



Etheridge Shire Council

General Meeting

13th September 2023

Subject

Closure of Shire Offices, Depot Administration, Workshop, Outside Work Crews, Town Crews, Terrestrial Centre & Little Gems Children's Centre between Christmas and New Year

Classification

Open

Author

Jodi Kernan, HR/Payroll

EXECUTIVE SUMMARY

Each year council has closed the Shire operations over the Christmas and New Year period to allow staff to enjoy the festive season with family and friends, in appreciation of the dedication to Council throughout the year.

RECOMMENDATION

That Council:

Endorses the closure of:

- *the Shire and Depot Administration Offices, Terrestrial Centre, Little Gems Childcare Centre, Town Crews and Workshop from Thursday 21st December 2023 to 7th January 2023 with the return to work date being Monday 8th January 2023;*
- *the Road and RMPC Crews from Thursday 14th December 2023 to 22nd January 2024 with the return to work date being Tuesday 23rd January 2024,*

Subject to appropriate on-call arrangements with senior staff being put into place for emergency matters.

BACKGROUND

The closure of Council over the Christmas and New Year period has been a consistent decision of Council to recognise the dedication and work that has been undertaken throughout the year by its employees.

1. Closure of Admin & Depot Offices, Terrestrial, Little Gems Childcare, Workshop & Town Crews

In accordance with previous decisions of Council and also in accordance with Council's current Enterprise Bargaining Agreement 2012, management is seeking Council's favorable consideration regarding the closure of its Shire & Depot Administration Offices, Terrestrial Centre, Little Gems Childcare Centre, Workshop & Town Crews from Thursday 21st December 2023 to Sunday 7th January 2024, with staff returning to work on Monday 8th January 2024.

Town & Water Crews will continue to operate on their appropriate on-call roster considering anyone on leave over the Christmas period. The on-call roster will be finalized with impacted staff notified by November.

Thurs 21-12	Fri 22-12	Sat 23-12	Sun 24-12	Mon 25-12	Tues 26-12	Wed 27-12	Thurs 28-12	Fri 29-12	Sat 30-12	Sun 31-12	Mon 01-01	Tues 02-01	Wed 03-01	Thurs 04-01	Fri 05-01
Leave Day	Leave Day	Weekend	Weekend	Xmas Day P/H	Boxing Day P/H	Leave Day	Leave Day	Leave Day	Weekend	Weekend	NY Day P/H	Leave Day	Leave Day	Leave Day	Leave Day

2. Closure of RMPC & Road Crews

In accordance with previous decisions of Council and also in accordance with Council’s current Enterprise Bargaining Agreement 2012, management is seeking Councils favorable consideration regarding the closure of its RMPC & Road Crews Thursday 14th December 2023 to Monday 22nd January 2024, with staff returning to work on Tuesday 23rd January 2024.

Tues 19-12	Wed 20-12	Thurs 21-12	Fri 22-12	Sat 23-12	Sun 24-12	Mon 25-12	Tues 26-12	Wed 27-12	Thurs 28-12	Fri 29-12	Sat 30-12	Sun 31-12	Mon 1-01
Leave Day	Leave Day	Leave Day	Leave Day	Leave Day	Leave Day PAY 13	Xmas Day P/H	Boxing Day P/H	Leave Day	Off Shift	Off Shift	Off Shift	Off Shift	NY Day P/H

Tues 2-01	Wed 3-01	Thurs 4-01	Fri 5-01	Sat 6-01	Sun 7-01	Mon 8-01	Tues 9-01	Wed 10-01	Thurs 11-01	Fri 12-01	Sat 13-01	Sun 14-01	Mon 15-01	Tues 16-01
Leave Day	Leave Day	Leave Day	Leave Day	Leave Day	Leave Day PAY 14	Leave Day	Leave Day	Leave Day	Leave Day	Leave Day	Weekend	Weekend PAY 15	Leave Day	Leave Day

Wed 17-01	Thurs 18-01	Fri 19-01	Sat 20-01	Sun 21-01	Mon 22-01	Tues 23-01
Leave Day	Off Shift	Off Shift	Off Shift	Off Shift	Off Shift	Return to work

Over the past years, Council has closed its offices during the Christmas – New Year period to allow staff to enjoy the festive season with their family and friends. Employees take annual leave, RDO’s or TOIL to cover the time away from work.

Over this period there is a necessity to have a small skeleton crew (1, 2 to 3 People) on to carry out any emergency works and safety call outs during this period. This small crew will have set tasks to do over this period and will only work a 9-hour day on the highlighted days above.

If there is a requirement to work on any of the other days this will be done on a call out basis and will require approval of Chief Executive Officer, Director of Corporate Services, Director of Engineering Services or Infrastructure Services Operations Manager.

Government Departments, Solicitors and Consultants are generally closed during this period and there is also very little activity that occurs during this period. In support of discussions held with staff, I respectfully seek Councils endorsement in relation to this request.

LINK TO CORPORATE PLAN

Corporate Aim No. 5

Best Practice Corporate Governance & Organisational Excellence.

BUDGET & RESOURCE CONSIDERATIONS

During this period there are three (3) Statutory Public Holidays during the proposed closure.

Employees normally take annual leave; accumulated RDO's or TOIL to cover the other non-statutory days. Council has provisioned for Public Holidays within the 2023/2024 Budget as well as leave entitlements. There are no additional costs for Council regarding this matter except for the loss in productivity.

CONSULTATION

Discussed with relevant staff and in-line with established protocols and past practices. Suggest that the Council and Community Christmas Party be hosted on Wednesday afternoon/evening 13th December 2023 in line with the break up.

LEGAL CONSIDERATIONS

Not Applicable

POLICY IMPLICATIONS

Not Applicable

RISK ASSESSMENT

Risk	Person affected/ location	Risk Rating	Risk Control Measures	By who when	Notes
Failure to allow the annual closure	Council/ Community	D3 Moderate	Management would need to manage the leave requests to ensure that Council could function and operate effectively & efficiently	CEO, DCS, DES, Mgrs	
Impact on the relationship between employees & Council if annual closure was not granted	Employees	C3 - Moderate	Management would need to address staff and remind them of their obligations under the Code of Conduct	CEO, DCS, DES	

CONSEQUENCE					
LIKELIHOOD*	Insignificant 1	Minor 2	Moderate 3	Major 4	Catastrophic 5
A (Almost certain)	H	H	E	E	E
B (Likely)	M	H	H	E	E
C (Possible)	L	M	H	E	E
D (Unlikely)	L	L	M	H	E
E (Rare)	L	L	M	H	H

OUTCOME

Report Prepared By:	Report Authorised By:
Jodi Kernan, Payroll Officer/HR Assistant	Ken Timms, Chief Executive Officer



Etheridge Shire Council

General Meeting	13 th September 2023
Subject	Material Change of Use – Extractive Industry (15 Gravel Pits)
Classification	Open
Author	Liz Taylor, Consultant Town Planner

EXECUTIVE SUMMARY

In July 2023, an Application for Material Change of Use (MCU) was lodged with Council for Extractive Industry – (15 Gravel Pits). The Application is Impact Assessable against the Planning Scheme and Public Notification of the Application was required.

During Public Notification one (1) submission was received. The Application is reported to Council and recommended for approval, subject to conditions.

The proposed development is recommended for approval as it is compliant with the Planning Scheme and is an important project for the Shire, which will ensure the long term viability and lawful operation of all Gravel Pits, current and new, within the Shire.

In summary, the proposed development complies with the Planning Scheme and is recommended for approval, subject to reasonable and relevant conditions.

RECOMMENDATION

That the Council resolve:

- Public Notification is compliant with the Section 53 of the Planning Act 2016.
- In accordance with the Planning Act 2016, as amended, the applicant be notified that the application for a Development Permit for Material Change of Use – Extractive Industry (15 Gravel Pits) on land described as:

Current Pits (Application)	New Pits
* Lot 2 on SP242983	* Lot 2 on SP242983
* Lot 235 on PH73	* Lot 235 on PH73
* Lot 171 on E1835473	* Lot 320 on AP4581
* Lot 4 on PH1199	
* Lot 2034 on PH1199	
* Lot 171 on E1835473	* Lot 5 on SP323728
* Lot 235 on PH73	* Lot 1 on SP242983
* Lot 4533 on PH1199	
* Lot 5 on E1813291	

is approved subject to the conditions detailed below.

A. ASSESSMENT MANAGER CONDITIONS (COUNCIL)

- The development shall be undertaken substantially in accordance with the submitted documentation and submitted Gravel Pit Plans, except where modified by any conditions below, to the satisfaction of the Chief Executive Officer or delegate:

GRAVEL PIT NAME	AREA	REAL PROPERTY DESCRIPTION
Abingdon Downs 017	54.91 ha	Lot 4533 PH1199
Abingdon Downs 031	62.74 ha	Lot 171 E1835473
Agate Creek Road 10	7.93 ha	Lot 2 SP242983
Oak Park 007	22.86 ha	Lot 235 PH73
Oak Park 14	21.58 ha	Lot 2 PY26
Beverley Hills 09	73.54 ha	Lot 5 SP323728
Dagworth 14	57.67 ha	Lot 5 E1813291
Gilberton 19	26.42 ha	Lot 320 AP4581

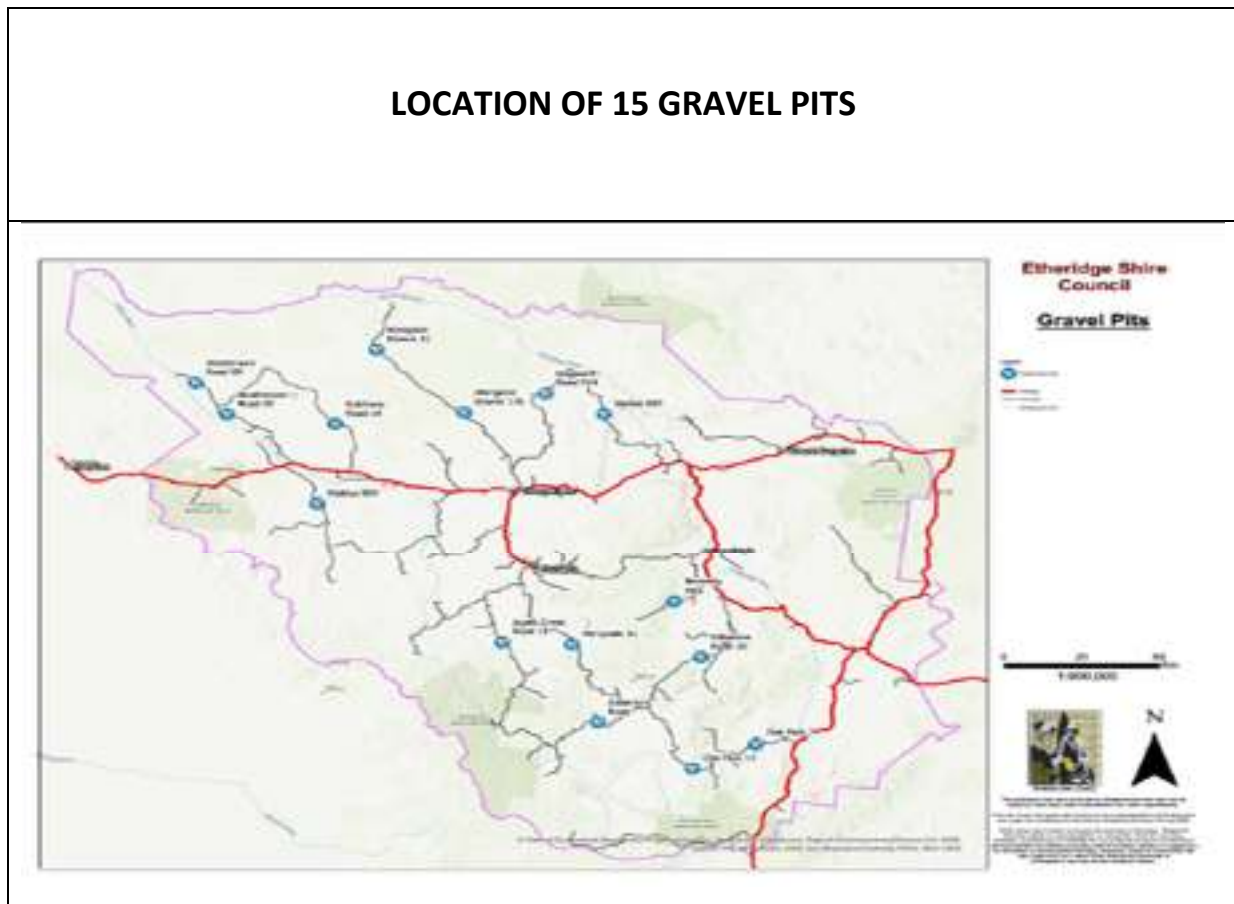
Gilberton 35	55.43 ha	Lot 66 SP304951
Kutchera 014	162.11 ha	Lot 2034 PH568
Paddys Road 09	8.64 ha	Lot 254 SP266605
Percyvale 01	9.15 ha	Lot 1 SP242983
Strathmore 05	150.88 ha	Lot 38 ET813287
Strathmore 09	179.09 ha	Lot 4 SE1
Vanlee 007	9.43 ha	Lot 2909 PH1368

2. Compliance is required with the most current revision of the Quarry Management Plan (QMP) prepared for Etheridge Shire Council under Sales Permit: 201609017, to the satisfaction of the Chief Executive Officer or delegate.
3. Gravel Pit operations will be carried out in accordance with the QMP and all DES, DAF & ESC Policy and Environmental Authority requirements.
4. If unactioned, this development approval lapses six (6) years after the day that the development approval takes effect, unless extended under the Planning Act 2016.
5. Should any of the Council's assets be damaged during Gravel Pit operations, the cost of the reinstatement of all such assets shall be met by the applicant/proponent, to the satisfaction of the Chief Executive Officer or delegate.

BACKGROUND

All the Gravel Pit sites are located on Rural zoned land within the Shire and the location of all the Gravel Pits is shown on the map below.

LOCATION OF 15 GRAVEL PITS



PROPOSED DEVELOPMENT

The Council operates 10 Gravel Pits in the Shire that are proposed for expansion. In addition, five (5) new Gravel Pit sites have been identified. All Gravel Pits are expected to have a 20-year operational lifespan and a proposed production rate of 5,500m³/month.

Gravel extraction at all pits will be undertaken to:

- Conserve remnant ecosystems and prevent/minimise loss of biodiversity;
- Maintain ecological processes; and
- Minimise land degradation.

Pit operations will be carried out in accordance with all DES, DAF & ESC policy requirements and an Environmental Authority (EA) and a Quarry Management Plan (QMP).

Operations involve the winning of gravel material by heavy machinery (dozers and excavators) which will then be stockpiled, prior to crushing and/or screening to grade the material. Stockpiled gravel may be mixed, blended or pugged on site for loading onto trucks for delivery. Topsoil and overburden will be stockpiled separately for use in resurfacing and rehabilitation activities of each Gravel Pit.

The graded gravel will be used, primarily, for construction, rehabilitation and maintenance operations on the unsealed road network in the Shire.

All Gravel Pits will operate under a Quarry Management Plan (QMP) under Sales Permit Number: 201609017 with Etheridge Shire Council as Permittee. A copy of the QMP – revised 07 September 2023, is attached at Appendix 1.

Plans showing the location of each Gravel Pit site are attached at Appendix 2.

TOWN PLANNING ASSESSMENT

The proposed development requires assessment against the Etheridge Shire Planning Scheme 2020.

Etheridge Shire Planning Scheme 2020

Under the Etheridge Shire Planning Scheme, all Gravel Pits are located on Rural zoned land. The Application is Impact Assessable against the relevant provisions of the following provisions/Codes:

- Strategic Framework;
- Rural Zone Code; and
- General Development Code.

An assessment of the proposed development, against the relevant Planning Scheme provisions, is outlined below.

Strategic Framework

The Strategic Framework sets the policy direction for the Planning Scheme. Under section 3.3.1.3 of the SF, it states:

Extractive industry sites are to be rehabilitated once the resource has been exhausted or the extractive industry use becomes no longer viable.

The proposed development of Extractive Industry – 15 Gravel Pits, is supported by the Strategic Framework, provided sites are rehabilitated. The QMP includes relevant provisions relating to the rehabilitation of the Gravel Pit sites once the resource is exhausted.

Rural Zone Code

The following Purpose statement and Overall Outcomes of the Zone Code also support the proposed development.

Purpose
<p>The purpose of the Rural zone is to:</p> <p>(a) provide for rural uses and activities;</p> <p>(g) ensure development protects extractive industry or potential resource sites for future development, and also protects existing rural uses from impacts of proposed extractive industry and associated activities;</p>
Overall Outcomes
<p>(c) new extractive activities are established with minimum impact on the viability of existing agricultural, residential and tourist uses, or areas of environmental significance including hydrological processes beyond the site’s boundary;</p>

The proposed development is compliant with relevant provisions of the Rural Zone Code.

General Development Code

The Purpose of the Code is:

to ensure that development is complementary to Etheridge Shire and is located, designed and managed in a safe and efficient manner.

The relevant Overall outcomes of the Code to this development, are:

- (1) Development has a safe and practical site layout;
- (3) Development conserves and protects local heritage places and items, Aboriginal cultural heritage, and safeguards archaeology and archaeological potential;
- (8) Development in a natural hazard area is avoided or mitigated to protect people and property and enhance the community's resilience to natural hazards;
- (9) Development is located to protect and enhance matters of national, state and local environmental significance, landscape values and ecological connectivity;

The proposed development can comply with the relevant Purpose statement and Overall outcomes of the General Development Code.

Relevant Performance Outcomes and Acceptable Outcomes:

PO & AO		COMMENT
<p>Development Located in a Flood Hazard Area as identified in Schedule 2 - Mapping</p> <p>PO11 Development located on a site or sub-site or lot of land is not located in a flood hazard area as identified in Schedule 2 - Mapping or is located in a flood hazard area and is designed in accordance with the provisions of the relevant standard and is designed to protect the safety of all those who use the site, structure and equipment.</p> <p>AO11 The development must ensure the development is not located in a flood hazard area as identified in Schedule 2 - Mapping or is located in a flood hazard area and is designed in accordance with the provisions of the relevant standard and is designed to protect the safety of all those who use the site, structure and equipment.</p>		Complies
<p>PO12 Development on a site identified as a rural hazard area is not located in a flood hazard area as identified in Schedule 2 - Mapping or is located in a flood hazard area and is designed in accordance with the provisions of the relevant standard and is designed to protect the safety of all those who use the site, structure and equipment.</p> <p>AO12 The development must ensure the development is not located in a flood hazard area as identified in Schedule 2 - Mapping or is located in a flood hazard area and is designed in accordance with the provisions of the relevant standard and is designed to protect the safety of all those who use the site, structure and equipment.</p>		
<p>PO13 The development is not located in a flood hazard area as identified in Schedule 2 - Mapping or is located in a flood hazard area and is designed in accordance with the provisions of the relevant standard and is designed to protect the safety of all those who use the site, structure and equipment.</p> <p>AO13 The development must ensure the development is not located in a flood hazard area as identified in Schedule 2 - Mapping or is located in a flood hazard area and is designed in accordance with the provisions of the relevant standard and is designed to protect the safety of all those who use the site, structure and equipment.</p>		Complies

The proposed development is compliant with relevant provisions of the General Development Code.

Compliance is achieved or can be conditioned to comply with the relevant provisions of the 2002 Planning Scheme.

REFFERAL AGENCIES

Not Applicable, State referral not required.

PUBLIC NOTIFICATION

During the Public Notification period one (1) submission was received from Savannah Goldfields, the concerns are as follows:

Grounds of the submission: Two areas (Agate Creek Rd 10 and Percyvale 01) of the proposed development sit on existing gold prospects within Savannah Goldfields Exploration Tenement EPM 26460. These prospects show significant potential to add to Savannahs existing resource base in the area. Refer to Attachment A for further information.

The submission is as follows:

Savannah Goldfields wishes to formally object to two of the proposed areas in the Development Application DA2023-003. These two areas are Agate Creek Road 10 and Percyvale 01 both of which sit on significant gold prospects within Savannah Goldfields Exploration Tenement EPM 26460. Agate Creek Road 10 sits within the Kimberley Sue Maar Complex which is 4km long by 2.5km wide. The area has had a significant number of drillholes with several showing significant results up to 33g/t Au. The area is scheduled for further drilling in 2023.

Percyvale01 sits along strike of a major mineralized structure that runs from Black Blow in the NW through Savannahs Jubilee Plunger Pit (ML3374) to Oaky Creek and Jedda Vein in the SE over approximately 15km. This structure dips shallowly to the NE and shows significant Au results (up to 184g/t) from rockchip sampling along its length and is scheduled for drilling in

2023. The oxide part of the Jubilee Plunger deposit was mined by previous companies and Savannah expects to continue mining here in the next few years. Several prospects along the structure are expected to add significantly to Savannahs existing resource base.

See attachment A for maps and further details.

Facts and circumstances relied on in support of the grounds of the submission:

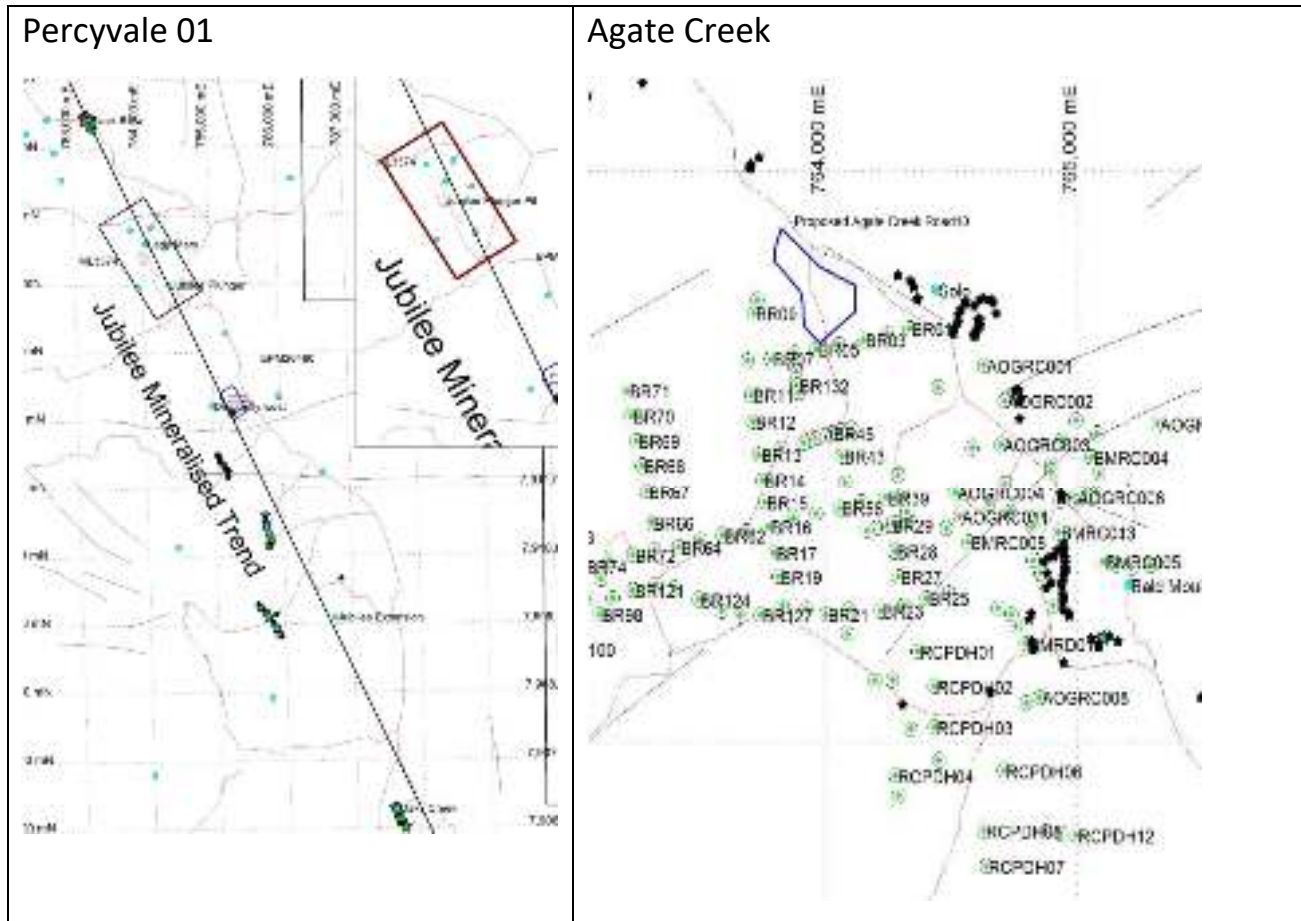
The proposed areas at Agate Creek Road 10 and Percyvale 01 sit on advanced prospects on which Savannah has invested significant time and money conducting exploration. Both of these prospects have returned significant results from work completed to date and show excellent potential to add to Savannahs current resource base. The proposed development of these two areas will significantly impact Savannahs ability to continue to explore these prospects and bring them into the production pipeline. Refer to Attachment A.

COMMENT

A submission must be based on valid planning and environmental grounds.

In this instance, the submission is made on commercial grounds that is, a perceived potential constraint on areas available for exploration for minerals. The submitter does not identify any specific provisions of the Planning Scheme with which the proposed development conflicts.

