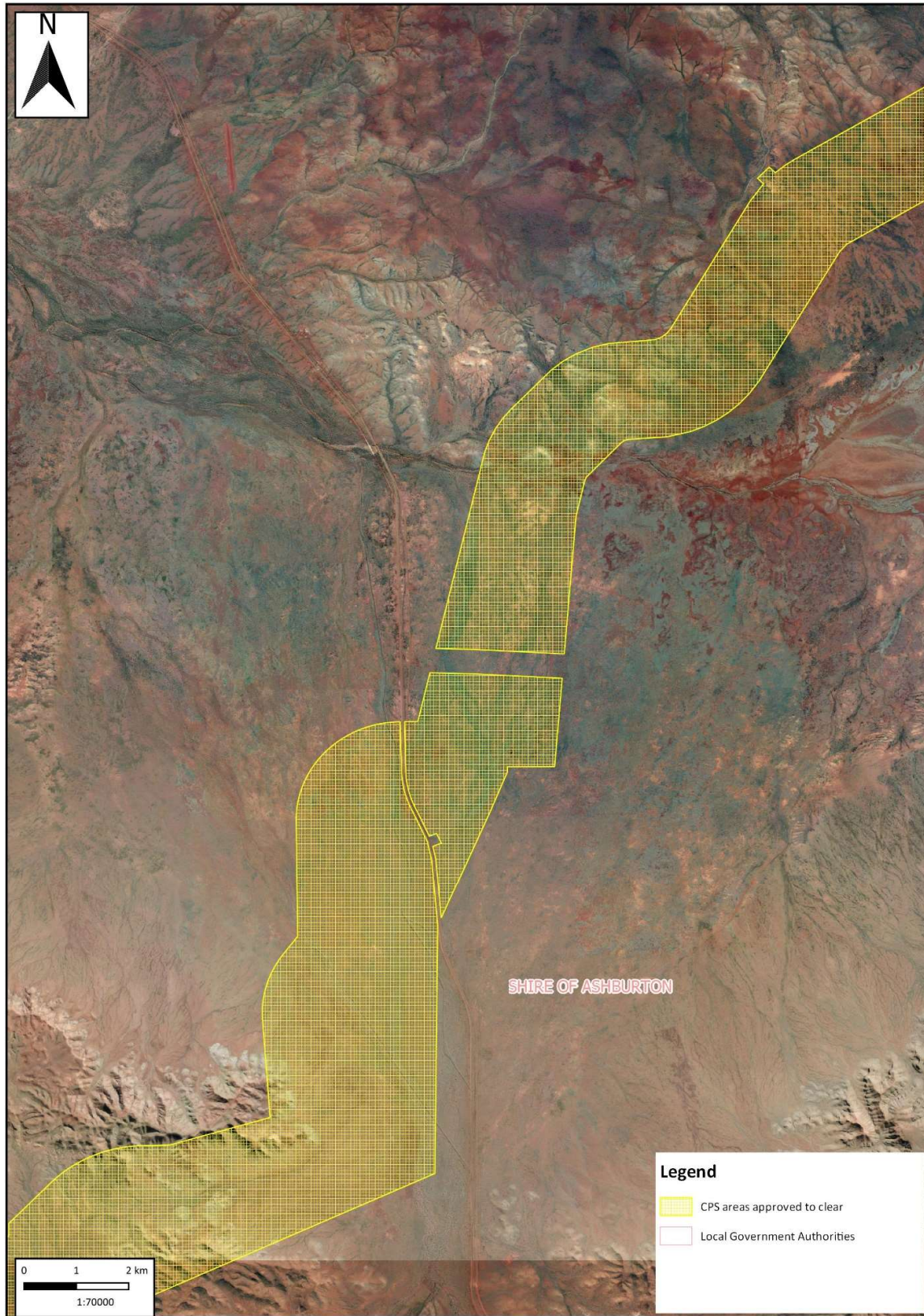


Figure 8. Map of the application area.

The area cross-hatched yellow indicate the footprint of the area authorised to be cleared under the granted clearing permit.