It is also important to understand that the submitters Exploration Permit for Minerals (EPM) 26460, has a 10-year term, remaining current up to January 2028 and covers an area of thousands of hectares. The areas of disturbance for the extractive industry activities proposed at the 'Agate Creek Road 10' (42.55ha) and 'Percyvale 01' (8.75ha) represent a very small part of the large expanse of land available to be explored under EPM 26460. Plans submitted with the Submission, show more intensive drilling in other parts of the mining tenement than the two proposed Gravel Pit sites.



The submission does not identify any areas of non-compliance with the provisions of the Planning Scheme and therefore has not been made on valid planning and environmental grounds.

The Public Notification of the proposed 15 Gravel Pits was undertaken in a slightly different way to normal/prescribed Public Notification in the DA Rules, for practical purposes, as follows:

- Notice boards were placed on a road reserve in close proximity to each Gravel Pit site, rather than placing Notice boards on every road frontage to which each large lot containing a Gravel Pit site had frontage, which would have caused confusion.
- Letters to adjoining landowners highlighted the specific Gravel Pit which was relevant to that landowner, again to avoid confusion.

The Planning Act, 2016, at Section 53 (3), refer below, provides some discretion to the Assessment Manager, as follows.

53 Publicly notifying certain development applications

- (1) An applicant must give notice of a development application if—
 - (a) any part of the application requires impact assessment; or
 - (b) the application includes a variation request.
- (2) The notice must be given in the way or ways stated in the development assessment rules.
- (3) However, the assessment manager may assess and decide a development application even if some of the requirements of the development assessment rules about the notice have not been complied with, if the assessment manager considers any noncompliance has not—
 - (a) adversely affected the public’s awareness of the existence and nature of the application; or
 - (b) restricted the public’s opportunity to make properly made submissions about the application.

The way the Public Notification process was undertaken is not in conflict with (a) and (b) above.

A separate resolution is included in the recommendation for Council to acknowledge and accept the variation to the standard/prescribed Public Notification process, as provided for in the Planning Act 2016.

[LINK TO CORPORATE PLAN](#)

POLICY IMPLICATIONS

Not Applicable

RISK ASSESSMENT

CONSEQUENCE					
LIKELIHOOD*	Insignificant 1	Minor 2	Moderate 3	Major 4	Catastrophic 5
A (Almost certain)	H	H	E	E	E
B (Likely)	M	H	H	E	E
C (Possible)	L	M	H	E	E
D (Unlikely)	L	L	M	H	E
E (Rare)	L	L	M	H	H

OUTCOME

Report Prepared By:	Report Authorised By:
Liz Taylor, Consultant Town Planner	Ken Timms, Chief Executive Officer
Date: 08/09/2023	Date: 08/09/2023



QUARRY MANAGEMENT PLAN

For

Etheridge Shire Council



SALES PERMIT NUMBER: 201609017

PERMITTEE: *Etheridge Shire Council*

Section 1 – DESCRIPTION OF THE QUARRY AND EXTRACTION OPERATION

PERMITTEE DETAILS:

BUSINESS NAME: Etheridge Shire Council

ABN: 57 665 238 857

SITE CONTACT: Chief Executive Officer

Contact details: Ph: 40621285
Email: Ken.timms@etheridge.qld.gov.au

Environmental Authority permit # P-EA--100431476

Table 1: Quarries Location Details

Quarry Name	Lot	Plan	Nearest Road	Nearest Town	Other Information
Oak Park 14	2	PY26	Bagstowe Road	Greenvale	<ul style="list-style-type: none"> ➤ Location: is located off Oak Park Road, Chainage (m): 38500 ➤ GPS: -18.296771, 143.545531 ➤ Sales Permit: 201609017 ➤ Environmental Authority: In progress ➤ Landholder Agreement: Lands Lease ➤ Access: Oak Park Road ➤ Cultural Heritage: QCD2013/007, Ewamian People ➤ Watercourse within 100m: YES
Oak Park 007	235	PH73	Bagstowe Road	Greenvale	<ul style="list-style-type: none"> ➤ Location: is located off Oak Park Road, Chainage (m): 14000 ➤ GPS: -18.296831, 143.545565 ➤ Sales Permit: 201609017 ➤ Environmental Authority: In progress ➤ Landholder Agreement: Lands Lease ➤ Access: Oak Park Road ➤ Cultural Heritage: QCD2013/007, Ewamian People ➤ Watercourse within 100m: YES
Strathmore 05	38	ET813287	Strathmore Road	Georgetown	<ul style="list-style-type: none"> ➤ Location: is located off Strathmore Road, Chainage (m): 30500

					<ul style="list-style-type: none"> ➤ GPS: -18.296835, 143.545614 ➤ Sales Permit: 201609017 ➤ Environmental Authority: In progress ➤ Landholder Agreement: Lands Lease ➤ Access: Strathmore Road ➤ Cultural Heritage: QCD2013/007 Ewamian People ➤ Watercourse within 100m: YES
Strathmore 09	4	SE1	Strathmore Road	Georgetown	<ul style="list-style-type: none"> ➤ Location: is located off Strathmore Road, Chainage (m): 49000 ➤ GPS: -18.296835, 143.545613 ➤ Sales Permit: 201609017 ➤ Environmental Authority: In progress ➤ Landholder Agreement: Lands Lease ➤ Access: Strathmore Road ➤ Cultural Heritage: QCD2013/007 Ewamian People ➤ Watercourse within 100m: YES
Kutchera 014	2034	PH568	Kutchera Road	Georgetown	<ul style="list-style-type: none"> ➤ Location: is located off Kutchera Road, Chainage (m): 24500 ➤ GPS: -18.296836, 143.545619 ➤ Sales Permit: 201609017 ➤ Environmental Authority: In progress ➤ Landholder Agreement: Lands Lease ➤ Access: Kutchera Road ➤ Cultural Heritage: QCD2013/007 Ewamian People ➤ Watercourse within 100m: YES
Abingdon Downs 031	171	EI835473	Abingdon Downs Road	Mount Surprise	<ul style="list-style-type: none"> ➤ Location: is located off Abingdon Downs Road, Chainage (m): 81000 ➤ GPS: -18.296831, 143.545617 ➤ Sales Permit: 201609017 ➤ Environmental Authority: In progress ➤ Landholder Agreement: Lands Lease ➤ Access: Abingdon Downs Road ➤ Cultural Heritage: QCD2013/007 Ewamian People ➤ Watercourse within 100m: YES
Vanlee 007	2909	SP312712	Vanlee Road	Mount Surprise	<ul style="list-style-type: none"> ➤ Location: is located off Vanlee Road, Chainage (m): 38800 ➤ GPS: -18.013336, 143.800856 ➤ Sales Permit: 201609017 ➤ Environmental Authority: P-EA-100431476 ➤ Landholder Agreement: Freehold ➤ Access: Vanlee Road ➤ Cultural Heritage: Module K ➤ Watercourse within 100m: YES
Agate Creek Road 10	2	SP242983	Cobb Road	Forsyth	<ul style="list-style-type: none"> ➤ Location: is located off Agate Creek Road, Chainage (m): 21.000 ➤ GPS: -19.021950, 143.545790 ➤ Permit: EPM26460 ➤ Environmental Authority: In progress ➤ Landholder Agreement: Lands Lease ➤ Access: Cobb Road ➤ Cultural Heritage: QCD2013/007

					<ul style="list-style-type: none"> ➤ Ewamian People ➤ Watercourse within 100m: YES
Gilberton 19	320	AP4581	Gilberton Road	Forsayth	<ul style="list-style-type: none"> ➤ Location: is located off Gilberton Road, Chainage (m): 87500 ➤ GPS: -19.143541, 143.781801 ➤ Permit: EPM18615 ➤ Environmental Authority: In progress ➤ Landholder Agreement: Lands Lease ➤ Access: Gilberton Road ➤ Cultural Heritage: QCD2013/007 Ewamian People ➤ Watercourse within 100m: YES
Gilberton 35500	66	SP304951	Gilberton Road	Kidston	<ul style="list-style-type: none"> ➤ Location: is located off Gilberton Road, Chainage (m): 35500 ➤ GPS: -18.909646, 144.079955 ➤ Permit: EPM26854 ➤ Environmental Authority: P-EA-100431476 ➤ Landholder Agreement: Freehold ➤ Access: Gilberton Road ➤ Cultural Heritage: NIL ➤ Watercourse within 100m: YES
Beverley Hills 09	6	GB24	Beverley Hills Road	Einisleigh	<ul style="list-style-type: none"> ➤ Location: is located off Beverley Hills Road, Chainage (m): 26000 ➤ GPS: -18.707848, 144.005513 ➤ Sales Permit: NO ➤ Environmental Authority: In progress ➤ Landholder Agreement: Lands Lease ➤ Access: Beverley Hills Road ➤ Cultural Heritage: QCD2013/007 Ewamian People ➤ Watercourse within 100m: YES
Paddys Road 09	254	SP266605	Paddys Road	Georgetown	<ul style="list-style-type: none"> ➤ Location: is located off Paddy's Road, Chainage (m): 14500 ➤ GPS: -18.341870, 142.969707 ➤ Sales Permit: 201609017 ➤ Environmental Authority: In progress ➤ Landholder Agreement: Lands Lease ➤ Access: Paddys Road ➤ Cultural Heritage: Module K ➤ Watercourse within 100m: YES
Dagworth 014	5	EI813291	Vanlee Road	Georgetown	<ul style="list-style-type: none"> ➤ Location: is located off Vanlee Road, Chainage (m): 77000 ➤ GPS: -17.936471, 143.628425 ➤ Sales Permit: 201609017 ➤ Environmental Authority: In progress ➤ Landholder Agreement: Lands Lease ➤ Access: Vanlee Road ➤ Cultural Heritage: QCD2013/007 Ewamian People ➤ Watercourse within 100m: YES
Abingdon Downs 017	4533	PH1199	Abingdon Downs Road	Georgetown	<ul style="list-style-type: none"> ➤ Location: is located off Abingdon Downs Road, Chainage (m): 41000 ➤ GPS: -18.008361, 143.395304 ➤ Sales Permit: 201609017 ➤ Environmental Authority: In progress

					<ul style="list-style-type: none"> ➤ Landholder Agreement: Lands Lease ➤ Access: Abingdon Downs Road ➤ Cultural Heritage: QCD2013/007 Ewamian People ➤ Watercourse within 100m: YES
Percyvale 01	1	SP242983	Percyvale station Road	Forsayth	<ul style="list-style-type: none"> ➤ Location: is located off Percyvale Road, Chainage (m): 3100 ➤ GPS: -18.860125, 143.707972 ➤ Sales Permit: NO ➤ Environmental Authority: In progress ➤ Landholder Agreement: Lands Lease ➤ Access: Percyvale Road ➤ Cultural Heritage: NIL ➤ Watercourse within 100m: Yes

Table 2: Quarries Operation Details

Quarry Name	Start Date	Current Production Rate	Proposed Production Rate	Quarry Type	Quarry Products	Other Information
Oak Park 14	1/7/2022	3300 m ³ /year	5500 m ³ /month	Natural sand and gravel	PEA Gravel	<ul style="list-style-type: none"> ➤ Proposed Period of Operations: 1/7/2022 –1/1/2042 ➤ Estimated lifespan: >20 years
Oak Park 007	1/7/2022	3300 m ³ /year	5500 m ³ /month	Natural sand and gravel	PEA Gravel	<ul style="list-style-type: none"> ➤ Proposed Period of Operations: 1/7/2022 –1/1/2042 ➤ Estimated lifespan: >20 years
Strathmore 05	1/7/2022	3300 m ³ /year	5500 m ³ /month	Natural sand and gravel	PEA Gravel	<ul style="list-style-type: none"> ➤ Proposed Period of Operations: 1/7/2022 –1/1/2042 ➤ Estimated lifespan: >20 years
Strathmore 09	1/7/2022	3300 m ³ /year	5500 m ³ /month	Natural sand and gravel	PEA Gravel	<ul style="list-style-type: none"> ➤ Proposed Period of Operations: 1/7/2022 –1/1/2042 ➤ Estimated lifespan: >20 years
Kutchera 014	1/7/2022	3300 m ³ /year	5500 m ³ /month	Natural sand and gravel	PEA Gravel	<ul style="list-style-type: none"> ➤ Proposed Period of Operations: 1/7/2022 –1/1/2042 ➤ Estimated lifespan: >20 years
Abingdon Downs 031	1/7/2022	3300 m ³ /year	5500 m ³ /month	Natural sand and gravel	PEA Gravel	<ul style="list-style-type: none"> ➤ Proposed Period of Operations: 1/7/2022 –1/1/2042 ➤ Estimated lifespan: >20 years
Vanlee 007	1/7/2022	3300 m ³ /year	5500 m ³ /month	Natural sand and gravel	PEA Gravel	<ul style="list-style-type: none"> ➤ Proposed Period of Operations: 1/7/2022 –1/1/2042 ➤ Estimated lifespan: >20 years
Agate Creek Road 10	1/7/2022	3300 m ³ /year	5500 m ³ /month	Natural sand and gravel	PEA Gravel	<ul style="list-style-type: none"> ➤ Proposed Period of Operations: 1/7/2022 –1/1/2042 ➤ Estimated lifespan: >20 years
Gilberton 19	1/7/2022	3300 m ³ /year	5500 m ³ /month	Natural sand and gravel	PEA Gravel	<ul style="list-style-type: none"> ➤ Proposed Period of Operations: 1/7/2022 –1/1/2042 ➤ Estimated lifespan: >20 years
Gilberton 35500	1/7/2022	3300 m ³ /year	5500 m ³ /month	Natural sand and gravel	PEA Gravel	<ul style="list-style-type: none"> ➤ Proposed Period of Operations: 1/7/2022 –1/1/2042 ➤ Estimated lifespan: >20 years
Beverley Hills 09	1/7/2022	3300 m ³ /year	5500 m ³ /month	Natural sand and gravel	PEA Gravel	<ul style="list-style-type: none"> ➤ Proposed Period of Operations: 1/7/2022 –1/1/2042 ➤ Estimated lifespan: >20 years
Paddy's Road 07	1/7/2022	3300 m ³ /year	5500 m ³ /month	Natural sand and gravel	PEA Gravel	<ul style="list-style-type: none"> ➤ Proposed Period of Operations: 1/7/2022 –1/1/2042 ➤ Estimated lifespan: >20 years

Dagworth 014	1/7/2022	3300 m ³ /year	5500 m ³ /month	Natural sand and gravel	PEA Gravel	➤ Proposed Period of Operations: 1/7/2022 –1/1/2042 ➤ Estimated lifespan: >20 years
Abingdon Downs 017	1/7/2022	3300 m ³ /year	5500 m ³ /month	Natural sand and gravel	PEA Gravel	➤ Proposed Period of Operations: 1/7/2022 –1/1/2042 ➤ Estimated lifespan: >20 years
Percyvale 01	1/7/2022	3300 m ³ /year	5500 m ³ /month	Natural sand and gravel	PEA Gravel	➤ Proposed Period of Operations: 1/7/2022 –1/1/2042 ➤ Estimated lifespan: >20 years

**Table 3: Quarries Location Details Based on Schedule 3 of the Sales Permit
201609017**

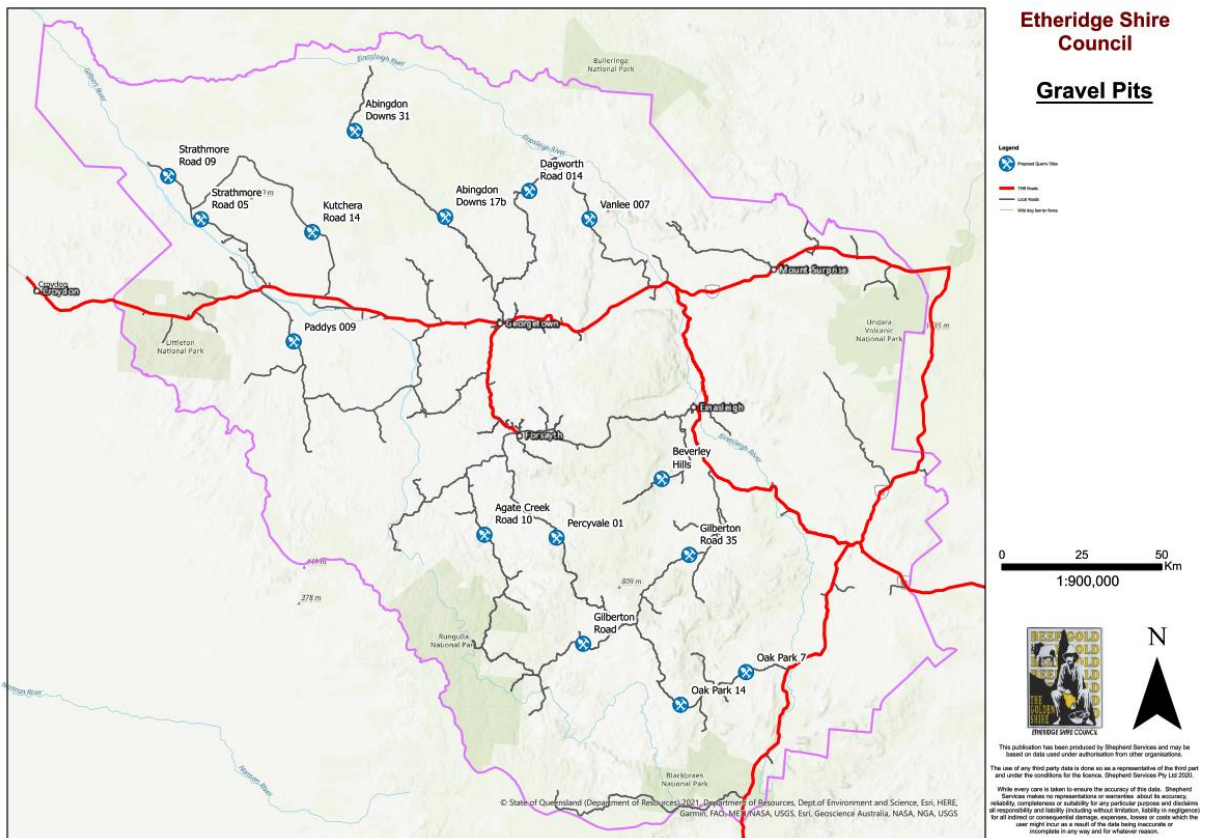
Endorsed Quarry Area	Sale Unit	MUID No	Lot	Plan	Tenure	Zone	Easting	Northing	Map No.
Oak Park 14	153	QETHEL199	2	PY26	PH 18/257	55K	190651	7862724	153
Oak Park 007	148	QETHEL194	235	PH73	PH 18/235	55K	209842	7872609	148
Strathmore 05	194	QETHEL270	38	ET813287	PH 18/5514	54K	680712	8007130	194
Strathmore 09	198	QETHEL274	4	SE1	PH 34/248	54K	671327	8020383	198
Kutchera 014	124	QETHEL162	2034	PH568	PH 18/2034	54K	714000	8003231	124
Abingdon Downs 031	031	QETHEL031	171	E1835473	PH 18/171	54K	726908	8032935	31
Vanlee 009	223	QETHEL259	5026	PH251	PPH 18/5026	54K	787035	8021+974	223
Paddys Road 09	171	QETHEL230	4	SP266605	TL 0/236891	54K	707150	7976295	171
Abingdon Downs 017	017	QETHEL017	4533	PH1199	PH 18/4533	54K	753580	8007177	17
Dagworth 014	068	QETHEL090	5	E1813291	TL 0/233948	54K	778442	8014849	68

Table 4 - Active Pits for Current Financial Year

Pit Name	Lot Plan	Sale Permit
Oak Park 14	2PY26	201609017
Oak Park 007	235PH73	201609017
Strathmore 05	38ET813287	201609017
Strathmore 09	4SE1	201609017
Kutchera 014	2034PH568	201609017
Abingdon Downs 031	171E1835473	201609017
Paddys Road 09	254SP266605	201609017
Abingdon Downs 017	4533PH1199	201609017
Dagworth 014	5E1813291	201609017

SECTION 2 – Site Maps

ESC Overview Map



NOTE: Emp plans of each pit is indicative only, ESC shall have controls and each site specifically detailed on establishment of each pit take during tenure of development.












Extraction occurs in a manner that:

- Conserves remnant regional ecosystems and prevents/minimises loss of biodiversity.
- Maintains ecological processes.
- Minimises land degradation.
- Operations shall be carried out in accordance with policy. (*DES, DAF, ESC*)

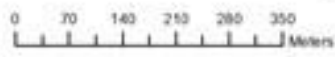
Quarry 1: Oak Park 007




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- Legend**
-  ETSC_Proposed_Ph1_Sep21
 -  QLD Cadastral Boundary
 -  Boundary
 -  Sed control
 -  Fall
 -  Access
 -  Flora S/P
 -  MSES OME Veg Watercourse
 -  Watercourse, Non-Perennial
 -  DRAINAGE_100K
 -  Local Roads

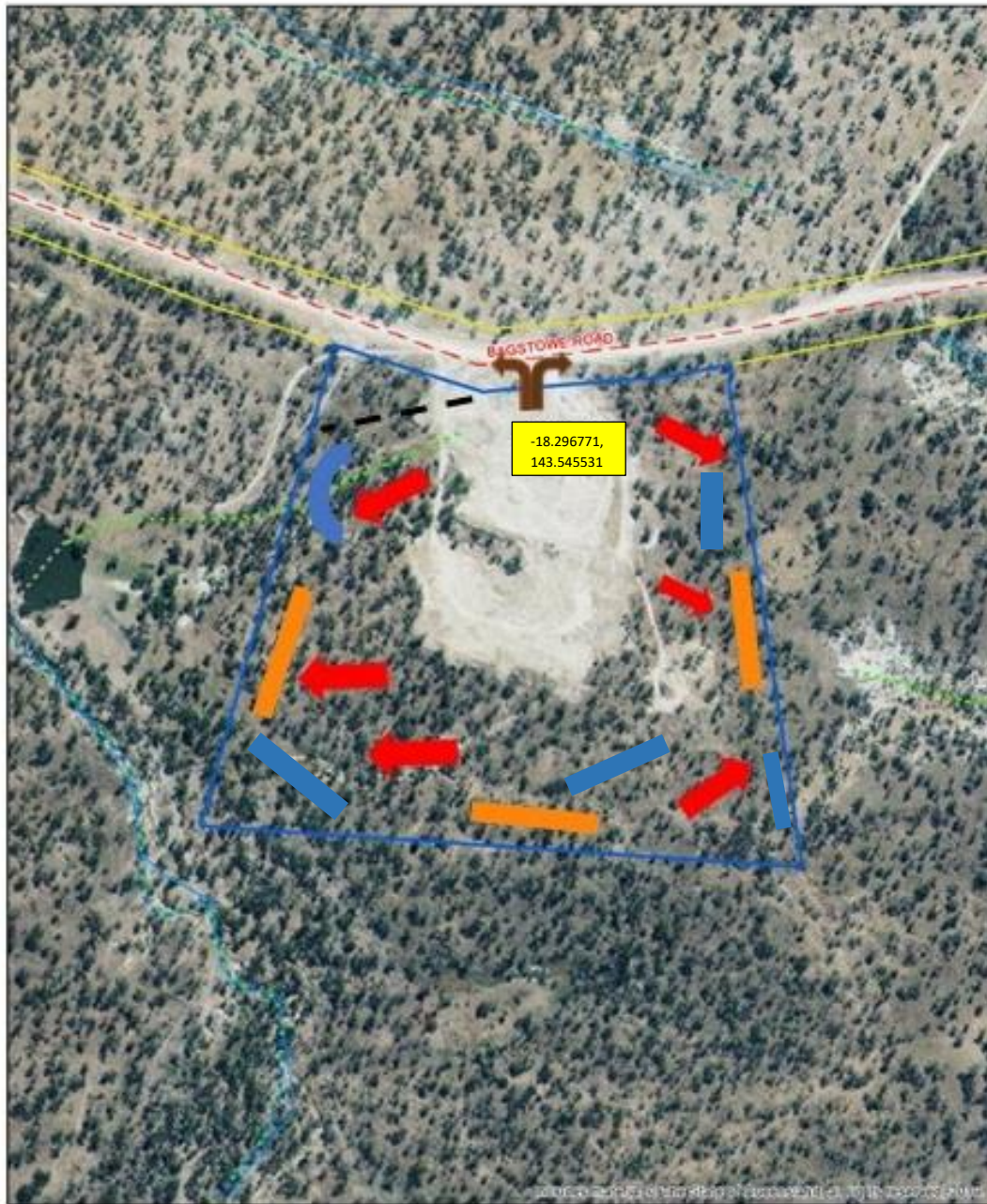
Proposed Supply Zone Map
 Sale Permit: 201609017
 Quarry Name: Oak Park 007
 Area: 22.86 Ha
 Proponent: Etheridge Shire Council
 (Part of): Lot 235 on PH73
 LGA: ETHERIDGE SHIRE



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Quarry 2: Oak Park 014

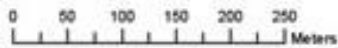




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Legend

-  ETSC_Proposed_Pits_Sep21
-  QLD Cadastral Boundary
-  Boundary
-  Sed control
-  Fall
-  Access
-  Flora S/P
-  MSES O&E Veg Watercourse
-  Watercourse, Non-Perennial
-  Connector, Non-Perennial
-  DRAINAGE_100K
-  Local Roads



Proposed Supply Zone Map
 Sale Permit: 201609017
 Quarry Name: Oak Park 014
 Area: 21.58 Ha
 Proponent: Etheridge Shire Council
 (Part of); Lot 2 on PY26
 LGA: ETHERIDGE SHIRE

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Quarry 3: Strathmore 05





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Legend

- ETSC_Proposed_Pits_Sep21
- QLD Cadastral Boundary
- MSES_08A_Veg_B_EOC
- MSES 08E Veg Watercourse
- Boundary
- Access
- Flora S/P
- MSES 08F Veg Wetland
- Wetland Management Area
- Wetlands
- Watercourse, Non-Perennial
- Local Roads



Proposed Supply Zone Map
 Sale Permit: 201609017
 Quarry Name: Strathmore 005
 Area: 150.88 Ha
 Proponent: Etheridge Shire Council
 (Part of): Lot 38 on ET813287
 LGA: ETHERIDGE SHIRE

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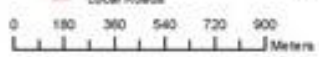
Quarry 4: Strathmore 09



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- Legend**
- ETSC_Proposed_Ptts_Sep21
 - QLD Cadastral Boundary
 - MSES_05_HES_Wetland
 - MSES_05E Veg Watercourse
 - Boundary
 - Access
 - Filoras/Pile
 - Sed control
 - MSES 06F Veg Wetland
 - Wetland Management Area
 - Wetlands
 - Watercourse, Non-Perennial
 - Connector, Non-Perennial
 - Local Roads

Proposed Supply Zone Map
 Sale Permit: 201609017
 Quarry Name: Strathmore 009
 Area: 179.09 Ha
 Proponent: Etheridge Shire Council
 (Part of): Lot 4 on SE1
 LGA: ETHERIDGE SHIRE



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Quarry 5: Kutcherera 014



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Legend

- ETSC_Proposed_Pits_Sep21
- QLD Cadastral Boundary
- Fall
- Boundary
- Access
- Flora S/P
- Sed control
- MSES ONE Mig Watercourse
- Watercourse, Non-Perennial
- Bush or 4WD Track

Proposed Supply Zone Map
 Sale Permit: 201609017
 Quarry Name: Kutcherera 014
 Area: 162.11 Ha
 Proponent: Etheridge Shire Council
 (Part of): Lot 2034 on PH568
 LGA: ETHERIDGE SHIRE

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Quarry 6: Abingdon Downs 031





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- Legend**
-  ETSC_Proposed_Pits_Sep21
 -  QLD Cadastral Boundary
 -  Boundary
 -  Sed control
 -  Fall
 -  Access
 -  Flora S/P
 -  MSES ONE Veg Watercourse
 -  Watercourse, Non-Perennial
 -  Local Roads

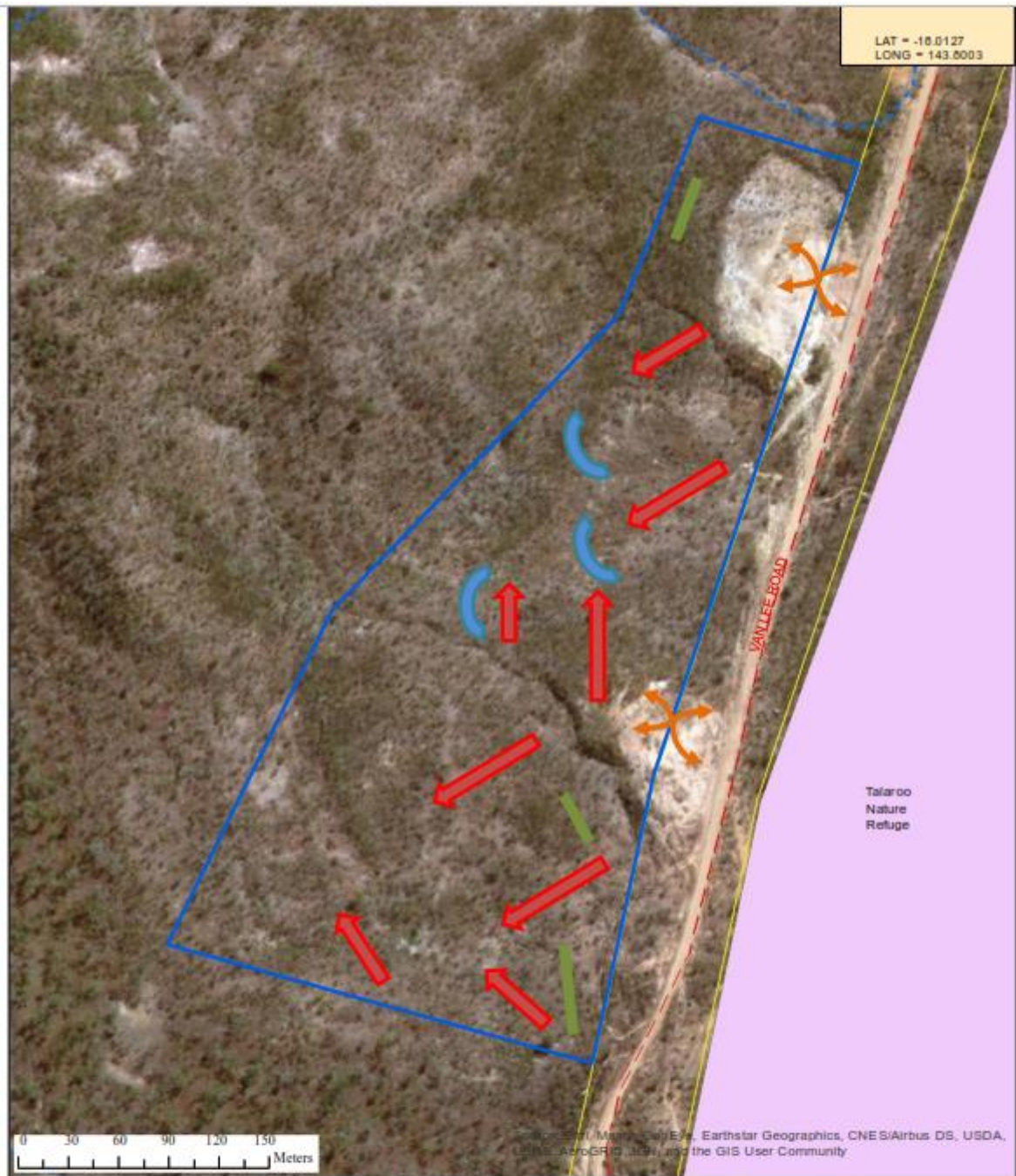
Proposed Supply Zone Map
 Sale Permit: 201609017
 Quarry Name: Abingdon Downs 031
 Area: 62.74 Ha
 Proponent: Etheridge Shire Council
 (Part of): Lot 171 on E1835473
 LGA: ETHERIDGE SHIRE



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Quarry 7: Vanlee 007



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Legend

- Proposed EQA
- QLD Cadastral Boundary
- Local Roads
- MSES_01B_Nat_Refuge
- MSES 00E Veg Watercourse
- ➔ Fall
- ➔ Access
- ⤵ Sediment Control
- ➔ Fauna

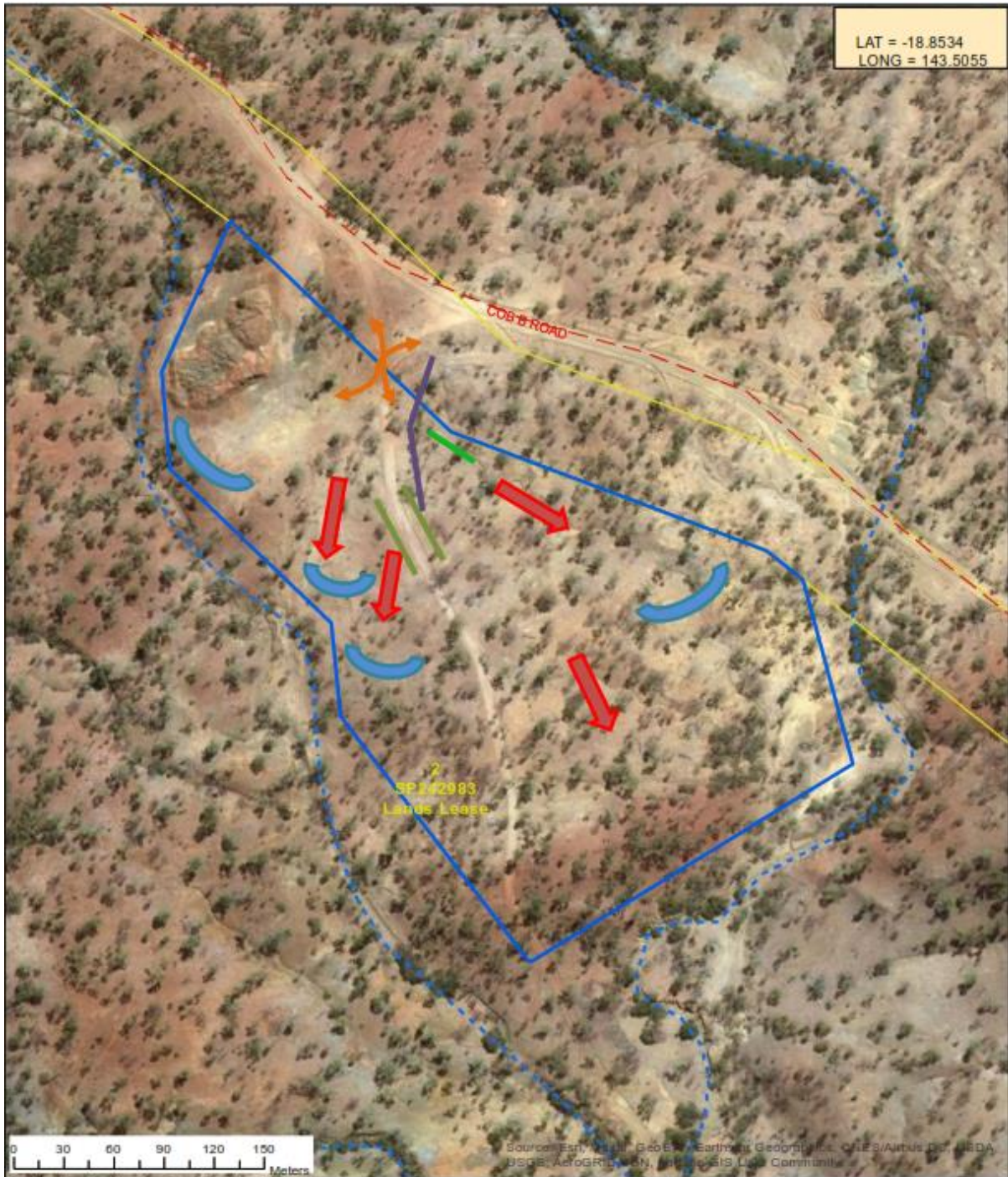


Proposed EQA Map
Sale Permit: 201609017
MUID: QETHEL298
Quarry Name: Vanlee 07
Area: 9.43 Ha
Permittee: Etheridge Shire Council
(Part of): Lot 2909 on Plan SP312712
LGA: ETHERIDGE SHIRE

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QA4

Quarry 8: Agate Creek 10



- Legend**
- Proposed EQA
 - QLD Cadastral Boundary
 - Local Roads
 - MSES 00E Veg Watercourse
 - Fall
 - Access
 - Sediment Control
 - Water Line
 - Drain
 - Flora

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Proposed EQA Map
Sale Permit: 201609017
MUID: OETHEL048
Quarry Name: Agate Creek 10
Area: 7.93 Ha
Permittee: Etheridge Shire Council
(Part of): Lot 2 on Plan SP242983
LGA: ETHERIDGE SHIRE

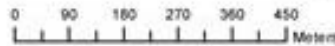
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Quarry 10: Gilberton 35




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- Legend**
- ETSC_Proposed_Pits_Sep21
 - QLD Cadastral Boundary
 - Boundary
 - Sed control
 - Fall
 - Access
 - Flora S/P
 - MSES O&E Veg Watercourse
 - Wetland Management Area
 - Watercourse, Non-Perennial
 - Local Roads



Proposed Supply Zone Map
 Sale Permit: 201609017
 Quarry Name: Gilberton
 Area: 55.43 Ha
 Proponent: Etheridge Shire Council
 (Part of): Lot 66 on SP304951
 LGA: ETHERIDGE SHIRE

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 Scale 1:9,000 @A4



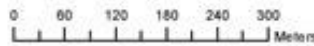
Quarry 11: Gilberton 19




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-  QLD Cadastral Boundary
-  Boundary
-  Access
-  Flora S/P
-  Seed control
-  MSES C&E Veg Watercourse
-  Watercourse, Non-Perennial
-  Local Roads

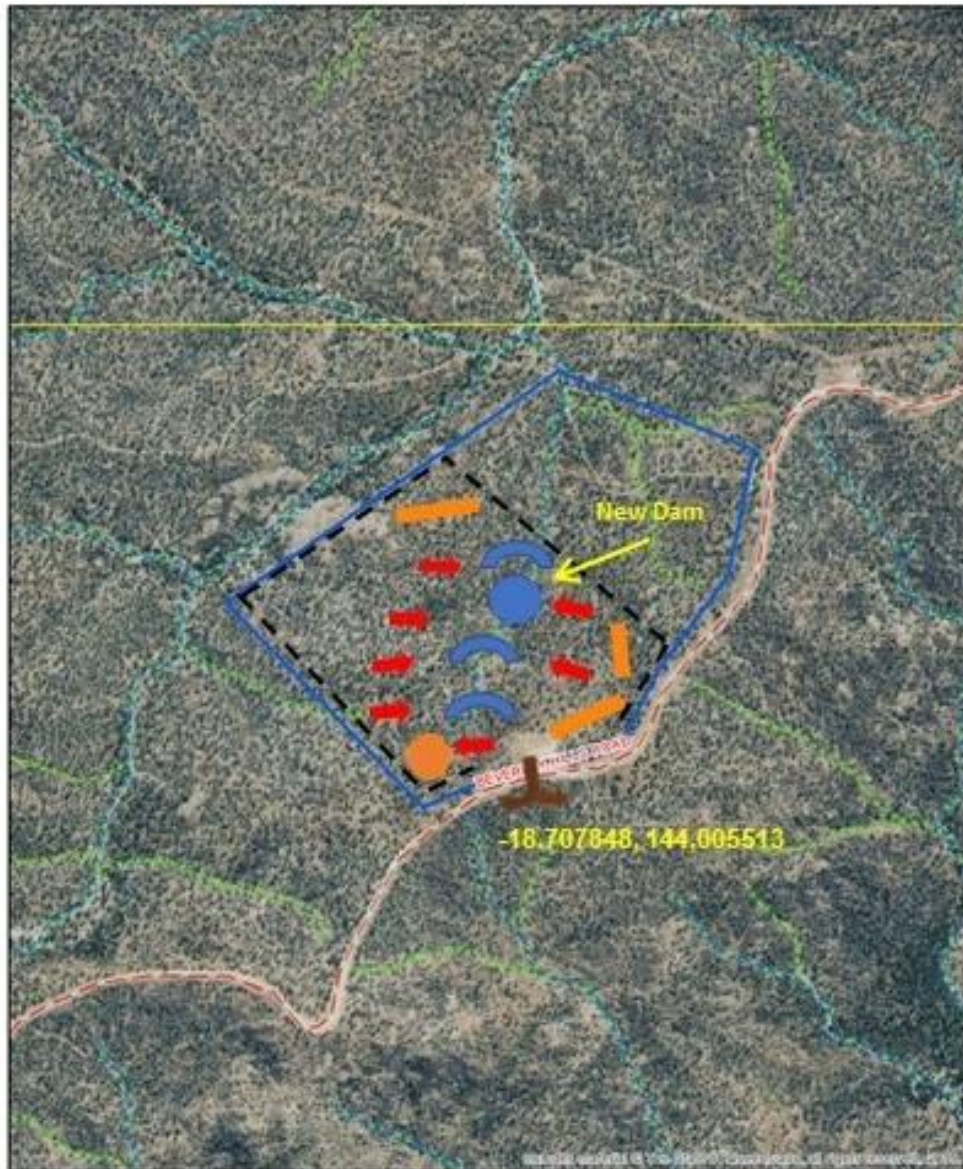


Proposed Supply Zone Map
 Sale Permit: 201609017
 Quarry Name: Gilberton 19
 Area: 26.42 Ha
 Proponent: Etheridge Shire Council
 (Part of): Lot 320 on AP4581
 LGA: ETHERIDGE SHIRE

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Quarry 12: Beverley Hills 09





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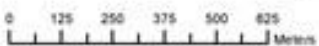
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- ETSC_Proposed_Pnts_Sep21
- QLD Cadastral Boundary
- Fall
- Boundary
- Access
- Flora S/P
- Sed control
- MSES O&E Veg Watercourse
- Watercourse, Non-Perennial
- Local Roads

Proposed Supply Zone Map
 Sale Permit: 201809017
 Quarry Name: Beverley Hills 09
 Area: 73.58 Ha
 Proponent: Etheridge Shire Council
 (Part of): Lot 6 on GB24
 LGA: ETHERIDGE SHIRE

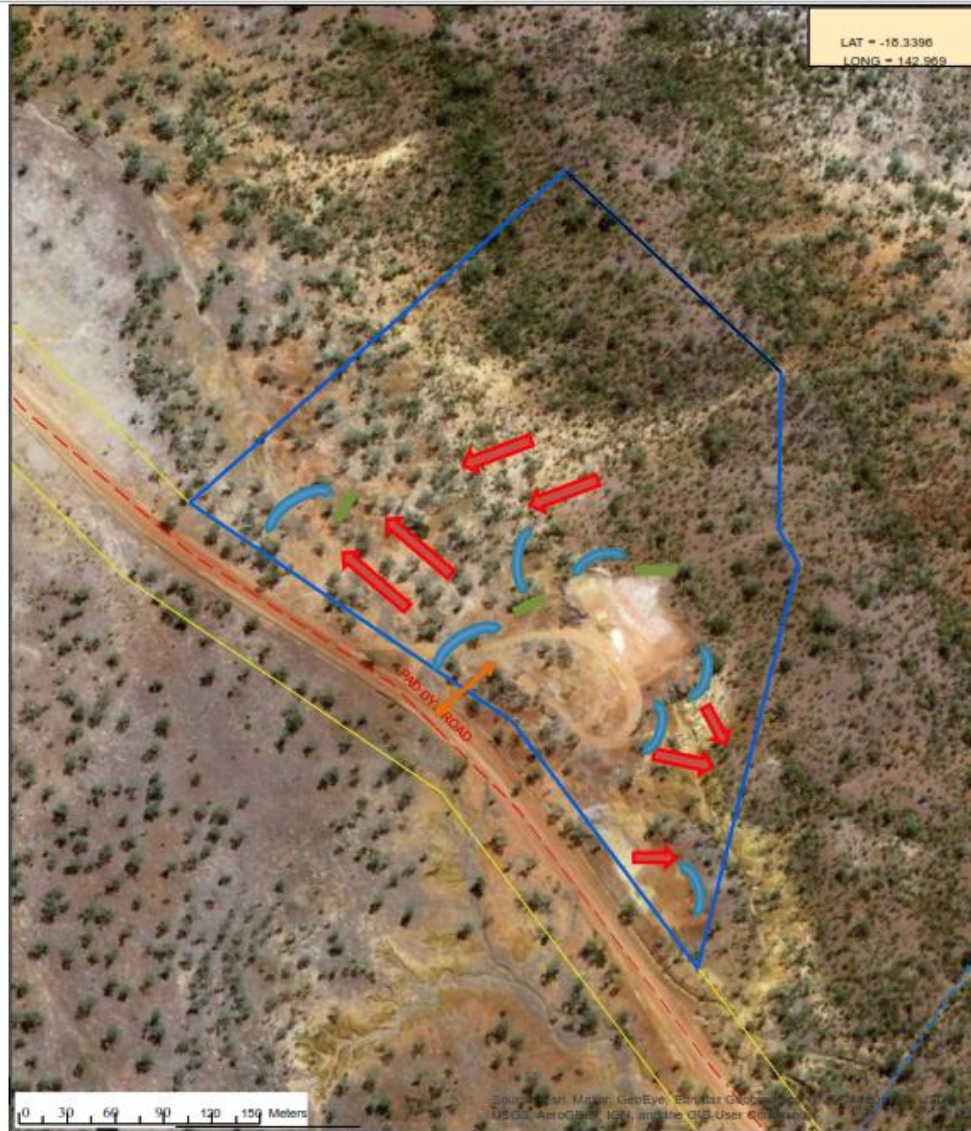


0 125 250 375 500 625 Meters

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Quarry 13: Paddy's 09



- Legend**
- Proposed EQA
 - QLD Cadastral Boundary
 - Local Roads
 - MSES 05E Veg Watercourse
 - Fall
 - Access
 - Sediment Control
 - Fauna
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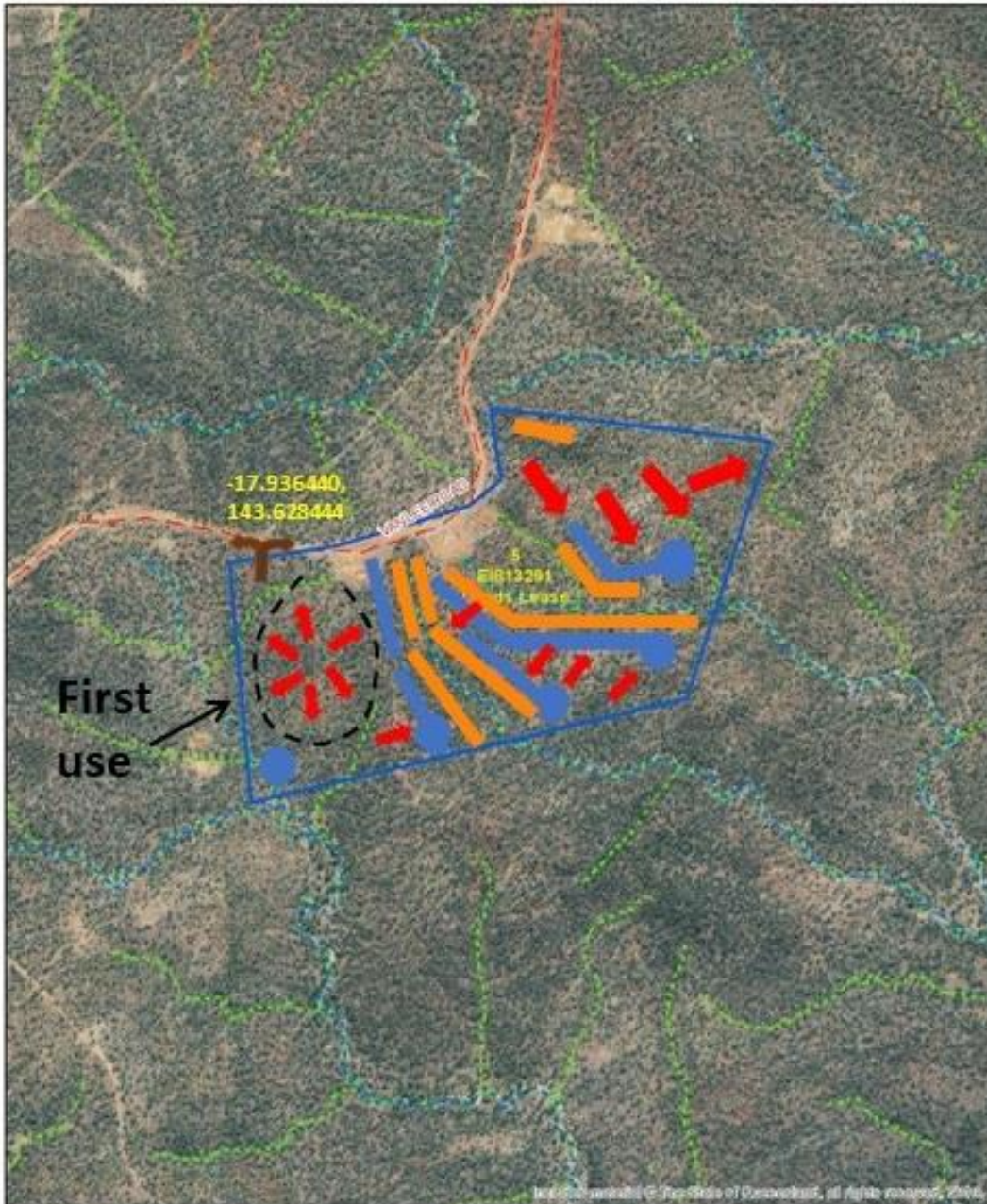
Proposed EQA Map
 Sale Permit: 201609017
 MUID: QETHEL230
 Quarry Name: Paddys 09
 Area: 8.64 Ha
 Permittee: Etheridge Shire Council
 (Part of) Lot 254 on Plan SP266605
 LGA: ETHERIDGE SHIRE