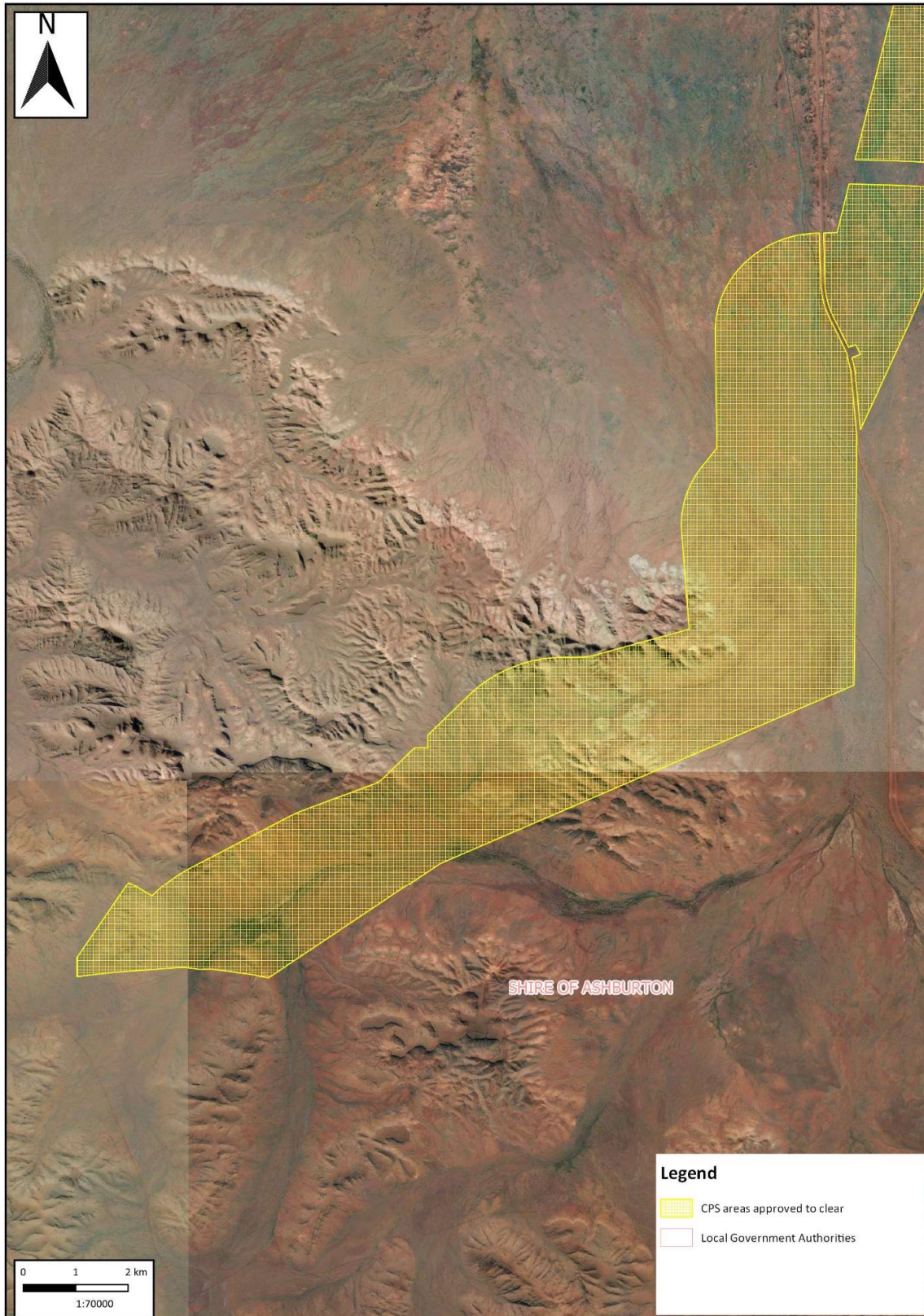


Figure 9. Map of the application area.

The area cross-hatched yellow indicate the footprint of the area authorised to be cleared under the granted clearing permit.

2. Assessment of application

2.1. Avoidance and mitigation measures

The applicant advised that where possible, existing or previously cleared access tracks will be utilised and areas of environmental significance or known habitat of threatened species will be avoided.

This adequately demonstrated that all reasonable efforts had been taken to avoid and minimise potential impacts of the clearing on environmental values.

2.2. Assessment

In assessing the application in accordance with section 51O of the EP Act, the Delegated Officer has examined the application and site characteristics (Appendix A) and considered whether the clearing poses a risk to environmental values.

A review of current environmental information (Appendix A) reveals that the assessment against the clearing principles has not changed from the Clearing Permit Decision Report CPS 6244/3.

It is the permit holder's responsibility to comply with the *Aboriginal Heritage Act 1972* (WA) and ensure that no Aboriginal Sites of Significance are damaged through the clearing process.

Appendix A – References and databases

1. GIS datasets

Publicly available GIS Databases used (sourced from www.data.wa.gov.au):

- Aboriginal Heritage Places (DPLH-001)
- Cadastre Address (LGATE-002)
- Contours (DPIRD-073)
- DBCA – Lands of Interest (DBCA-012)
- DBCA Legislated Lands and Waters (DBCA-011)
- Directory of Important Wetlands in Australia – Western Australia (DBCA-045)
- Environmentally Sensitive Areas (DWER-046)
- Flood Risk (DPIRD-007)
- Groundwater Salinity Statewide (DWER-026)
- IBRA Vegetation Statistics
- Local Planning Scheme – Zones and Reserves (DPLH-071)
- Regional Parks (DBCA-026)
- Soil and Landscape Mapping – Best Available

Restricted GIS Databases used:

- ICMS (Incident Complaints Management System) – Points and Polygons
- Threatened Flora (TPFL)
- Threatened Flora (WAHerb)
- Threatened Fauna
- Threatened Ecological Communities and Priority Ecological Communities
- Threatened Ecological Communities and Priority Ecological Communities (Buffers)

2. References

Forge Resources Swan Pty Ltd (2021). Amendment permit application form and supporting information for Clearing Permit Amendment Application CPS 6244/4 (DWER Ref: DER2014/001845-1)

Forge Resources Swan Pty Ltd (2021). Additional information for Clearing Permit Amendment Application CPS 6244/4 (DWER Ref: DWERDT614568 & DWERDT619999)

Shepherd, D.P., Beeston, G.R., and Hopkins, A.J.M. (2002). Native vegetation in Western Australia: extent, type and status. Technical Report 249. Department of Agriculture and Food, Western Australia.

Trudgen, M.E. (1988). A Report on the Flora and Vegetation of the Port Kennedy Area. Unpublished report prepared for Bowman Bishaw and Associates, West Perth.