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Quarry 14: Dagworth 14



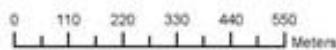


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Legend

-  ETSC_Proposed_Pts_Sep21
-  QLD Cadastral Boundary
-  MSES 08E Veg Watercourse
-  Watercourse, Non-Perennial
-  Local Roads
-  Fall
-  Boundary
-  Access
-  Flora S/P
-  Sed control

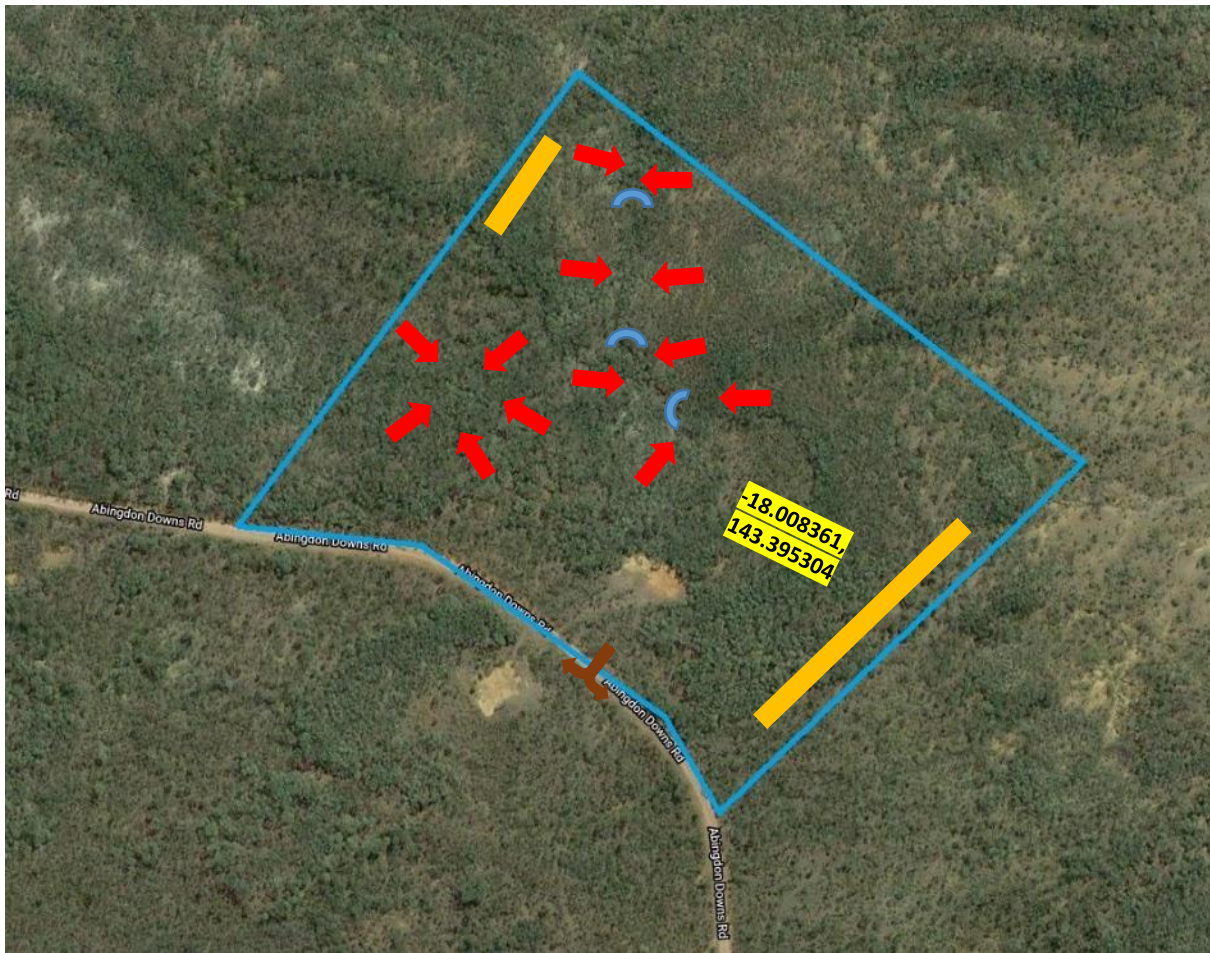
Proposed Supply Zone Map
 Sale Permit: 20160017
 Quarry Name: Dagworth 14
 Area: 57.67 Ha
 Proponent: Etheridge Shire Council
 (Part of): Lot 5 on EIB13291
 LGA: ETHERIDGE SHIRE



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Quarry 14: Abingdon Downs 017




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- Legend**
- ETSC_Proposed_Pits_Sep21
 - QLD Cadastral Boundary
 - MSES 08E Veg Watercourse
 - Watercourse, Non-Perennial
 - Local Roads
 - Boundary
 - Sed control
 - Fall
 - Access
 - Flora S/P

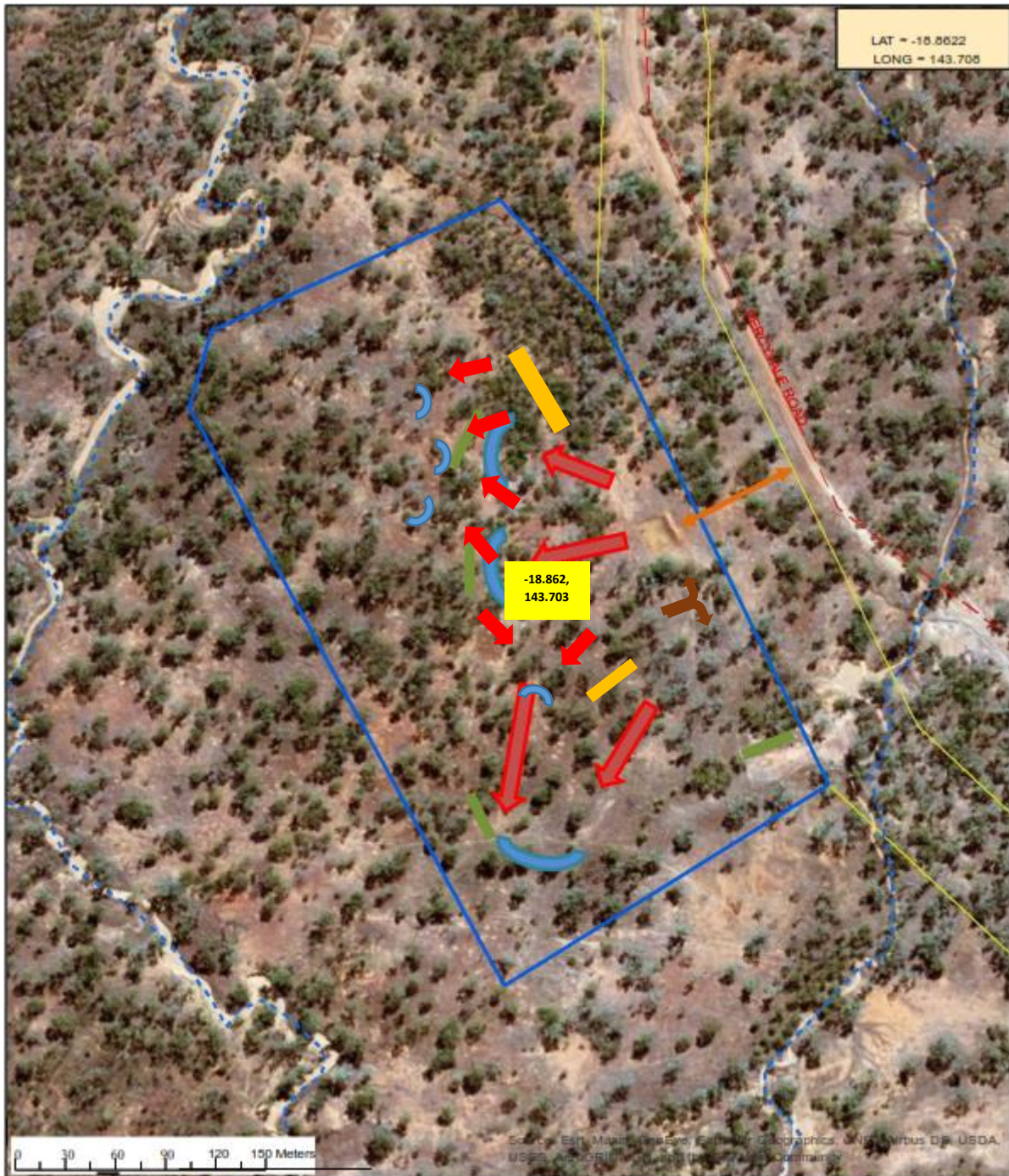


Proposed Supply Zone Map
 Sale Permit: 201609017
 Quarry Name: Abigdon Downs 017
 Area: 54.91 Ha
 Proponent: Etheridge Shire Council
 (Part of): Lot 4533 on PH1199
 LGA: ETHERIDGE SHIRE

GDA 1994 MGA Zone 54
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Quarry 15: Percyvale 01



■ Fall
 Boundary
 Access
 Flora S/P
 Sed control

Proposed EQA
 QLD Cadastral Boundary
 Local Roads
 MSES O&E Veg Watercourse
➔ Fall
➔ Access
➔ Sediment Control
➔ Fauna

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Proposed EQA Map
 Sale Permit: 201609017
 MUID: QETHEL304
 Quarry Name: Percyvale 01
 Area: 9.15 Ha
 Permittee: Etheridge Shire Council
 (Part of): Lot 1 on Plan SP242983
 LGA: ETHERIDGE SHIRE

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 Scale 1:3,000 @A4

SECTION 3 – SITE MANAGEMENT DESCRIPTION

3.1 INTRODUCTION

This Quarry Management Plan (QMP) provides a framework for the quarry operations undertaken by Etheridge Shire Council at the various pit locations on the Sales Permit 201609017 (the sites). The QMP documents operational procedures and the control measures to be implemented to manage the impact of extraction activities. This QMP details the on-site day-to-day management of the sites and includes the performance criteria and objectives of the sites, and those in relation to the management of any identified social and environmental impacts of the sites. This QMP also details the prevention, minimisation and mitigation strategies that shall be implemented on the sites by Etheridge Shire Council as the responsible authority. It also details Etheridge Shire Council's responsibilities, communication strategy, reporting requirements and auditing responsibilities to effectively meet the environmental objectives for management of the sites.

3.2 Unsealed Road Project Gravel Requirements

Construction, rehabilitation, and maintenance operations for the unsealed road network throughout the Etheridge Shire Council requires access to suitable gravel material from several strategically located local sources across the road network. The length of the individual roads within the Etheridge Shire Council road network is often extensive and the strategic establishment of gravel pits at selected locations along the existing road network is imperative in assisting Etheridge Shire Council to undertake cost effective road maintenance and reconstruction operations. Gravel material will generally be extracted by ripping with a dozer and stockpiled on each site. Stockpiling operations may include crushing and screening to meet material specifications for the maintenance works being undertaken. Stockpiled gravel may be mixed, blended, or pugged on each site for loading on to trucks to be delivered to construction sites and placed on the road in accordance with standard road construction practices.

3.3 Scope and Purpose of the Quarry Management Plan

This QMP controls the activities that will be undertaken on each pit on Sales Permit 201609017. These activities will be undertaken and managed by Etheridge Shire Council and include the winning of gravel material and crushing and/or screening of this material into the appropriate grading. The winning of gravel material will typically be undertaken using heavy plant (e.g. dozers, excavators) that will excavate and then push the material into a quarry stockpile area. Topsoil and overburden shall generally be stripped and stockpiled separately for use for resurfacing and rehabilitation of closed quarry works areas. The gravel material within the quarry stockpile area may then be placed into a crushing and/or screening machine to achieve appropriately graded material as required for Etheridge Shire Council's work activities. These activities shall typically be undertaken through Contractors (appointed by Etheridge Shire Council) and their specialist mobile equipment, which will be brought to the site for that activity. Etheridge Shire Council day labour or Contractors will load and cart from the stockpiles of processed material.

This QMP does not include a blast management plan, as blasting is not expected to be required. Should blasting be required, it will be undertaken in accordance with Council Environmental Authority and shall be managed by engaging a suitably qualified and licensed contractor to plan and execute a blast in accordance with their environmental authority (EA) conditions and legislative requirements. This QMP does not include a transport management plan. Transport to and from the sites for machinery and materials shall be managed by suitably qualified and licensed transport operators to ensure transport operations are conducted in accordance with their licencing and other legislative requirements. This QMP does not include a detailed environmental management

plan. However, it does provide general site environmental management measures to be implemented to minimise the impact of extraction activities. This QMP principally reflects the works undertaken on each of the sites, including the activities undertaken by Etheridge Shire Council staff and/or contractors engaged to extract and stockpile road making materials within the sites. All staff working at the sites shall be provided with a copy of this QMP and a copy shall always be kept on site when a site is operating.

3.4 Quarry Planning and Future Development

Quarry planning, development, scheduling, and operating are ongoing activities and rely on feedback from actual operations in their forward planning and day-to-day management. Information gathered from operation of the sites shall be used for detailed planning and design of future development stages and for the updating of this QMP. Management of risk, safety, environmental and operational needs, and the ever-changing requirement for gravel products by Etheridge Shire Council's maintenance and construction operations shall inform the updates to the QMP. Any changes to the operations detailed in this QMP shall trigger its immediate review. Current and future operations shall not proceed on the sites, until the revised QMP has been submitted to, and endorsed by, Forest Products (DAF).

3.5 Background

Etheridge Shire covers 39,199 sq. km and is located in Far North Queensland. The Shire of Etheridge includes the following settlements: Georgetown, Einasleigh, Forsayth, Gilbert River, Mount Surprise, Abingdon Downs, Conjuboy, Gilberton, Lyndhurst, Northhead, Strathmore, and Talaroo. The Etheridge Shire Council has an amazing project entitle of Gilbert River Irrigation Project to facilitate more intensive agricultural development in the Shire and providing life and leisure to our farmers, locals, and visitors. The region is agriculturally diverse and grows oranges, lemons, grapefruits, pomelos, limes, wheat, oats, rice, corn (maize), barley, sorghum, rye, millet, grapes, nut, wool, milk, and eggs. It is an area rich in history, eco systems, flora and fauna. Located in a temperate zone, the region has average in temperatures ranging from 15 degrees to 39 degrees.

3.6 Level of Responsibility

The Site Senior Executive (SSE) is responsible for operation and management of the sites and implementation of the QMP.

Table 5 Site Senior Executive (SSE) Contact Details

SSE Name	Ken Timms
Physical Address	41 St George St, Georgetown QLD 4871
Postal Address	PO Box 12, Georgetown QLD 4871
Contact Number	40621285

Etheridge Shire Council is the responsible entity for ensuring safe operations of the sites. In this role, unless otherwise indicated, Etheridge Shire Council shall hold all relevant environmental permits and approvals. The Council is also ultimately responsible for ensuring compliance and environmental protection. This includes reviewing the QMP prior to its implementation and periodically thereafter Etheridge Shire Council will always keep a copy of this QMP at the Council chamber. Monitoring will be performed by either Etheridge Shire Council, the Contractor or other qualified personnel as appointed by Council and all results will be kept by Etheridge Shire Council and the Contractor. These results can be required to be produced to an administering authority or another relevant authority (upon request) at any time during the works program and as a consolidated report at the completion of works.

Etheridge Shire Council must maintain and operate all plant and equipment in a proper and efficient condition and manner.

This includes:

- any plant and equipment used to prevent and/or minimise the likelihood of environmental harm being caused.
- any devices and structures to contain foreseeable escape of contaminants and waste.
- any vehicles used to transport waste.
- any device or structure used to store, handle, treat or dispose of waste.
- any monitoring equipment and associated alarms.
- any backup systems that act in the event of failure of a primary system.

Etheridge Shire Council is not permitted to make alterations to plant or equipment if that change, replacement or operation increases or is likely to substantially increase the risk of environmental harm. Any Contractors engaged in site activities will be required to adhere to the contract document and relevant legislation when conducting the environmentally relevant activity. The Contractor shall be responsible for the implementation of the QMP and undertaking extractive operations in compliance with Councils Environmental Authority. The Contractor shall report any non-compliance or other environmental issues to Etheridge Shire Council. The Contractor will always keep a copy of this QMP at each site.

3.7 Legislative Framework

A wide range of Acts, Regulations and Policies (at Commonwealth, State and Local Government levels) regulate extractive activities for safety, environment, resource management, cultural values, flora and fauna management, and land use management. Legislation relevant to the operation of the site includes, but are not limited to:

- Forestry Act 1959
- Planning Act 2016, and where relevant its predecessors, the Sustainable Planning Act 2009 and Integrated Planning Act 1997 and their respective Regulations
- Environmental Protection Act 1994, Regulations and Environmental Protection Policies
- Vegetation Management Act 1999 and Regulations
- Nature Conservation Act 1992 and Regulations
- Mine and Quarrying Safety and Health Act 1999 and Regulations
- Water Act 2000 and Regulations
- Environmental Protection and Biodiversity Conservation Act 1999 and Regulations
- Cultural Record (Landscapes Queensland and Queensland Estate) Act 1987
- Aboriginal Land Act 1991
- Queensland Heritage Act 1992
- Fisheries Act 1994
- Stock Route Management Act 2002
- Biosecurity Act 2016
- Land Act 1994
- Environment Protection (Water) Policy 2008
- Environment Protection (Noise) Policy 2008
- Environment Protection (Air) Policy 2008

3.8 General Quarry Operations

The pits are where gravel materials are extracted and processed for the maintenance of local roads in the locality. The approximate cubic meters of gravel material extracted annually is detailed in Table 2, however, this quantity may vary depending on works programming, budget constraints and emergency works due to adverse weather events.

Day-to-day activities on the sites include but not limited to:

- Material extraction and screening
- Material stockpiling
- Construction and maintenance of internal haul roads.

These activities are summarised as following:

- ESC to employ surveyor to peg the site boundaries.
- ESC employs and inducts Contractor with Dozer.
- Contractor to mobilise to site with float and dozer (D6) and utility.
- Limited clearing pushed to stockpile onto existing extraction area to clear a working site. Vegetation to be dispersed at later date.
- Limited depth of topsoil pushed to stockpile onto existing extraction area.
- 1500mm maximum depth gravel is then ripped by dozer.
- Gravel would be pushed down into a pile in the direction of existing extraction area.
- Contractor demobilises.
- ESC then mobilises to site with a float and a loader, truck and dogs (24 tonne) and single trailer side-tipper (24 Tonne)
- Haul road will be graded during the work to ensure road is fit for load-out operations as required.
- Once loaded out the loader will stay and tidy the pit up restore contours banks as required.
- ESC demobilises from site.
- Logging of material take for DAF royalties.

The sub-sections below provide detailed descriptions of management processes for each. Additionally, details are provided for hours of operation and power supply, telecommunications, water supply, sewerage, and waste disposal practices.

3.8.1 Site Boundary Survey & Signage

Prior to mobilisation to a site the endorsed area boundary is to be pegged by a surveyor utilising the coordinates provided in Table 1. These pegs shall define the waypoints of the endorsed area and line pegs will generally be necessary as well to ensure any extraction work at the site is confined to the endorsed area. Generally, star pickets with marker tape will be installed by the surveyor and periodically checked by council staff with handheld GPS. At the time of survey, permanent signage is to be installed at each site entry gate by way of identifying the endorsed pit and to advertise the access requirements. This signage shall be maintained to a good quality and renewed as required.

3.8.2 Clearing and Vegetation Management

The quarry operator shall minimise the disturbance to site vegetation as practically as able under the guidance of the vegetation assessment or environmental authority (EA) conditions. Prior to any extraction, topsoils will be stripped and stockpiled for later rehabilitation.

- Vegetation will only be cleared on a face in advance of the operations to allow for a stage of gravel extraction.
- The cleared vegetation will be stockpiled onto the existing exhausted extraction areas and left in-place. These sites have limited large trees and generally only light scrub is left in piles to decompose for future spreading over rehabilitated areas.
- Generally, there is limited topsoil on each of these sites but when encountered topsoil will be stockpiled onto the existing exhausted extraction areas and spread over disturbed areas prior to demobilisation of a site.
- Generally, there is no overburden encountered on each of these sites.
- Disturbance of the sites beyond boundaries is not permitted.
- Herbicide spraying operations to be undertaken as detailed in section 3.6.
- Any material cleared to be left onsite and Stockpiled out of Daily operating Zones.

3.8.3 Material Extraction and Screening

Testing of materials shall typically be undertaken prior to undertaking extraction works at a site, to ensure material is suitable for the intended purpose. Additional testing may be carried out on stockpiled and/or placed material depending on purpose and lot sizes. Collecting samples of

material shall be undertaken by Council staff or an approved Contractor appointed by Council. Material shall be extracted through use of an excavator and/or dozer to position material into stockpiles. A portable crushing and/or screening plant shall be mobilised to a site for the duration of specific work activities only. The sites shall not have permanent plant. Cut faces shall be regularly monitored for stability with benching and battering of faces completed to mitigate risk of uncontrolled slips or slumps. When work activities for the winning of material are completed, all cut faces shall be battered back at a minimum of 1 in 1 for rocky, weathered material, or a minimum of 1 in 3 for gravelly, loose material. Council may elect to have all material extraction and screening undertaken by Contractor plant and labour under the direction of Etheridge Shire Council Operations staff. The Contractor shall comply with all aspects of this QMP.

3.8.4 Material Stockpiling

Stockpile management shall be undertaken through limiting their height to a maximum of 3 m. Stockpile batters shall be a maximum of 3 in 1. Stockpiles shall be positioned to ensure safe operation of plant around the sites and sightlines shall always be maintained for a site's entry and exit point. Stockpiles will be regularly battered during placement and removal of material to mitigate risk of vertical or unstable faces on stockpiles.

Stockpiling shall be limited to quantities of material required for upcoming-programmed works. Where multiple stockpiles are required, a 2 meters minimum gap between bases of each stockpile shall be maintained. Stockpiles shall be located well clear of any bunding, or temporary facilities required for general site operations and environmental management. Consideration shall be given to vehicle and pedestrian movements and the interaction of both when selecting stockpile locations. Stockpiles shall not generally be in areas that may be subject to inundation either during operations or for longer-term storage. Where road works projects have been completed and surplus material remains on a site, the surplus material shall be stockpiled for future use. Surplus material stockpiles shall be pushed up in neat rows adjacent to permanent access roads and pads to provide easy access to stockpiles for future road works. Where finished surface contours limit opportunities for drainage in major storm events, stockpiles of surplus material shall be relocated to 'high ground', to allow unhindered access to this material for emergency repairs to Etheridge Shire Council roads after high rainfall events. Any stockpiles of surplus material and open cut faces shall be audited by Etheridge Shire Council staff for compliance with the requirements of this QMP prior to the demobilisation of plant and equipment from the sites. Rectification works on stockpiles of surplus material shall be the responsibility of the site operator until approval is given to demobilise from the site.

3.8.5 Internal Haul Roads

Haul roads within a site shall be constructed and maintained to provide for the safe operation of plant and pedestrian movements, both within the site and during entry to and exit from the site. Where insitu material and/or gradients are unsuitable for operational requirements within the sites, gravel sheeting shall be undertaken to meet the required standards. Consideration shall be given to pedestrian movements around temporary facilities, such as ablutions, storage units, crushing or screening plant, to mitigate risk of slip, trip, or other workplace hazards. All internal haul roads and operation areas shall be unsealed. Dust will be controlled by water trucks as required. Construction and maintenance standards for roads and pads within the quarry area shall be in accordance with Etheridge Shire Council unsealed road practices. Haul roads and pads shall remain after specific project operations have been completed and shall have adequate and approved drainage channels, check dams, and other erosion and sediment controls in place prior to the site operator demobilising from sites. Haul roads and pads not required for future use shall be rehabilitated as outlined in section 3 of this plan. Maximum target gradients shall be 1 in 10. The maximum gradient for shorter-term access to benches shall be 1 in 8.

Signage - Readily visible and clear signage shall be provided on the through road to indicate access to the pit. During times of operation, the site shall be a construction site with appropriate traffic guidance schemes and associated temporary signage installed for the through road traffic management on the adjacent road. This shall be designated in a project management plan or a traffic management plan developed at pre-start prior to commencement of extraction as part of the

Site Risk Assessment undertaken to comply with the requirements of the Mine and Quarrying Safety and Health Act 1999.

3.8.6 Hours of Operation

Normal hours of operation shall be within daylight hours, which are:

6:00 am to 6:00 pm Monday to Friday

Due to the remote nature of the sites, special consideration may be given to operations on Saturdays and Sundays to minimise stand down costs subject to approval of Etheridge Shire Council and the Landowner/ Lessee. If a Contractor is undertaking the site operations, weekend working hours shall be negotiated with Etheridge Shire Council in advance of the Contractor mobilising to the site to ensure the works will be constantly supervised. Affected local residents shall also be notified of extended working hours and their approval gained prior to commencement of weekend works. The site operator shall liaise regularly with local residents and property owners regarding timetables for operational works at the sites. There shall be no operation of the sites on Easter Friday, Easter Monday, Anzac Day or Christmas Day.

3.8.7 Power Supply

The sites do not have a permanent power supply. Power shall be supplied onsite using mobile diesel generators if required. A generator shall be transported onto the site only when it will be operational.

3.8.8 Telecommunications

The sites do not have landline and may not have mobile phone coverage. Satellite phone or radio communications may be the only connection service. The site operator shall ensure a working satellite phone is always onsite during quarry operations.

3.8.9 Reticulated Water

Reticulated water is not available at the sites. All water required on a site (both potable and non-potable) shall be brought onto the site, either using a water truck or portable water containers carried on vehicles or trailers. Bunded areas and/or localised drainage sumps utilised for collection and control of stormwater runoff from the sites may be utilised as a non-potable water source. Volumes of controlled stormwater runoff available on sites shall be determined prior to mobilising to the site to ensure appropriate provision is made for imported water to complete of the required work activities on the site. Consideration shall also be given to potential for the use of onsite water for the nearby roadworks construction activities. The site operator shall liaise with road works coordinators regarding the use of onsite water prior to mobilising to sites.

3.8.10 Sewerage

Sewerage services are not available at the sites. Portable ablution facilities shall be made available to all staff during operations at each site. Ablutions facilities at each site shall be self-contained and removed on completion of operations at the site.

3.8.11 Waste Disposal

Waste collection services are not available at the sites but bins provided for Waste Materials and removed to Council Depot. Waste generating activities are generally not conducted on the sites. All waste produced on-site shall be collected in appropriate receptacles, multiple receptacles shall be provided for waste products requiring differing disposal sites or processes. The site operator shall dispose of waste off-site at approved waste disposal facilities for the types of waste collected. Food and other scraps etc brought to site by workers shall be stored in a suitable waste container (e.g. 240L mobile garbage container) and removed at least weekly. Removal and disposal of other waste shall as a minimum occur at each break in operations and the final demobilisation. All waste

receptacles shall be made secure from access by vermin or other fauna, or dislodgement / overturning from high winds or construction activities at the sites. All waste receptacles shall be removed from the site when work operations are completed at the sites. No on-site disposal of waste shall be permitted.

3.8.12 Reporting of Materials Extracted

Etheridge Shire Council truck drivers complete daily timesheet that include their truck capacity, the number of truck loads and the pit name for each day they are loading-out from a site. The timesheet is reviewed by the foreman each day and a progressive project material tally sheet (which is a line item for each day for each truck) provide progressive quantity that is removed from a site. These material tally sheets filter back to the administration staff as projects are completed at which time the DAF periodic declaration is completed and issued to Forestry Products as outlined in the sales permit. These declarations report the material extracted in cubic meters per site and report sites for zero extraction. Each truck at Etheridge Shire Council has a capacity of 16 cubic meters which is audited by the SSE every 3 months over a weighbridge to confirm truck capacity and loader operation. Not all loaders are fitted with scales, so this audit practice checks the skill of loader operators is being maintained. In its work with the Queensland Reconstruction Authority the Etheridge Shire Council utilise a conversion factor of 1.5 tonnes per cubic meter, therefore each truck has a capacity of 24 tonnes for load-out operations at a site. This is how Etheridge Shire Council ensure they do not breach the tonnage limits at a site.

3.8.13 Materials Handling, Storage and Disposal

- **Fuels, Oils and Grease**

All fuels, oils and grease required shall be brought onto the sites on an 'as needed' basis only. Only small quantities of oil and grease products shall be stored on the sites for emergency maintenance operations. Fuel storage to be approved as per Site Generally no fuel Kept on site. Only products required for the specific plant on each site may be stored on the sites. Secure fuel pods shall be utilised on the sites for running of plant, generators and other machinery required to complete operations. Fuel pods shall be removed from the sites once plant-related activities cease. Major scheduled plant maintenance activities shall not be undertaken within the sites. In the event of a major breakdown of plant while on a site, consideration shall be given to removal of the plant from the site to complete repairs. Where plant cannot be removed, the site operator shall provide an environmental management plan to Etheridge Shire Council for approval prior to commencing maintenance works. All storage areas for larger fuel pods shall be have bunding 1.5 times the volume of the fuel pods that will be stored. Temporary storage areas for small quantities of fuels, oils or grease shall be secured, and shaded or cooled, in accordance with manufacturers' recommendations. Any temporary structures required for storage of fuels, oil or grease shall be removed from sites when work operations are completed at the sites.

- **Wastes**

Waste oils, greases and fuels from machinery servicing, together with other chemical wastes, shall be collected and securely stored on sites (within a bunded area) prior to disposal off-site at a disposal facility licensed to accept that type of waste. Storage of waste products from servicing operations shall be permitted for short periods only; these materials shall be removed from the sites by crews completing servicing works, or at each break in operations or final demobilisation from the sites.

- **Chemicals**

Chemical storage on-site during times that the sites are not operational shall not be permitted. During times of gravel extraction, small quantities of chemicals required for specific work activities at the sites may be stored on-site. These small quantities shall be stored within a bunded area, or in a collection container (bunded) within the back of an appropriate vehicle or trailer. Chemicals shall be permitted on the site only while the works are being undertaken and these shall be removed when operations requiring their use are completed. Temporary storage areas for chemicals shall be secured, and shaded or cooled, in accordance with chemical manufacturers' recommendations. Any temporary structures required for storage of chemicals shall be removed from the sites when work operations are completed at the sites. Safety data sheets (SDS) for those chemicals stored (and used on the site) shall be kept on each site within the chemical storage facility.

3.9 SITE ENVIRONMENTAL MANAGEMENT

3.9.1 Goals

The goals to be achieved by Etheridge Shire Council as the outcome to adopting and implementing this QMP shall:

- Ensure that all Etheridge Shire Council staff and Contactors oversee the implementation of the site operations in a manner which ensures compliant and responsible management of each site.
- Identify and implement practices for the most efficient use of natural resources taking due regard of environmental issues and to provide for sustainable sequential land use at each site.
- Develop, implement, and progressively improve work practices and procedures to protect the environment at and surrounding each site.
- Embed the process of continual improvement to progressively improve quarry operational practices to reflect changing legislation, new technology and scientific advances, as well as learnings from environmental incidents and increased knowledge of site issues.
- Ensure contractors are aware of all environmental responsibilities before and during site operations by attending and participating in their pre-start meeting, regularly monitoring their activities, and advising, requesting and ensuring completion of corrective actions for any non-compliances identified.

3.9.2 Environmental Management Strategy

Etheridge Shire Council shall manage the sites in compliance with both the environmental authority (EA) conditions and this QMP.

3.9.3 Environmental Management Measures

Immediately prior to and during operation of each site, the following environmental management measures shall be implemented:

- Erosion and sediment control devices that are suitable for the pit layouts shown in this QMP, shall be installed and maintained. These devices shall be inspected prior to and immediately following a rainfall event as part of the on-site operations to ensure functionality. Climate conditions will be monitored daily to inform timing for inspections. These devices shall be upgraded should the inspections indicated that corrective actions are warranted.

- Runoff water around disturbed working areas on the sites shall be directed into a retention dam or sump within the site as shown in pit layouts in this QMP, to limit the amount of sediment exiting the site during normal average (non-flood) rainfall periods.

3.9.4 Rehabilitation Management Measures

Areas within the sites that are no longer required for use by operations at the site shall be rehabilitated prior to opening up a new area. Rehabilitation shall as a minimum include:

- Ripping of haul road areas to de-compact the soil structure and encourage any existing seedbank within the soil to germinate.
- Flattening of any batters to limit concentration of stormwater flows and eliminate potential for erosion from concentrated run-off.
- Replacement of any fencing at the existing access point (and in some circumstances, corresponding signage), to ensure limited access in the future to plant.
- Rehabilitation areas shall match existing contours and flow paths in accordance with standard engineering practice. Grades and batters shall be flat and broad to mitigate risk of future scour and erosion.
- Materials extracted from the quarry and deemed unsuitable for road construction purposes, such as overburden or soft, silty or sandy material, shall be stockpiled separately for use in rehabilitation works.

3.9.5 Cultural Heritage Management

Aboriginal Cultural Heritage Act 2003 and the Torres Strait Islander Cultural Heritage Act 2003 provides for effective recognition, protection and conservation of Aboriginal, Torres Strait and Islander cultural heritage. The Act states that a person who carries out an activity must take all reasonable and practicable measures to avoid or minimize harm to Aboriginal, Torres Strait and Islander cultural heritage. Sites, places, and landscapes of cultural heritage significance are an important resource to all members of the community. They consist of both:

- Indigenous sites, places and landscapes; and
- Sites, places and landscapes of significance to the shared history of the community.

Anyone associated with the works undertaken on the site, must be aware of their obligation to always look out for cultural heritage material, so it can be protected and managed. The Contractor/s are to be aware of their obligations under the Aboriginal Cultural Heritage Act 2003 and the Torres Strait and Islander Cultural Heritage Act 2003. If any site personnel find an item believed to be cultural heritage material (e.g. artefact), then they are to 'Stop-Work' in that specific area, and immediately inform the Manager of Operations. Should there be changes to the processes, practices and procedures requiring works to be undertaken outside of the current Cultural Heritage (CH) clearance area, this shall be a trigger for the CH clearance to be redone with the appropriate traditional owner group. The amended CH clearance form shall be attached to this updated Plan prior to undertaking any additional works. Ordering of Cultural Heritage inspections is the responsibility of the Etheridge Shire Council. Council may delegate the specific arrangements in relation to the completion of these inspections to the quarry operators, as directed.

3.9.6 Pest and Weed Management Measures

Where pest and weed species are observed on the sites, the site operator shall notify the Etheridge Shire Council Land Protection staff and management shall be undertaken in compliance with the Etheridge Shire Council Biosecurity Plan, Biosecurity Act 2016 and the Queensland Department of Agriculture and Fisheries (DAF). This shall as a minimum include the following:

- Treatment of prohibited and restricted weed species in accordance with DAF fact sheet treatment methods
- Removal or treatment of potential pest animal breeding areas within each site in accordance with DAF fact sheet methods.
- One (1) site inspection upon site mobilisation.

General management of pests and weeds at the site shall be the responsibility of Etheridge Shire Council. Site operators shall comply with all directions from Etheridge Shire Council staff regarding pest and weed management.

3.9.7 Site Demobilisation

Upon conclusion of work activities at each site, all cut faces shall be battered back at a minimum of 1 in 1 for rocky, weathered material, or a minimum of 1 in 3 for gravelly, loose material. Spillways shall be constructed on bunding arrangements to manage any potential overtopping and scour of the bunded area in storm rainfall events. Any stockpiles of surplus material, open cut faces and/or rehabilitated areas shall be inspected by Etheridge Shire Council staff for compliance with the requirements of this QMP prior to the demobilisation of plant and equipment from the site. Rectification works on stockpiles of surplus material shall be the responsibility of the site operator until approval given to demobilise from each site. The site operator shall notify the Etheridge Shire Council Operations Manager of timetable for completion of works at the sites. Demobilisation from the site shall not occur until inspection and approval to demobilise is given in writing by Etheridge Shire Council staff.

3.10 SAFETY AND HEALTH MANAGEMENT SYTEMS (SHMS)

3.10.1 Background

Etheridge Shire Council acknowledges it has an obligation under the Workplace Health and Safety Act 2011 and Mining and Quarrying Safety and Health Act 1999 for safety of its employees, contractors, visitors at the quarry sites.

3.10.2 Site Specific – Quarry/Gravel Pit Diary

The SSE and supervisor are to keep a quarry/gravel pit diary for the purpose of recording:

- all reports of, and findings and recommendations resulting from, inspections, investigations and audits.
- all directives issued to the operator and the operator's agents or representatives and remedial actions taken as a result of directives.
- a record of and reports about all serious accidents and high potential incidents that have happened.
- all other reports or information that may be prescribed under a regulation.

The range of information can be broad and complex. Good management of these records is a key part of managing the SHMS. Each site will have a Site Safety Plan which will include Inductions and safe Working procedures applicable to the site. These will include Entry and Exit. Emergency Muster Point. Traffic directions. Safety signage required may include Hard hats, Gloves, Long Sleeves and long Pants, Steel Capped Boots. Fire breaks will be determined at each Site. All vehicles and heavy Equipment will carry serviced and in date Fire Extinguishers. Fencing will be determined at each Site in Consultation with Land Holders. Each site will have sign off from Property Owners/lessee regarding any Impacts in these areas.

3.10.3 Emergency Response Procedure

Upon the impact of a sudden event/accident/incident on the Site, the SSE or Supervisor should;

- Overview the assessment of the safety of all staff at the site;
- Move staff to the safety of the Emergency Assemble Areas;
- Commence the Communication Strategy as shown;
- Administer first aid (if required) and Monitor the situation;
- Await assistance of the Emergency Services;
- Document and Record event/accident/incident and provide this to all relevant parties.

3.11 MONITORING, AUDITING AND REPORTING

3.11.1 Monitoring and auditing

Monitoring and auditing against this QMP shall be undertaken to ensure compliance is met with the processes, practices and procedures approved for implementation at the site. This shall be undertaken on a regular basis in compliance with the timeframes outlined below:

- During inactive use of the sites – on a 12-monthly basis.
- During active use of the sites – on a 6-monthly basis.
- On completion of project specific site operations for extraction of material, prior to demobilisation.

3.11.2 Reporting

Monitoring and auditing reports shall be retained in the Etheridge Shire Council document management system for historical reference, for comparison with subsequent monitoring and auditing events, and for review, as required, by the Etheridge Shire Council SSE and the relevant licencing authority. Reporting of any non-compliance with the QMP shall be documented and reported to the SSE. Any non-compliance against an EA condition shall be reported to the relevant licencing authority as per their individual requirements. Any non-compliance shall result in an automatic non-compliance and associated corrective action close out.

3.11.3 Communication

On receipt of a complaint by a contractor or Etheridge Shire Council, a nonconformance is recorded, information shall be communicated as shown below:



This Communication procedure along with the QMP will be provided to all employees prior to commencement of any site activities.

3.11.4 Corrective Actions

In the event of a corrective action, the outcomes of the corrective action shall be reviewed and the QMP reviewed and updated, as deemed necessary. Corrective actions shall be documented and stored within the Etheridge Shire Council document management system. Corrective action documents shall be made available to governing authorities upon specific request for such documents.



3.11.5 Revision

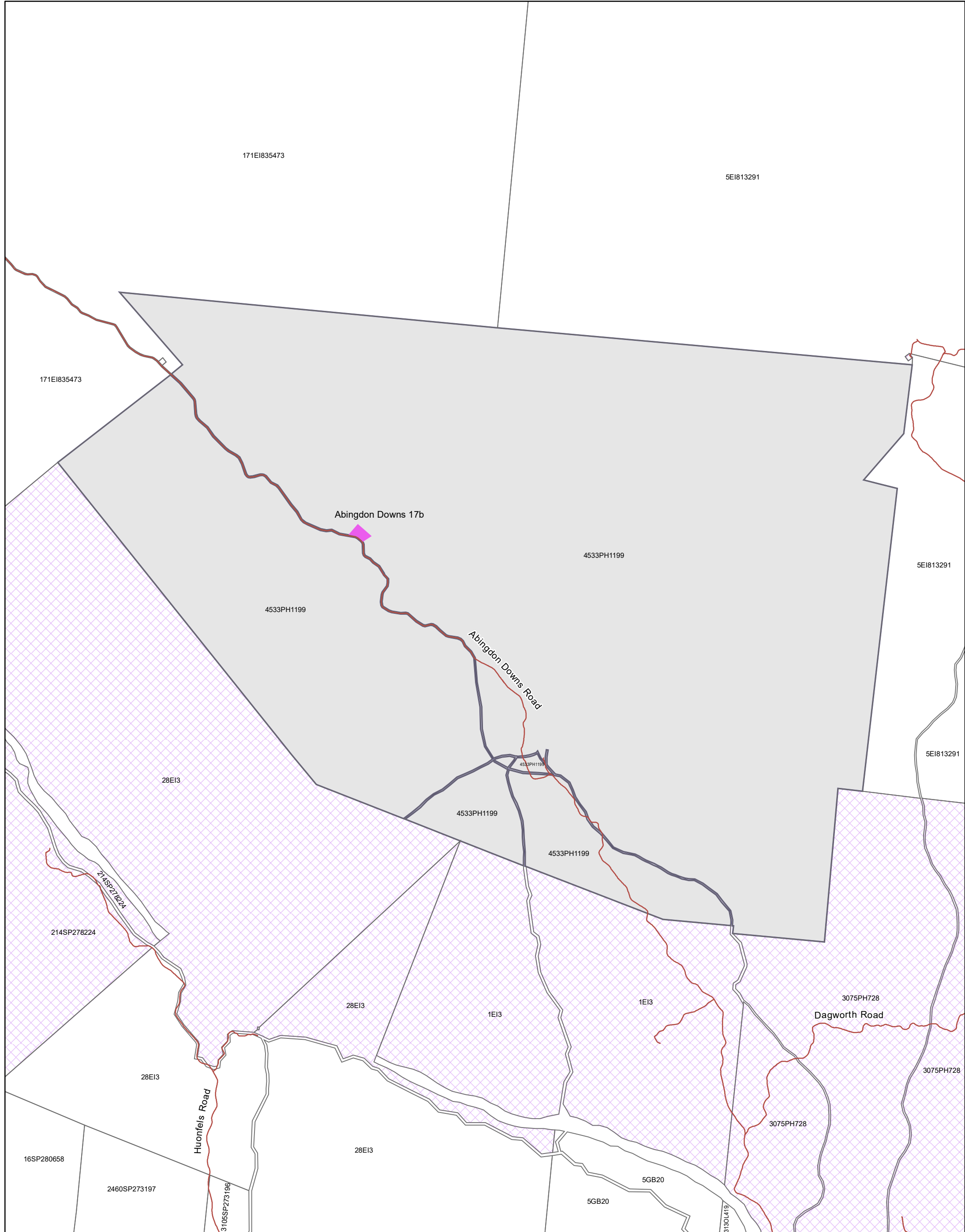
Revision of the QMP shall be undertaken on a five (5) year basis, unless a revision is required earlier due to EA conditions changes, sites are relinquished, or an incident, or a non-compliance that results in a revision occurs. Each updated version of the QMP shall be signed and dated by the CEO and SSE. This current version of the original 'signed' QMP shall be placed on the

Etheridge Shire Council document management system, with all old versions archived in the system. Copies of the revised QMP shall be given to Etheridge Shire Council staff and Contractors involved in operation of the site to update them on changes / amendments and for their implementation. A copy shall also be given to any external site operators managing winning and/or crushing operations on the site.

Section 4 - Required Review of the QMP

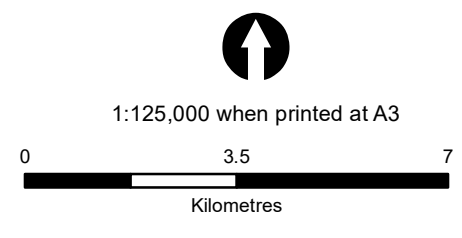
The QMP must be updated by the Permittee to maintain its currency with a maximum of 5 years between updates and to accommodate any revised arrangements in the Quarrying Operation when they occur.

Action	Who	Signature	Date
Developed by	Saeed Nemati		20/08/2021
Endorsed by	Brett Fulloon		5/5/2022
Approved by	Ken Timms		
Review V 6.0 date	Brett Fulloon		11/5/2022
Last review date	Brett Fulloon		7/09/2023



Date: 6/07/2023

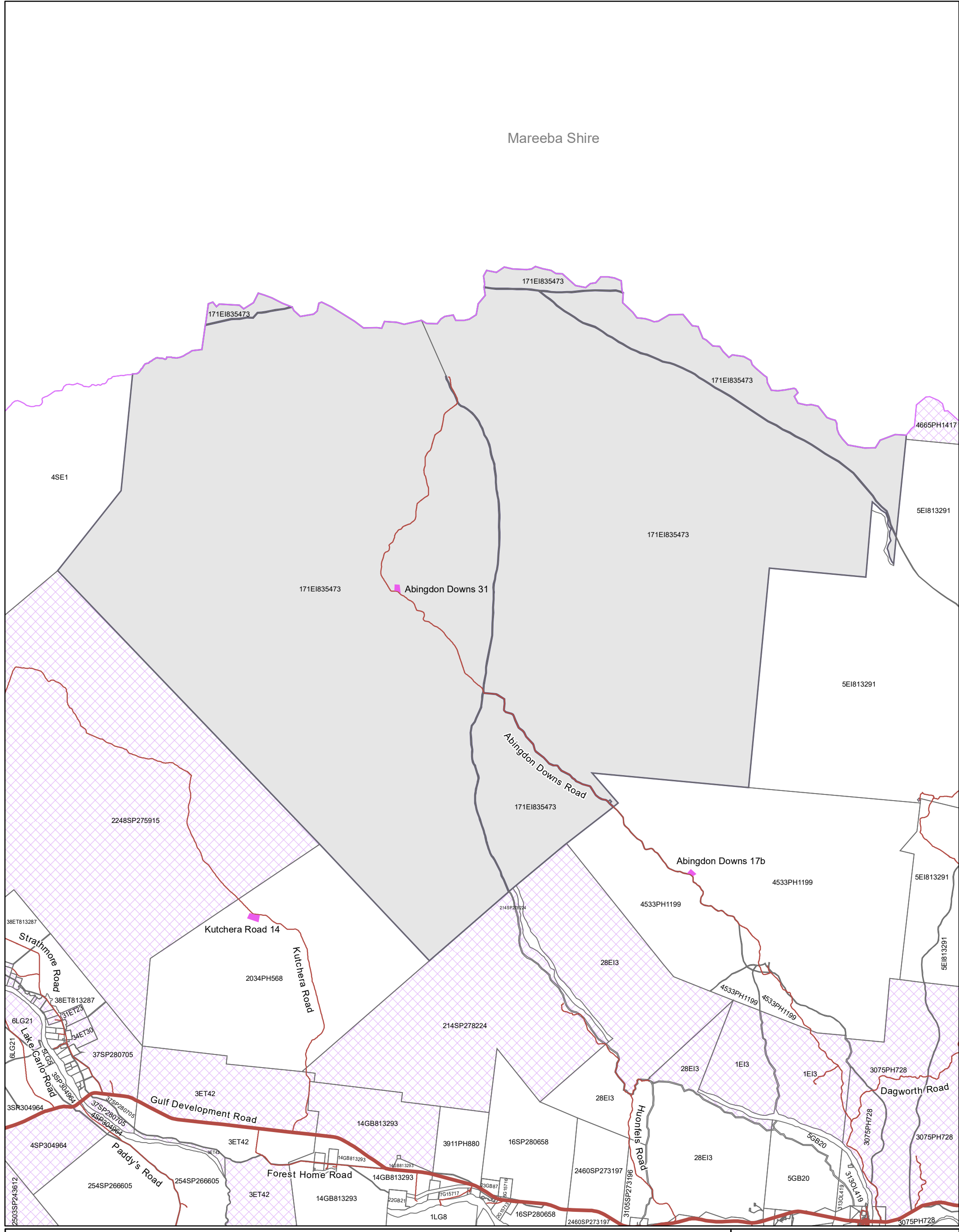
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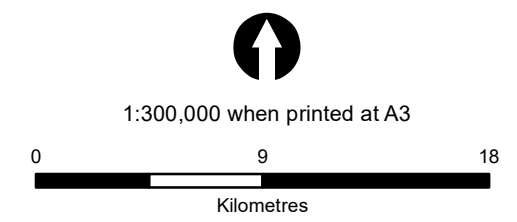
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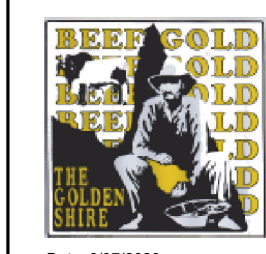
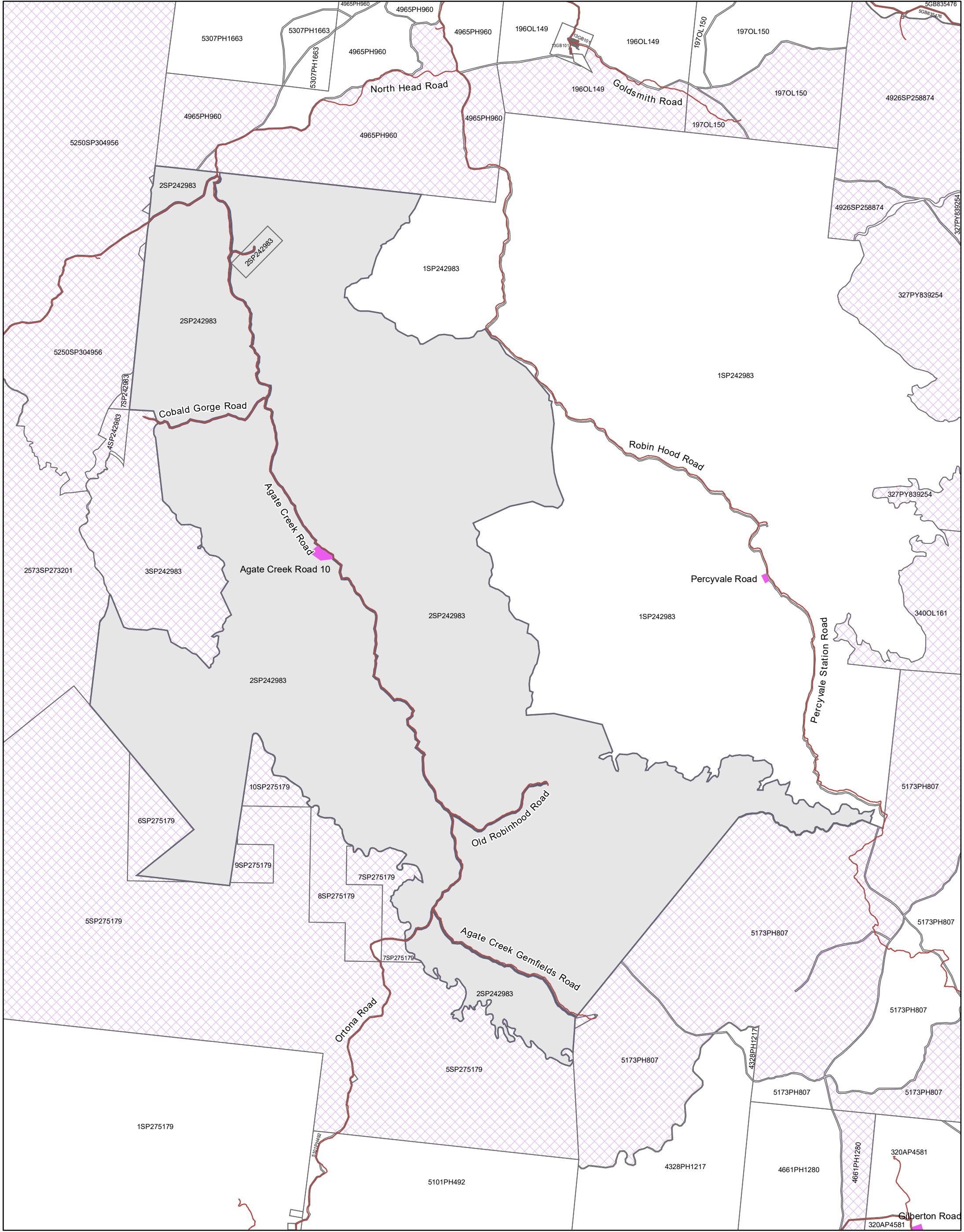
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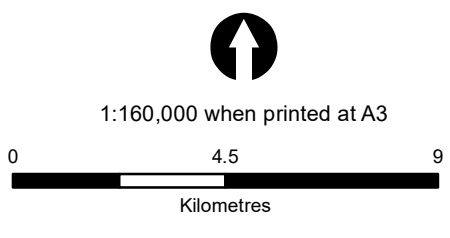
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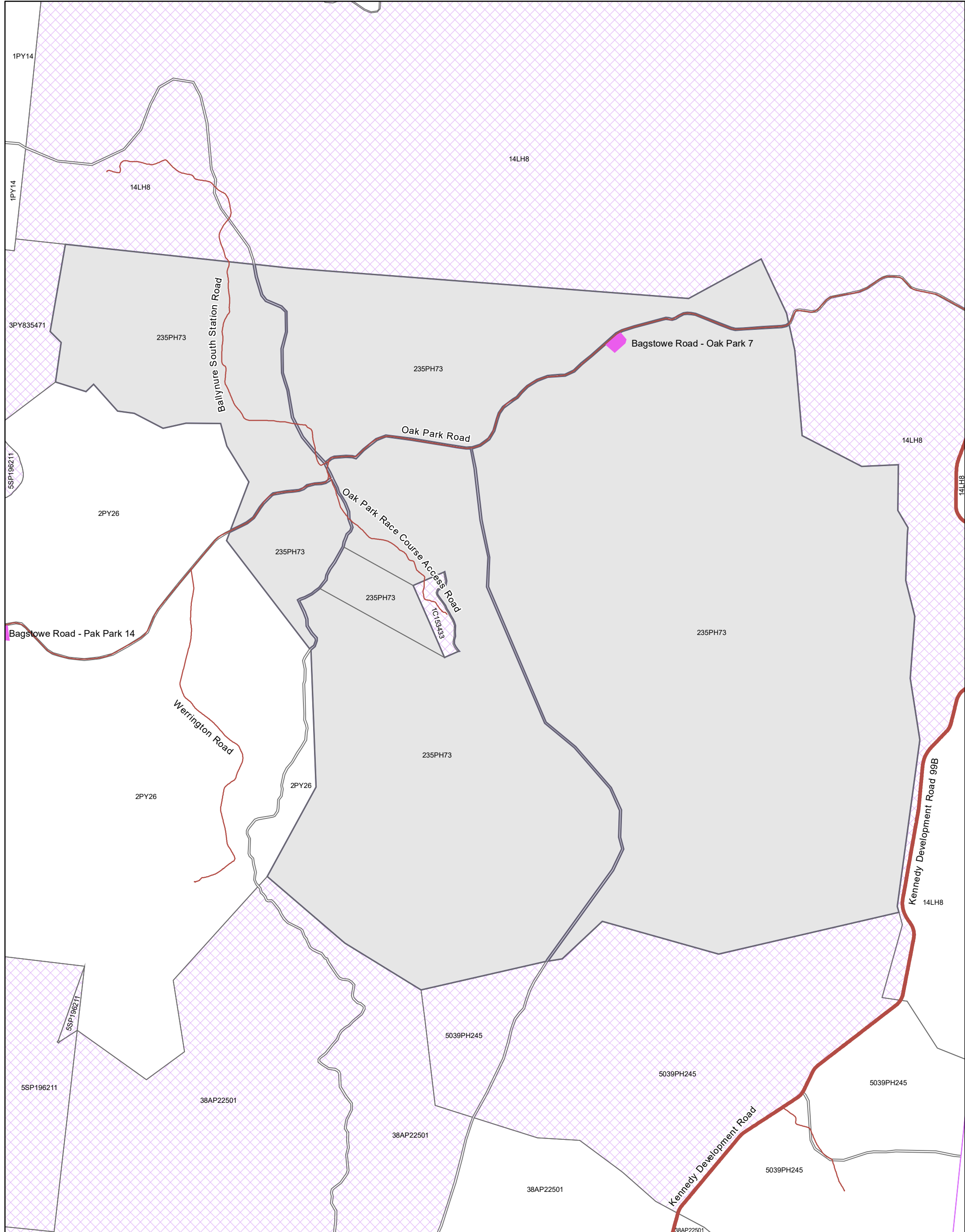
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 - Road



**Lot/Plan - 2SP242983
Agate Creek Road 10**

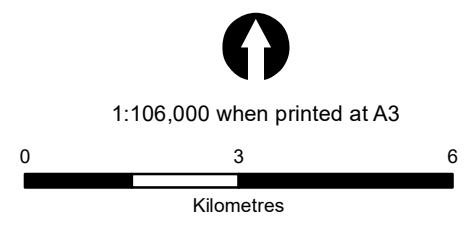
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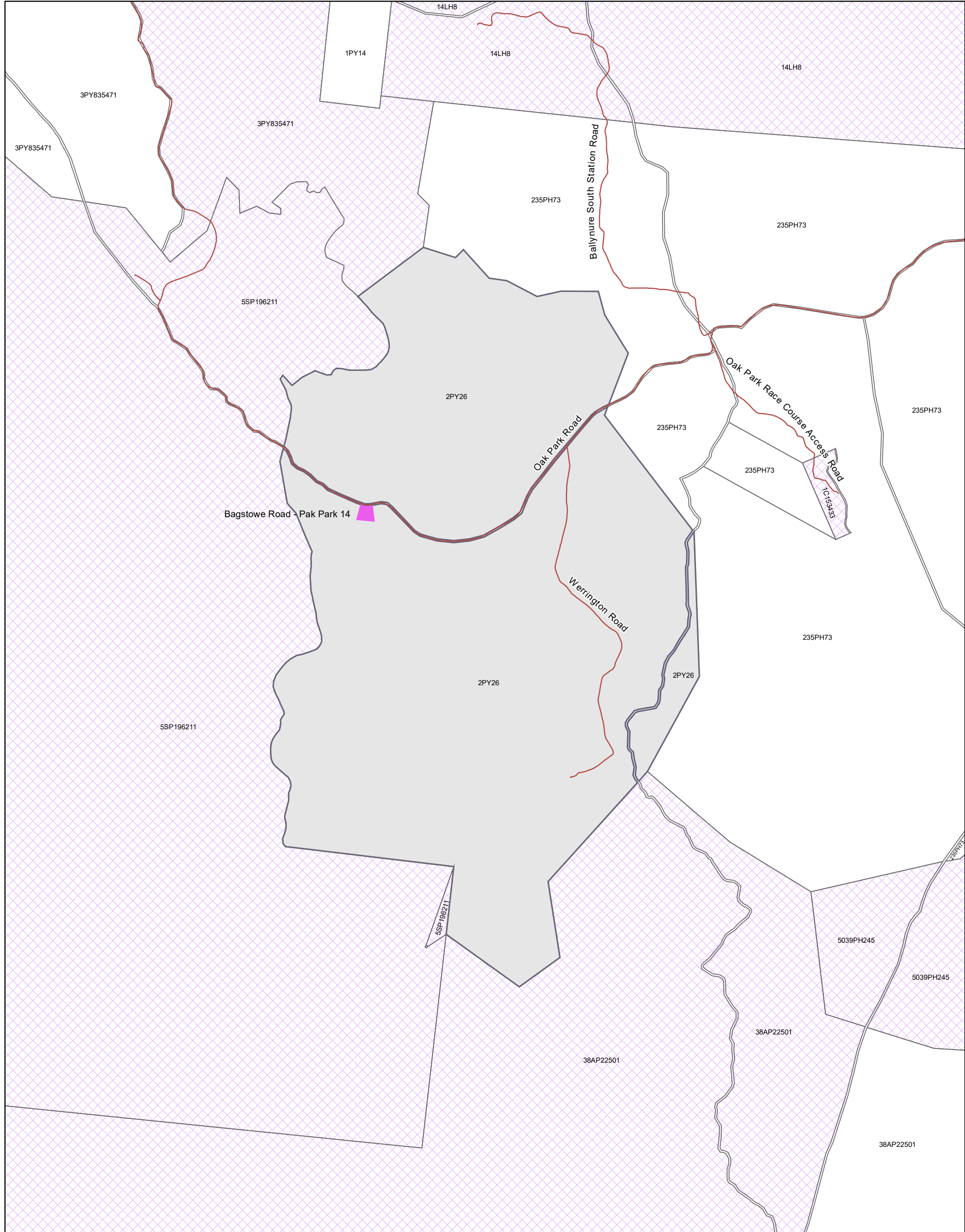
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 - Local Government Area
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 - Road



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Bagstowe Road - Oak Park 7

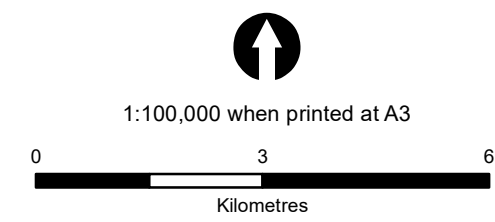
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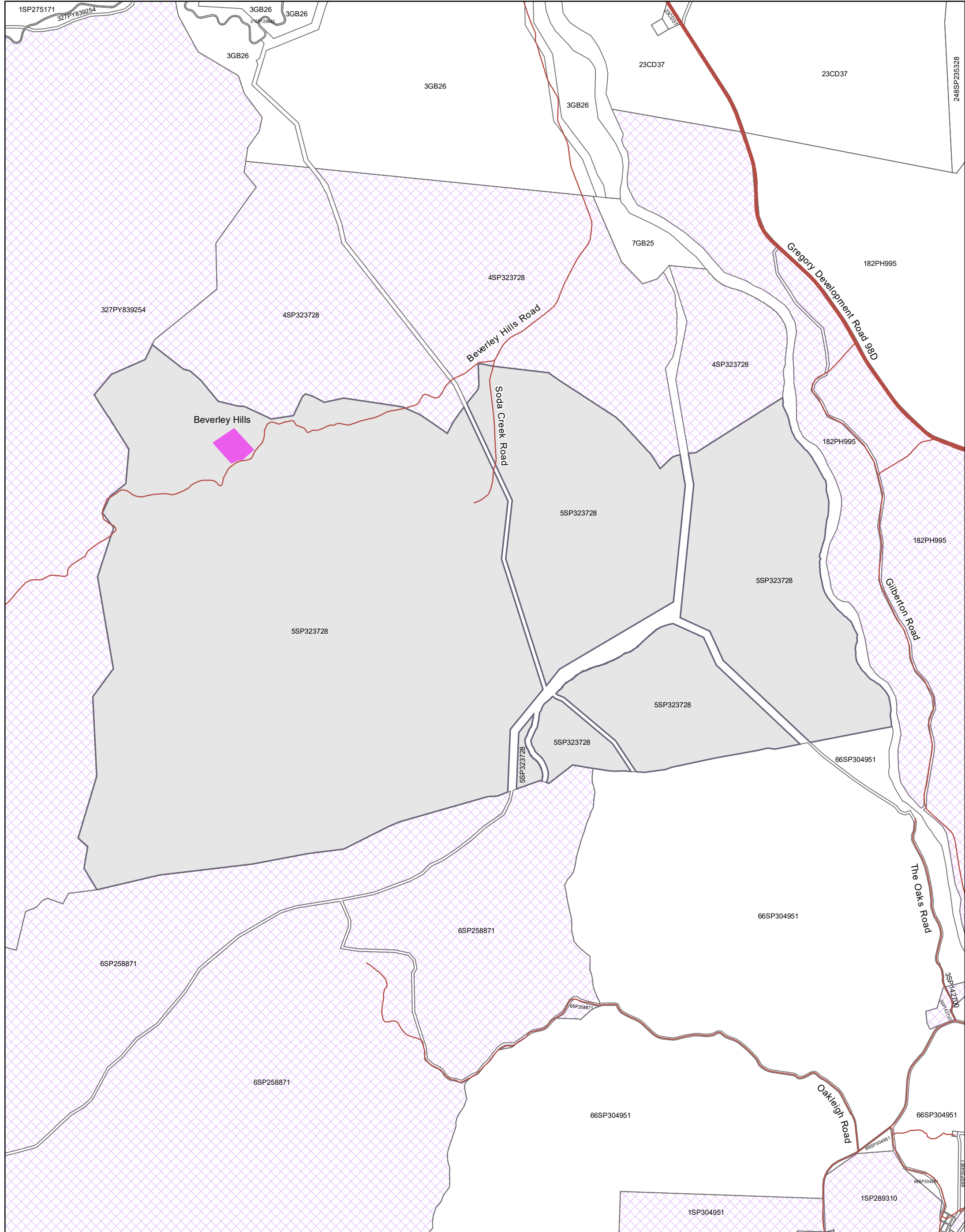
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 - Local Government Area
 - Main Road
 - Road



Lot/Plan - 2PY26
Bagstowe Road - Pak Park 14

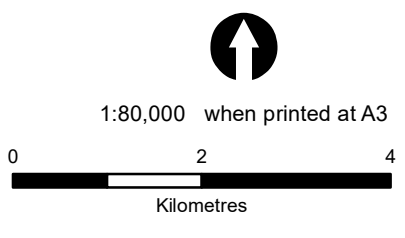
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Date: 6/07/2023

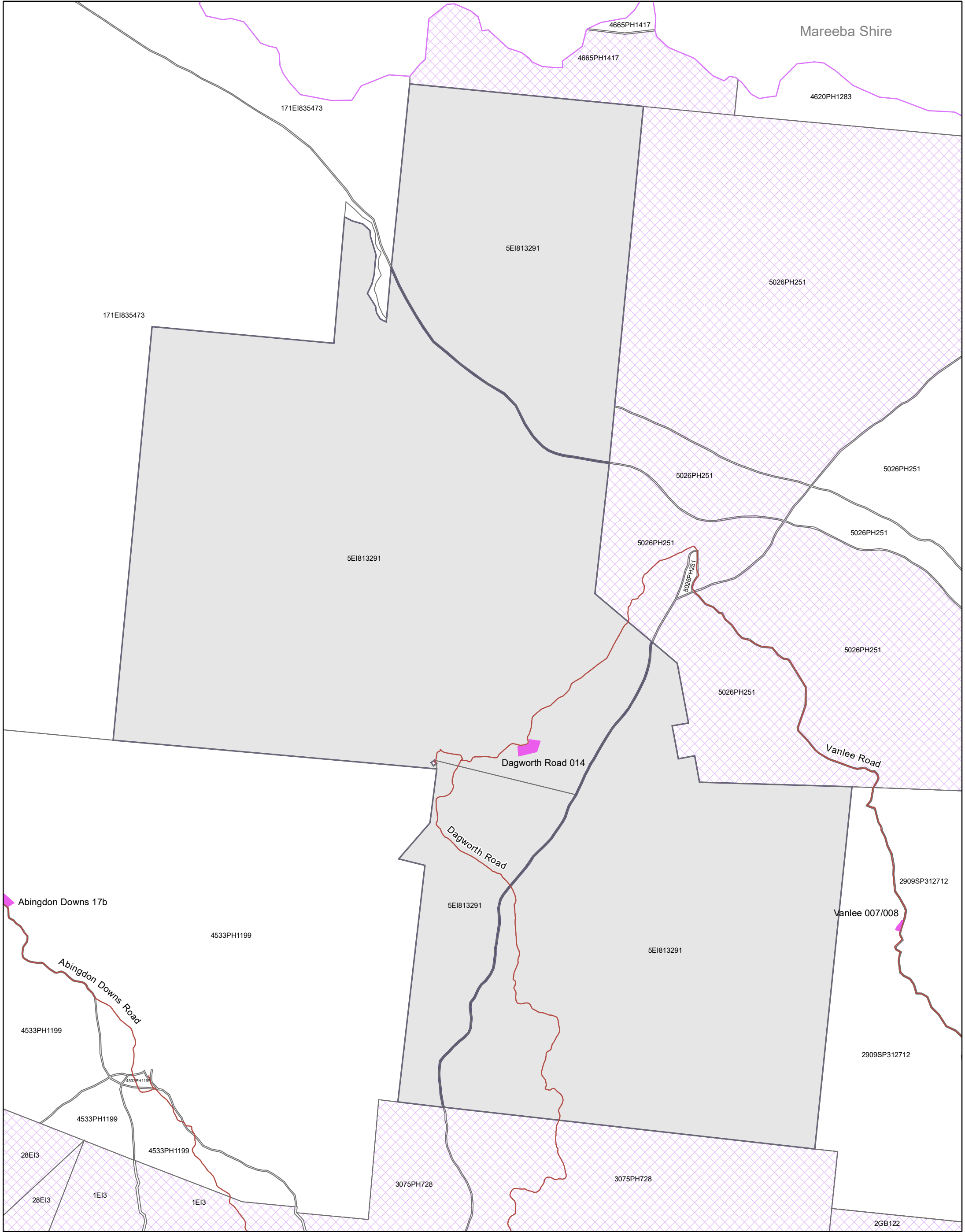
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 - Parcels needing consent
 - DCDB
 - Local Government Area
 - Main Road
 - Road



**Lot/Plan - 5SP323728
Beverley Hills**

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Date: 6/07/2023

Legend

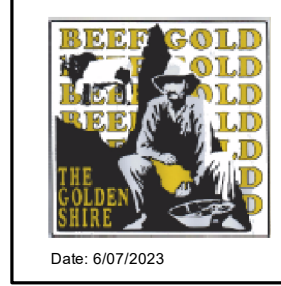
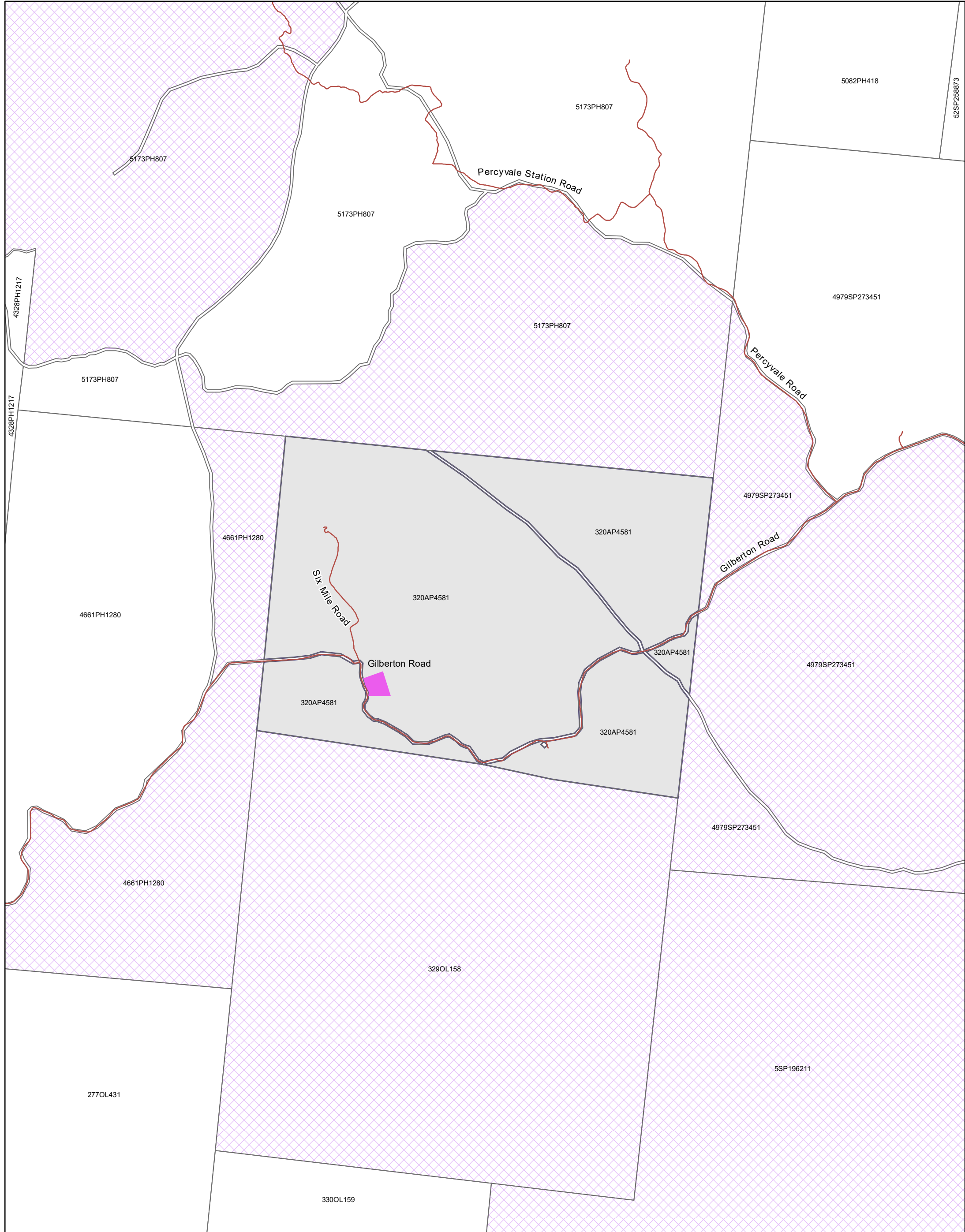
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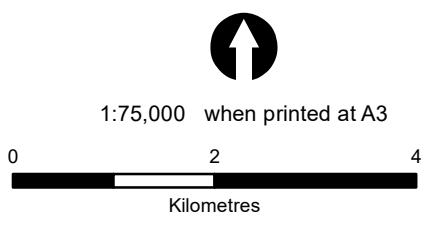
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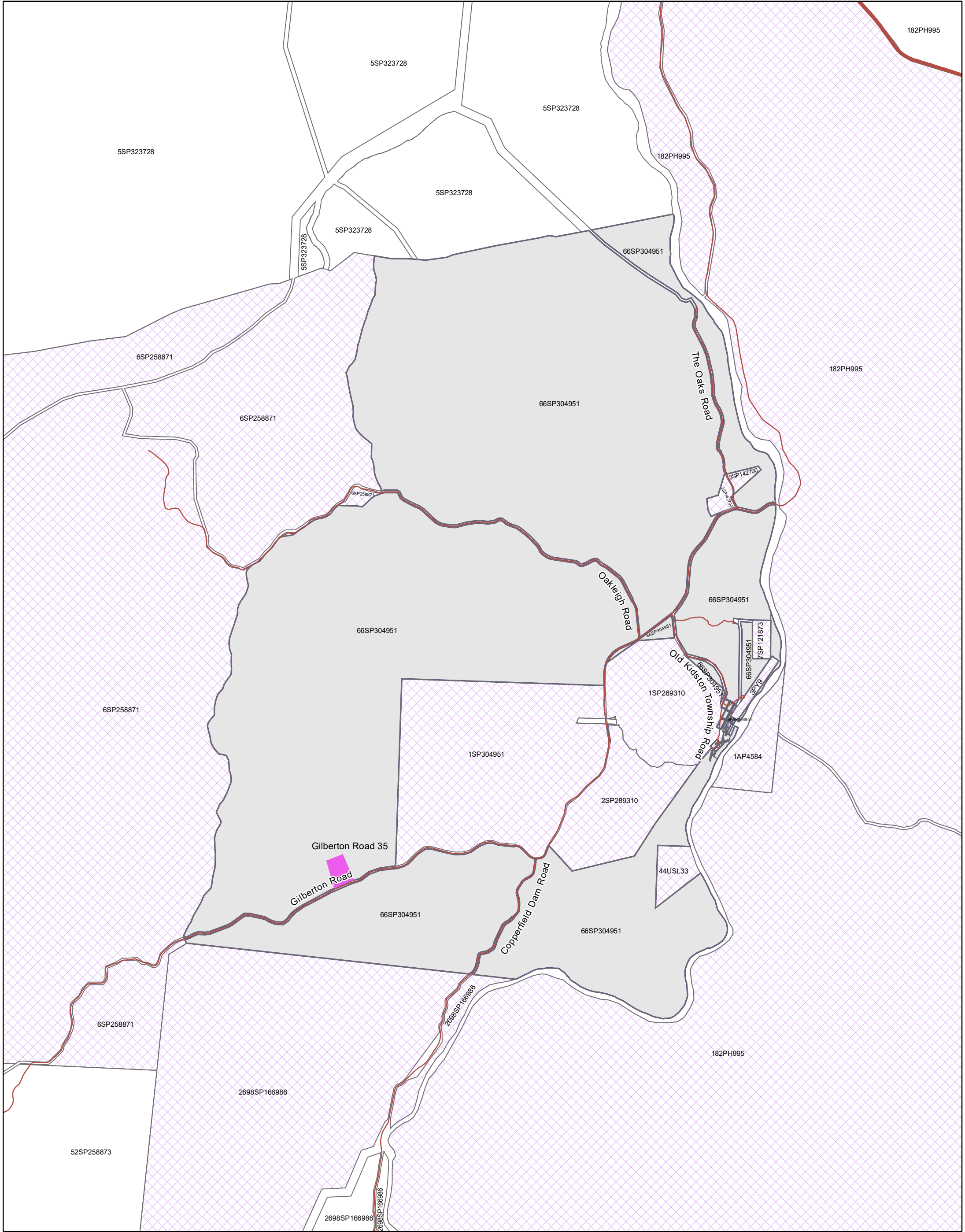
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 - Parcels needing consent
 - DCDB
 - Local Government Area
 - Main Road
 - Road



**Lot/Plan - 320AP4581
Gilberton Road**

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Date: 6/07/2023

Legend

- Gravel Pit
- Lot containing Gravel Pit
- Parcels needing consent
- DCDB
- Local Government Area
- Main Road
- Road



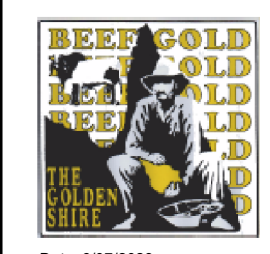
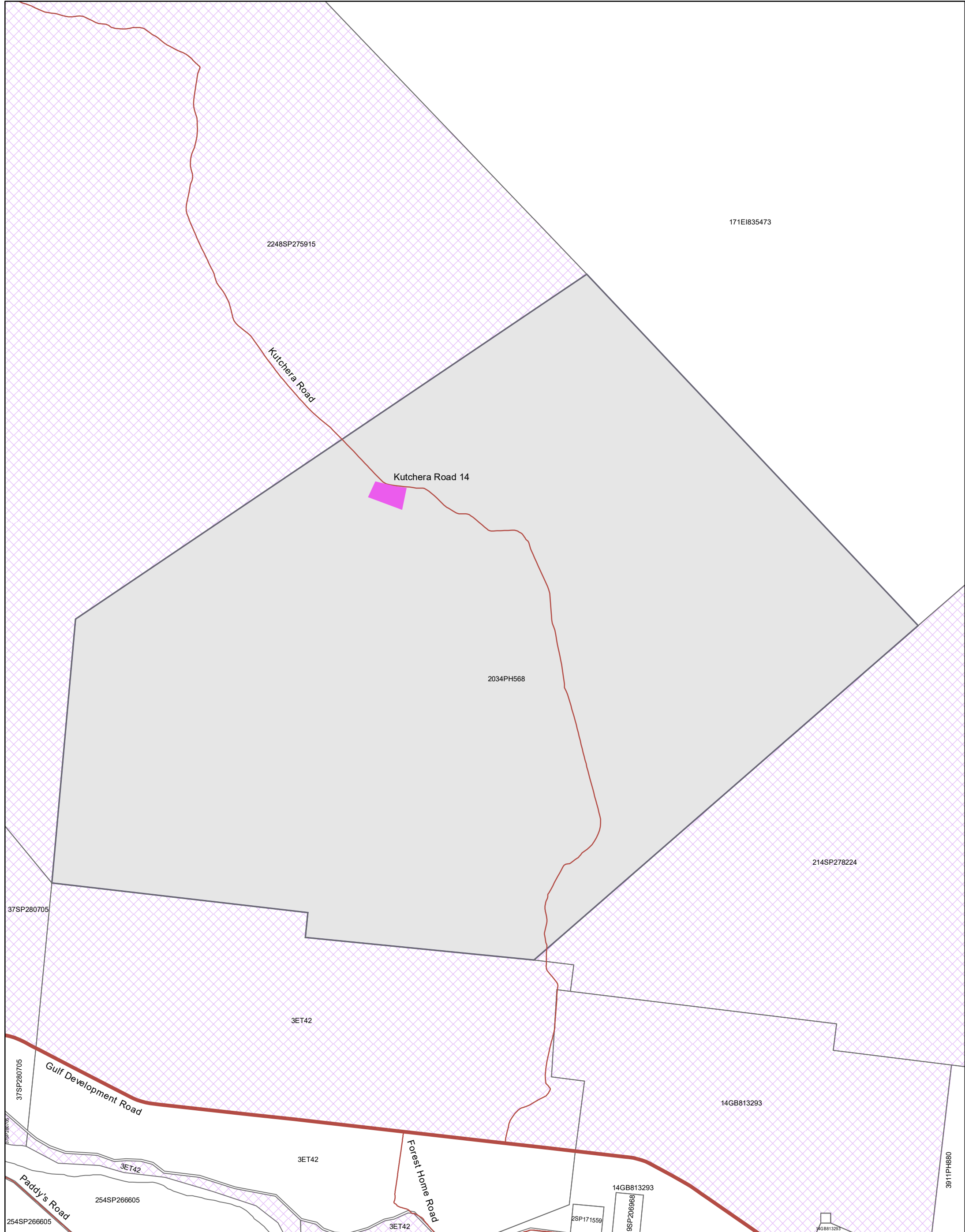
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Lot/Plan - 66SP304951
Gilberton Road 35

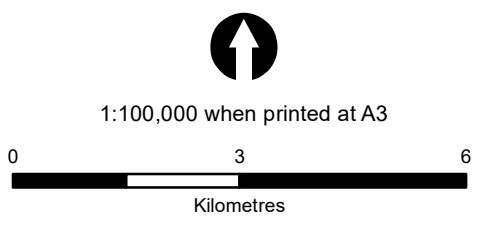
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Date: 6/07/2023

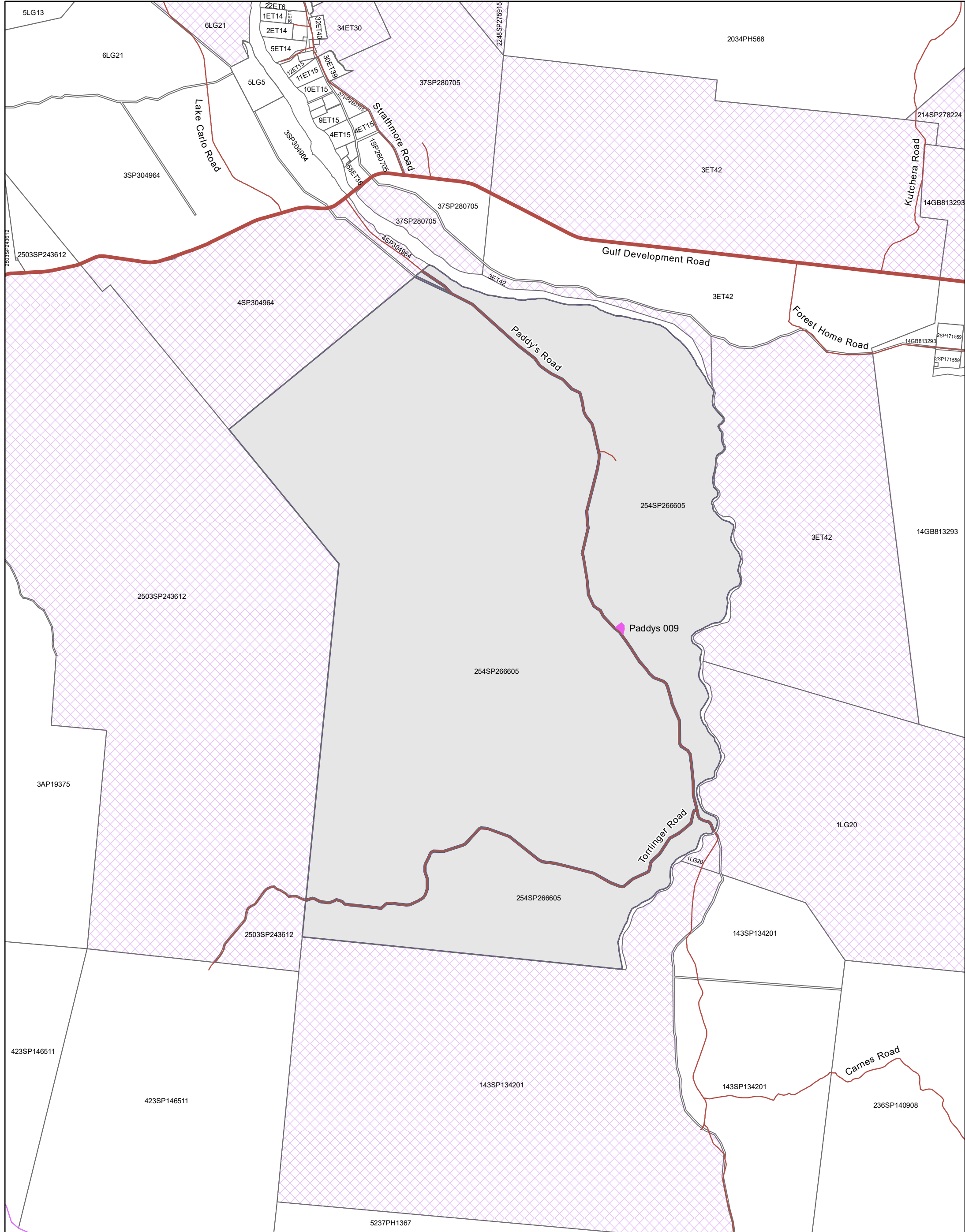
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 - Local Government Area
 - Main Road
 - Road



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Kutchera Road 14

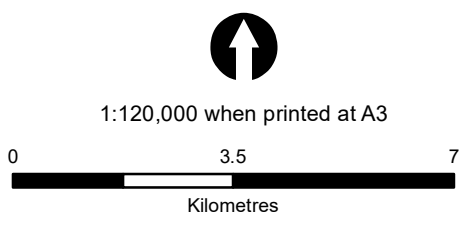
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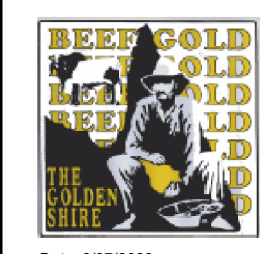
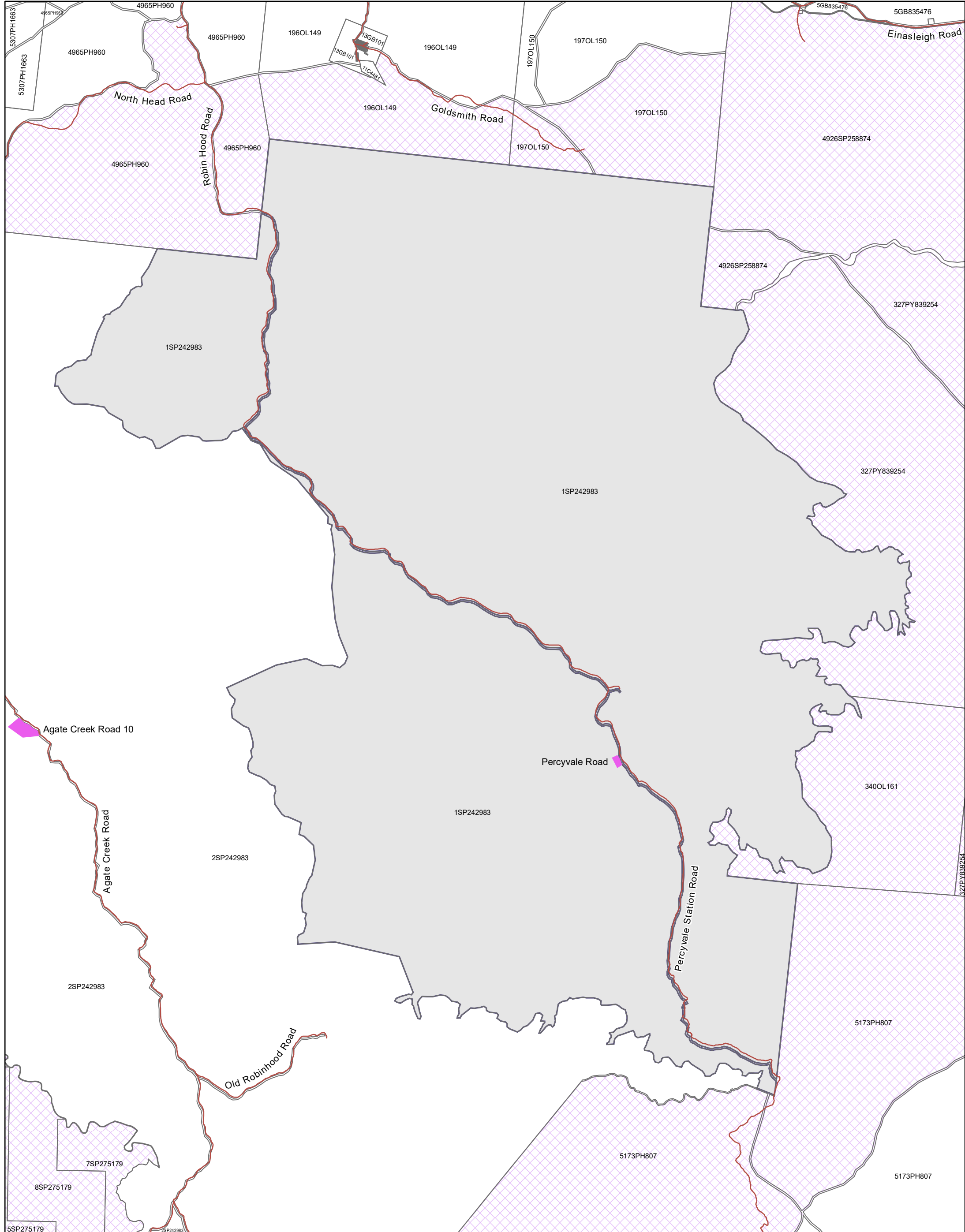
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 - Local Government Area
 - Main Road
 - Road



Lot/Plan - 254SP266605
Paddys 009

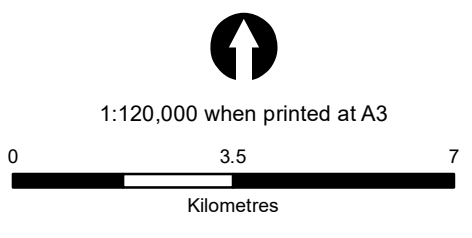
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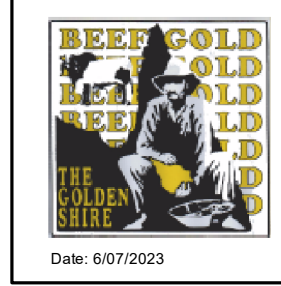
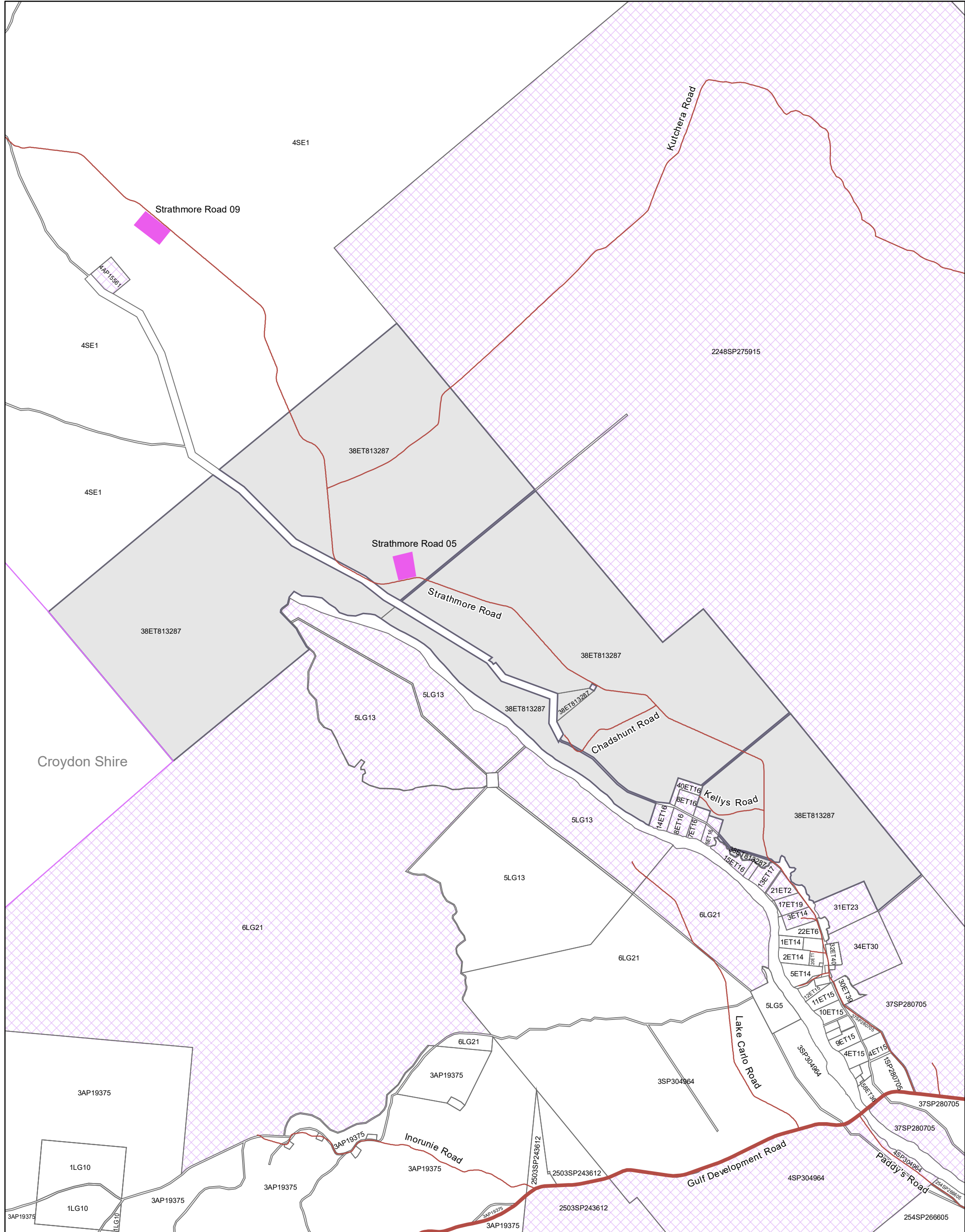
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 - Parcels needing consent
 - DCDB
 - Local Government Area
 - Main Road
 - Road



**Lot/Plan - 1SP242983
Percyvale Road**

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Legend

- Gravel Pit
- Lot containing Gravel Pit
- Parcels needing consent
- DCDB
- Local Government Area
- Main Road
- Road

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Lot/Plan - 38ET813287
Strathmore Road 05

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Carpentaria Shire

Mareeba Shire

Croydon Shire

4SE1

4SE1

4SE1

171E1835473

Strathmore Road 09

Strathmore Road

4SE1

Kutchera Road

2248SP275915

4SE1

Strathmore Road 05

38ET813287

38ET813287

38ET813287

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3ET42

Legend

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-  Parcels needing consent
-  Road
-  DCDB



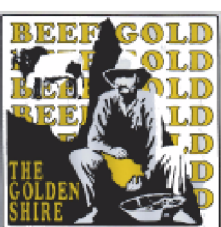
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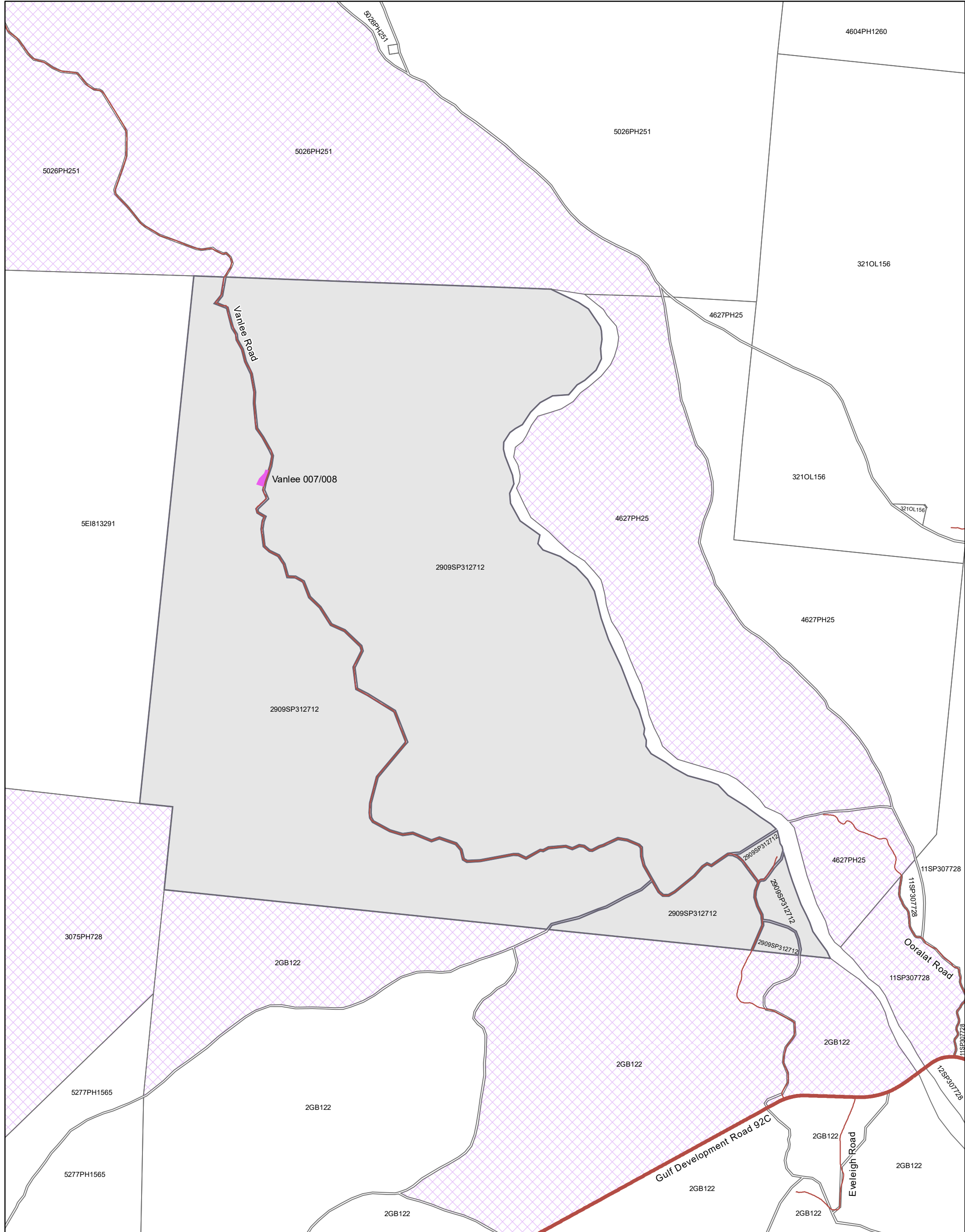
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Strathmore Road 09

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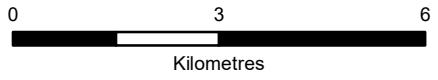
Date: 6/07/2023

Legend

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- Local Government Area
- Main Road
- Road



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Lot/Plan - 2909PH1368
Vanlee 007/008

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Etheridge Shire Council

FOR YOUR INFORMATION

Our ref: AU011658 - Georgetown Industrial Precinct

135 Abbott Street
Cairns QLD 4870
T +61 7 4031 1336

Date: 30 August 2023

Chief Executive Officer
Etheridge Shire Council
PO Box 12 Georgetown
QLD 4871

Attn: Ken Timms - kentimms@etheridge.qld.gov.au

Dear Ken,

Georgetown Industrial Precinct - Concept Masterplan
Council Ref: PO26113/1

We refer to Councils instruction, dated 7 August 2023, for RPS to prepare a revised concept plan for the development of the Georgetown Industrial Precinct to support the acquisition of the land from the state government. The preparation of the concept master plan has involved a review of the relevant state planning policy matters, the state development assessment triggers and the preparation of a concept plan for the development of the site for an Industrial Precinct.

The agreed project design brief for the project included the following:

- The provision of a through road from Gulf Developmental Road in the north to the Racecourse road reserve in the south;
- Primary access from Gulf Developmental Road;
- The provision of a lot of in the order of 15 hectares to the west for the racecourse to accommodate a proposed Cotton Gin;
- The provision of an area of land to the north of the racecourse to accommodate a potential equestrian centre of in the order of 20-25 hectares;
- A range of lot sizes with the minimum lot size of 1,000m²; and,
- The ability for large articulated vehicles, including road trains to enter and leave sites in a forward gear.

It is further understood that once the land has been acquired, the site would be the subject of further planning works to include the land in the Township Zone (Industrial Precinct), or similar zoning, and for reconfiguring a lot to create industrial land parcels. On this basis, the concept plan has been prepared with an understanding of the state and local planning requirements and the deliverability of the development in logical stages.

1 Site and Locality

The subject site is located at Gulf Development Road, Georgetown, and comprises an area of road reserve, which is also identified as a Stock Route. It is understood that the site currently the subject of a proposed road closure, involving discussions with the Department of Resources. The site is adjacent the western extent of the urban area of Georgetown, to the south of the Gulf Development Road and to the north and west of the racecourse. The western extent of the site is defined by a Four Mile Creek. The total area of the

Our ref: AU011658 - Georgetown Industrial Precinct

site is approximately 234 hectares and the total frontage to the Gulf Development Road is approximately 2,100 metres. The extent of the site is illustrated in **Figure 1**.

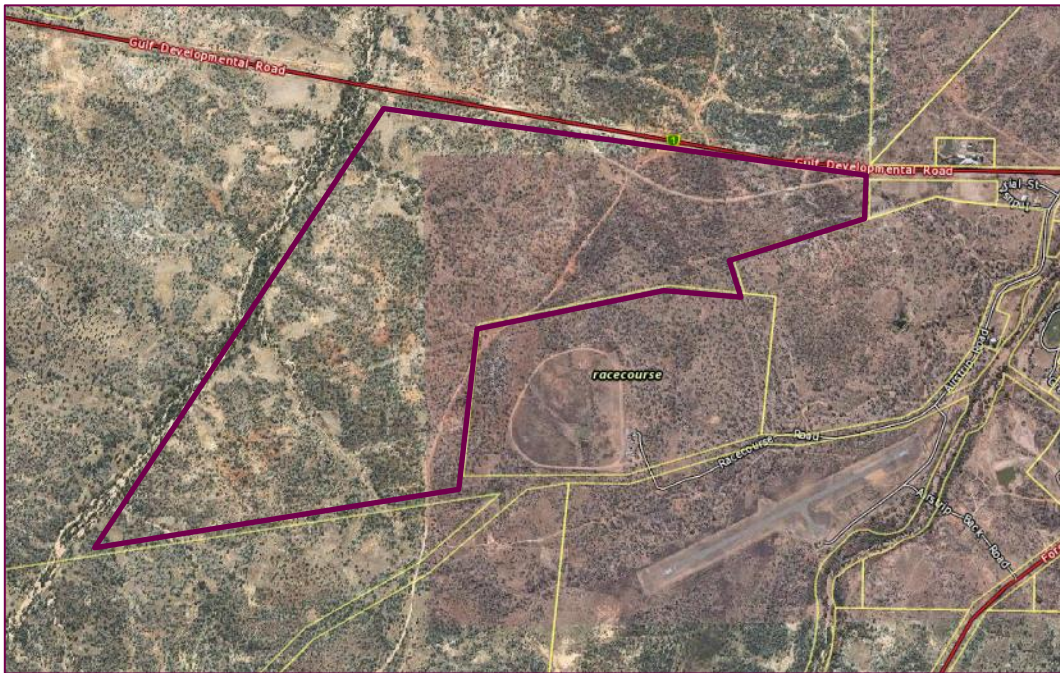


Figure 1 – Site location

2 Town Planning Context

The town planning context of the site is summarised in the table below

Table 1: Planning Context

Instrument	Designation
State Planning Policy Mapping	
Economic Growth	<ul style="list-style-type: none"> • Stock Route Network
Environment and Heritage	<ul style="list-style-type: none"> • Biodiversity <ul style="list-style-type: none"> ○ MSES Wildlife Habitat (Endangered or Vulnerable) (north eastern part of site) ○ MSES Regulated Vegetation (Essential Habitat) ○ MSES Regulated Vegetation Intersecting a watercourse (various water courses through the site)
Safety and Resilience to Hazards	<ul style="list-style-type: none"> ○ Food hazard area – Level 1 – Queensland floodplain assessment overlay ○ Bushfire prone area – Medium
Development Assessment Mapping	
SARA DA Mapping	<ul style="list-style-type: none"> • Fish Habitat - Queensland water way (Moderate) Four Mile Creek to the west • Native Vegetation - Category B Vegetation (least concern) & Essential Habitat (north eastern part of the site) • State Transport - Adjacent State Controlled Road
Etheridge Shire Planning Scheme 2020	
Strategic framework designation	<ul style="list-style-type: none"> • Future Industrial Area, in part (north east); • Road Parcel, in part.
Zoning	Rural Zone

Our ref: AU011658 - Georgetown Industrial Precinct

A review of the above planning benchmarks identified the following design parameters that, in part, were used to guide the preparation of the concept plan:

- Access - Minimum two locations from Gulf Developmental Road;
- Flood Level - for finished ground level based on Georgetown Flood Study - 291.07m AHD;
- Setbacks to watercourses - 50m from Four Mile Creek and 10m from top of bank of all other watercourses for lot boundaries.
- State controlled Road Width and Stock Route - suggest 100m width and identify as stock route
- Minimum lot size and frontage - suggest 1,500sqm with 30 metre frontage with a mix of lot sizes and flexibility
- Through Road - A north south road through the site is required to be provided generally on the existing alignment of the existing sheeted road; and,
- Minimum Road Widths - FNQROC manual minimum 23 metres.

Matters that will require further consideration and resolution as the project proceeds are;

- The removal of the site from the stock route designation; and,
- An assessment of the value of the category B Vegetation regulated vegetation and the ecology and biodiversity of the site, specifically relating to the Matters of State Environmental Significance.

3 Concept Design

The concept design for the master plan provides for 198 industrial lots of varying sizes to accommodate arrange of potential industrial uses. The larger lots have been designed with the potential for future reconfiguration into smaller lots in mind.

The road layout has been selected to make the most of the opportunities presented by the existing sheeted roads through the site. This includes an existing road/track that runs parallel to the Gulf Developmental Road for part of the site and the existing through route that crosses in to the Racecourse land to the south. These roads are graded, maintained, and include constructed crossings over watercourses. The use of these existing road provides the opportunity to reduce the future construction costs. Similarly access to the site from the Gulf Developmental Road has been provided in areas where existing or historic access has been made. This includes a central access that sites atop a ridge that provides suitable sight lines and an access point to the east and west of the central access. A road is provided along the eastern bank of Four Mile Creek with a nominal setback of 70 metres from the centreline of the creek and with lots fronting the creek. The road would be setback from the top of bank and would provide a buffer for bushfire mitigation. A central east west road would connect this road along an existing ridgeline to the central spine road. All of the roads have been designed with a 30 metres wide road reserve to allow for an 8 metre sealed formation with 11 metres verges either side, that provide the opportunity for table drains rather than a piped stormwater system. The 11m verge would be able to contain table drains with 4m sides at a 1:4 grade, providing a nominal 3m wide table drain that is 1m deep.

The road layout and design is subject to future hydraulic engineering to determine drainage requirements. The existing waterways on the site have been provided with a nominal drainage corridor that will need to be considered in detail at the hydraulic design and engineering stage. It is proposed that the drainage corridors, where retained, remain as part of the lots and covered by drainage easements rather than as council owned drainage corridors to remove the maintenance burden that would otherwise fall on Council.

In terms of lot diversity and location, smaller lots of typically 1,500m² in area and dimensions of 30 metres x 50 metres have been identified in the north east of the site closest to Georgetown and adjacent the central spine road. These lots are able to be amalgamated to created larger parcels if required and are considered to be of a suitable size to satisfy demand for smaller lots for uses such as 'containers for change'. Medium sized lots of areas of up to 5.7 hectares are located in the western part of the site and closest to Four Mile Creek. These lots and the associated road networks are able to be readily amended to provide loop roads and smaller lots should it be necessary and are similarly able to be amalgamated to give large lot sizes depending market on demand and need.

As required by the brief, a large parcel of land of approximately 20 hectares has been identified in the north eastern part of the site and to the north of the racecourse to accommodate potential equestrian events and facilities. In addition, a 16 hectare lot has been identified to the west of the overall site and to the west of the

Our ref: AU011658 - Georgetown Industrial Precinct

racecourse to accommodate a potential Cotton Gin. Both of these lots would have access directly from the central spine road, which provides the most direct route to the Gulf Developmental Road.

A copy of the GEORGETOWN INDUSTRIAL ESTATE - CONCEPT PLAN, Drawing: AU011658-, dated 30/8/2023 is attached.

4 Next Steps

If successful in acquiring the land, in order for industry development to proceed further town planning works will be required. It is considered that there are two avenues available to Council to achieve industry use rights and the subdivision of the land: These are:

1. A direct application for a Variation to override the planning scheme and include the land in the Township Zone (Industry Precinct) alongside an application to reconfigure the site;
2. The undertaking of a Planning Scheme Amendment to include the land in the Township Zone (Industry Precinct) and a subsequent application for Reconfiguring a Lot.

Each approach is discussed separately below.

4.1 Variation Application

This would involve the preparation and submission of an application by the Council to the Council. The application is representative of the rezoning applications under the former planning legislation. This application would be impact assessable and would be subject to a 30 business day public notification period. It would also require referral to the State Assessment and Referral Agency (SARA) for consideration of the impacts on the following matters:

- State Controlled Road (Gulf Developmental Road); and,
- Clearing of Native Vegetation (Category B Vegetation).

Whilst this appears to be a more straightforward approach, assessment of the development by the state, particularly in respect of the native vegetation and environmental matters may trigger consideration of the payment of environmental offsets to counter the clearing of native vegetation and the loss of habitat. This could be a considerable financial penalty.

The other issue is the identification of the land within the Stock Route. The current State Planning Policy resists the development of land within the Stock Route.

This process is likely to take in the order of 9 months to 12 months from the date of the submission of the application. A minimum of three months is likely to be required to prepare the application.

4.2 Planning Scheme Amendment

This would not be an application to the Council but would commence with a resolution of Council to amend the Planning Scheme and a notice to the State Government requesting confirmation of the state interests that need to be considered. Within 20 business days of notification, the state government is required to provide written confirmation of the matters of state interest. Council then confirm that it wishes to proceed, prepares the amendment and submit the required material to the State Government.

Within 60 business days of receipt of the proposed amendment the State Government is required to finalise the State interest check and confirm whether the Council can proceed with public notification. Public notification includes a public notice in the newspaper and a notice period of 20 business days.

Following consideration of any submission(s) received during the public notice period, the Council notifies the State Government that they wish to adopt the Planning Scheme amendment. Only after the State Government approval can the Council adopt the Planning Scheme Amendment.

This process is similarly likely to take in the order of 12 months from the resolution of Council to undertake the amendment. However, this approach provides for a more strategic assessment of the proposed development and potentially avoids any environmental offset payments. It also enables a more structured approach to defining the terms of reference required for any assessments and potentially avoids any detailed upfront works.

4.3 Early engagement with the Department of State Development, Infrastructure, Local Government and Planning

In order to determine the most appropriate pathway for promoting the site, it is recommended that early engagement is undertaken with the Department of State Development, Infrastructure, Local Government and Planning (DSDILGP).

The attached concept plan is considered to be in a suitable format and would provide the basis for the commencement of those discussions. It may be appropriate, depending on time constraints and urgency, for Council to determine that this early engagement commence whilst the land acquisition is progressing. This may also identify planning issues that may be able to be resolved as part of the acquisition process, such as the removal of the stock route identification.

5 Conclusion


We trust that the concept plan satisfies the brief provided and Council and Community expectations. It has been drafted with regard to existing infrastructure opportunities and to provide flexibility to ultimate lot form and design.

We recommend that:

- A. the concept plan be presented to the State Government as part of the acquisition process to demonstrate the Councils intent for the development of the land; and,
- B. Early engagement be undertaken with the Department of State Development, Infrastructure, Local Government and Planning (DSDILGP) to agree a planning strategy to promote the land and to identify any early planning issues that could be resolved as part of the acquisition process.

We look forward to continuing working with you on this development. In the meantime, if you have any queries please contact the writer (contact details below).

Yours sincerely,
for RPS AAP Consulting Pty Ltd



Patrick Clifton
Senior Principal | Practice Leader - Planning, Cairns
patrick.clifton@rpsgroup.com.au
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IMPORTANT NOTE

This plan was prepared as a concept plan only and accuracy of all aspects of the plan have not been verified.
All lots, areas and dimensions are approximate only, Subject to relevant studies, Survey, Engineering and Government approvals.
No reliance should be placed on the plan and RPS Australia East Pty Ltd accepts no responsibility for any loss or damage suffered howsoever arising to any person who may use or rely on this plan.

DIGITAL CADASTRAL DATA BASE - BOUNDARY INFORMATION.

Based on or contains data provided by the State of Queensland (Department of Resources) [2023]. In consideration of the State permitting use of this data you acknowledge and agree that the State gives no warranty in relation to the data (including accuracy, reliability, completeness, currency or suitability) and accepts no liability (including without limitation, liability in negligence) for any loss, damage or costs (including consequential damage) relating to any use of the data. Data must not be used for direct marketing or be used in breach of the privacy laws.

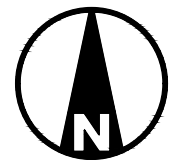
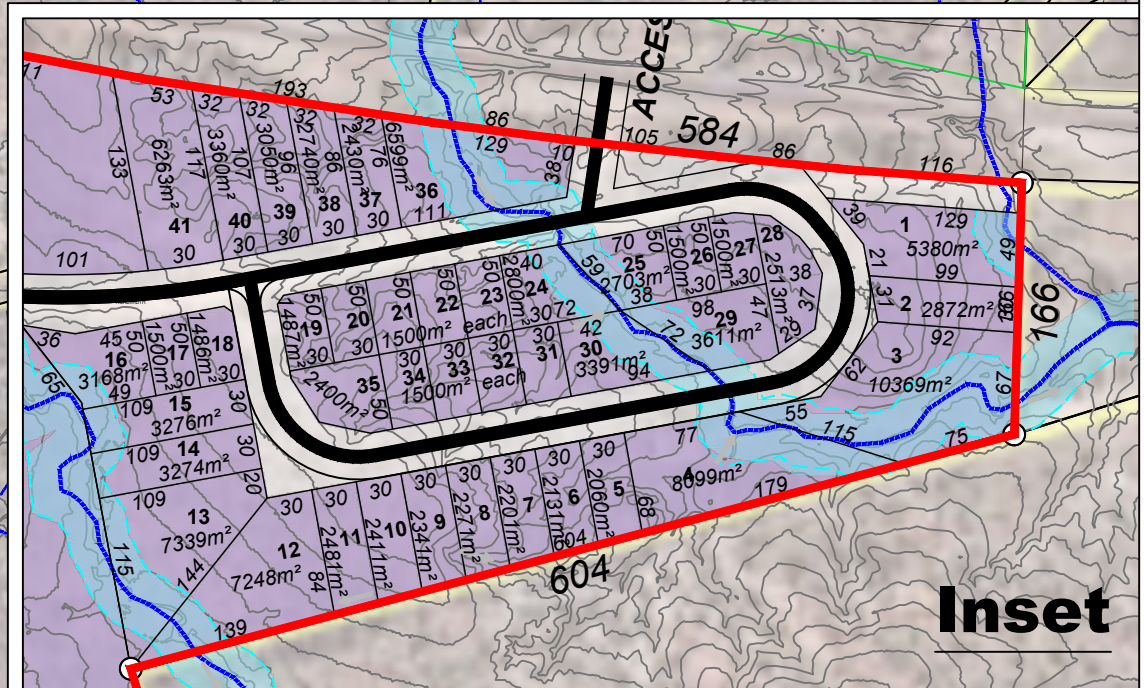
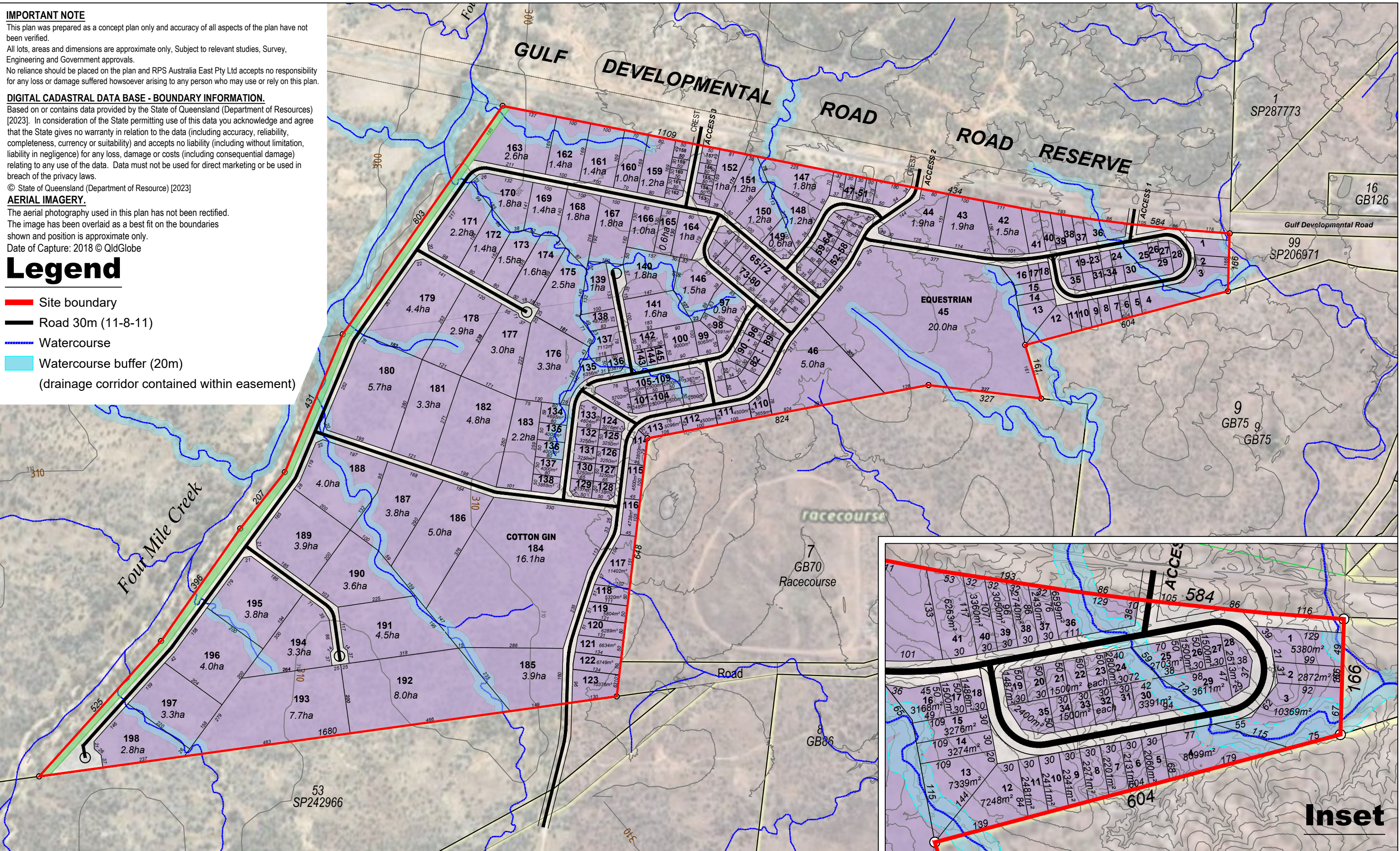
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AERIAL IMAGERY.

The aerial photography used in this plan has not been rectified.
The image has been overlaid as a best fit on the boundaries shown and position is approximate only.
Date of Capture: 2018 © QldGlobe

Legend

- Site boundary
- Road 30m (11-8-11)
- — — — Watercourse
- Watercourse buffer (20m)
(drainage corridor contained within easement)



GEORGETOWN INDUSTRIAL ESTATE
CONCEPT PLAN - 198 Lots

PRELIMINARY - FOR DISCUSSION PURPOSES ONLY

Boundaries shown on this plan are derived from DNRME Digital Cadastral Data Base information and are approximate only.

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Datum: MGA2020 Z55 | Scale: 1:10,000 @ A3 | Date: 30-8-2023 | Drawing: AU011658-1



24 August 2023

The Chief Executive Officer
Etheridge Shire Council
41 St George Street
GEORGETOWN QLD 4871

Attention: Ken Timms

BY EMAIL: ken.timms@etheridge.qld.gov.au

ABN 45 530 630 331

Contact

Martin Wright
Senior Associate
MWright@moray.com.au
+61 7 4019 7335

Partner

Andrew Kerr

Our reference

AMK: MJW:462832

Dear Ken

Native Title Determination Application QUD777/2019 – Gugu Badhun #3

We refer to the above matter.

Please find **attached** a Report to the Court filed by the Applicant. The Report relevantly provides that there has been an issue with anthropologists leaving and that the issues between the Applicant and the State regarding connection are unlikely to be resolved because the new anthropologist is unable to review the material until mid-November 2023.

We will be attending a case management hearing on 25 August 2023 and will provide you with a further update following that case management hearing.

Should you have any queries, please do not hesitate to contact Martin Wright of our office.

Yours faithfully
MORAY & AGNEW

A handwritten signature in blue ink that reads 'Moray & Agnew'.

Encl

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17 August 2023

Ken Timms
Chief Executive Officer
Etheridge Shire Council
PO Box 12
GEORGETOWN QLD 4871
via email: ken.timms@etheridge.qld.gov.au

Dear Ken

RE: Regional Development Australia (RDA) Network Boundary Review 2023

I hope this finds you well as I reach out to you in the capacity as the newly appointed Chair of RDA Tropical North, based in Cairns.

In late June 2023 the Australian Government Minister for Regional Development, Local Government and Territories, The Hon Kristy McBain MP advised that the Department was to conduct a review into the effectiveness of several jurisdictions across NSW, ACT and QLD that would identify potential opportunities to improve the efficiency and effectiveness of service delivery of the RDA Program.

The review has been conducted in consultation with RDAs, state governments and local governments in these areas with the outcome expected to be announced later in the year. In the meantime, this has also prompted RDA Tropical North Board Members to assess its own current remit across Far North Queensland.

The Shire of Etheridge currently sits within the RDA Tropical North remit and given our long working relationship, I invite the Etheridge Shire Council to share their consideration, opinion and position on its inclusion in either the **RDA Tropical North** remit or the **RDA Townsville North-West Queensland** remit. (See map)

I understand this may not be an option previously considered and I would welcome an opportunity to discuss this further via virtual/MS Teams meeting as needed. The RDATN Board recognize and see great benefit in the continued inclusion of Etheridge Shire in our footprint and remit.

Your Shire's inclusion would also align with the FNQROC remit (with whom we have a strong working relationship), and alignment with various State government departments' footprints which include Etheridge in the Far North Queensland region; this is especially pertinent considering the current



An Australian Government Initiative

review of the statutory FNQ Regional Plan. The joint advocacy between Council, FNQROC and RDA Tropical North, we believe, has spearheaded Etheridge Shire's inclusion in the FNQ Regional Plan review, which in turn, will greatly support the Etheridge Agricultural and Irrigation Precinct.



Of course, any changes to an RDA Boundary would require Federal Government approval and we would investigate the steps involved. I trust the above details are clear. Please do not hesitate to contact me should you have any queries at all. I thank you for your consideration and look forward to receiving your feedback in due course.

Kind regards

H. Babacan

Prof Hurriyet Babacan AM
Chair
Regional Development Australia Tropical North Inc.



06 September 2023

Mr Ken Timms
Chief Executive Officer
Etheridge Shire Council

By email: ken.timms@etheridge.qld.gov.au

Dear Mr Timms

2024 revaluation program effective 30 June 2024

Thank you for your continued interest and willingness to engage in discussions regarding the ongoing work of the State Valuation Service, particularly in relation to the 2024 revaluation program.

I am writing to advise you of my decision on the 2024 land revaluation program. In making this decision, I considered the detailed property market analysis, the timing since the last revaluation, and feedback provided by local government areas (LGA) and key stakeholders.

I can confirm that Etheridge Shire Council will not be included in the 2024 revaluation program. For your information, I have attached a summary of all LGAs included in the 2024 program.

Queensland's land valuation system is an open and transparent process delivered consistent with the *Land Valuation Act 2010*.

As your LGA will not receive new land valuations in 2024, the current land valuations will remain in effect for rating purposes for the 2024–25 financial year.

Should you have any enquiries, please contact Brett Bowen, Area Manager, SVS on telephone (07) 4222 5500.

Yours sincerely



Laura Dietrich
Valuer-General

Local governments areas included in the 2024 revaluation program

1. Banana
2. Barcoo
3. Bulloo
4. Bundaberg
5. Central Highlands
6. Cook
7. Diamantina
8. Fraser Coast
9. Gold Coast
10. Goondiwindi
11. Isaac
12. Livingstone
13. Longreach
14. Moreton Bay
15. Redland
16. Somerset
17. Sunshine Coast
18. Torres
19. Whitsunday
20. Winton